

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002605.D
 Acq On : 06 May 2020 11:21
 Operator : SY/MD
 Sample : VY0506SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:35:24 AM

Quant Time: May 06 13:35:59 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	366724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	547349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	495391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	258272	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	151260	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
35) Dibromofluoromethane	7.74	113	162275	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
50) Toluene-d8	10.19	98	633484	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.49	95	216678	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	43139	15.513	ug/l	99
3) Chloromethane	2.12	50	53175	17.897	ug/l	99
4) Vinyl Chloride	2.26	62	61455	17.913	ug/l	97
5) Bromomethane	2.65	94	44380	18.758	ug/l	99
6) Chloroethane	2.80	64	38488	18.788	ug/l	96
7) Trichlorofluoromethane	3.14	101	99169	18.651	ug/l	98
8) Diethyl Ether	3.54	74	35588	19.917	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	63249	19.463	ug/l	99
10) Methyl Iodide	4.11	142	81189	18.338	ug/l	100
11) Tert butyl alcohol	4.98	59	28415	89.570	ug/l	100
12) 1,1-Dichloroethene	3.90	96	60374	19.124	ug/l	98
13) Acrolein	3.75	56	17123	78.055	ug/l	95
14) Allyl chloride	4.51	41	93897	20.414	ug/l	97
15) Acrylonitrile	5.19	53	83476	99.066	ug/l	99
16) Acetone	3.97	43	59112	92.890	ug/l	100
17) Carbon Disulfide	4.21	76	168562	17.748	ug/l	99
18) Methyl Acetate	4.50	43	40937	19.253	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	161572	19.617	ug/l	97
20) Methylene Chloride	4.74	84	68216	19.169	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	67277	19.498	ug/l	95
22) Diisopropyl ether	6.15	45	196442	21.107	ug/l	97
23) Vinyl Acetate	6.08	43	585406	100.016	ug/l	98
24) 1,1-Dichloroethane	6.04	63	111956	20.334	ug/l	99
25) 2-Butanone	7.01	43	100061	96.057	ug/l	96
26) 2,2-Dichloropropane	7.00	77	102348	19.556	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	76865	20.133	ug/l	99
28) Bromochloromethane	7.36	49	48459	21.481	ug/l	99
29) Tetrahydrofuran	7.36	42	69073	100.222	ug/l	98
30) Chloroform	7.54	83	115545	20.183	ug/l	97
31) Cyclohexane	7.80	56	104603	18.874	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	105496	19.826	ug/l	98
36) 1,1-Dichloropropene	7.94	75	90272	19.674	ug/l	99
37) Ethyl Acetate	7.10	43	46778	19.839	ug/l	99
38) Carbon Tetrachloride	7.92	117	97183	19.400	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	117487	19.386	ug/l	98
40) Benzene	8.18	78	265614	20.043	ug/l	98
41) Methacrylonitrile	7.33	41	25207m	19.883	ug/l	
42) 1,2-Dichloroethane	8.25	62	71485	19.230	ug/l	98
43) Isopropyl Acetate	8.29	43	88279	19.971	ug/l	100
44) Trichloroethene	8.96	130	84965	20.515	ug/l	98
45) 1,2-Dichloropropane	9.23	63	65644	20.524	ug/l	97
46) Dibromomethane	9.32	93	35617	19.354	ug/l	99
47) Bromodichloromethane	9.51	83	89233	19.942	ug/l	97
48) Methyl methacrylate	9.31	41	38936	19.463	ug/l	99
49) 1,4-Dioxane	9.32	88	10310	423.139	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	225267	98.869	ug/l	99
52) Toluene	10.25	92	171675	20.157	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	91480	19.512	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	107181	19.775	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	53535	19.949	ug/l	98
56) Ethyl methacrylate	10.52	69	71021	19.894	ug/l	97
57) 1,3-Dichloropropane	10.80	76	91069	20.011	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	198846	105.620	ug/l	99
59) 2-Hexanone	10.85	43	156052	99.511	ug/l	99
60) Dibromochloromethane	11.00	129	66471	19.475	ug/l	99
61) 1,2-Dibromoethane	11.10	107	52064	19.593	ug/l	100
64) Tetrachloroethene	10.73	164	92704	21.062	ug/l	96
65) Chlorobenzene	11.53	112	189694	20.143	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	69963	20.014	ug/l	99
67) Ethyl Benzene	11.60	91	333653	20.170	ug/l	100
68) m/p-Xylenes	11.71	106	256995	40.152	ug/l	99
69) o-Xylene	12.04	106	121594	20.289	ug/l	99
70) Styrene	12.05	104	208795	20.380	ug/l	99
71) Bromoform	12.22	173	43012	19.824	ug/l #	100
73) Isopropylbenzene	12.34	105	334223	19.967	ug/l	100
74) N-amyl acetate	12.15	43	80726	20.049	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	49717	18.676	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	40471m	17.633	ug/l	
77) Bromobenzene	12.62	156	83572	19.984	ug/l	100
78) n-propylbenzene	12.68	91	392060	20.184	ug/l	100
79) 2-Chlorotoluene	12.77	91	215205	20.001	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	278869	20.099	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	21863	19.101	ug/l	98
82) 4-Chlorotoluene	12.86	91	225145	19.920	ug/l	100
83) tert-Butylbenzene	13.08	119	250315	20.575	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	279691	20.227	ug/l	100
85) sec-Butylbenzene	13.26	105	343284	20.335	ug/l	100
86) p-Isopropyltoluene	13.38	119	321998	20.357	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	159401	20.139	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	159269	20.322	ug/l	98
89) n-Butylbenzene	13.70	91	298714	20.744	ug/l	99
90) Hexachloroethane	13.97	117	58562	20.330	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	143262	20.285	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9875	19.900	ug/l	96

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QLast Update : Mon May 04 12:22:08 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	107804	21.024	ug/l	99
94) Hexachlorobutadiene	15.13	225	63921	20.768	ug/l	99
95) Naphthalene	15.25	128	191605	20.484	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	91352	20.986	ug/l	100

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

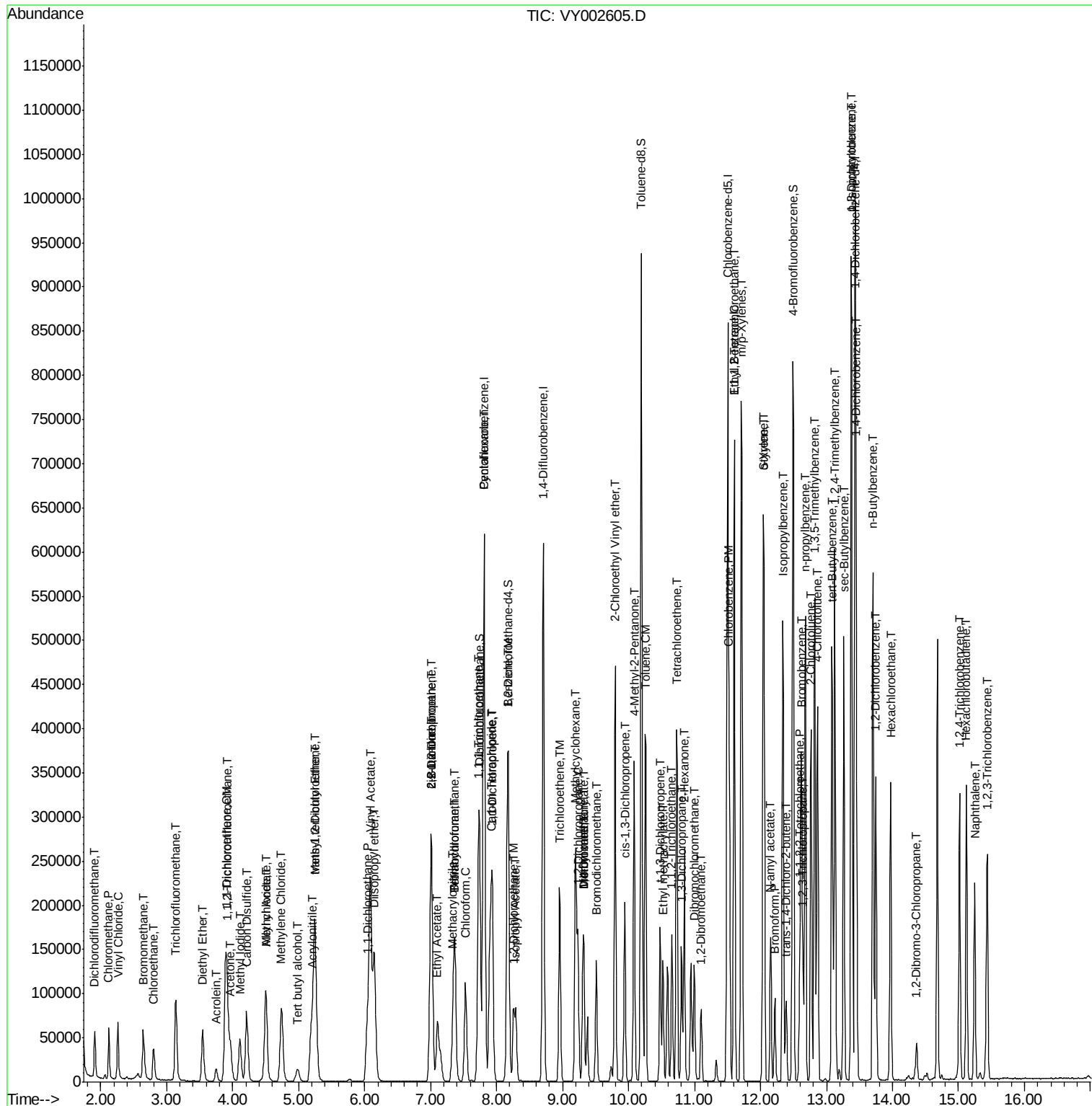
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
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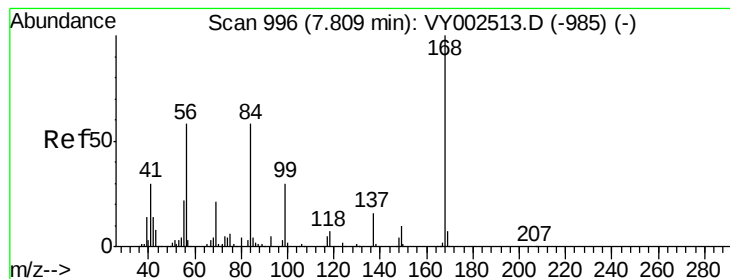
Instrument :
 MSVOA_Y
 Client Sample Id :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion:168 Resp: 366724

Ion Ratio Lower Upper

168 100

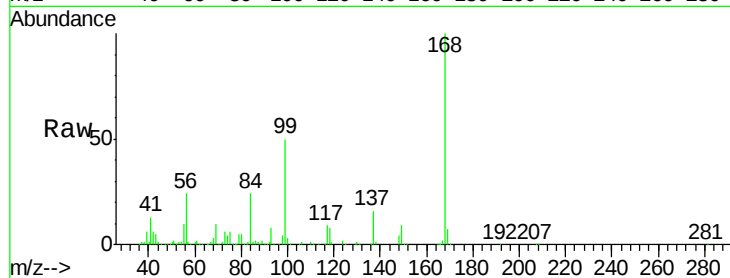
99 50.3 39.2 58.8

Manual Integrations

APPROVED

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5/7/2020 10:35:24 AM



Abundance Ion 167.90 (167.60 to 168.60): VY002605.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002605.D (-947) (-)

7.81

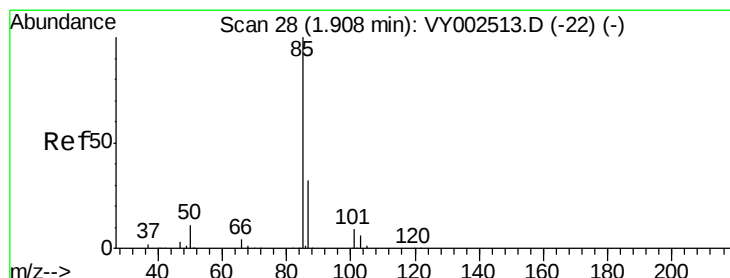
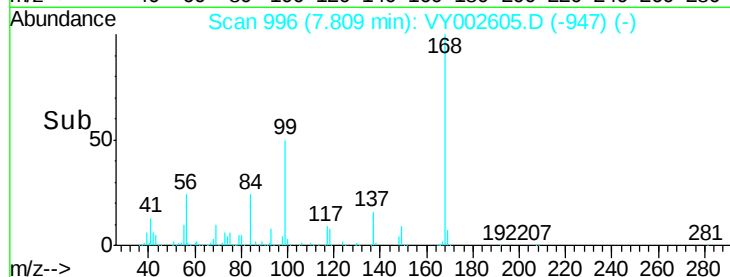
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.513 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002605.D

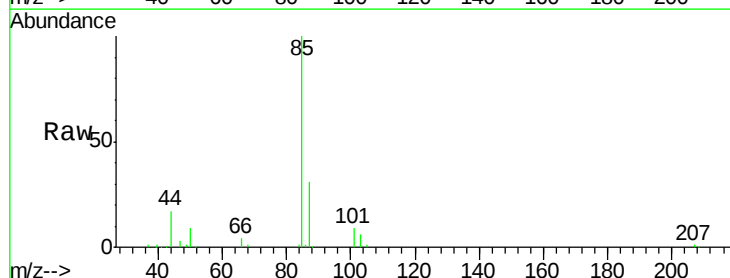
Acq: 06 May 2020 11:21

Tgt Ion: 85 Resp: 43139

Ion Ratio Lower Upper

85 100

87 31.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002605.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002605.D (-1) (-)

1.91

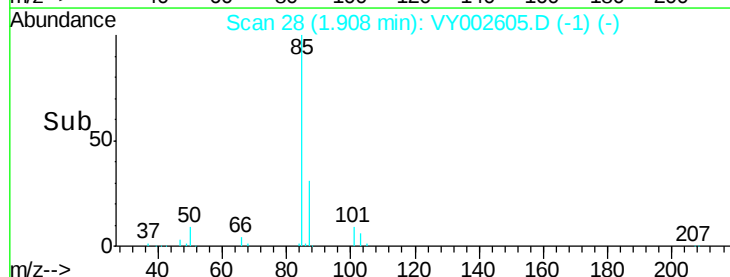
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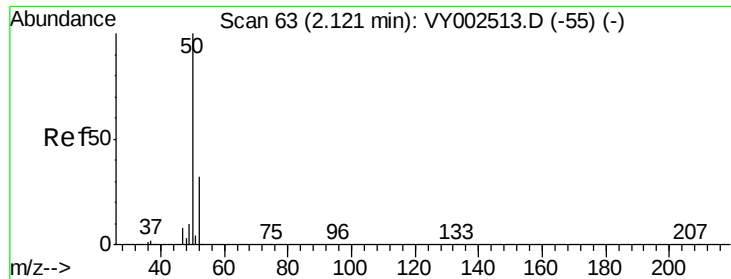
20000

10000

0

Time-->





#3

Chloromethane

Concen: 17.897 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion: 50 Resp: 53175

Ion Ratio Lower Upper

50 100

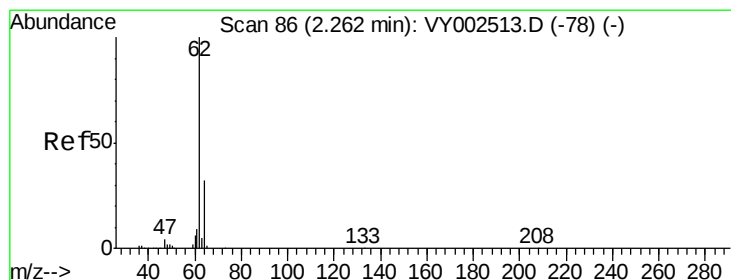
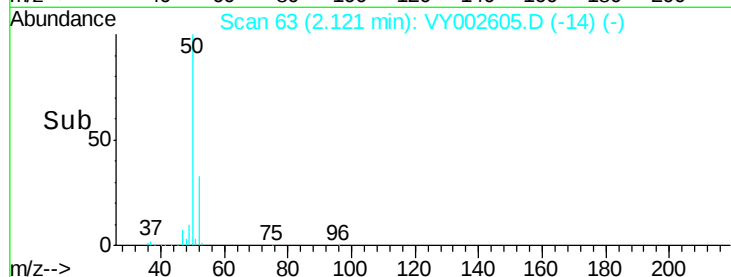
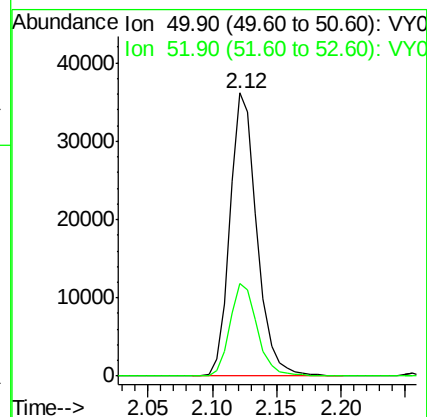
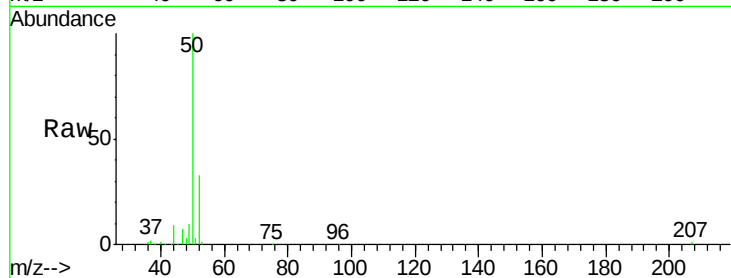
52 32.9 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.913 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY002605.D

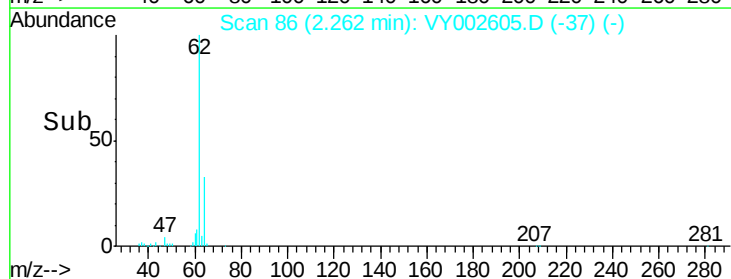
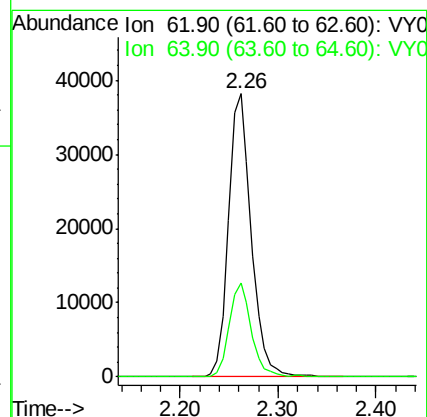
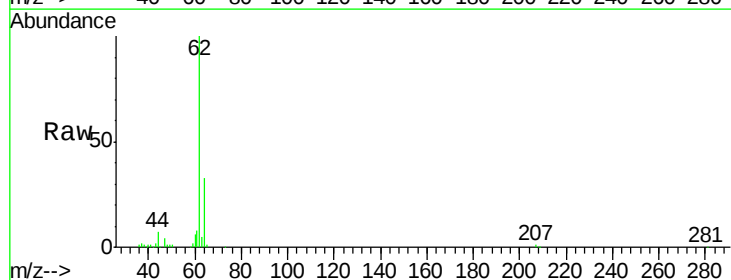
Acq: 06 May 2020 11:21

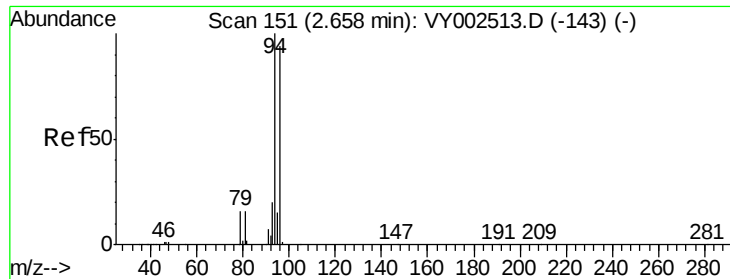
Tgt Ion: 62 Resp: 61455

Ion Ratio Lower Upper

62 100

64 33.0 25.3 37.9





#5

Bromomethane

Concen: 18.758 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

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ClientSampleId :

VY0506SBSD01

Tot Ion: 94 Resp: 44380

Ion Ratio Lower Upper

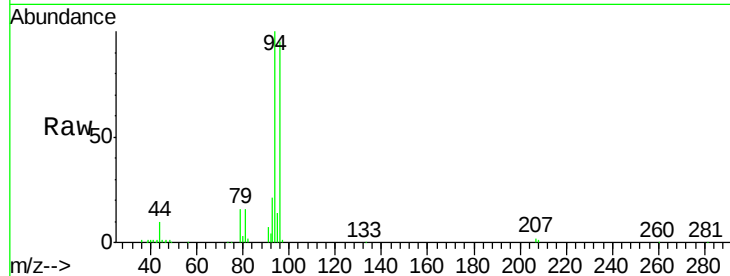
94 100

96 94.6 74.9 112.3

Manual Integrations
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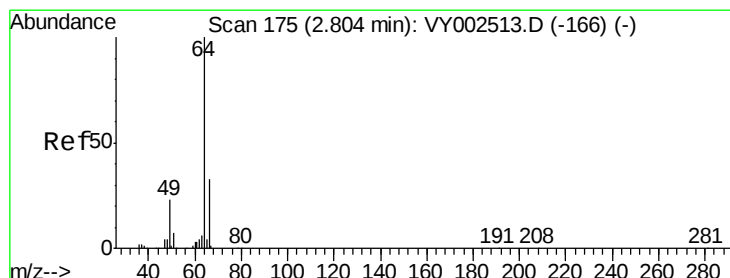
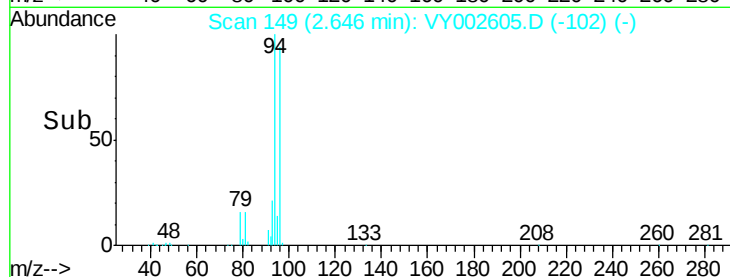
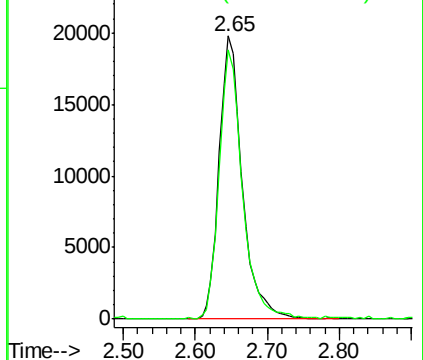
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.788 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002605.D

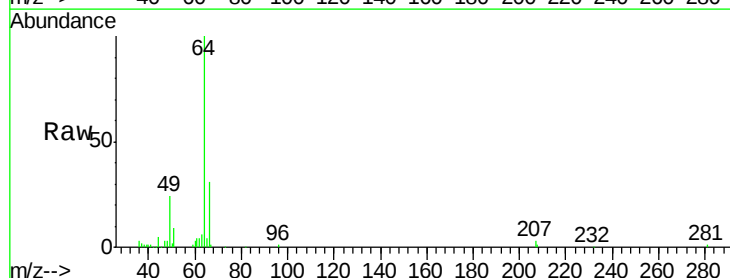
Acq: 06 May 2020 11:21

Tgt Ion: 64 Resp: 38488

Ion Ratio Lower Upper

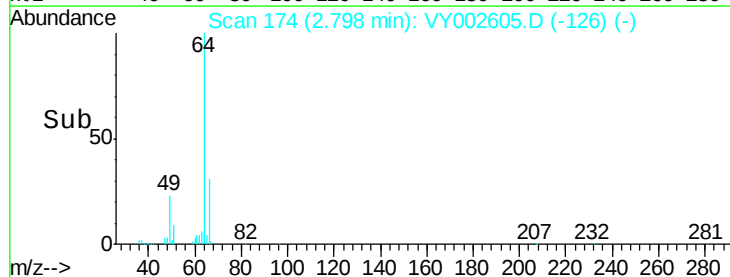
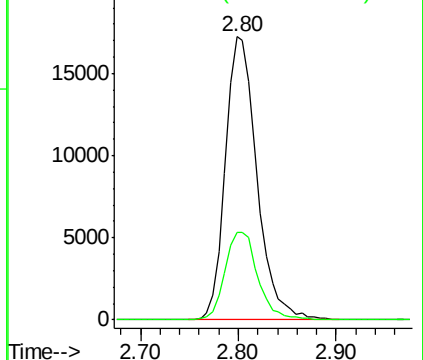
64 100

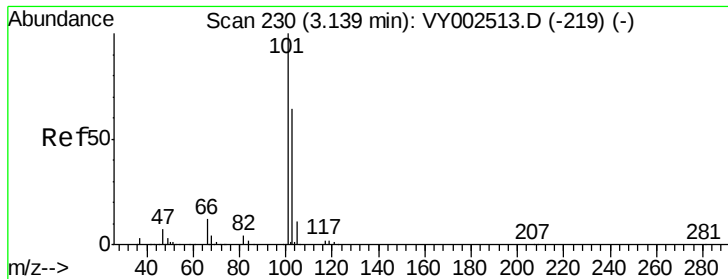
66 30.8 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

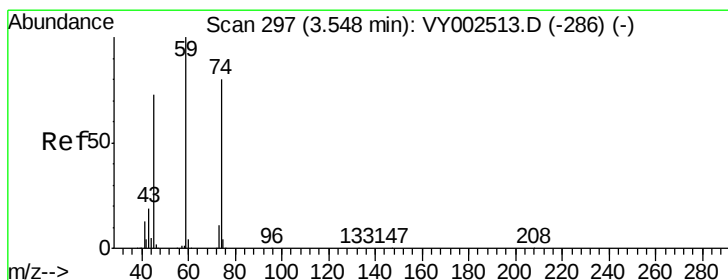
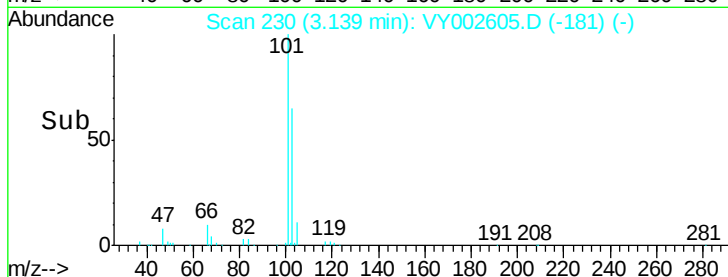
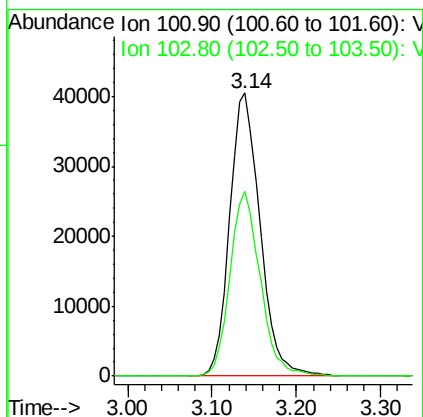
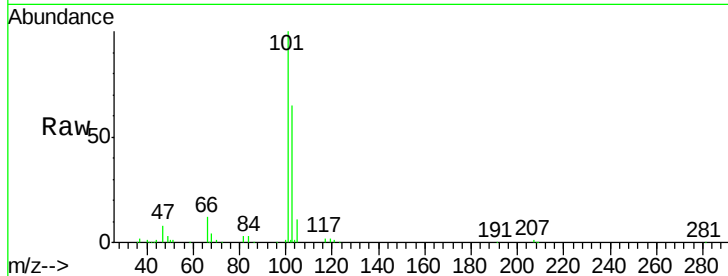
Trichlorofluoromethane
Concen: 18.651 ug/l
RT: 3.14 min Scan# 230
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.4	77.0

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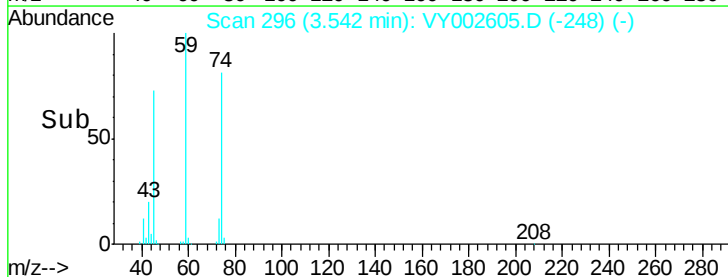
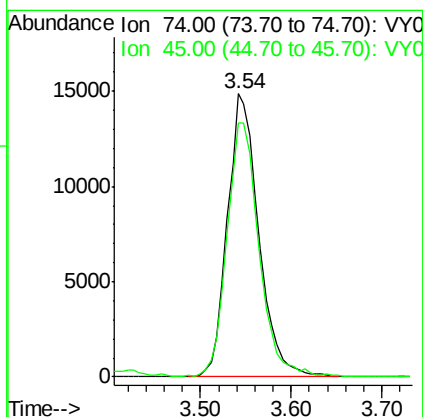
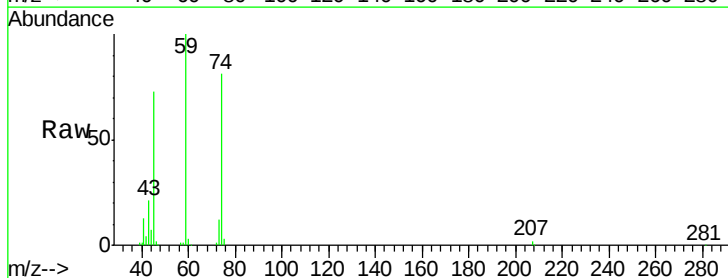
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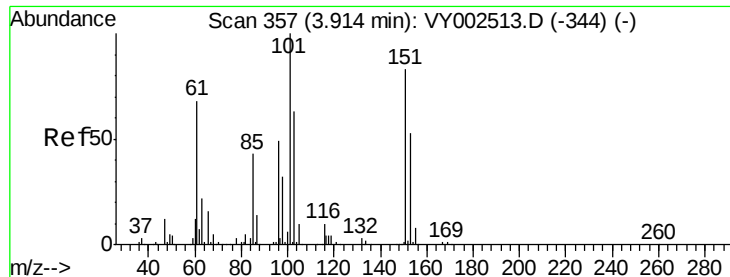


#8

Diethyl Ether
Concen: 19.917 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY002605.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	46.2	138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.463 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

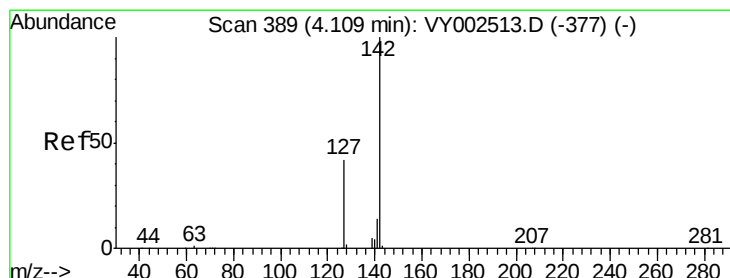
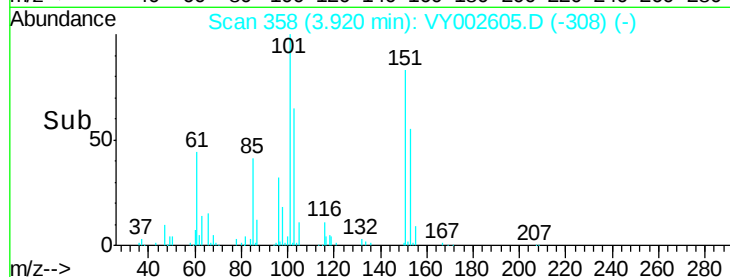
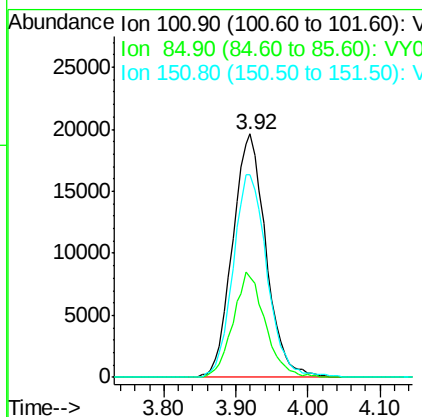
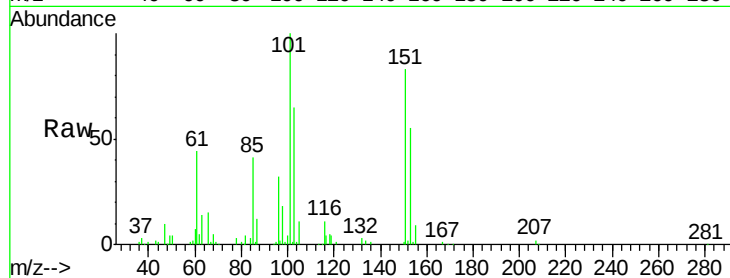
ClientSampleId :

