

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050720\
 Data File : VY002620.D
 Acq On : 07 May 2020 11:03
 Operator : SY/MD
 Sample : VY0507SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 1:23:42 PM

Quant Time: May 07 12:51:37 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	358857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	529144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	474520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	246739	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	155589	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
35) Dibromofluoromethane	7.74	113	167327	55.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.58%	
50) Toluene-d8	10.19	98	654708	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
62) 4-Bromofluorobenzene	12.49	95	221471	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	45741	16.660	ug/l	99
3) Chloromethane	2.12	50	55588	19.120	ug/l	97
4) Vinyl Chloride	2.26	62	63820	19.010	ug/l	100
5) Bromomethane	2.65	94	44496	19.219	ug/l	95
6) Chloroethane	2.80	64	38419	19.166	ug/l	98
7) Trichlorofluoromethane	3.13	101	98215	18.876	ug/l	95
8) Diethyl Ether	3.54	74	34227	19.575	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	61834	19.445	ug/l	97
10) Methyl Iodide	4.11	142	77169	17.812	ug/l	100
11) Tert butyl alcohol	4.98	59	27880	89.810	ug/l	99
12) 1,1-Dichloroethene	3.89	96	59813	19.362	ug/l	98
13) Acrolein	3.74	56	16943	78.928	ug/l	96
14) Allyl chloride	4.50	41	90191	20.038	ug/l	97
15) Acrylonitrile	5.19	53	82390	99.920	ug/l	99
16) Acetone	3.96	43	56516	90.758	ug/l	98
17) Carbon Disulfide	4.21	76	164945	17.748	ug/l	100
18) Methyl Acetate	4.49	43	39817	19.137	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	160305	19.890	ug/l	96
20) Methylene Chloride	4.74	84	69809	20.047	ug/l	100
21) trans-1,2-Dichloroethene	5.24	96	67478	19.985	ug/l	95
22) Diisopropyl ether	6.13	45	191106	20.984	ug/l	98
23) Vinyl Acetate	6.08	43	571468	99.775	ug/l	99
24) 1,1-Dichloroethane	6.04	63	110137	20.442	ug/l	99
25) 2-Butanone	7.00	43	96515	94.684	ug/l	100
26) 2,2-Dichloropropane	7.00	77	101910	19.899	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	75453	20.196	ug/l	99
28) Bromochloromethane	7.35	49	46094	20.881	ug/l	97
29) Tetrahydrofuran	7.36	42	67049	99.418	ug/l	99
30) Chloroform	7.53	83	113240	20.214	ug/l	98
31) Cyclohexane	7.80	56	103340	19.055	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	103908	19.955	ug/l	100
36) 1,1-Dichloropropene	7.93	75	88235	19.891	ug/l	99
37) Ethyl Acetate	7.09	43	45267	19.858	ug/l	99
38) Carbon Tetrachloride	7.91	117	96856	20.000	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	115288	19.677	ug/l	98
40) Benzene	8.18	78	258118	20.147	ug/l	100
41) Methacrylonitrile	7.33	41	25034m	20.426	ug/l	
42) 1,2-Dichloroethane	8.25	62	68790	19.142	ug/l	99
43) Isopropyl Acetate	8.28	43	85658	20.045	ug/l	100
44) Trichloroethene	8.95	130	83099	20.755	ug/l	99
45) 1,2-Dichloropropane	9.22	63	63763	20.622	ug/l	98
46) Dibromomethane	9.32	93	35127	19.745	ug/l	99
47) Bromodichloromethane	9.51	83	87319	20.186	ug/l	97
48) Methyl methacrylate	9.30	41	38634	19.976	ug/l	99
49) 1,4-Dioxane	9.30	88	9427	400.211	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	227165	103.132	ug/l	100
52) Toluene	10.25	92	167856	20.386	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	91528	20.194	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	106981	20.418	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	54035	20.828	ug/l	99
56) Ethyl methacrylate	10.52	69	69724	20.202	ug/l	98
57) 1,3-Dichloropropane	10.80	76	88414	20.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	194745	107.000	ug/l	98
59) 2-Hexanone	10.84	43	154452	101.880	ug/l	100
60) Dibromochloromethane	10.99	129	66480	20.148	ug/l	100
61) 1,2-Dibromoethane	11.10	107	50589	19.693	ug/l	99
64) Tetrachloroethene	10.73	164	93134	22.090	ug/l	99
65) Chlorobenzene	11.52	112	186170	20.638	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	70086	20.931	ug/l	99
67) Ethyl Benzene	11.60	91	327881	20.693	ug/l	100
68) m/p-Xylenes	11.71	106	254762	41.554	ug/l	100
69) o-Xylene	12.03	106	120024	20.908	ug/l	99
70) Styrene	12.05	104	206451	21.037	ug/l	99
71) Bromoform	12.22	173	42970	20.676	ug/l #	99
73) Isopropylbenzene	12.34	105	330465	20.666	ug/l	99
74) N-amyl acetate	12.15	43	78245	20.341	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	48732	19.162	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	44368m	20.235	ug/l	
77) Bromobenzene	12.61	156	81856	20.489	ug/l	99
78) n-propylbenzene	12.68	91	386948	20.852	ug/l	100
79) 2-Chlorotoluene	12.77	91	212126	20.636	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	275528	20.786	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	21635	19.785	ug/l	94
82) 4-Chlorotoluene	12.86	91	224006	20.746	ug/l	99
83) tert-Butylbenzene	13.08	119	241627	20.789	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	274759	20.799	ug/l	99
85) sec-Butylbenzene	13.26	105	342389	21.230	ug/l	100
86) p-Isopropyltoluene	13.38	119	317370	21.002	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	158639	20.980	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	157134	20.986	ug/l	99
89) n-Butylbenzene	13.70	91	291831	21.214	ug/l	100
90) Hexachloroethane	13.97	117	58042	21.091	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	141102	20.913	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9079	19.151	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	104776	21.389	ug/l	99
94) Hexachlorobutadiene	15.13	225	64045	21.781	ug/l	98
95) Naphthalene	15.25	128	180113	20.155	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	86057	20.694	ug/l	99

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

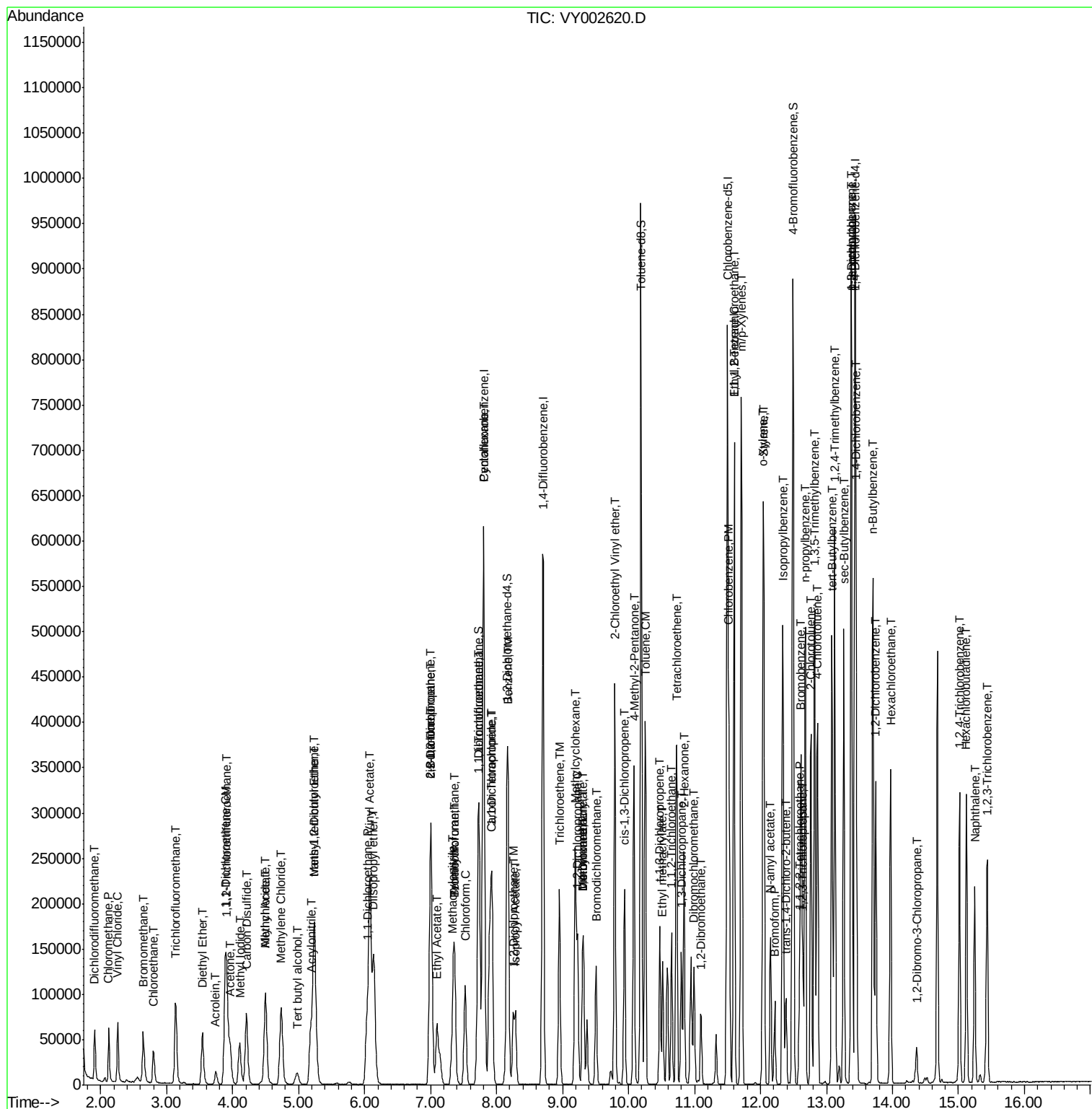
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050720\
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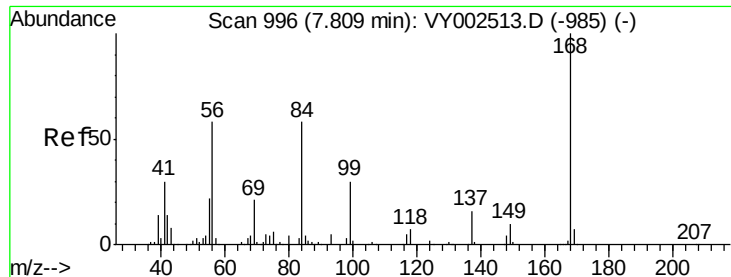
Instrument :
MSVOA_Y
ClientSampleId :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

Tot Ion:168 Resp: 358857

Ion Ratio Lower Upper

168 100

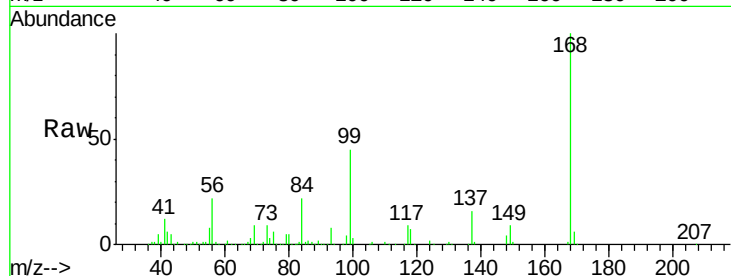
99 45.4 39.2 58.8

Manual Integrations

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5/8/2020 1:23:42 PM



Abundance Ion 167.90 (167.60 to 168.60): VY002620.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002620.D (-947) (-)

7.81

150000

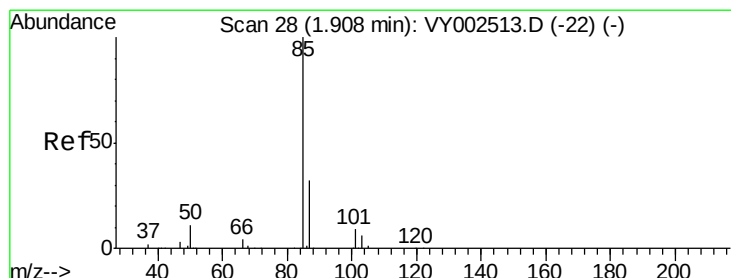
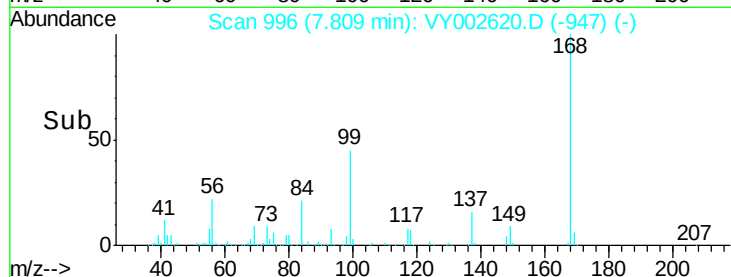
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 16.660 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002620.D

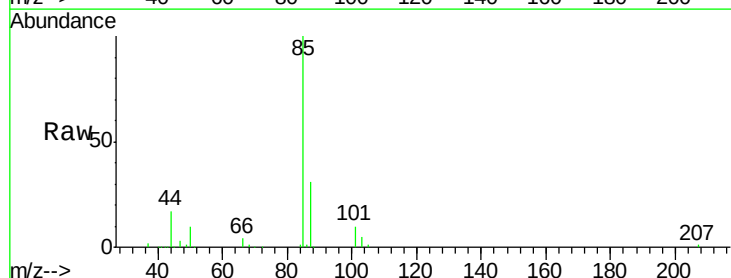
Acq: 07 May 2020 11:03

Tgt Ion: 85 Resp: 45741

Ion Ratio Lower Upper

85 100

87 31.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002620.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002620.D (-1) (-)

1.91

30000

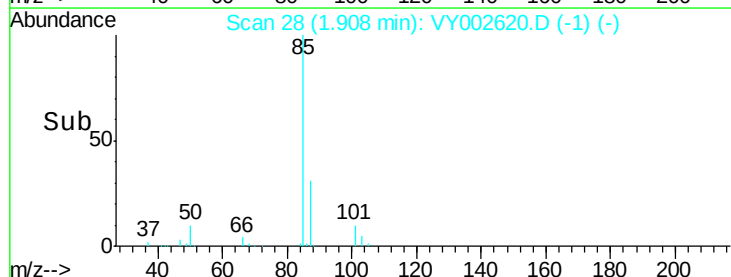
20000

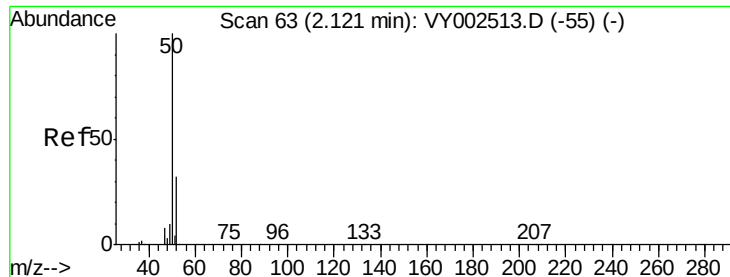
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 19.120 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

Tot Ion: 50 Resp: 55588

Ion Ratio Lower Upper

50 100

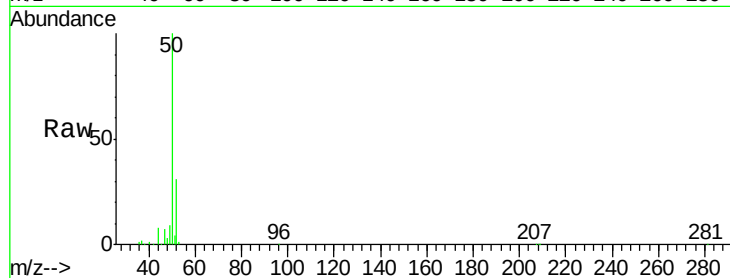
52 30.5 25.9 38.9

Manual Integrations

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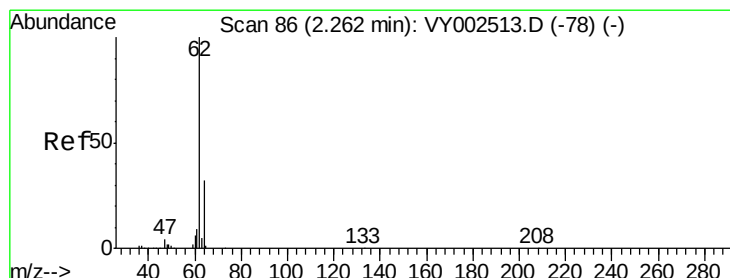
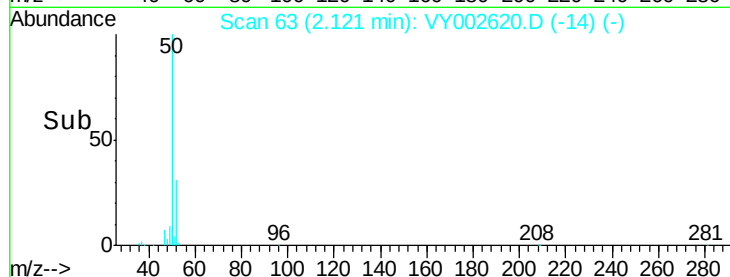
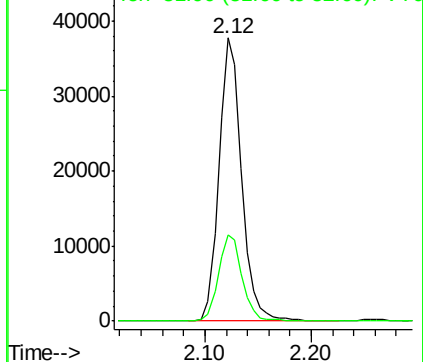
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.010 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002620.D

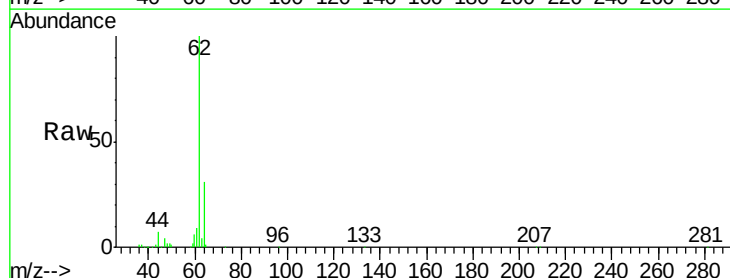
Acq: 07 May 2020 11:03

Tgt Ion: 62 Resp: 63820

Ion Ratio Lower Upper

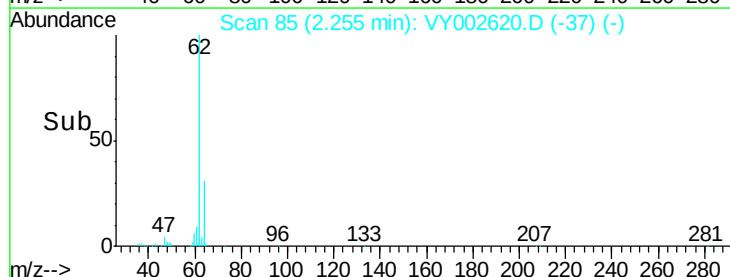
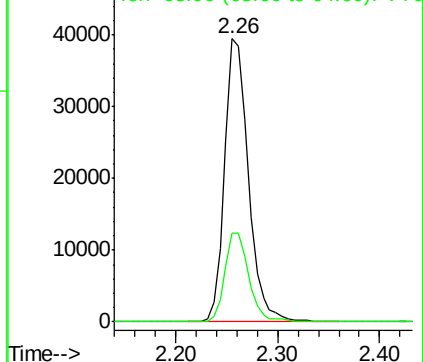
62 100

