

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002604.D
 Acq On : 06 May 2020 11:00
 Operator : SY/MD
 Sample : VY0506SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:35:23 AM

Quant Time: May 06 13:34:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	389547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	579545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	521922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	270027	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	163113	49.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.60%	
35) Dibromofluoromethane	7.73	113	172755	52.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.24%	
50) Toluene-d8	10.19	98	680762	52.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.49	95	229161	52.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	48000	16.165	ug/l	100
3) Chloromethane	2.12	50	58869	18.653	ug/l	99
4) Vinyl Chloride	2.26	62	68052	18.674	ug/l	97
5) Bromomethane	2.65	94	46168	18.371	ug/l	96
6) Chloroethane	2.80	64	40505	18.615	ug/l	98
7) Trichlorofluoromethane	3.14	101	104083	18.428	ug/l	98
8) Diethyl Ether	3.54	74	36510	19.236	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	66858	19.368	ug/l	100
10) Methyl Iodide	4.11	142	82495	17.541	ug/l	98
11) Tert butyl alcohol	4.97	59	28876	85.690	ug/l	99
12) 1,1-Dichloroethene	3.89	96	63839	19.037	ug/l	96
13) Acrolein	3.74	56	17978	77.151	ug/l	96
14) Allyl chloride	4.50	41	95825	19.612	ug/l	98
15) Acrylonitrile	5.19	53	85982	96.061	ug/l	99
16) Acetone	3.97	43	60875	90.056	ug/l	99
17) Carbon Disulfide	4.21	76	177500	17.594	ug/l	100
18) Methyl Acetate	4.50	43	42071	18.627	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	167510	19.146	ug/l	100
20) Methylene Chloride	4.74	84	70934	18.765	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	70881	19.339	ug/l	98
22) Diisopropyl ether	6.14	45	199285	20.158	ug/l	99
23) Vinyl Acetate	6.08	43	607483	97.707	ug/l	99
24) 1,1-Dichloroethane	6.04	63	116956	19.997	ug/l	99
25) 2-Butanone	7.00	43	101203	91.461	ug/l	96
26) 2,2-Dichloropropane	7.00	77	106245	19.111	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	79423	19.584	ug/l	99
28) Bromochloromethane	7.35	49	48168	20.101	ug/l	99
29) Tetrahydrofuran	7.36	42	70910	96.860	ug/l	99
30) Chloroform	7.52	83	119123	19.589	ug/l	100
31) Cyclohexane	7.80	56	110689	18.802	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	108983	19.281	ug/l	100
36) 1,1-Dichloropropene	7.93	75	92693	19.079	ug/l	99
37) Ethyl Acetate	7.09	43	48071	19.254	ug/l	99
38) Carbon Tetrachloride	7.91	117	101900	19.211	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	121661	18.959	ug/l	97
40) Benzene	8.18	78	273344	19.480	ug/l	100
41) Methacrylonitrile	7.35	41	31281m	23.303	ug/l	
42) 1,2-Dichloroethane	8.25	62	72568	18.437	ug/l	98
43) Isopropyl Acetate	8.28	43	90406	19.316	ug/l	99
44) Trichloroethene	8.95	130	86328	19.686	ug/l	92
45) 1,2-Dichloropropane	9.23	63	66570	19.657	ug/l	99
46) Dibromomethane	9.32	93	37288	19.137	ug/l	99
47) Bromodichloromethane	9.50	83	91931	19.404	ug/l	98
48) Methyl methacrylate	9.30	41	39720	18.752	ug/l	98
49) 1,4-Dioxane	9.30	88	10532	408.237	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	234968	97.397	ug/l	100
52) Toluene	10.25	92	176171	19.535	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	96000	19.339	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	111579	19.443	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	56592	19.917	ug/l	96
56) Ethyl methacrylate	10.52	69	72874	19.279	ug/l	99
57) 1,3-Dichloropropane	10.80	76	93850	19.476	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	200888	100.777	ug/l	99
59) 2-Hexanone	10.84	43	160863	96.880	ug/l	100
60) Dibromochloromethane	10.99	129	70937	19.629	ug/l	98
61) 1,2-Dibromoethane	11.10	107	53978	19.185	ug/l	99
64) Tetrachloroethene	10.73	164	97722	21.073	ug/l	98
65) Chlorobenzene	11.53	112	194737	19.627	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	74356	20.189	ug/l	99
67) Ethyl Benzene	11.60	91	345715	19.837	ug/l	99
68) m/p-Xylenes	11.71	106	267534	39.674	ug/l	99
69) o-Xylene	12.03	106	124829	19.770	ug/l	100
70) Styrene	12.05	104	215026	19.921	ug/l	99
71) Bromoform	12.22	173	44051	19.271	ug/l #	99
73) Isopropylbenzene	12.34	105	343637	19.636	ug/l	100
74) N-amyl acetate	12.15	43	82795	19.667	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	50918	18.295	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	49735m	20.726	ug/l	
77) Bromobenzene	12.62	156	85159	19.477	ug/l	99
78) n-propylbenzene	12.68	91	404852	19.935	ug/l	100
79) 2-Chlorotoluene	12.77	91	222473	19.776	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	287948	19.850	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	22170	18.526	ug/l	99
82) 4-Chlorotoluene	12.86	91	237737	20.118	ug/l	99
83) tert-Butylbenzene	13.08	119	260801	20.504	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	291632	20.172	ug/l	99
85) sec-Butylbenzene	13.26	105	356607	20.204	ug/l	100
86) p-Isopropyltoluene	13.38	119	330514	19.985	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	163688	19.780	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	162920	19.882	ug/l	98
89) n-Butylbenzene	13.70	91	305786	20.311	ug/l	100
90) Hexachloroethane	13.97	117	60970	20.244	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	147693	20.002	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9294	17.914	ug/l	99

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ClientSampleId :
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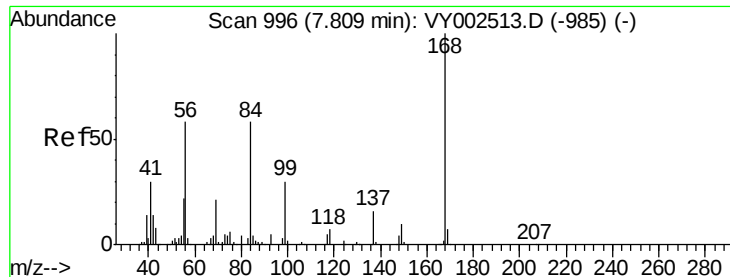
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	106737	19.910	ug/l	99
94) Hexachlorobutadiene	15.13	225	65066	20.220	ug/l	99
95) Naphthalene	15.25	128	186870	19.108	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	90771	19.945	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

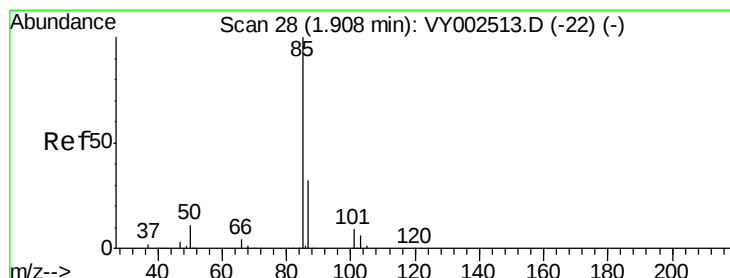
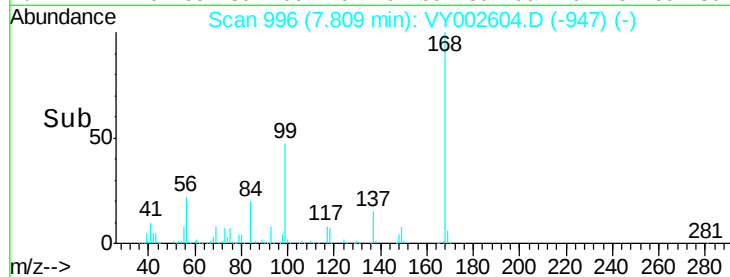
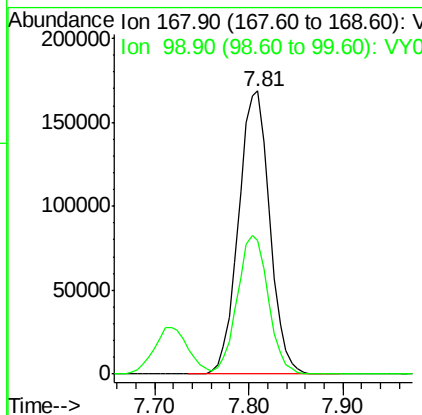
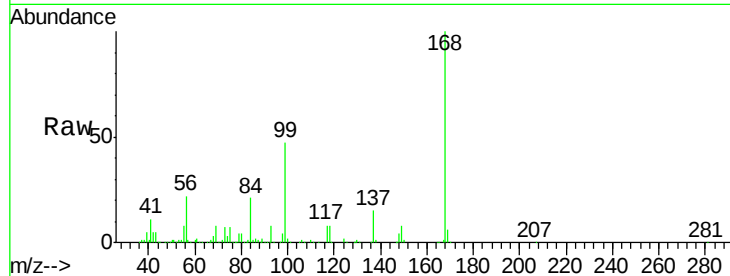
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.2	39.2	58.8

Manual Integrations
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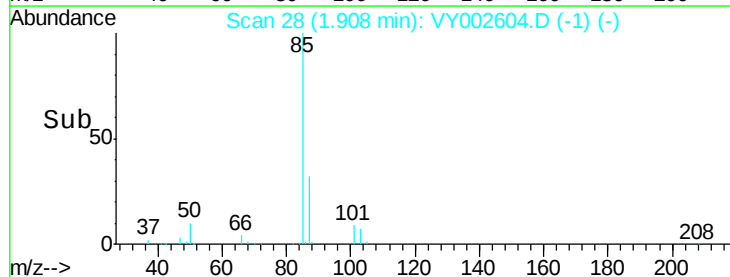
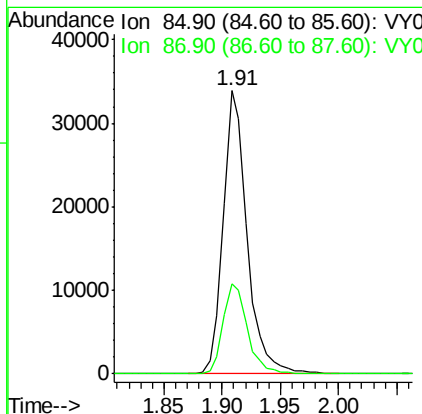
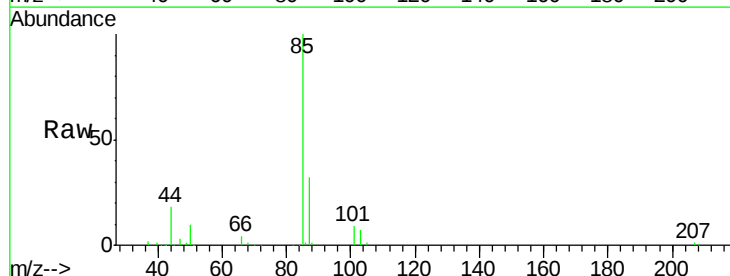
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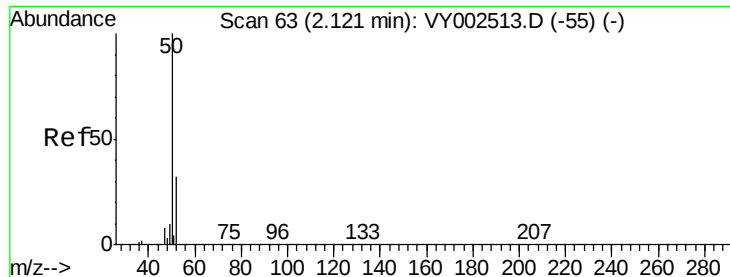


#2

Dichlorodifluoromethane
 Concen: 16.165 ug/l
 RT: 1.91 min Scan# 28
 Delta R.T. 0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	15.8	47.4





#3

Chloromethane

Concen: 18.653 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion: 50 Resp: 58869

Ion Ratio Lower Upper

50 100

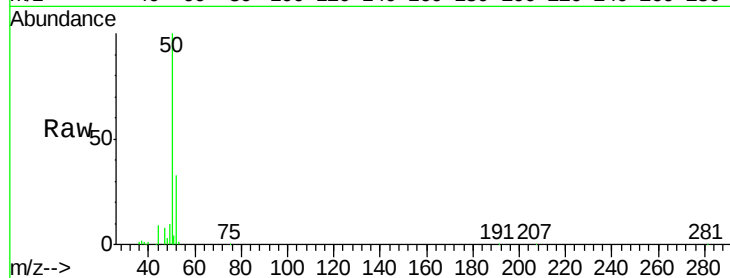
52 33.2 25.9 38.9

Manual Integrations

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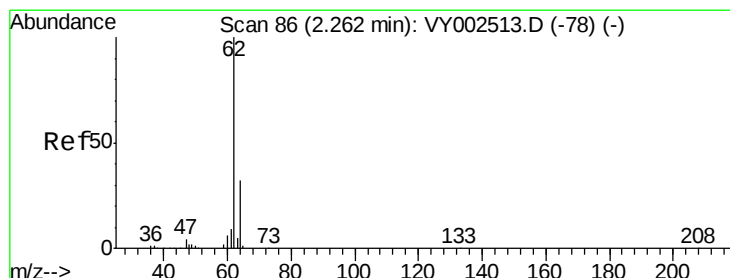
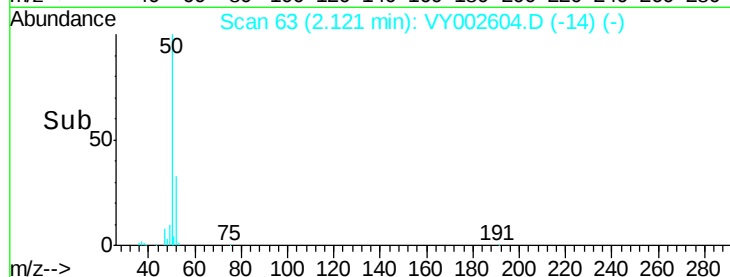
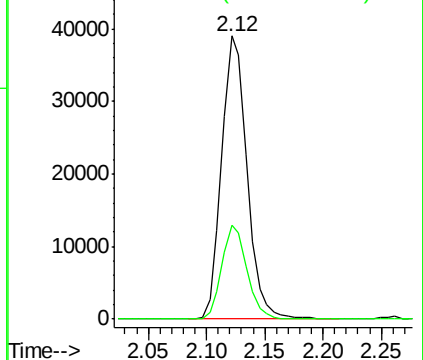
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.674 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY002604.D

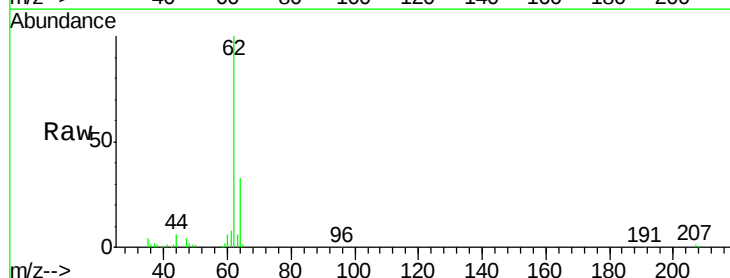
Acq: 06 May 2020 11:00

Tgt Ion: 62 Resp: 68052

Ion Ratio Lower Upper

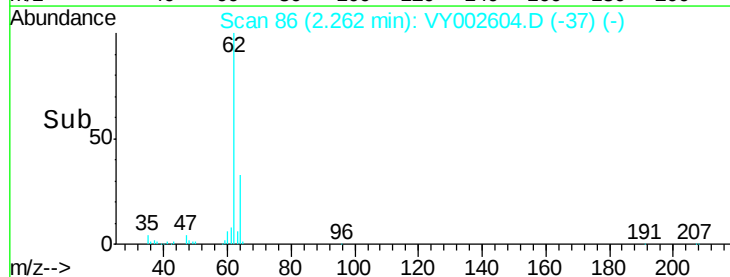
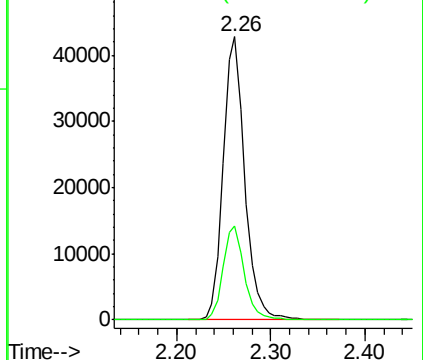
62 100

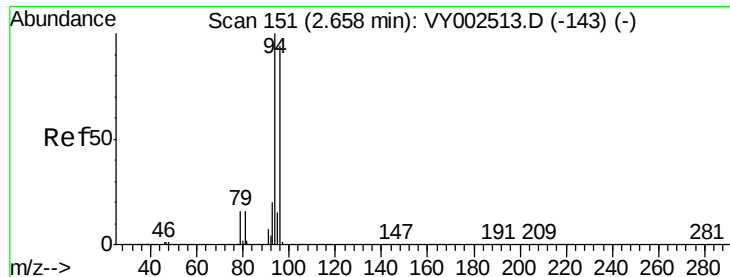
64 33.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.371 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion: 94 Resp: 46168

Ion Ratio Lower Upper

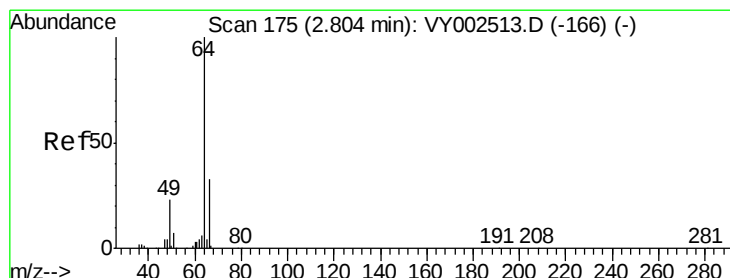
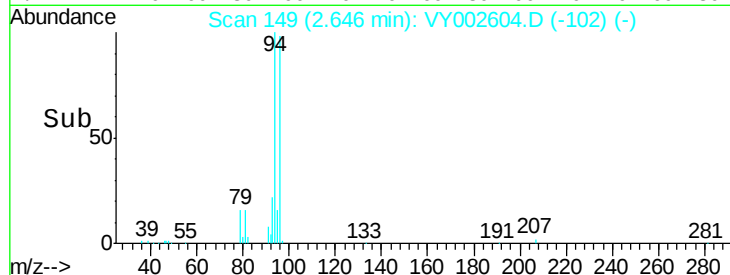
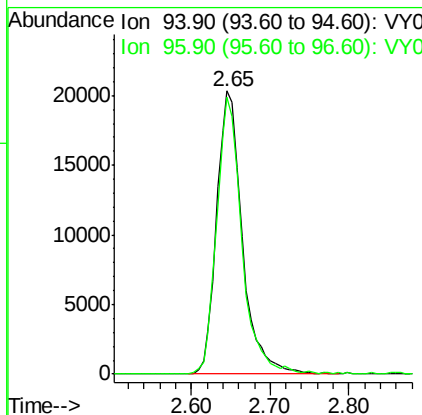
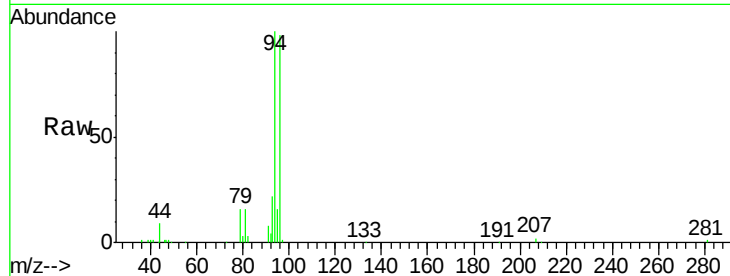
94 100

96 97.8 74.9 112.3

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#6

Chloroethane

Concen: 18.615 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002604.D

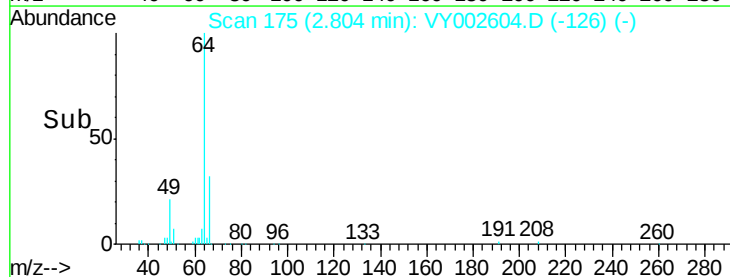
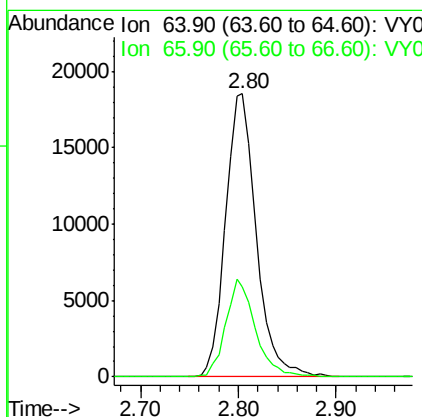
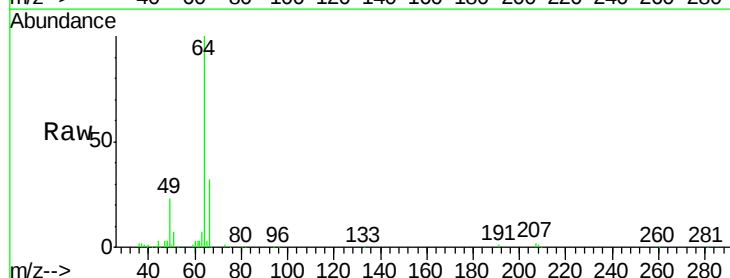
Acq: 06 May 2020 11:00

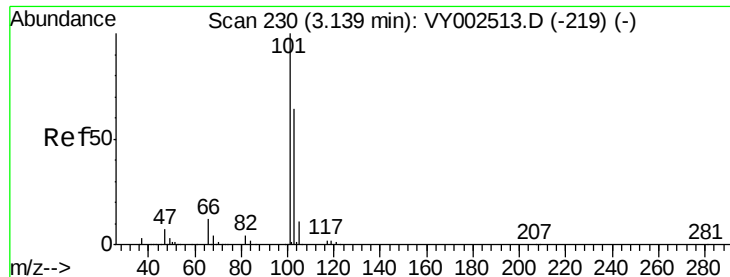
Tgt Ion: 64 Resp: 40505

Ion Ratio Lower Upper

64 100

66 32.0 26.3 39.5





#7

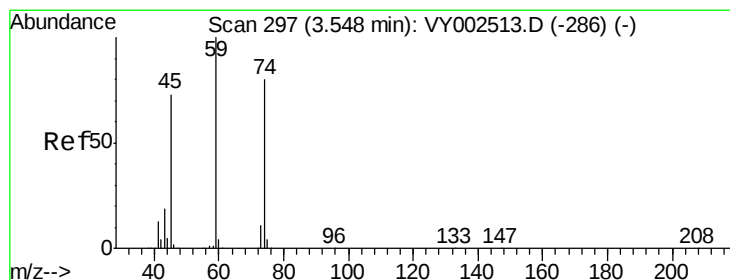
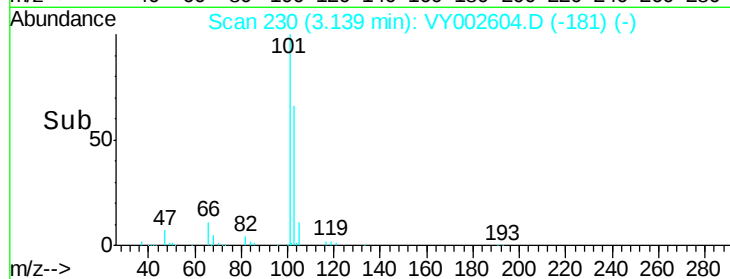
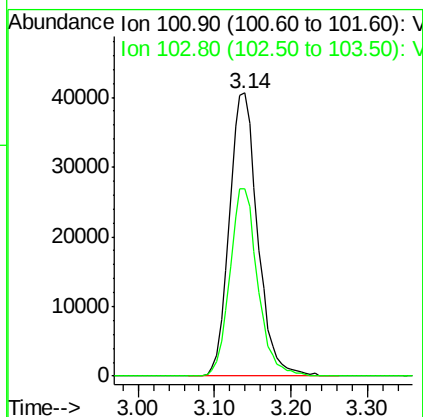
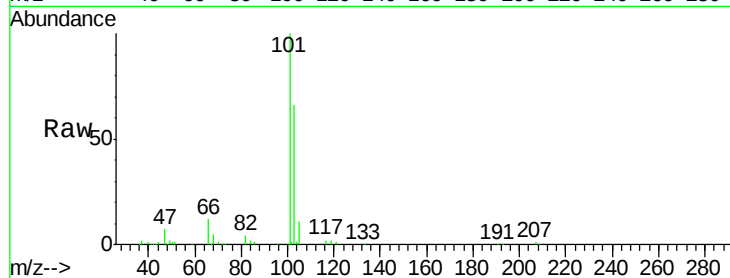
Trichlorofluoromethane
Concen: 18.428 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

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VY0506SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	104083		
103	66.1	51.4	77.0	

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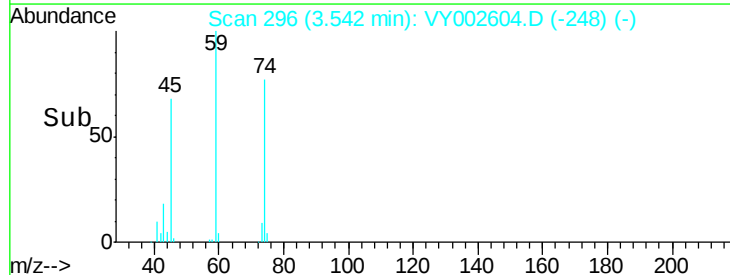
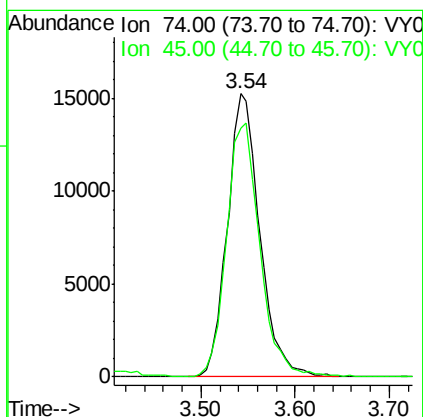
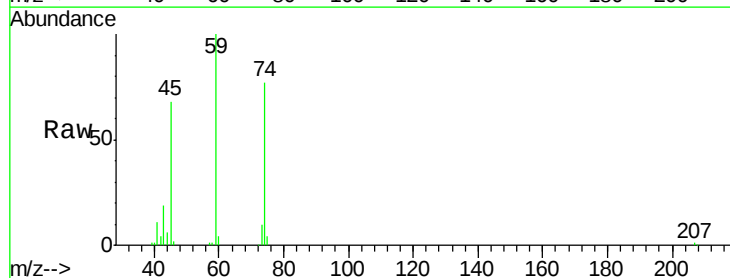
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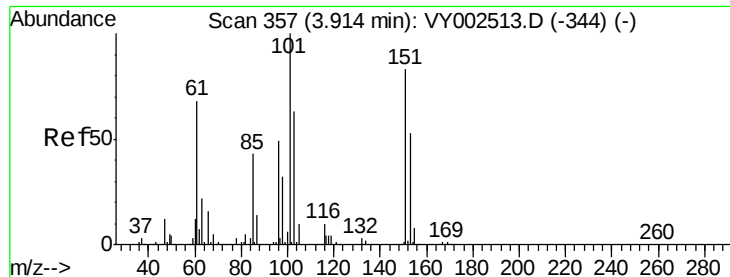


#8

Diethyl Ether
Concen: 19.236 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	36510		
45	92.5	46.2	138.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.368 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY002604.D

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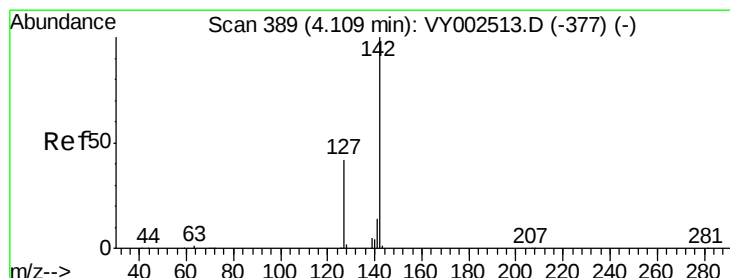
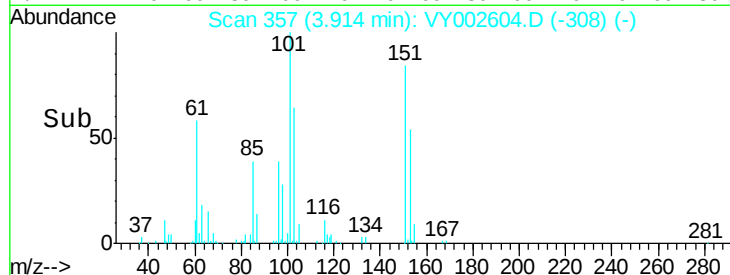
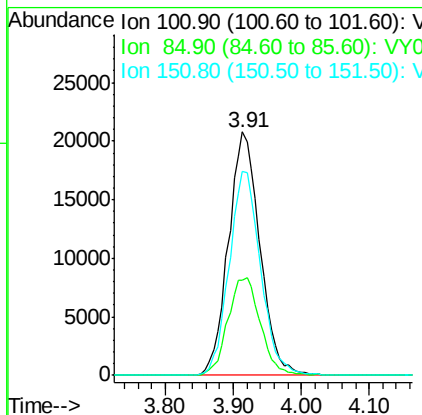
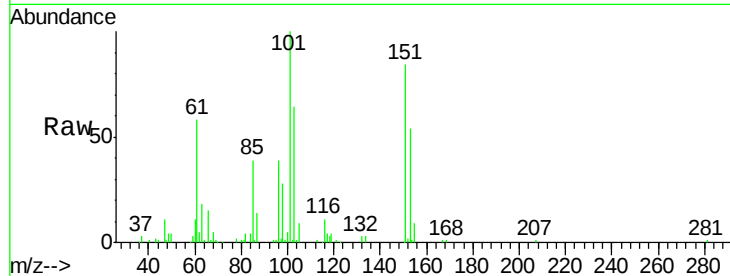
ClientSampleId :

VY0506SBS01

Tot Ion:	101	Resp:	66858
Ion Ratio	Lower	Upper	
101	100		
85	41.3	33.4	50.2
151	83.4	66.8	100.2

Manual Integrations
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MMDadoda
5/7/2020 10:35:23 AM



#10

Methyl Iodide

Concen: 17.541 ug/l

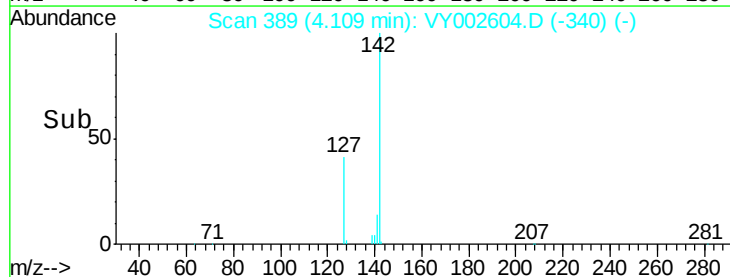
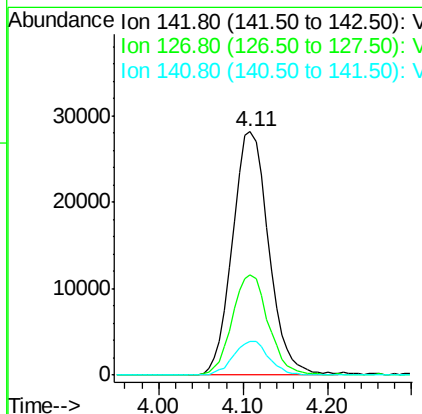
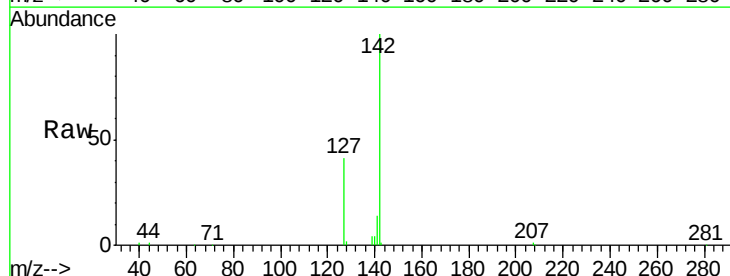
RT: 4.11 min Scan# 389