VY0506SBS01

Tot Ion:	101	Resp:	63249
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.4	50.2
151	84.9	66.8	100.2

Manual Integrations
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MMDadoda
5/7/2020 10:35:24 AM



#10

Methyl Iodide

Concen: 18.338 ug/l

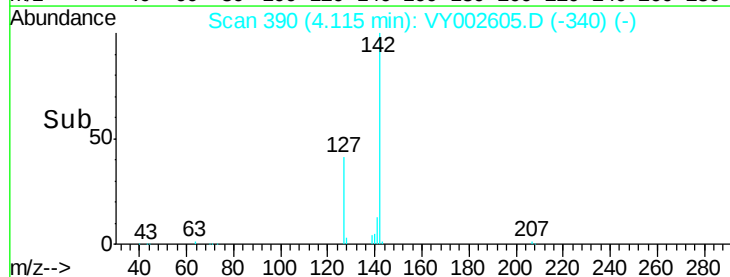
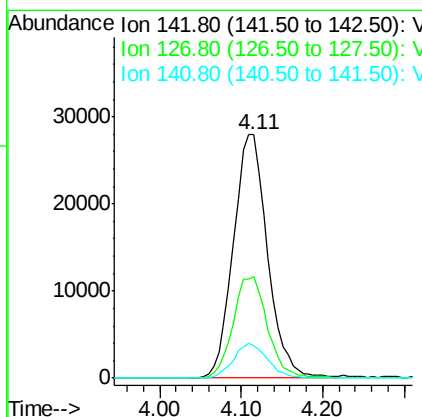
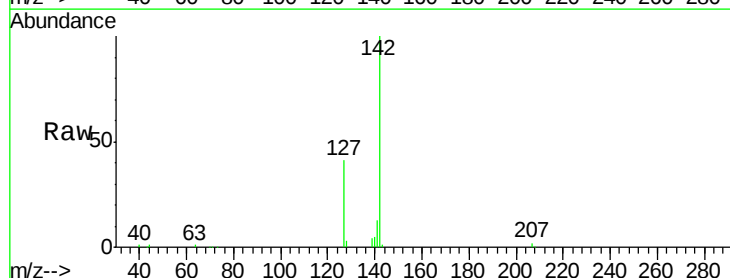
RT: 4.11 min Scan# 390

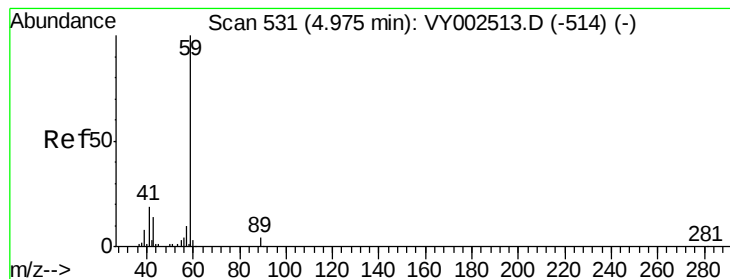
Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Tgt Ion:	142	Resp:	81189
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.7	50.5
141	14.1	11.4	17.0





#11

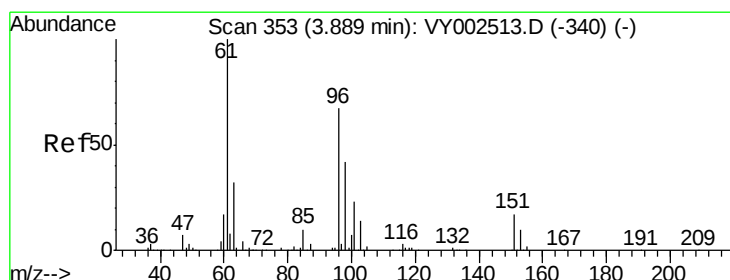
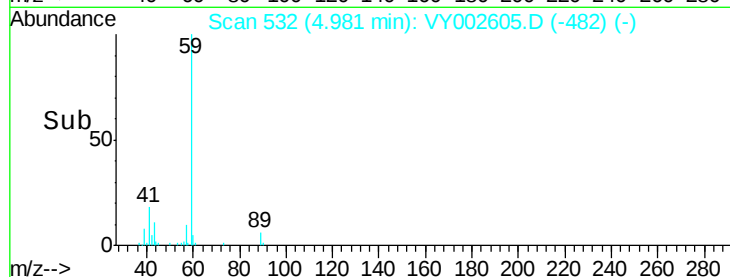
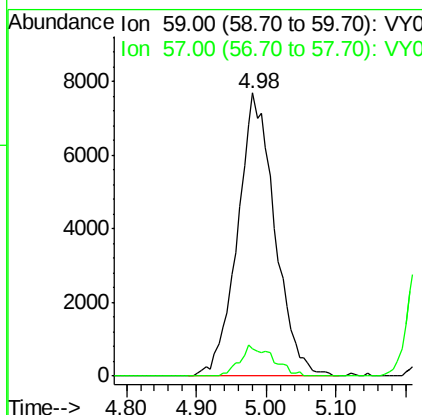
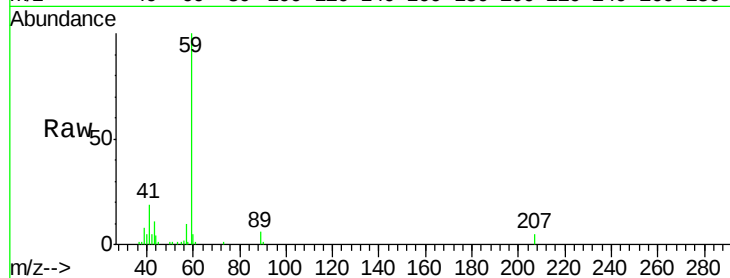
Tert butyl alcohol
 Concen: 89.570 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Tot Ion	59	Ratio	Lower	Upper
59	100			
57	9.7		7.8	11.6

Manual Integrations
 APPROVED

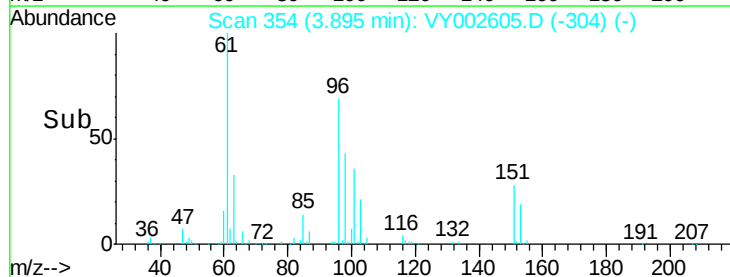
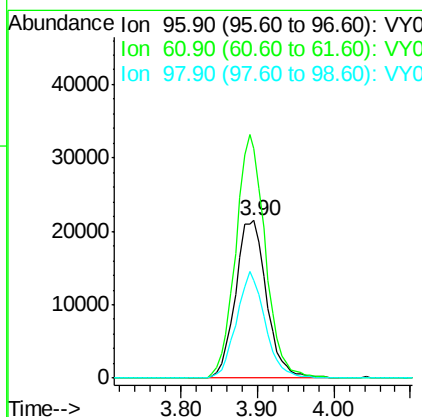
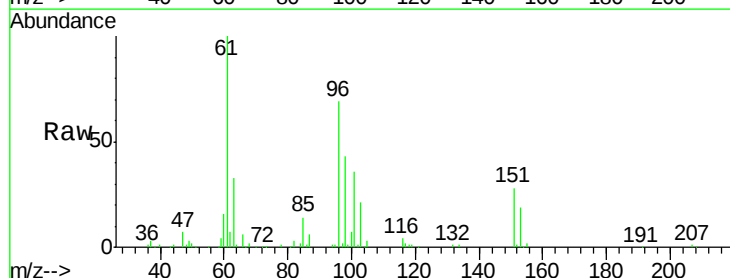
MMDadoda
 5/7/2020 10:35:24 AM

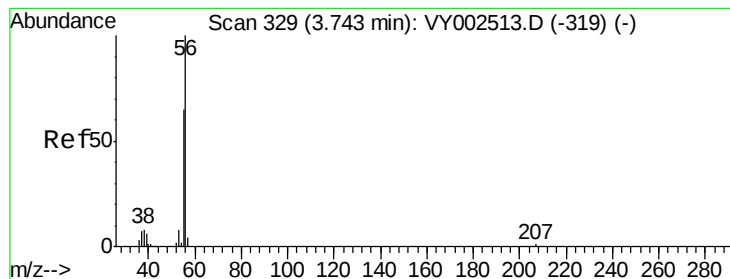


#12

1,1-Dichloroethene
 Concen: 19.124 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Tgt Ion	96	Ratio	Lower	Upper
96	100			
61	145.9		118.8	178.2
98	62.3		49.6	74.4





#13

Acrolein

Concen: 78.055 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion: 56 Resp: 17123

Ion Ratio Lower Upper

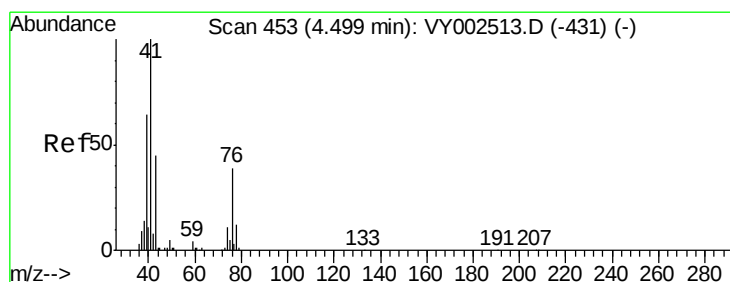
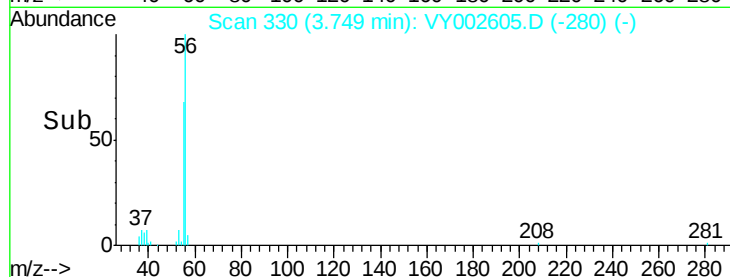
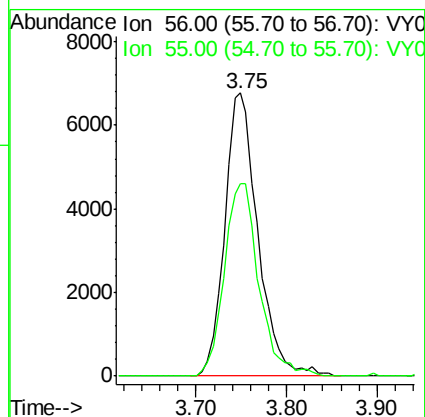
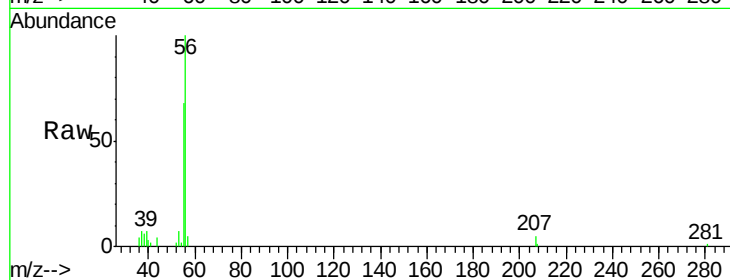
56 100

55 71.4 53.8 80.6

Manual Integrations
APPROVED

MMDadoda

5/7/2020 10:35:24 AM



#14

Allyl chloride

Concen: 20.414 ug/l

RT: 4.51 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

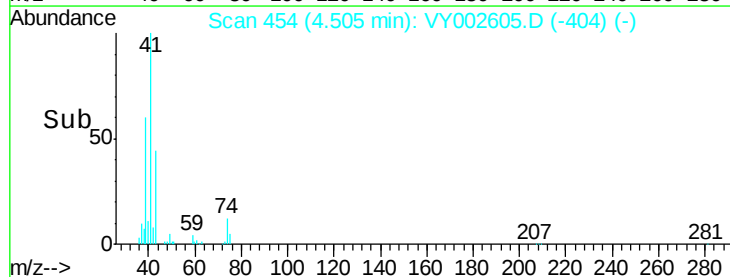
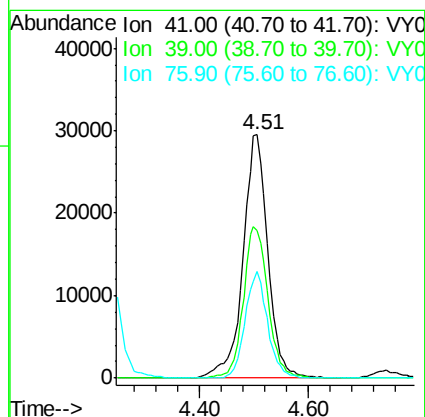
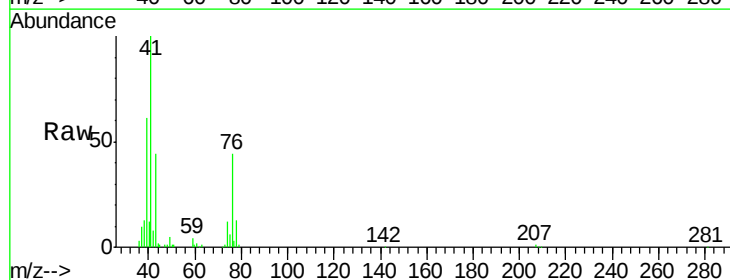
Tgt Ion: 41 Resp: 93897

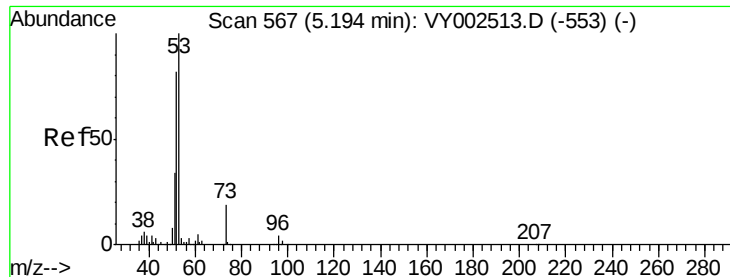
Ion Ratio Lower Upper

41 100

39 61.6 51.8 77.6

76 39.5 31.7 47.5





#15

Acrylonitrile

Concen: 99.066 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

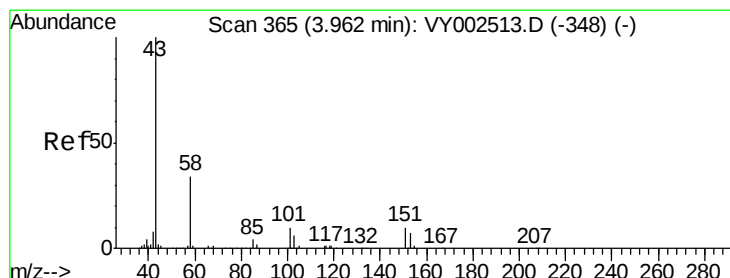
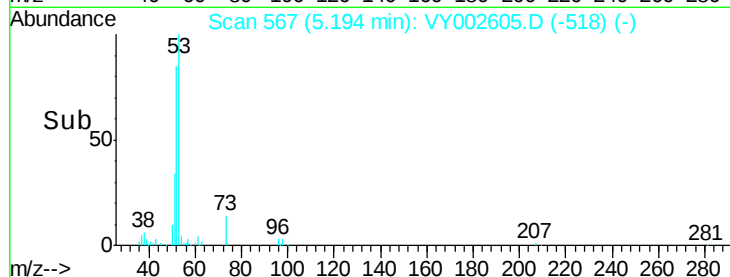
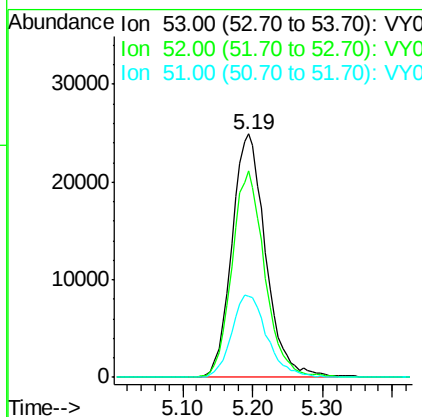
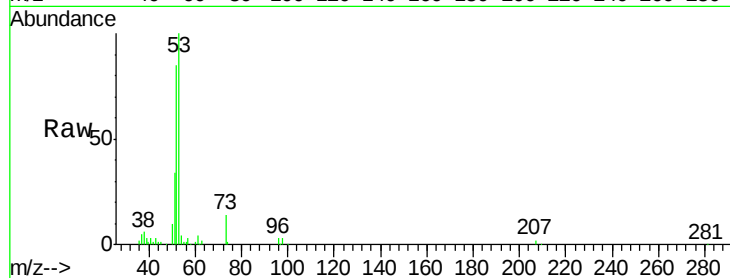
ClientSampleId :

VY0506SBS01

Tot Ion:	53	Resp:	83476
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.4	98.0
51	35.6	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 92.890 ug/l

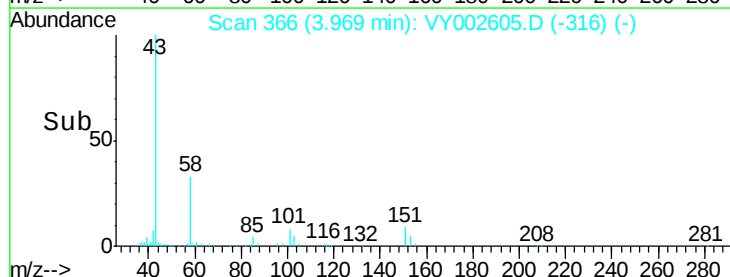
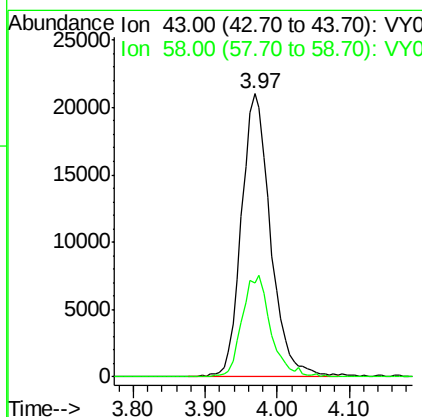
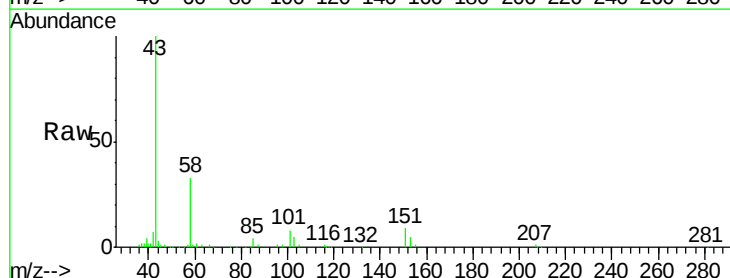
RT: 3.97 min Scan# 366

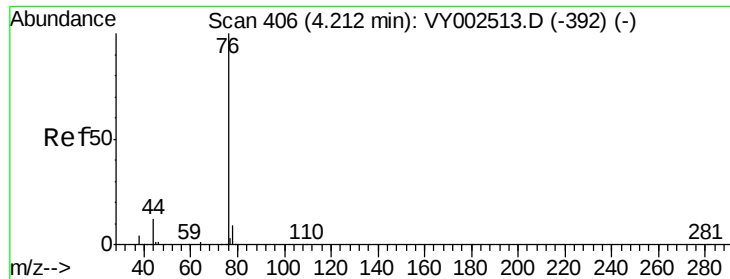
Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Tgt Ion:	43	Resp:	59112
Ion	Ratio	Lower	Upper
43	100		
58	33.3	26.9	40.3





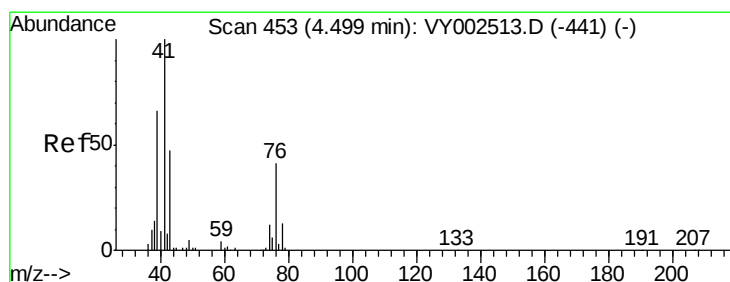
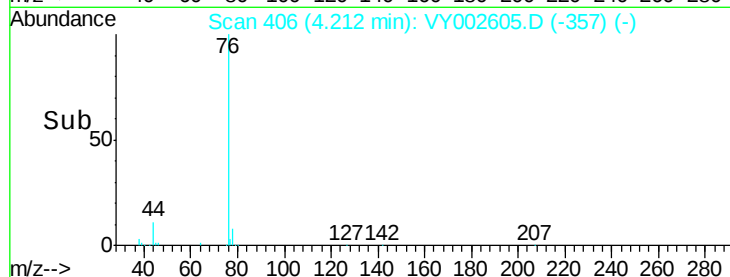
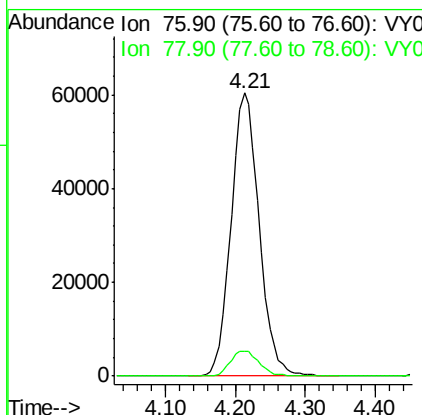
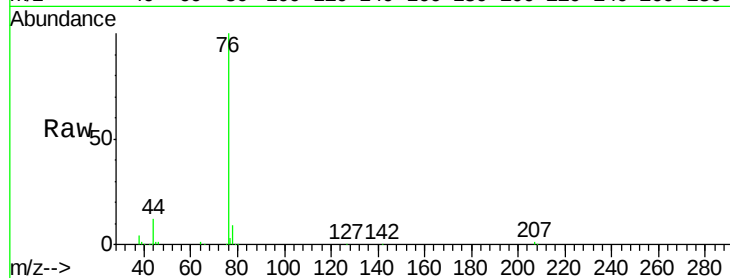
#17
Carbon Disulfide
Concen: 17.748 ug/l
RT: 4.21 min Scan# 406
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
76	100	168562		
78	8.9		7.4	11.2

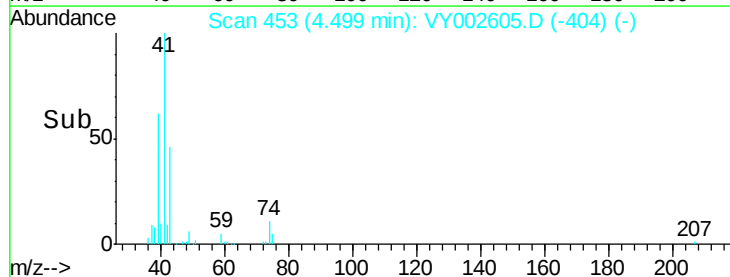
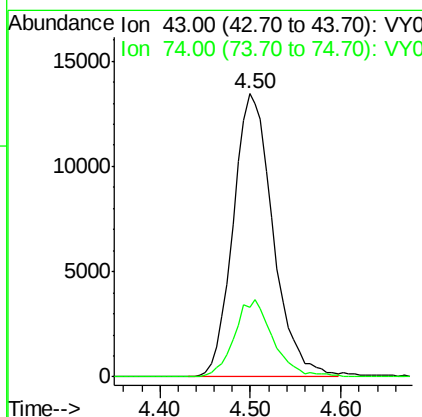
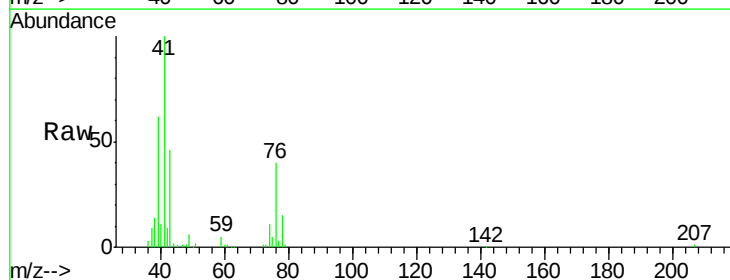
Manual Integrations
APPROVED

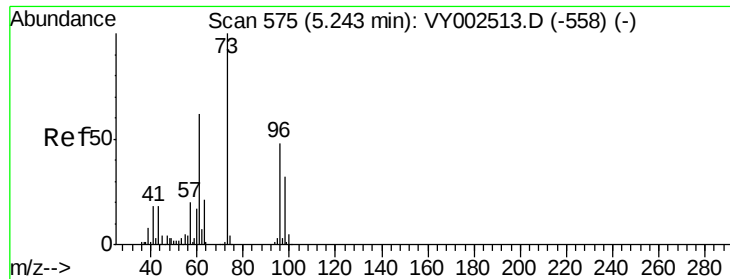
MMDadoda
5/7/2020 10:35:24 AM



#18
Methyl Acetate
Concen: 19.253 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	40937		
74	26.5		21.2	31.8





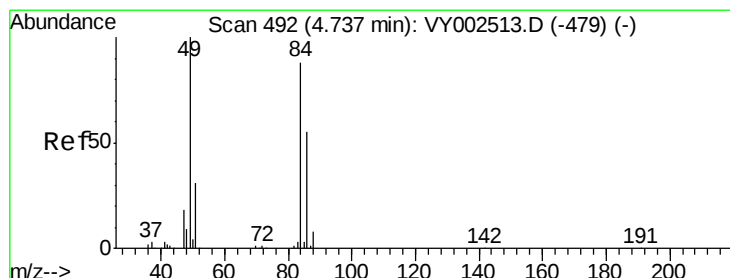
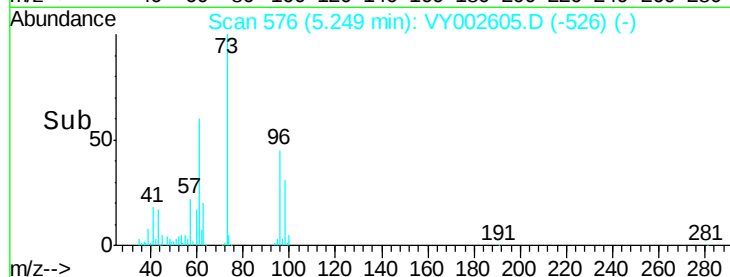
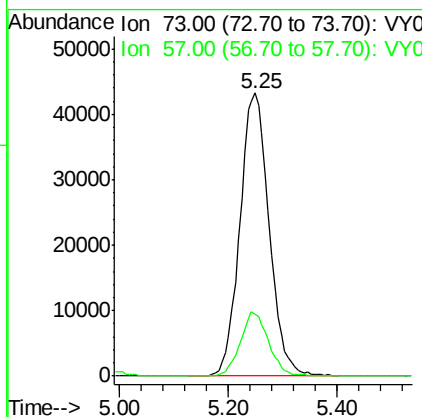
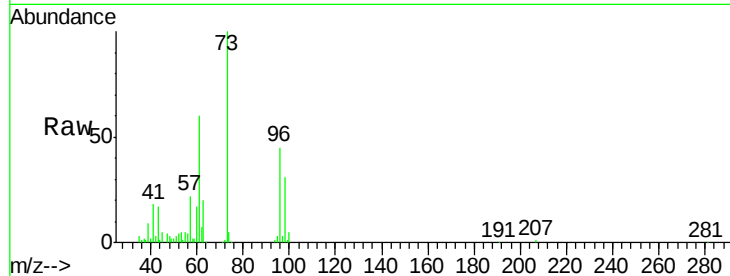
#19
Methvl tert-butvl Ether
Concen: 19.617 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBSD01

Tot Ion: 73 Resp: 161572
Ion Ratio Lower Upper
73 100
57 21.8 16.3 24.5

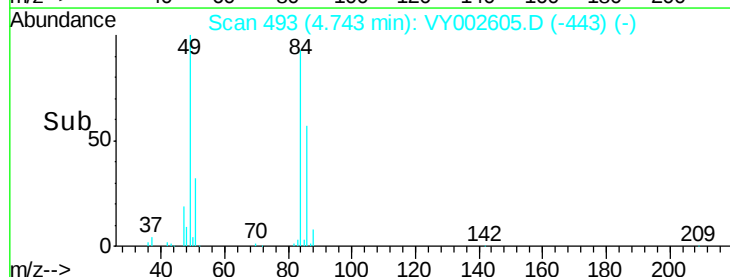
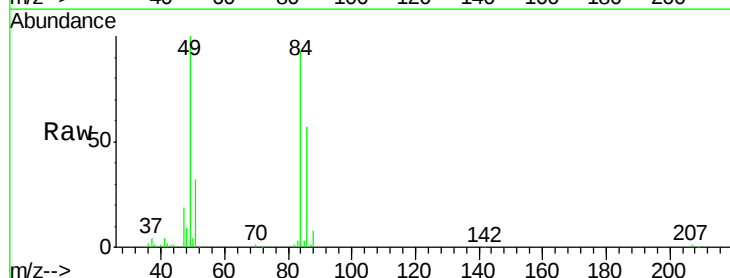
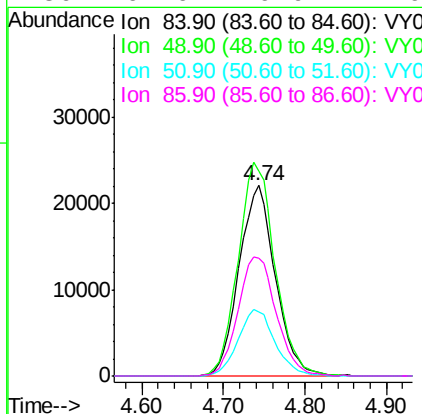
Manual Integrations
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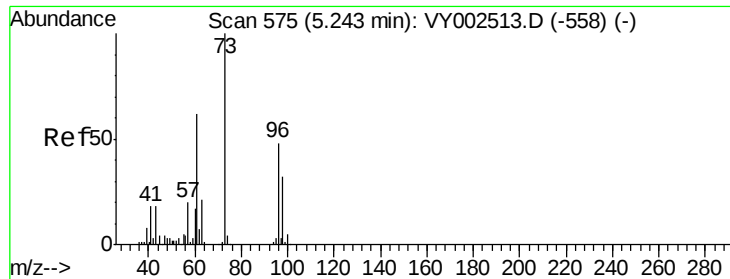
MMDadoda
5/7/2020 10:35:24 AM



#20
Methylene Chloride
Concen: 19.169 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion: 84 Resp: 68216
Ion Ratio Lower Upper
84 100
49 107.5 90.5 135.7
51 33.9 28.3 42.5
86 61.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.498 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