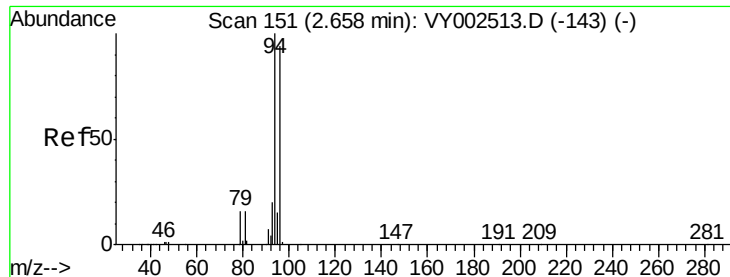
64 31.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.219 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

Tot Ion: 94 Resp: 44496

Ion Ratio Lower Upper

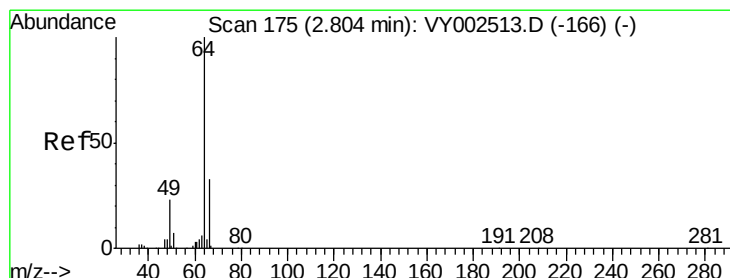
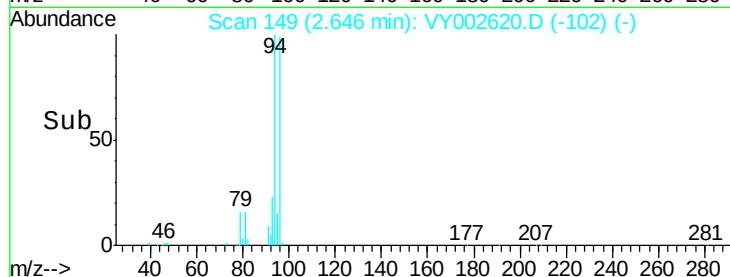
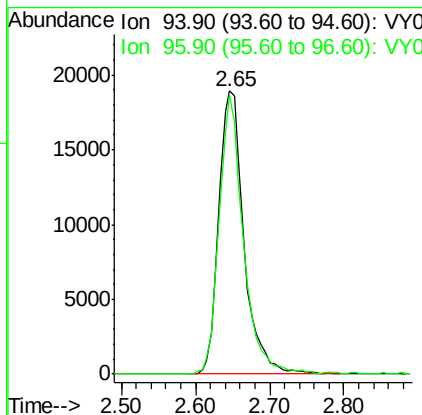
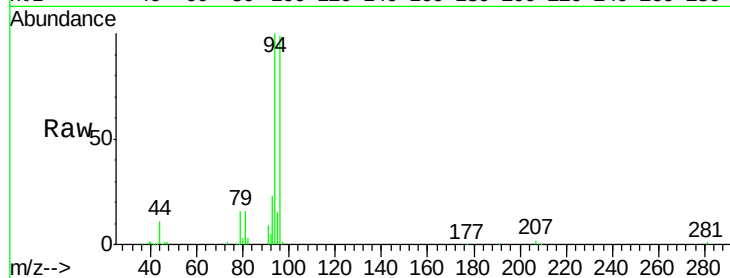
94 100

96 98.3 74.9 112.3

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#6

Chloroethane

Concen: 19.166 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002620.D

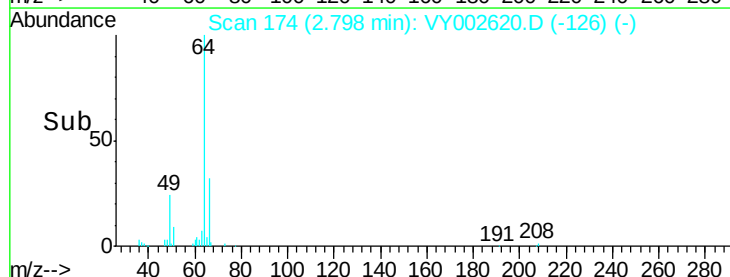
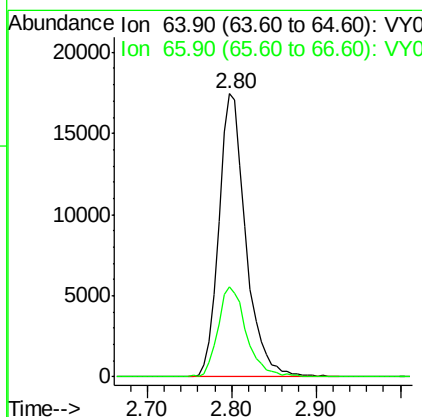
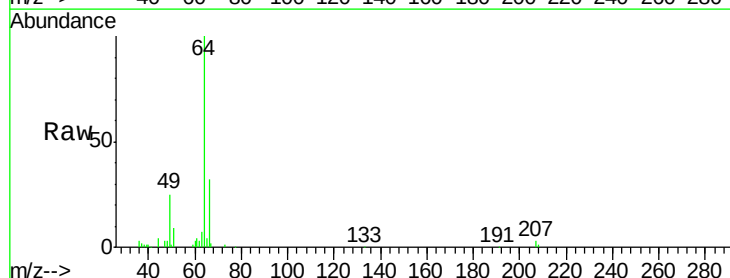
Acq: 07 May 2020 11:03

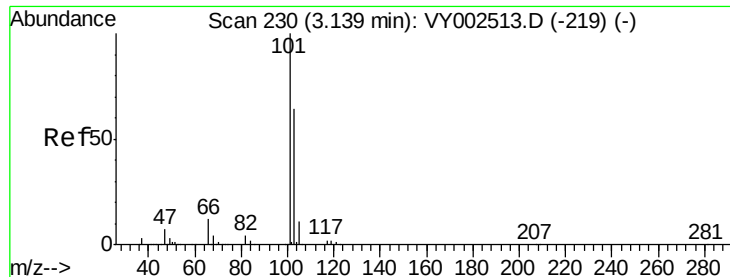
Tgt Ion: 64 Resp: 38419

Ion Ratio Lower Upper

64 100

66 31.8 26.3 39.5





#7

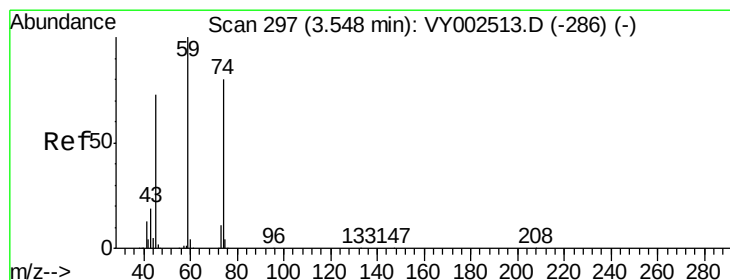
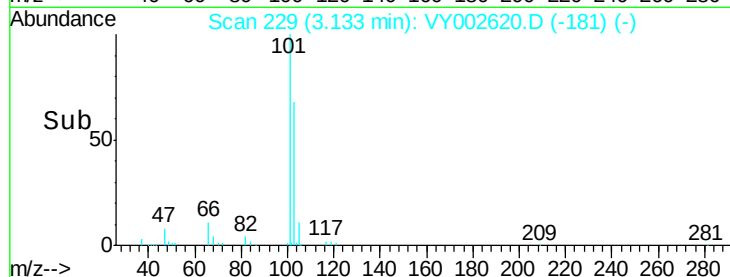
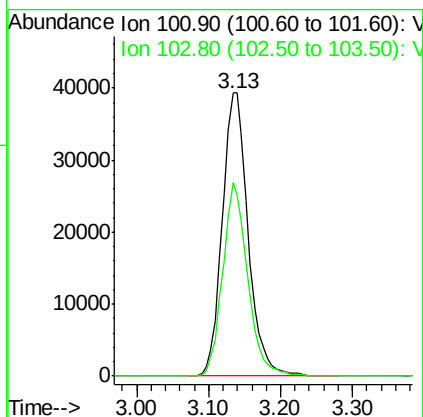
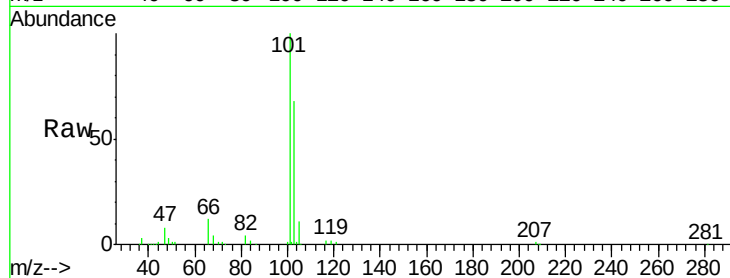
Trichlorofluoromethane
Concen: 18.876 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	98215		
103	68.5	51.4	77.0	

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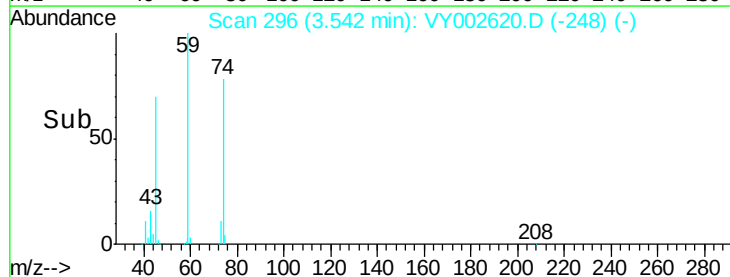
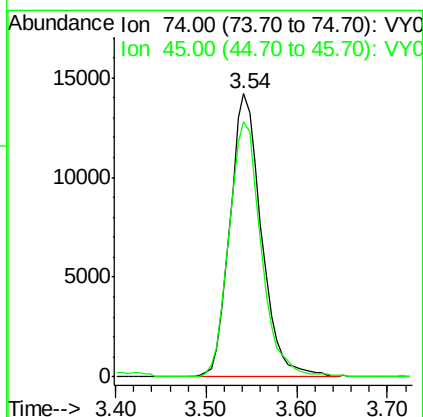
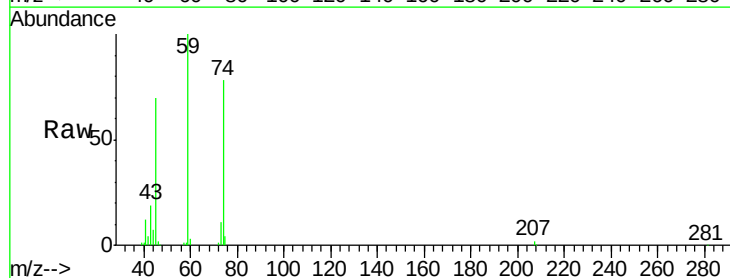
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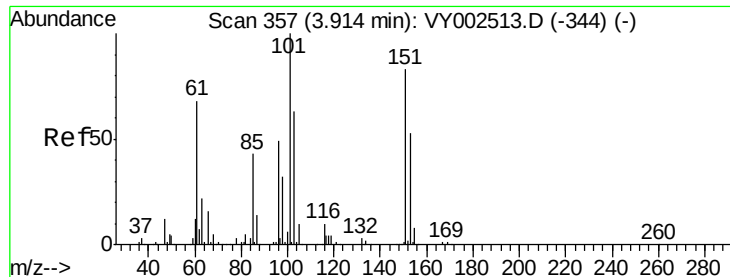


#8

Diethyl Ether
Concen: 19.575 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY002620.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	34227		
45	92.2	46.2	138.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.445 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

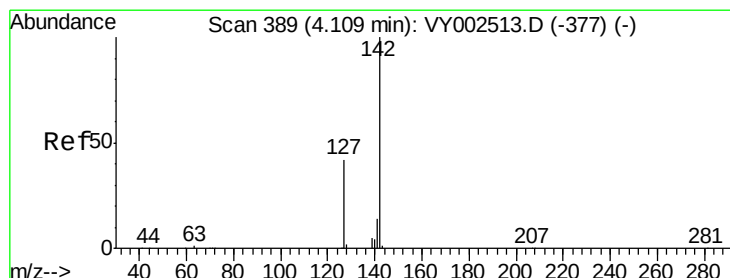
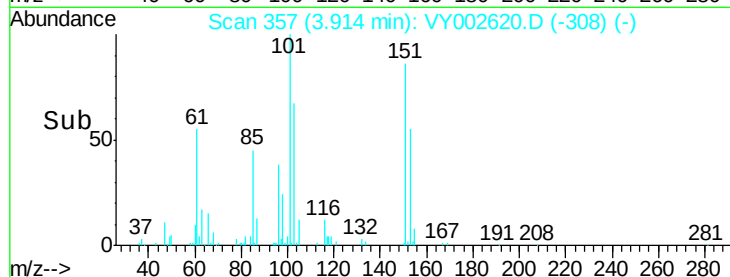
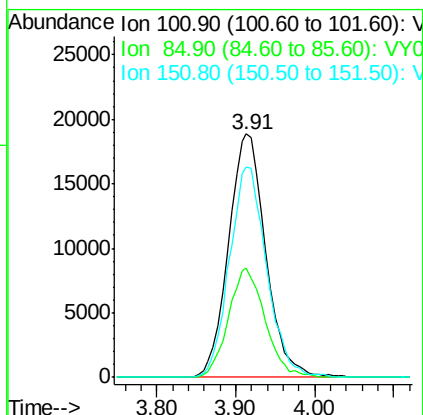
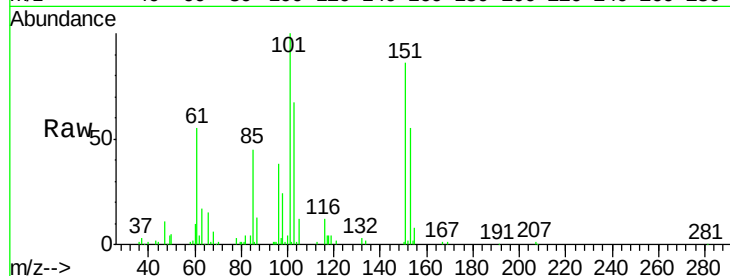
ClientSampleId :

VY0507SBS01

Tot Ion:	101	Resp:	61834
Ion Ratio	Lower	Upper	
101	100		
85	44.2	33.4	50.2
151	86.5	66.8	100.2

Manual Integrations
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#10

Methyl Iodide

Concen: 17.812 ug/l

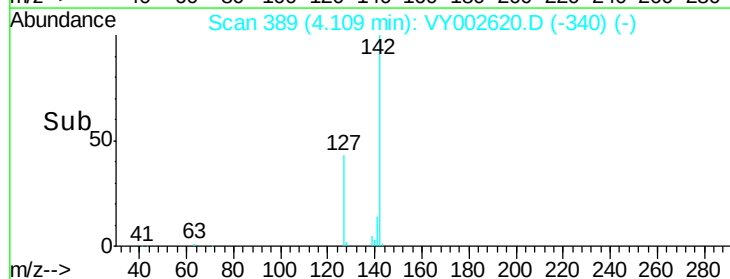
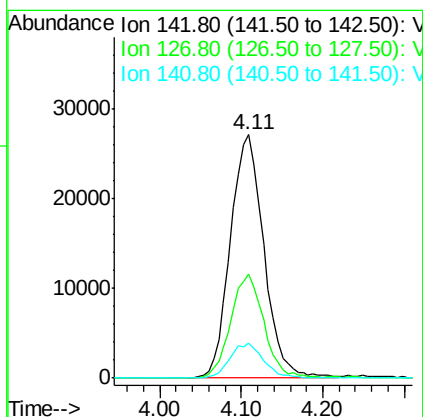
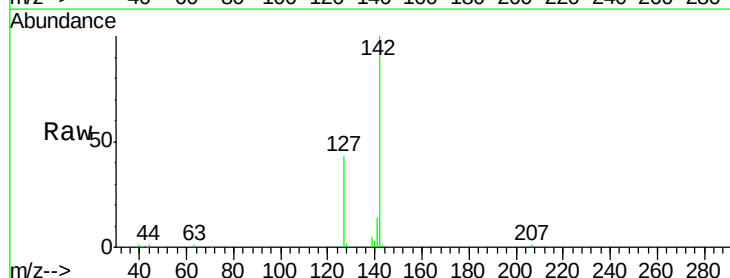
RT: 4.11 min Scan# 389

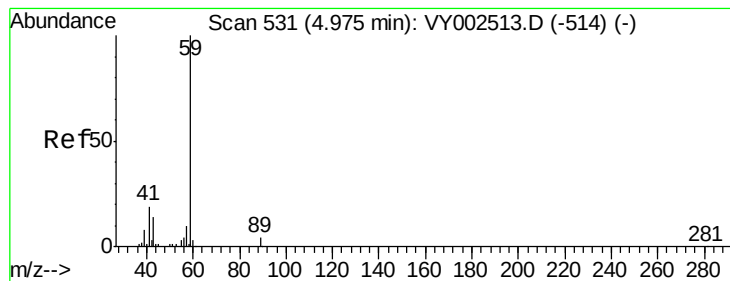
Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Tgt Ion:	142	Resp:	77169
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.7	50.5
141	14.2	11.4	17.0