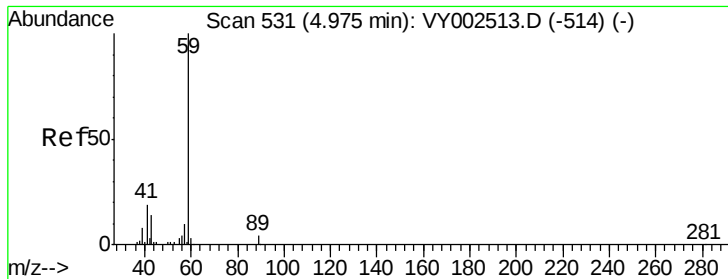
Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Tgt Ion:	142	Resp:	82495
Ion Ratio	Lower	Upper	
142	100		
127	40.9	33.7	50.5
141	13.7	11.4	17.0





#11

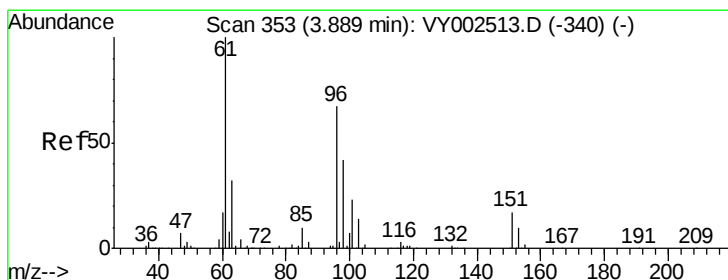
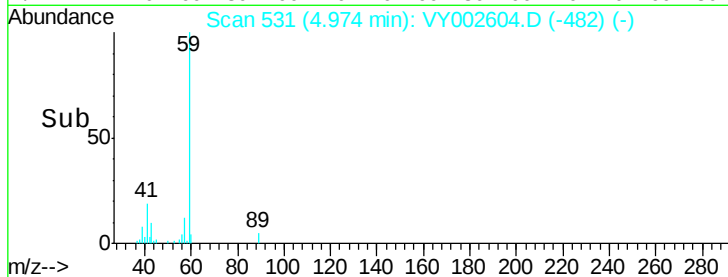
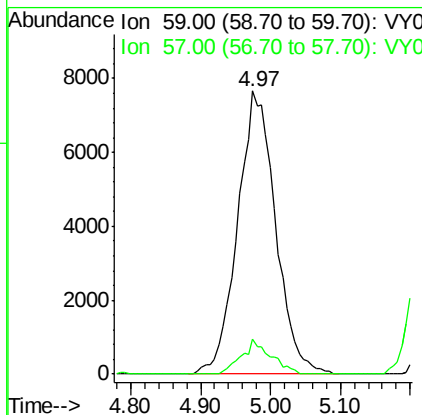
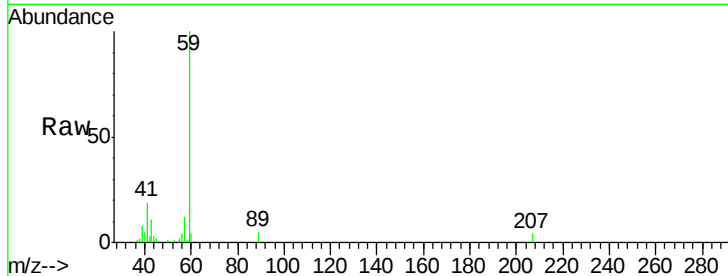
Tert butyl alcohol
 Concen: 85.690 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.8	11.6

Manual Integrations
 APPROVED

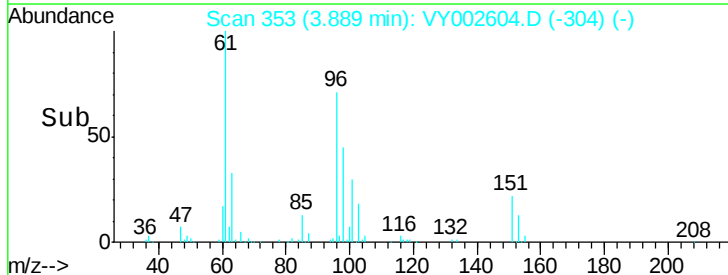
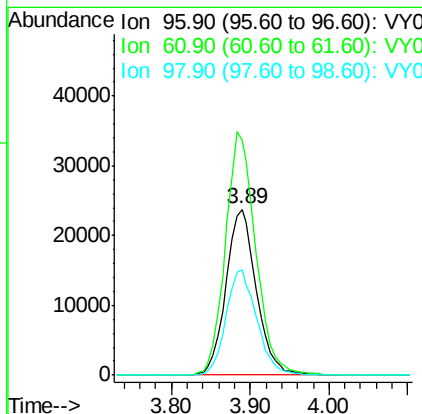
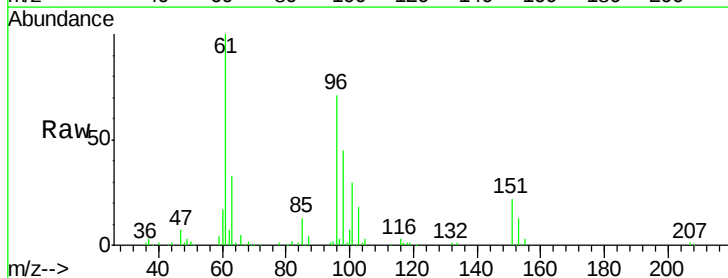
MMDadoda
 5/7/2020 10:35:23 AM

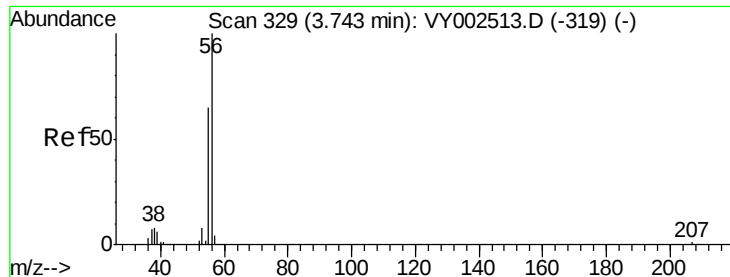


#12

1,1-Dichloroethene
 Concen: 19.037 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.5	118.8	178.2
98	63.4	49.6	74.4





#13

Acrolein

Concen: 77.151 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion: 56 Resp: 17978

Ion Ratio Lower Upper

56 100

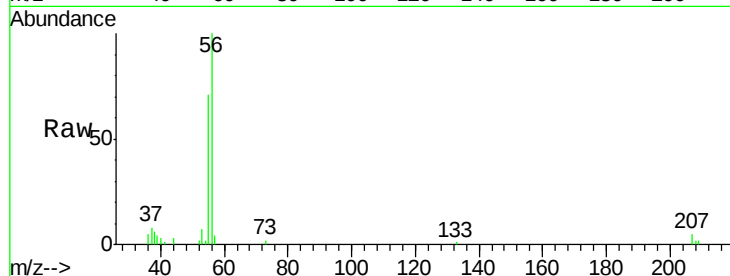
55 70.1 53.8 80.6

Manual Integrations

APPROVED

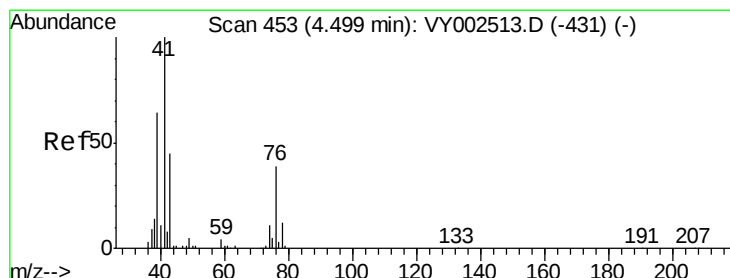
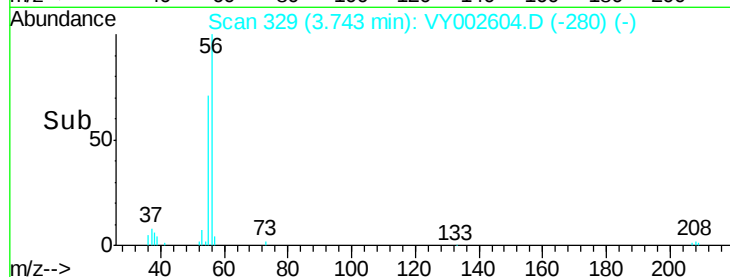
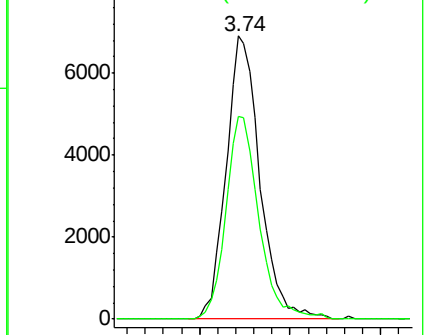
MMDadoda

5/7/2020 10:35:23 AM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 19.612 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

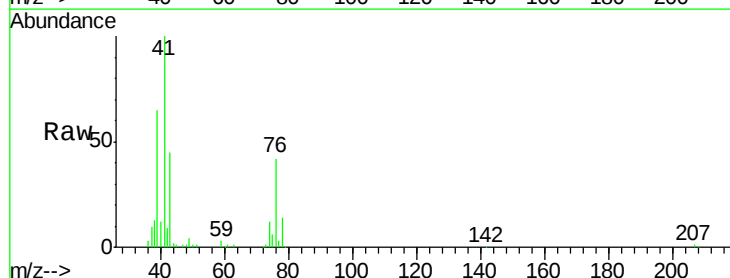
Tgt Ion: 41 Resp: 95825

Ion Ratio Lower Upper

41 100

39 62.7 51.8 77.6

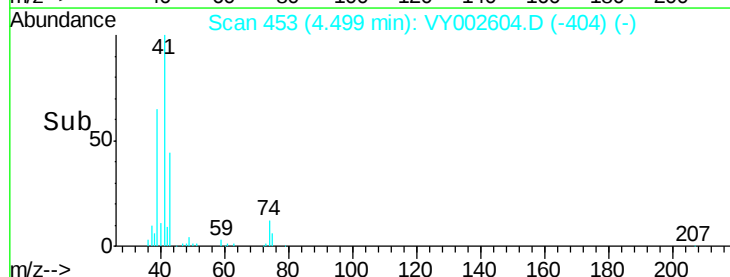
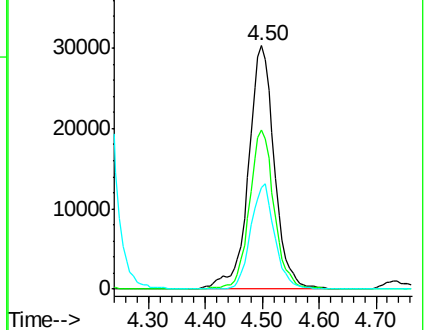
76 39.9 31.7 47.5

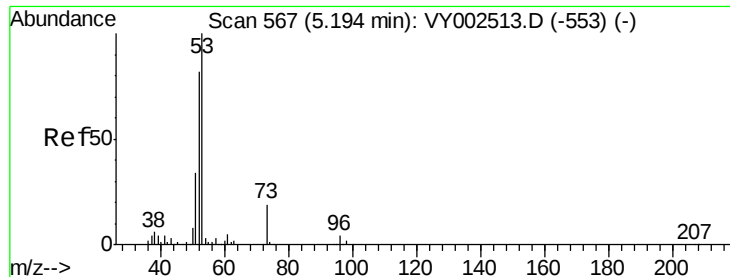


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 96.061 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

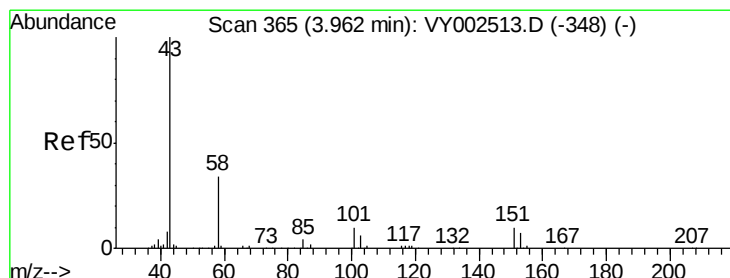
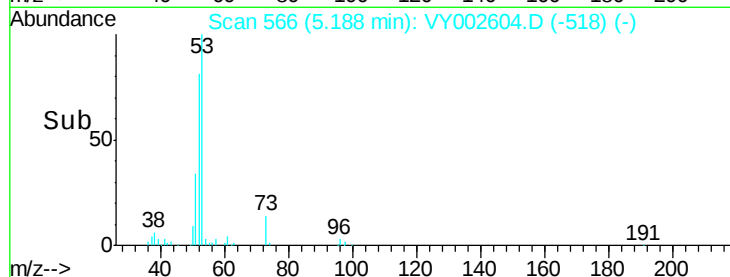
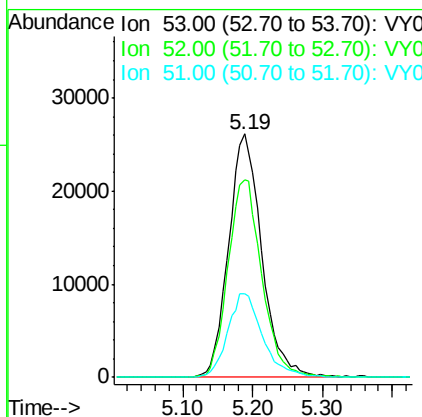
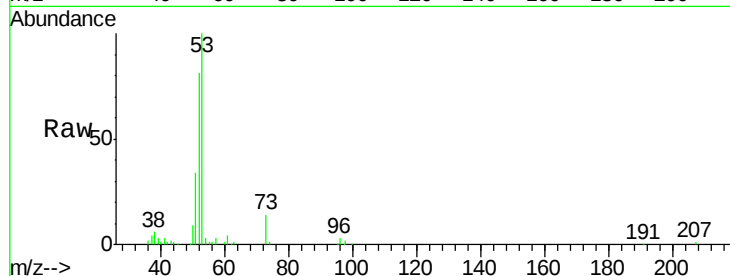
ClientSampleId :

VY0506SBS01

Tot Ion:	53	Resp:	85982
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.4	98.0
51	36.2	28.7	43.1

Manual Integrations
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5/7/2020 10:35:23 AM



#16

Acetone

Concen: 90.056 ug/l

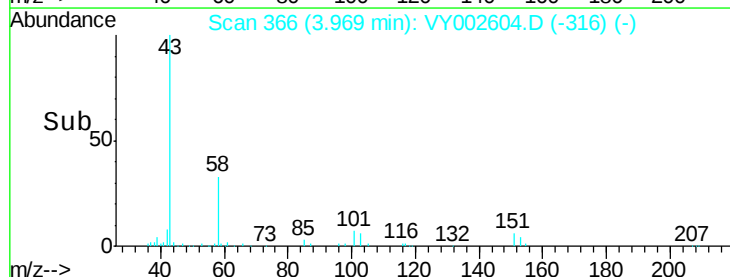
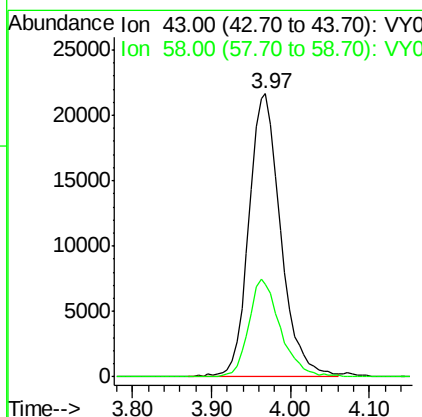
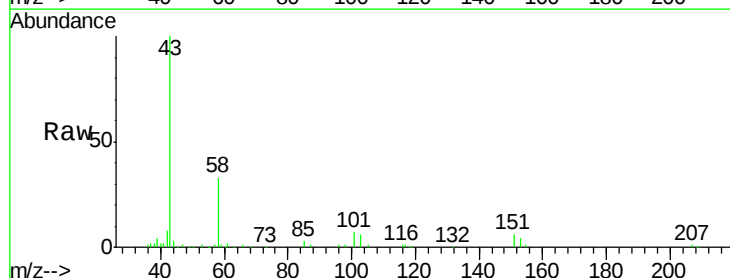
RT: 3.97 min Scan# 366

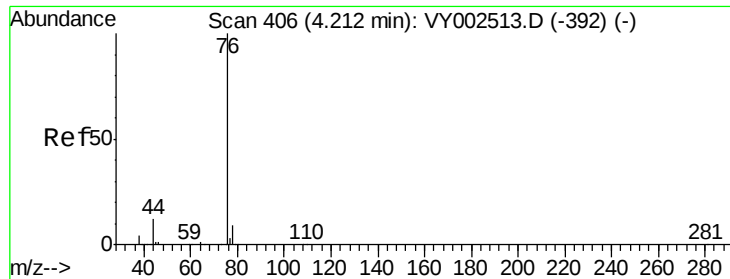
Delta R.T. 0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Tgt Ion:	43	Resp:	60875
Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.9	40.3





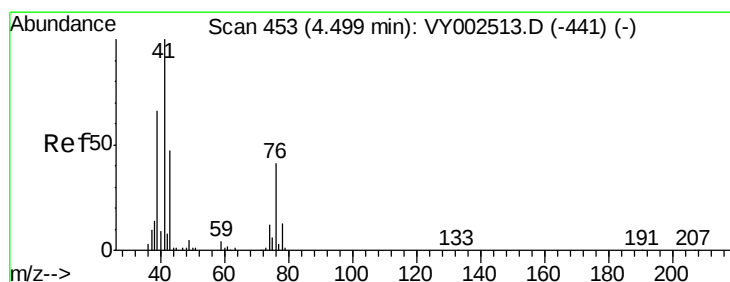
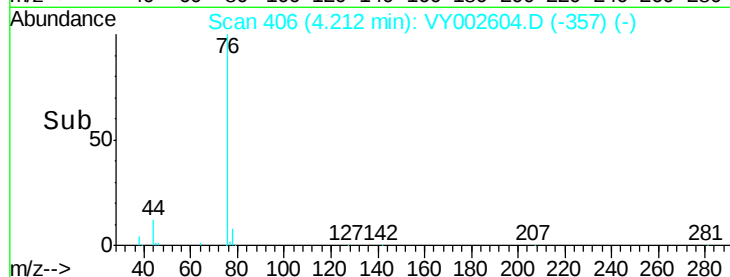
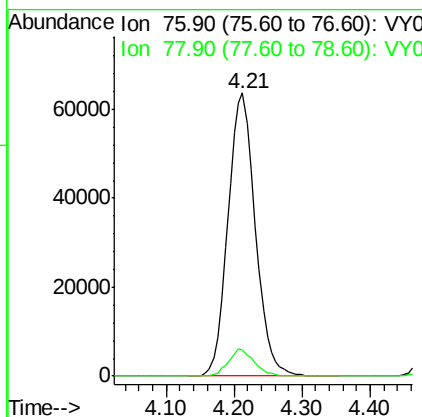
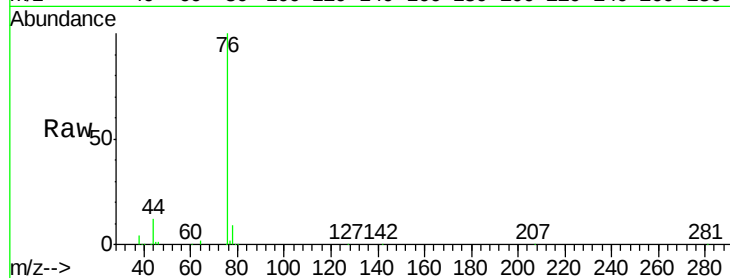
#17
Carbon Disulfide
Concen: 17.594 ug/l
RT: 4.21 min Scan# 406
Delta R.T. 0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	Ratio	Resp	Lower	Upper
76	100	177500		
78	9.1		7.4	11.2

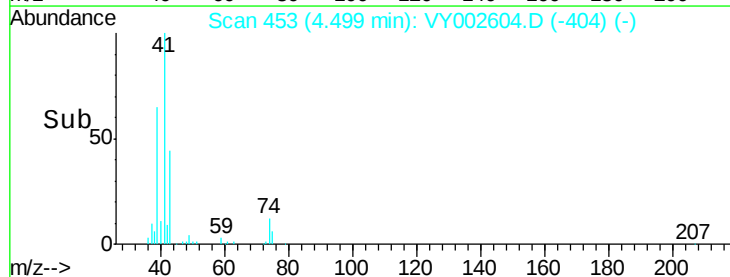
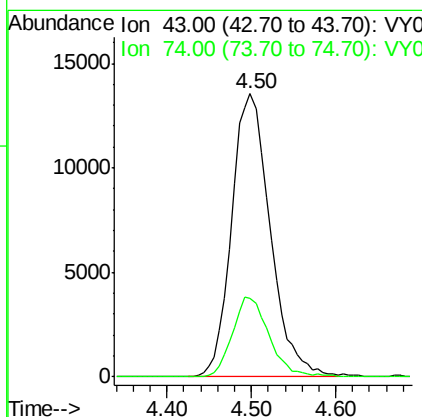
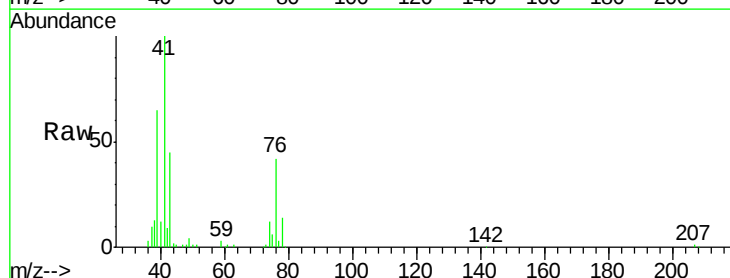
Manual Integrations
APPROVED

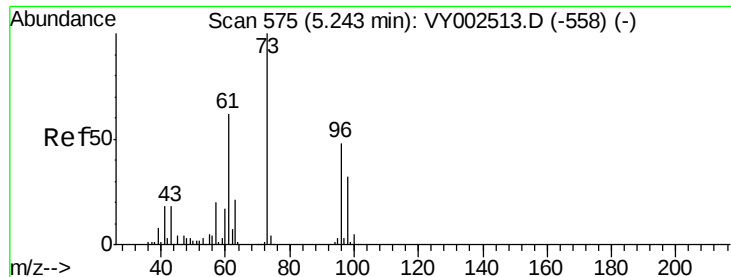
MMDadoda
5/7/2020 10:35:23 AM



#18
Methyl Acetate
Concen: 18.627 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	42071		
74	26.6		21.2	31.8





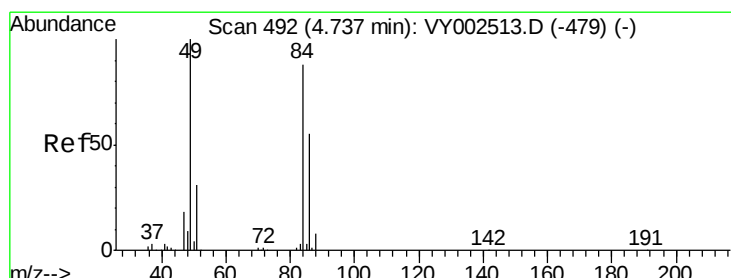
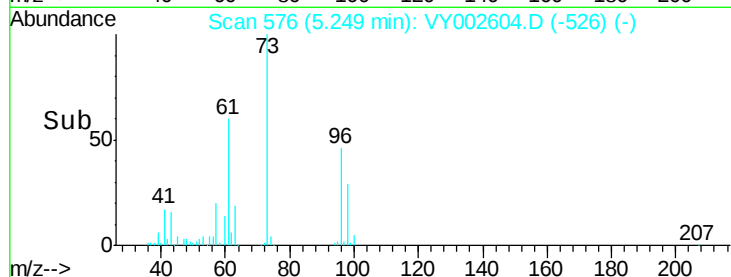
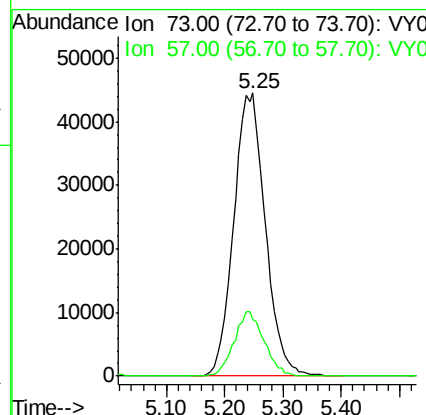
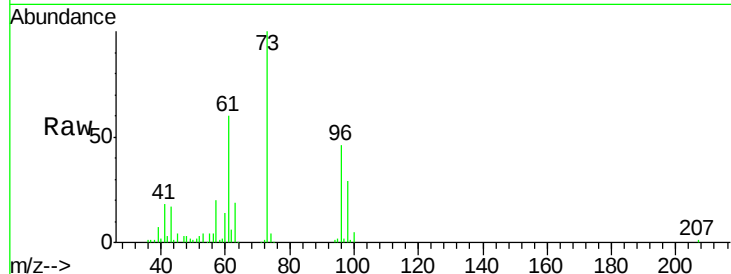
#19
Methvl tert-butvl Ether
Concen: 19.146 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion: 73 Resp: 167510
Ion Ratio Lower Upper
73 100
57 20.3 16.3 24.5

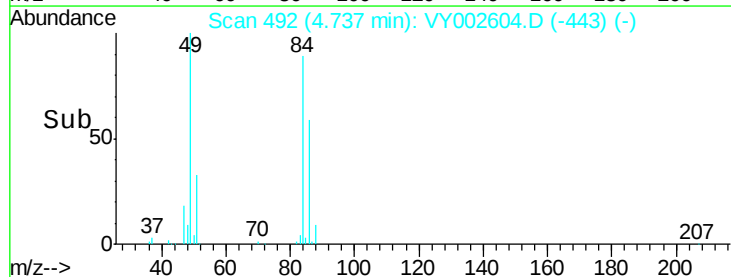
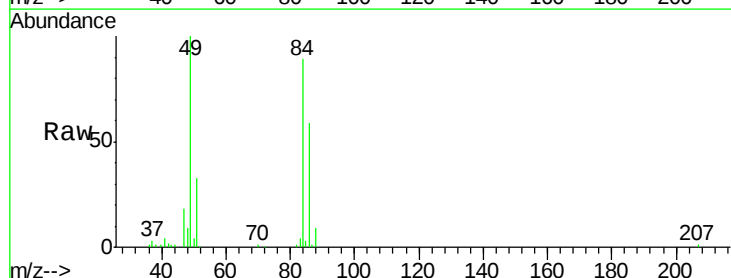
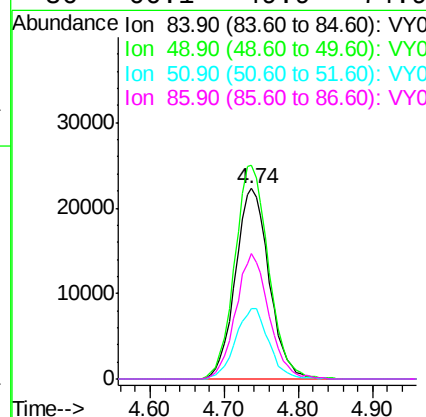
Manual Integrations
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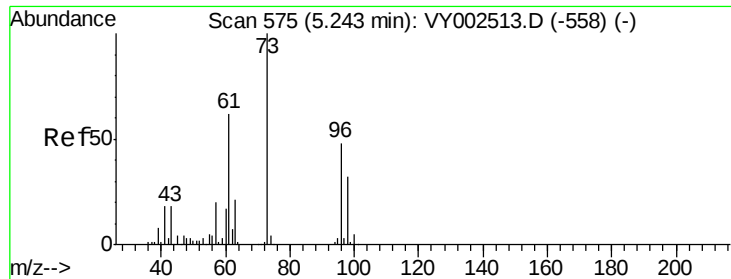
MMDadoda
5/7/2020 10:35:23 AM



#20
Methylene Chloride
Concen: 18.765 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion: 84 Resp: 70934
Ion Ratio Lower Upper
84 100
49 112.2 90.5 135.7
51 37.0 28.3 42.5
86 66.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.339 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

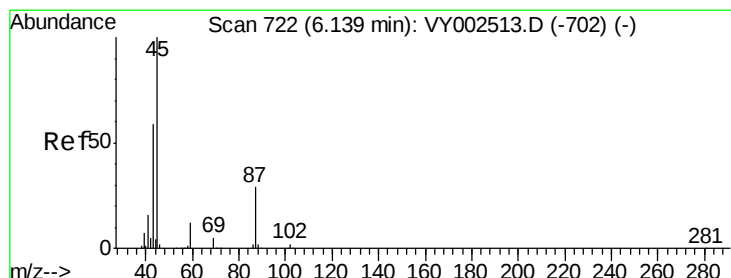
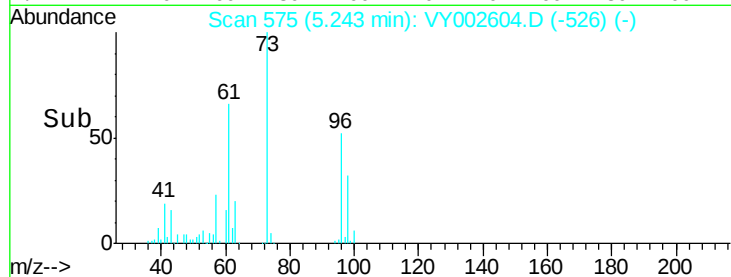
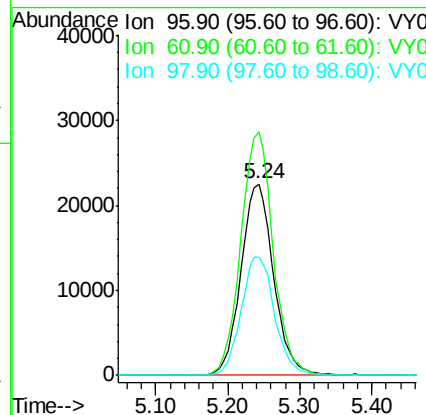
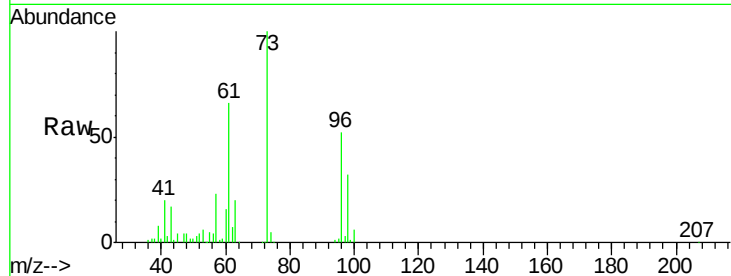
ClientSampleId :

VY0506SBS01

Tot Ion:	96	Resp:	70881
Ion	Ratio	Lower	Upper
96	100		
61	127.1	102.0	153.0
98	61.8	53.0	79.4

Manual Integrations
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5/7/2020 10:35:23 AM



#22

Diisopropyl ether

Concen: 20.158 ug/l

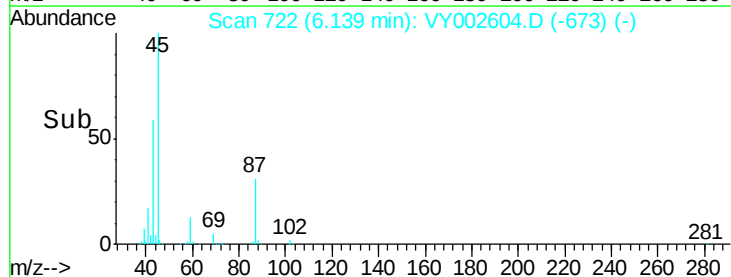
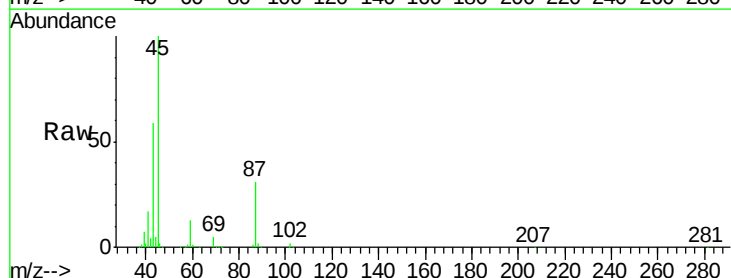
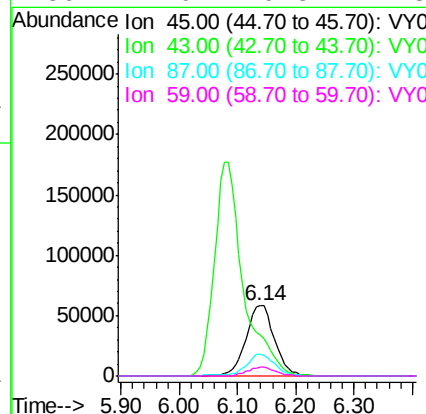
RT: 6.14 min Scan# 722