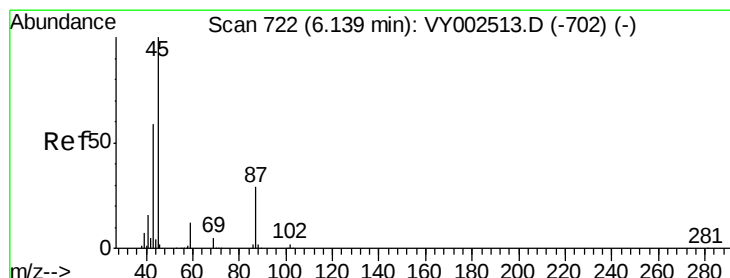
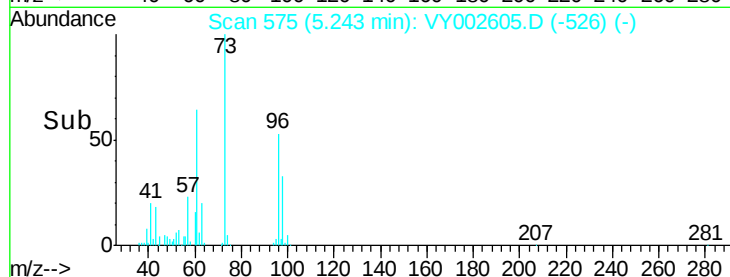
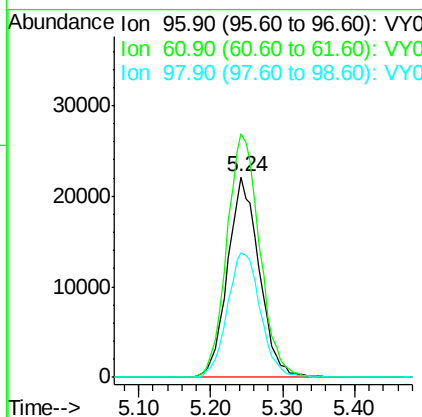
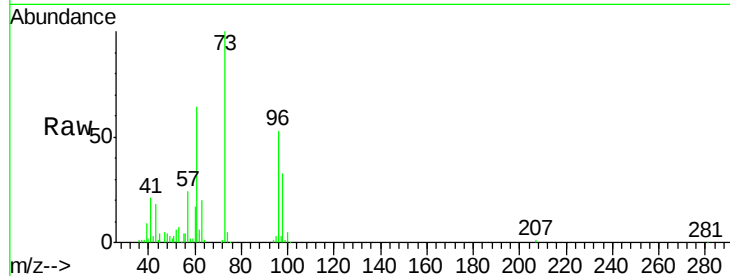
ClientSampled :

VY0506SBS01

Tot Ion:	96	Resp:	67277
Ion	Ratio	Lower	Upper
96	100		
61	121.3	102.0	153.0
98	62.0	53.0	79.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.107 ug/l

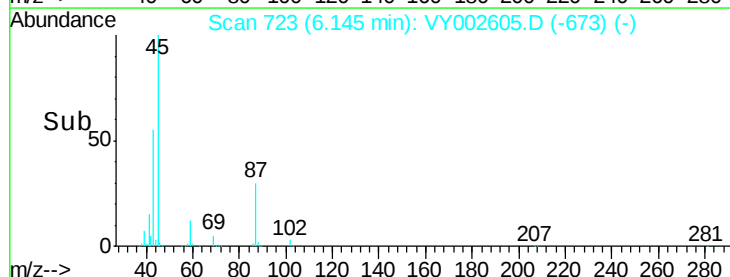
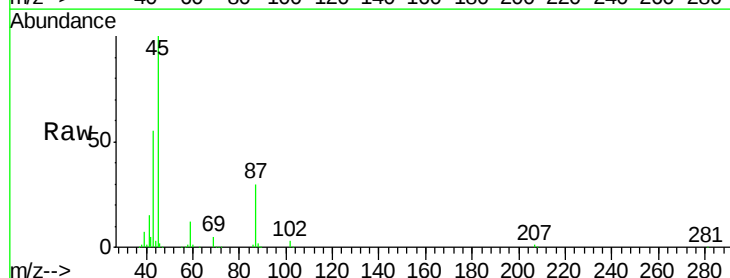
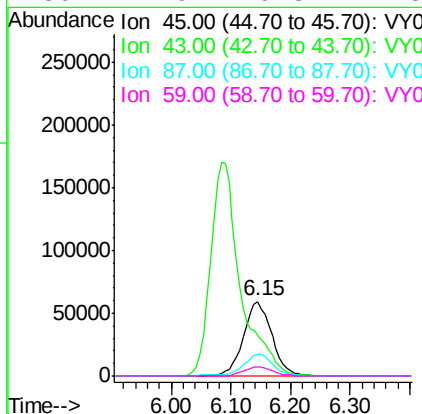
RT: 6.15 min Scan# 723

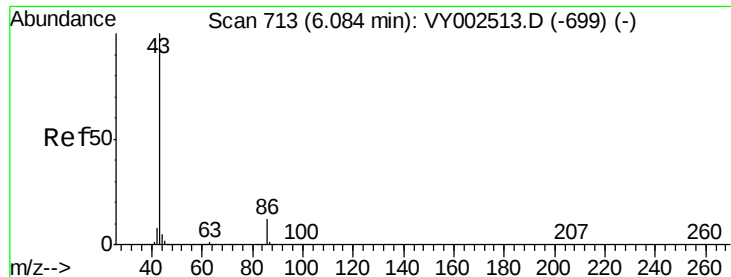
Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Tgt Ion:	45	Resp:	196442
Ion	Ratio	Lower	Upper
45	100		
43	55.0	47.4	71.0
87	30.0	24.0	36.0
59	11.9	9.8	14.8





#23

Vinyl Acetate

Concen: 100.016 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion: 43 Resp: 585406

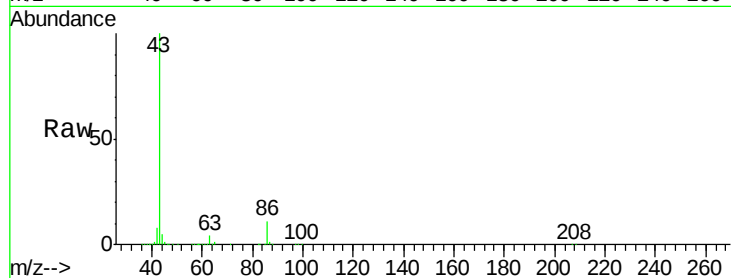
Ion Ratio Lower Upper

43 100

86 11.3 9.8 14.6

Manual Integrations
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MMDadoda
5/7/2020 10:35:24 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

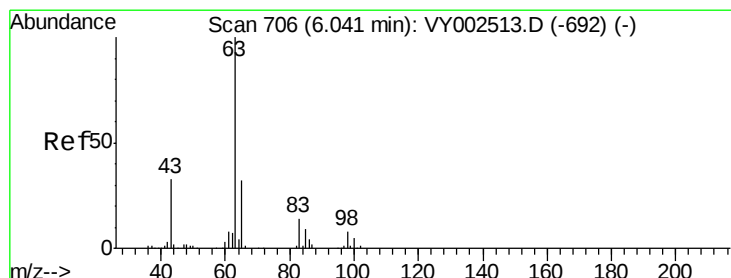
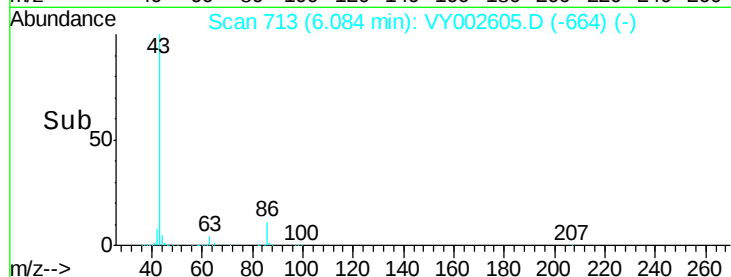
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.334 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

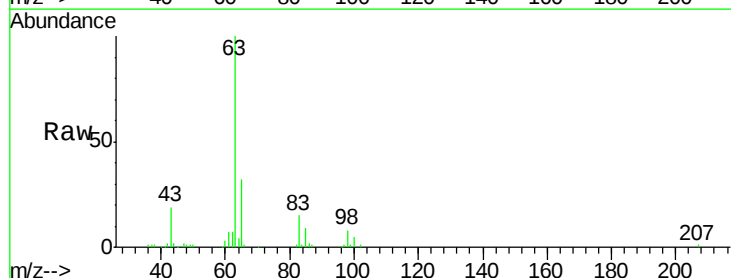
Tgt Ion: 63 Resp: 111956

Ion Ratio Lower Upper

63 100

98 8.4 3.9 11.7

100 4.8 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

40000

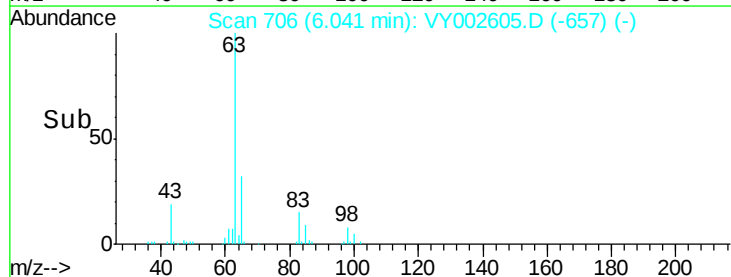
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20





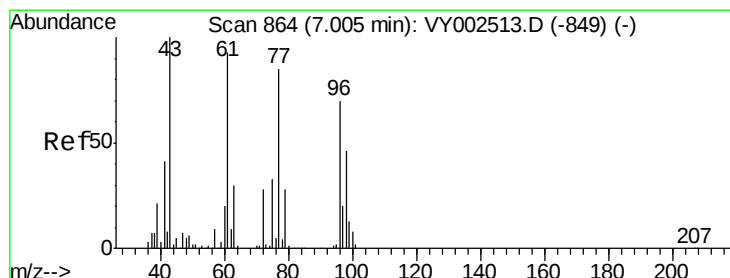
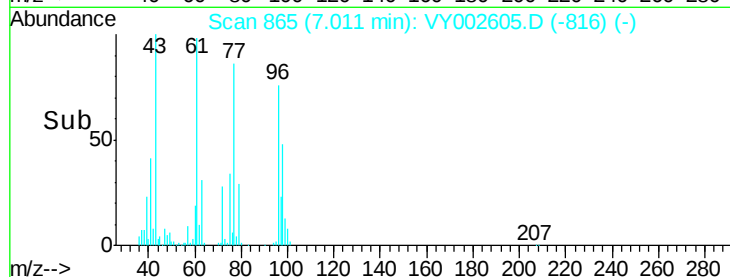
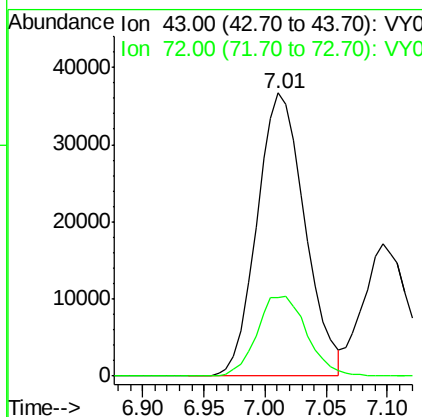
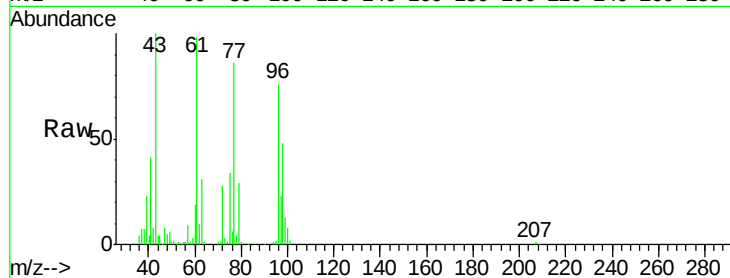
#25
2-Butanone
Concen: 96.057 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampled :
VY0506SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
72	27.9	24.1	36.1

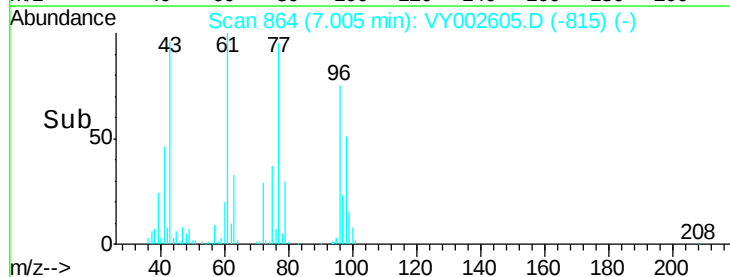
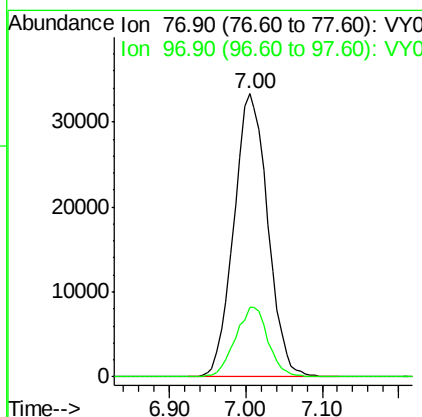
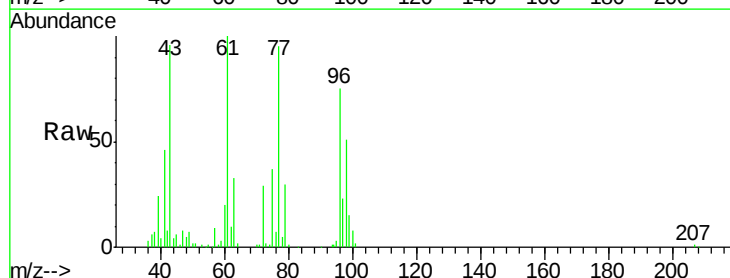
Manual Integrations
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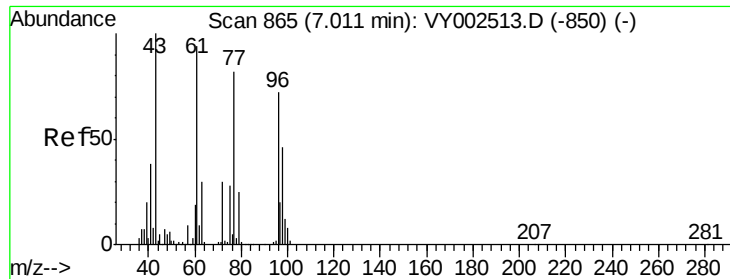
MMDadoda
5/7/2020 10:35:24 AM



#26
2,2-Dichloropropane
Concen: 19.556 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.8	11.9	35.5





#27

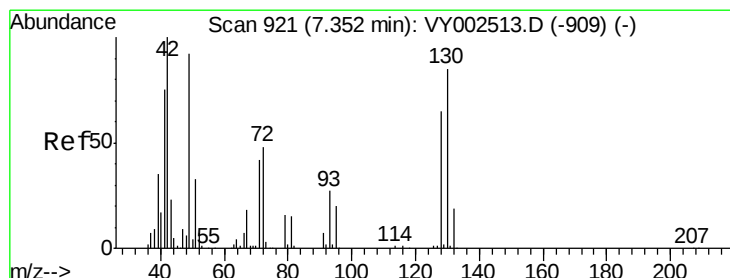
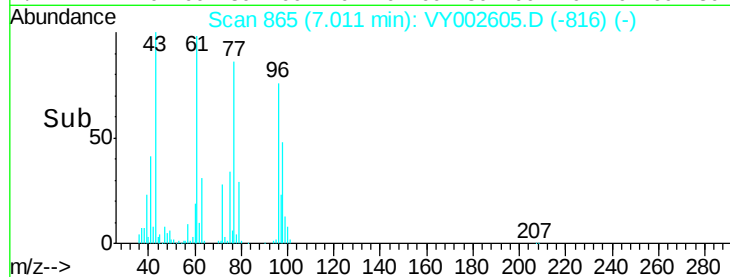
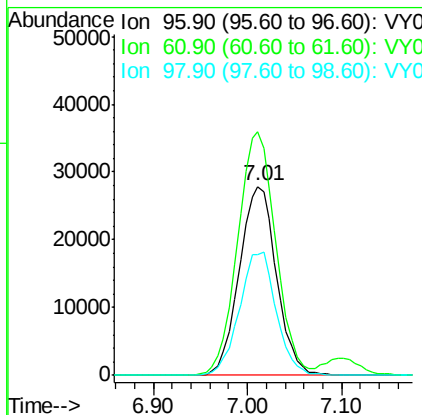
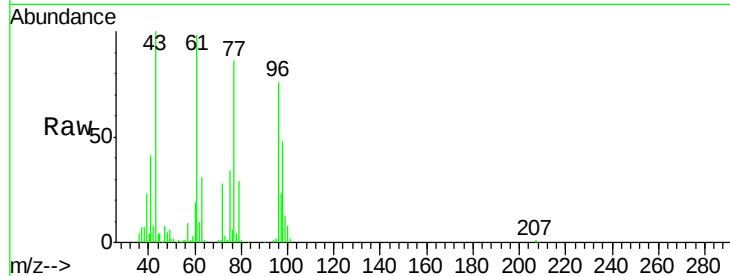
cis-1,2-Dichloroethene
Concen: 20.133 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	131.6	0.0	266.6	
98	64.6	0.0	129.2	

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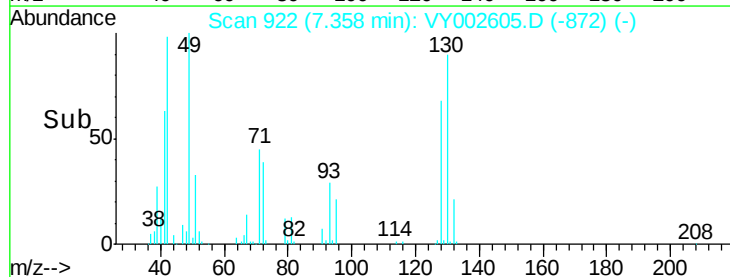
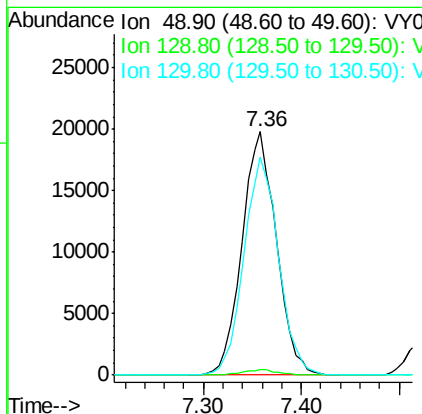
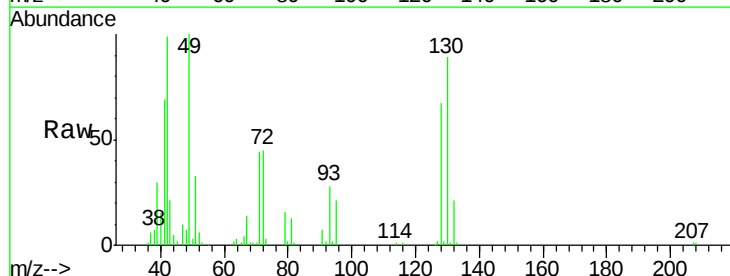
MMDadoda
5/7/2020 10:35:24 AM

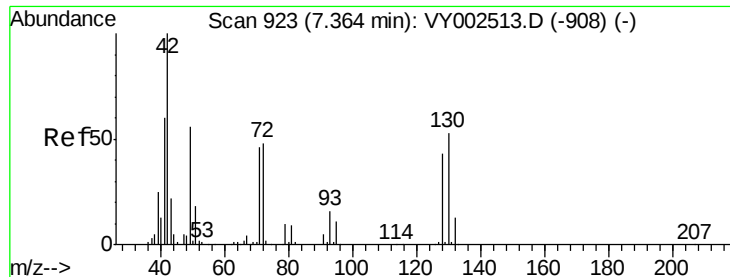


#28

Bromochloromethane
Concen: 21.481 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.8	
130	89.9	72.5	108.7	





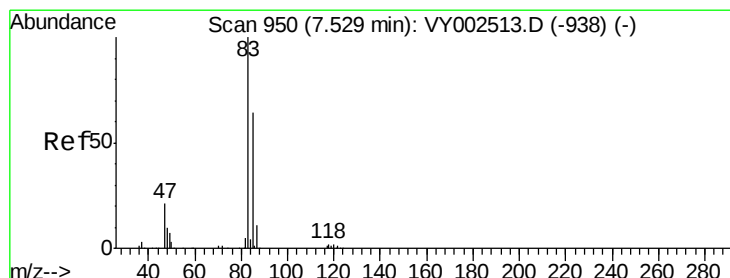
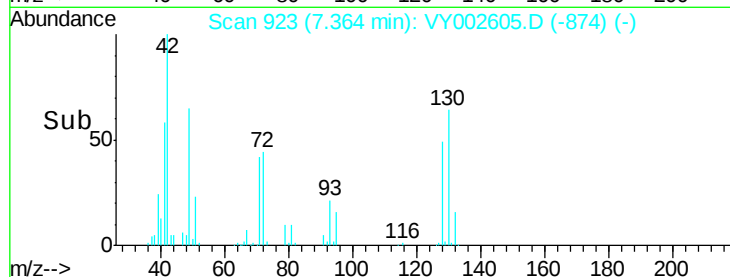
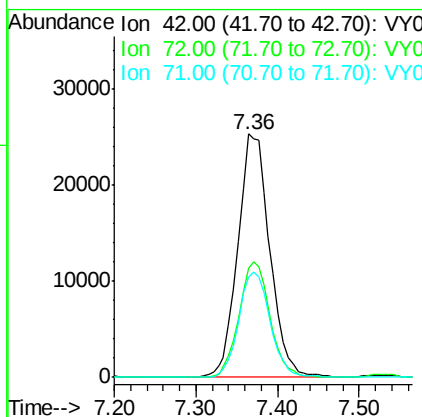
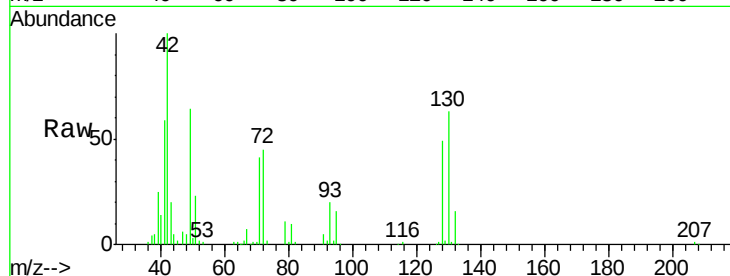
#29
Tetrahydrofuran
Concen: 100.222 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	37.4	56.2
71	42.4	35.0	52.4

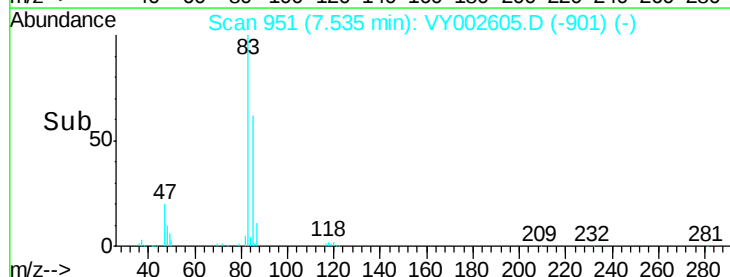
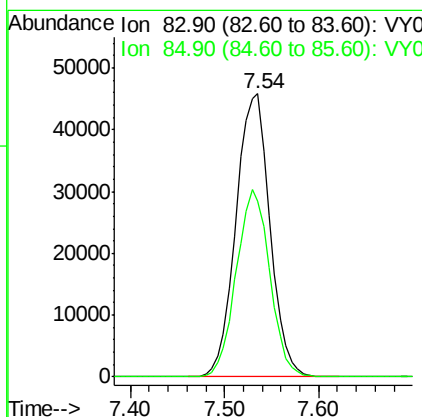
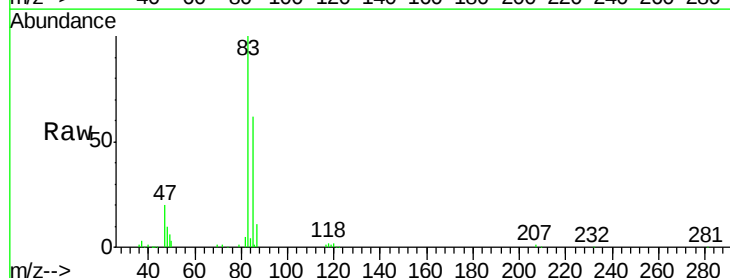
Manual Integrations
APPROVED

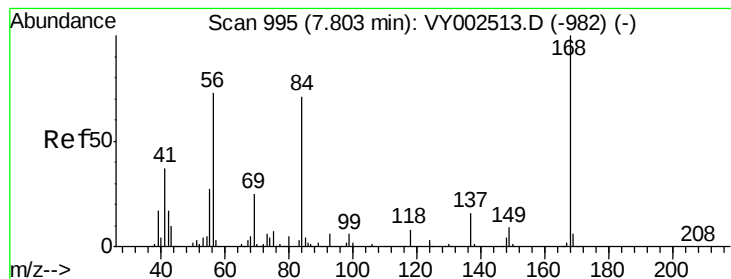
MMDadoda
5/7/2020 10:35:24 AM



#30
Chloroform
Concen: 20.183 ug/l
RT: 7.54 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.5	77.3





#31

Cyclohexane

Concen: 18.874 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

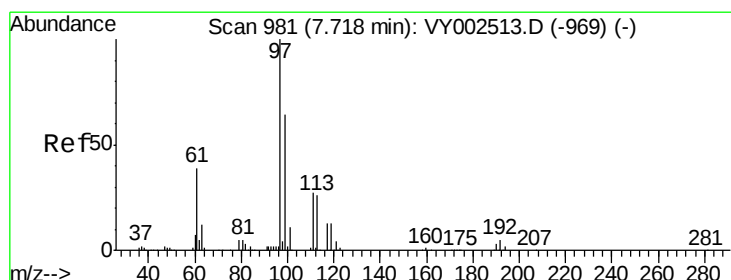
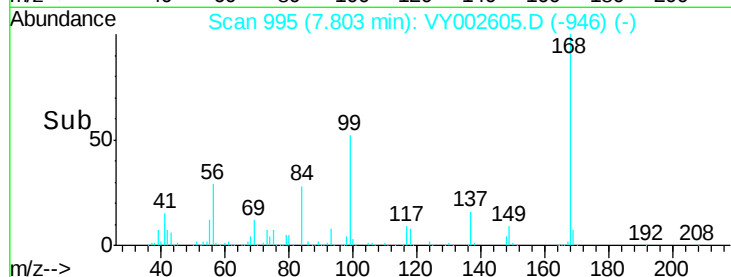
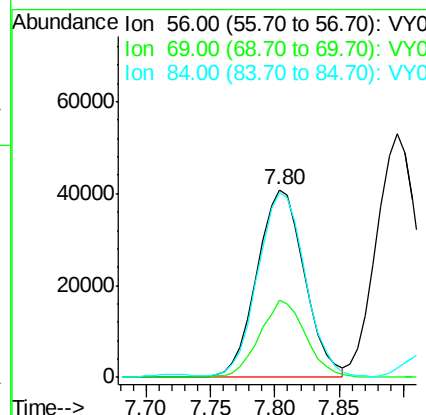
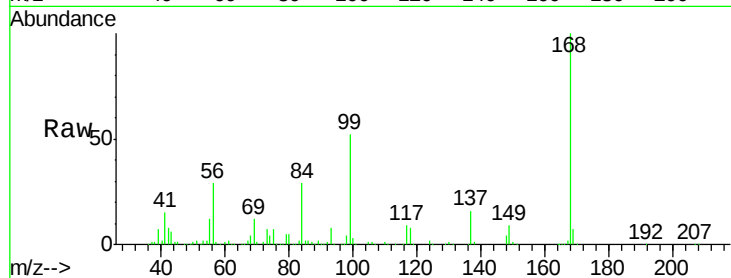
ClientSampleId :

VY0506SBS01

Tot Ion:	56	Resp:	104603
Ion Ratio	Lower	Upper	
56	100		
69	41.3	27.6	41.4
84	97.2	77.7	116.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.826 ug/l

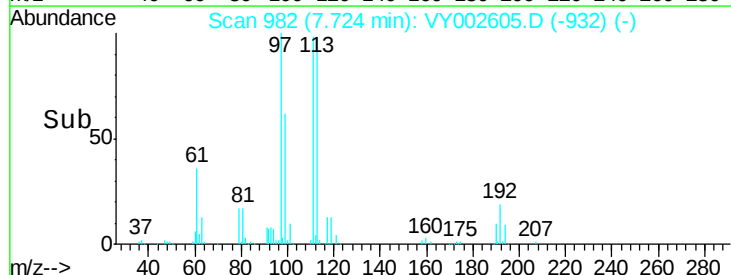
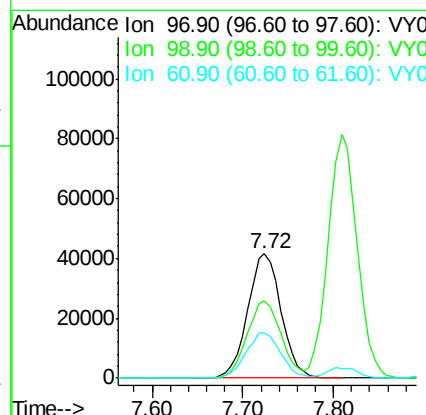
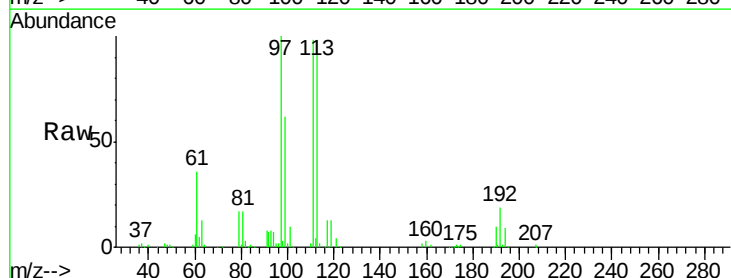
RT: 7.72 min Scan# 982

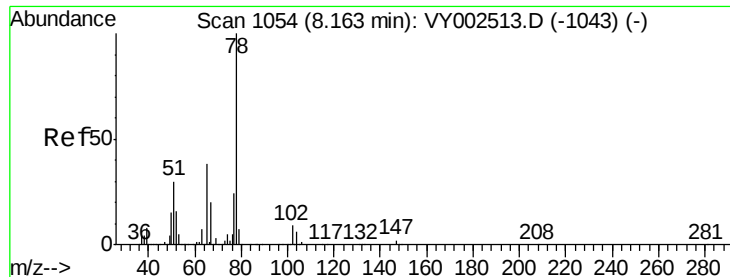
Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Tgt Ion:	97	Resp:	105496
Ion Ratio	Lower	Upper	
97	100		
99	63.5	51.9	77.9
61	37.6	31.0	46.6





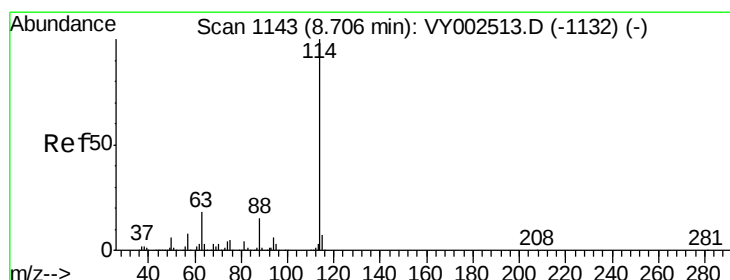
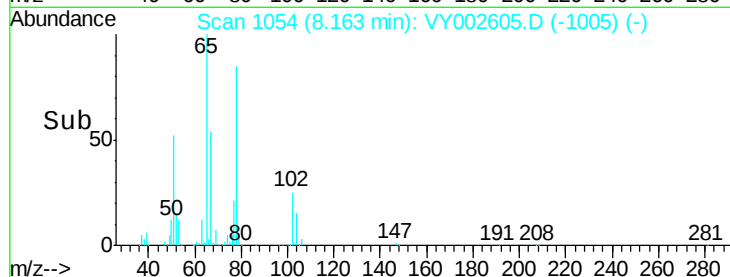
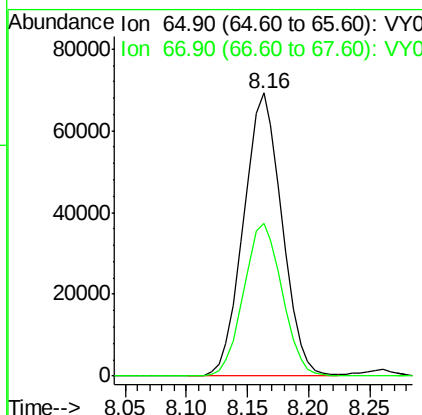
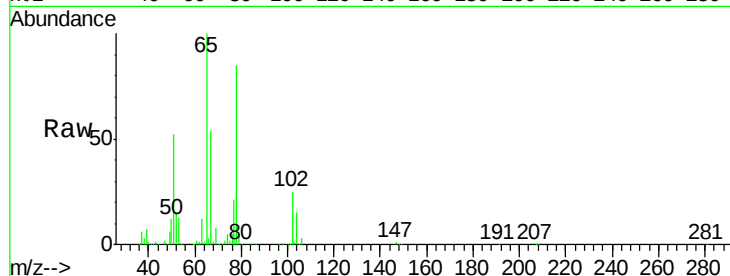
#33
 1,2-Dichloroethane-d4
 Concen: 49.055 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.1	0.0	107.2	