#11

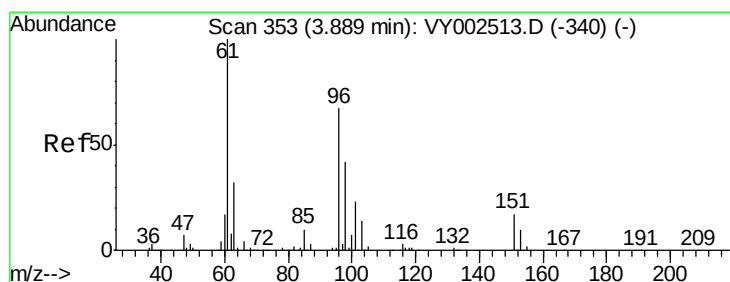
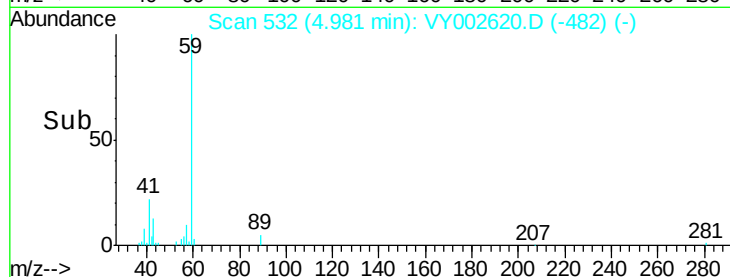
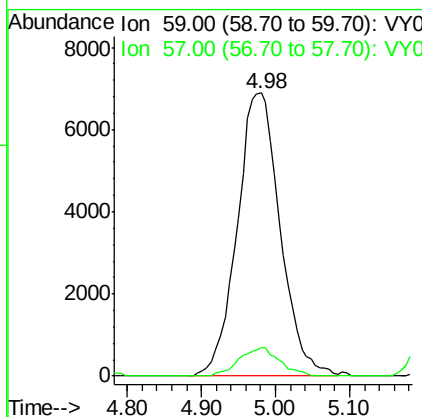
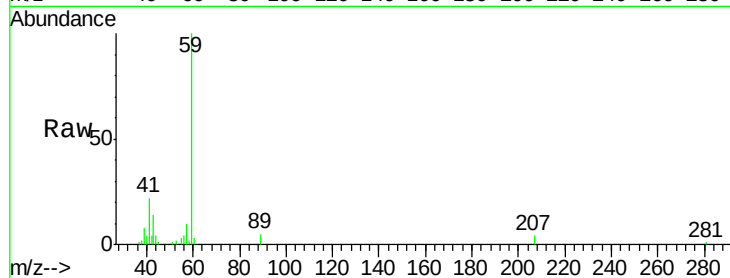
Tert butyl alcohol
 Concen: 89.810 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.8	11.6

Manual Integrations
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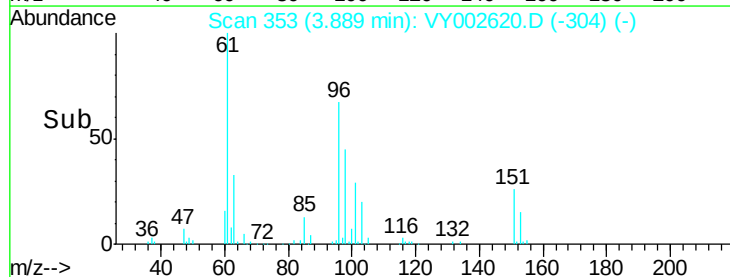
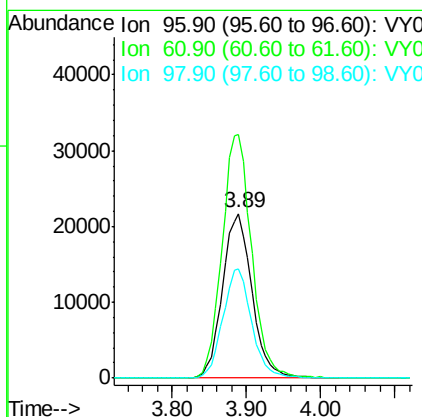
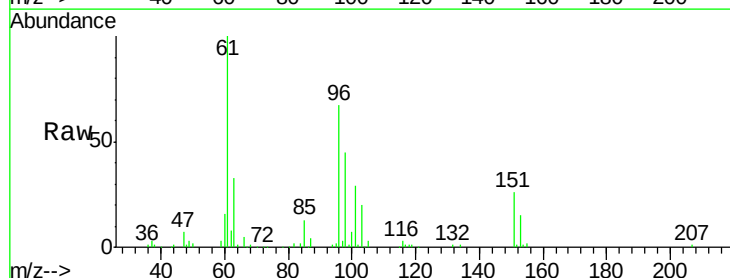
MMDadoda
 5/8/2020 1:23:42 PM

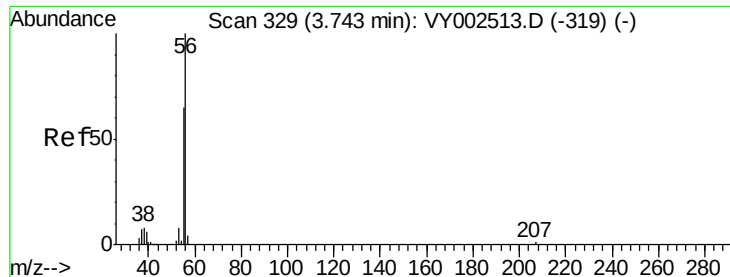


#12

1,1-Dichloroethene
 Concen: 19.362 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.2	118.8	178.2
98	66.8	49.6	74.4





#13

Acrolein

Concen: 78.928 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

Tot Ion: 56 Resp: 16943

Ion Ratio Lower Upper

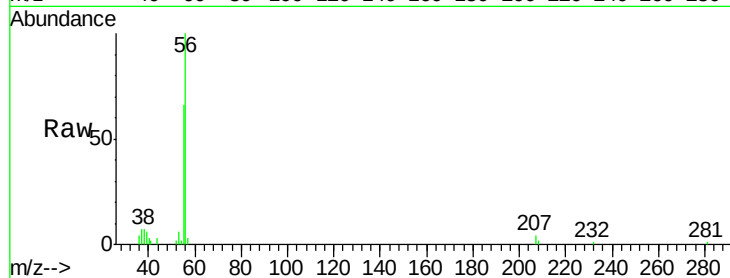
56 100

55 70.7 53.8 80.6

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

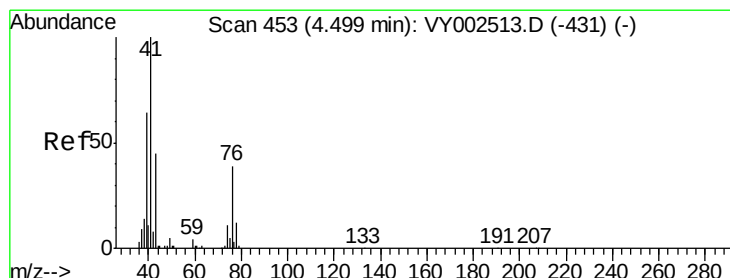
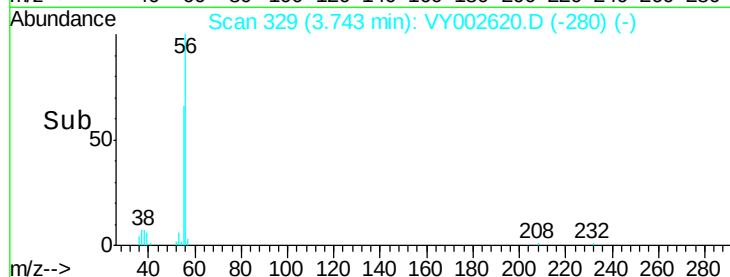
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 20.038 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

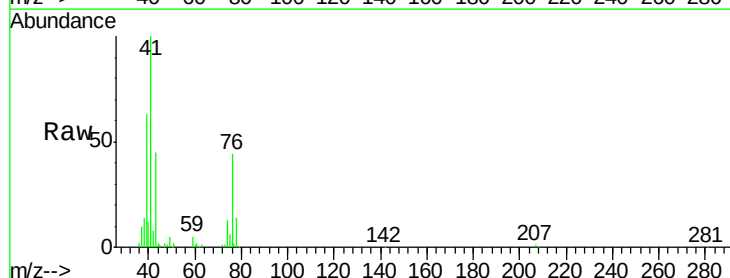
Tgt Ion: 41 Resp: 90191

Ion Ratio Lower Upper

41 100

39 62.1 51.8 77.6

76 40.6 31.7 47.5



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.50

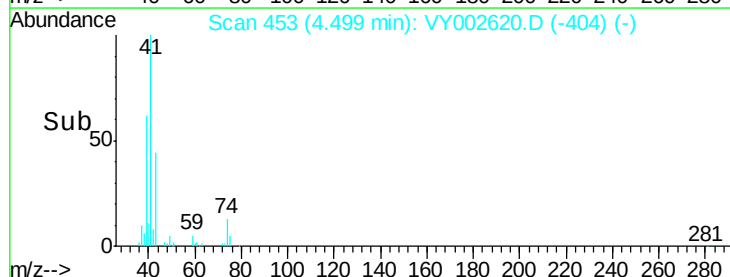
30000

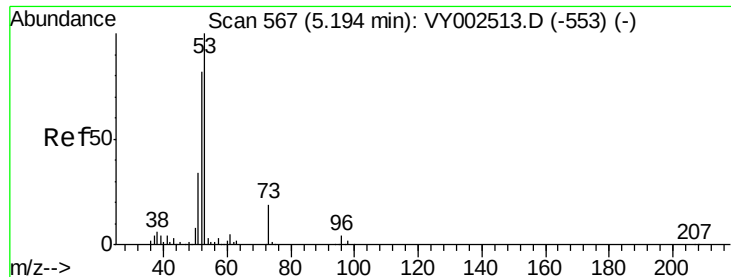
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 99.920 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

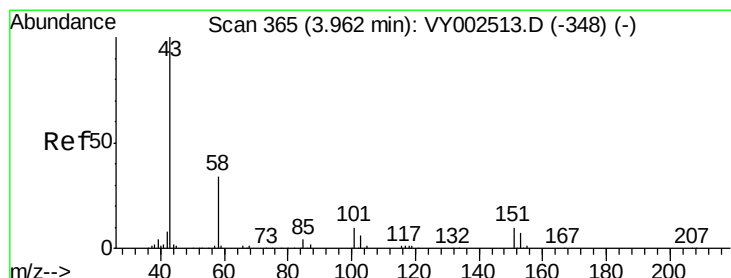
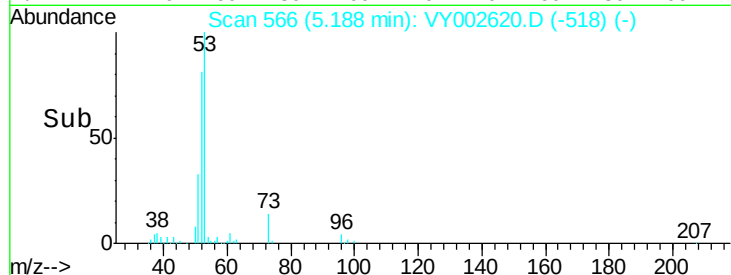
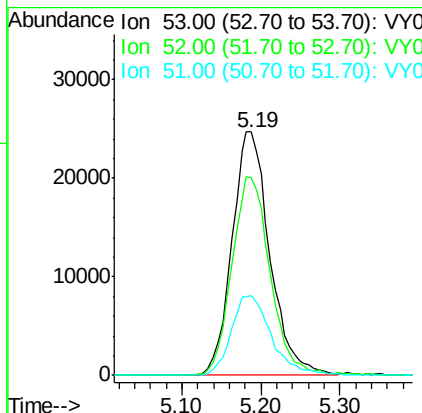
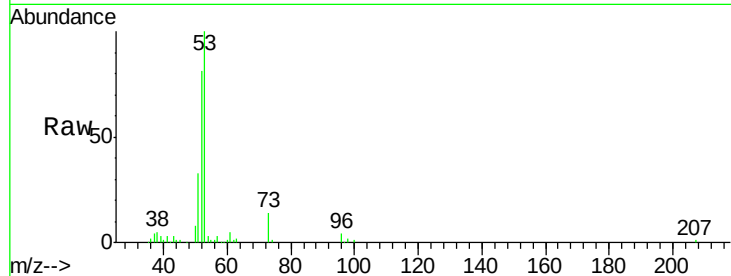
ClientSampleId :

VY0507SBS01

Tot Ion:	53	Resp:	82390
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.4	98.0
51	34.6	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 90.758 ug/l

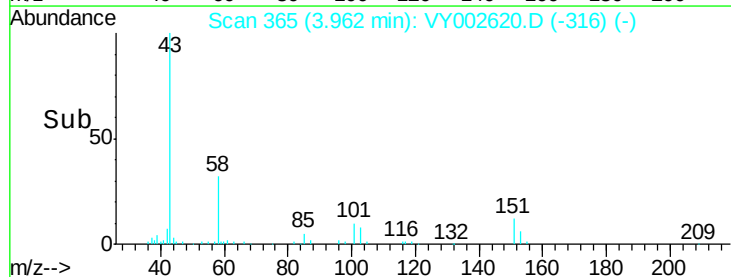
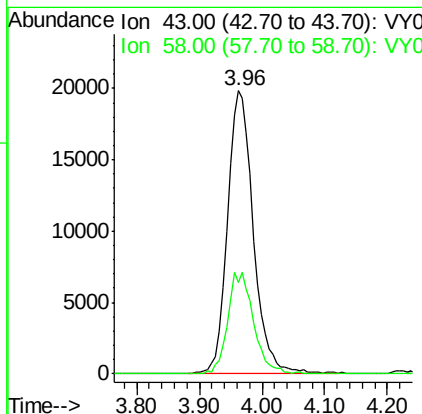
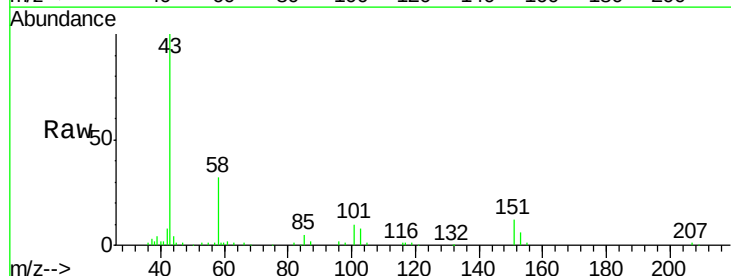
RT: 3.96 min Scan# 365

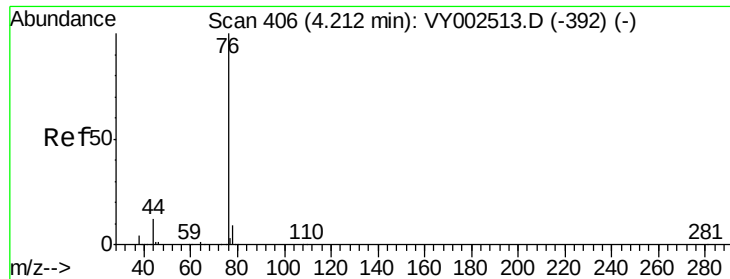
Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Tgt Ion:	43	Resp:	56516
Ion	Ratio	Lower	Upper
43	100		
58	32.3	26.9	40.3





#17

Carbon Disulfide

Concen: 17.748 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

Tot Ion: 76 Resp: 164945

Ion Ratio Lower Upper

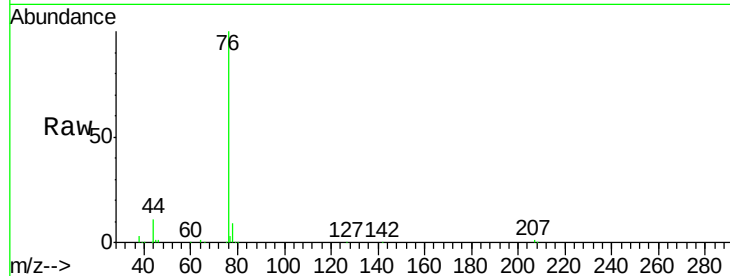
76 100

78 9.2 7.4 11.2

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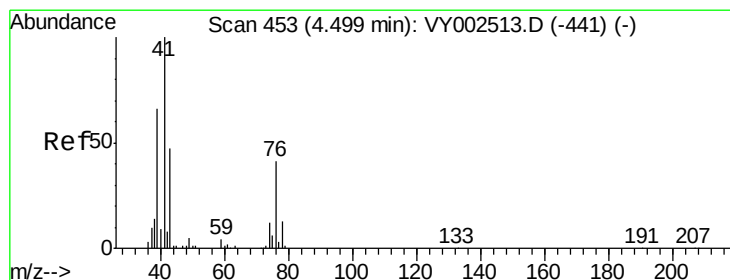
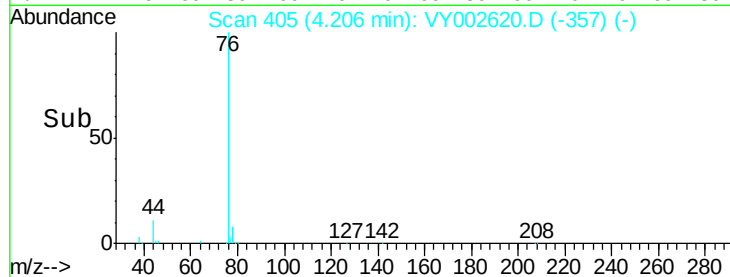
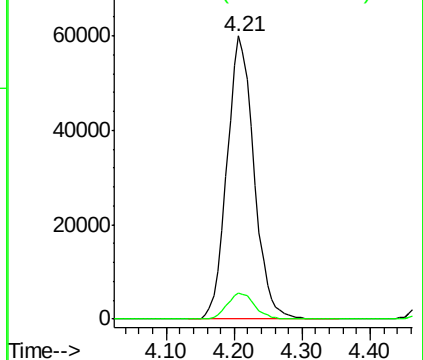
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.137 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002620.D

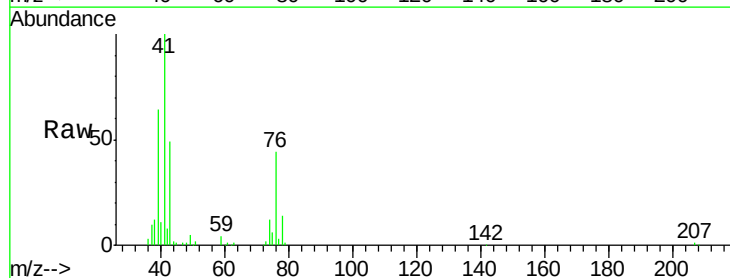
Acq: 07 May 2020 11:03

Tgt Ion: 43 Resp: 39817

Ion Ratio Lower Upper

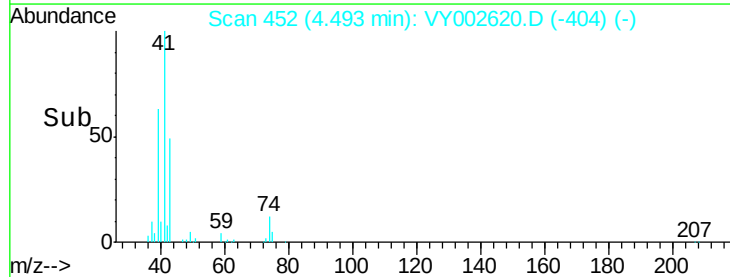
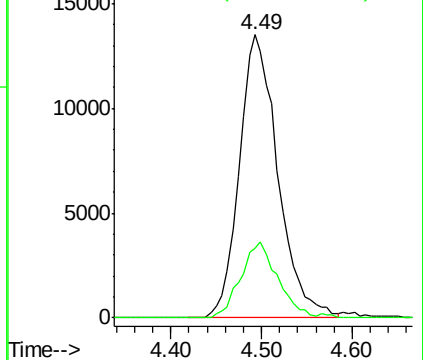
43 100