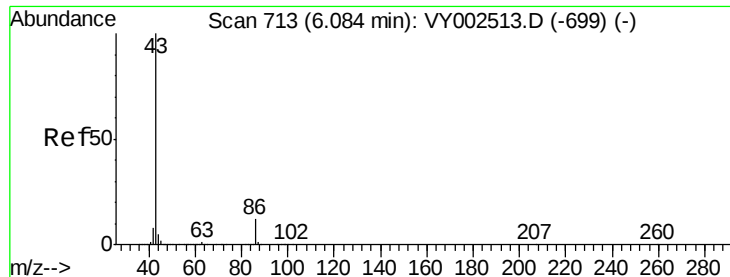
Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Tgt Ion:	45	Resp:	199285
Ion	Ratio	Lower	Upper
45	100		
43	58.4	47.4	71.0
87	30.8	24.0	36.0
59	12.9	9.8	14.8





#23

Vinyl Acetate

Concen: 97.707 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion: 43 Resp: 607483

Ion Ratio Lower Upper

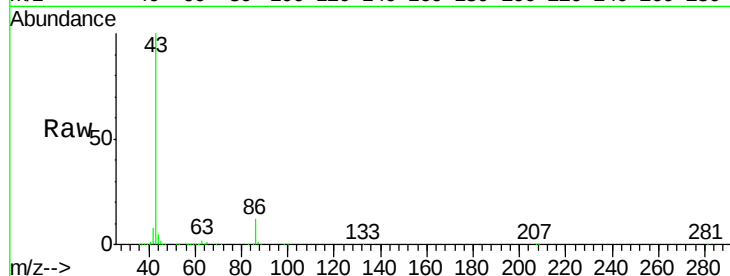
43 100

86 11.7 9.8 14.6

Manual Integrations
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MMDadoda

5/7/2020 10:35:23 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

200000

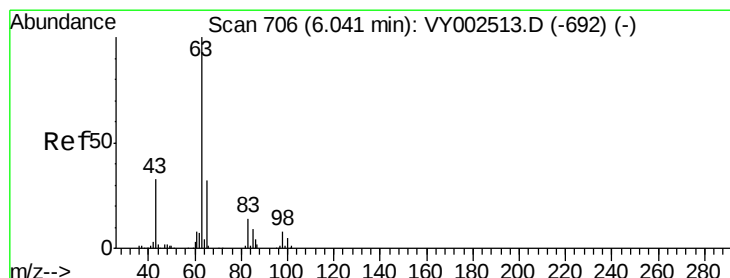
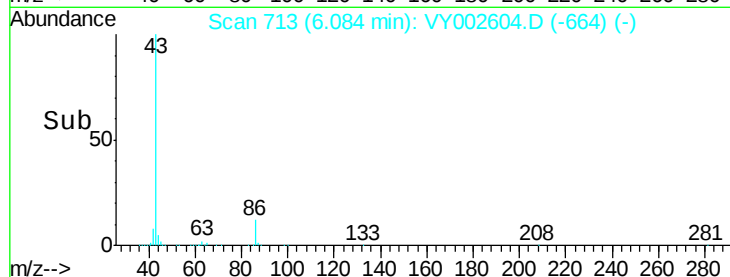
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.997 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

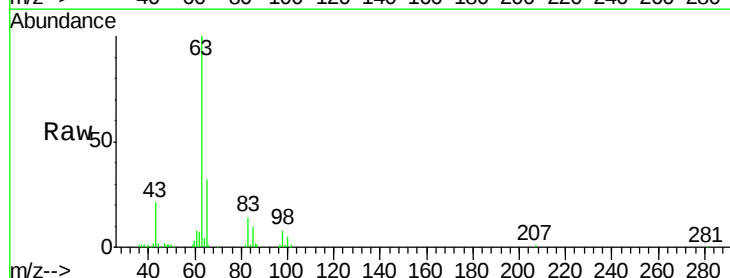
Tgt Ion: 63 Resp: 116956

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

100 5.2 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.04

50000

40000

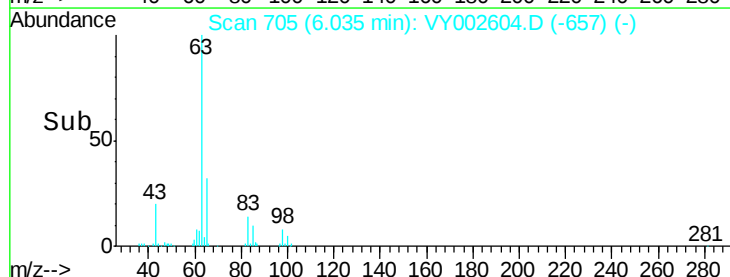
30000

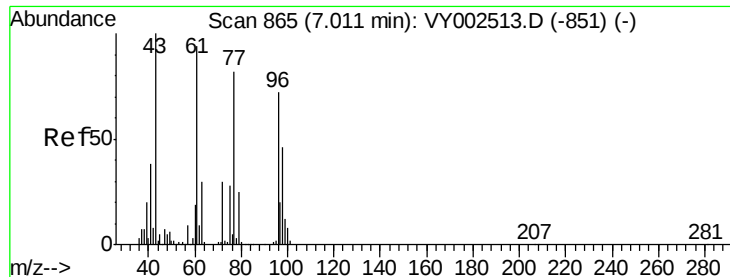
20000

10000

0

Time-->





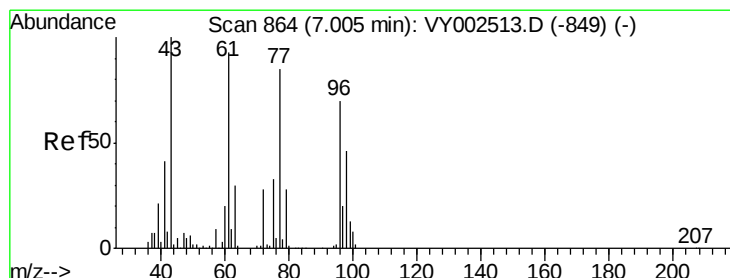
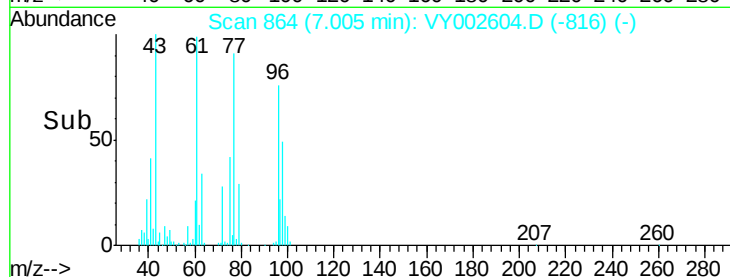
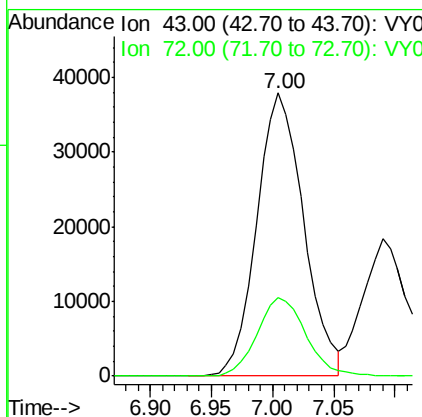
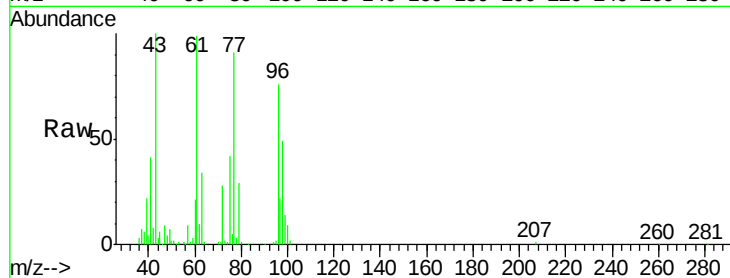
#25
2-Butanone
Concen: 91.461 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	43	Resp	101203
Ion Ratio	Lower	Upper	
43	100		
72	28.0	24.1	36.1

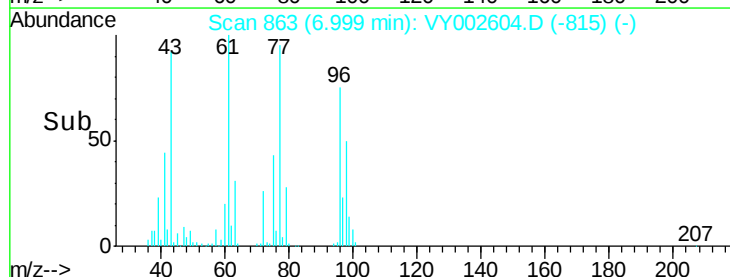
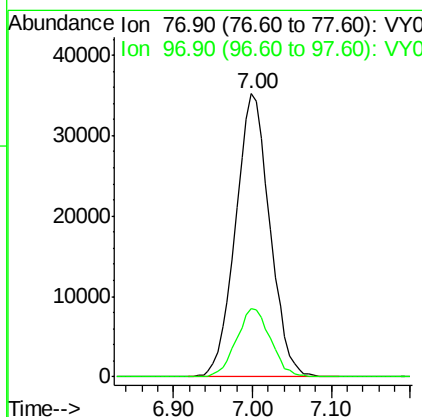
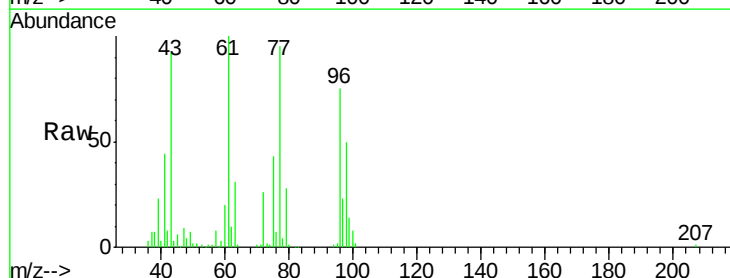
Manual Integrations
APPROVED

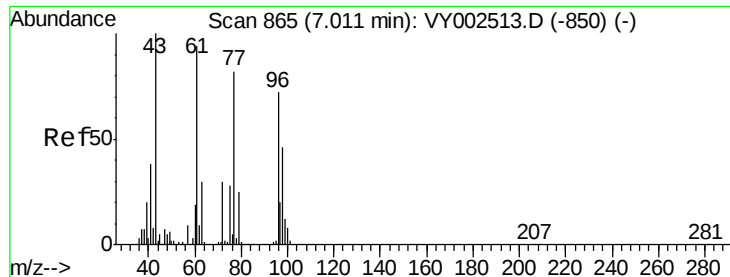
MMDadoda
5/7/2020 10:35:23 AM



#26
2,2-Dichloropropane
Concen: 19.111 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion	77	Resp	106245
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
77	100		
97	24.0	11.9	35.5





#27

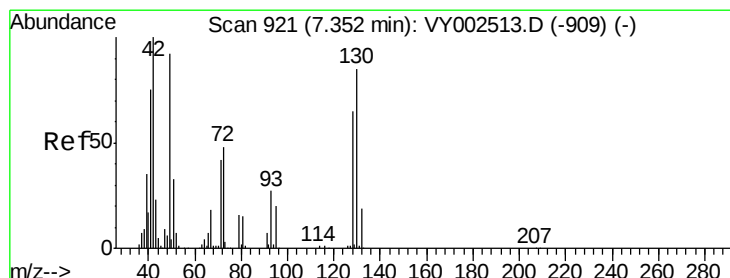
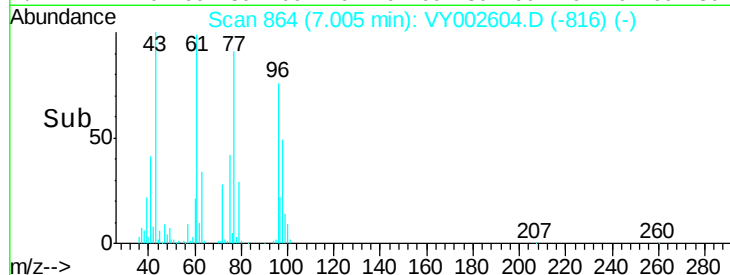
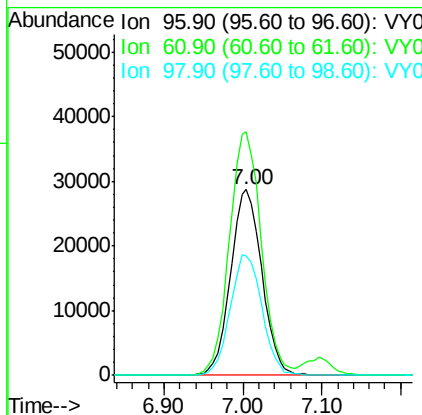
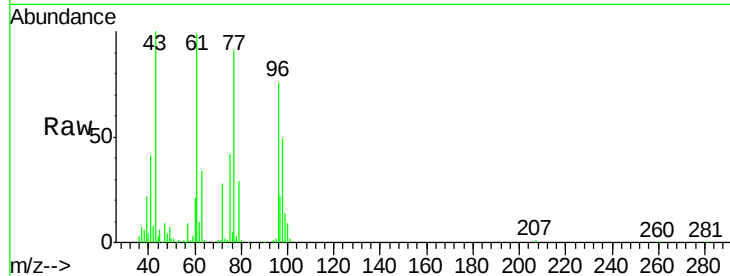
cis-1,2-Dichloroethene
 Concen: 19.584 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		79423		
61	133.3	0.0	266.6		
98	66.0	0.0	129.2		

Manual Integrations
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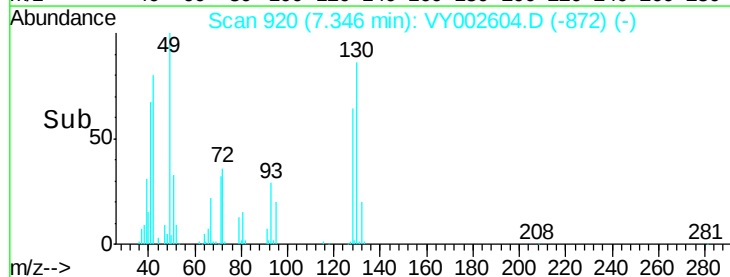
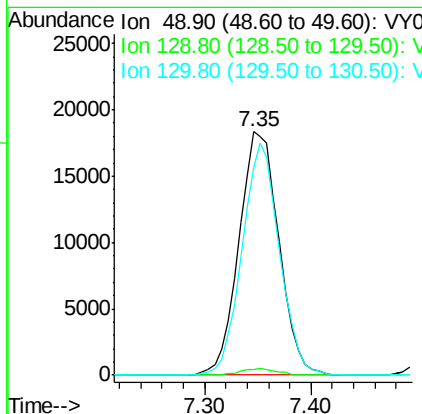
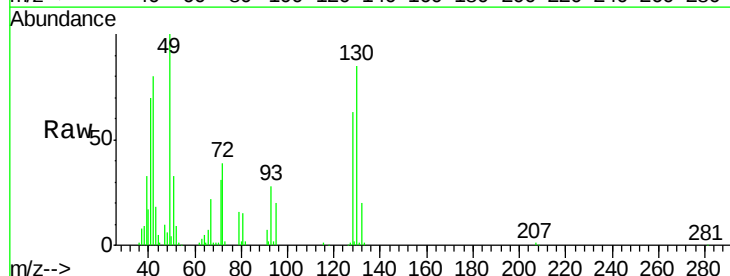
MMDadoda
 5/7/2020 10:35:23 AM

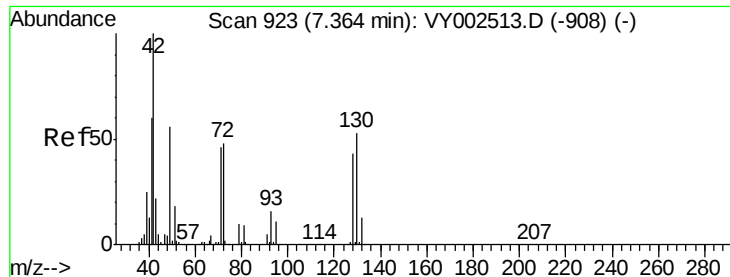


#28

Bromochloromethane
 Concen: 20.101 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		48168		
129	2.3	0.0	4.8		
130	89.3	72.5	108.7		





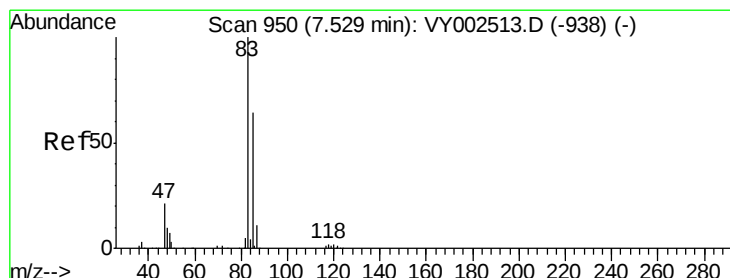
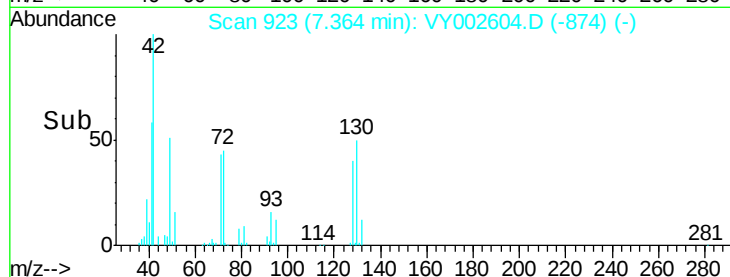
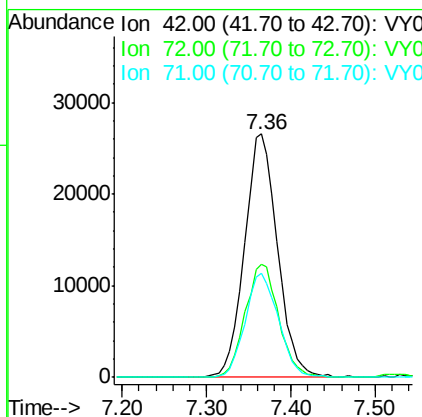
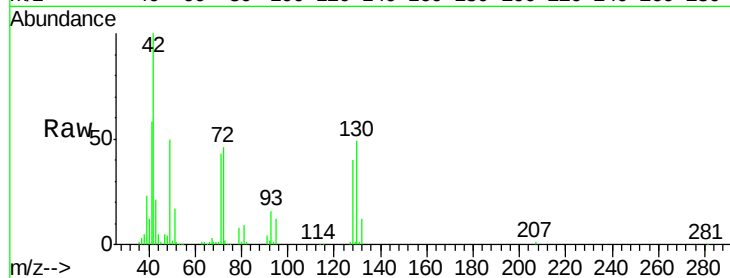
#29
Tetrahydrofuran
Concen: 96.860 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.4	56.2
71	43.1	35.0	52.4

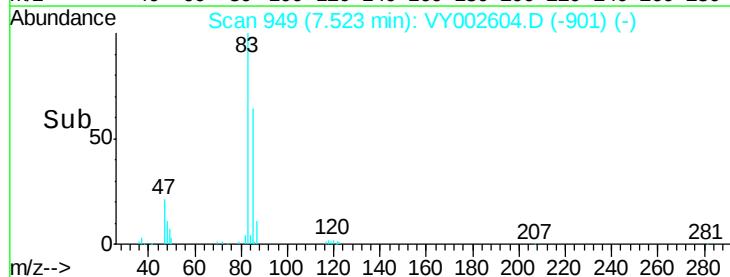
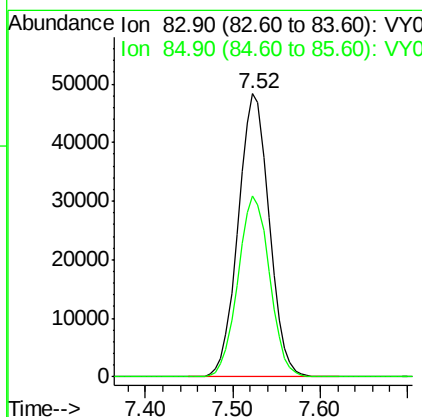
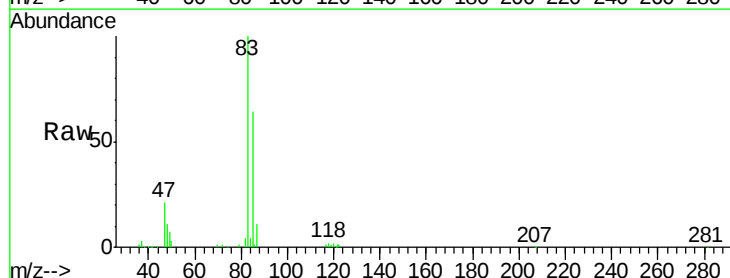
Manual Integrations
APPROVED

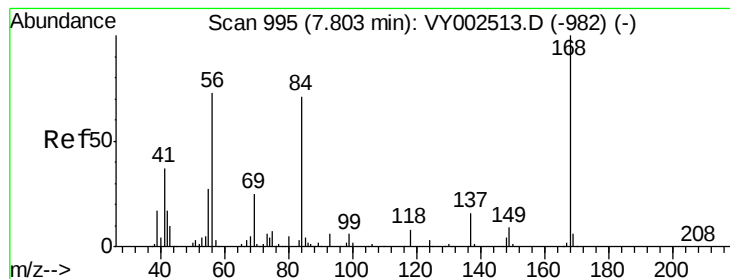
MMDadoda
5/7/2020 10:35:23 AM



#30
Chloroform
Concen: 19.589 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.5	77.3





#31

Cyclohexane

Concen: 18.802 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

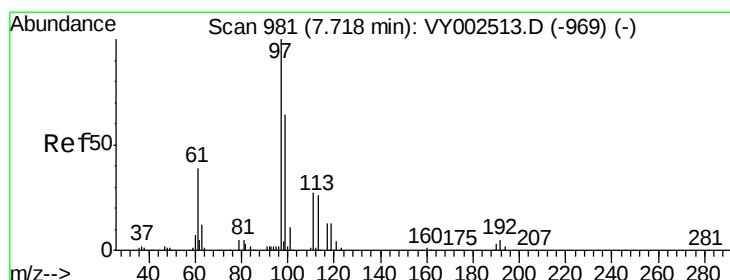
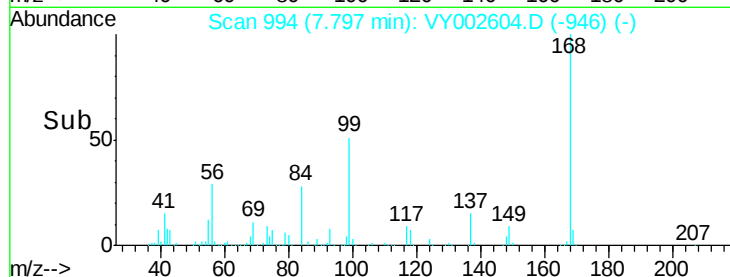
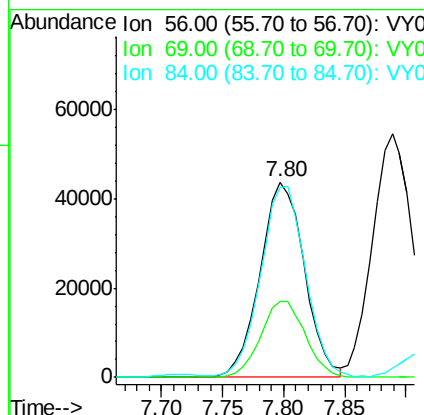
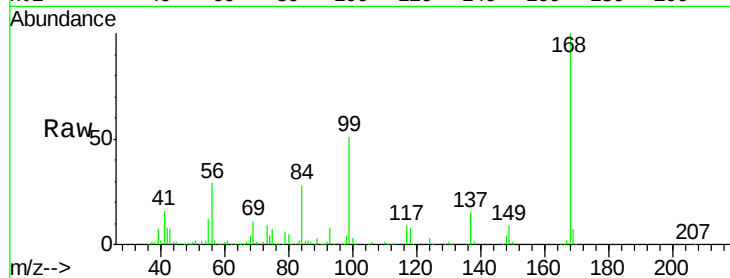
ClientSampleId :

VY0506SBS01

Tot Ion:	56	Resp:	110689
Ion	Ratio	Lower	Upper
56	100		
69	38.9	27.6	41.4
84	95.7	77.7	116.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.281 ug/l

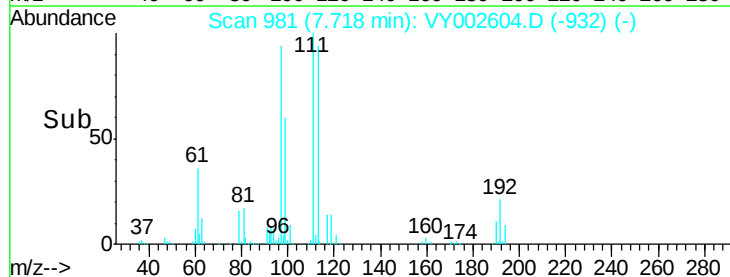
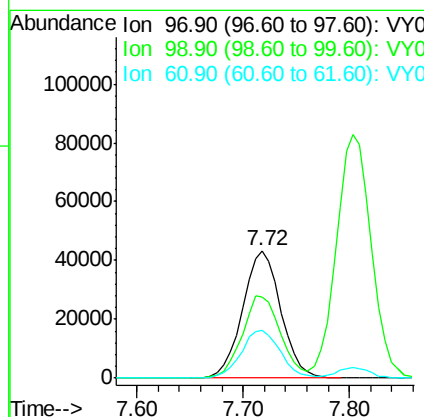
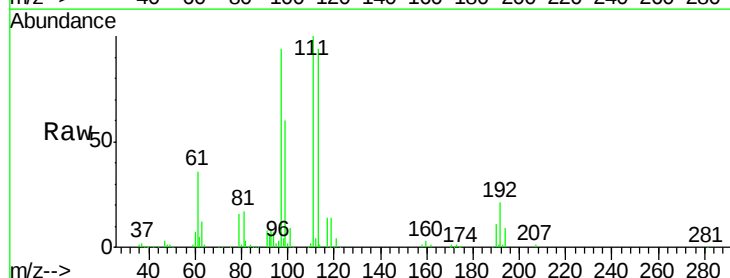
RT: 7.72 min Scan# 981

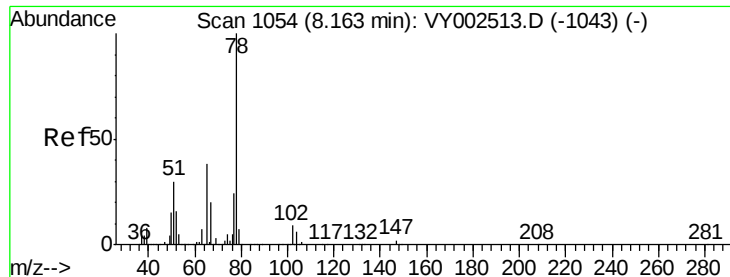
Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Tgt Ion:	97	Resp:	108983
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.9	77.9
61	38.6	31.0	46.6





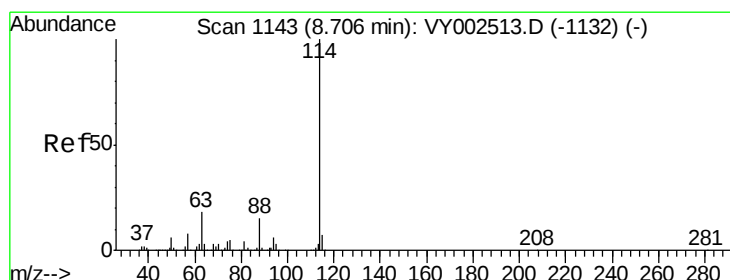
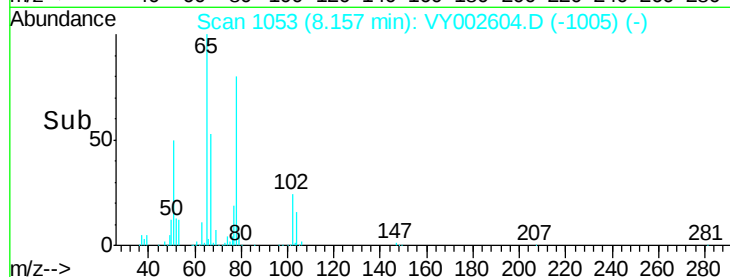
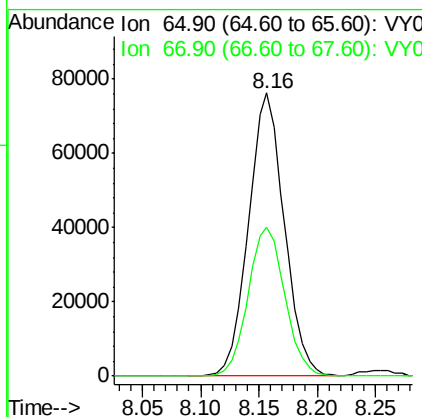
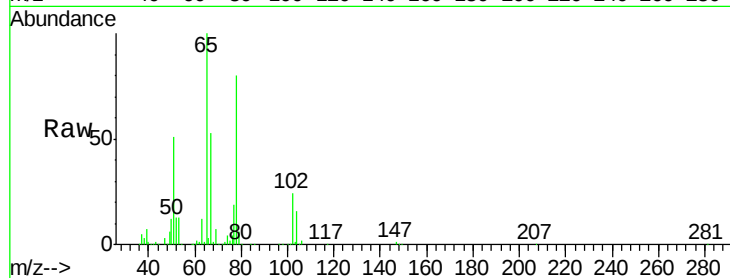
#33
 1,2-Dichloroethane-d4
 Concen: 49.800 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	163113		
67	54.0	0.0	107.2	

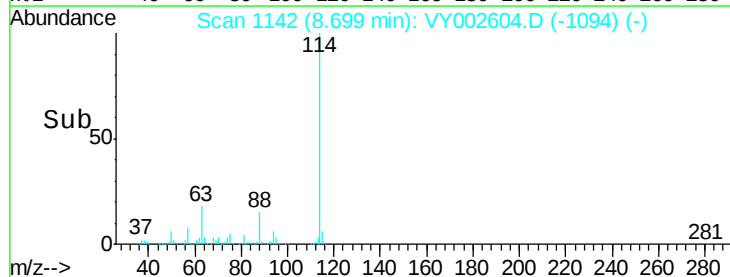
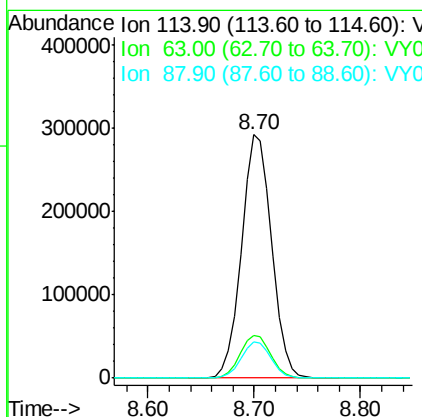
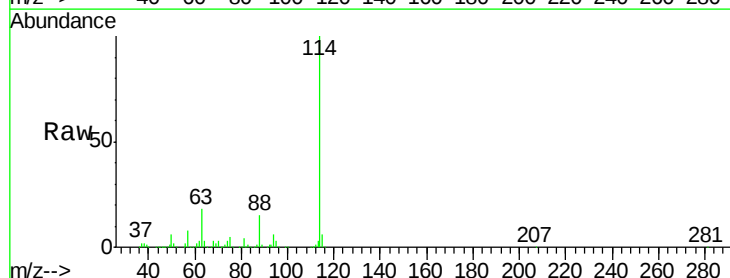
Manual Integrations
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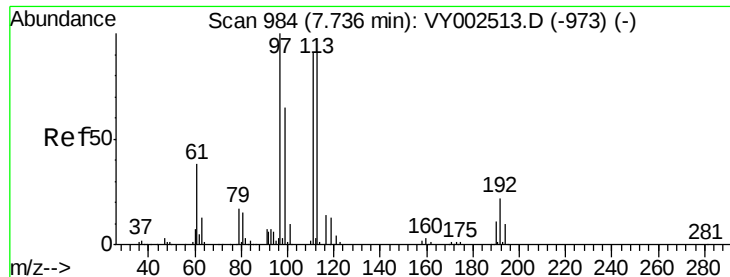
MMDadoda
 5/7/2020 10:35:23 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	579545		
63	17.6	0.0	36.4	
88	14.9	0.0	29.6	