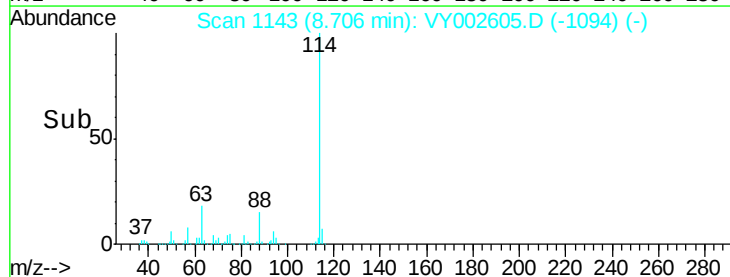
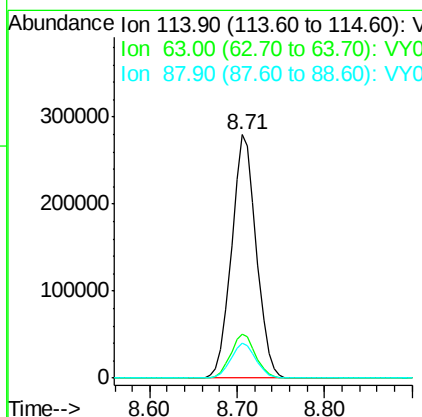
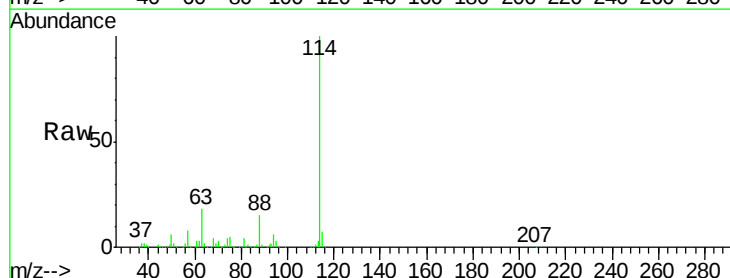
Manual Integrations
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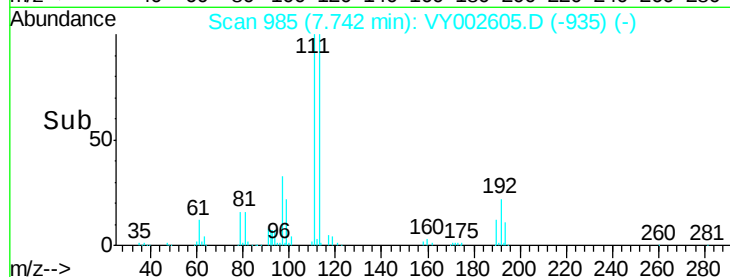
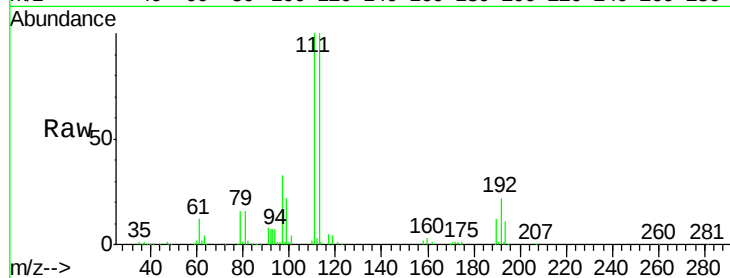
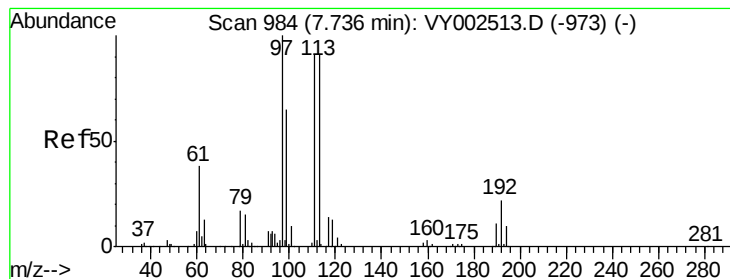
MMDadoda
 5/7/2020 10:35:24 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.0	0.0	36.4	
88	14.5	0.0	29.6	





#35

Dibromofluoromethane

Concen: 51.840 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Tot Ion:	113	Resp:	162275
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.8	122.6
192	22.5	18.2	27.4

Instrument :

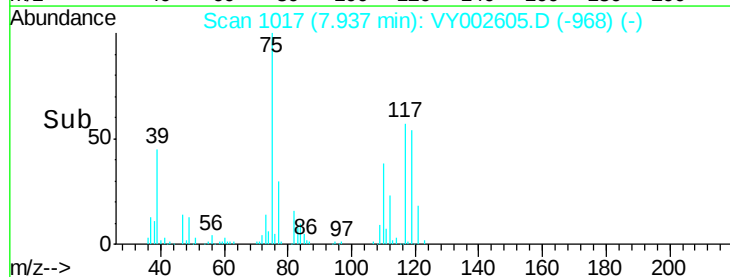
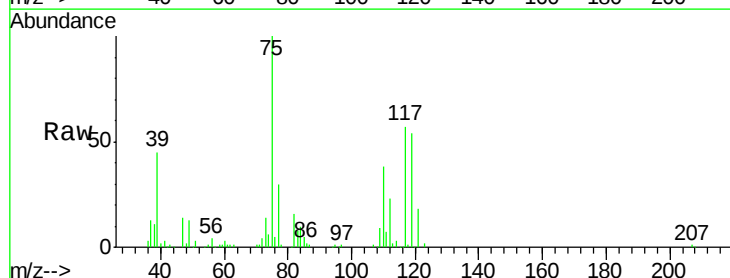
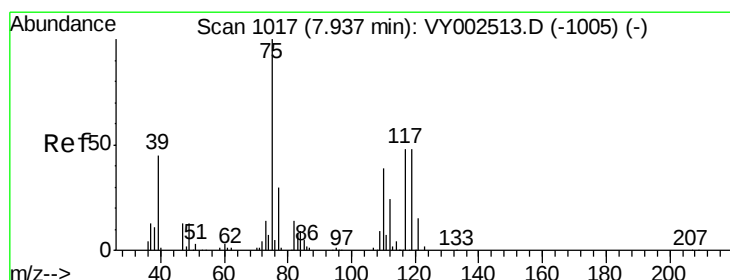
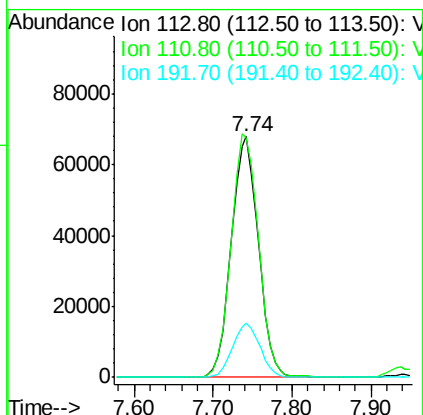
MSVOA_Y

ClientSampleId :

VY0506SBS01

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#36

1,1-Dichloropropene

Concen: 19.674 ug/l

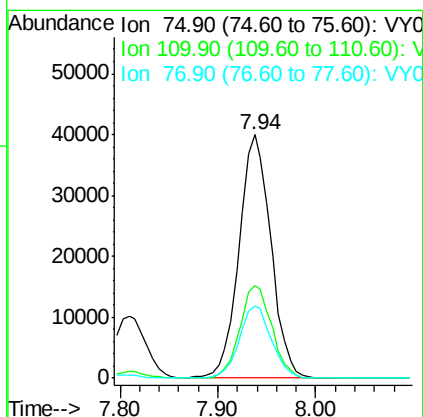
RT: 7.94 min Scan# 1017

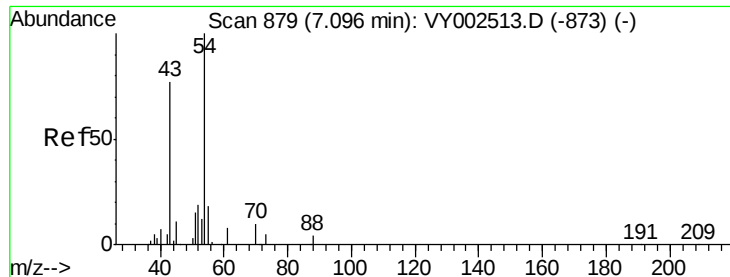
Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Tgt Ion:	75	Resp:	90272
Ion Ratio	Lower	Upper	
75	100		
110	38.0	19.1	57.3
77	30.1	24.6	37.0





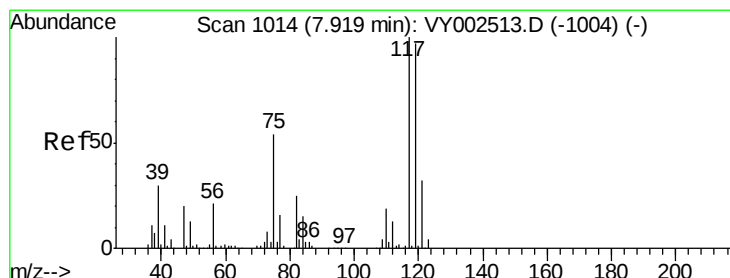
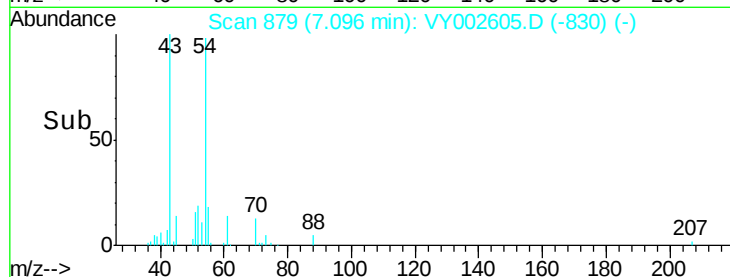
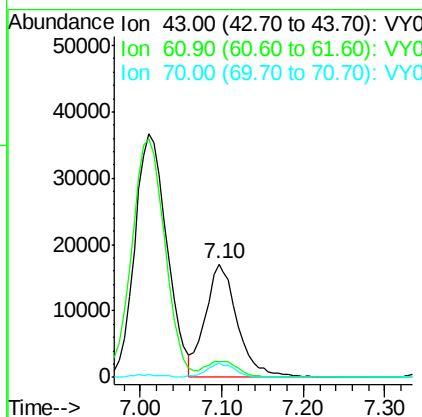
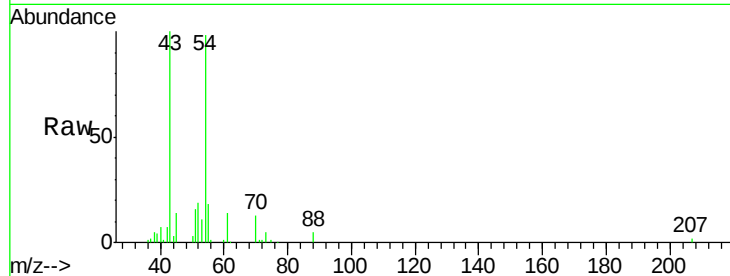
#37
Ethyl Acetate
Concen: 19.839 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.6	17.4
70	11.1	9.0	13.6

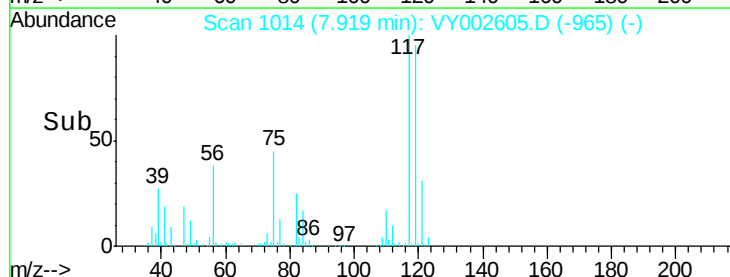
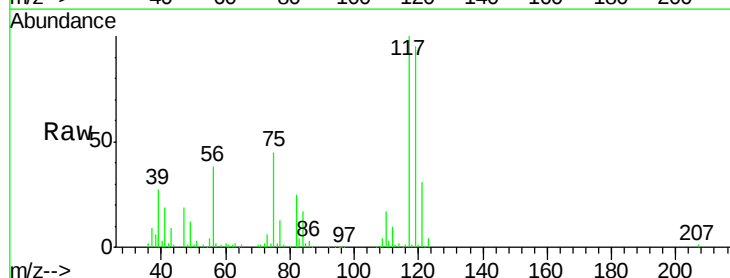
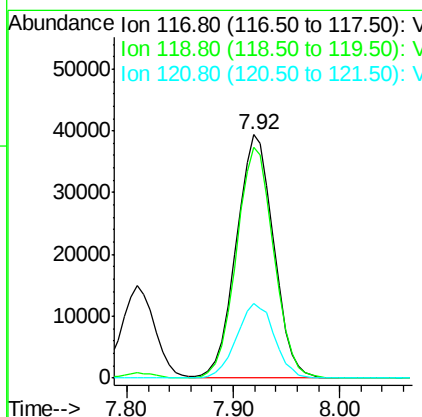
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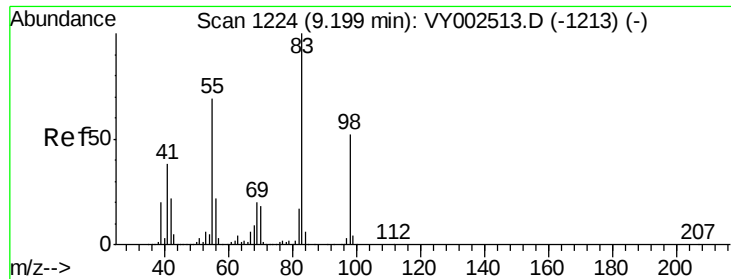
MMDadoda
5/7/2020 10:35:24 AM



#38
Carbon Tetrachloride
Concen: 19.400 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.1	115.7
121	30.9	25.2	37.8





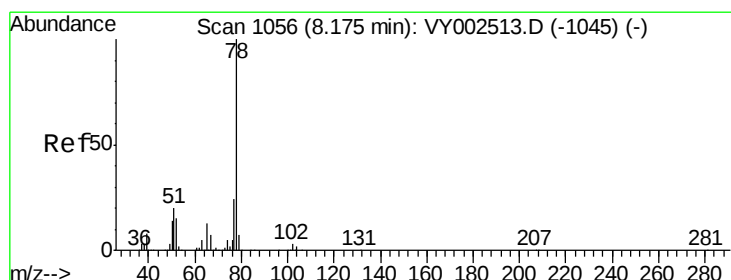
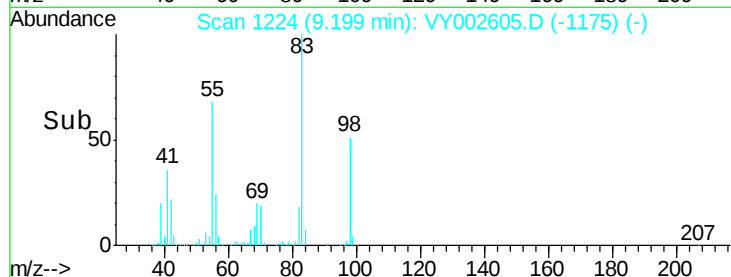
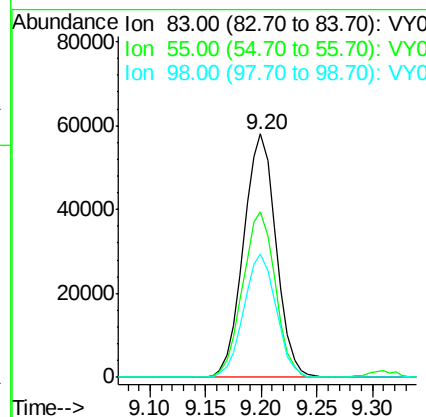
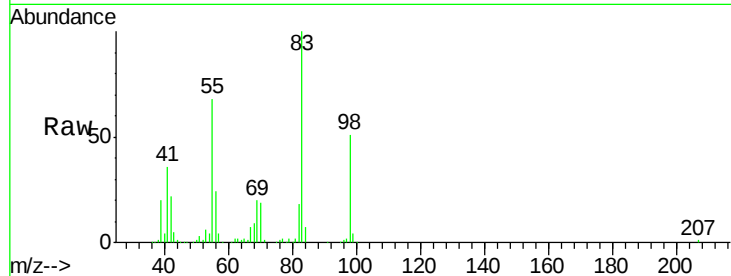
#39
Methvlcvclohexane
Concen: 19.386 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	117487		
55	67.8		55.4	83.0
98	50.6		41.3	61.9

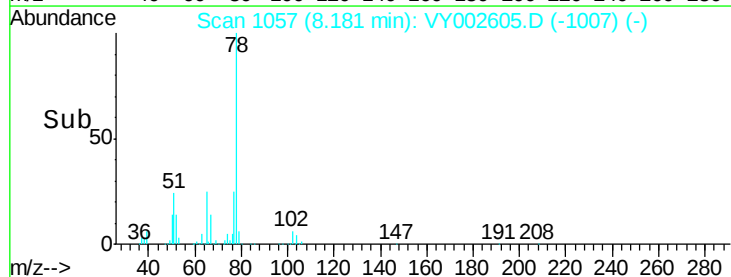
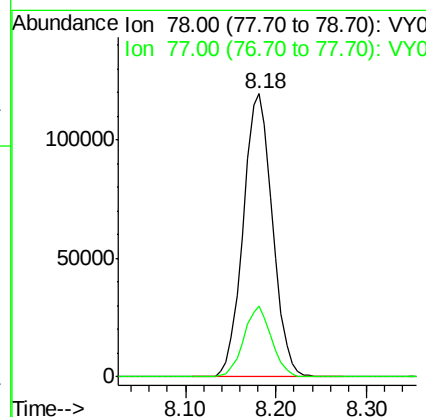
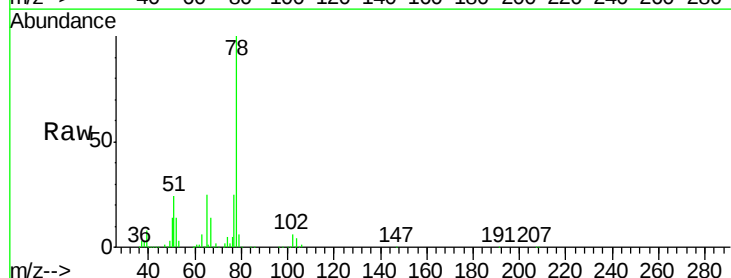
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#40
Benzene
Concen: 20.043 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	265614		
77	24.9		19.2	28.8





#41

Methacrylonitrile

Concen: 19.883 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. -0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion: 41 Resp: 25207

Ion Ratio Lower Upper

41 100

39 0.0 83.1 124.7#

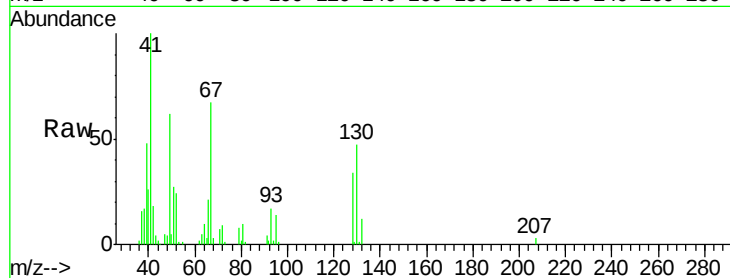
67 0.0 0.0 0.0

52 0.0 0.0 0.0

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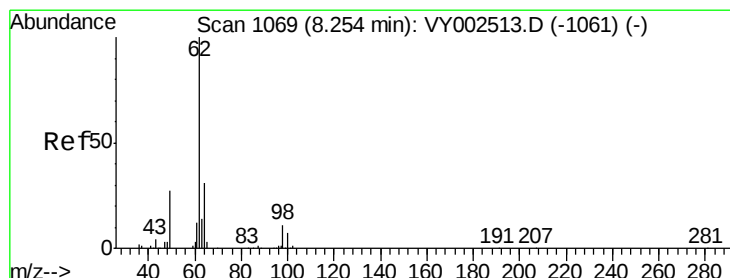
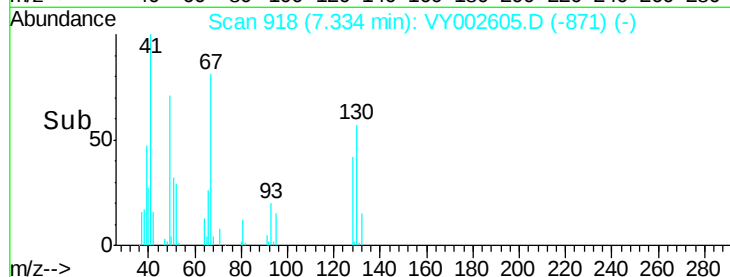
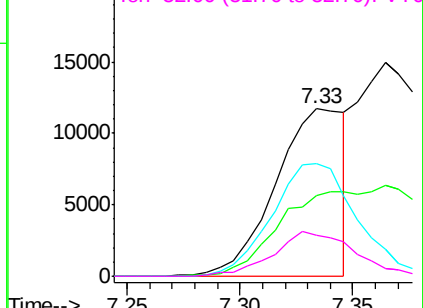


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 19.230 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VY002605.D

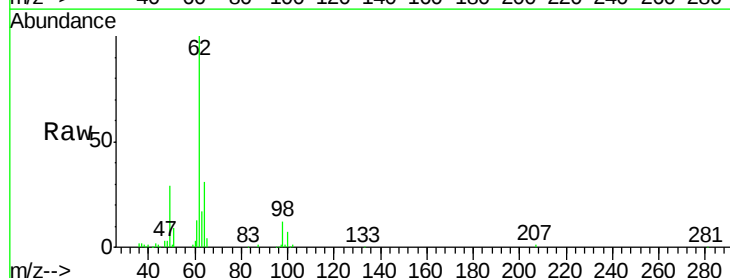
Acq: 06 May 2020 11:21

Tgt Ion: 62 Resp: 71485

Ion Ratio Lower Upper

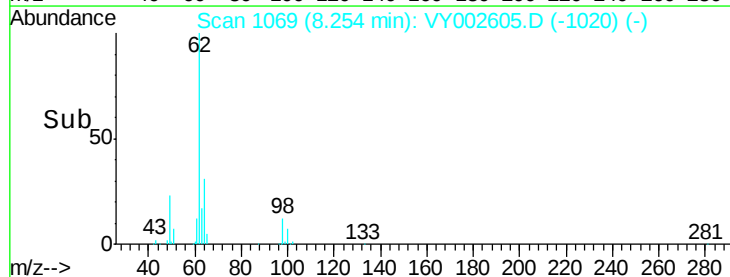
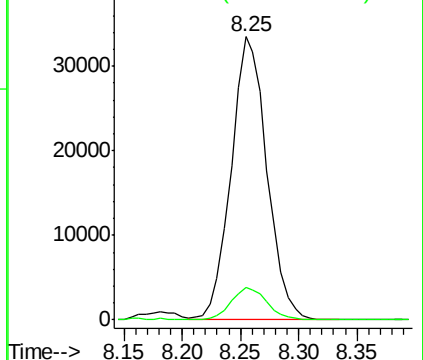
62 100

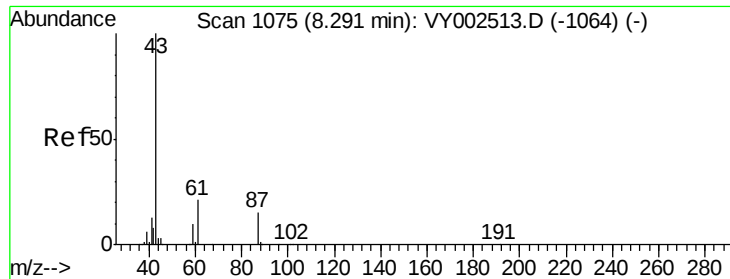
98 11.4 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





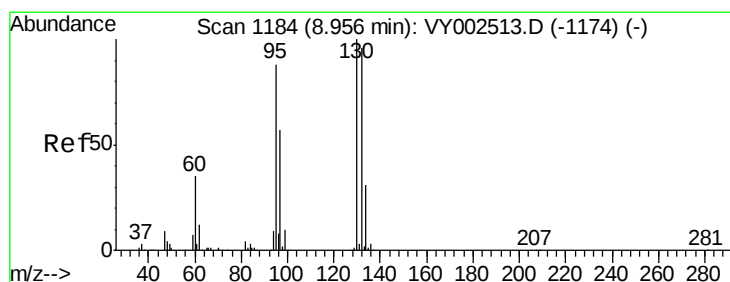
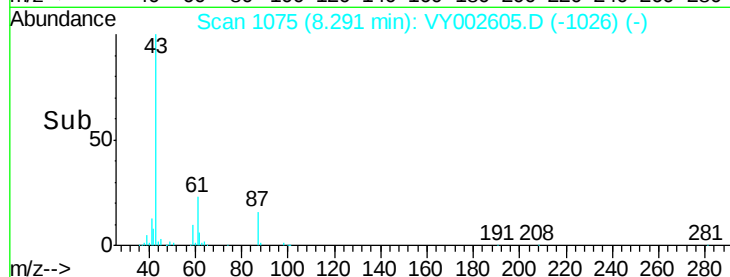
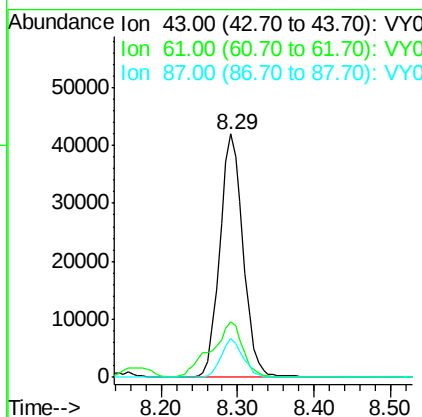
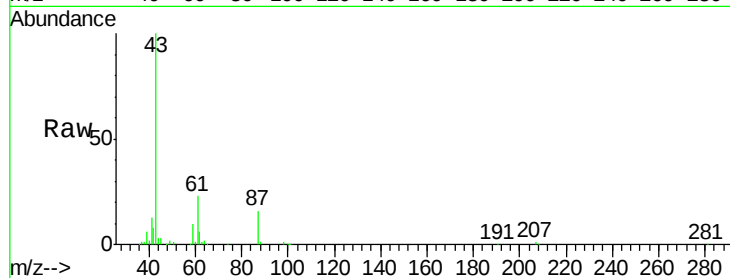
#43
Isopropyl Acetate
Concen: 19.971 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.0	24.8	37.2
87	15.1	12.2	18.2

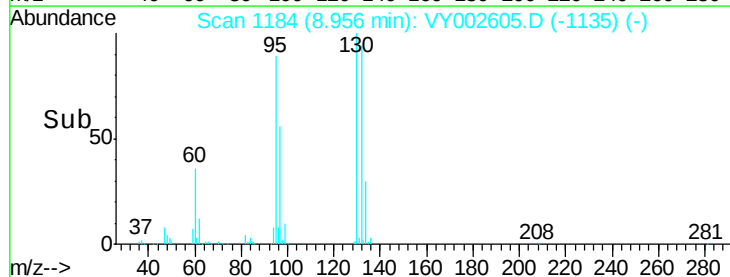
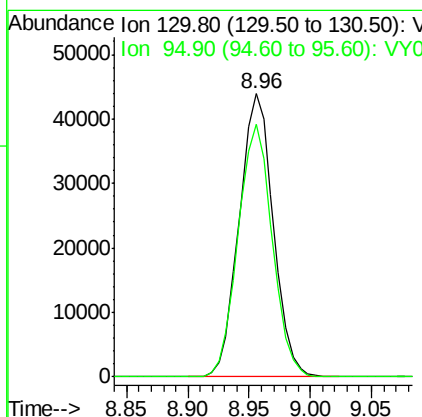
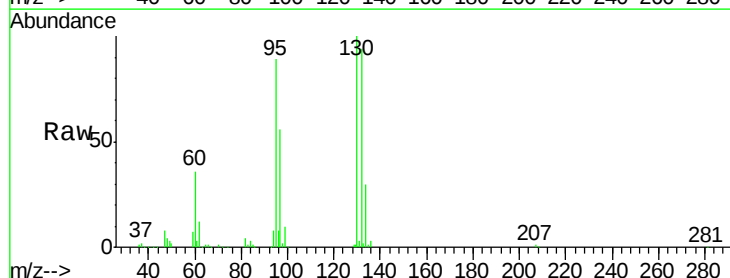
Manual Integrations
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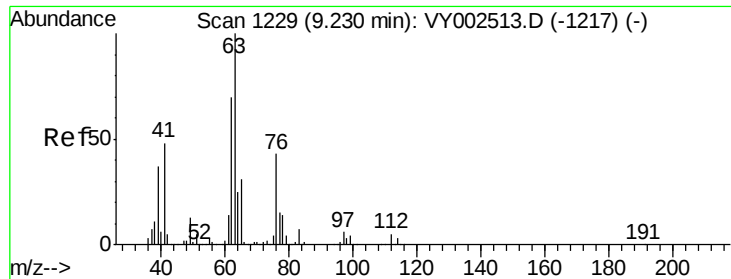
MMDadoda
5/7/2020 10:35:24 AM



#44
Trichloroethene
Concen: 20.515 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.4	0.0	175.8





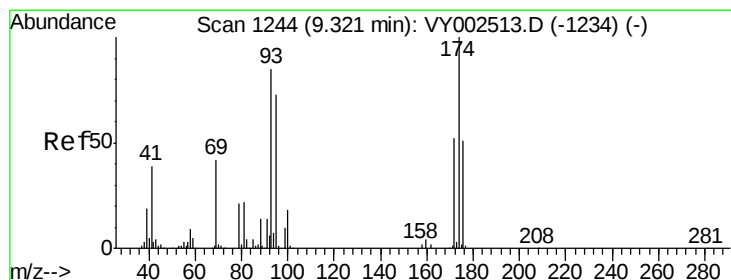
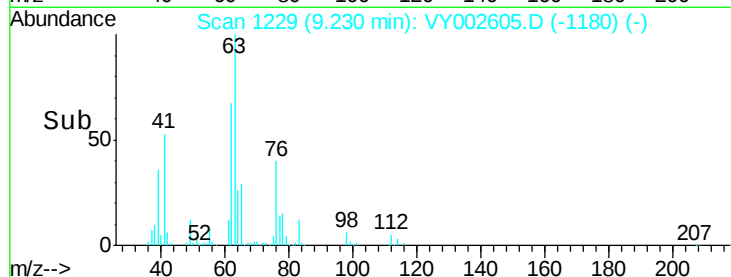
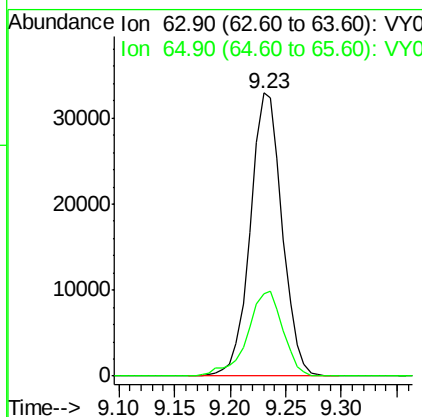
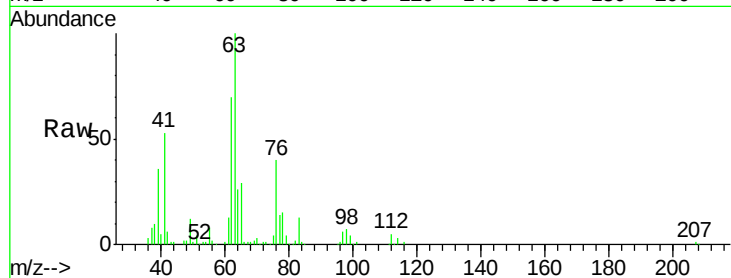
#45
 1,2-Dichloropropane
 Concen: 20.524 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.1	24.5	36.7