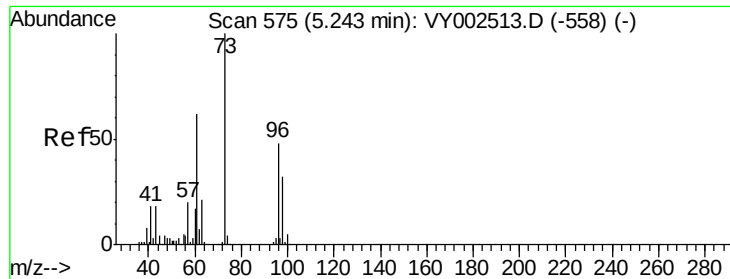
74 25.6 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





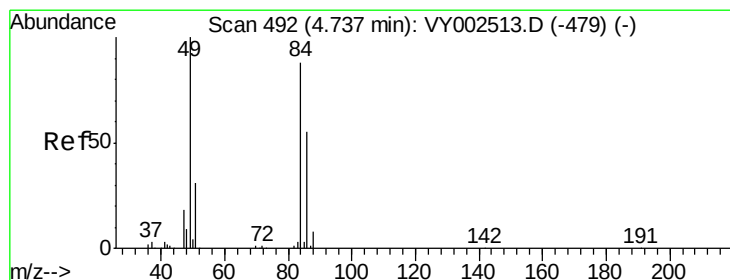
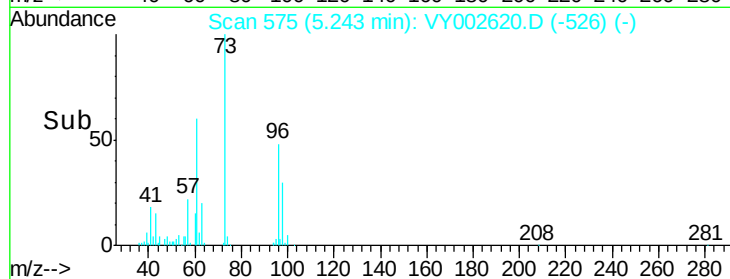
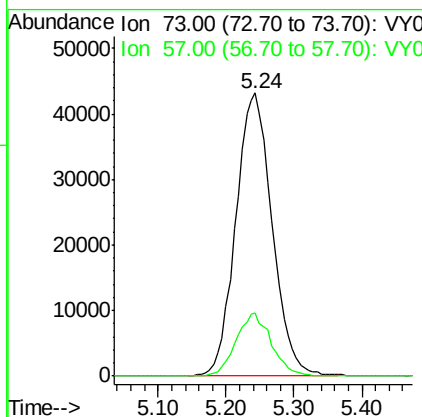
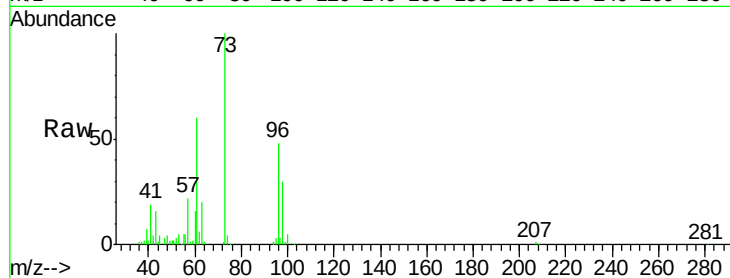
#19
Methyl tert-butyl Ether
Concen: 19.890 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	16.3	24.5

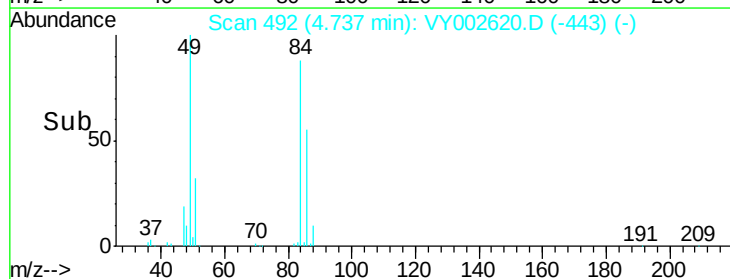
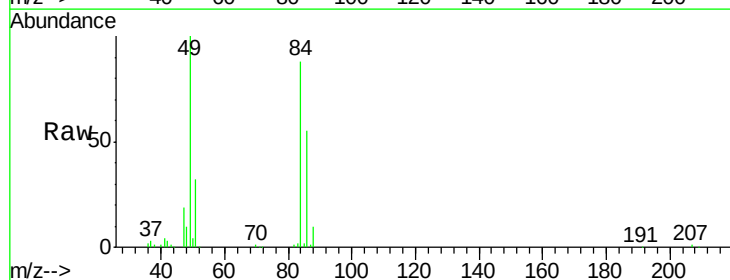
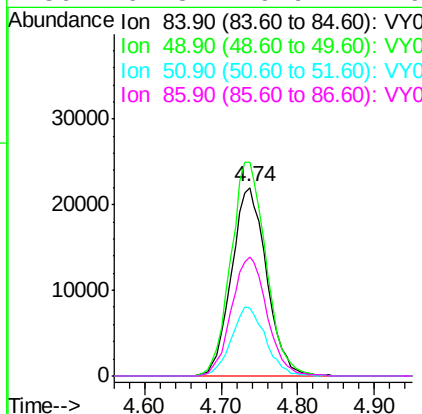
Manual Integrations
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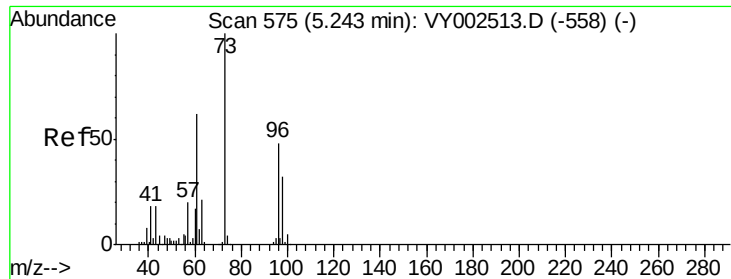
MMDadoda
5/8/2020 1:23:42 PM



#20
Methylene Chloride
Concen: 20.047 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.2	90.5	135.7
51	35.9	28.3	42.5
86	62.8	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 19.985 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

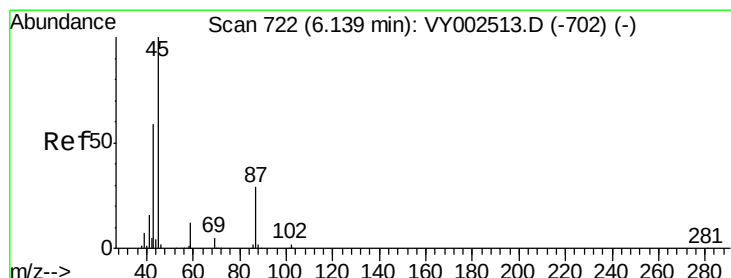
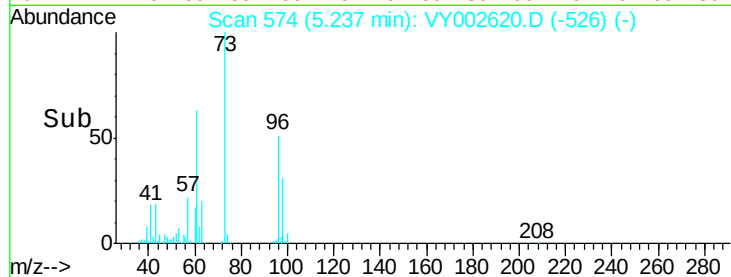
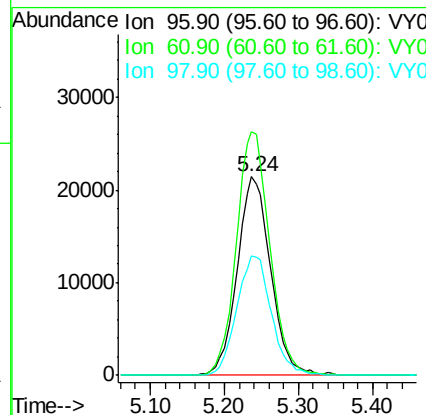
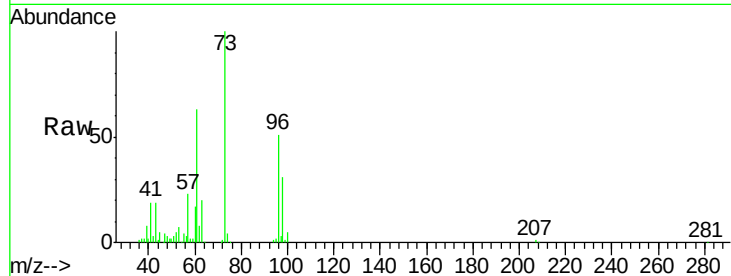
ClientSampleId :

VY0507SBS01

Tot Ion:	96	Resp:	67478
Ion	Ratio	Lower	Upper
96	100		
61	122.8	102.0	153.0
98	60.1	53.0	79.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.984 ug/l

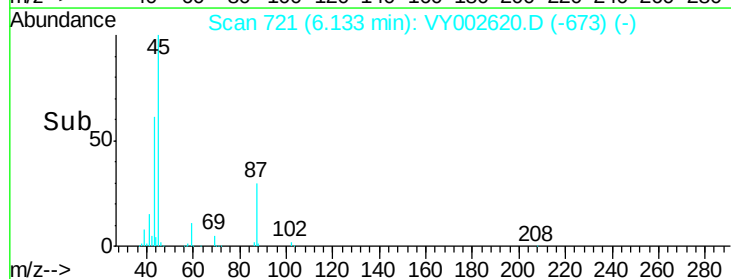
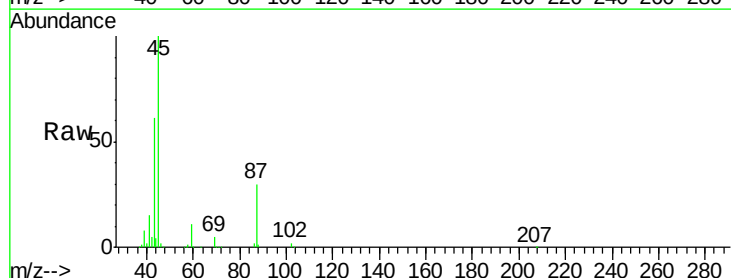
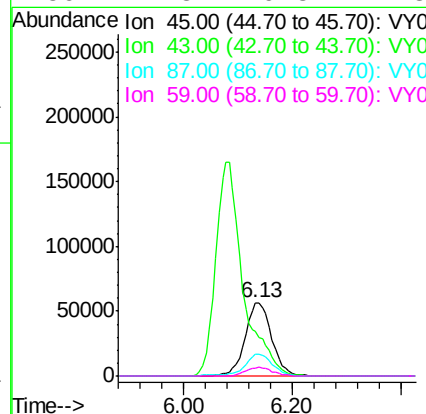
RT: 6.13 min Scan# 721

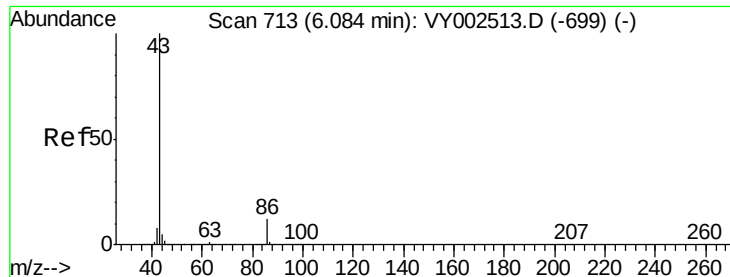
Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Tgt Ion:	45	Resp:	191106
Ion	Ratio	Lower	Upper
45	100		
43	60.8	47.4	71.0
87	30.0	24.0	36.0
59	11.3	9.8	14.8





#23

Vinyl Acetate

Concen: 99.775 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

Tot Ion: 43 Resp: 571468

Ion Ratio Lower Upper

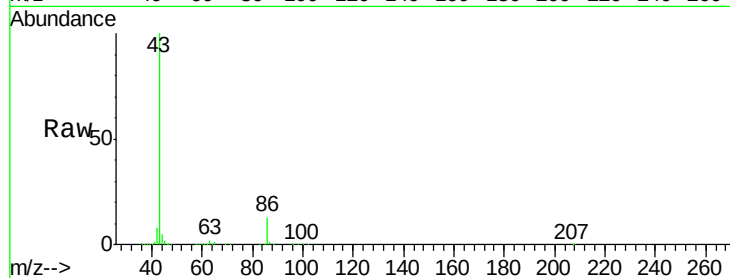
43 100

86 12.6 9.8 14.6

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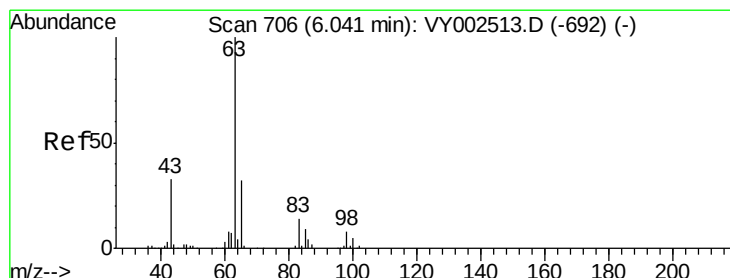
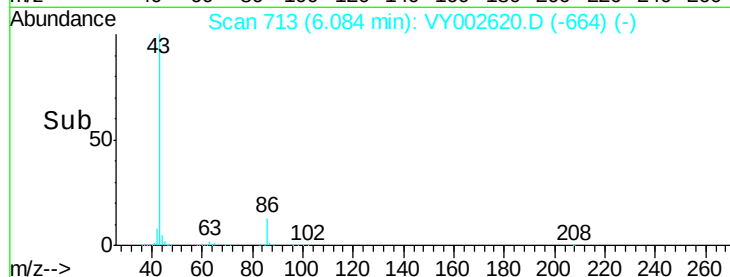
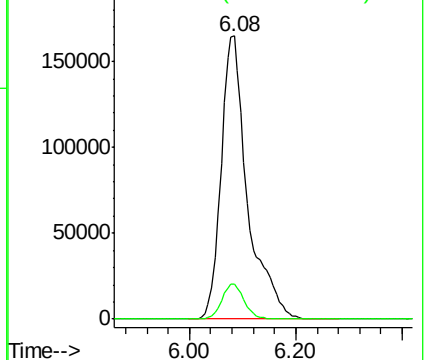
MMDadoda

5/8/2020 1:23:42 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.442 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

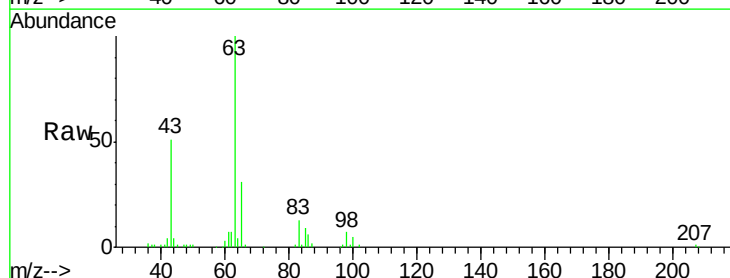
Tgt Ion: 63 Resp: 110137

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

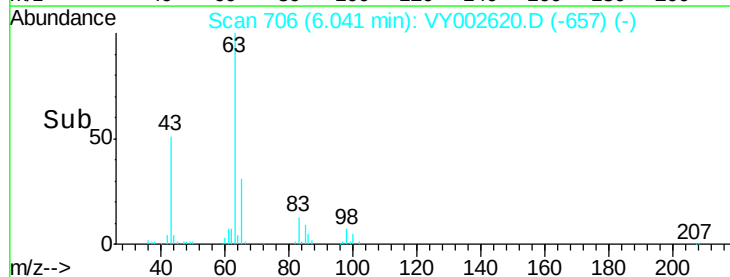
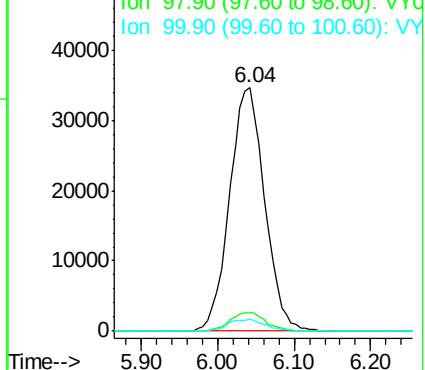
100 5.0 2.4 7.2

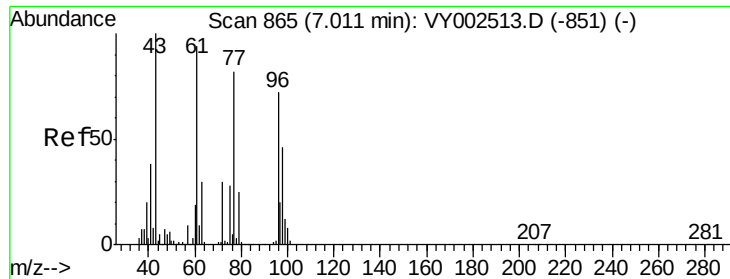


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 94.684 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

Tot Ion: 43 Resp: 96515

Ion Ratio Lower Upper

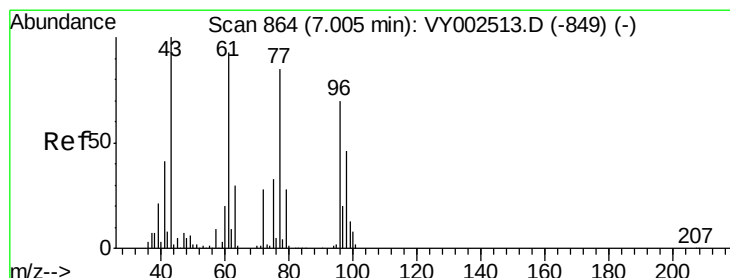
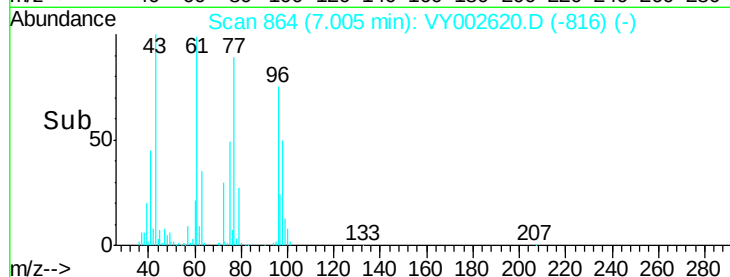
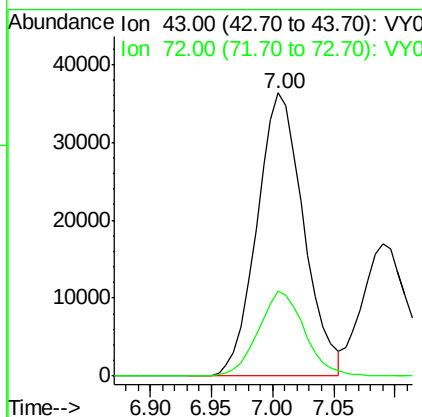
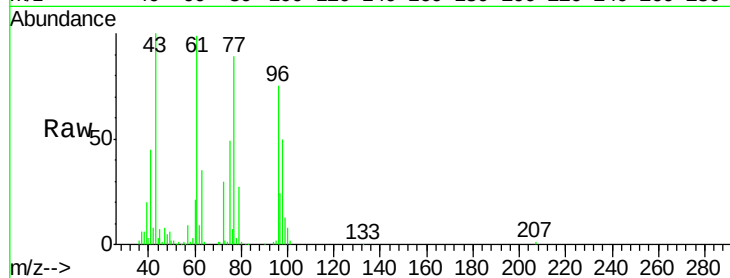
43 100