#35

Dibromofluoromethane

Concen: 52.122 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

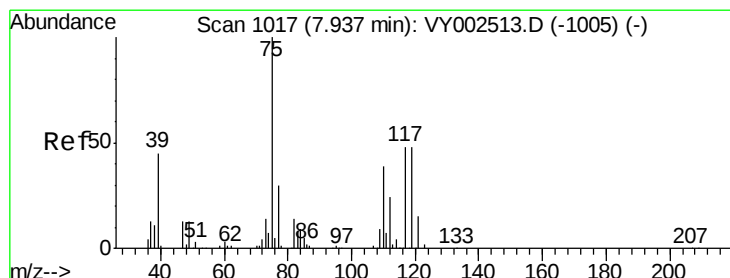
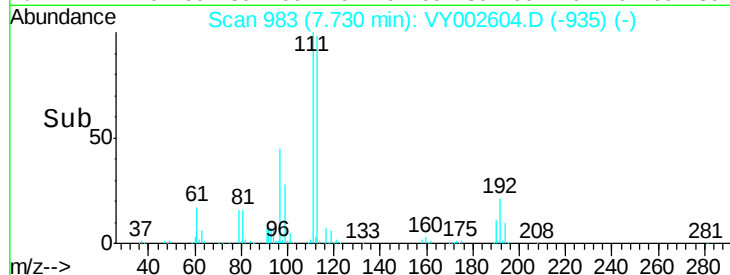
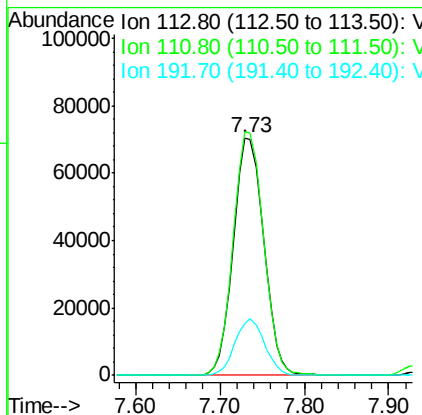
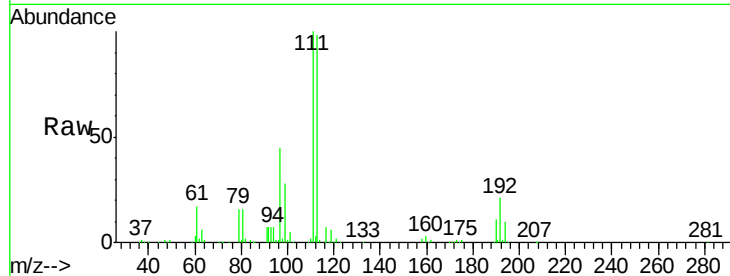
ClientSampleId :

VY0506SBS01

Tot Ion:	113	Resp:	172755
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.8	122.6
192	23.0	18.2	27.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.079 ug/l

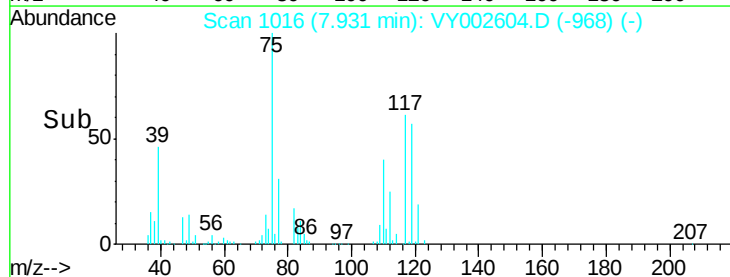
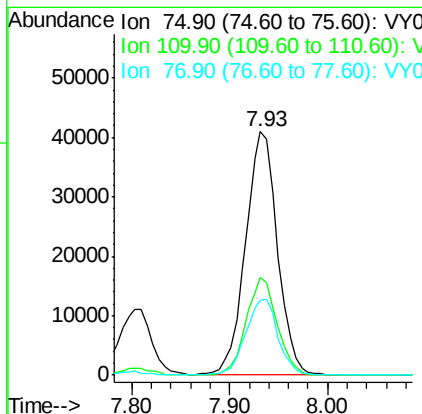
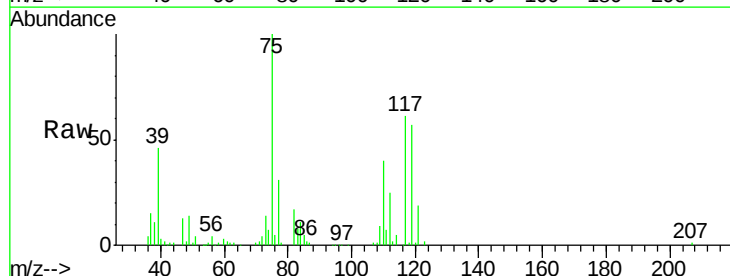
RT: 7.93 min Scan# 1016

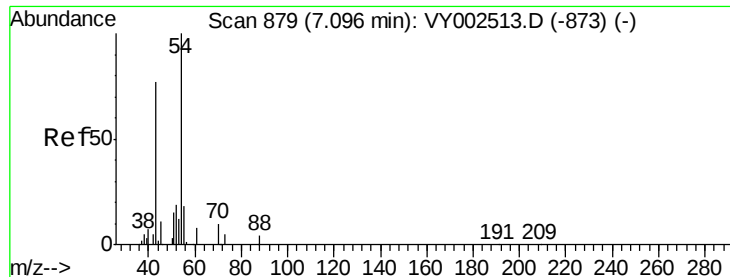
Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Tgt Ion:	75	Resp:	92693
Ion Ratio	Lower	Upper	
75	100		
110	38.7	19.1	57.3
77	31.5	24.6	37.0





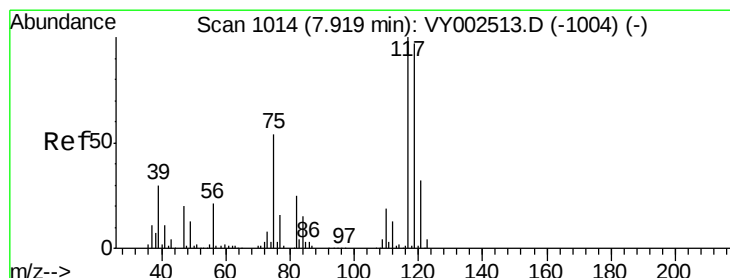
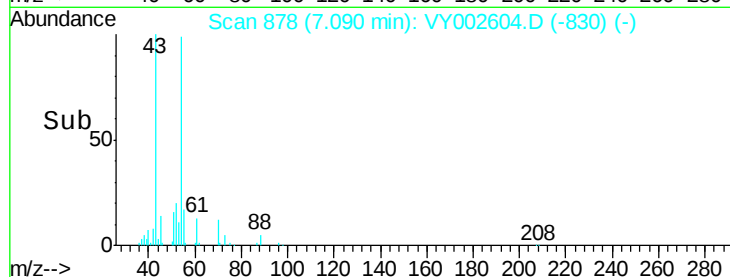
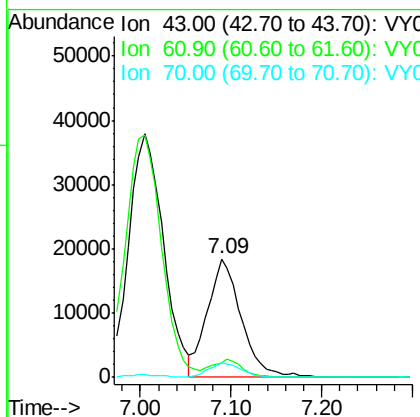
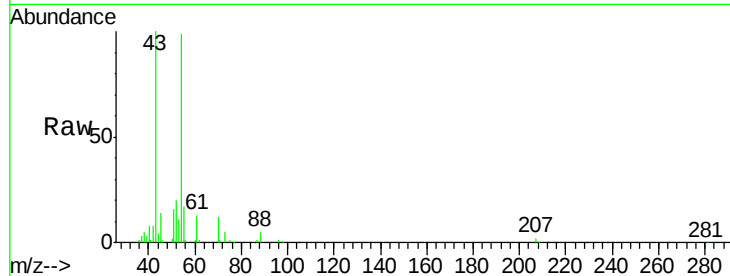
#37
Ethyl Acetate
Concen: 19.254 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.6	17.4
70	11.4	9.0	13.6

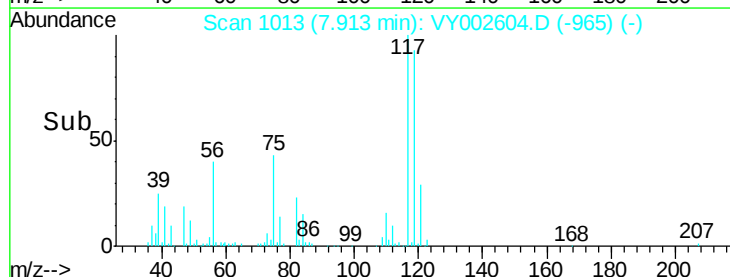
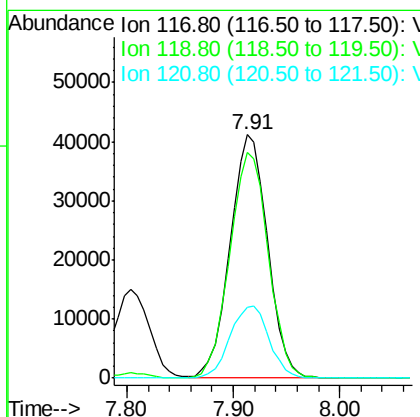
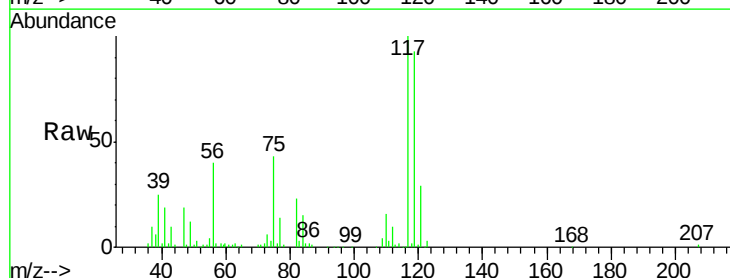
Manual Integrations
APPROVED

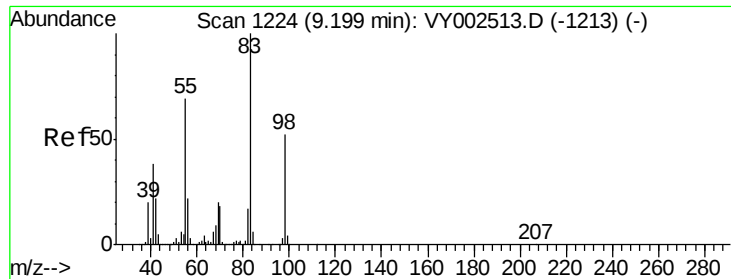
MMDadoda
5/7/2020 10:35:23 AM



#38
Carbon Tetrachloride
Concen: 19.211 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.1	115.7
121	29.1	25.2	37.8





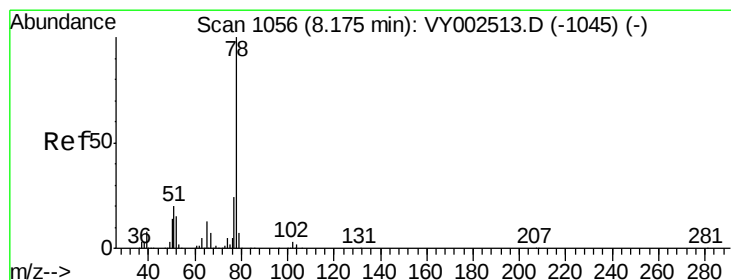
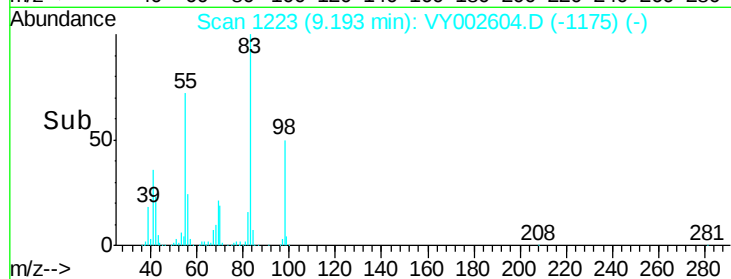
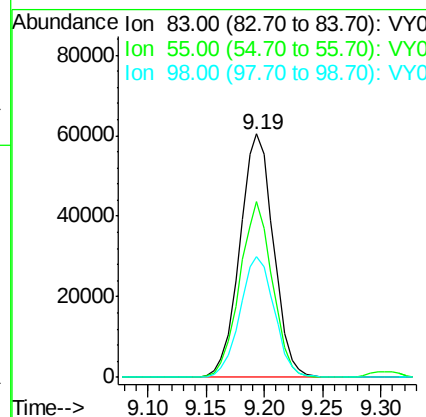
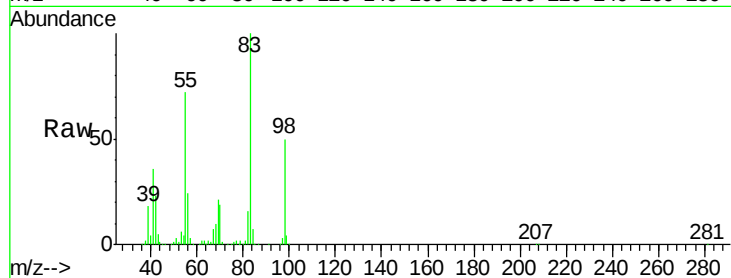
#39
Methvlcvclohexane
Concen: 18.959 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.3	55.4	83.0
98	49.5	41.3	61.9

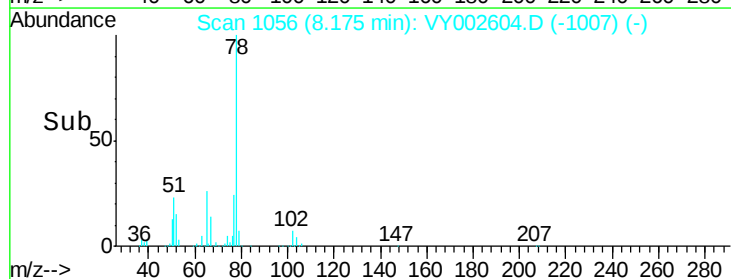
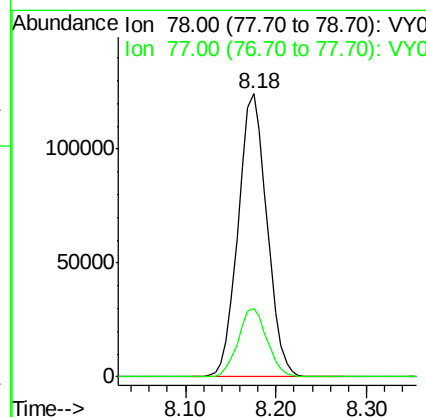
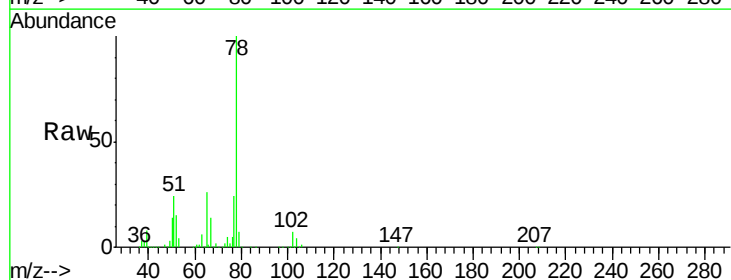
Manual Integrations
APPROVED

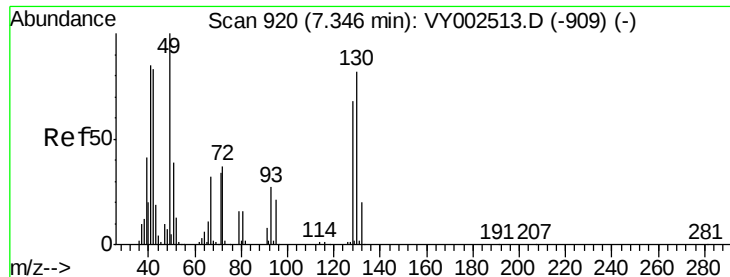
MMDadoda
5/7/2020 10:35:23 AM



#40
Benzene
Concen: 19.480 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8





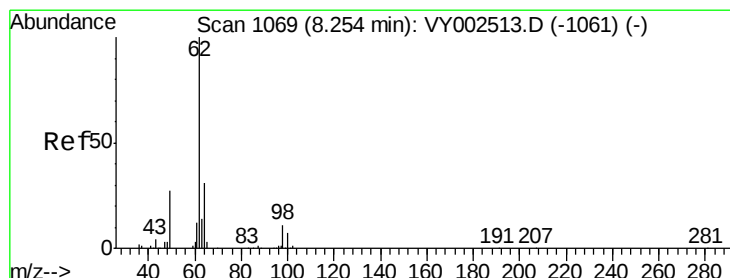
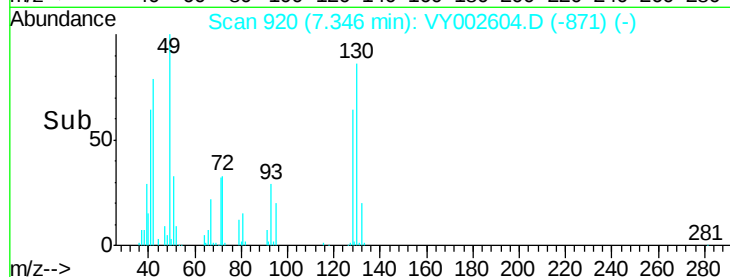
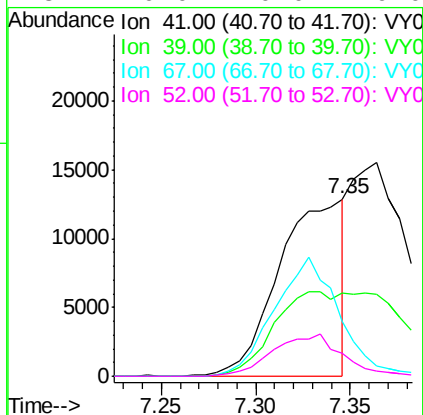
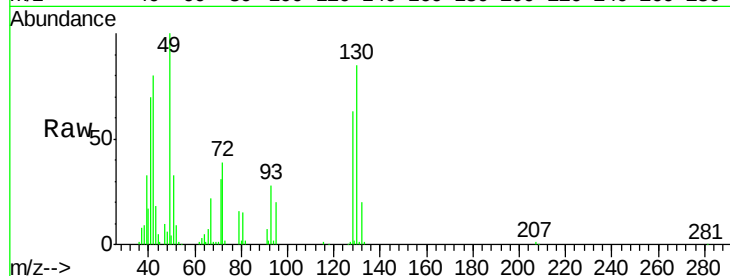
#41
Methacrylonitrile
Concen: 23.303 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	41	Resp	31281
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

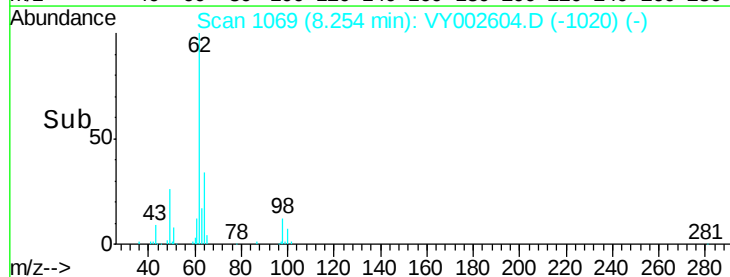
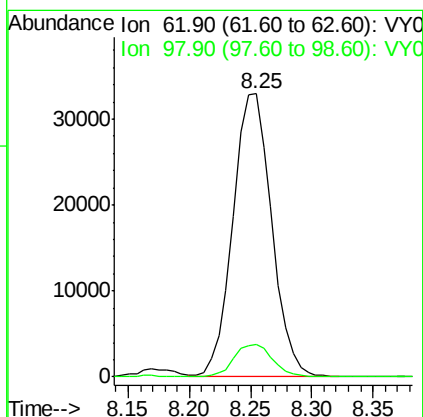
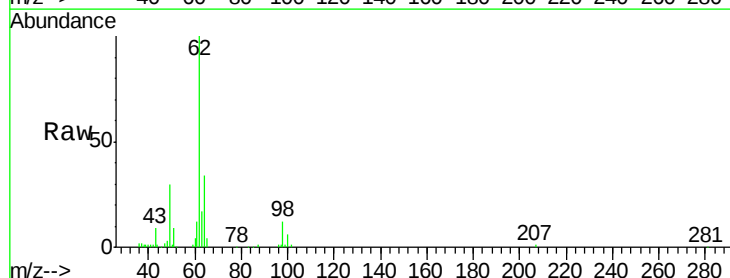
Manual Integrations
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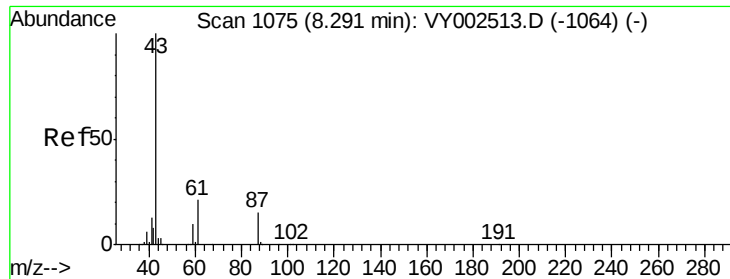
MMDadoda
5/7/2020 10:35:23 AM



#42
1,2-Dichloroethane
Concen: 18.437 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion	62	Resp	72568
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	21.0





#43

Isopropyl Acetate

Concen: 19.316 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

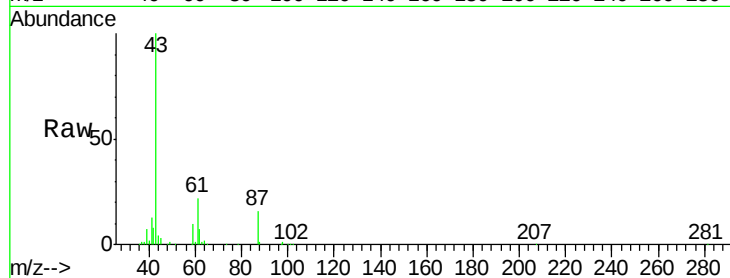
ClientSampleId :

VY0506SBS01

Tot Ion:	43	Resp:	90406
Ion	Ratio	Lower	Upper
43	100		
61	30.4	24.8	37.2
87	14.9	12.2	18.2

Manual Integrations
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MMDadoda
5/7/2020 10:35:23 AM

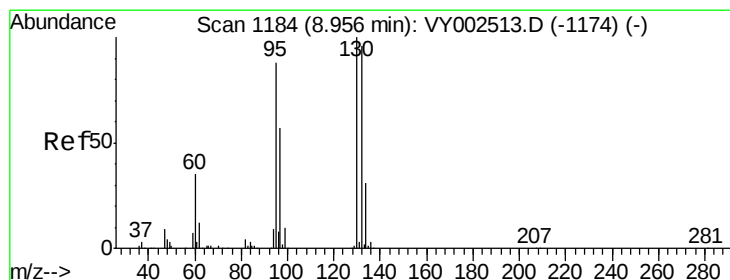
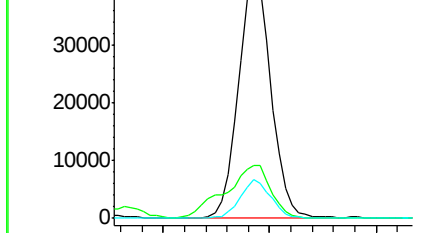
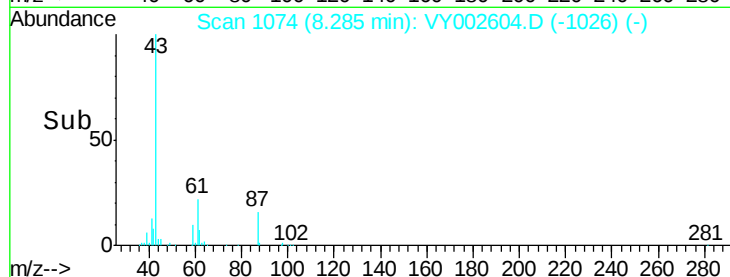


Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY002513.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY002513.D (-1064) (-)

Time-->



#44

Trichloroethene

Concen: 19.686 ug/l

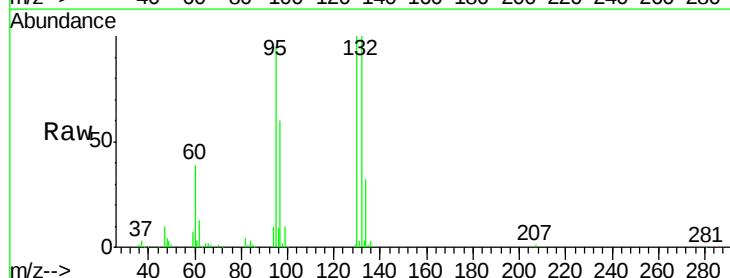
RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

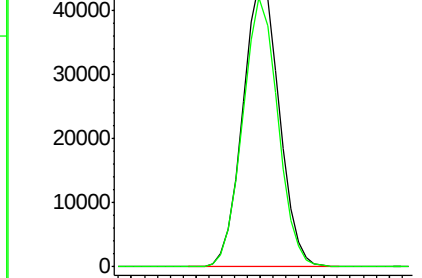
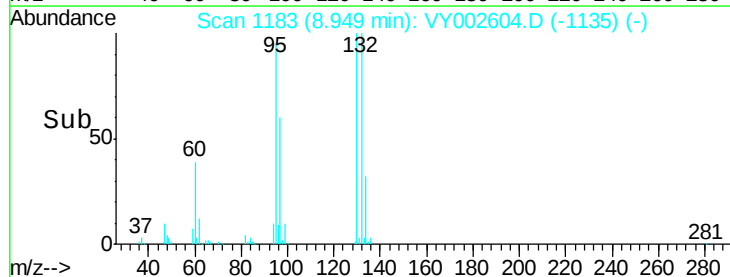
Tgt Ion:	130	Resp:	86328
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	175.8

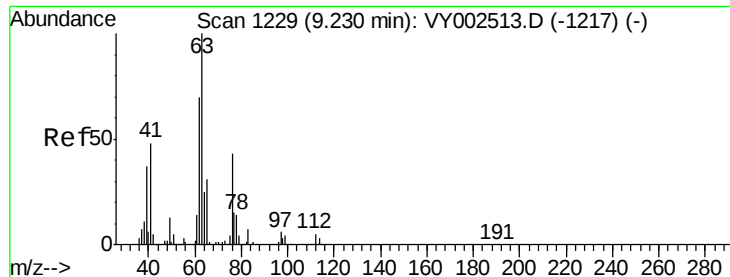


Abundance Ion 129.80 (129.50 to 130.50): VY002513.D (-1174) (-)

Ion 94.90 (94.60 to 95.60): VY002513.D (-1174) (-)

Time-->





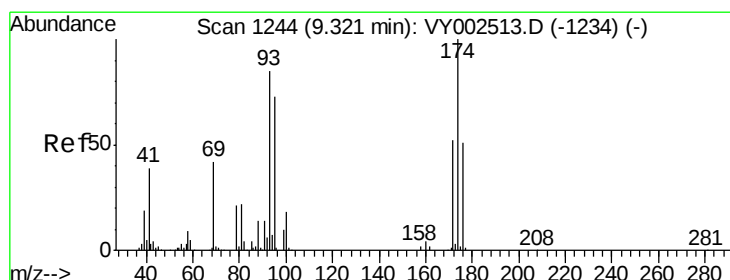
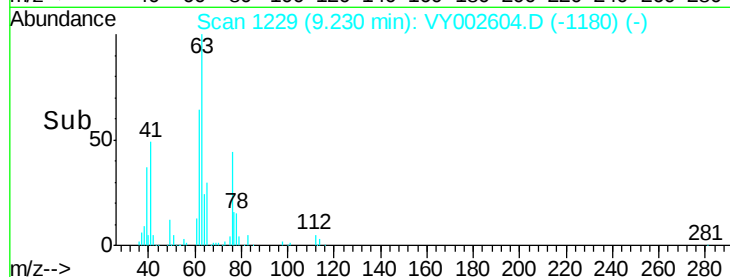
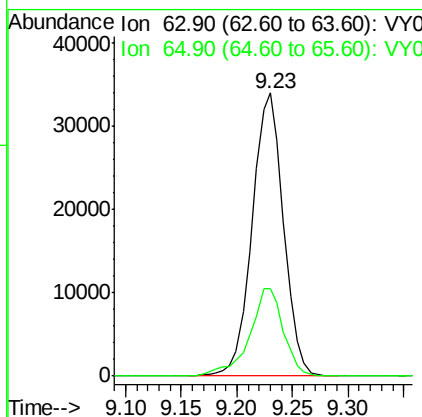
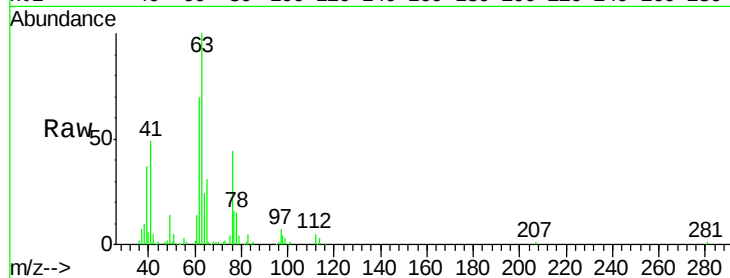
#45
 1,2-Dichloropropane
 Concen: 19.657 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.5	36.7

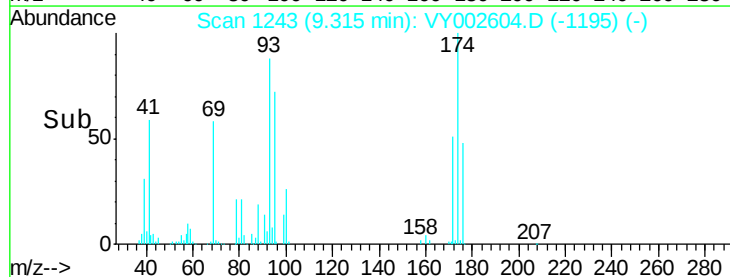
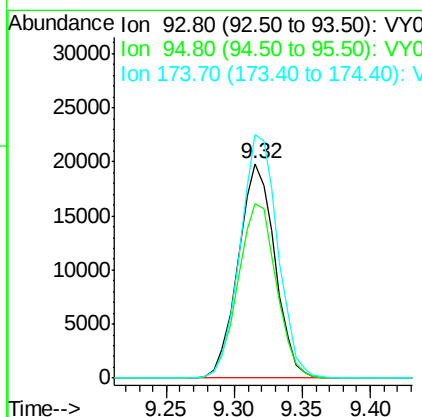
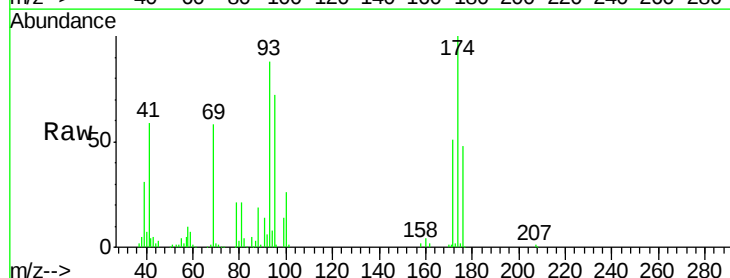
Manual Integrations
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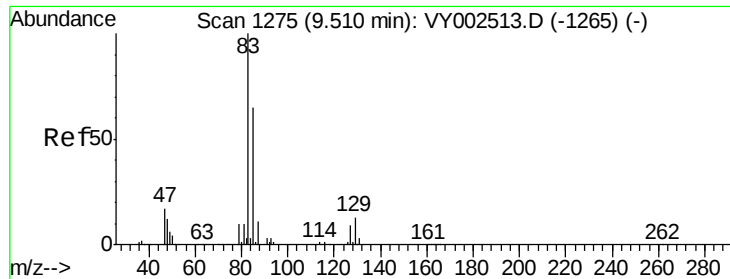
MMDadoda
 5/7/2020 10:35:23 AM