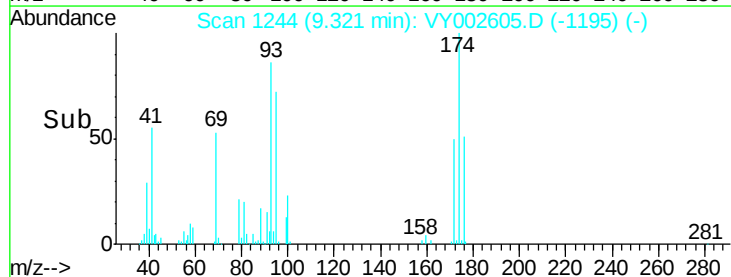
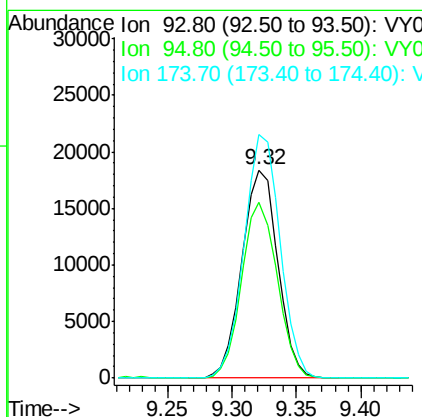
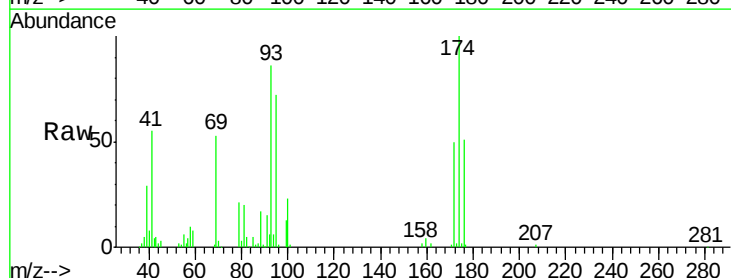
Manual Integrations
 APPROVED

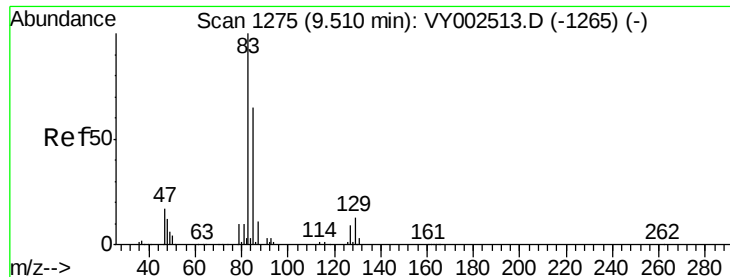
MMDadoda
 5/7/2020 10:35:24 AM



#46
 Dibromomethane
 Concen: 19.354 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.0	100.4
174	116.8	92.7	139.1





#47

Bromodichloromethane

Concen: 19.942 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

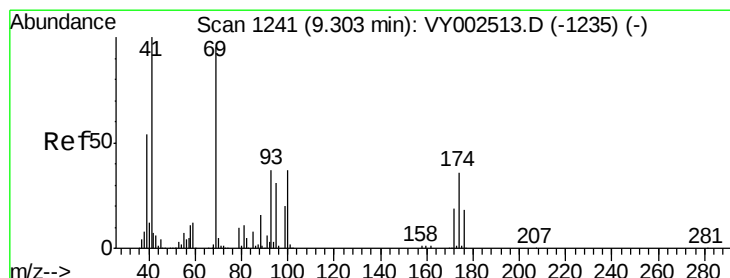
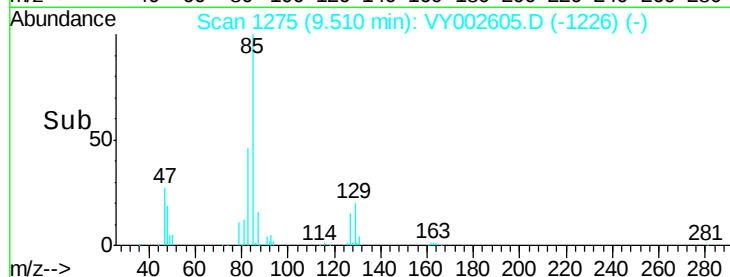
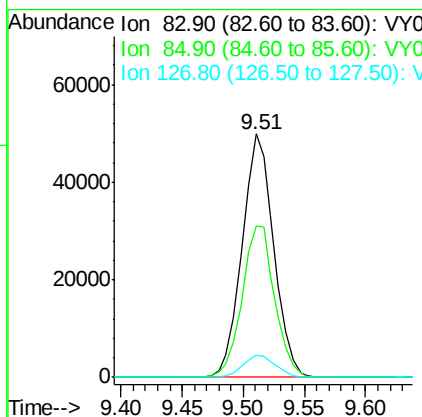
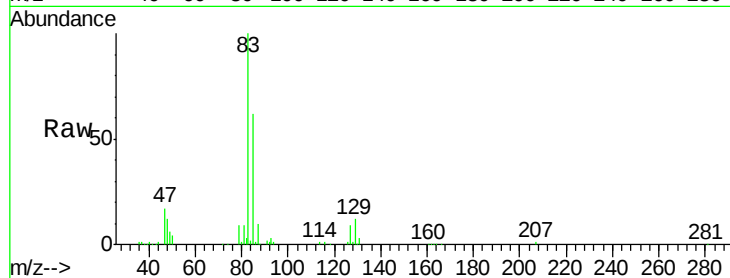
ClientSampleId :

VY0506SBS01

Tot Ion:	83	Resp:	89233
Ion Ratio	Lower	Upper	
83	100		
85	62.0	51.8	77.8
127	9.2	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.463 ug/l

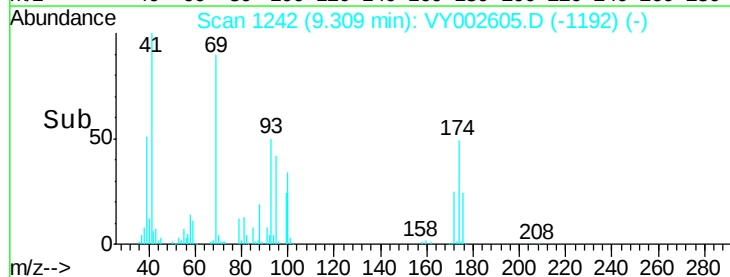
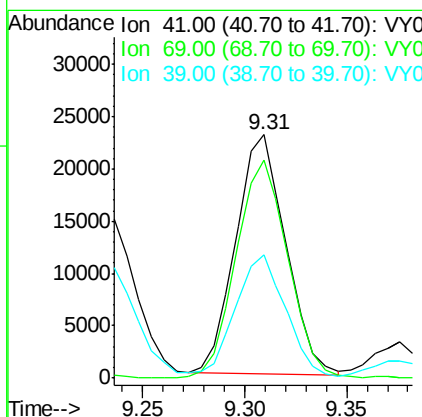
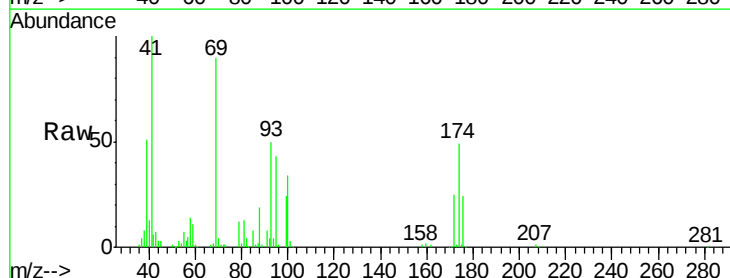
RT: 9.31 min Scan# 1242

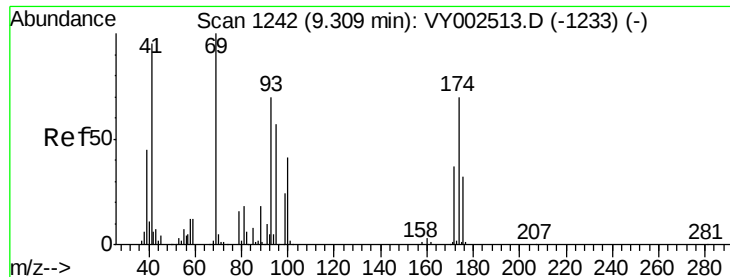
Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Tgt Ion:	41	Resp:	38936
Ion Ratio	Lower	Upper	
41	100		
69	94.9	76.2	114.4
39	52.6	42.7	64.1





#49

1,4-Dioxane

Concen: 423.139 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

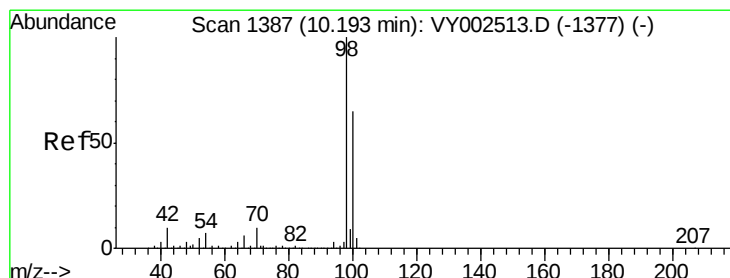
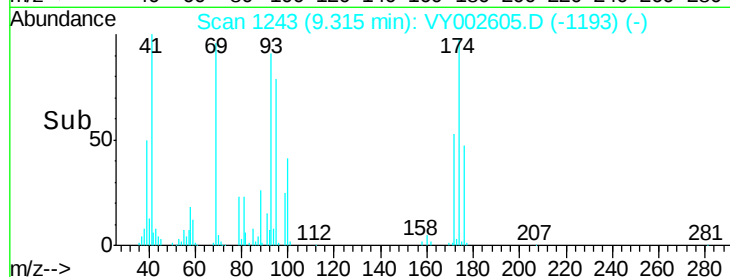
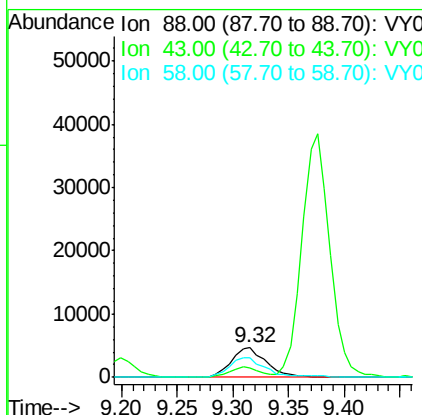
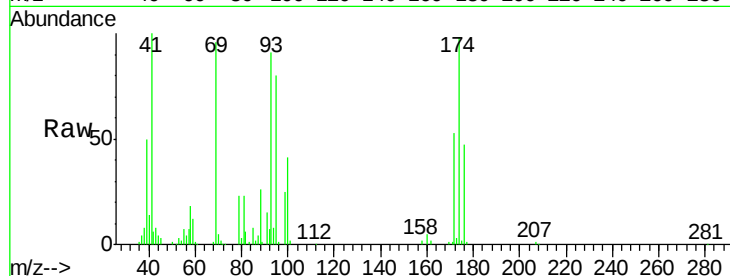
ClientSampleId :

VY0506SBS01

Tot Ion:	88	Resp:	10310
Ion	Ratio	Lower	Upper
88	100		
43	28.4	22.8	34.2
58	68.9	51.4	77.2

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#50

Toluene-d8

Concen: 51.822 ug/l

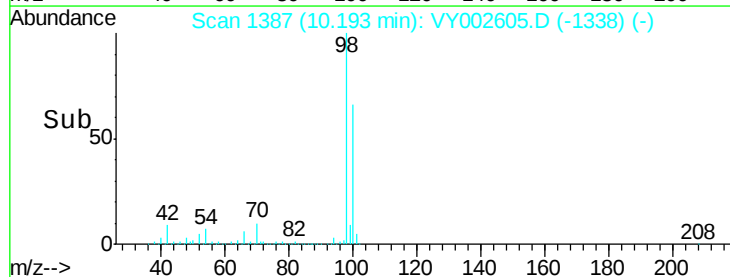
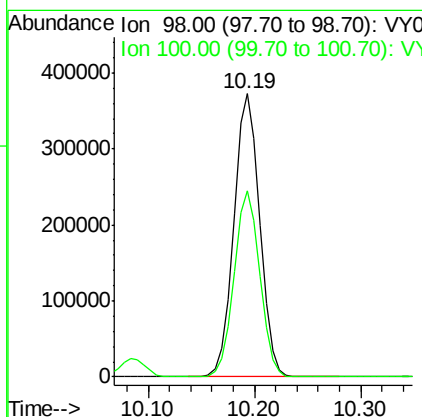
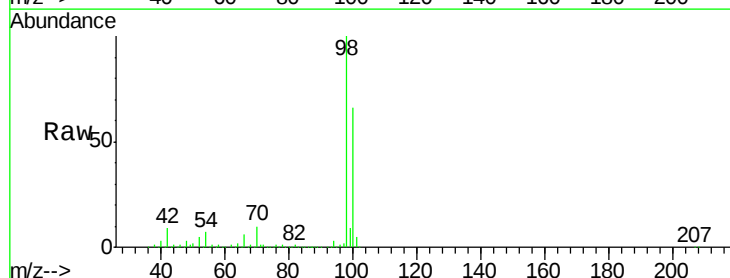
RT: 10.19 min Scan# 1387

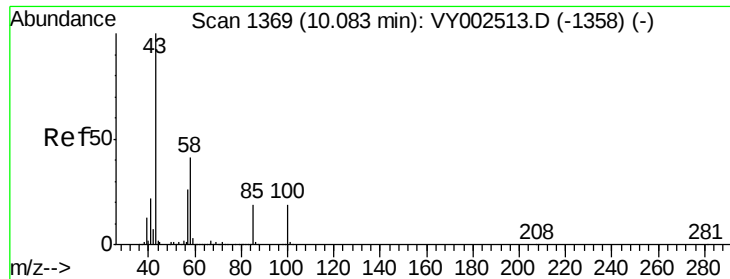
Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Tgt Ion:	98	Resp:	633484
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2





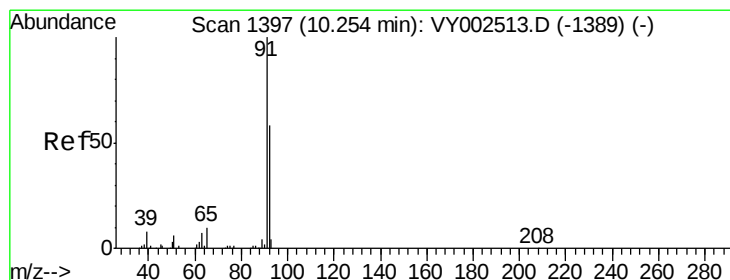
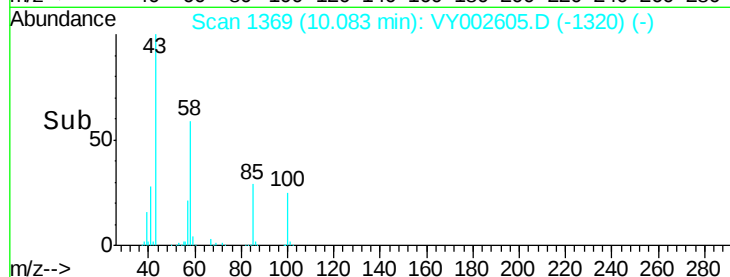
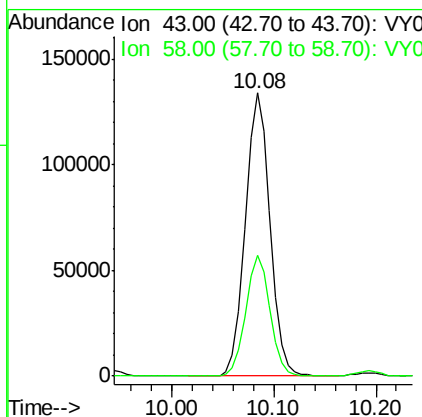
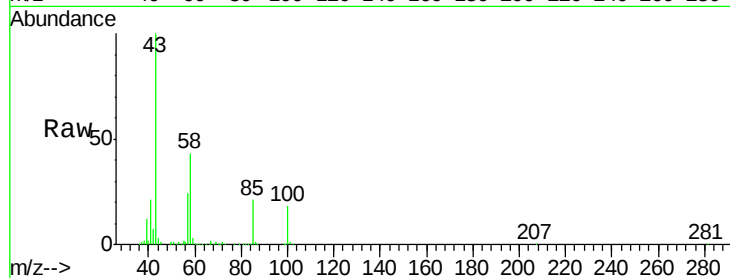
#51
4-Methyl-2-Pentanone
Concen: 98.869 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.9	33.2	49.8

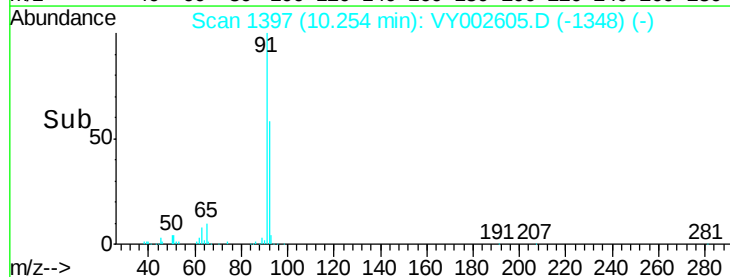
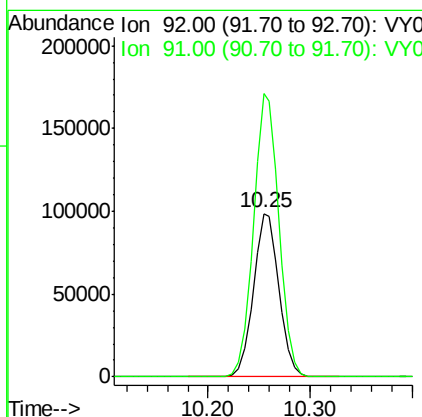
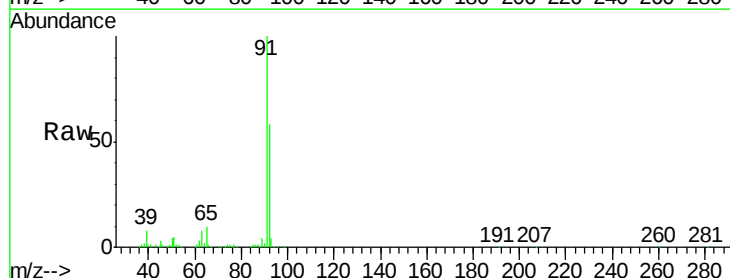
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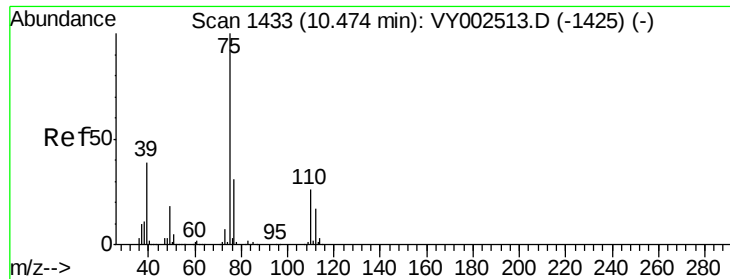
MMDadoda
5/7/2020 10:35:24 AM



#52
Toluene
Concen: 20.157 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.6	139.3	208.9





#53

t-1,3-Dichloropropene

Concen: 19.512 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion: 75 Resp: 91480

Ion Ratio Lower Upper

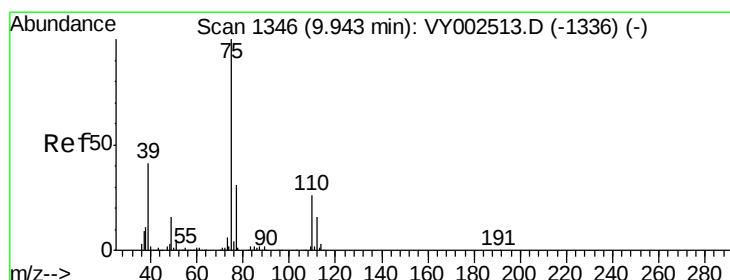
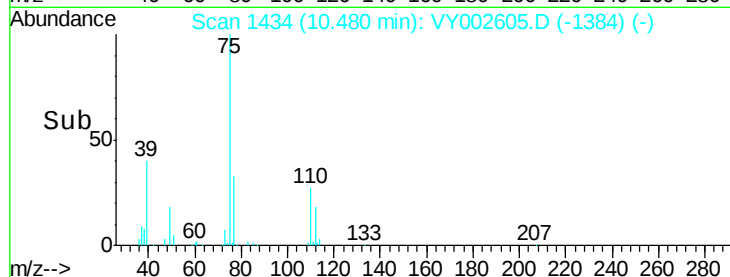
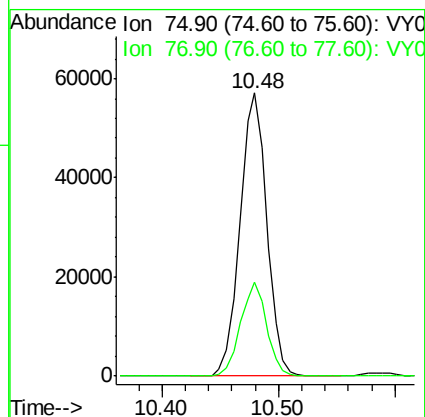
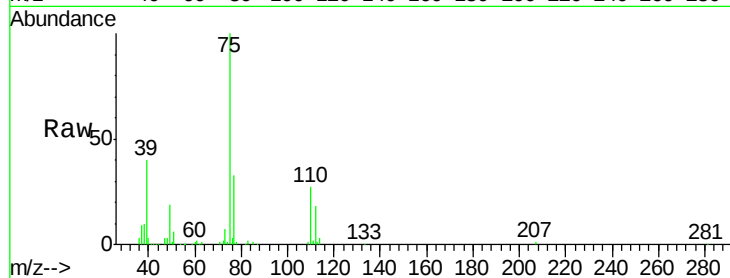
75 100

77 33.1 25.0 37.6

Manual Integrations
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MMDadoda

5/7/2020 10:35:24 AM



#54

cis-1,3-Dichloropropene

Concen: 19.775 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

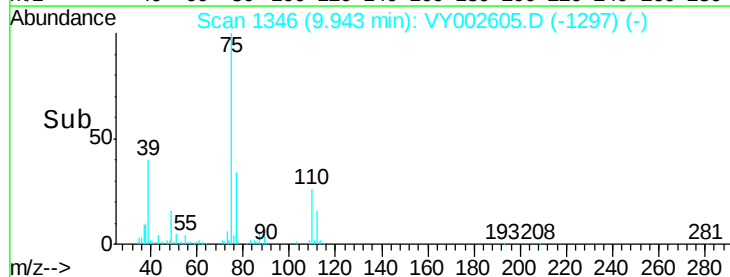
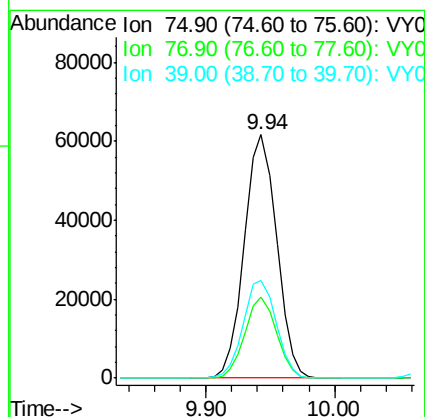
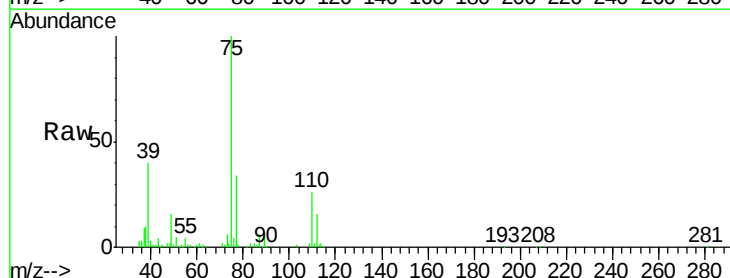
Tgt Ion: 75 Resp: 107181

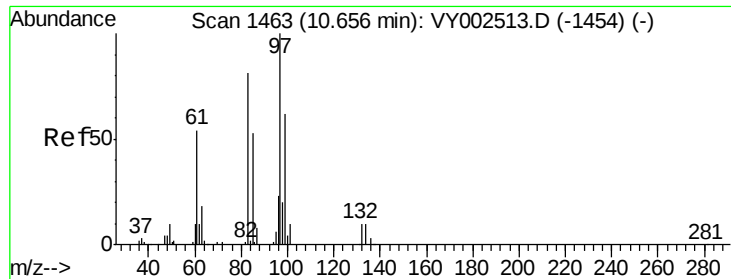
Ion Ratio Lower Upper

75 100

77 33.5 25.1 37.7

39 40.0 32.7 49.1





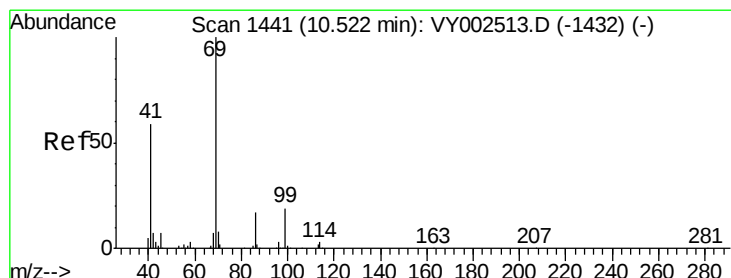
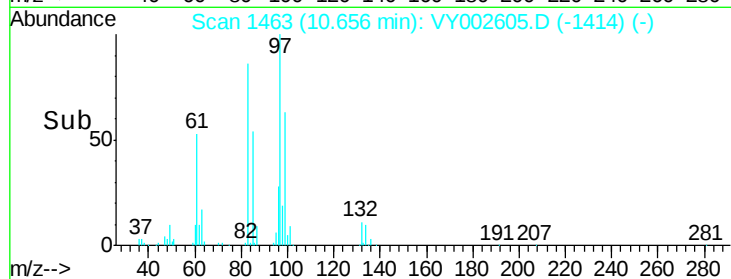
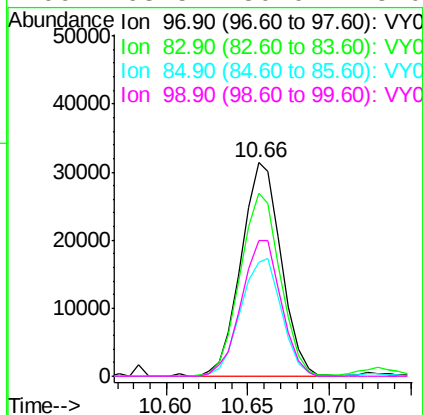
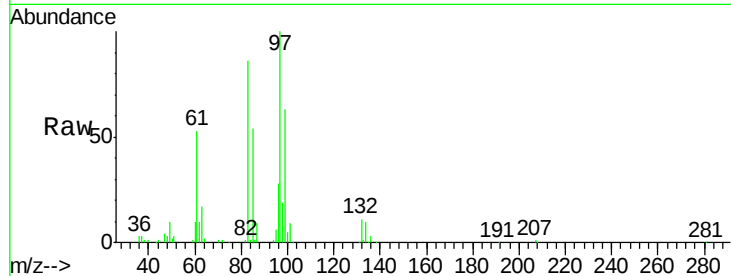
#55
 1,1,2-Trichloroethane
 Concen: 19.949 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.4	65.1	97.7
85	53.5	42.7	64.1
99	63.5	50.0	75.0

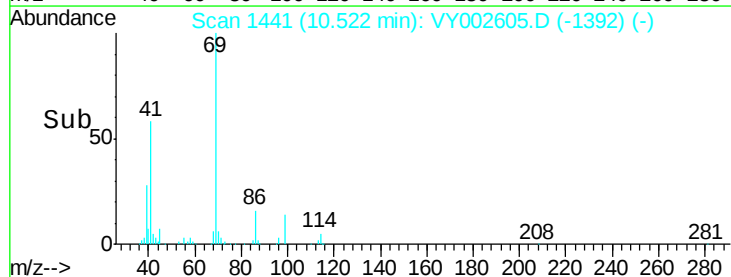
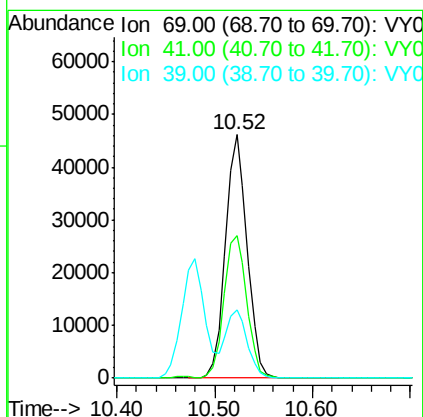
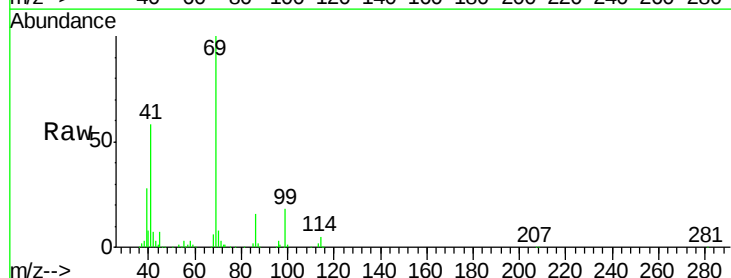
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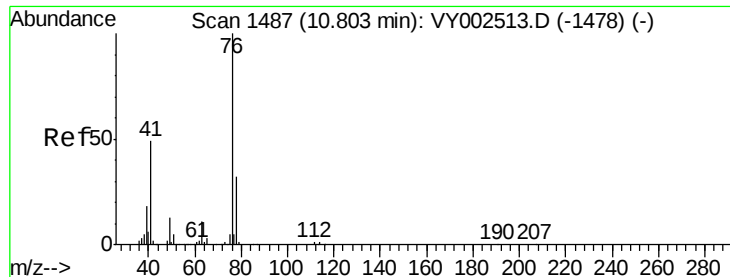
MMDadoda
 5/7/2020 10:35:24 AM



#56
 Ethyl methacrylate
 Concen: 19.894 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.5	48.6	73.0
39	26.9	25.0	37.4





#57

1,3-Dichloropropane

Concen: 20.011 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBSD01

Tot Ion: 76 Resp: 91069

Ion Ratio Lower Upper

76 100

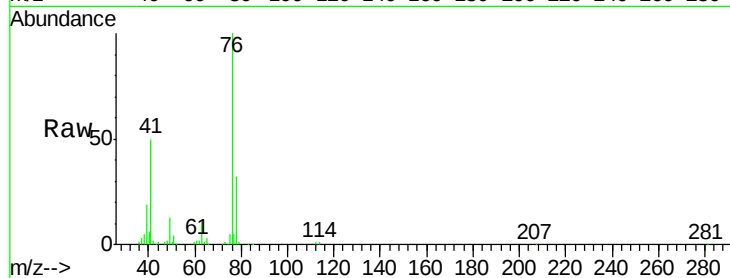
78 32.4 25.4 38.2

Manual Integrations

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MMDadoda

5/7/2020 10:35:24 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

60000

50000

40000

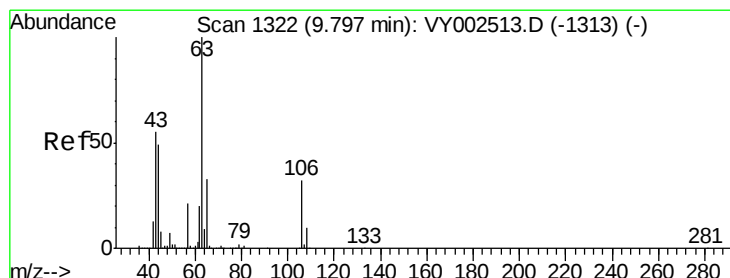
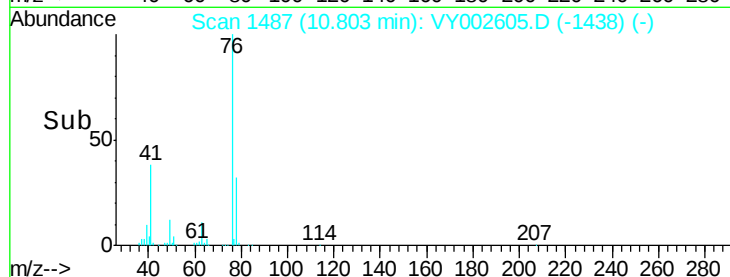
30000