72 30.2 24.1 36.1

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 19.899 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002620.D

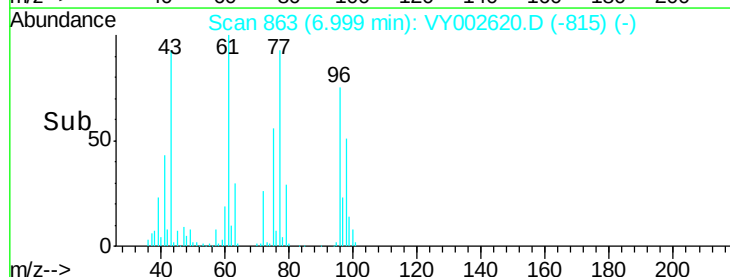
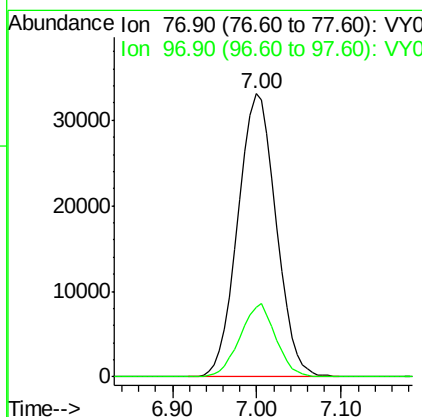
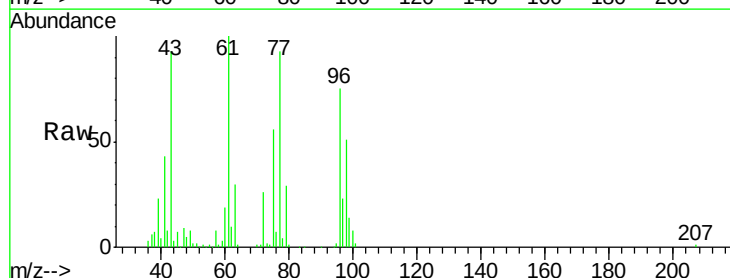
Acq: 07 May 2020 11:03

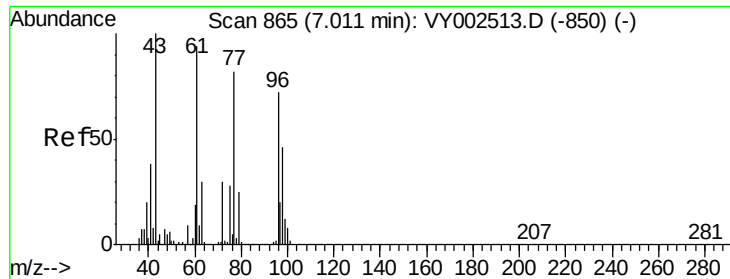
Tgt Ion: 77 Resp: 101910

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.5





#27

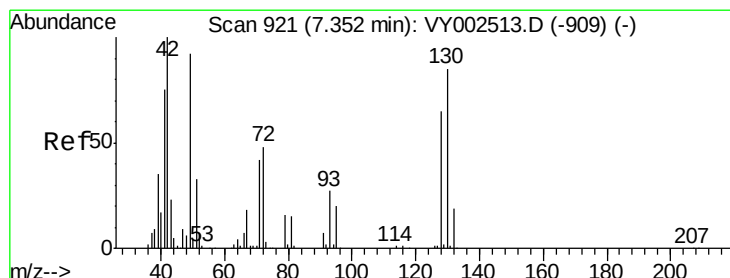
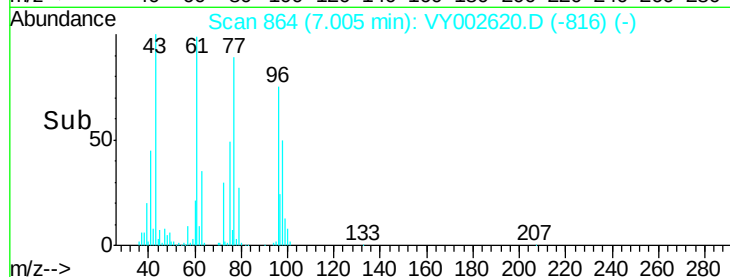
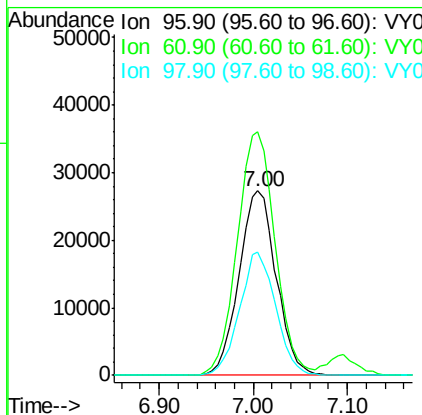
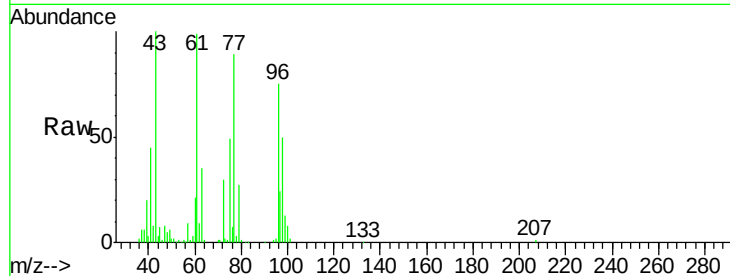
cis-1,2-Dichloroethene
Concen: 20.196 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	266.6
98	64.8	0.0	129.2

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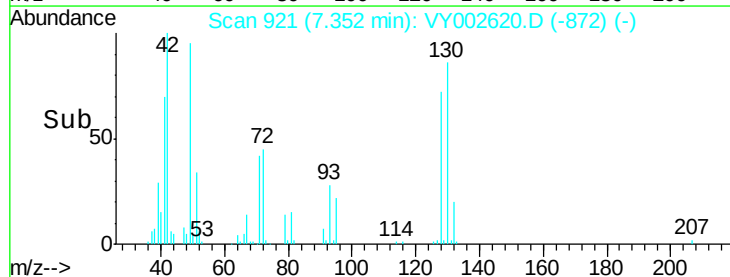
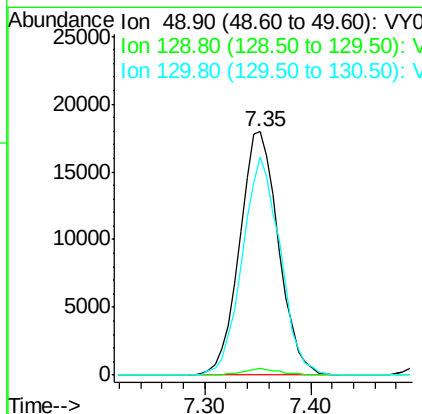
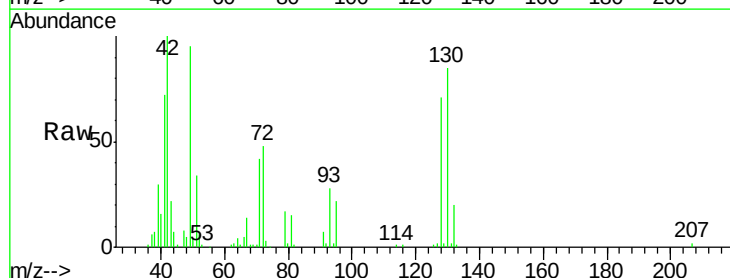
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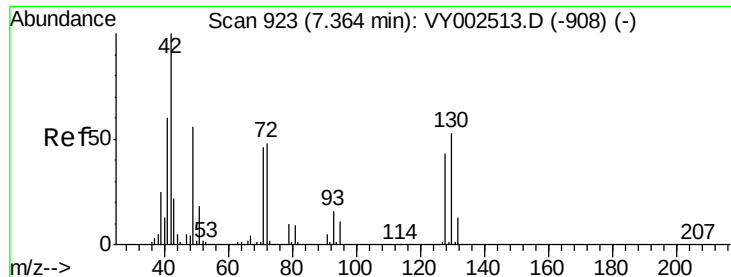


#28

Bromochloromethane
Concen: 20.881 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	87.3	72.5	108.7





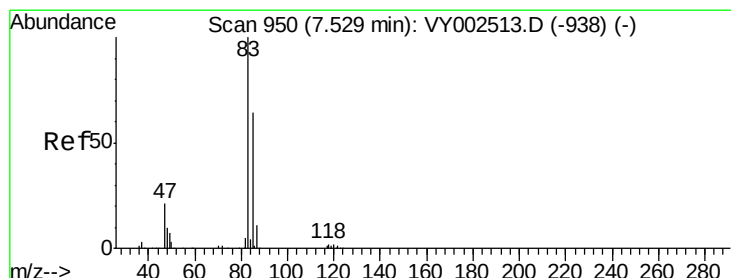
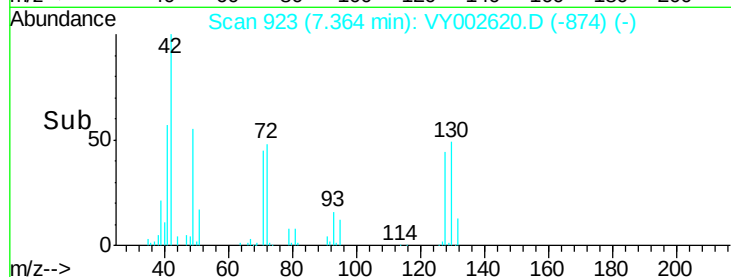
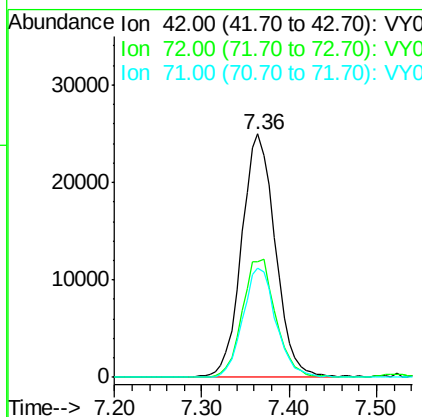
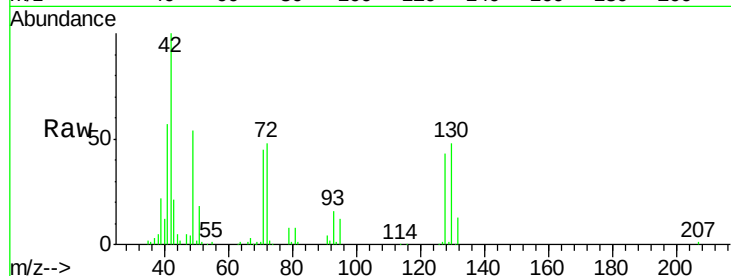
#29
Tetrahydrofuran
Concen: 99.418 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.1	37.4	56.2
71	44.1	35.0	52.4

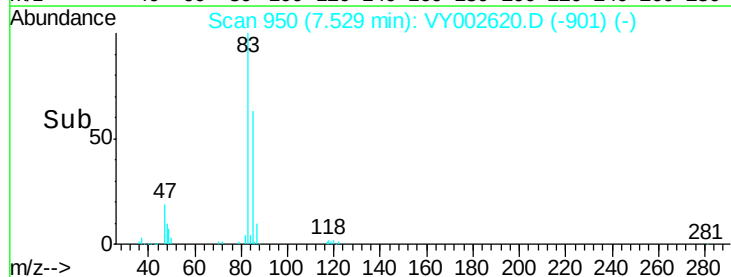
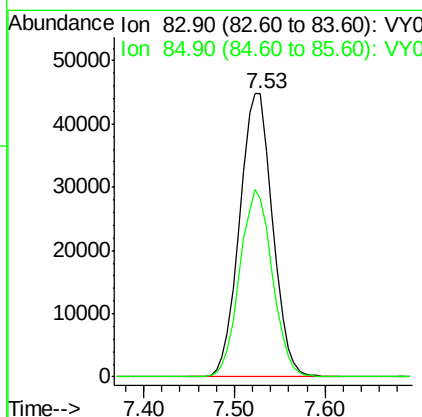
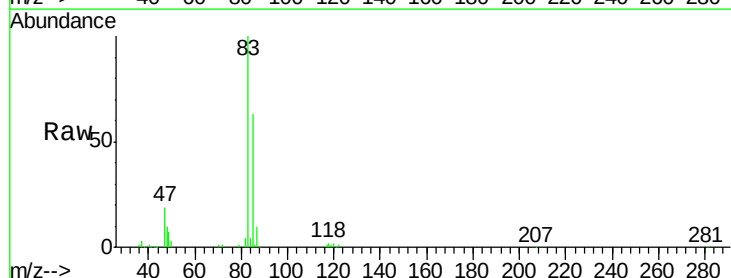
Manual Integrations
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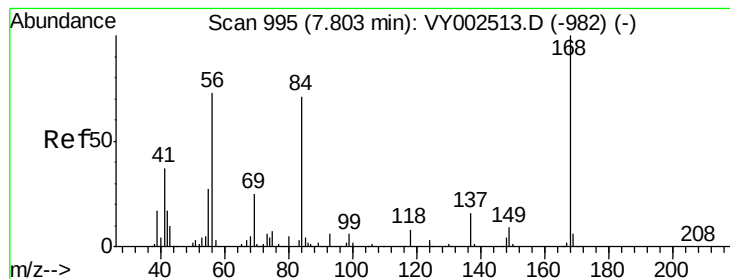
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#30
Chloroform
Concen: 20.214 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.5	77.3





#31

Cyclohexane

Concen: 19.055 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

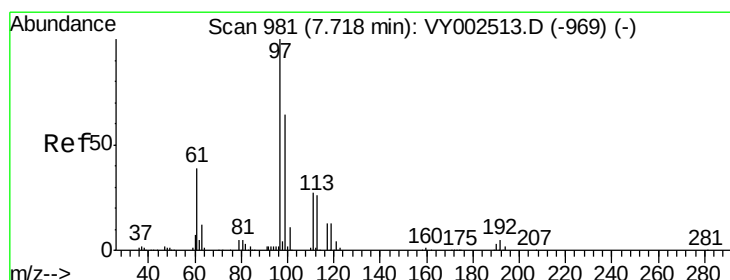
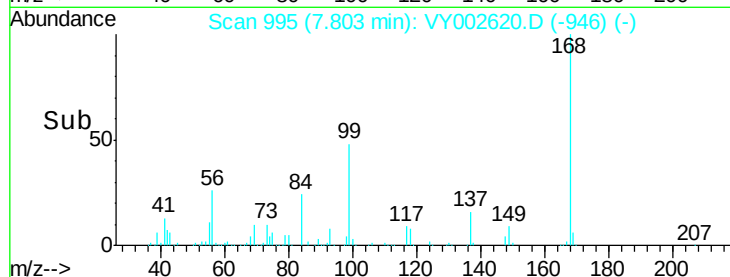
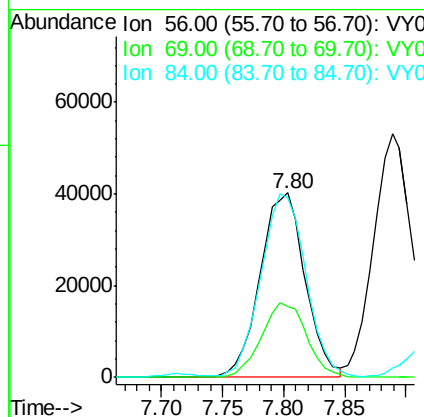
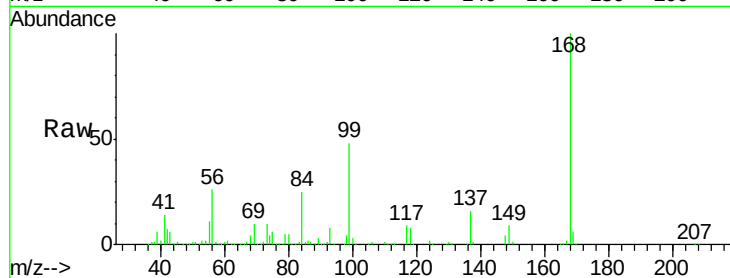
ClientSampleId :

VY0507SBS01

Tot Ion:	56	Resp:	103340
Ion	Ratio	Lower	Upper
56	100		
69	38.7	27.6	41.4
84	95.4	77.7	116.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.955 ug/l

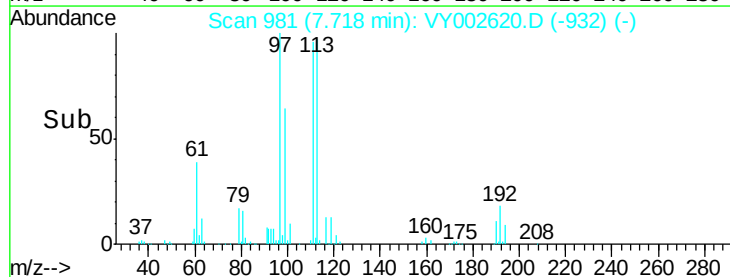
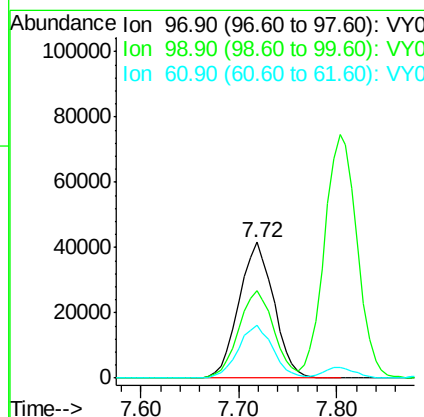
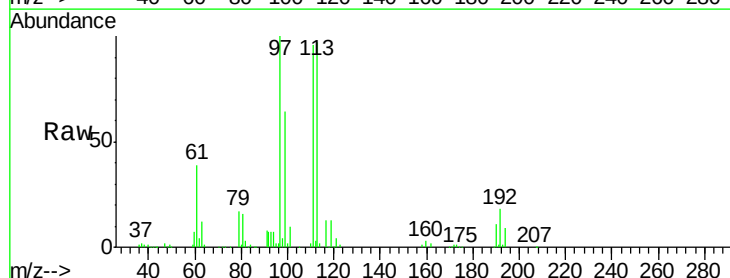
RT: 7.72 min Scan# 981