#46
 Dibromomethane
 Concen: 19.137 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.9	67.0	100.4
174	116.5	92.7	139.1





#47

Bromodichloromethane

Concen: 19.404 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

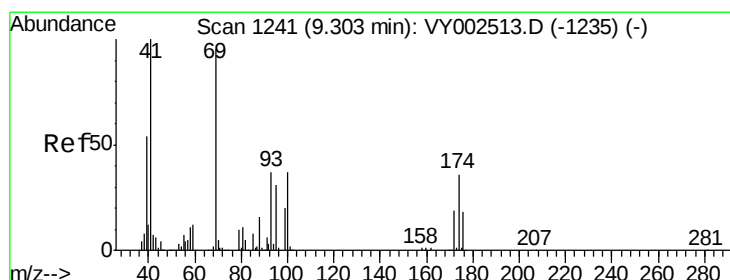
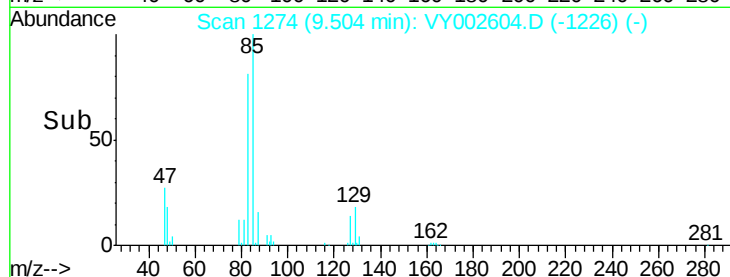
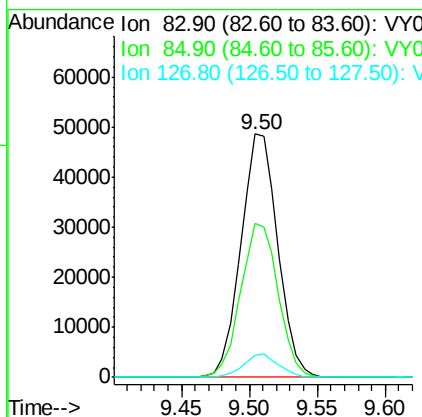
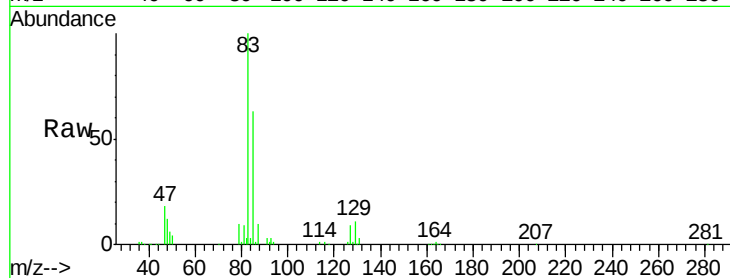
ClientSampleId :

VY0506SBS01

Tot Ion:	83	Resp:	91931
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.8
127	9.1	7.4	11.0

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MMDadoda
5/7/2020 10:35:23 AM



#48

Methyl methacrylate

Concen: 18.752 ug/l

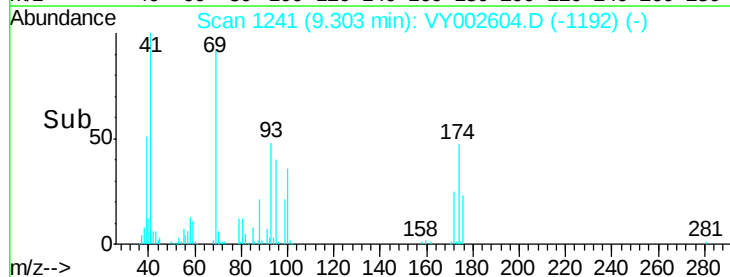
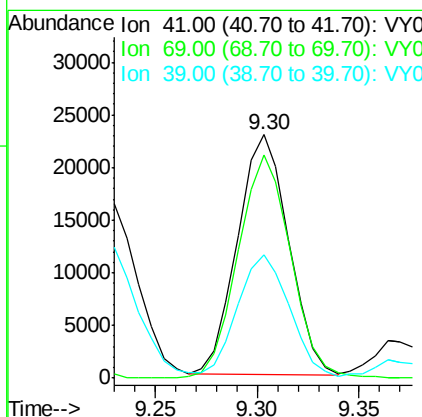
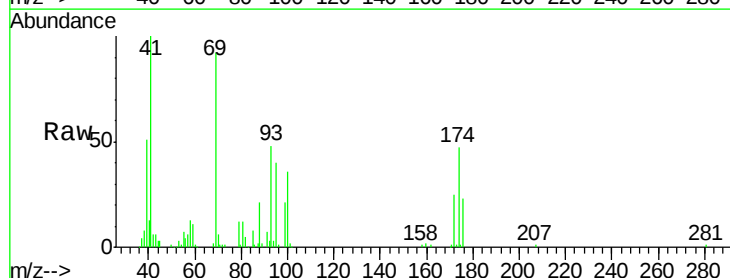
RT: 9.30 min Scan# 1241

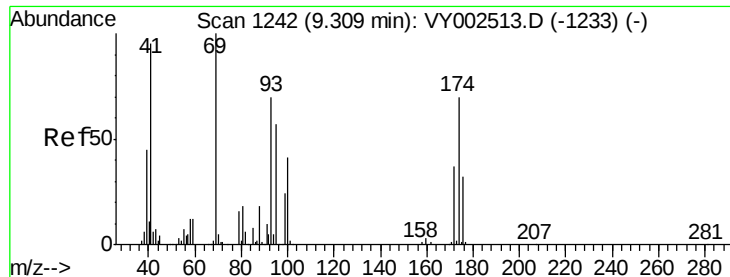
Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Tgt Ion:	41	Resp:	39720
Ion	Ratio	Lower	Upper
41	100		
69	95.9	76.2	114.4
39	51.2	42.7	64.1





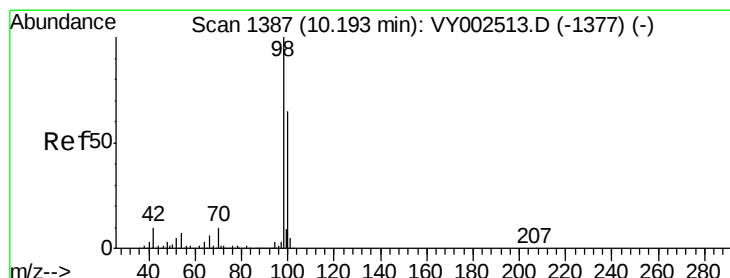
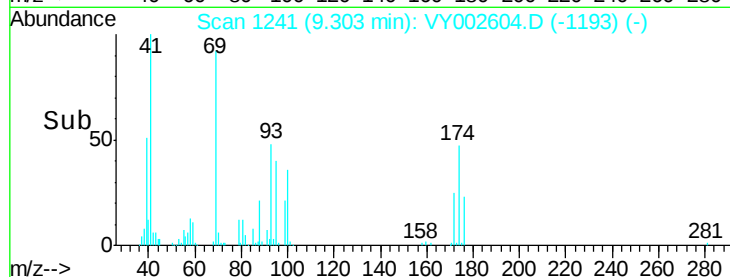
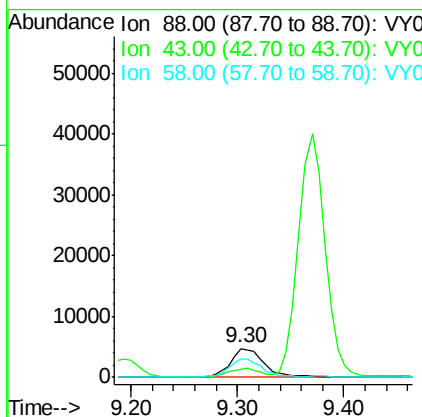
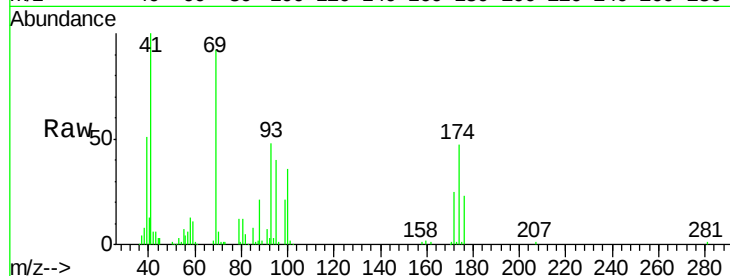
#49
1,4-Dioxane
Concen: 408.237 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	88	Resp	10532
Ion Ratio	Lower	Upper	
88	100		
43	27.4	22.8	34.2
58	62.5	51.4	77.2

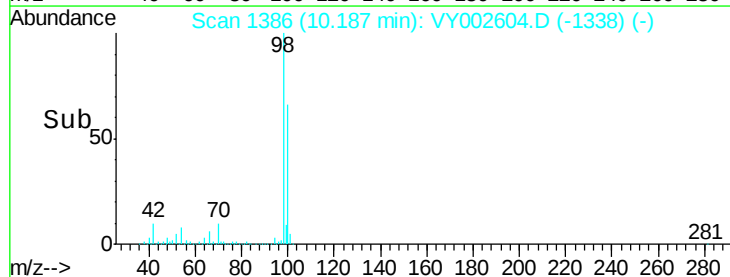
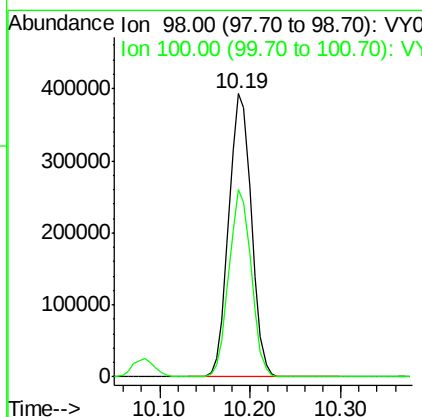
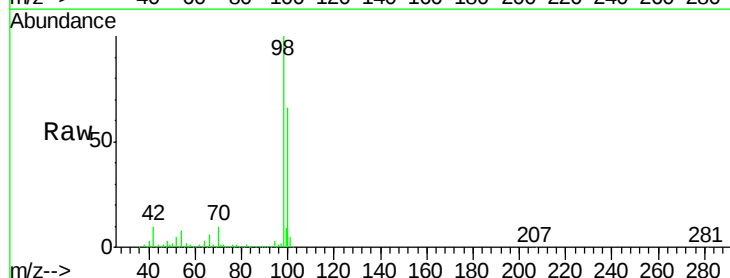
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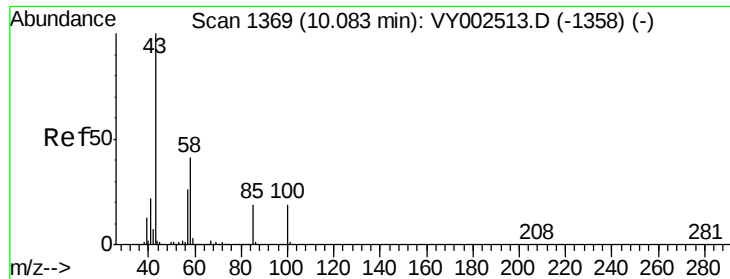
MMDadoda
5/7/2020 10:35:23 AM



#50
Toluene-d8
Concen: 52.595 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion	98	Resp	680762
Ion Ratio	Lower	Upper	
98	100		
100	65.1	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 97.397 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion: 43 Resp: 234968

Ion Ratio Lower Upper

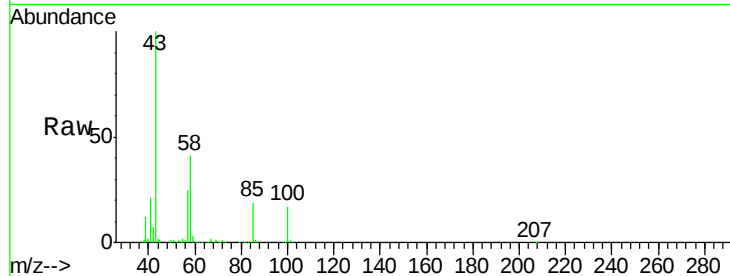
43 100

58 41.5 33.2 49.8

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MMDadoda

5/7/2020 10:35:23 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

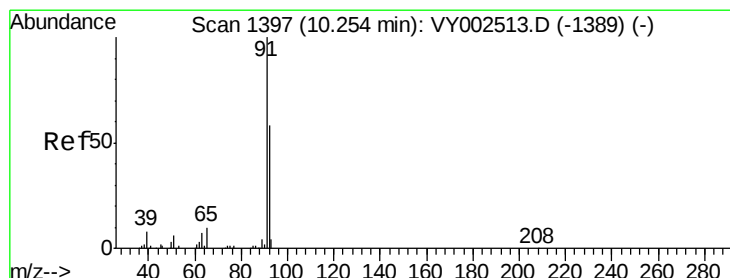
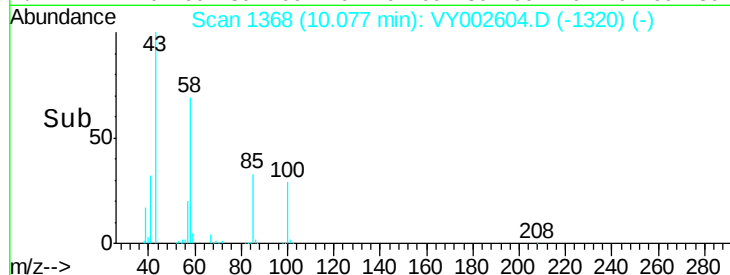
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.535 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY002604.D

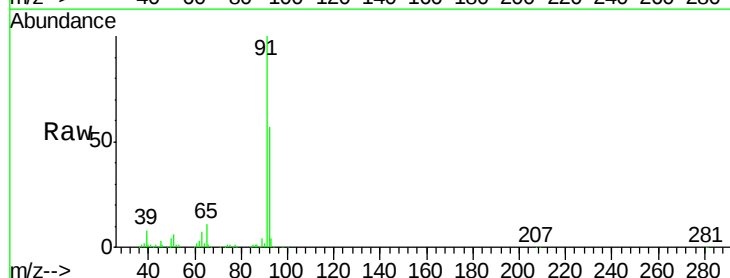
Acq: 06 May 2020 11:00

Tgt Ion: 92 Resp: 176171

Ion Ratio Lower Upper

92 100

91 172.8 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

200000

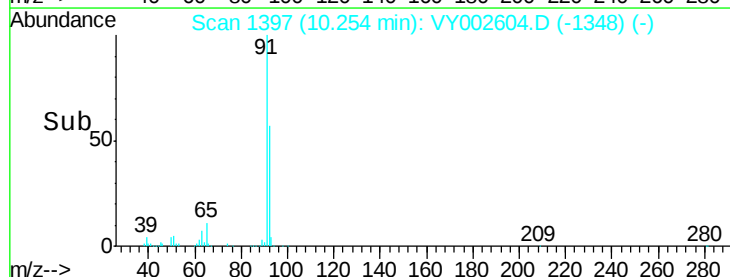
150000

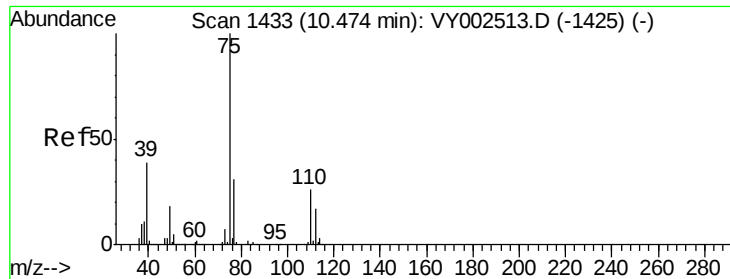
100000

50000

0

Time-->





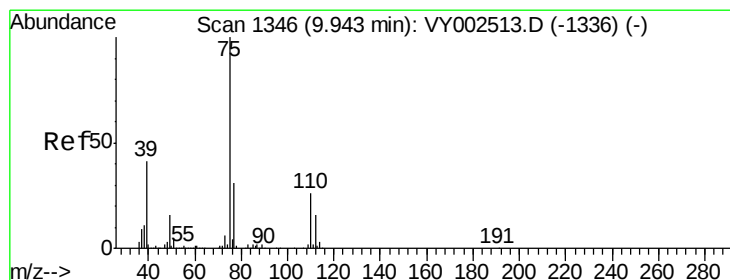
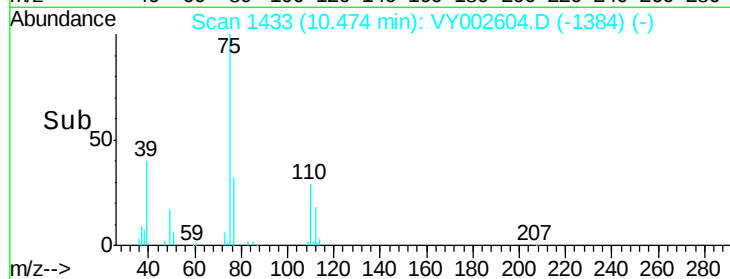
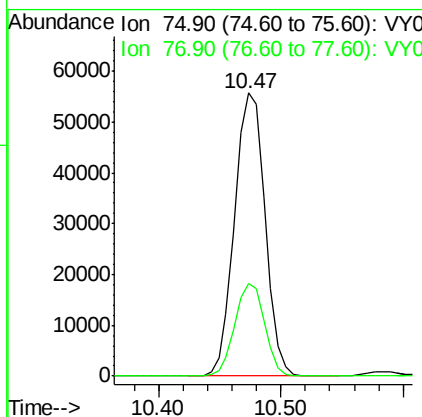
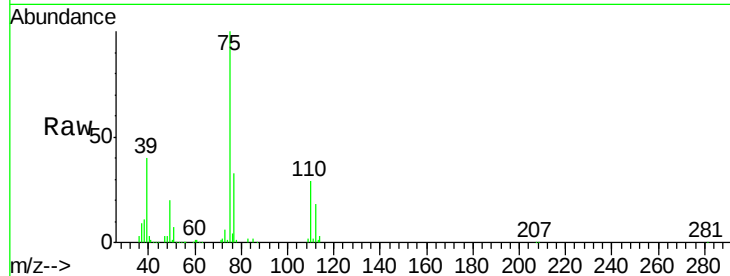
#53
t-1,3-Dichloropropene
Concen: 19.339 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.0	37.6

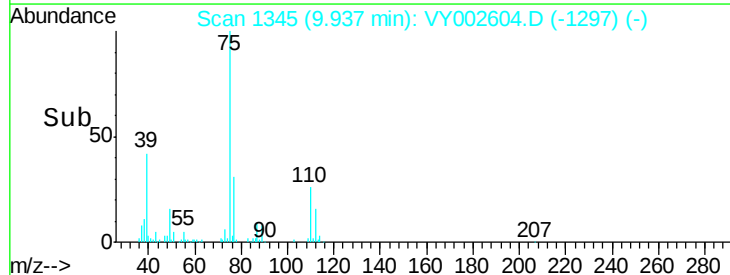
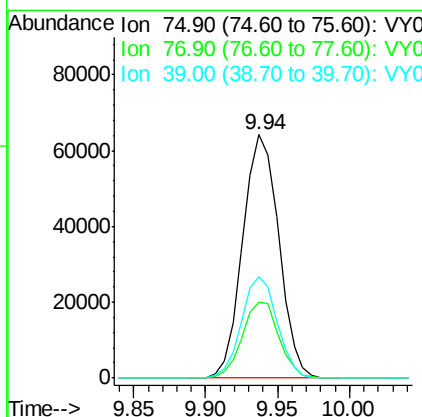
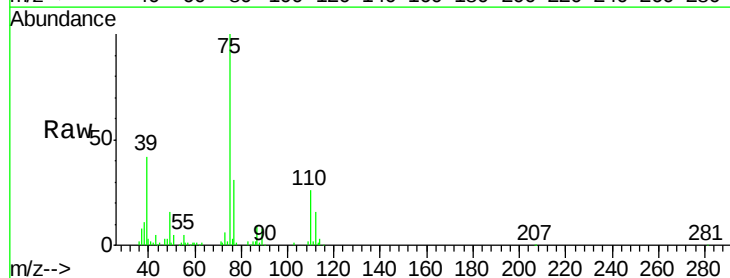
Manual Integrations
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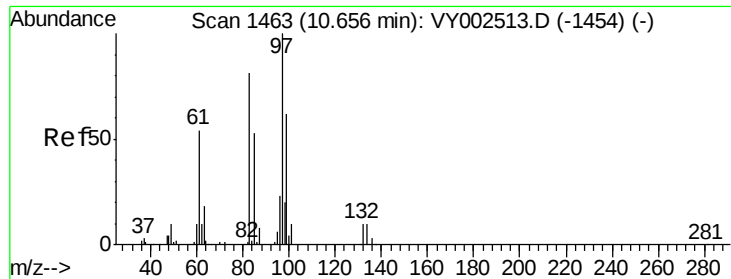
MMDadoda
5/7/2020 10:35:23 AM



#54
cis-1,3-Dichloropropene
Concen: 19.443 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.1	37.7
39	41.8	32.7	49.1





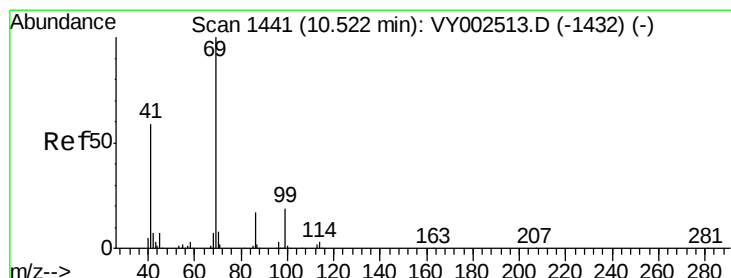
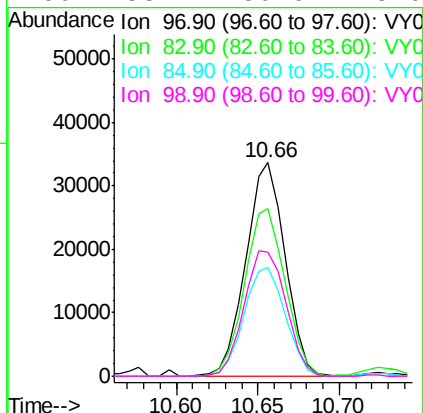
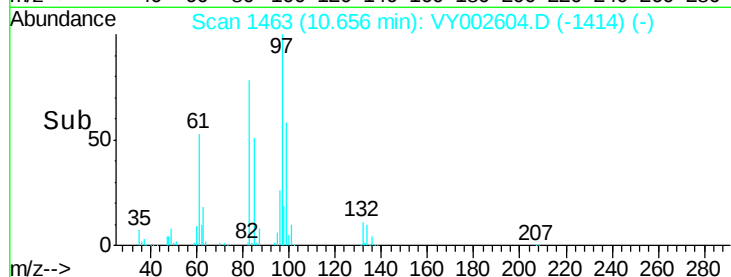
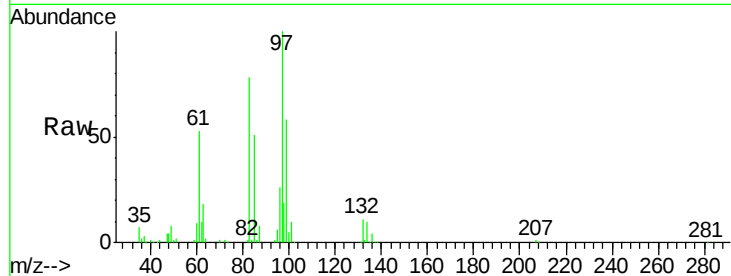
#55
 1,1,2-Trichloroethane
 Concen: 19.917 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		56592		
83	78.3	65.1	97.7		
85	50.9	42.7	64.1		
99	58.4	50.0	75.0		

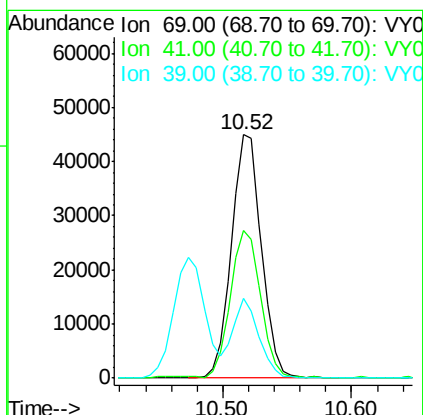
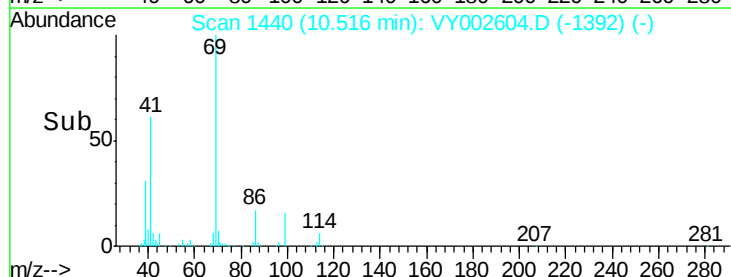
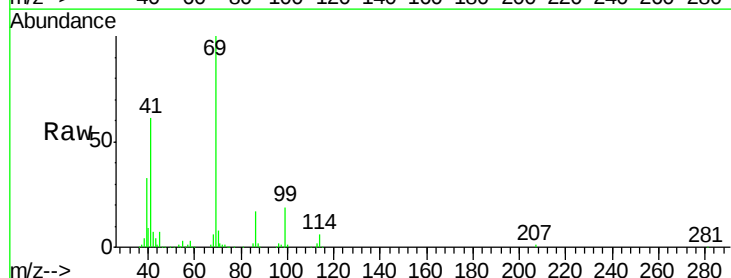
Manual Integrations
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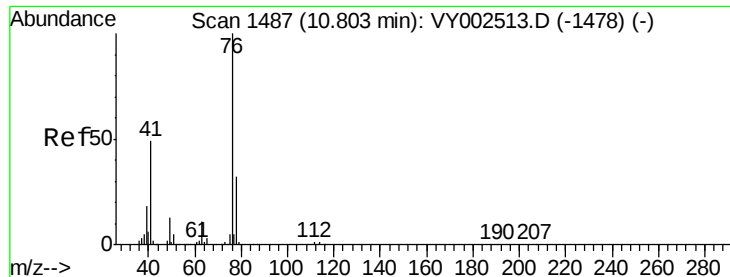
MMDadoda
 5/7/2020 10:35:23 AM



#56
 Ethyl methacrylate
 Concen: 19.279 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		72874		
41	60.9	48.6	73.0		
39	29.0	25.0	37.4		





#57

1,3-Dichloropropane

Concen: 19.476 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion: 76 Resp: 93850

Ion Ratio Lower Upper

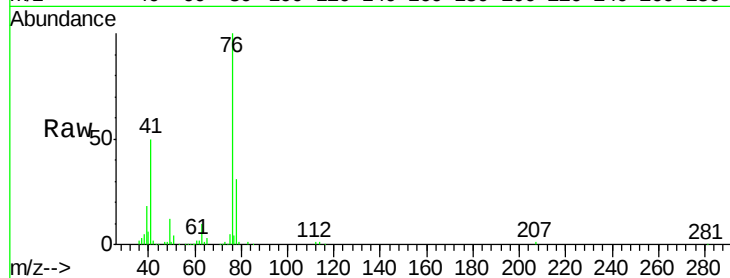
76 100

78 32.0 25.4 38.2

Manual Integrations
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5/7/2020 10:35:23 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

60000

50000

40000

30000

20000

10000

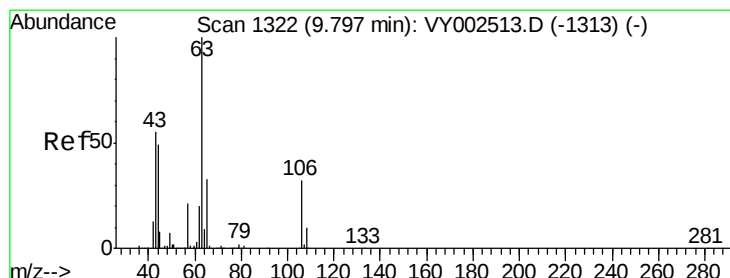
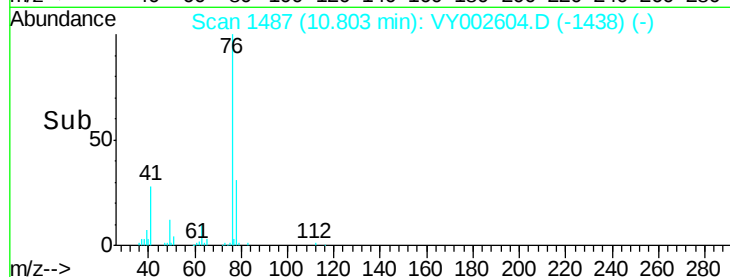
0

10.70

10.80

10.90

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 100.777 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002604.D

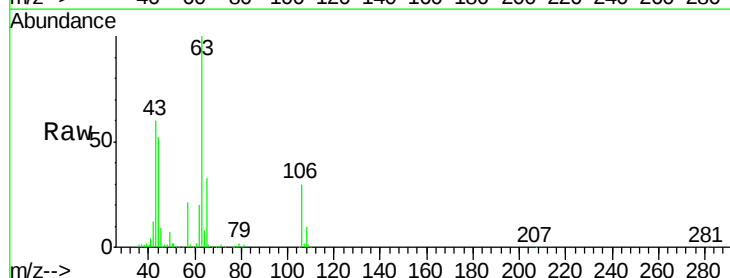
Acq: 06 May 2020 11:00

Tgt Ion: 63 Resp: 200888

Ion Ratio Lower Upper

63 100

106 31.1 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

100000

50000

0

9.70

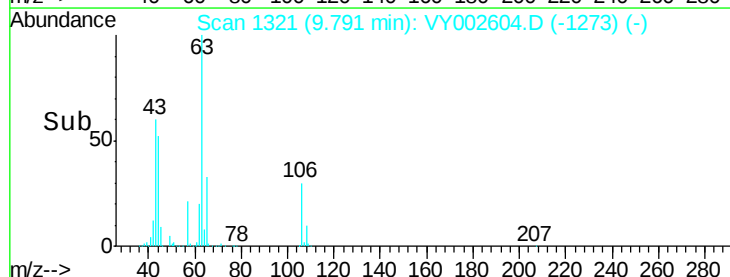
9.75

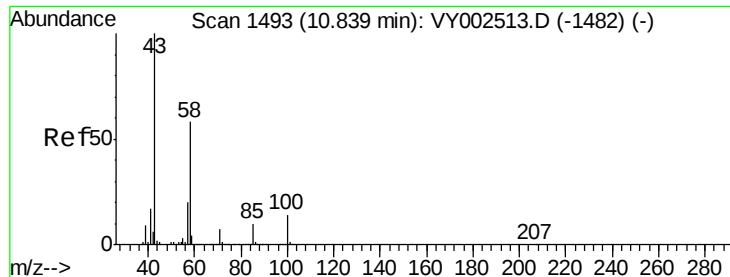
9.80

9.85

9.90

Time-->





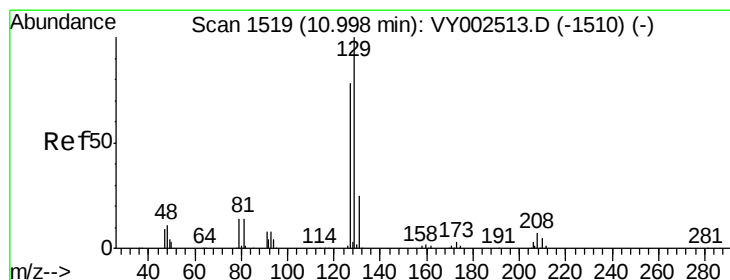
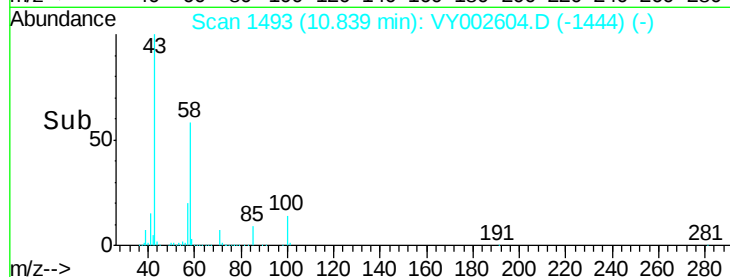
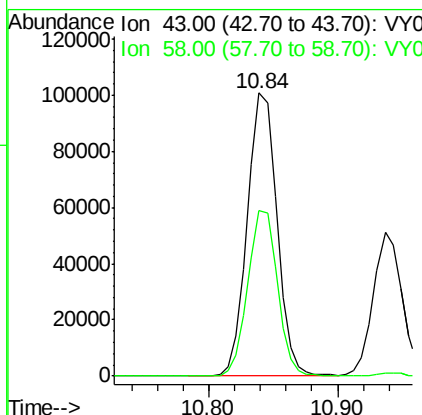
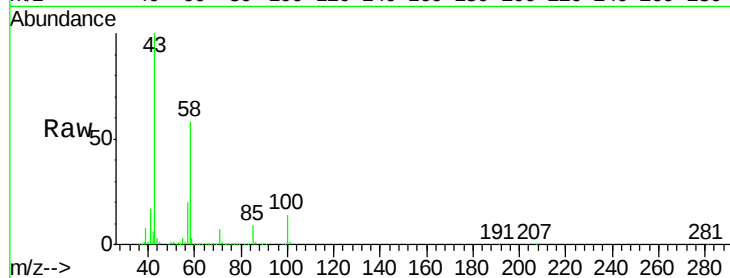
#59
2-Hexanone
Concen: 96.880 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.4	29.1	87.3