20000

10000

0

Time--> 10.70 10.80 10.90



#58

2-Chloroethyl Vinyl ether

Concen: 105.620 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY002605.D

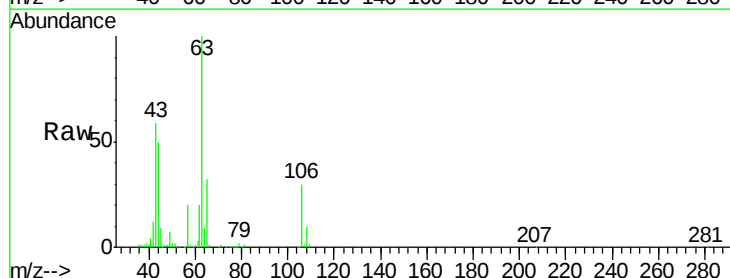
Acq: 06 May 2020 11:21

Tgt Ion: 63 Resp: 198846

Ion Ratio Lower Upper

63 100

106 31.0 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

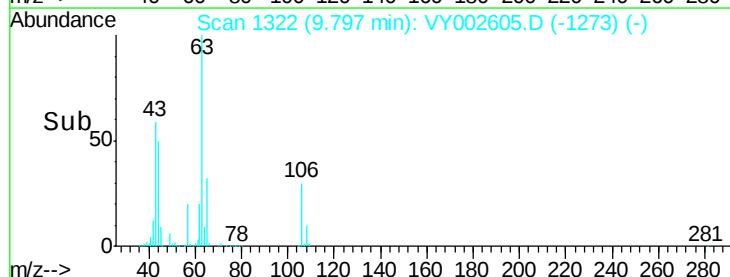
Ion 105.90 (105.60 to 106.60): V

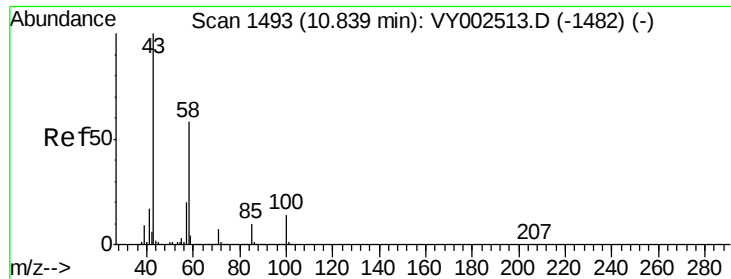
100000

50000

0

Time--> 9.70 9.80 9.90





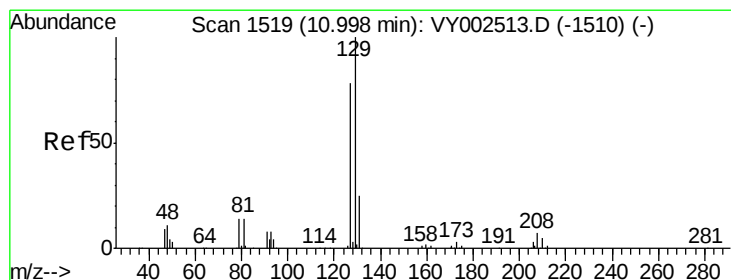
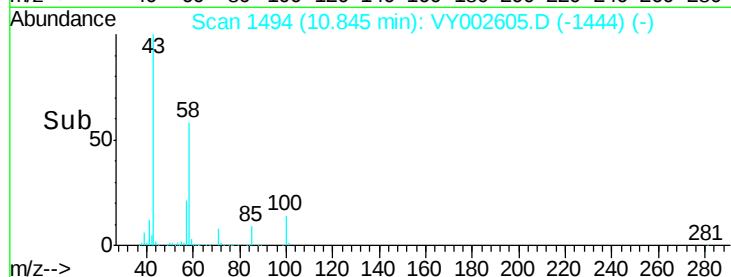
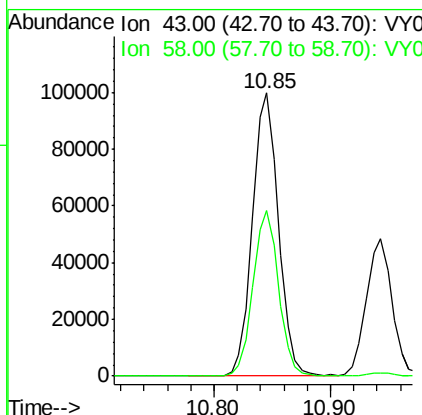
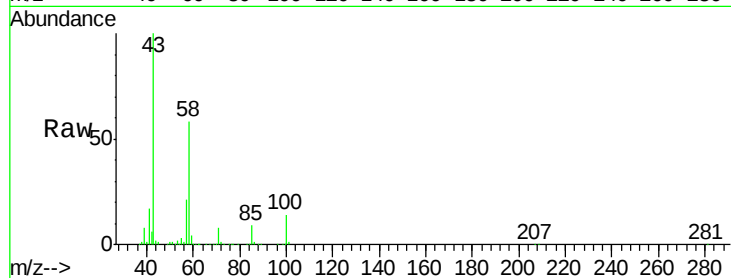
#59
2-Hexanone
Concen: 99.511 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion: 43 Resp: 156052
Ion Ratio Lower Upper
43 100
58 57.7 29.1 87.3

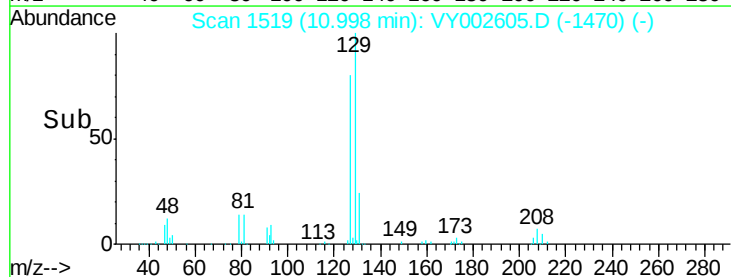
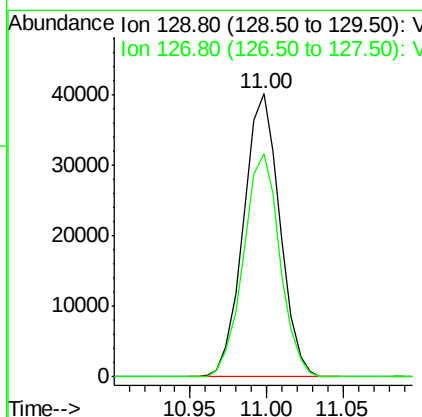
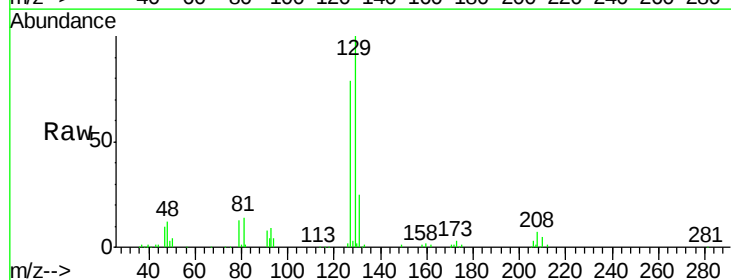
Manual Integrations
APPROVED

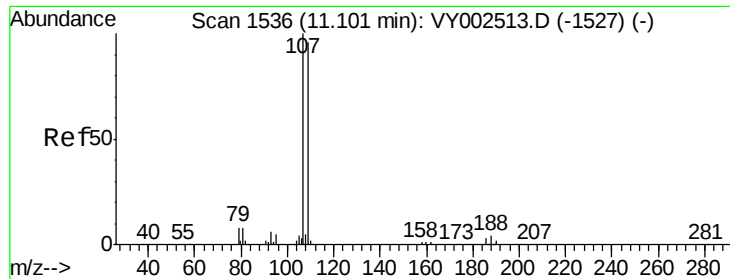
MMDadoda
5/7/2020 10:35:24 AM



#60
Dibromochloromethane
Concen: 19.475 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion: 129 Resp: 66471
Ion Ratio Lower Upper
129 100
127 78.9 39.0 117.0





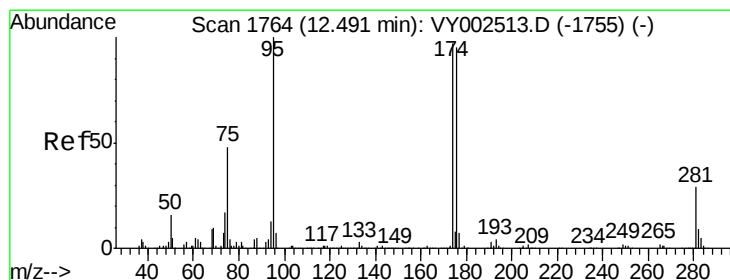
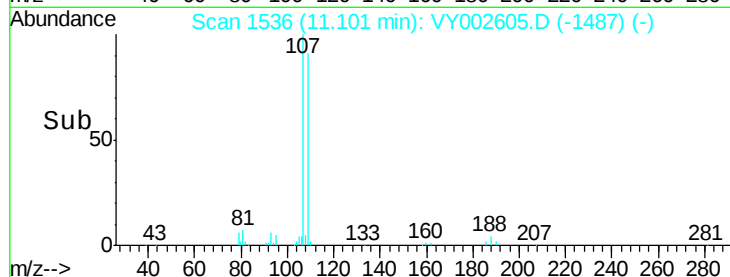
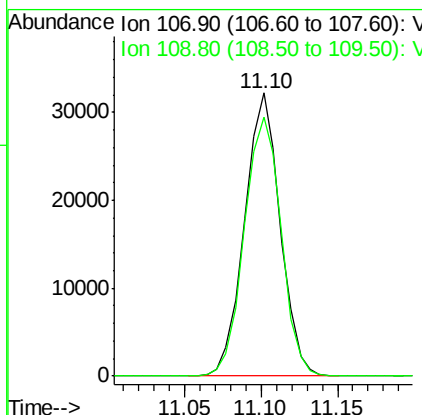
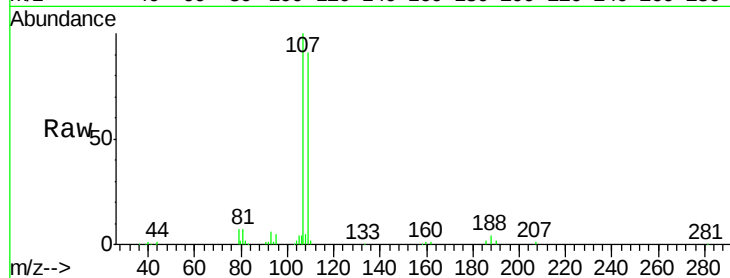
#61
 1,2-Dibromoethane
 Concen: 19.593 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampled :
 VY0506SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.8	113.8

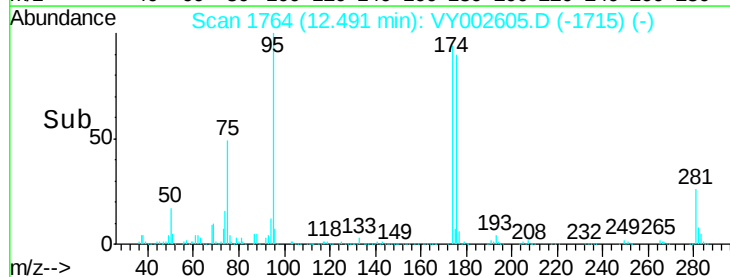
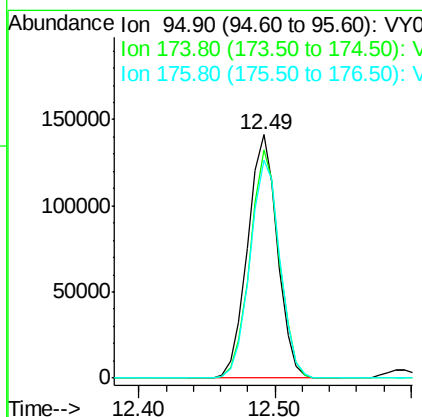
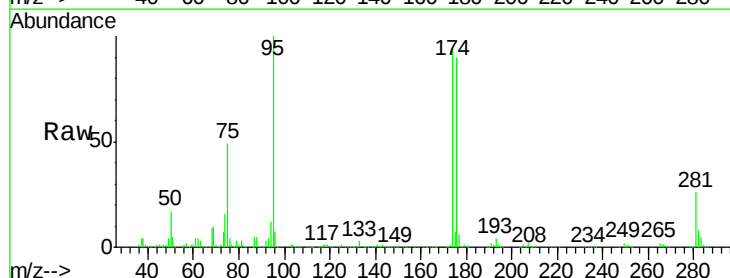
Manual Integrations
 APPROVED

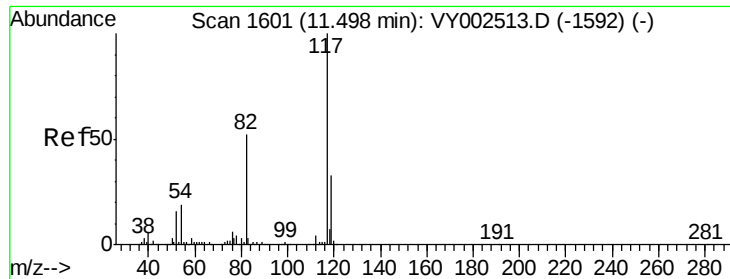
MMDadoda
 5/7/2020 10:35:24 AM



#62
 4-Bromofluorobenzene
 Concen: 52.237 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	188.8
176	90.2	0.0	183.2





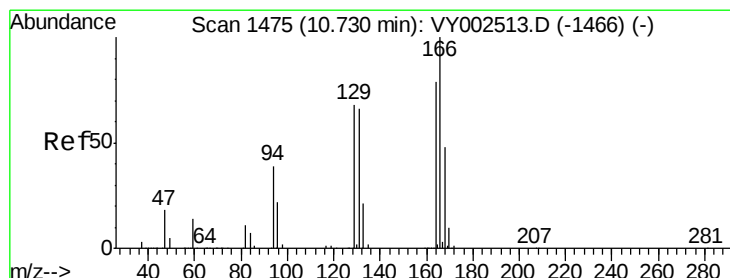
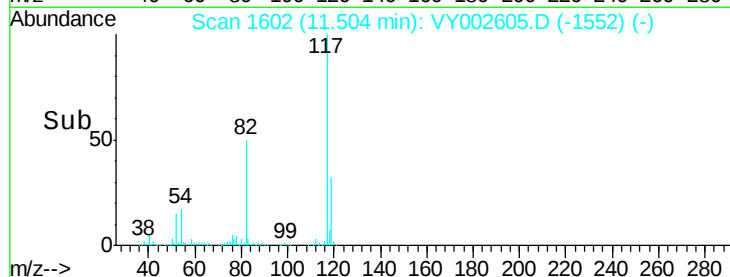
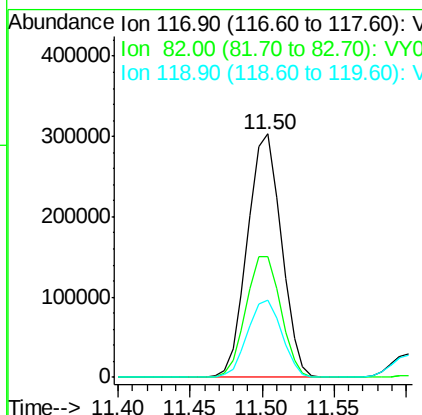
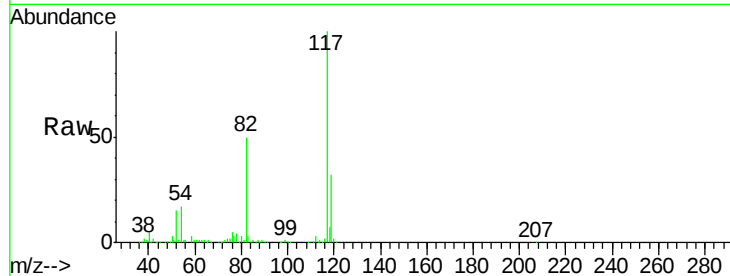
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	495391		
82	49.7		41.3	61.9
119	31.6		26.0	39.0

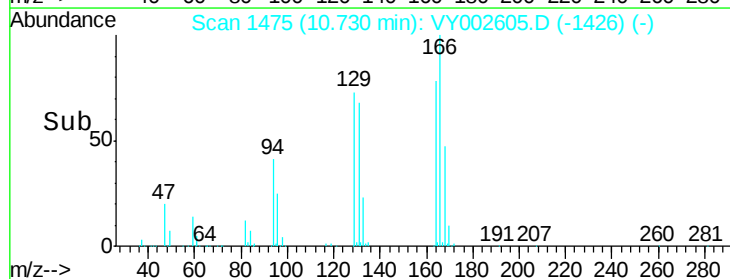
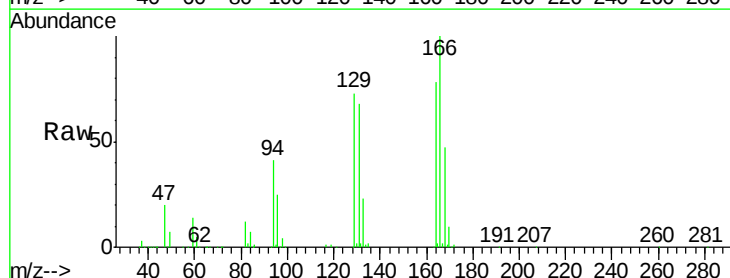
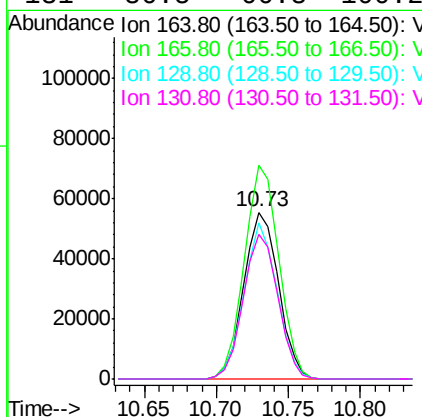
Manual Integrations
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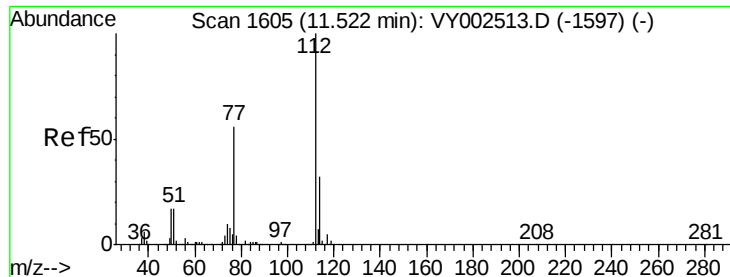
MMDadoda
5/7/2020 10:35:24 AM



#64
Tetrachloroethene
Concen: 21.062 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	92704		
166	127.9		100.7	151.1
129	93.2		68.3	102.5
131	86.5		66.8	100.2





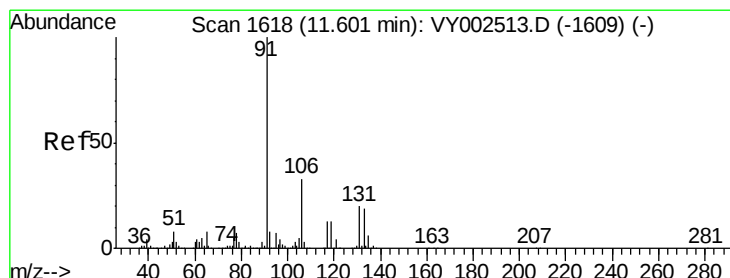
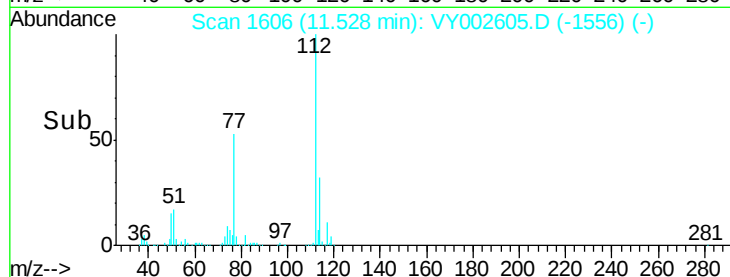
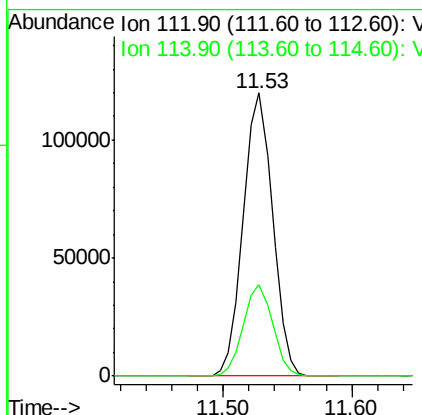
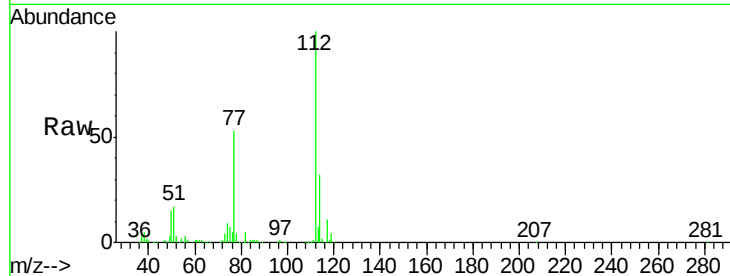
#65
Chlorobenzene
Concen: 20.143 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.8	38.6

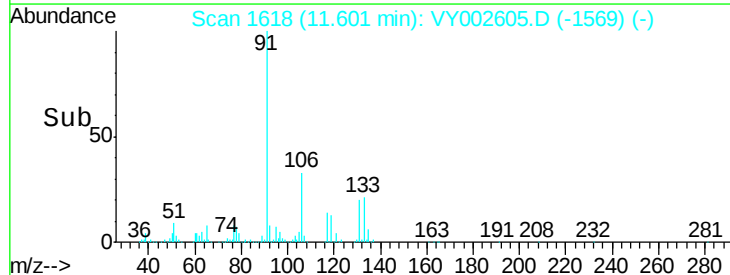
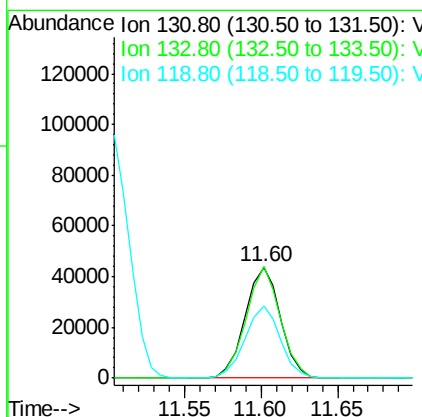
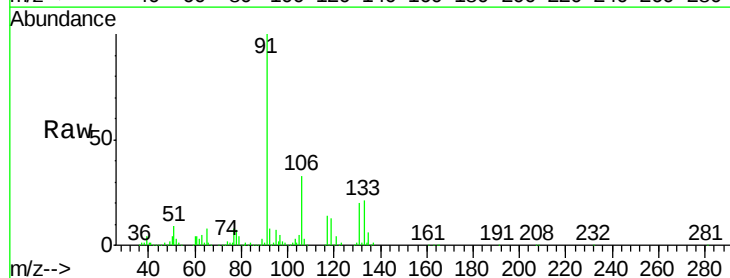
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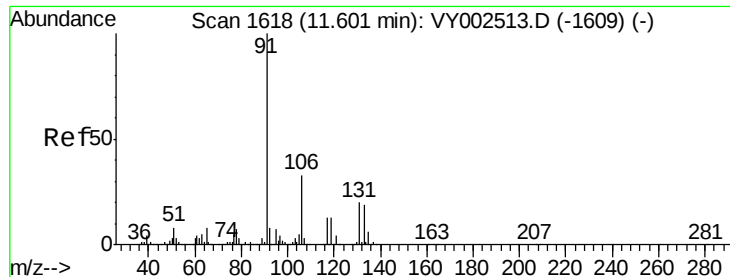
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.014 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.4	48.1	144.4
119	64.7	31.6	95.0





#67

Ethyl Benzene

Concen: 20.170 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion: 91 Resp: 333653

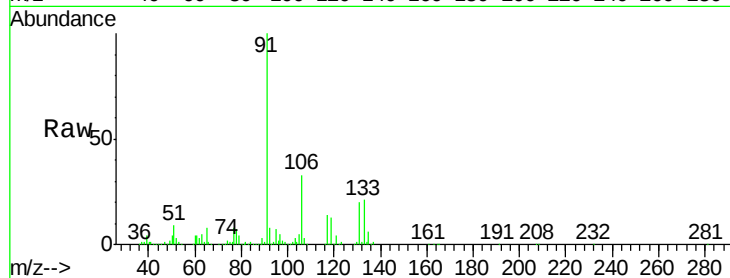
Ion Ratio Lower Upper

91 100

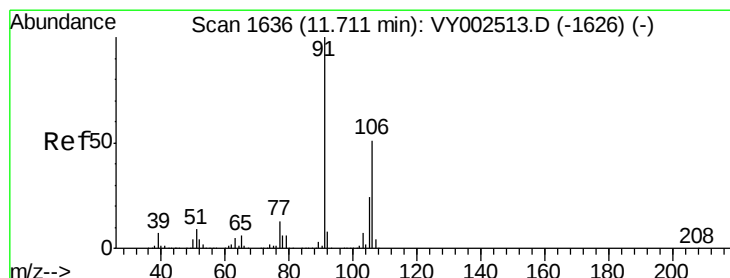
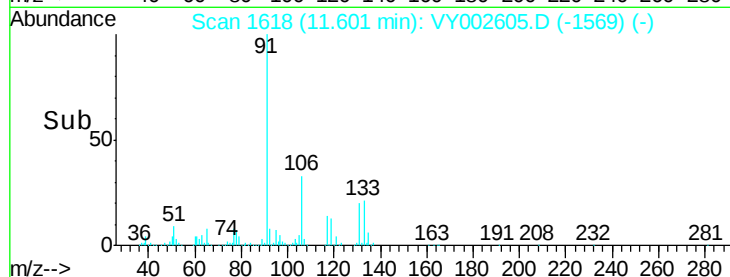
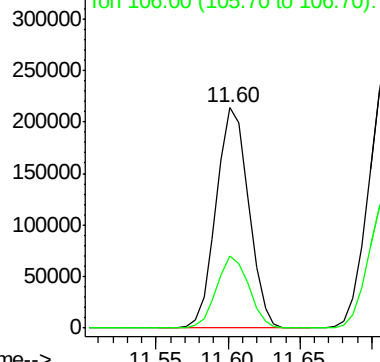
106 32.5 26.1 39.1

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VY002605.D (-1569) (-)



#68

m/p-Xylenes

Concen: 40.152 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY002605.D

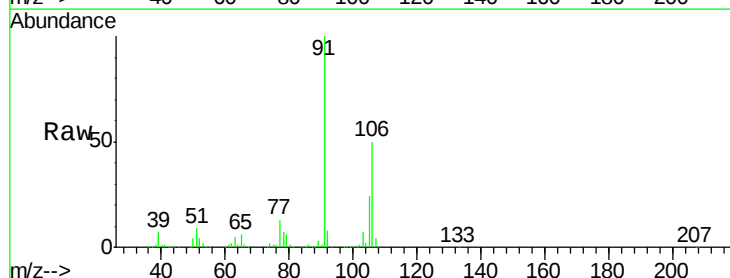
Acq: 06 May 2020 11:21

Tgt Ion: 106 Resp: 256995

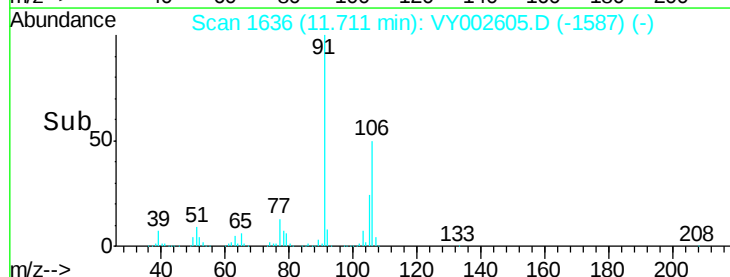
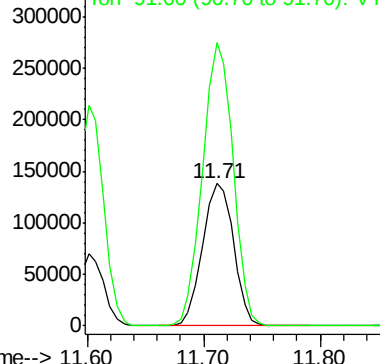
Ion Ratio Lower Upper

106 100

91 195.8 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): VY002605.D (-1587) (-)





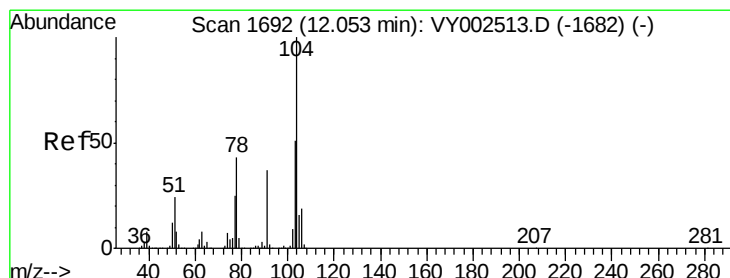
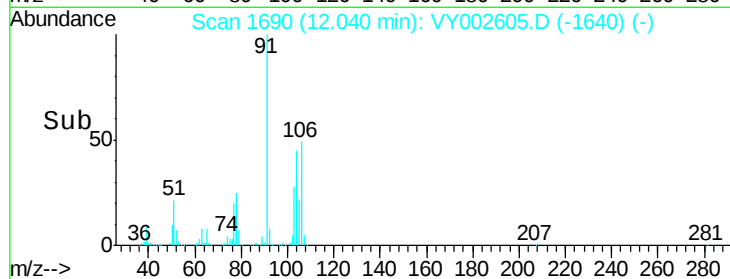
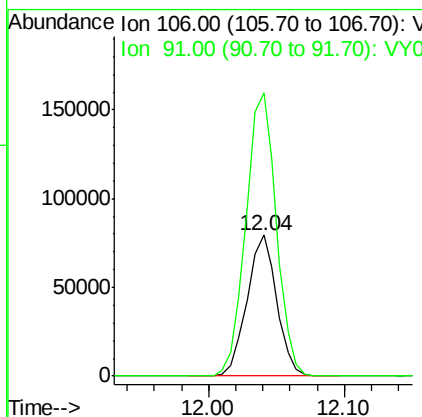
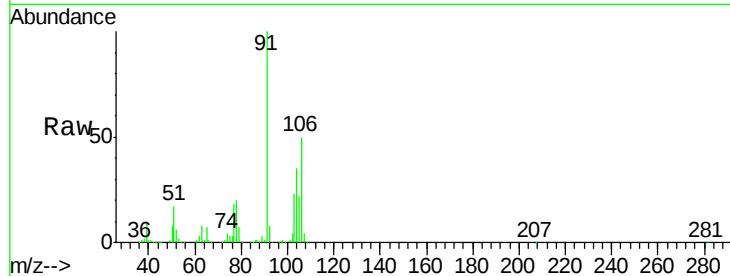
#69
o-Xylene
Concen: 20.289 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampled :
VY0506SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	121594		
91	91	205.8	103.8	311.3	

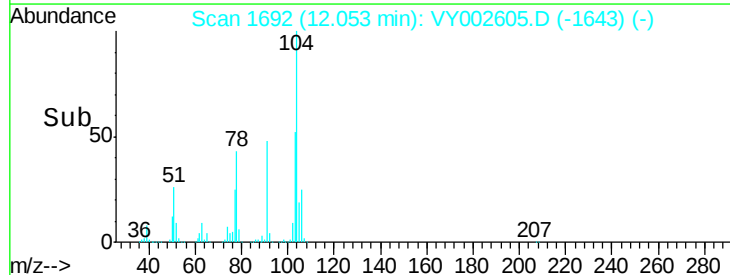
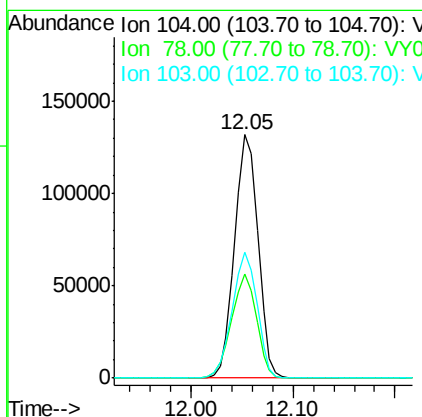
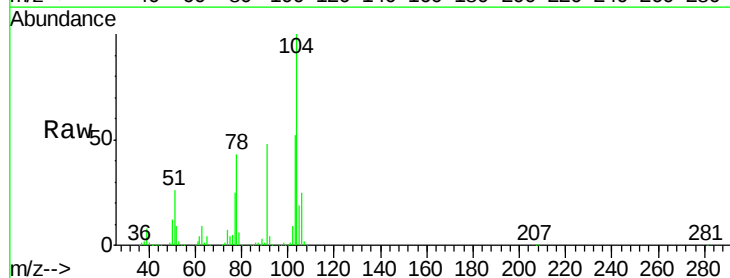
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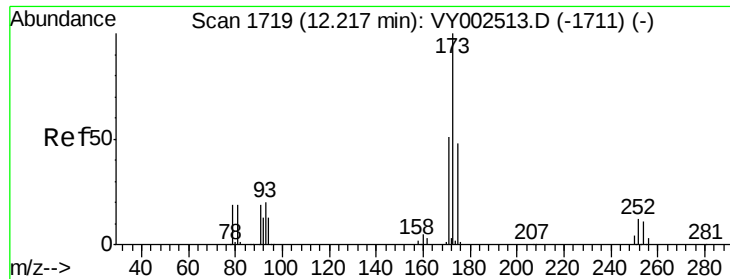
MMDadoda
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#70
Styrene
Concen: 20.380 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	208795		
78	78	45.7	37.4	56.0	
103	103	55.1	43.9	65.9	