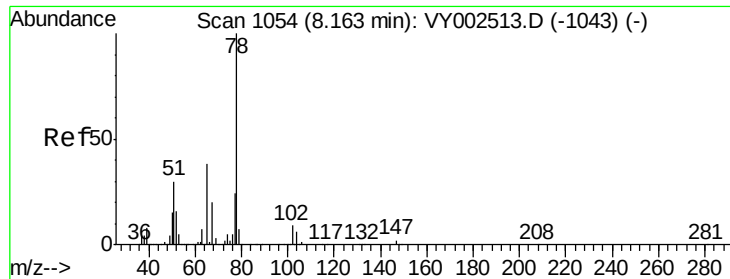
Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Tgt Ion:	97	Resp:	103908
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.9	77.9
61	38.6	31.0	46.6





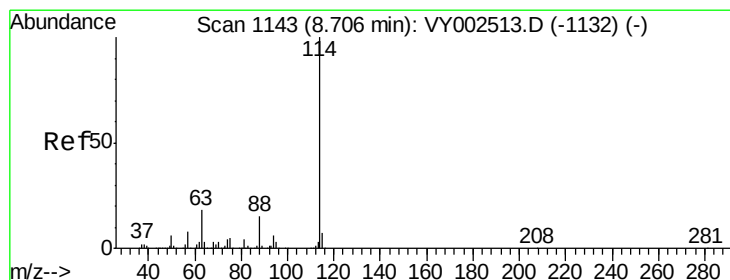
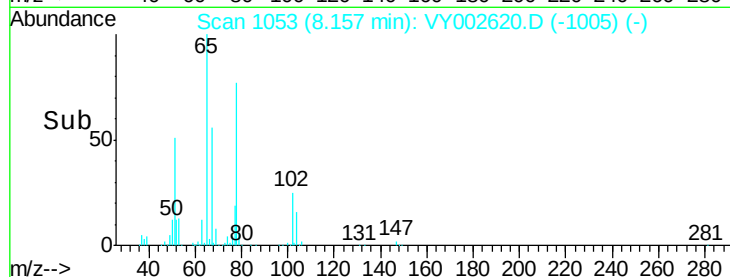
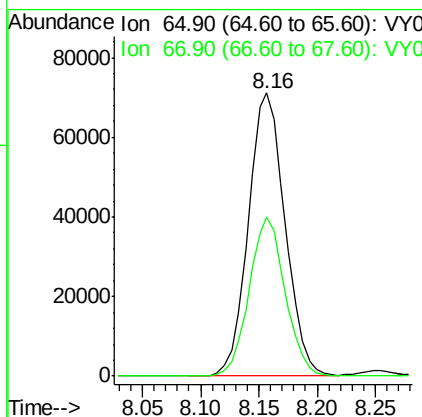
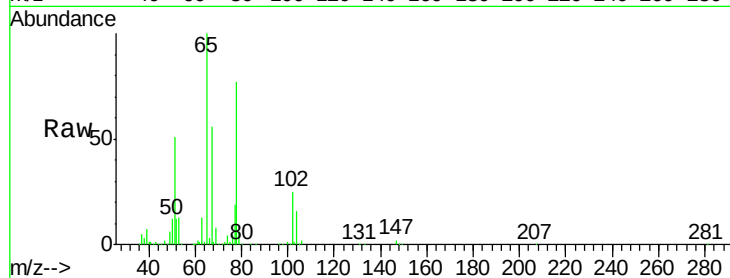
#33
 1,2-Dichloroethane-d4
 Concen: 51.565 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.9	0.0	107.2	

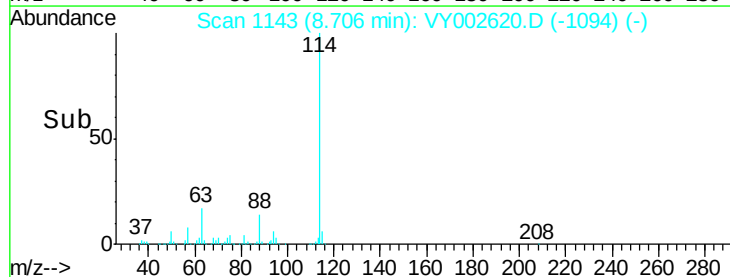
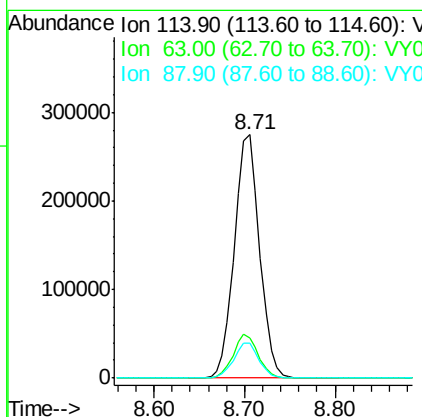
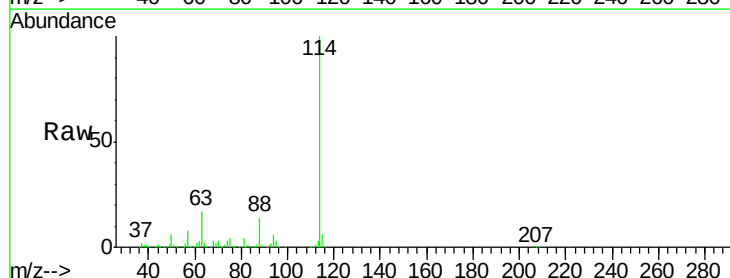
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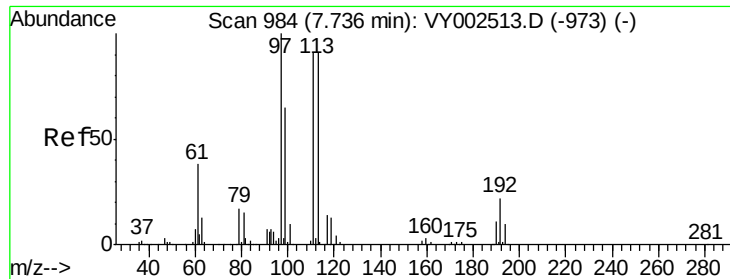
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	16.5	0.0	36.4	
88	14.2	0.0	29.6	





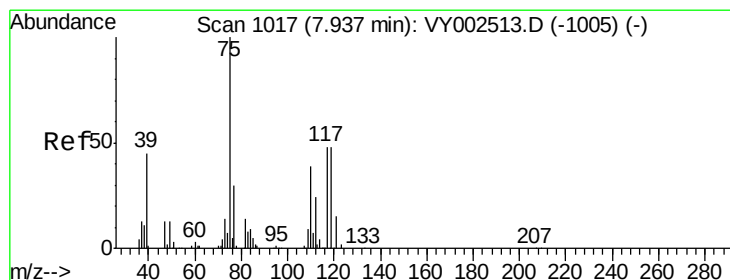
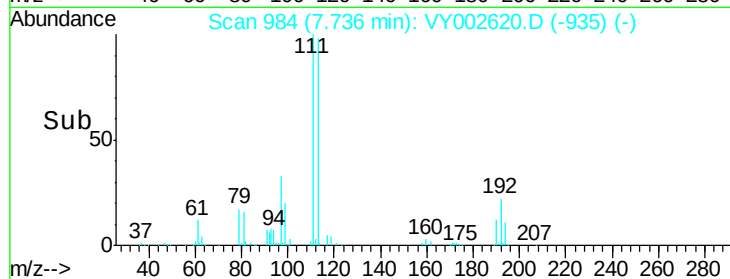
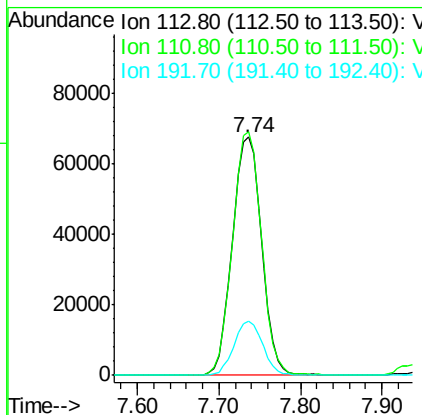
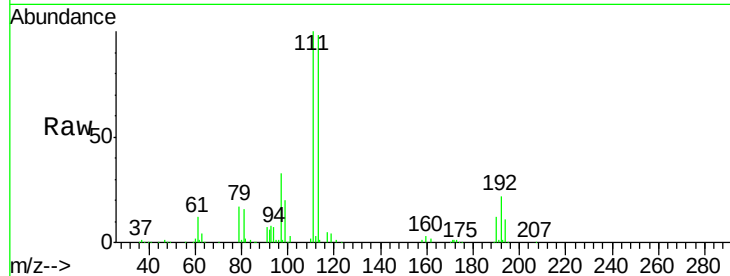
#35
Dibromofluoromethane
Concen: 55.293 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.8	122.6
192	22.4	18.2	27.4

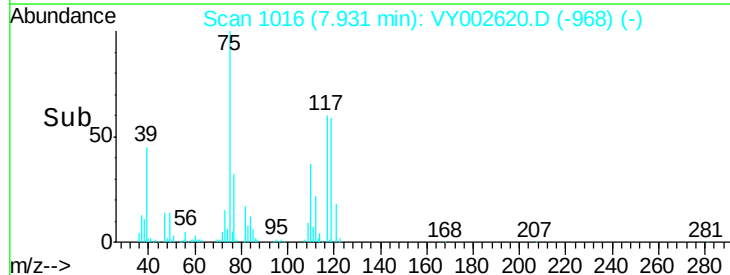
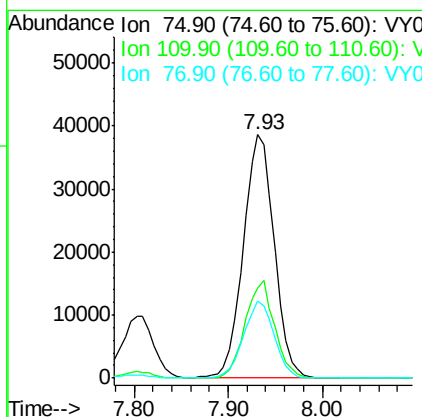
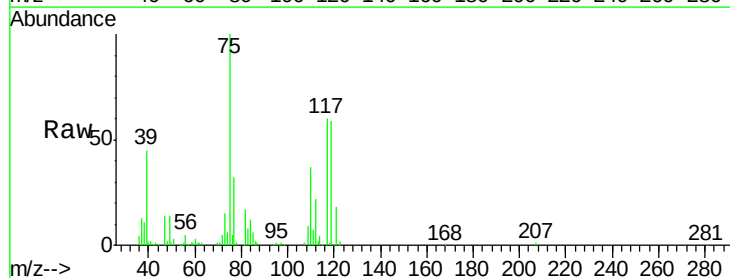
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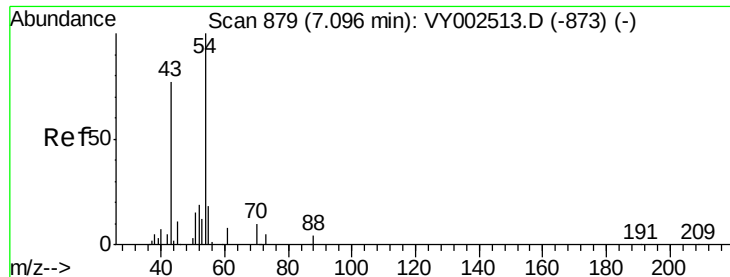
MMDadoda
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#36
1,1-Dichloropropene
Concen: 19.891 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	19.1	57.3
77	31.4	24.6	37.0





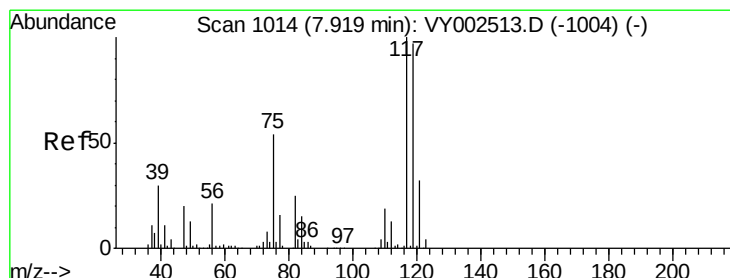
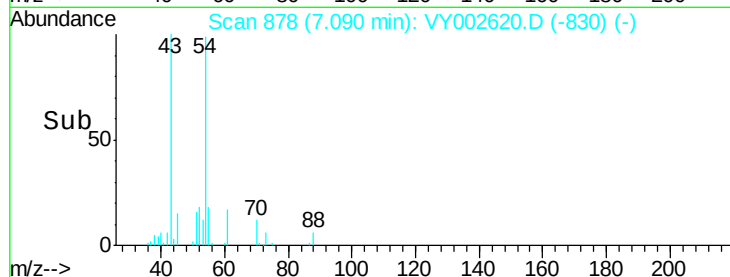
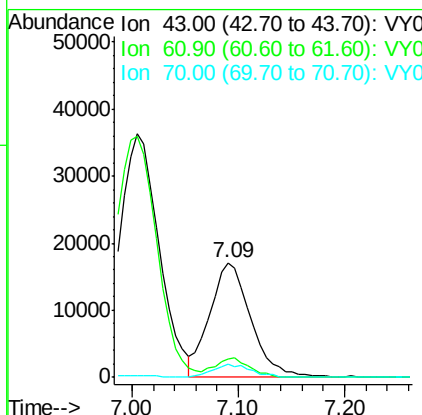
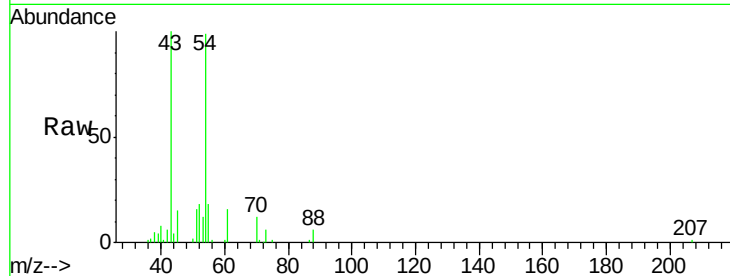
#37
Ethyl Acetate
Concen: 19.858 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.6	17.4
70	10.9	9.0	13.6

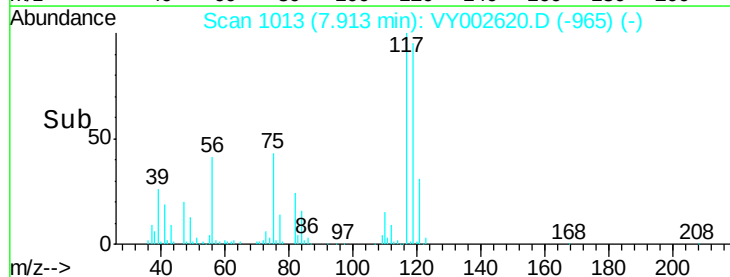
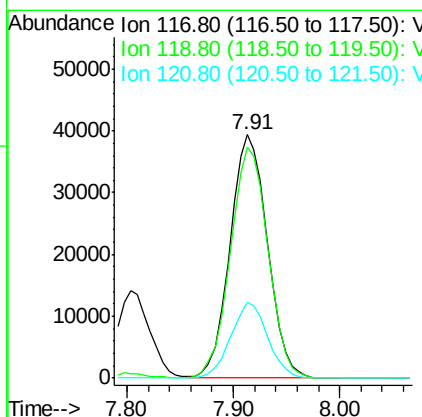
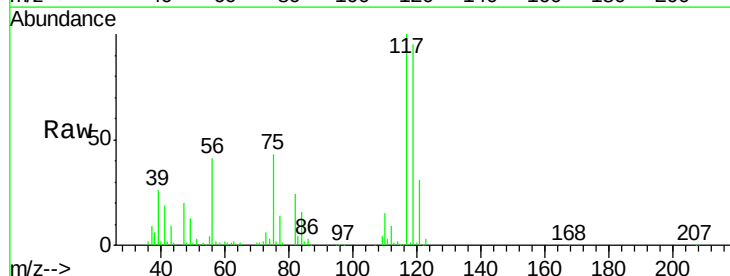
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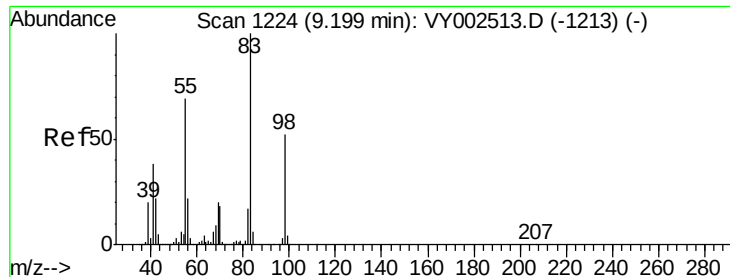
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#38
Carbon Tetrachloride
Concen: 20.000 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.1	115.7
121	31.2	25.2	37.8