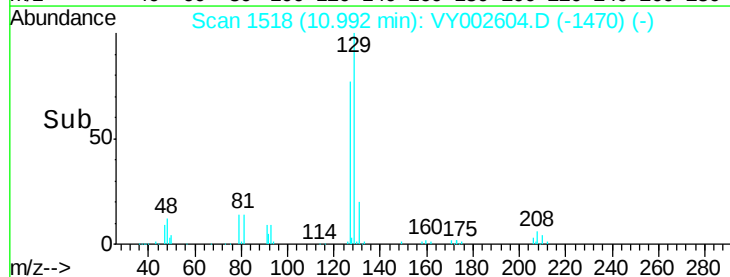
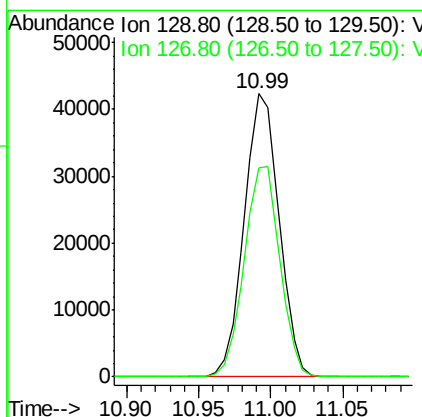
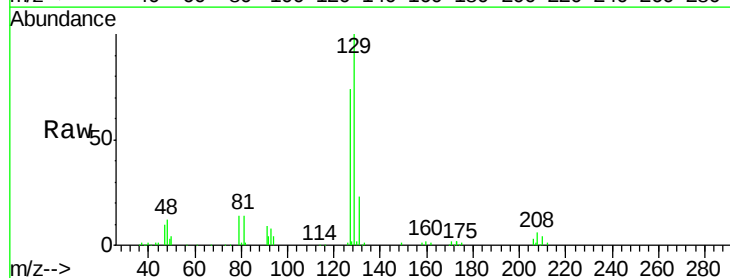
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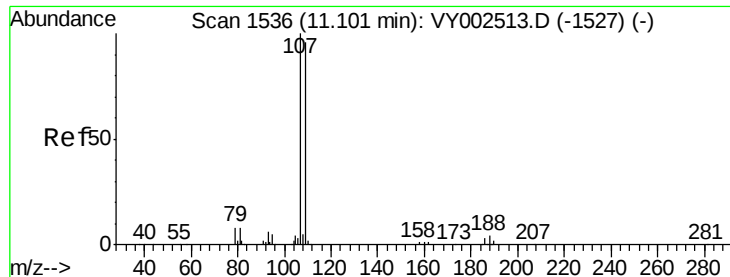
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#60
Dibromochloromethane
Concen: 19.629 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.9	39.0	117.0





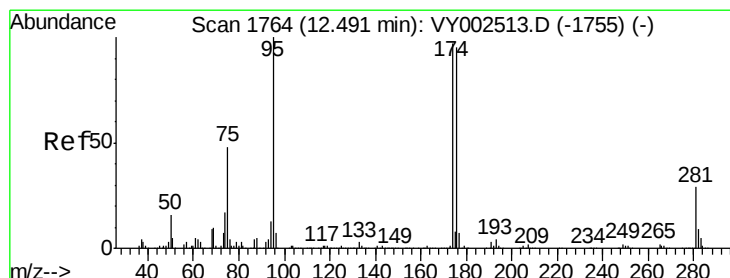
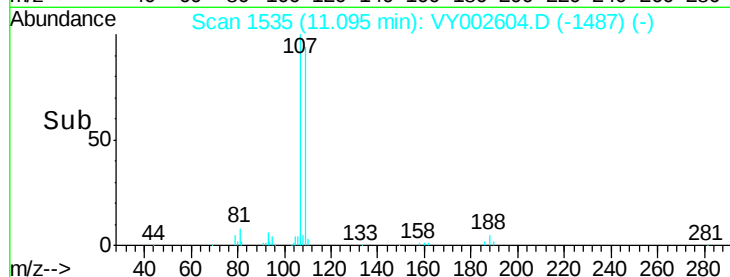
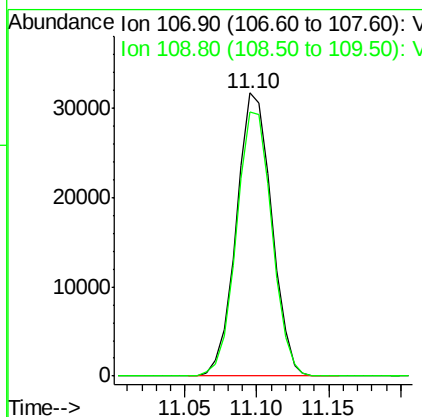
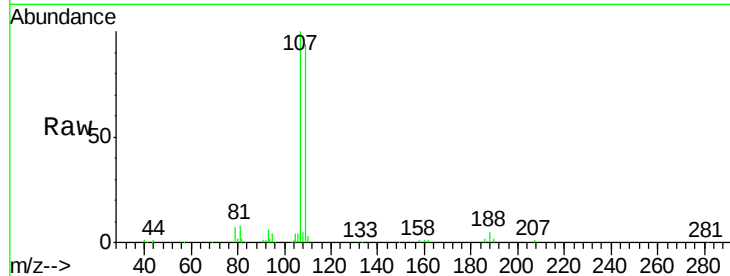
#61
 1,2-Dibromoethane
 Concen: 19.185 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.8	113.8

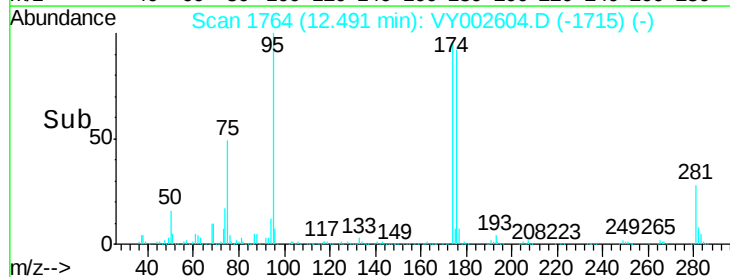
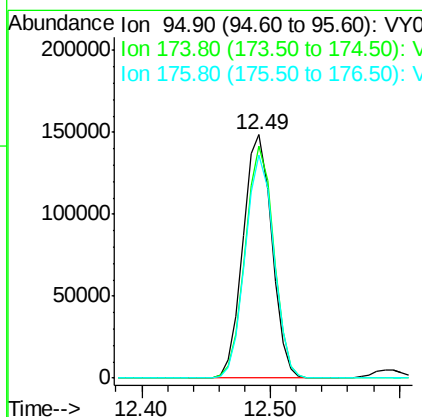
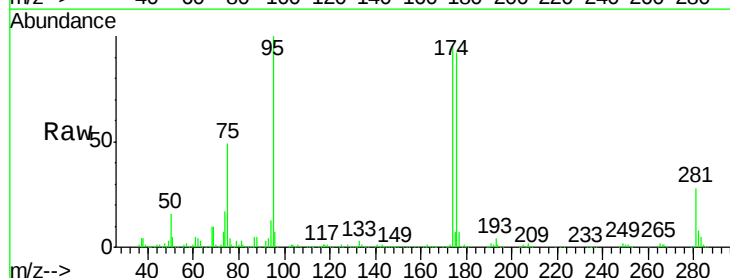
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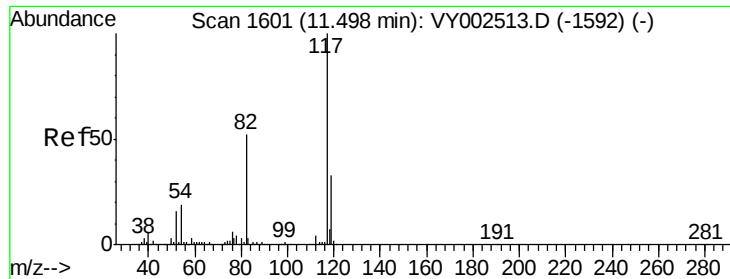
MMDadoda
 5/7/2020 10:35:23 AM



#62
 4-Bromofluorobenzene
 Concen: 52.177 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	188.8
176	90.8	0.0	183.2





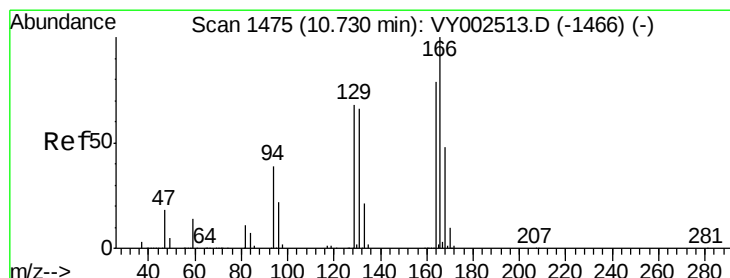
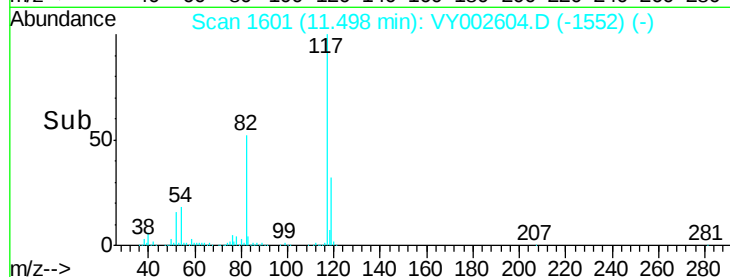
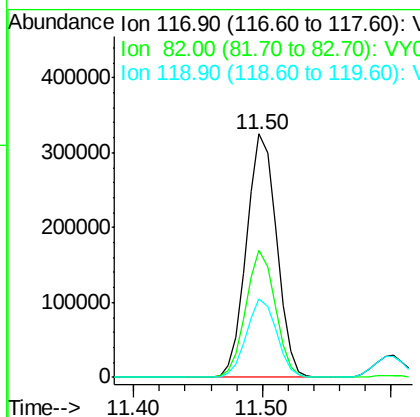
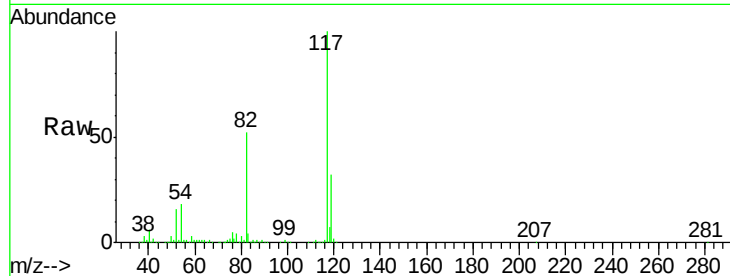
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	521922		
82	52.1		41.3	61.9
119	32.2		26.0	39.0

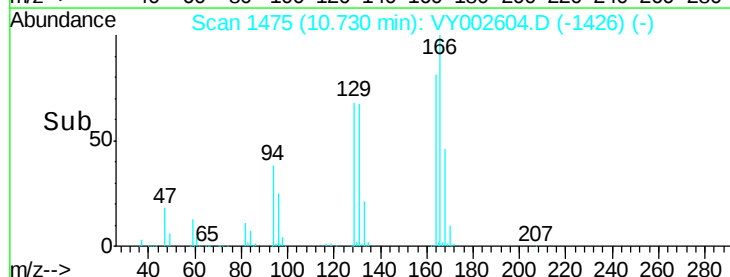
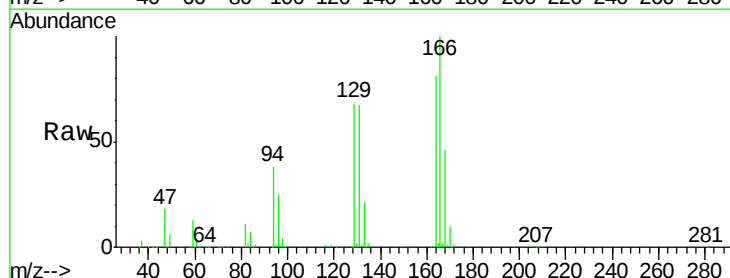
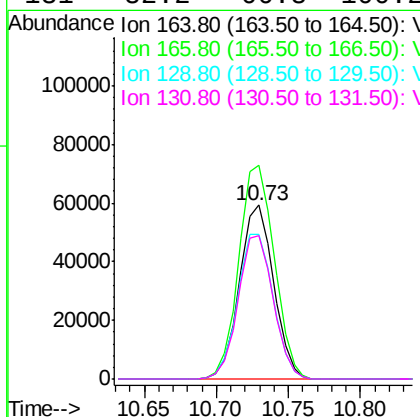
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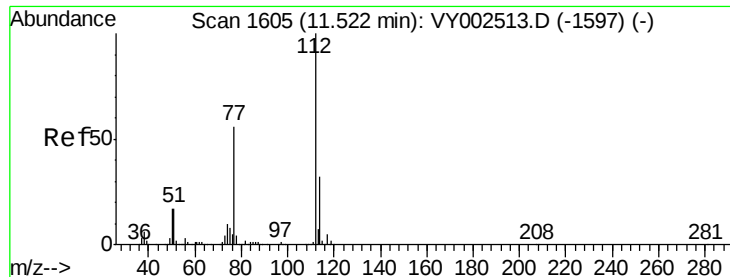
MMDadoda
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#64
Tetrachloroethene
Concen: 21.073 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	97722		
166	122.7		100.7	151.1
129	83.5		68.3	102.5
131	82.2		66.8	100.2





#65

Chlorobenzene

Concen: 19.627 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion:112 Resp: 194737

Ion Ratio Lower Upper

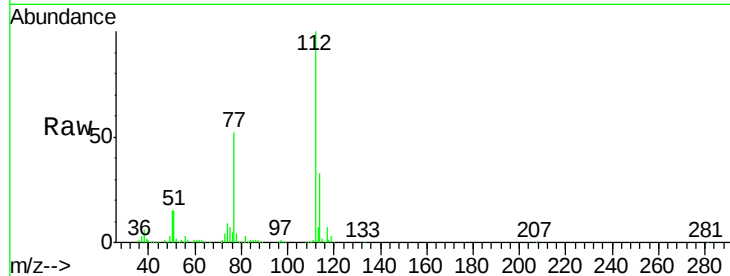
112 100

114 32.7 25.8 38.6

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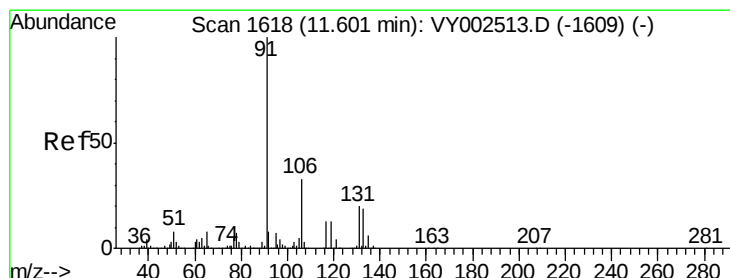
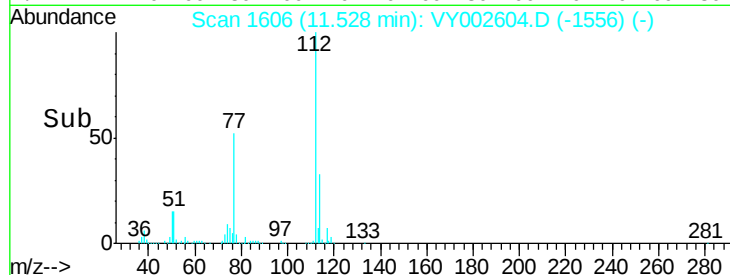
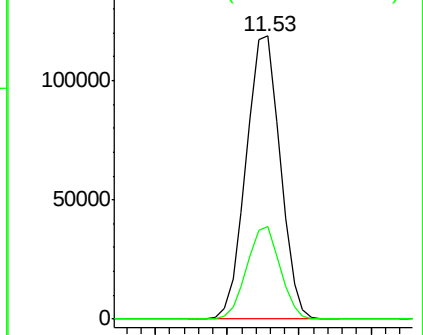
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.189 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

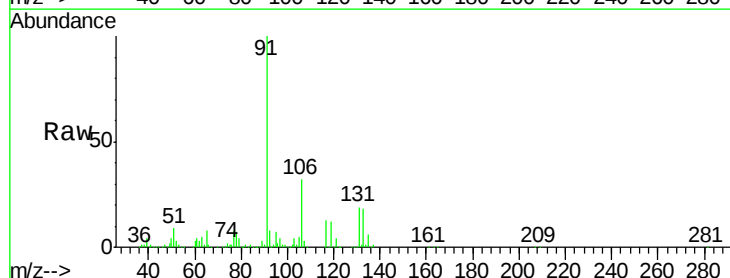
Tgt Ion:131 Resp: 74356

Ion Ratio Lower Upper

131 100

133 94.9 48.1 144.4

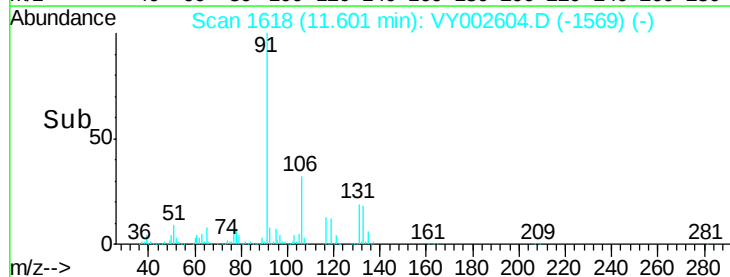
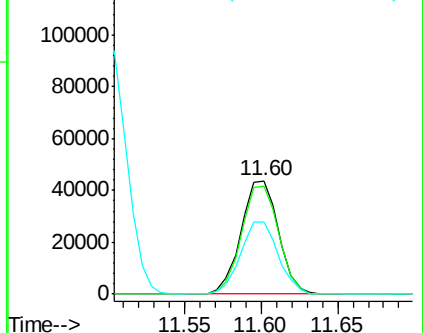
119 64.5 31.6 95.0

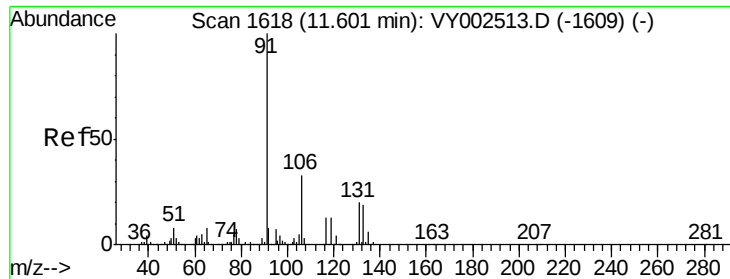


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.837 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion: 91 Resp: 345715

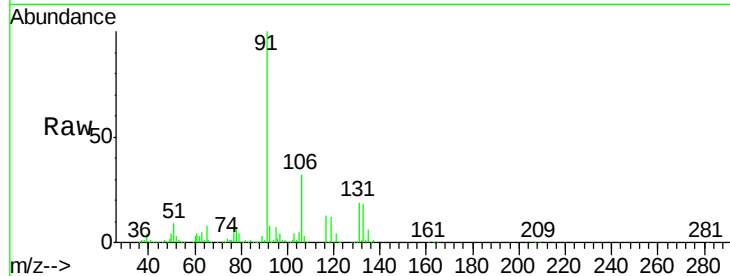
Ion Ratio Lower Upper

91 100

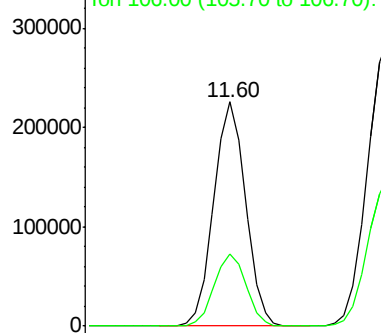
106 31.9 26.1 39.1

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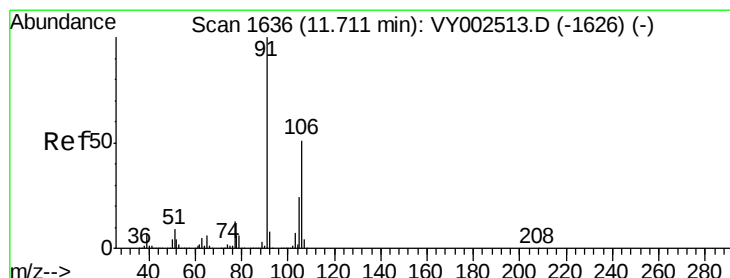
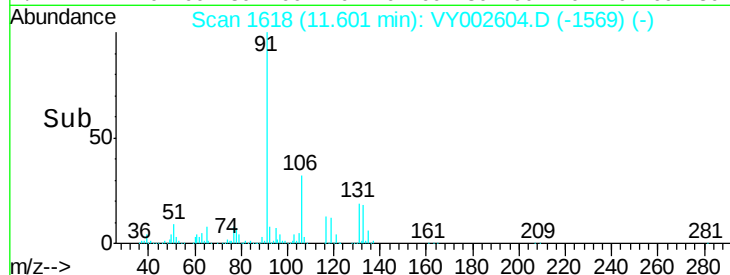
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Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1609) (-)



Time-->



#68

m/p-Xylenes

Concen: 39.674 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY002604.D

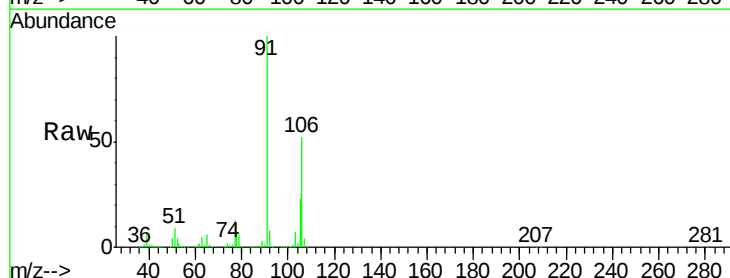
Acq: 06 May 2020 11:00

Tgt Ion: 106 Resp: 267534

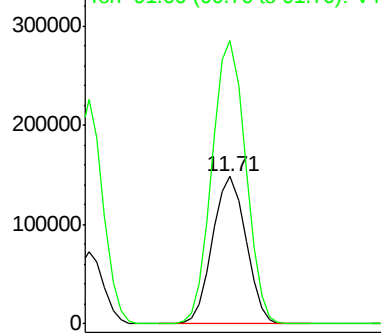
Ion Ratio Lower Upper

106 100

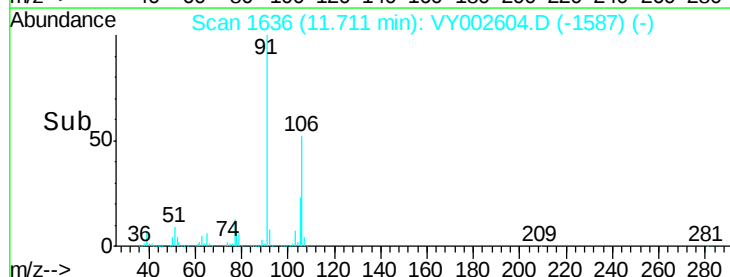
91 192.5 155.2 232.8

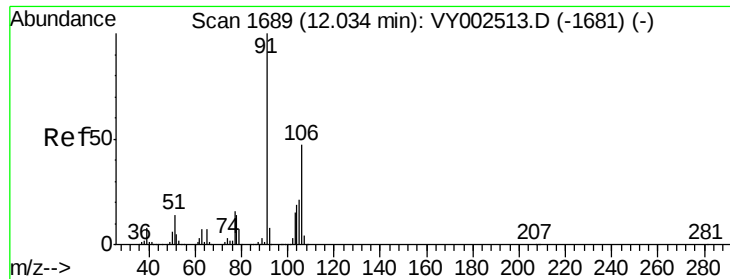


Abundance Ion 106.00 (105.70 to 106.70): VY002513.D (-1626) (-)



Time-->





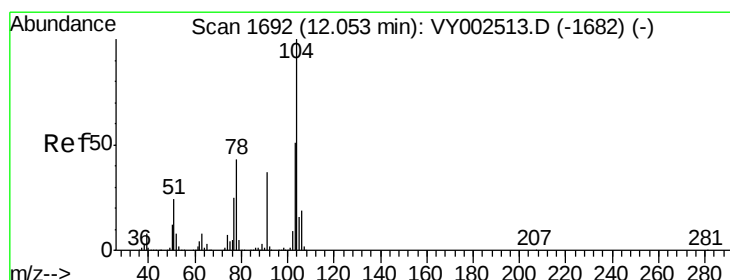
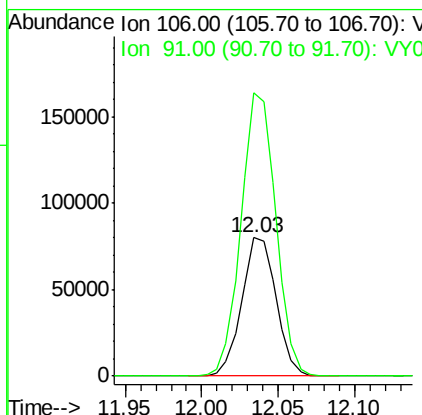
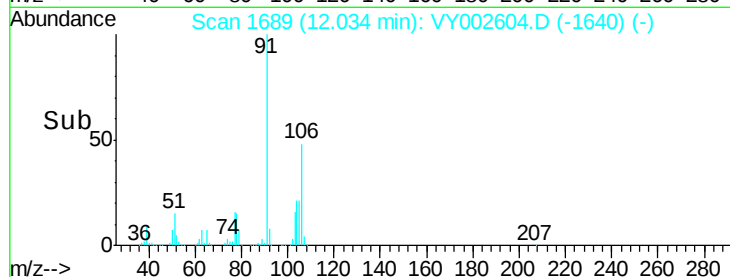
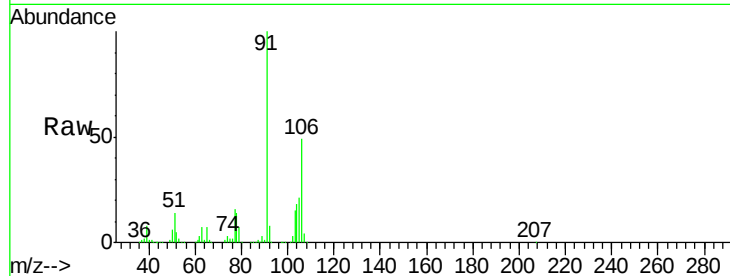
#69
o-Xylene
Concen: 19.770 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	124829		
91	91	207.2	103.8	311.3	

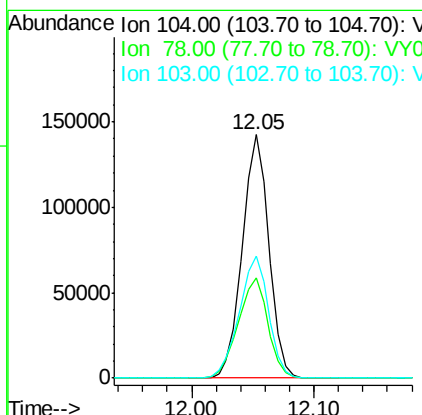
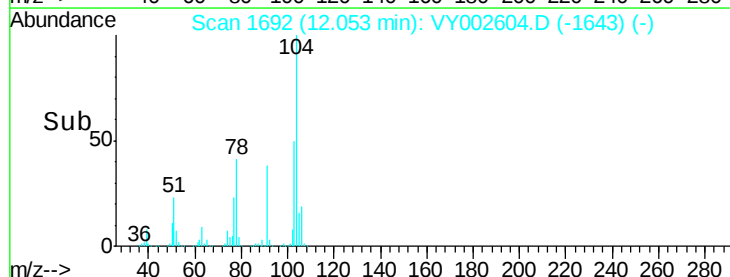
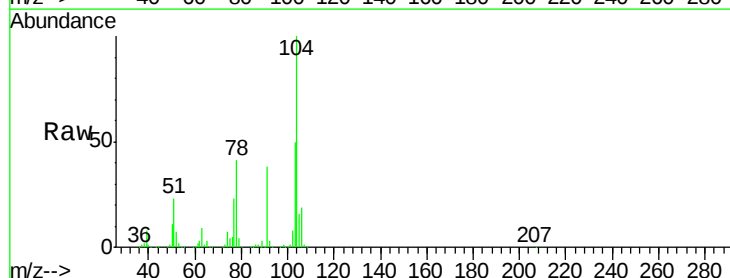
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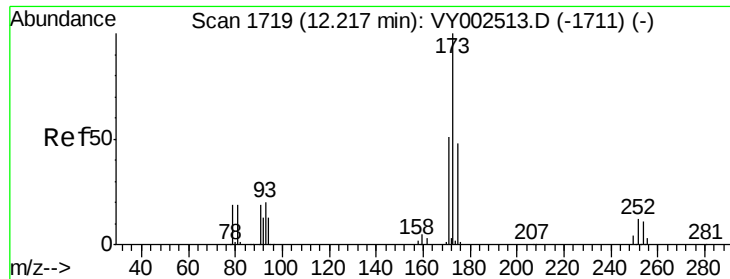
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#70
Styrene
Concen: 19.921 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	215026		
78	78	46.1	37.4	56.0	
103	103	55.2	43.9	65.9	





#71

Bromoform

Concen: 19.271 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

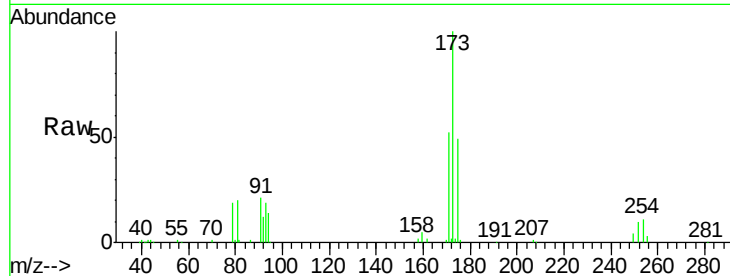
ClientSampleId :

VY0506SBS01

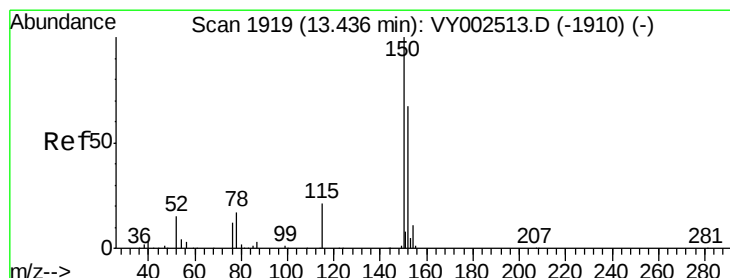
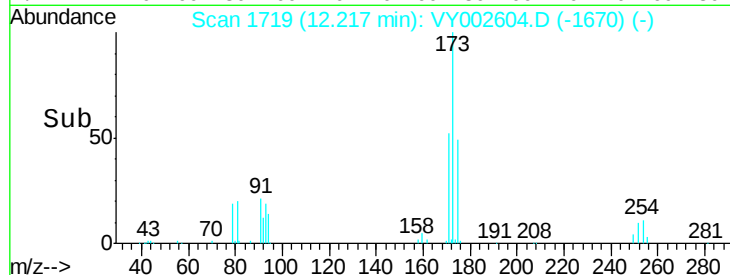
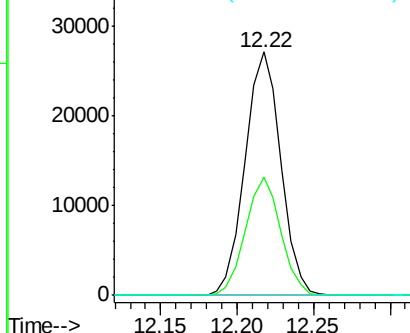
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.3	72.8
254	0.0	0.2	0.2