#71

Bromoform

Concen: 19.824 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

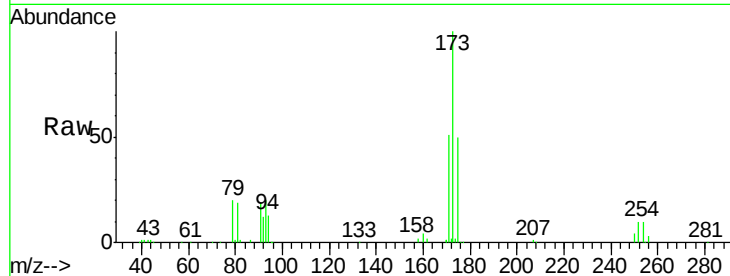
ClientSampleId :

VY0506SBS01

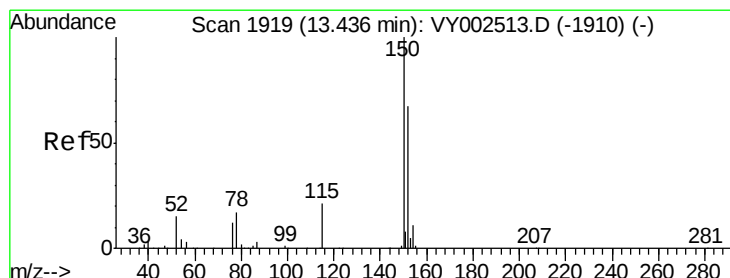
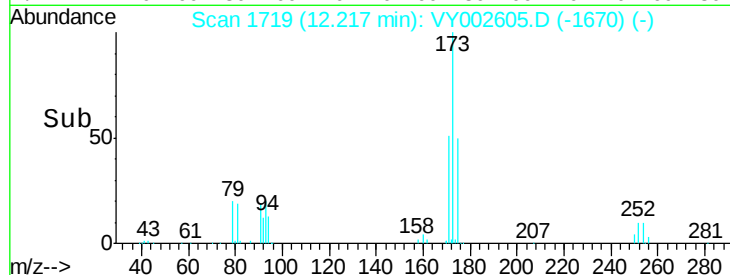
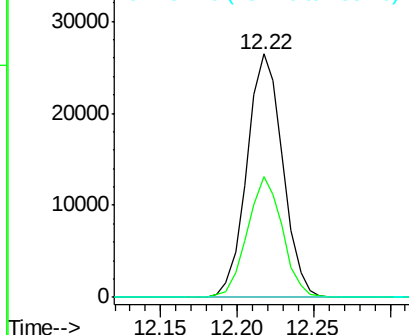
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.3	72.8
254	0.1	0.2	0.2

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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

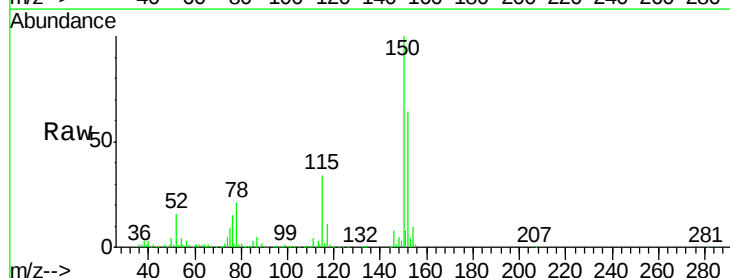
RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

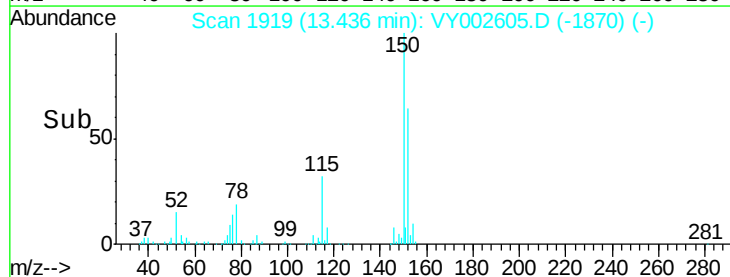
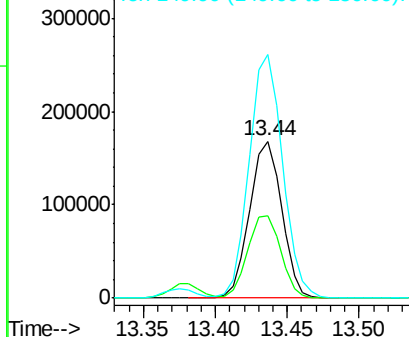
Lab File: VY002605.D

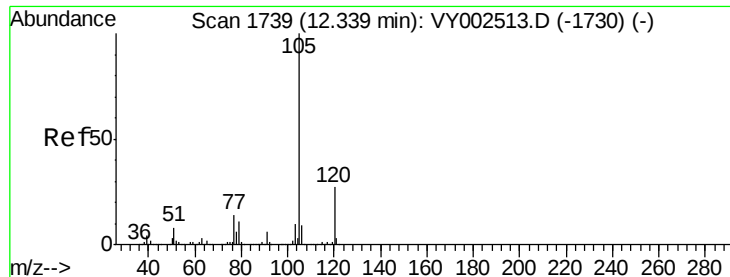
Acq: 06 May 2020 11:21

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: 19.967 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion: 105 Resp: 334223

Ion Ratio Lower Upper

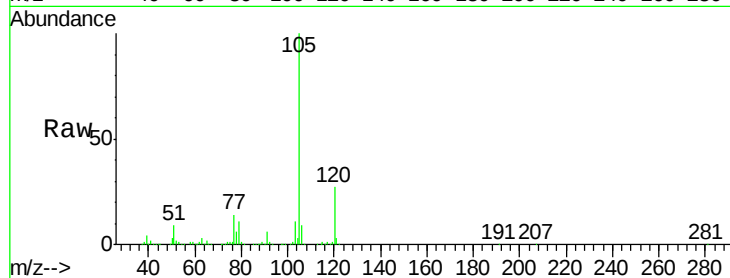
105 100

120 27.4 13.8 41.3

Manual Integrations
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MMDadoda

5/7/2020 10:35:24 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

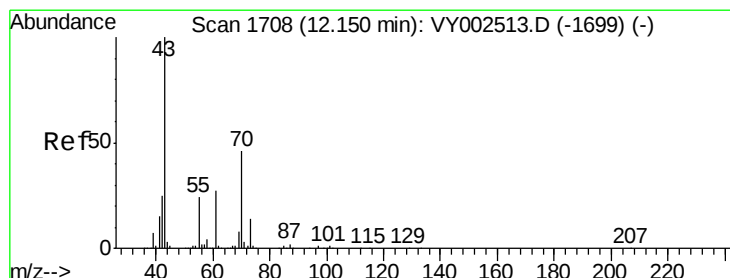
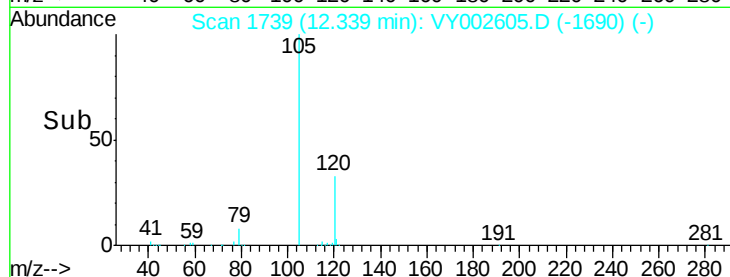
0

12.30

12.34

12.40

Time-->



#74

N-ethyl acetate

Concen: 20.049 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Tgt Ion: 43 Resp: 80726

Ion Ratio Lower Upper

43 100

70 46.6 36.7 55.1

55 24.8 19.2 28.8

61 26.7 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

80000

60000

40000

20000

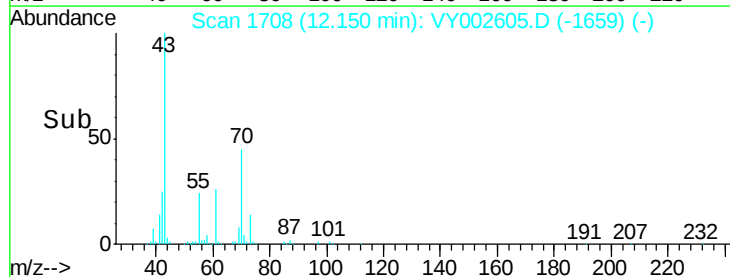
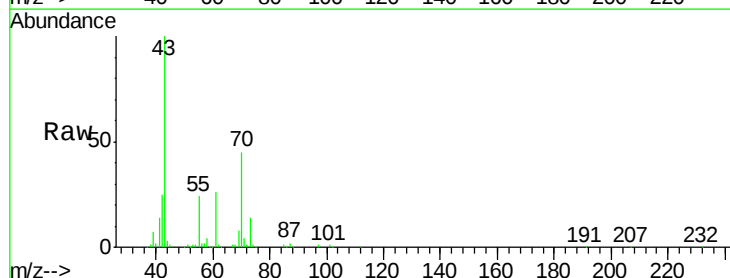
0

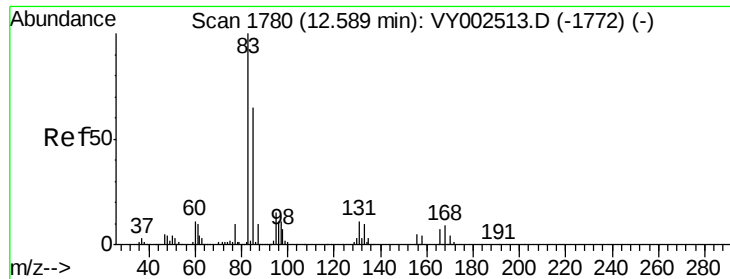
12.10

12.15

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.676 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

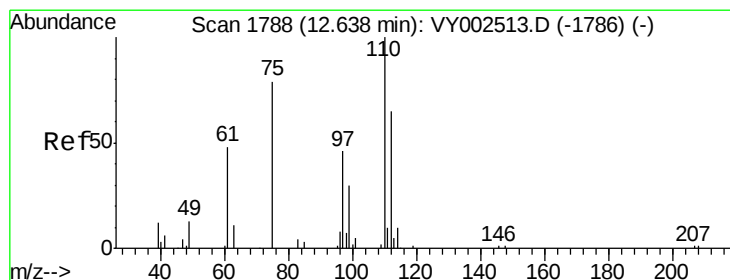
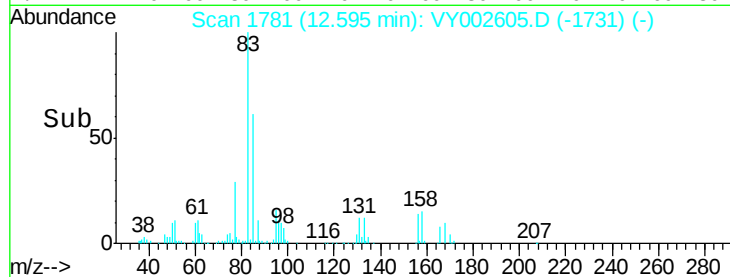
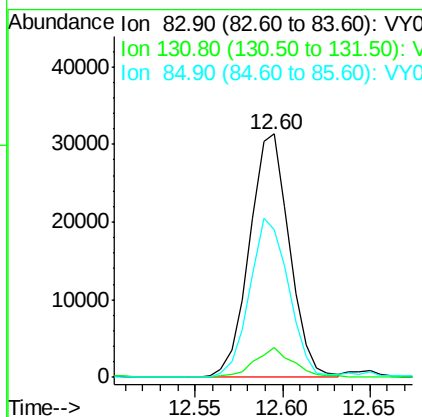
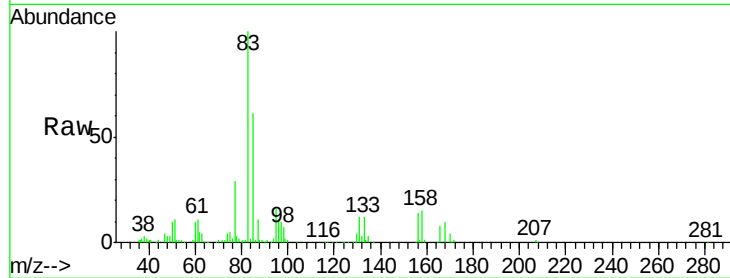
ClientSampleId :

VY0506SBS01

Tot Ion:	83	Resp:	49717
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.9	17.8
85	64.1	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 17.633 ug/l m

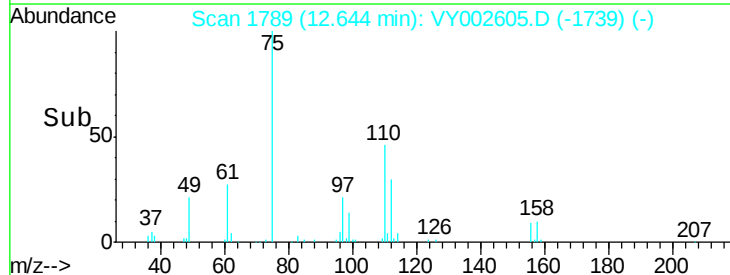
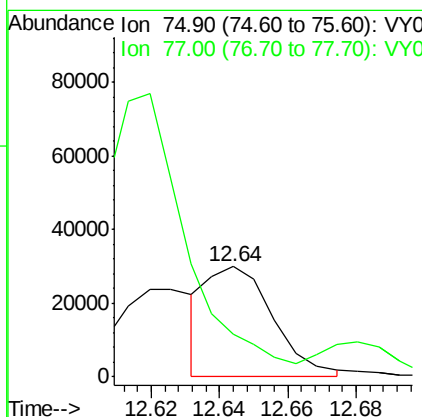
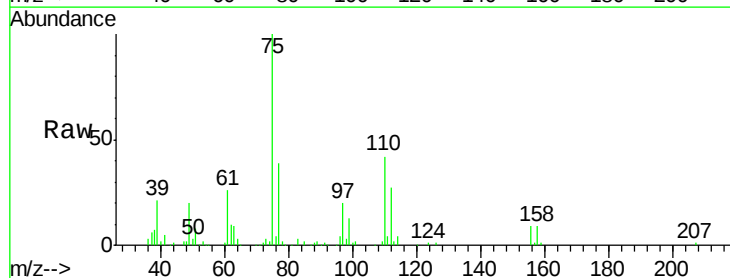
RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Tgt Ion:	75	Resp:	40471
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





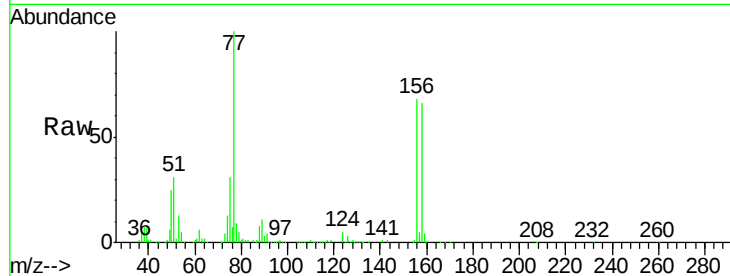
#77
Bromobenzene
Concen: 19.984 ug/l
RT: 12.62 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

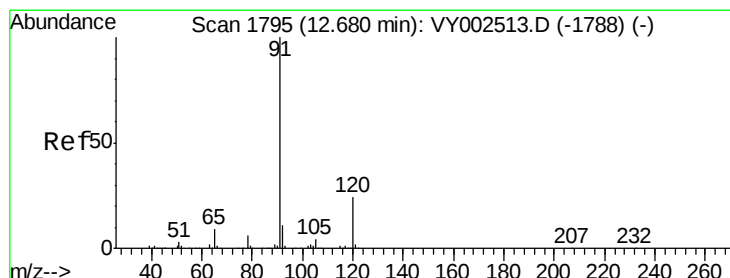
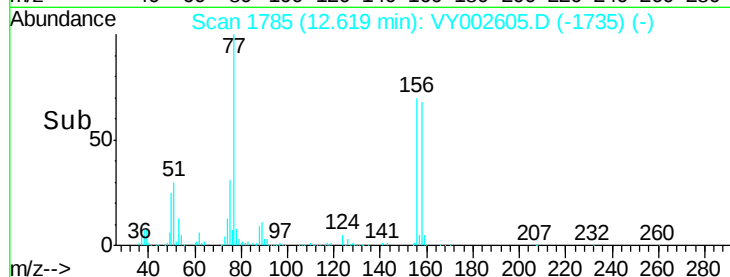
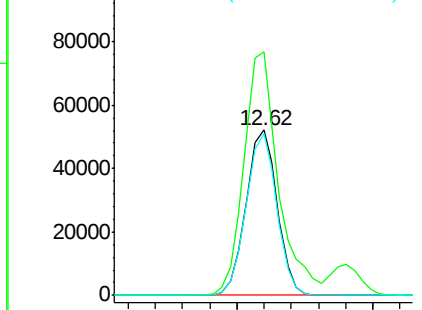
Tot Ion	Ratio	Lower	Upper
156	100		
77	163.4	82.0	245.8
158	96.8	48.5	145.6

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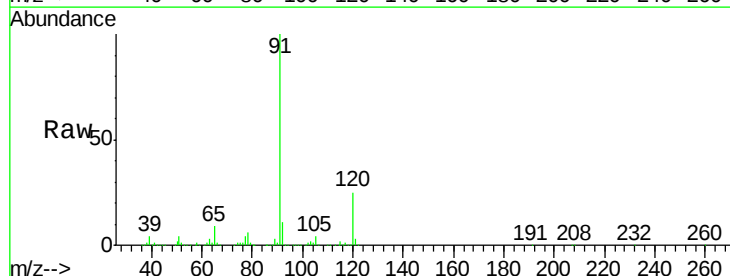


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

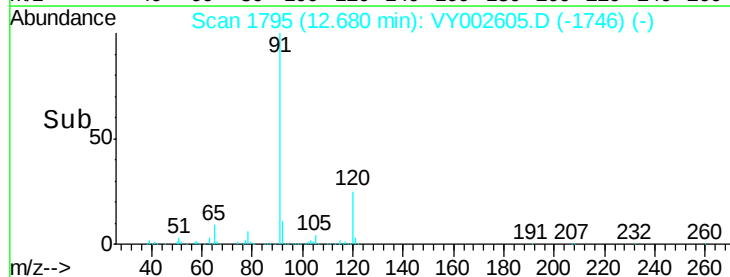
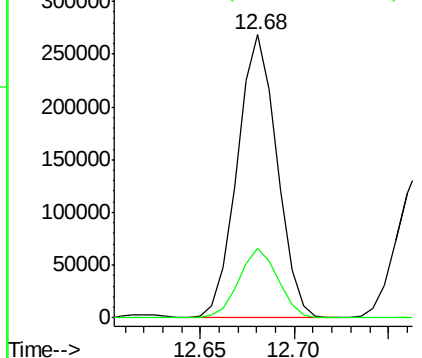


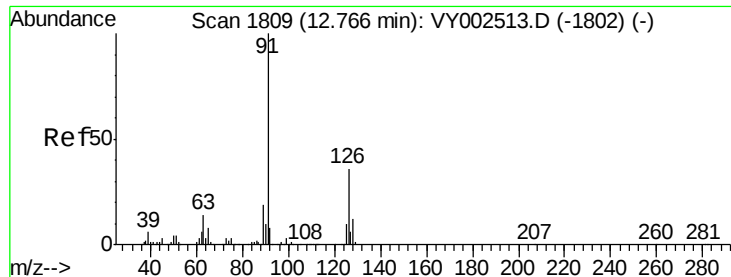
#78
n-propylbenzene
Concen: 20.184 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	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: 20.001 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBSD01

Tot Ion: 91 Resp: 215205

Ion Ratio Lower Upper

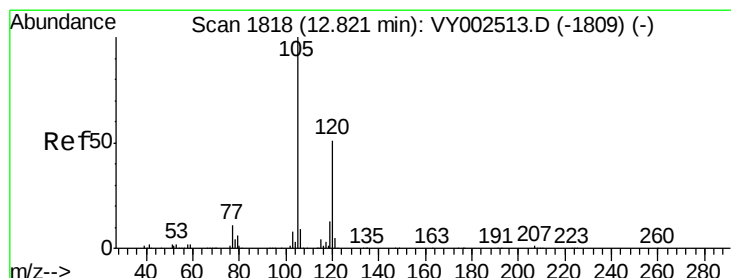
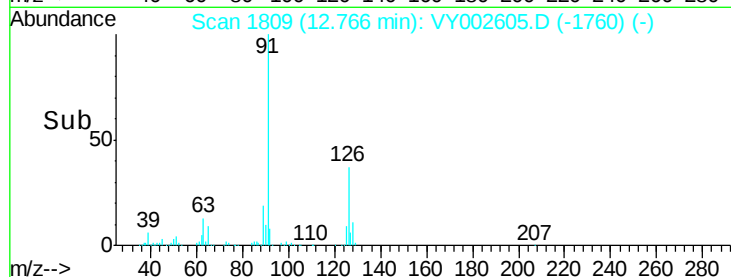
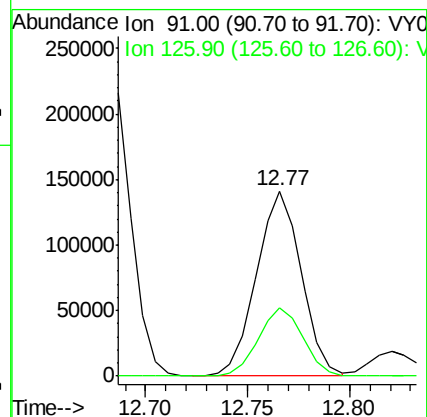
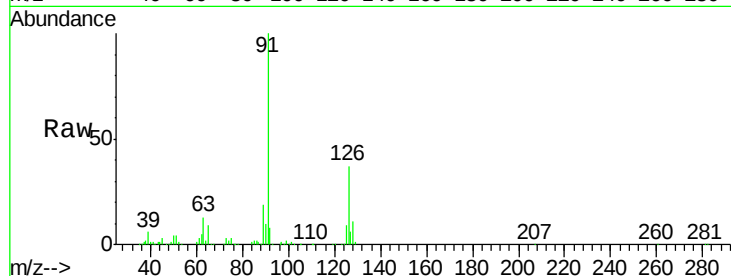
91 100

126 36.8 18.4 55.2

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#80

1,3,5-Trimethylbenzene

Concen: 20.099 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002605.D

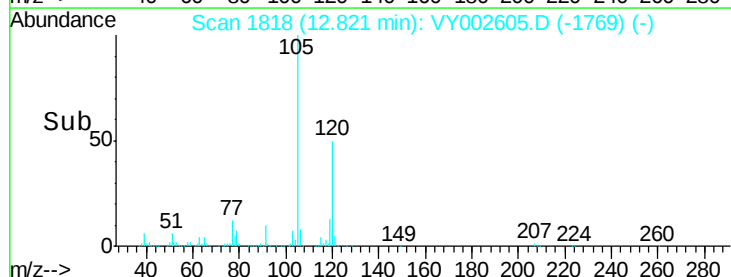
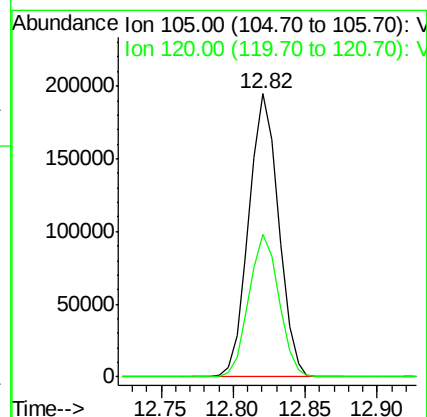
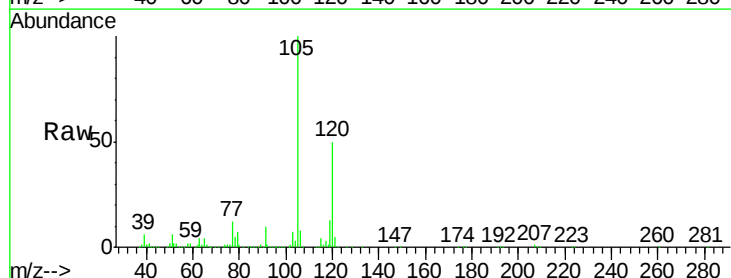
Acq: 06 May 2020 11:21

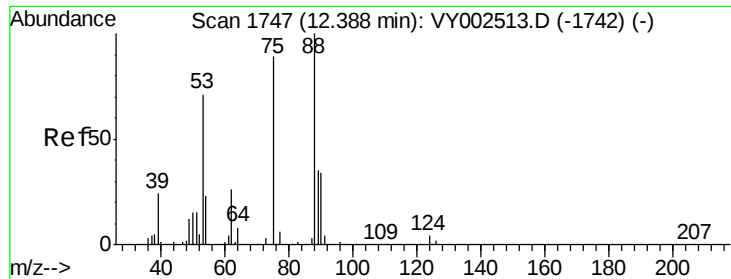
Tgt Ion: 105 Resp: 278869

Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.101 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

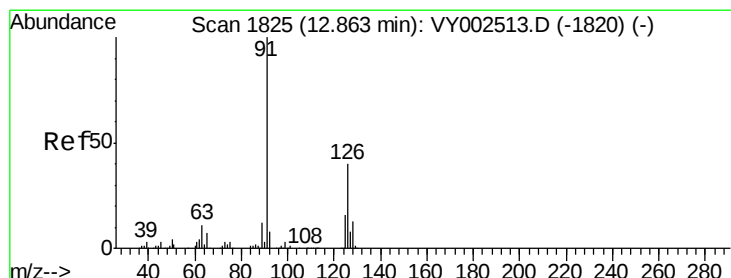
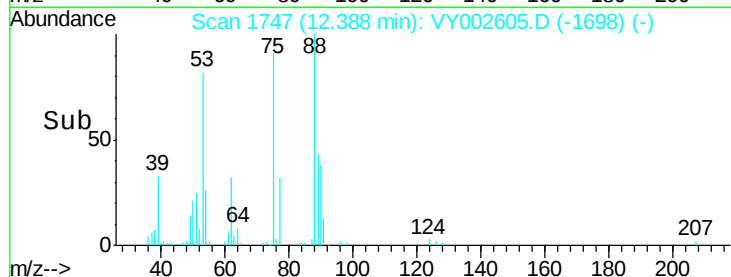
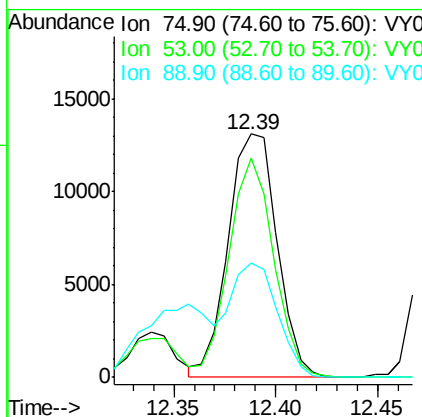
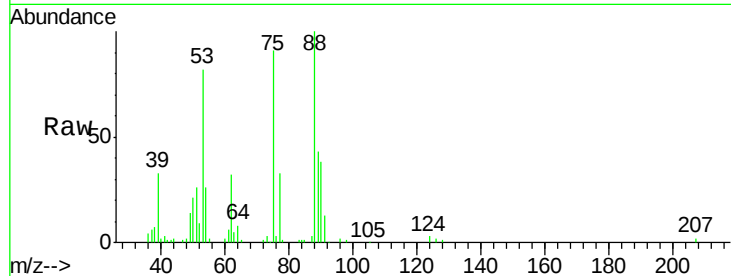
ClientSampleId :

VY0506SBS01

Tot Ion:	75	Resp:	21863
Ion	Ratio	Lower	Upper
75	100		
53	82.8	67.4	101.0
89	45.7	37.4	56.0

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#82

4-Chlorotoluene

Concen: 19.920 ug/l

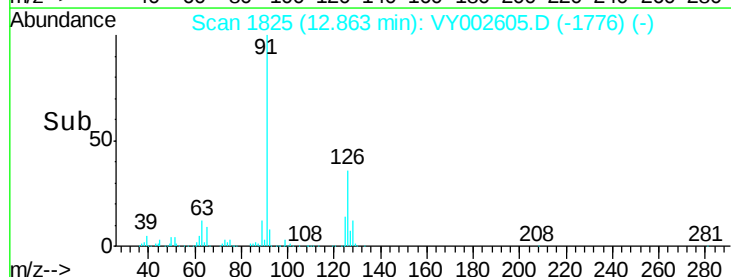
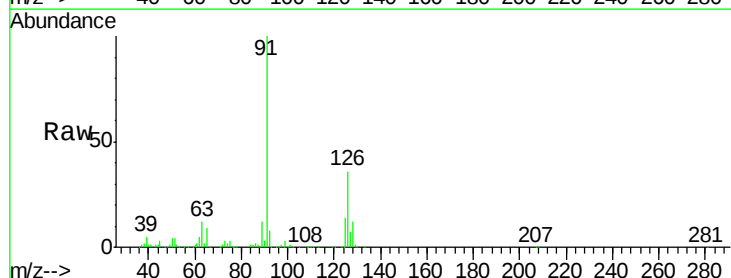
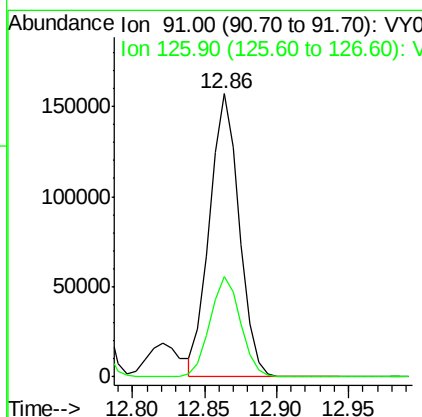
RT: 12.86 min Scan# 1825

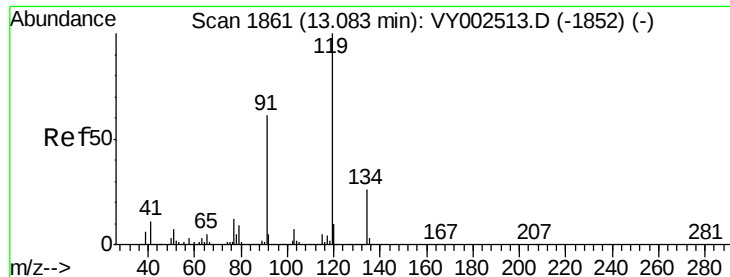
Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Tgt Ion:	91	Resp:	225145
Ion	Ratio	Lower	Upper
91	100		
126	36.9	18.5	55.5