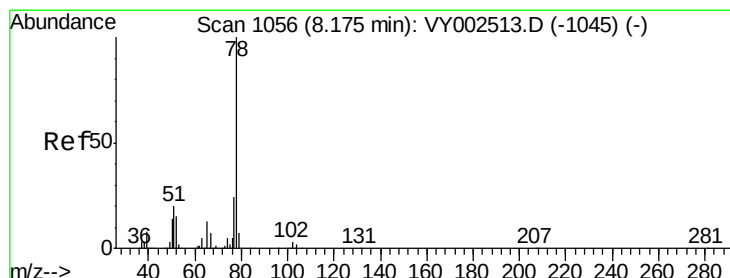
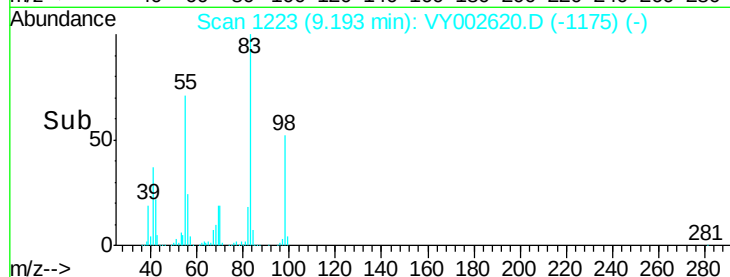
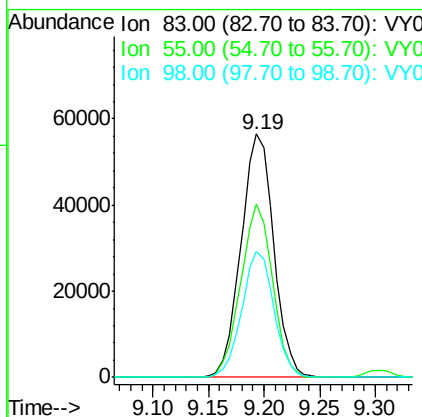
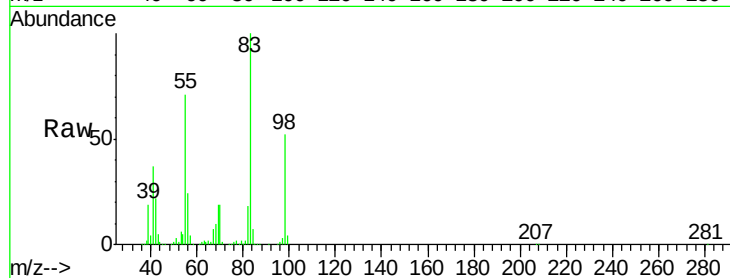
#39
Methylvlcyclohexane
Concen: 19.677 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.2	55.4	83.0
98	51.8	41.3	61.9

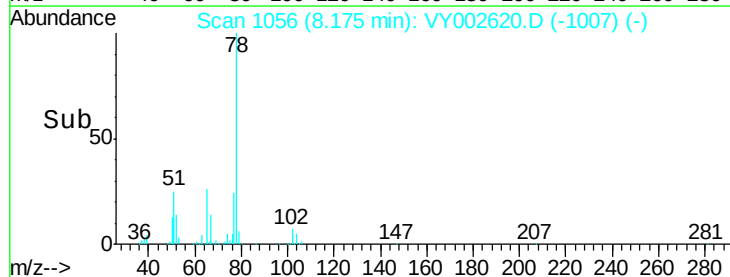
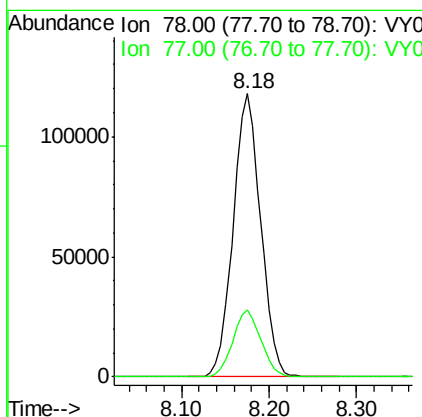
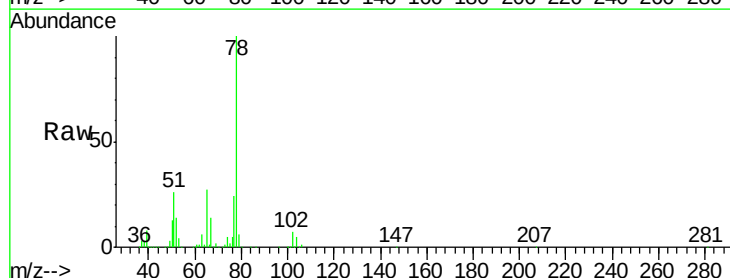
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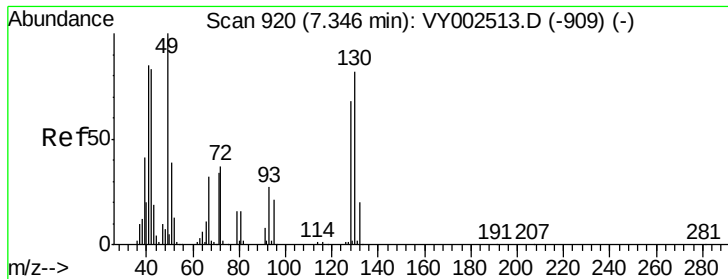
MMDadoda
5/8/2020 1:23:42 PM



#40
Benzene
Concen: 20.147 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8





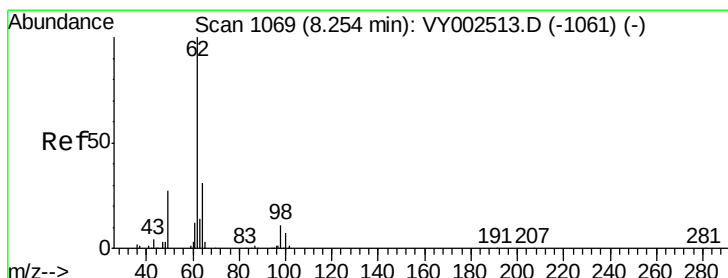
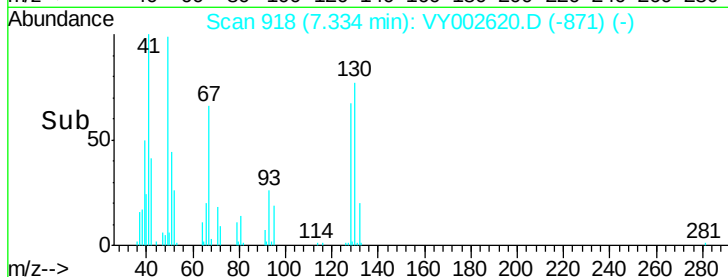
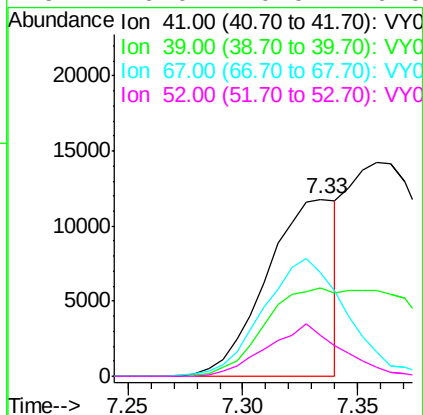
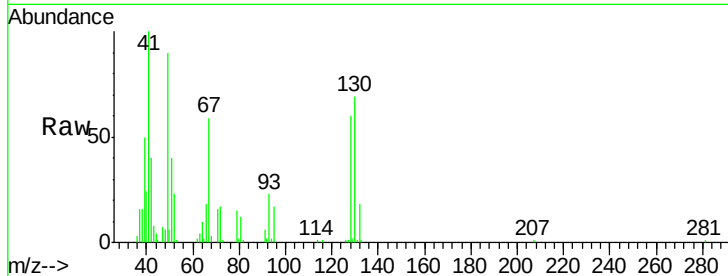
#41
Methacrylonitrile
Concen: 20.426 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion	41	Resp	25034
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

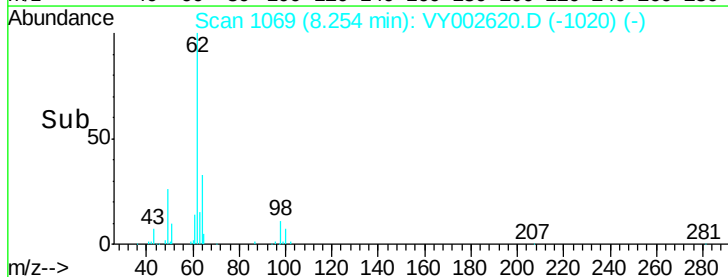
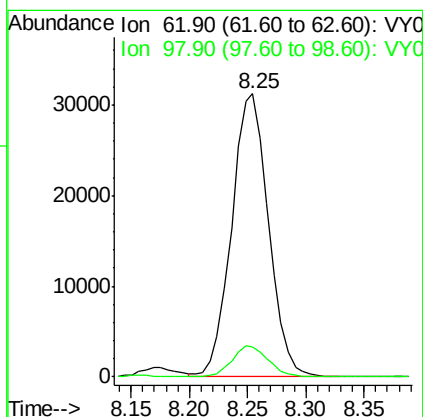
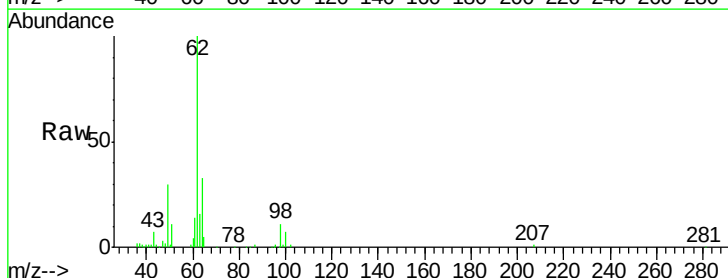
Manual Integrations
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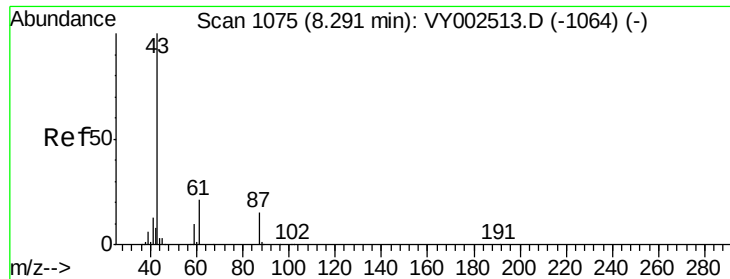
MMDadoda
5/8/2020 1:23:42 PM



#42
1,2-Dichloroethane
Concen: 19.142 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion	62	Resp	68790
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.0





#43

Isopropyl Acetate

Concen: 20.045 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

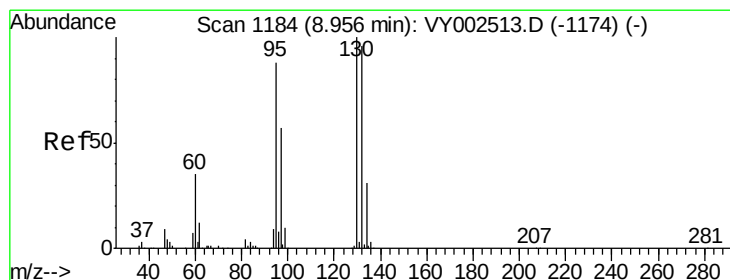
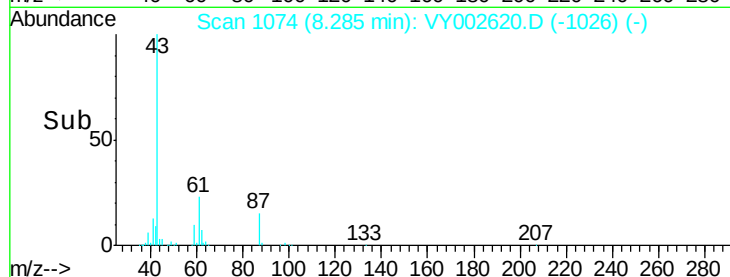
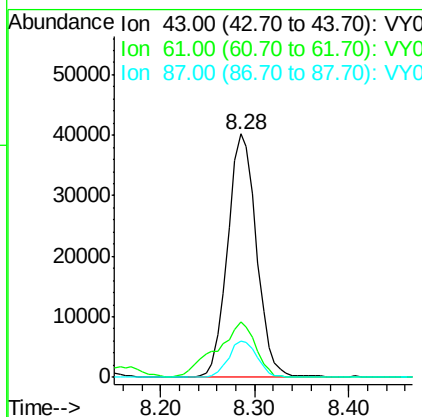
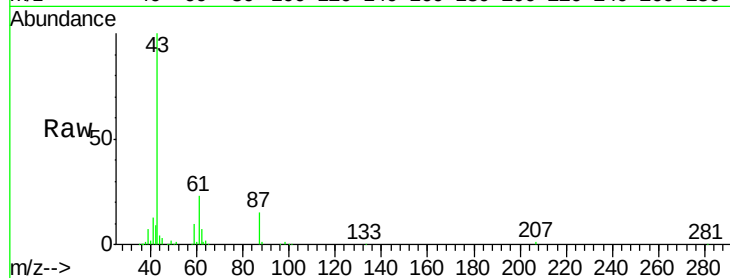
ClientSampleId :

VY0507SBS01

Tot Ion:	43	Resp:	85658
Ion	Ratio	Lower	Upper
43	100		
61	30.9	24.8	37.2
87	15.0	12.2	18.2

Manual Integrations
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MMDadoda
5/8/2020 1:23:42 PM



#44

Trichloroethene

Concen: 20.755 ug/l

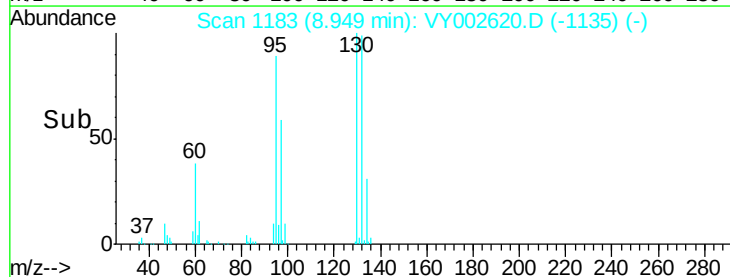
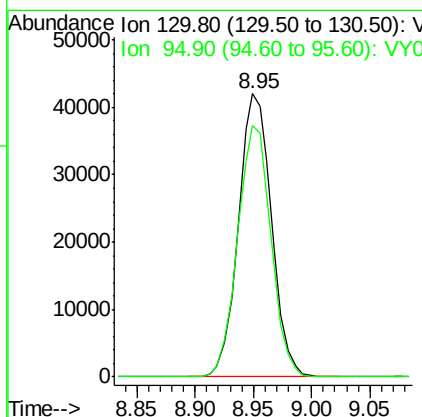
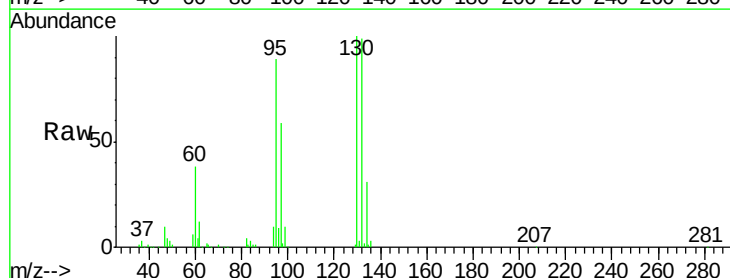
RT: 8.95 min Scan# 1183

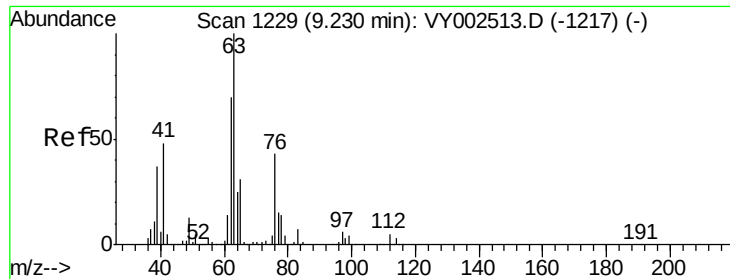
Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Tgt Ion:	130	Resp:	83099
Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	175.8





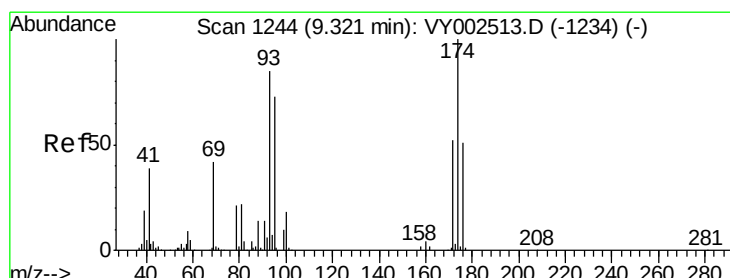
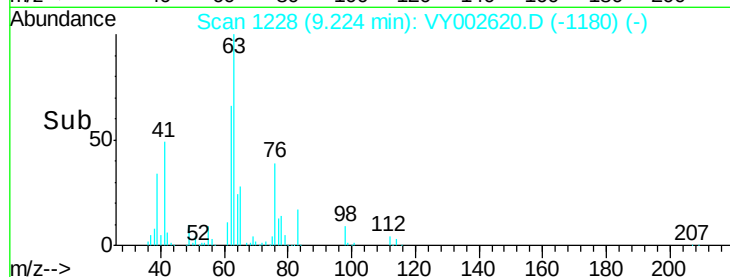
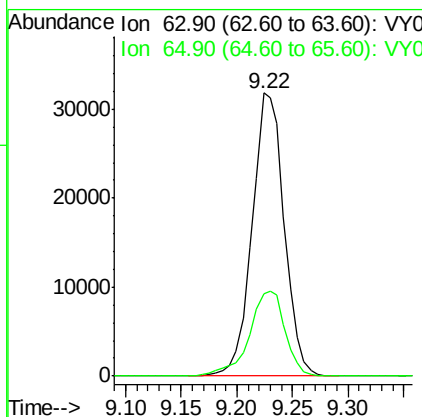
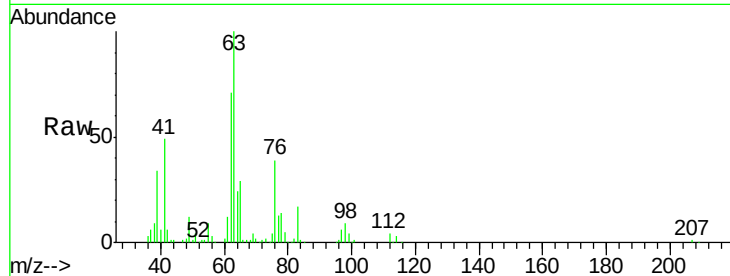
#45
 1,2-Dichloropropane
 Concen: 20.622 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.2	24.5	36.7