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

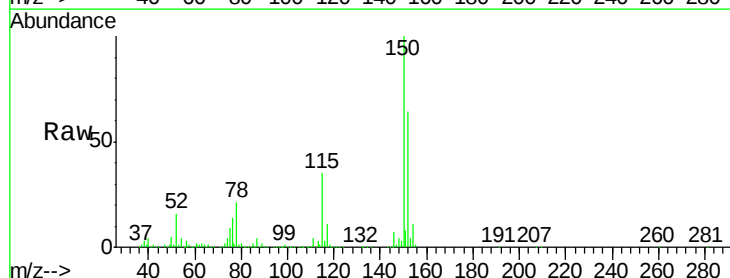
RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

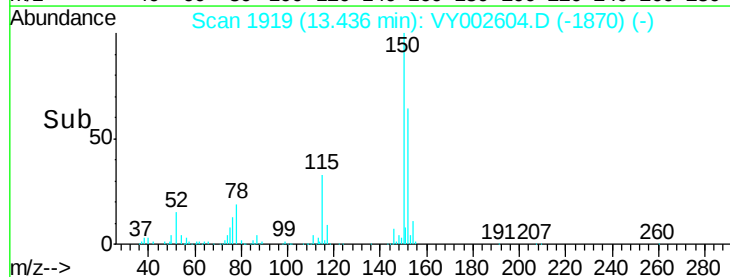
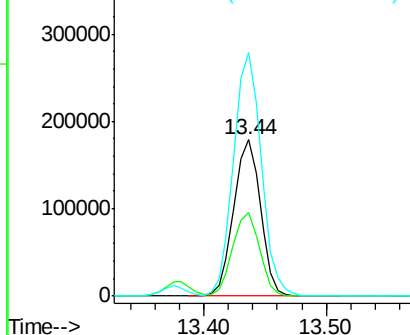
Lab File: VY002604.D

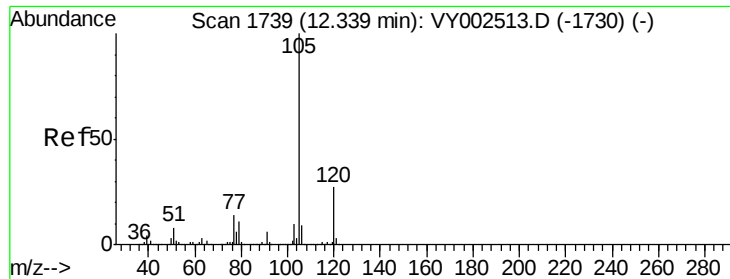
Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.5	82.4
150	162.1	0.0	346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.636 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion:105 Resp: 343637

Ion Ratio Lower Upper

105 100

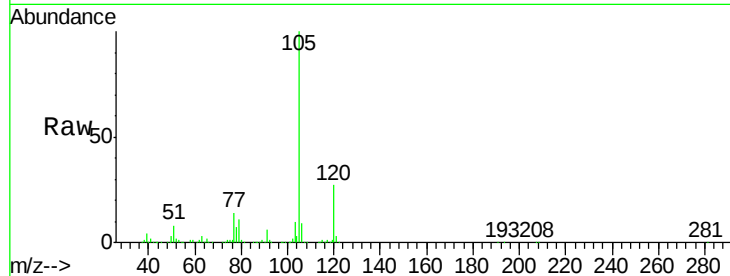
120 27.7 13.8 41.3

Manual Integrations

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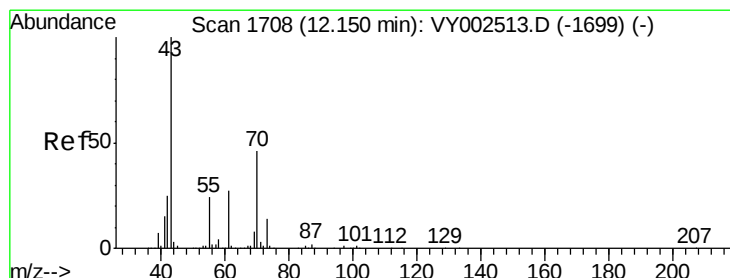
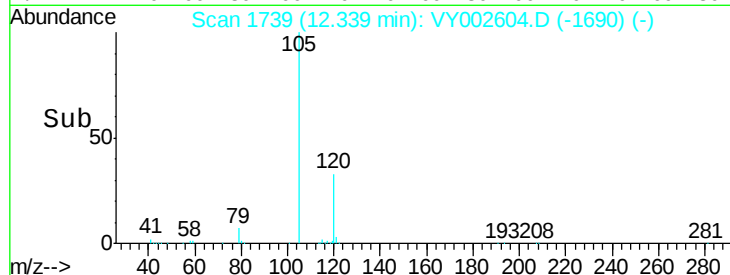
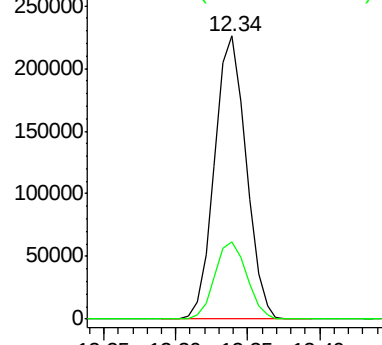
MMDadoda

5/7/2020 10:35:23 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.667 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Tgt Ion: 43 Resp: 82795

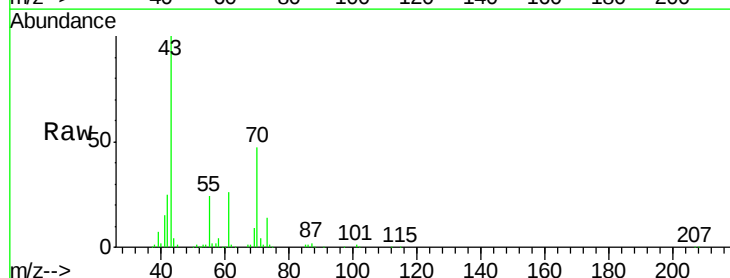
Ion Ratio Lower Upper

43 100

70 45.8 36.7 55.1

55 25.1 19.2 28.8

61 26.5 21.1 31.7

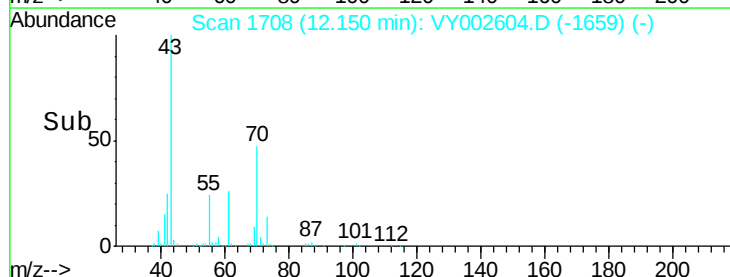
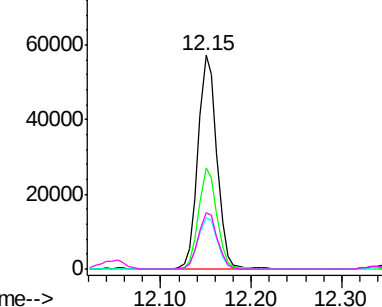


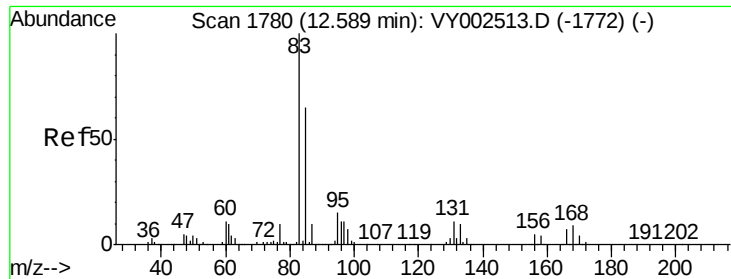
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.295 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

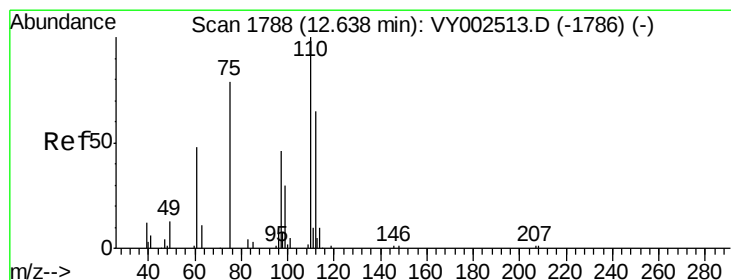
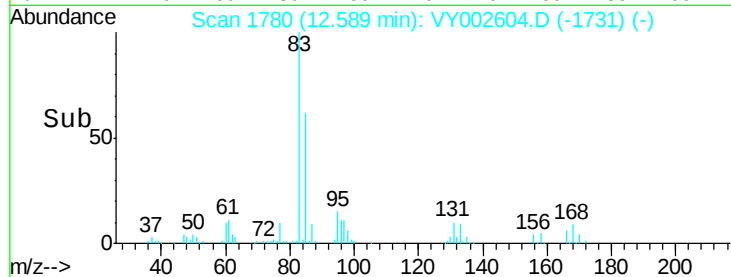
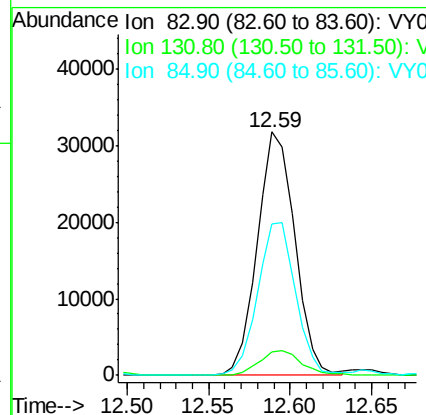
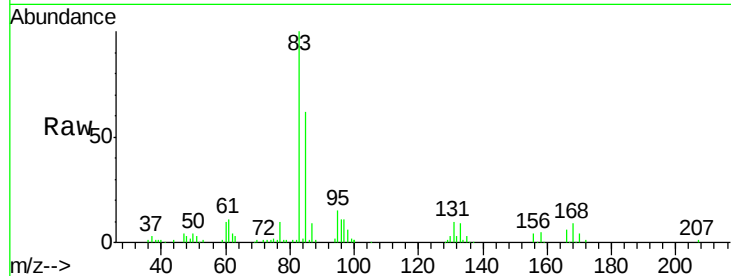
ClientSampleId :

VY0506SBS01

Tot Ion:	83	Resp:	50918
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.9	17.8
85	63.7	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.726 ug/l m

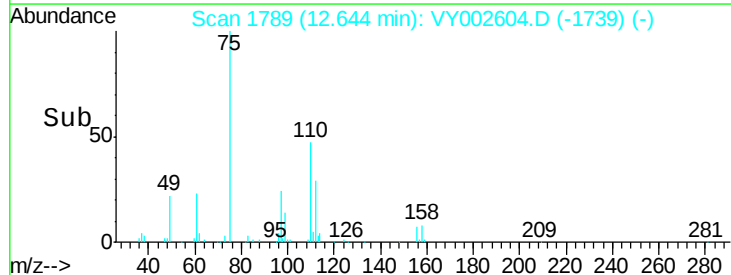
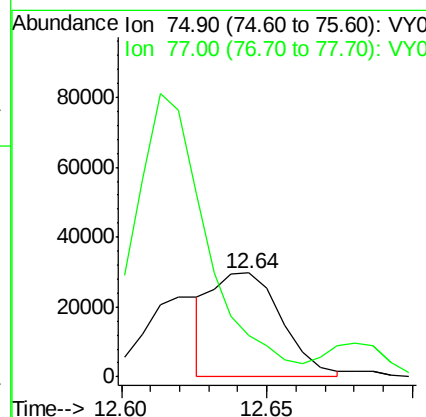
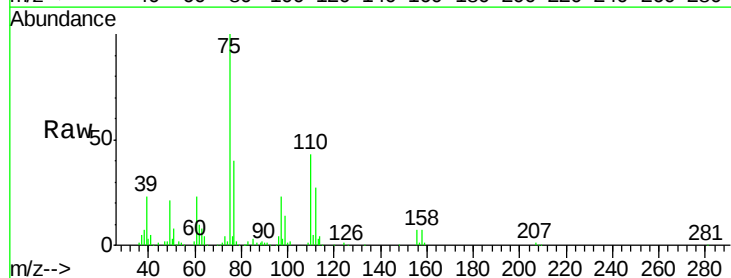
RT: 12.64 min Scan# 1789

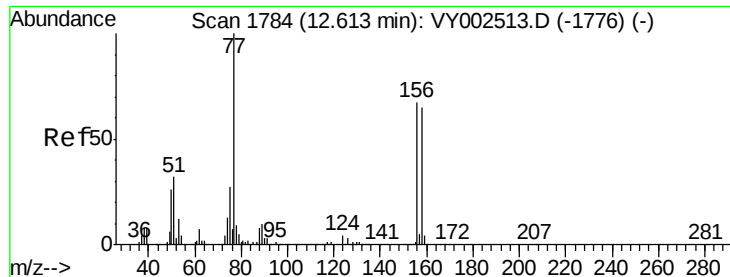
Delta R.T. 0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Tgt Ion:	75	Resp:	49735
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.477 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion:156 Resp: 85159

Ion Ratio Lower Upper

156 100

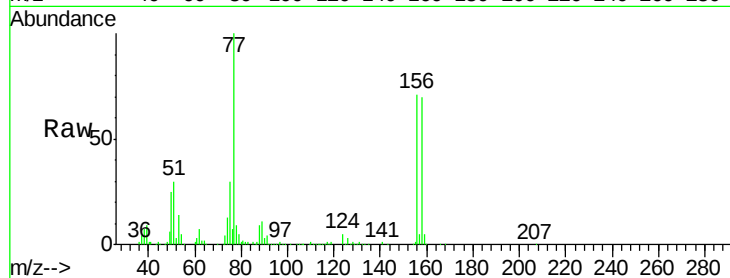
77 166.3 82.0 245.8

158 97.8 48.5 145.6

Manual Integrations
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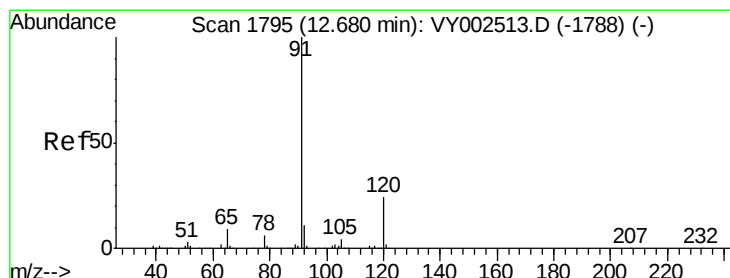
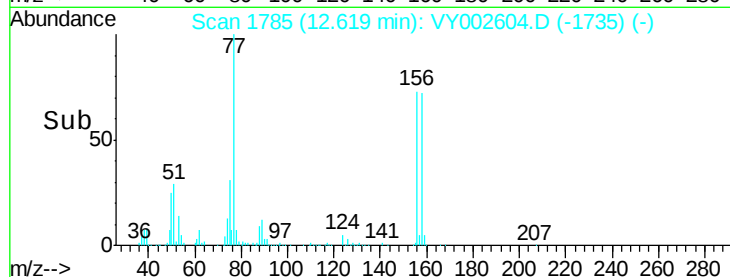
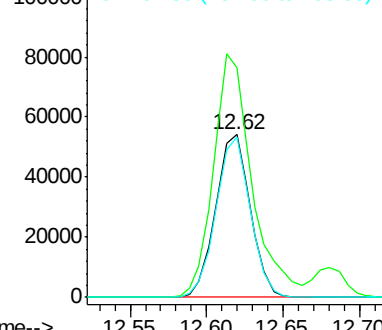
5/7/2020 10:35:23 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.935 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002604.D

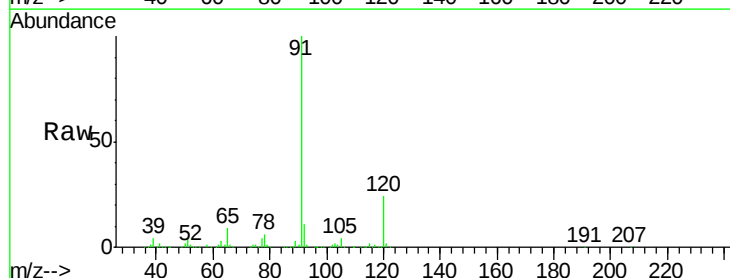
Acq: 06 May 2020 11:00

Tgt Ion: 91 Resp: 404852

Ion Ratio Lower Upper

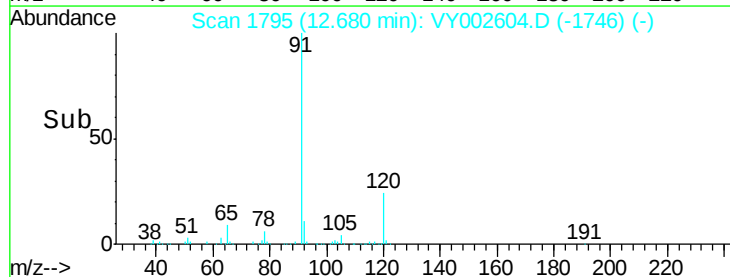
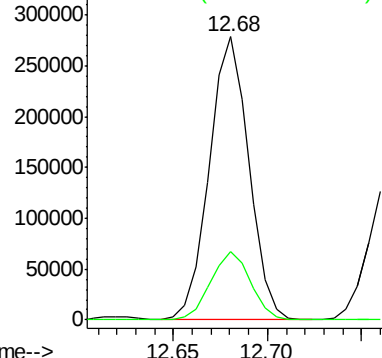
91 100

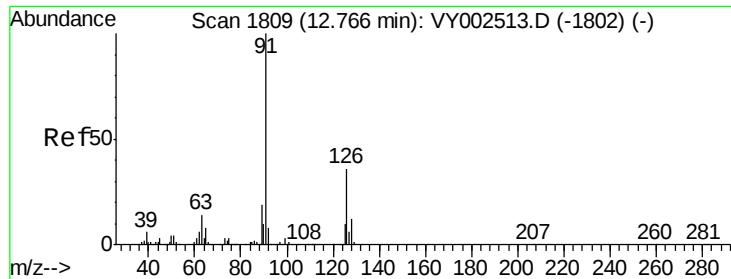
120 24.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.776 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion: 91 Resp: 222473

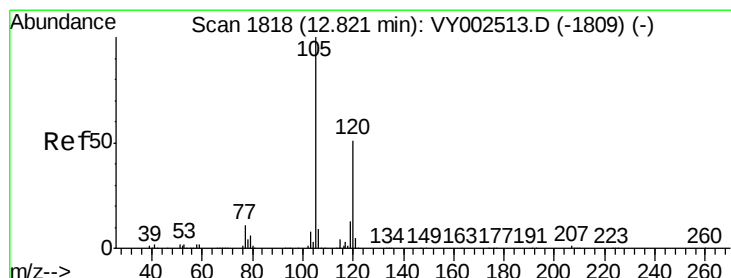
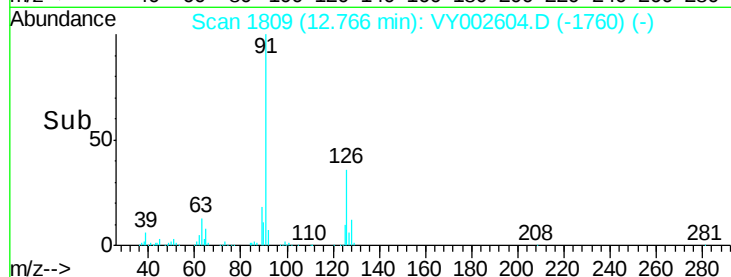
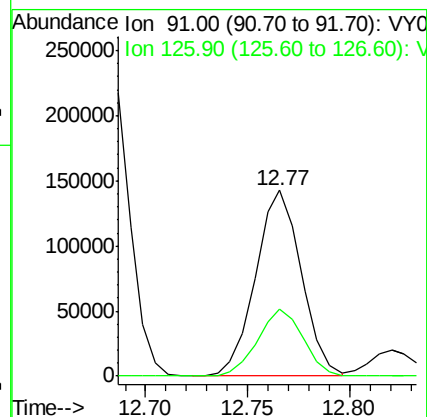
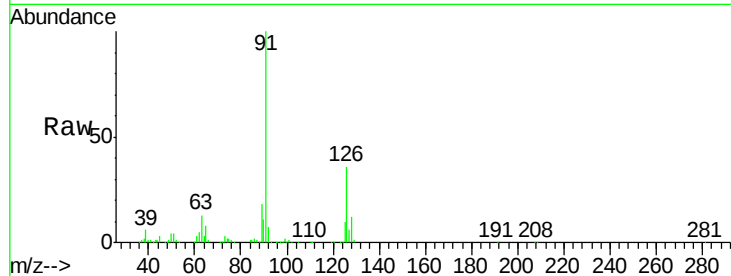
Ion Ratio Lower Upper

91 100

126 36.1 18.4 55.2

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#80

1,3,5-Trimethylbenzene

Concen: 19.850 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002604.D

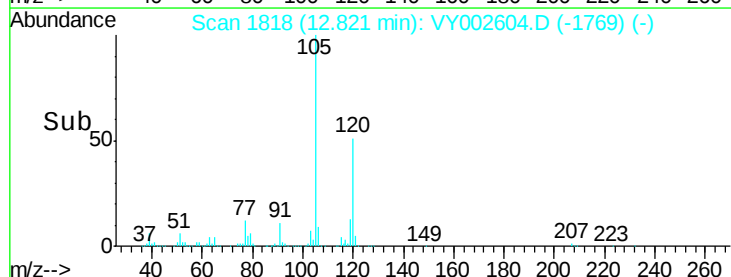
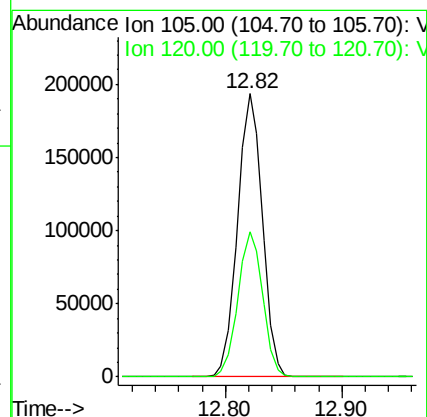
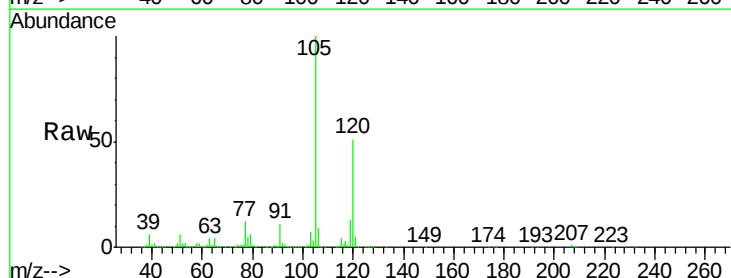
Acq: 06 May 2020 11:00

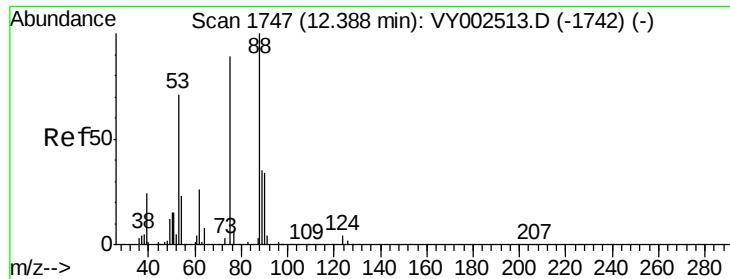
Tgt Ion: 105 Resp: 287948

Ion Ratio Lower Upper

105 100

120 50.9 25.3 75.9





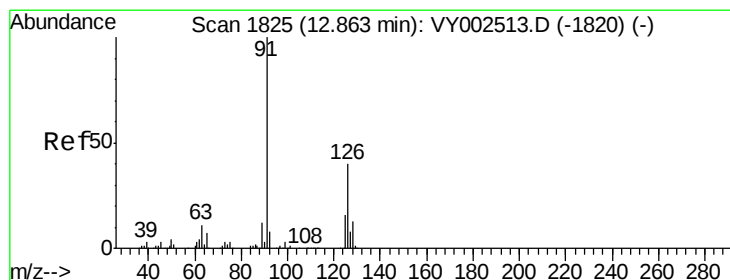
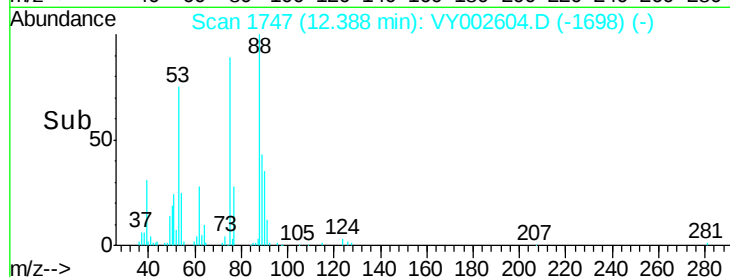
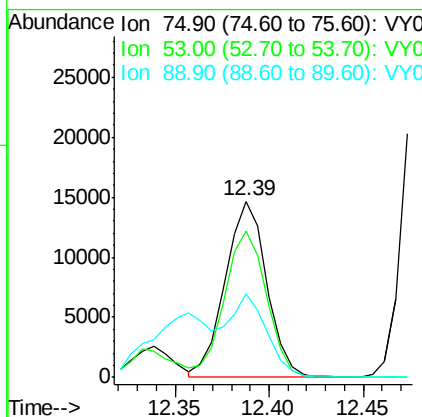
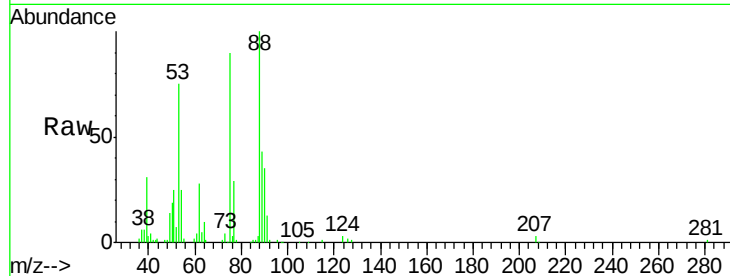
#81
trans-1,4-Dichloro-2-butene
Concen: 18.526 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.3	67.4	101.0
89	45.4	37.4	56.0

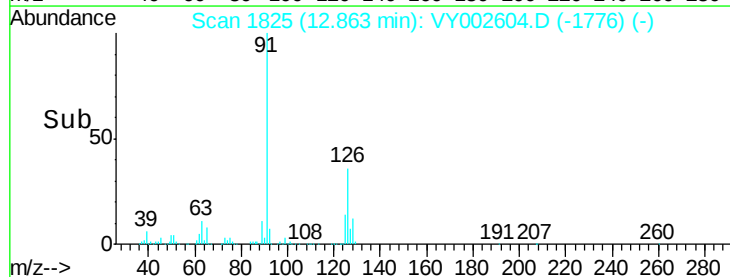
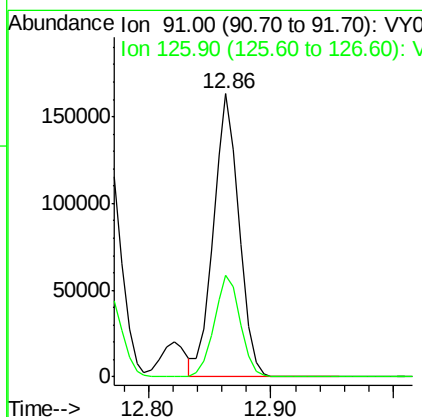
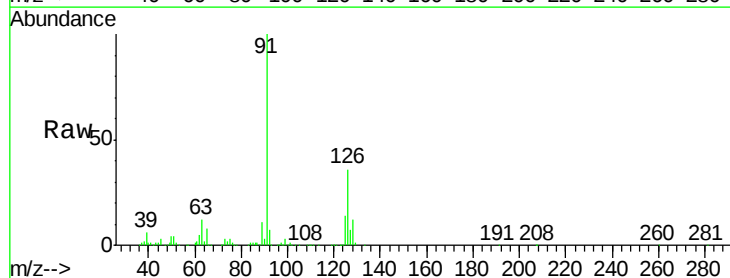
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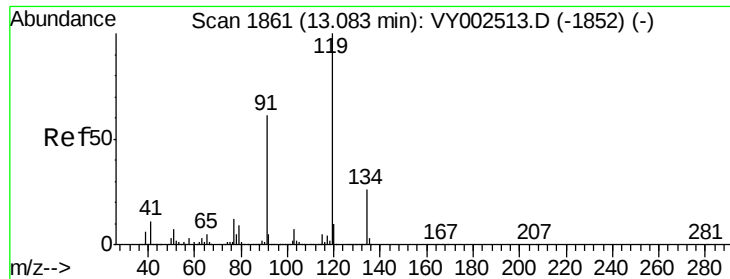
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#82
4-Chlorotoluene
Concen: 20.118 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.5	18.5	55.5





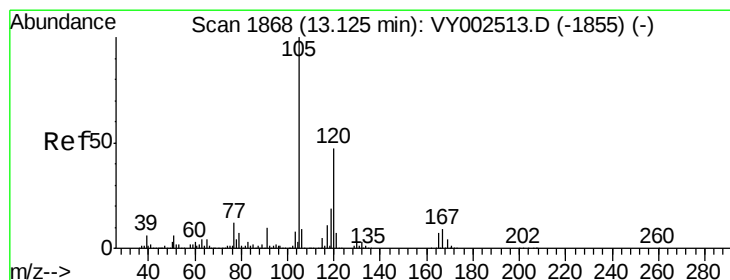
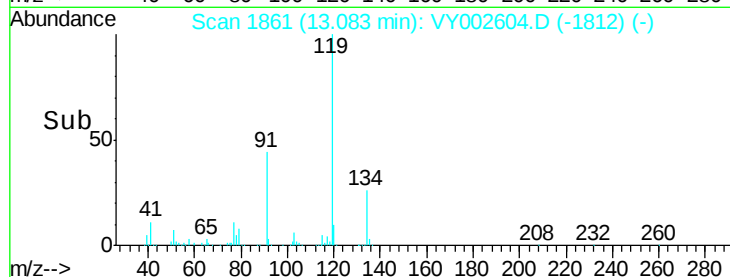
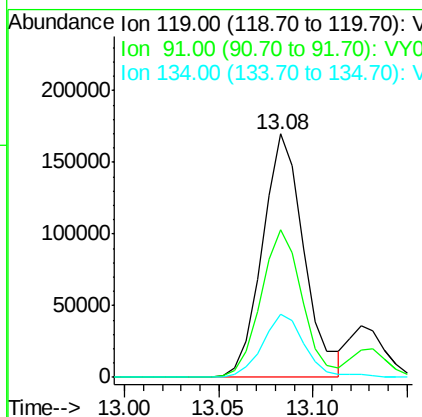
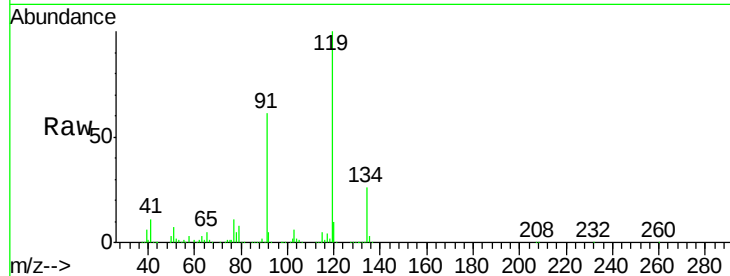
#83
 tert-Butylbenzene
 Concen: 20.504 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Tot Ion:	119	Resp:	260801
Ion Ratio	Lower	Upper	
119	100		
91	60.0	30.6	91.6
134	26.3	13.5	40.4