#83

tert-Butylbenzene

Concen: 20.575 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

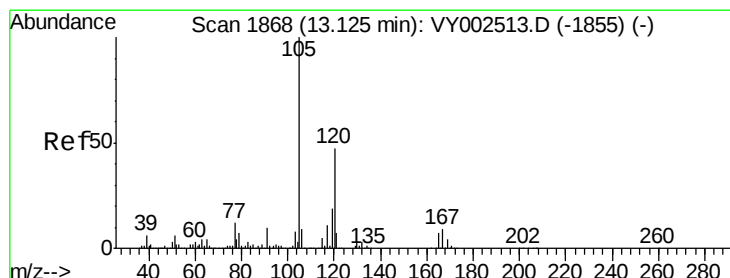
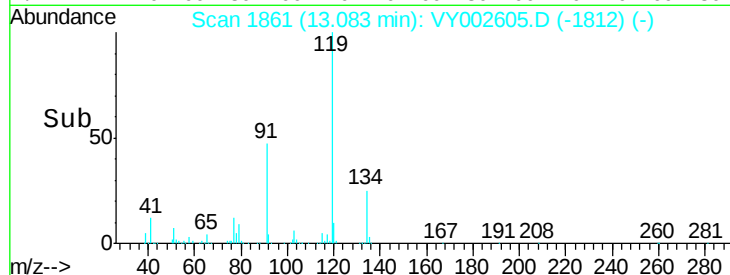
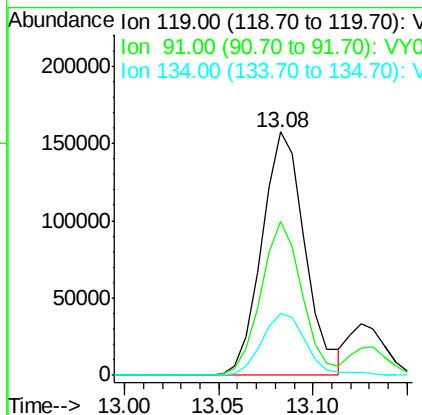
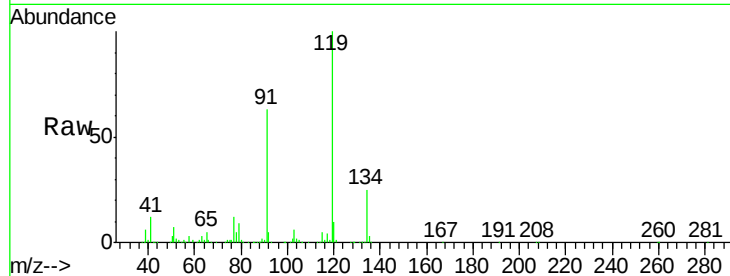
ClientSampleId :

VY0506SBS01

Tot Ion:	119	Resp:	250315
Ion Ratio	Lower	Upper	
119	100		
91	60.2	30.6	91.6
134	26.1	13.5	40.4

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#84

1,2,4-Trimethylbenzene

Concen: 20.227 ug/l

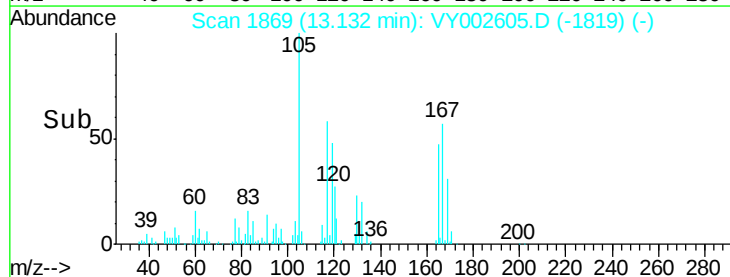
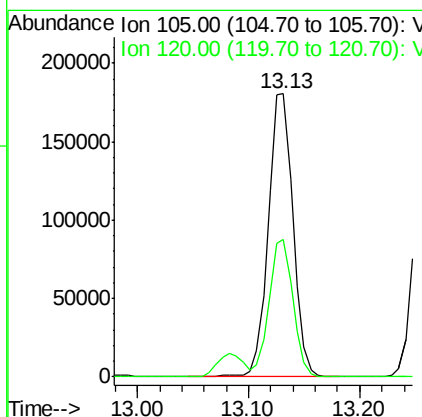
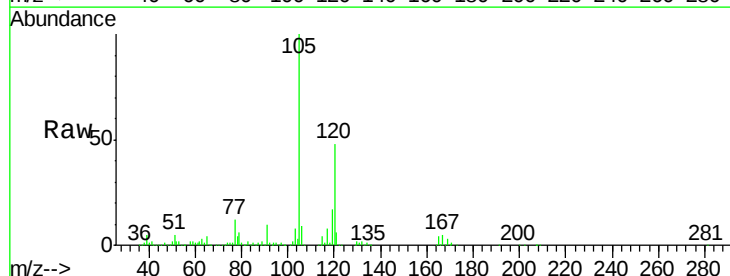
RT: 13.13 min Scan# 1869

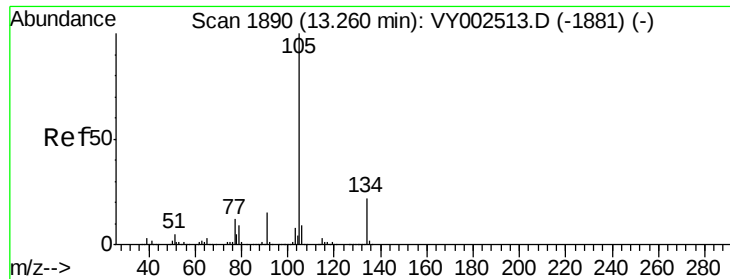
Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Tgt Ion:	105	Resp:	279691
Ion Ratio	Lower	Upper	
105	100		
120	47.2	23.4	70.3





#85

sec-Butylbenzene

Concen: 20.335 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

Tot Ion:105 Resp: 343284

Ion Ratio Lower Upper

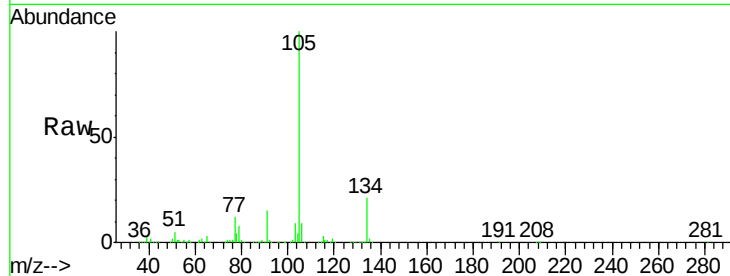
105 100

134 21.3 10.8 32.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

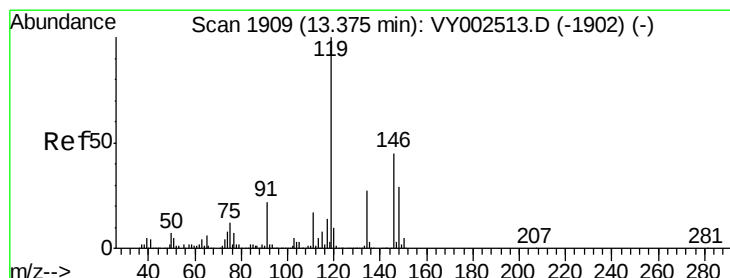
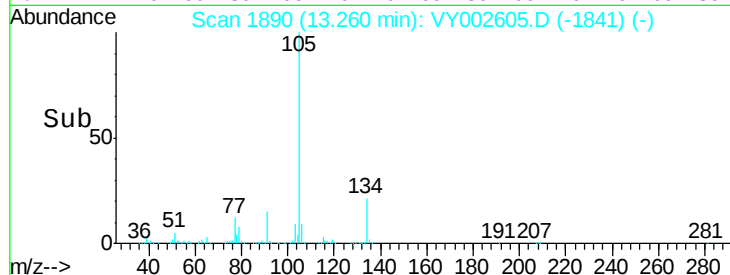
0

13.20

13.26

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 20.357 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

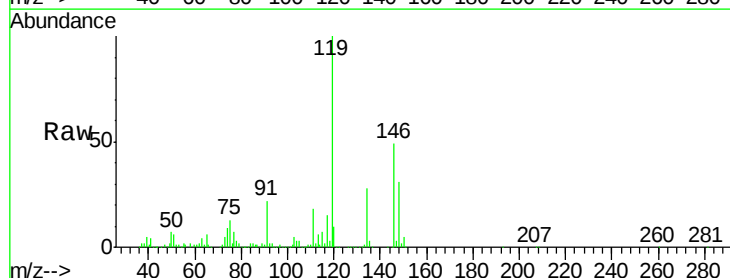
Tgt Ion:119 Resp: 321998

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

91 21.4 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

300000

250000

200000

150000

100000

50000

0

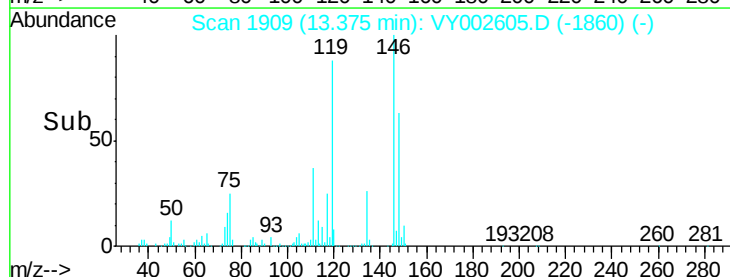
13.30

13.35

13.40

13.45

Time-->





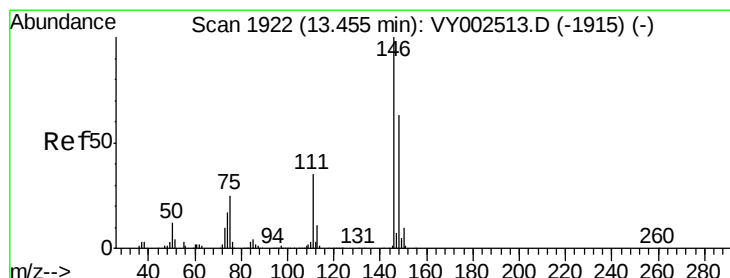
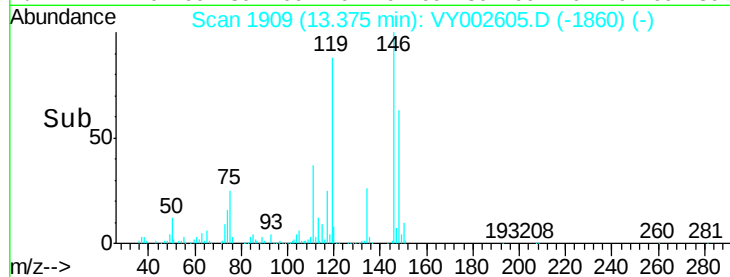
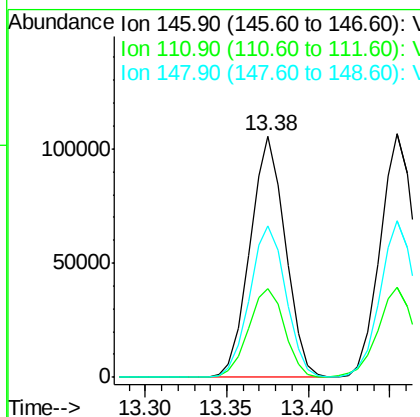
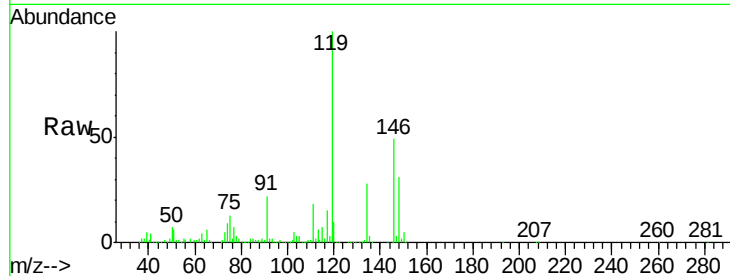
#87
 1,3-Dichlorobenzene
 Concen: 20.139 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	64.2	32.1	96.3

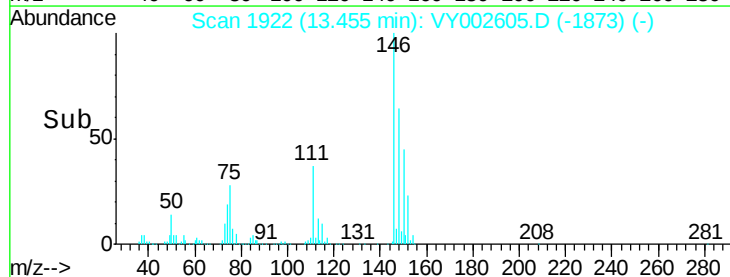
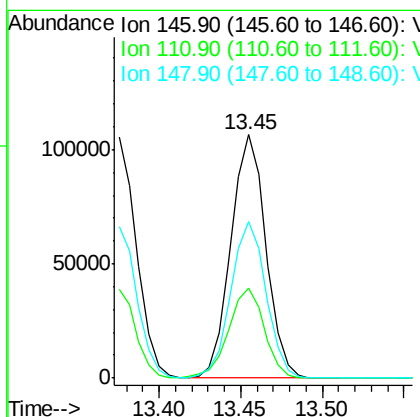
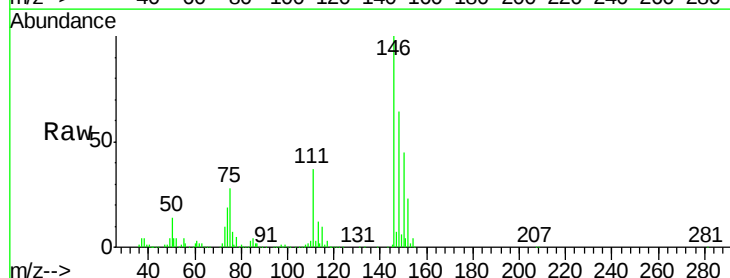
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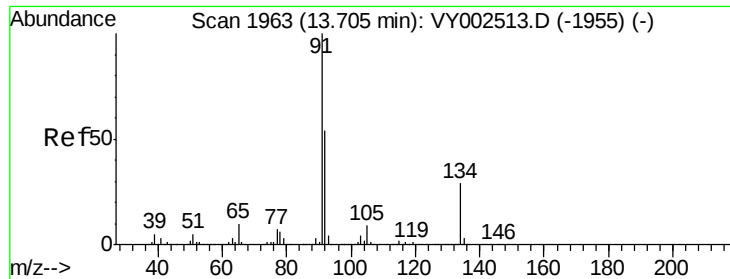
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#88
 1,4-Dichlorobenzene
 Concen: 20.322 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.1	54.1
148	64.6	31.9	95.5





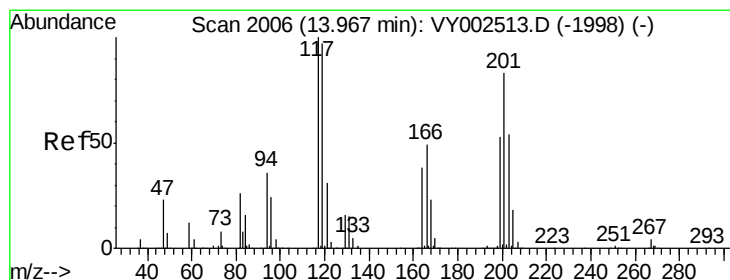
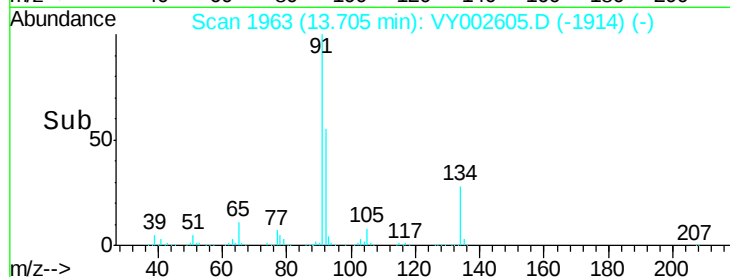
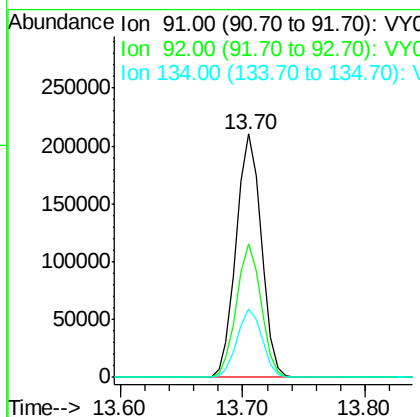
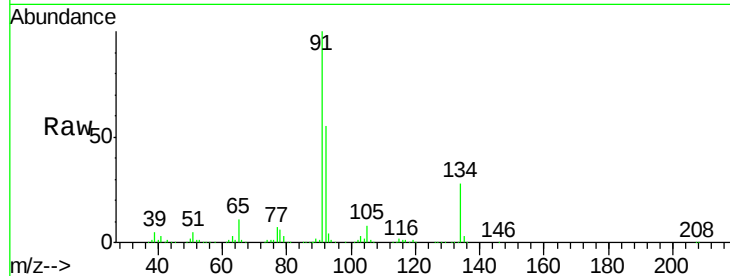
#89
n-Butylbenzene
Concen: 20.744 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	298714		
92	53.8		27.1	81.3
134	28.0		14.4	43.0

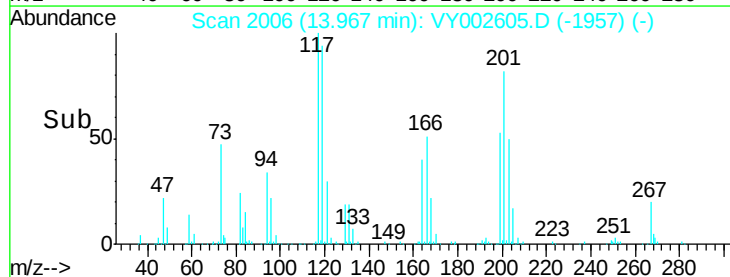
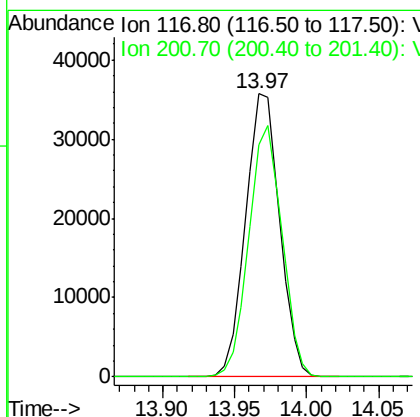
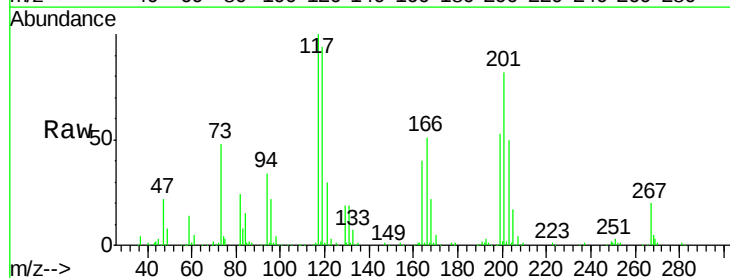
Manual Integrations
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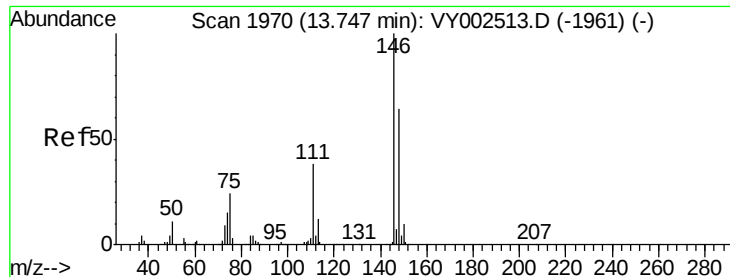
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#90
Hexachloroethane
Concen: 20.330 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	58562		
201	86.1		44.4	133.2





#91

1,2-Dichlorobenzene

Concen: 20.285 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

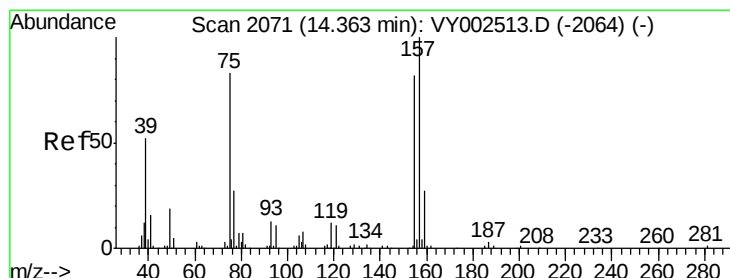
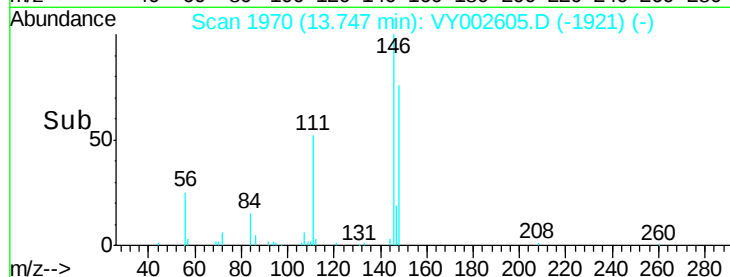
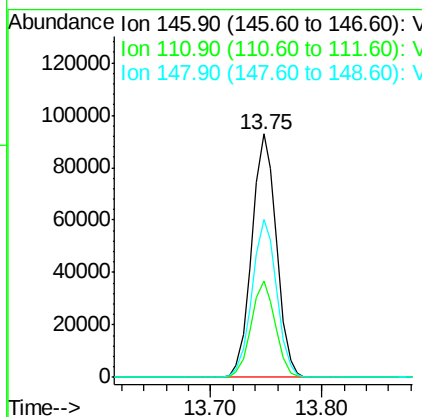
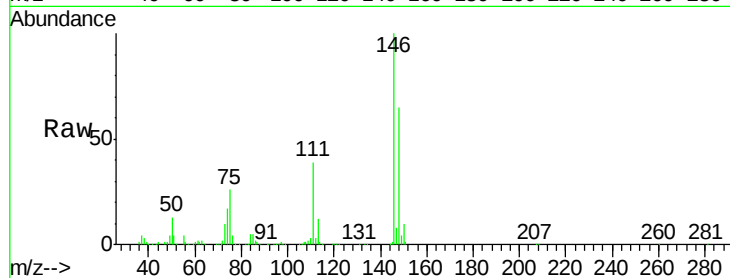
ClientSampleId :

VY0506SBS01

Tot Ion:	146	Resp:	143262
Ion Ratio	Lower	Upper	
146	100		
111	38.6	19.1	57.5
148	64.8	31.9	95.7

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.900 ug/l

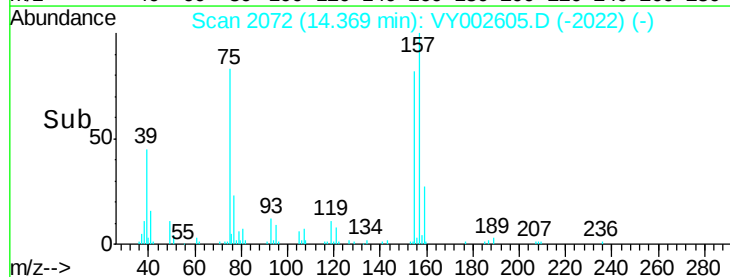
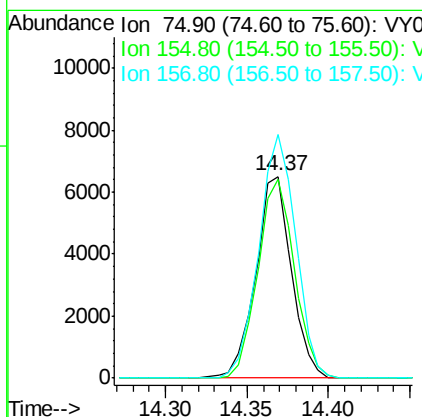
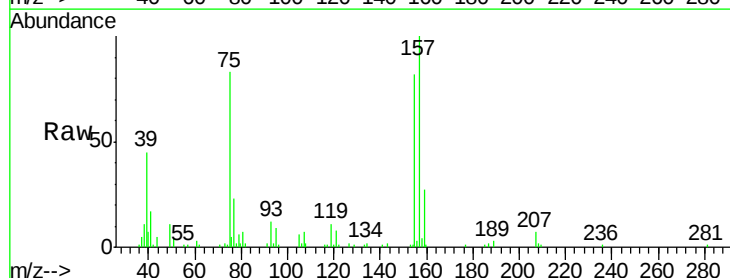
RT: 14.37 min Scan# 2072

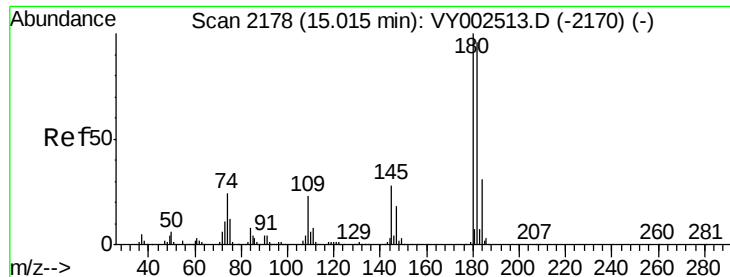
Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Tgt Ion:	75	Resp:	9875
Ion Ratio	Lower	Upper	
75	100		
155	100.7	51.3	153.9
157	124.4	65.0	195.0





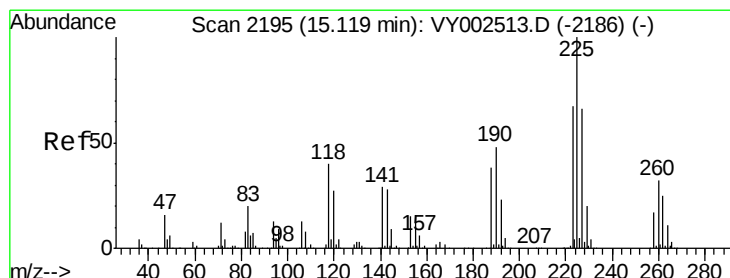
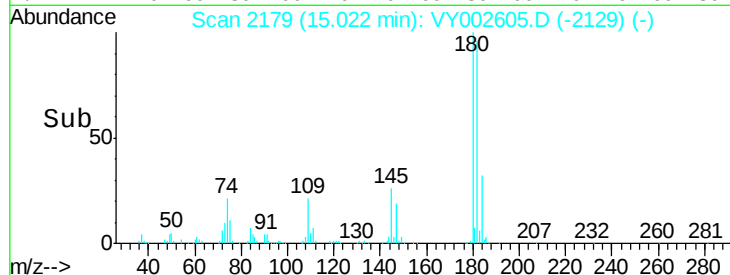
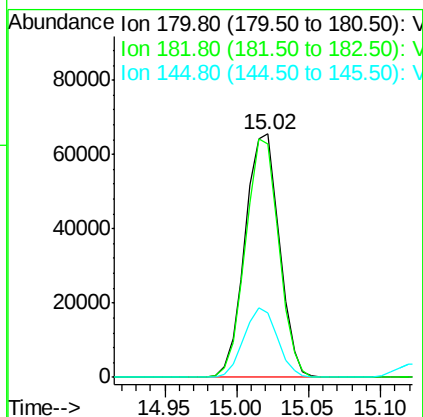
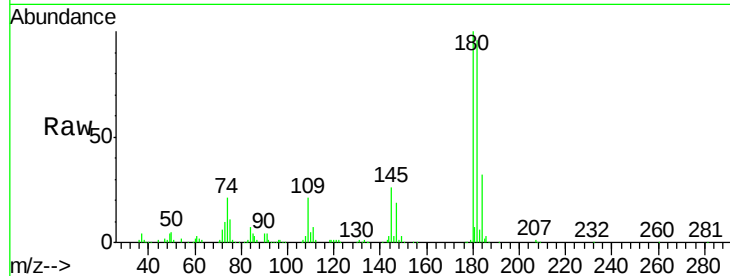
#93
1,2,4-Trichlorobenzene
Concen: 21.024 ug/l
RT: 15.02 min Scan# 2179
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	107804		
182	95.3	47.9	143.6	
145	28.1	14.4	43.0	

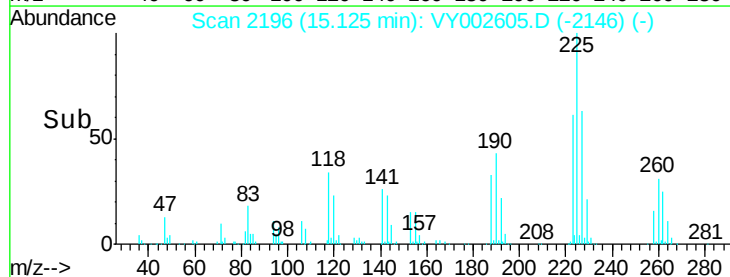
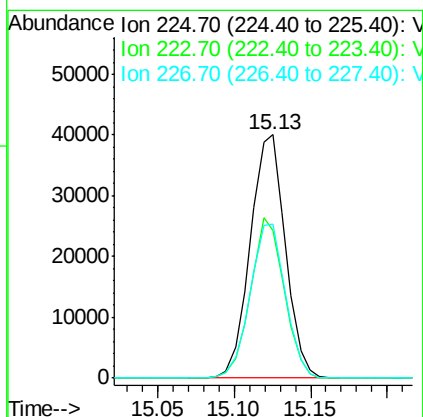
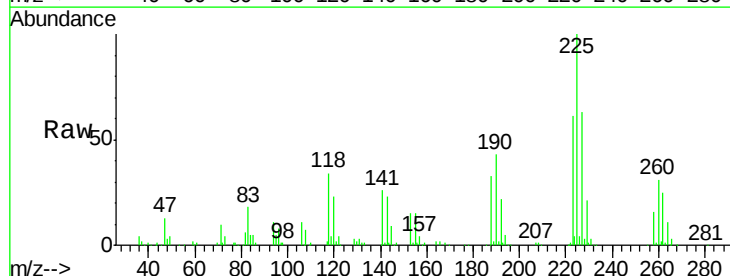
Manual Integrations
APPROVED

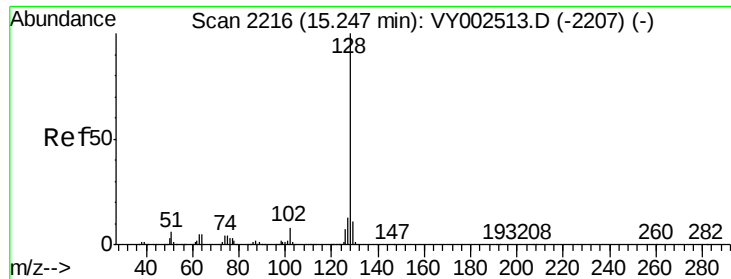
MMDadoda
5/7/2020 10:35:24 AM



#94
Hexachlorobutadiene
Concen: 20.768 ug/l
RT: 15.13 min Scan# 2196
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	63921		
223	63.3	32.1	96.5	
227	64.0	32.0	96.2	





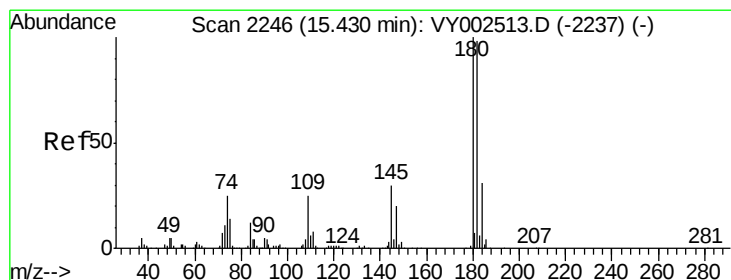
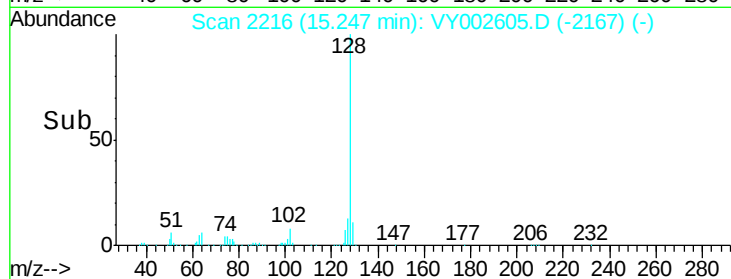
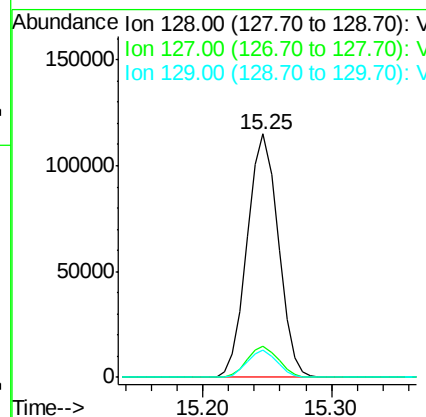
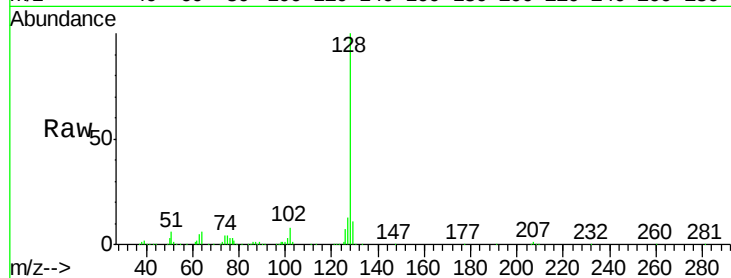
#95
Naphthalene
Concen: 20.484 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Tot Ion:	128	Resp:	191605
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
5/7/2020 10:35:24 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.986 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion:	180	Resp:	91352
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.9	143.8
145	30.4	15.0	45.1