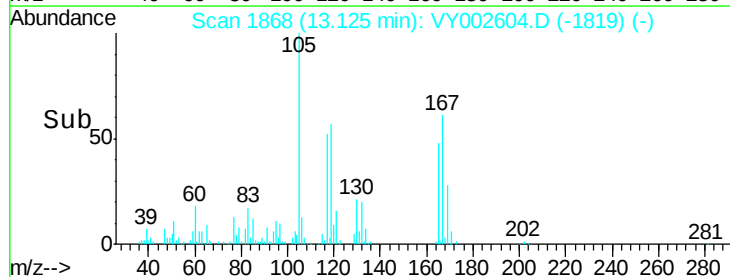
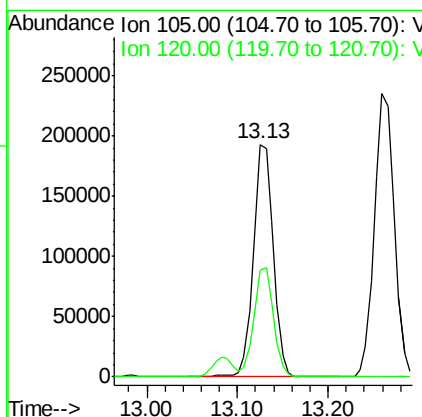
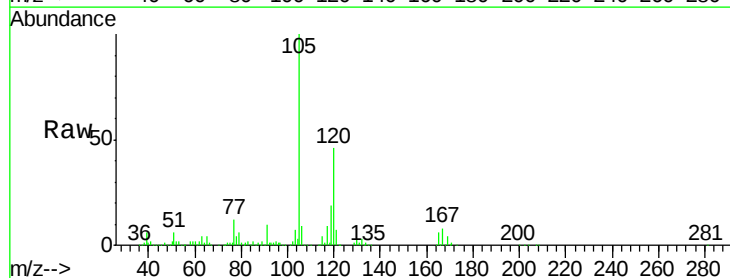
Manual Integrations
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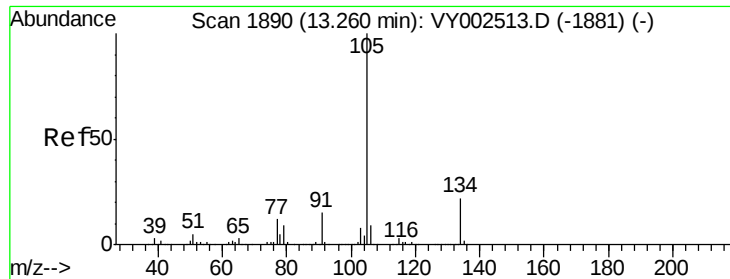
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.172 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Tgt Ion:	105	Resp:	291632
Ion Ratio	Lower	Upper	
105	100		
120	46.3	23.4	70.3





#85

sec-Butylbenzene

Concen: 20.204 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampled :

VY0506SBS01

Tot Ion:105 Resp: 356607

Ion Ratio Lower Upper

105 100

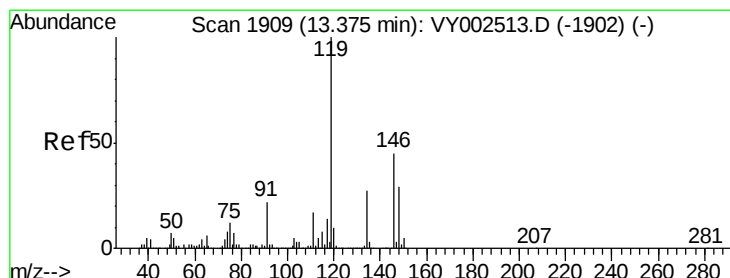
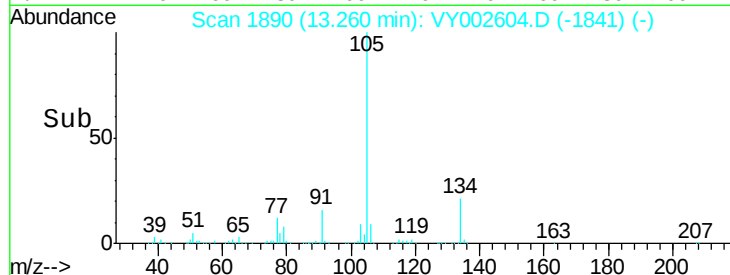
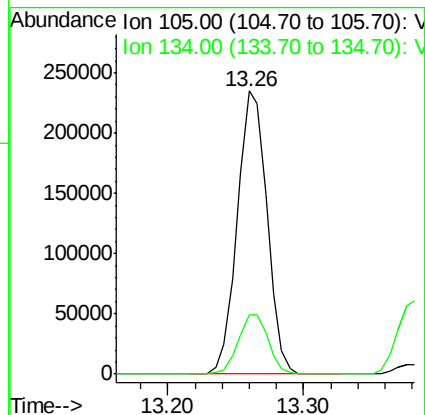
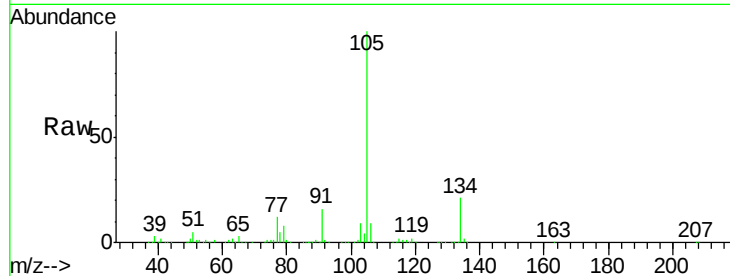
134 21.3 10.8 32.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.985 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

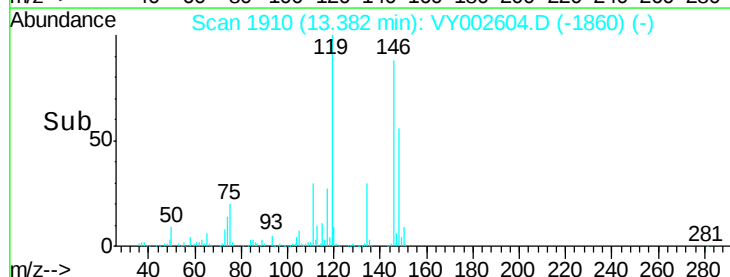
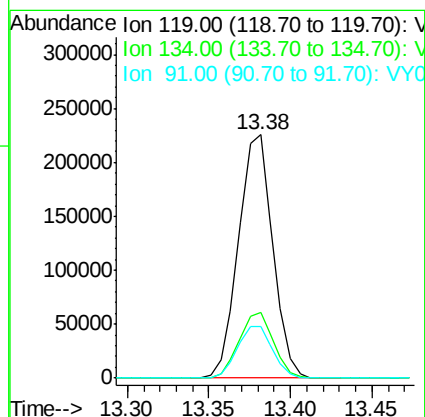
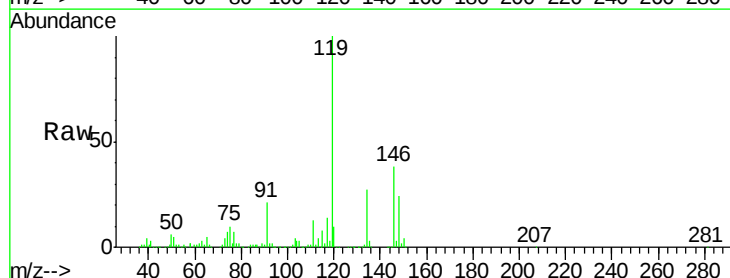
Tgt Ion:119 Resp: 330514

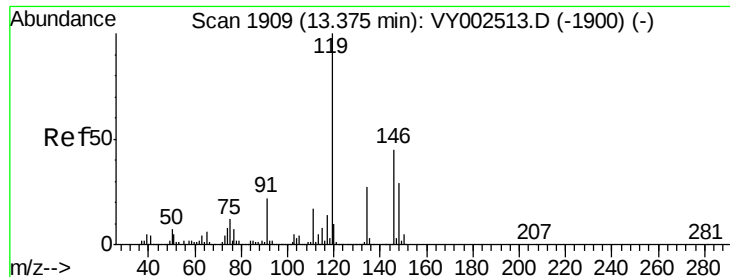
Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

91 21.9 10.9 32.9





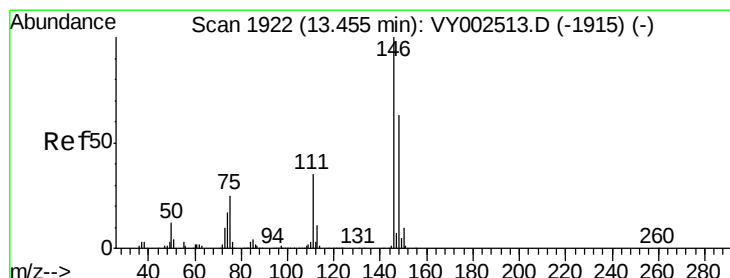
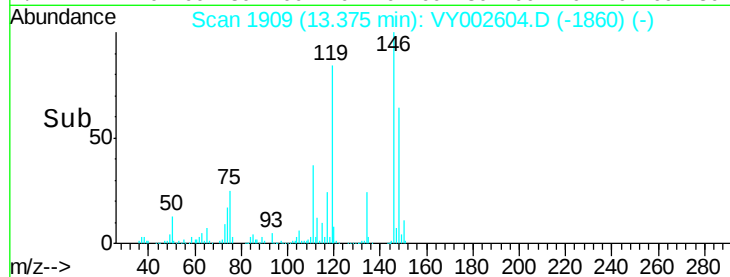
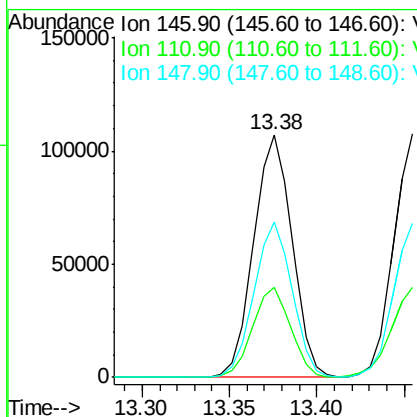
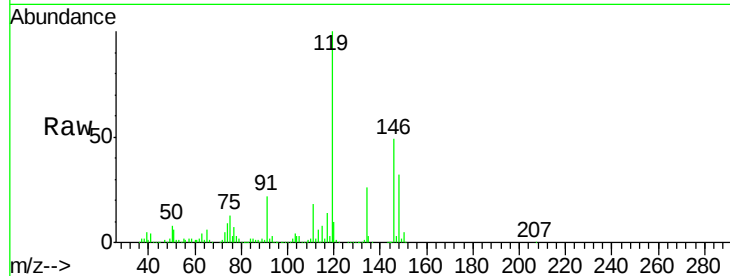
#87
 1,3-Dichlorobenzene
 Concen: 19.780 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	163688		
111	36.9	18.8	56.3	
148	63.5	32.1	96.3	

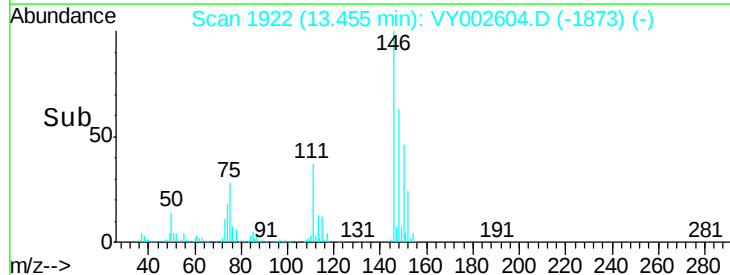
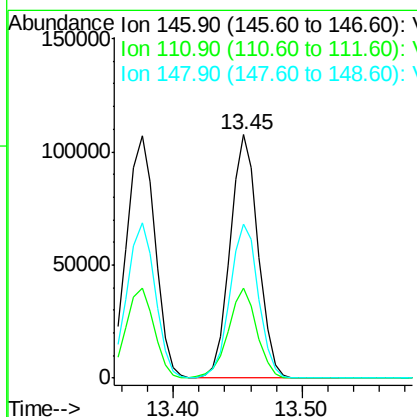
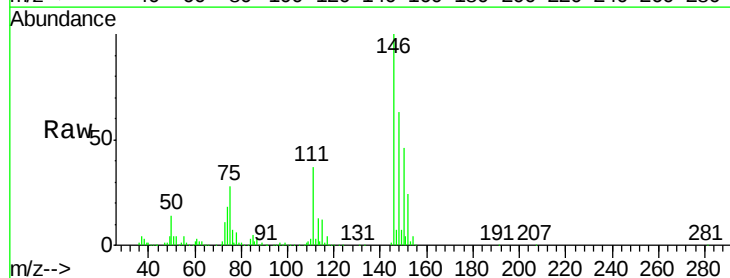
Manual Integrations
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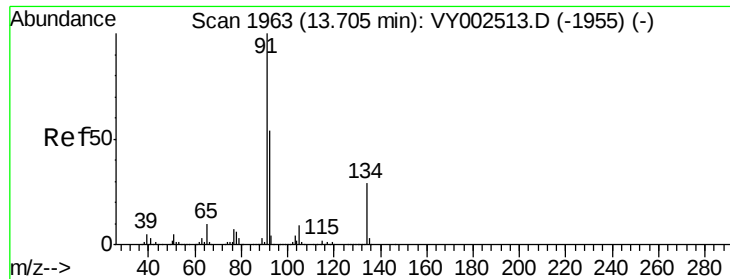
MMDadoda
 5/7/2020 10:35:23 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.882 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	162920		
111	38.0	18.1	54.1	
148	64.7	31.9	95.5	





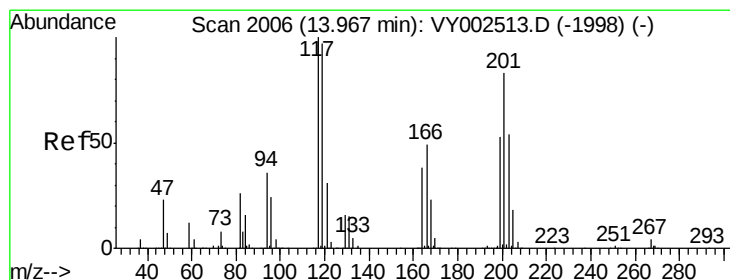
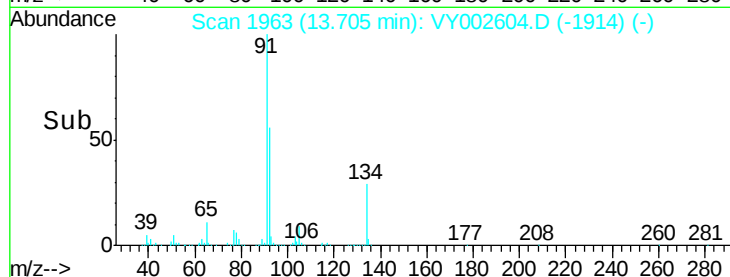
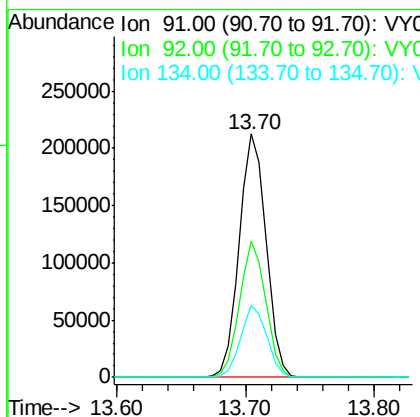
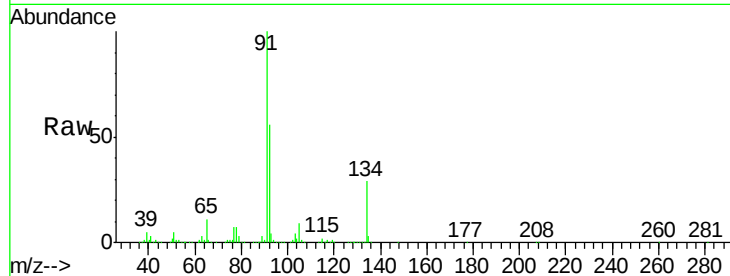
#89
n-Butylbenzene
Concen: 20.311 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.1	81.3
134	28.6	14.4	43.0

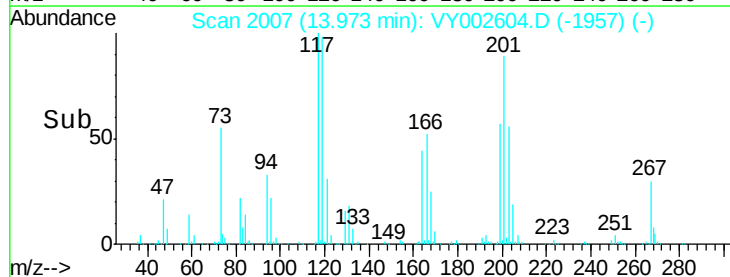
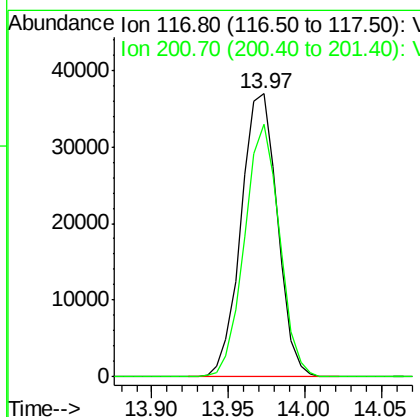
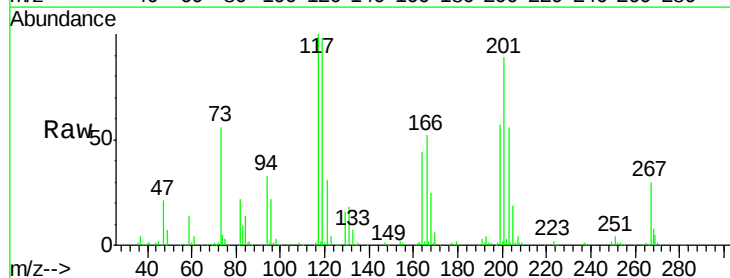
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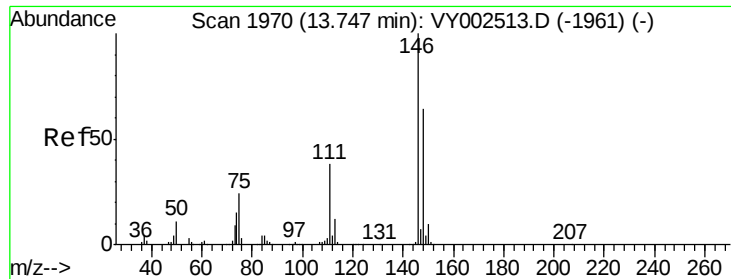
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#90
Hexachloroethane
Concen: 20.244 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.9	44.4	133.2





#91

1,2-Dichlorobenzene

Concen: 20.002 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

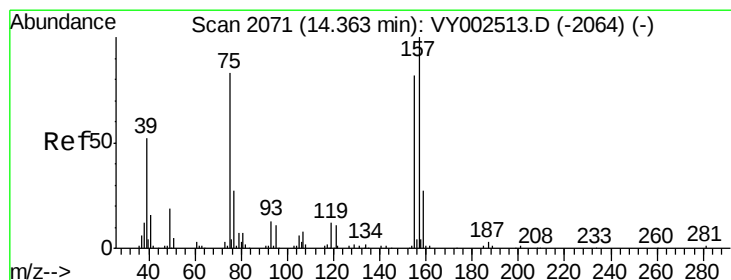
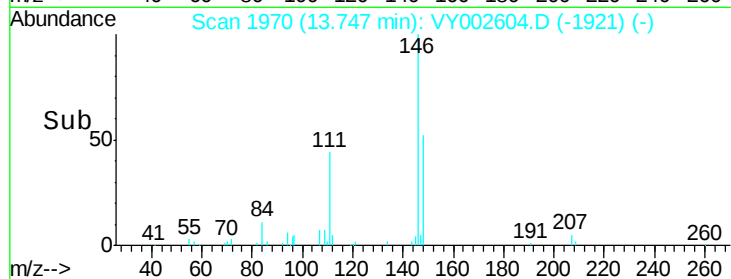
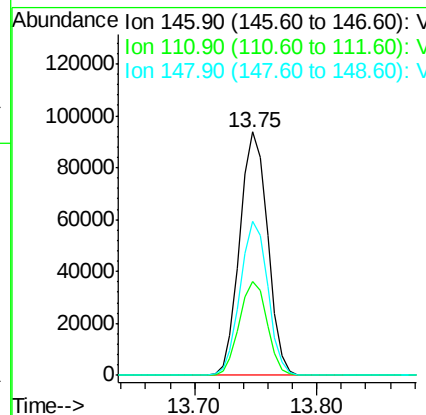
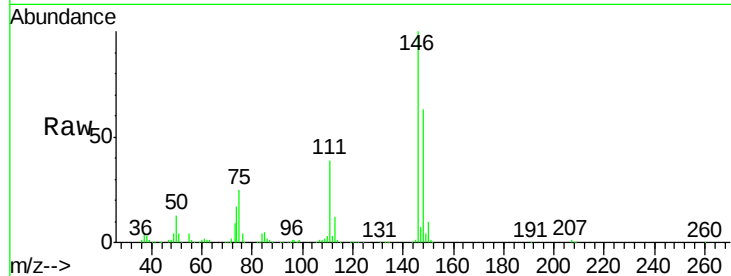
ClientSampleId :

VY0506SBS01

Tot Ion:	146	Resp:	147693
Ion Ratio	Lower	Upper	
146	100		
111	38.5	19.1	57.5
148	62.9	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.914 ug/l

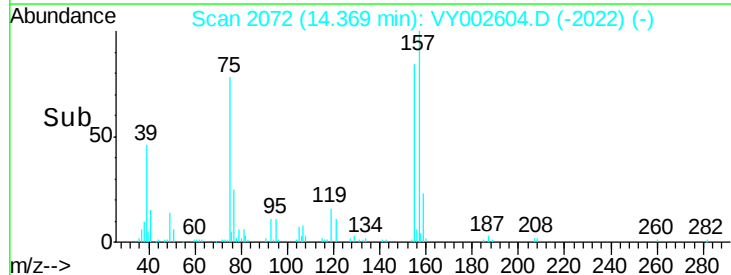
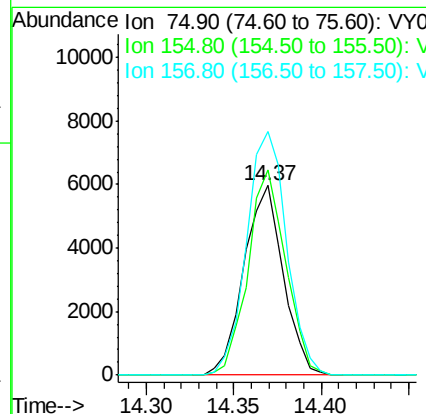
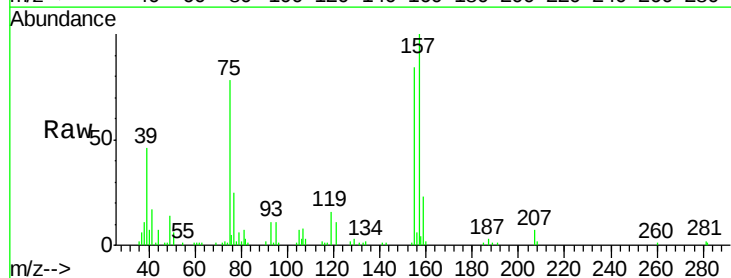
RT: 14.37 min Scan# 2072

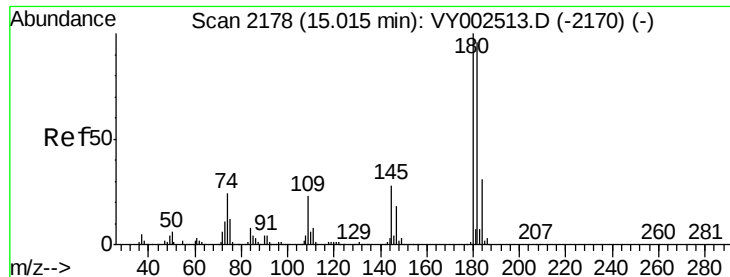
Delta R.T. 0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Tgt Ion:	75	Resp:	9294
Ion Ratio	Lower	Upper	
75	100		
155	104.3	51.3	153.9
157	131.3	65.0	195.0





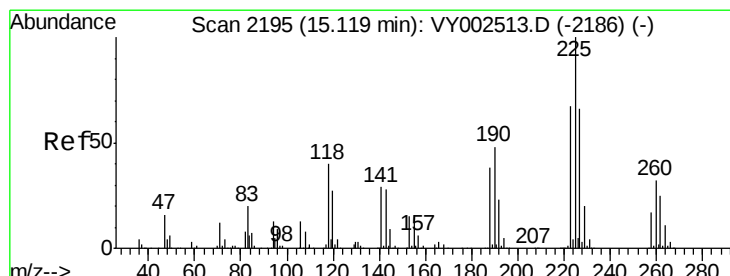
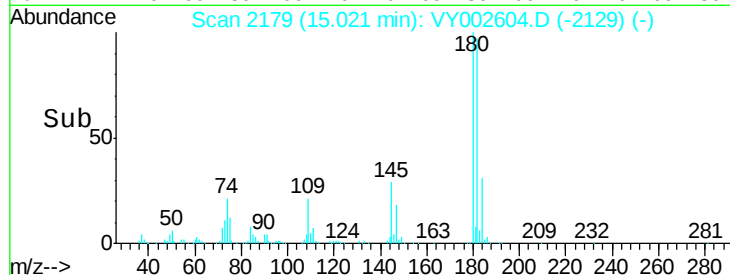
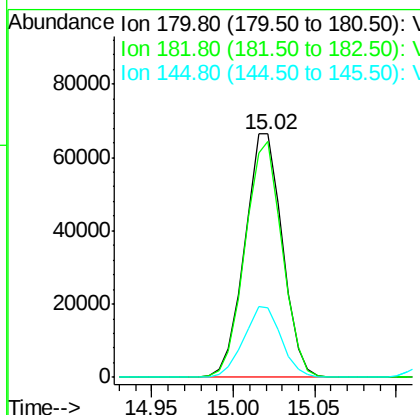
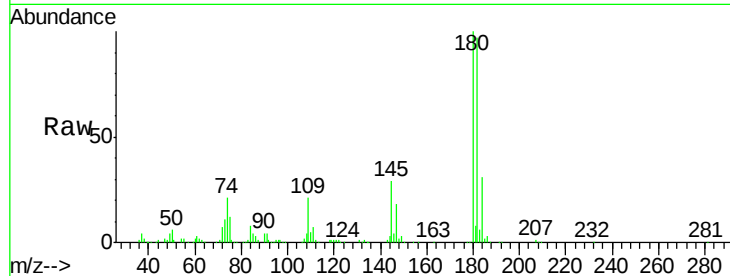
#93
 1,2,4-Trichlorobenzene
 Concen: 19.910 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	106737		
182	95.3	47.9	143.6	
145	29.1	14.4	43.0	

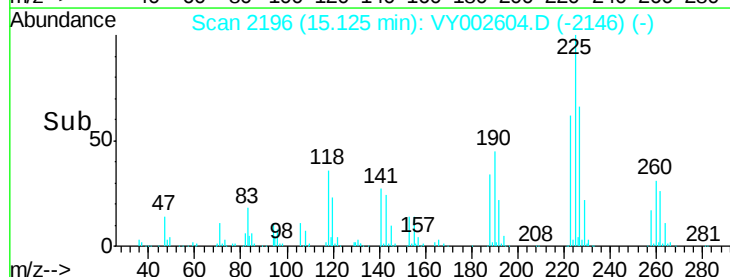
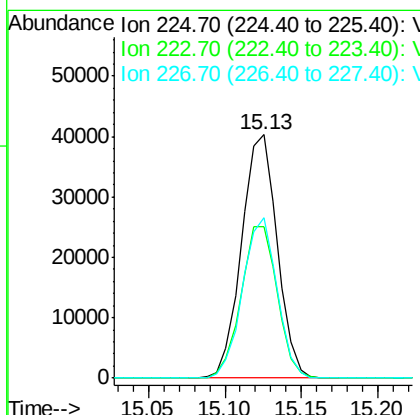
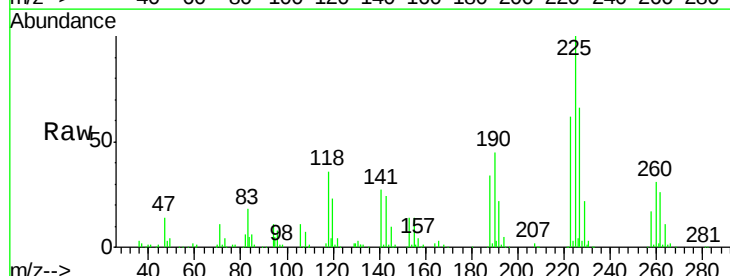
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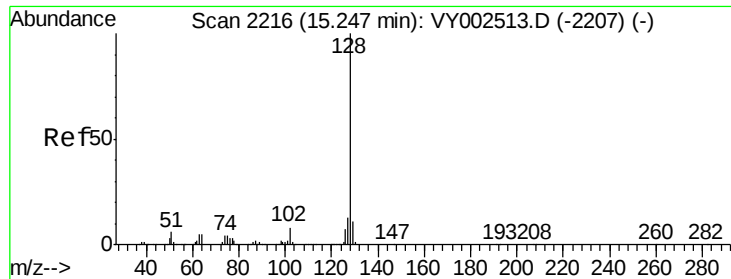
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#94
 Hexachlorobutadiene
 Concen: 20.220 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65066		
223	63.5	32.1	96.5	
227	63.9	32.0	96.2	





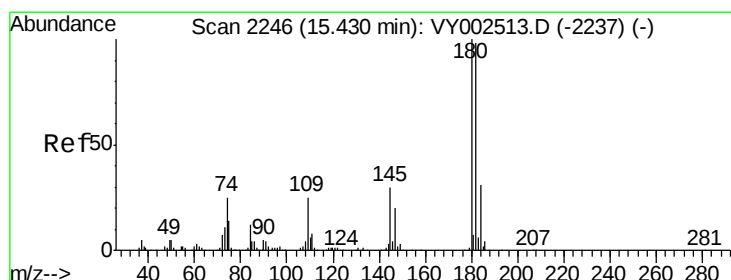
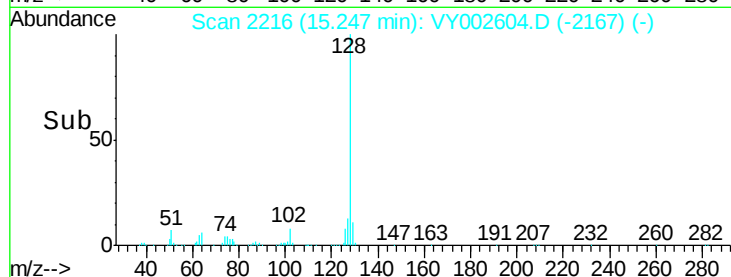
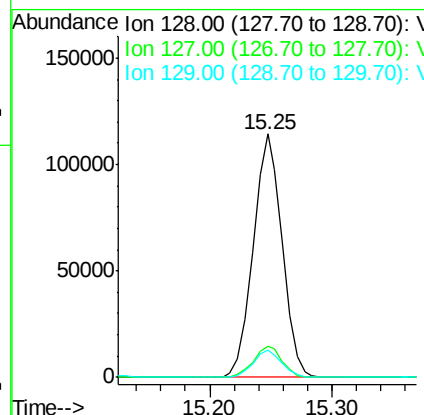
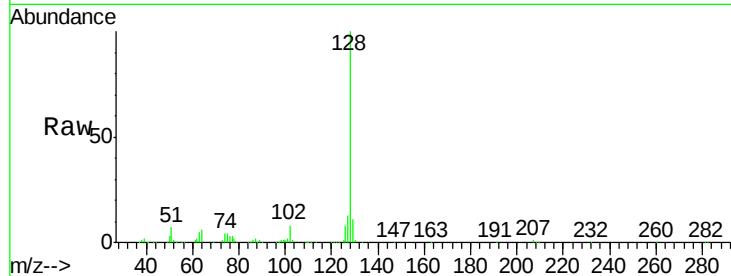
#95
Naphthalene
Concen: 19.108 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	186870		
127	12.8		10.5	15.7
129	11.1		8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 19.945 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	90771		
182	94.4		47.9	143.8
145	30.4		15.0	45.1