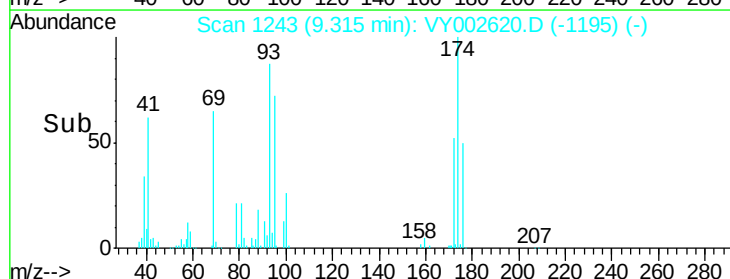
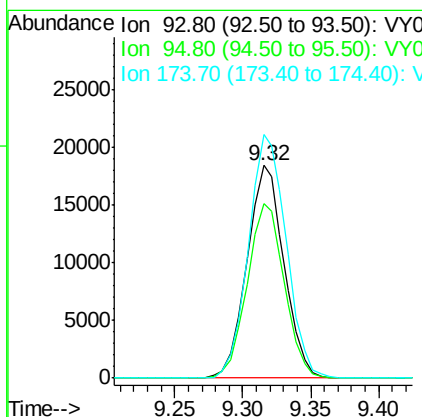
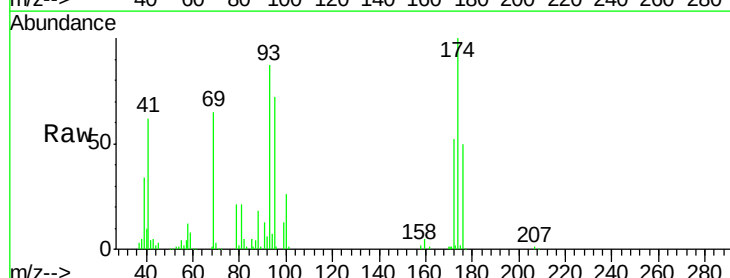
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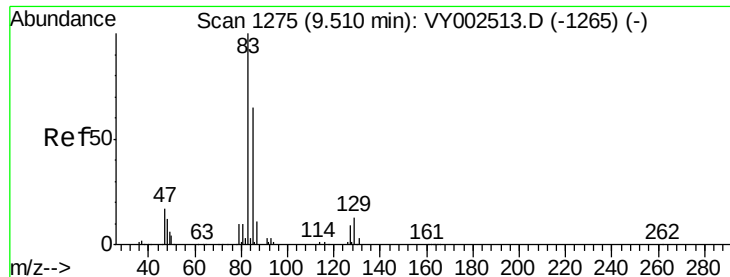
MMDadoda
 5/8/2020 1:23:42 PM



#46
 Dibromomethane
 Concen: 19.745 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	67.0	100.4
174	116.7	92.7	139.1





#47

Bromodichloromethane

Concen: 20.186 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

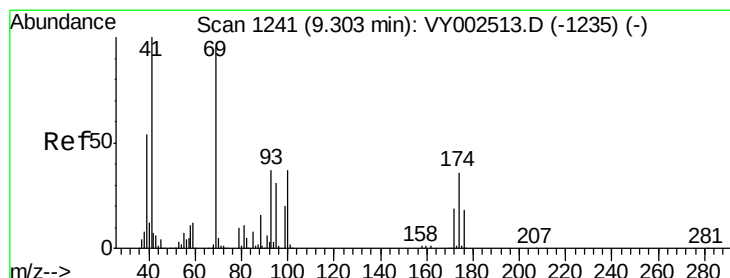
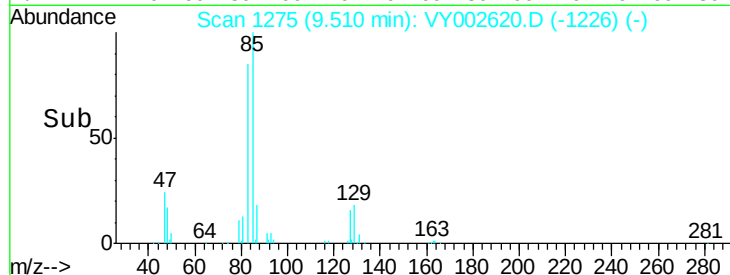
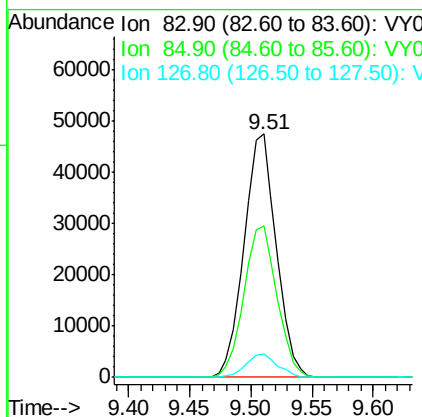
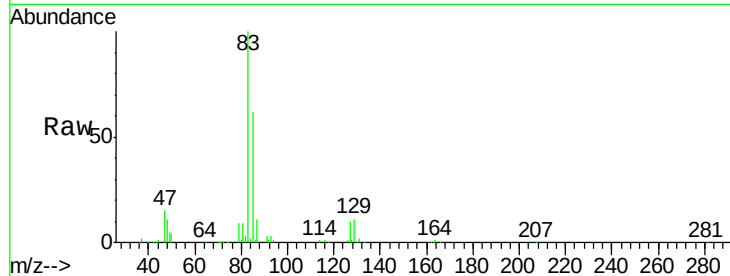
ClientSampleId :

VY0507SBS01

Tot Ion:	83	Resp:	87319
Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.8	77.8
127	9.7	7.4	11.0

Manual Integrations
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MMDadoda
5/8/2020 1:23:42 PM



#48

Methyl methacrylate

Concen: 19.976 ug/l

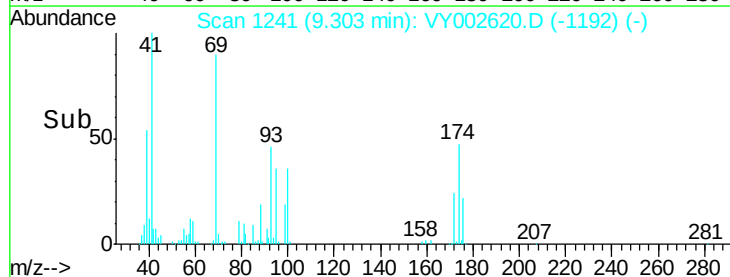
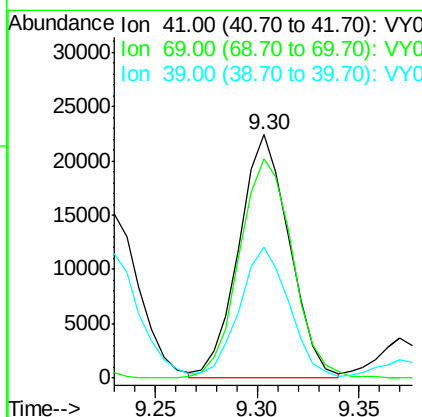
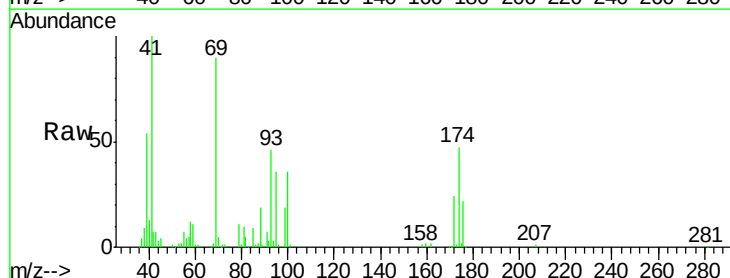
RT: 9.30 min Scan# 1241

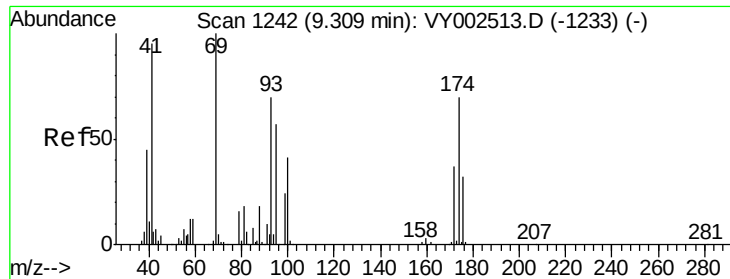
Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Tgt Ion:	41	Resp:	38634
Ion	Ratio	Lower	Upper
41	100		
69	94.8	76.2	114.4
39	51.4	42.7	64.1





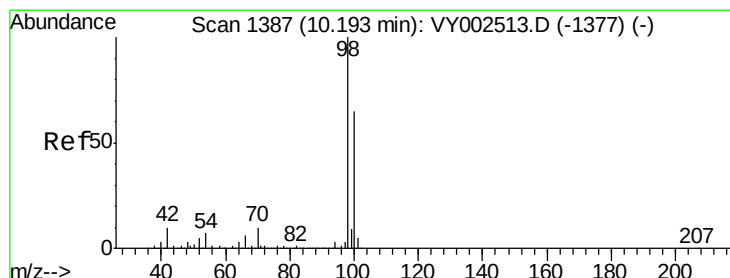
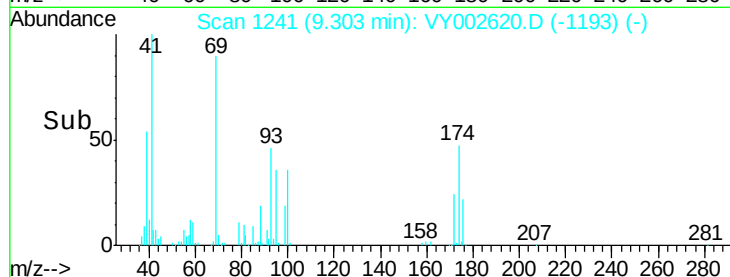
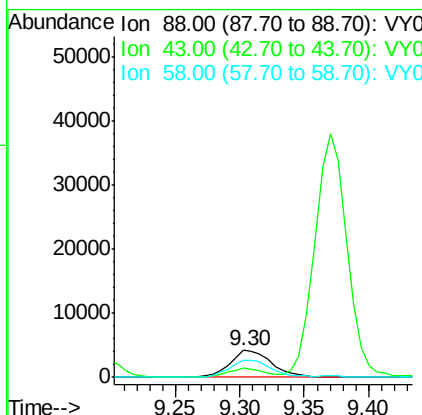
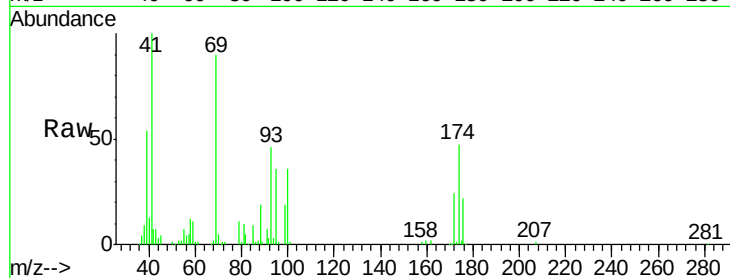
#49
1,4-Dioxane
Concen: 400.211 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion	88	Resp	9427
Ion	Ratio	Lower	Upper
88	100		
43	31.8	22.8	34.2
58	63.6	51.4	77.2

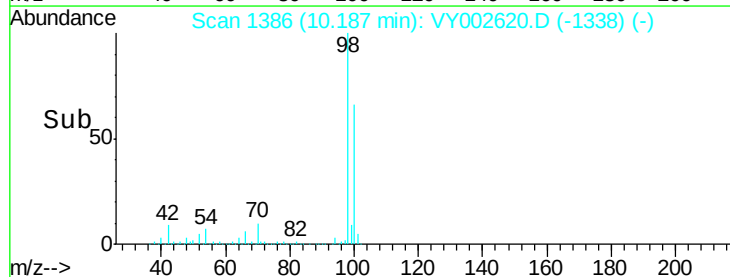
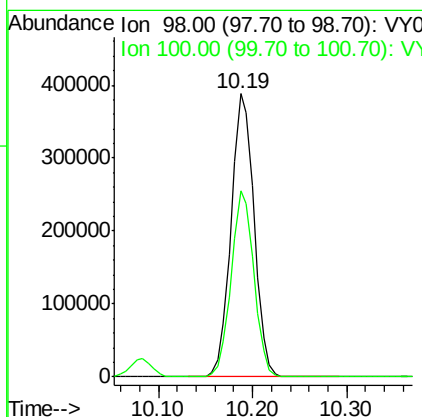
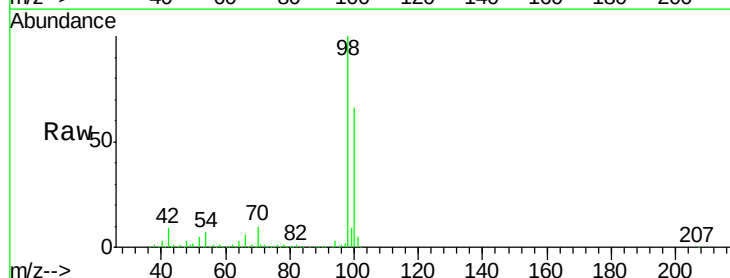
Manual Integrations
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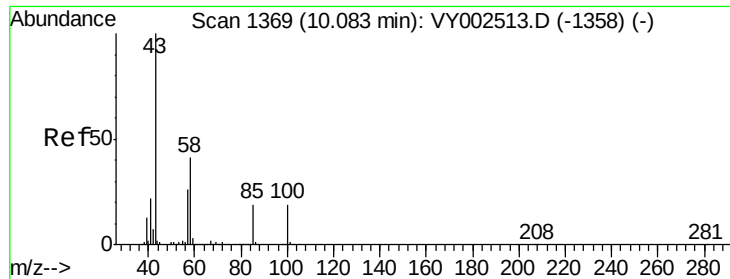
MMDadoda
5/8/2020 1:23:42 PM



#50
Toluene-d8
Concen: 55.401 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion	98	Resp	654708
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2





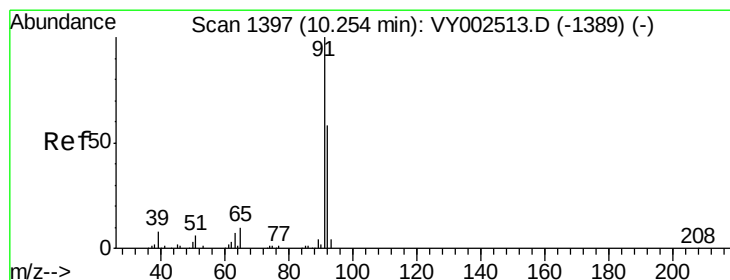
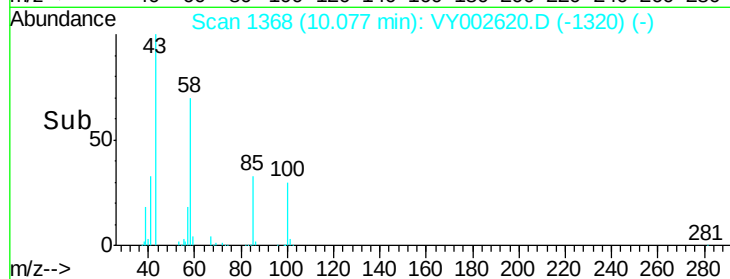
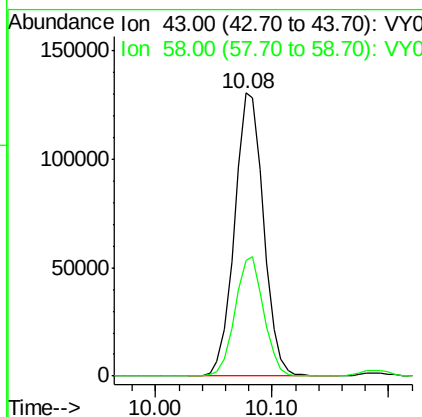
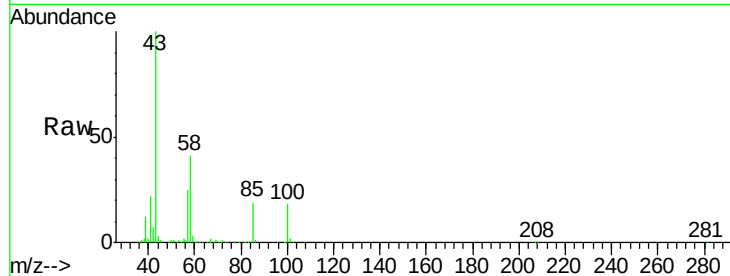
#51
4-Methyl-2-Pentanone
Concen: 103.132 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.5	33.2	49.8

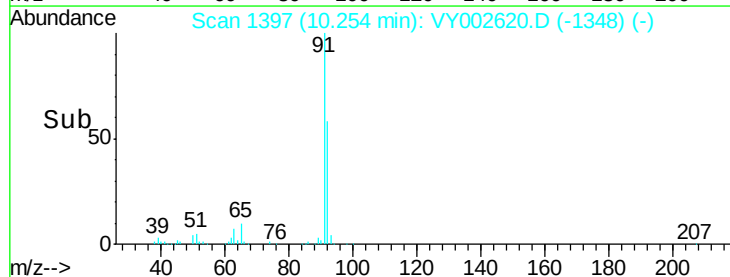
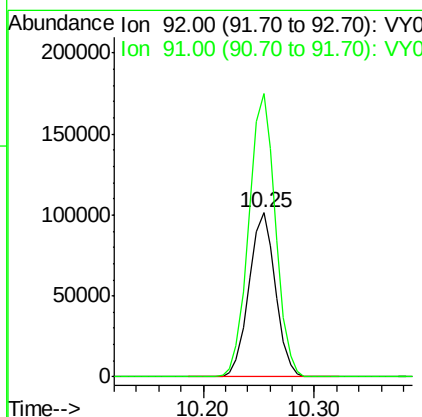
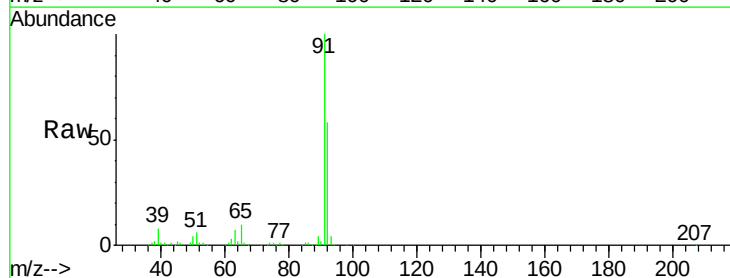
Manual Integrations
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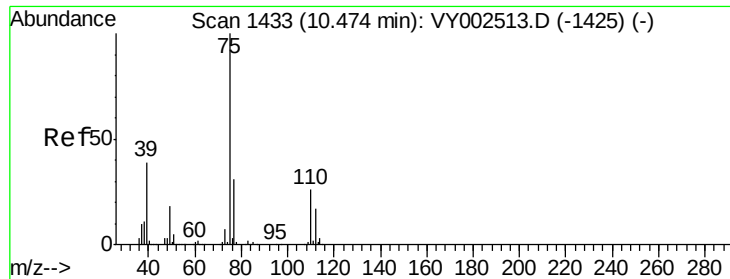
MMDadoda
5/8/2020 1:23:42 PM



#52
Toluene
Concen: 20.386 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.3	139.3	208.9





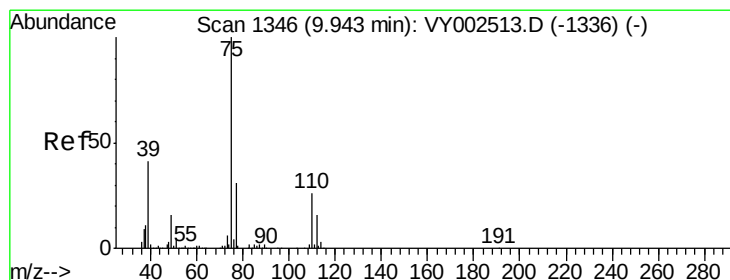
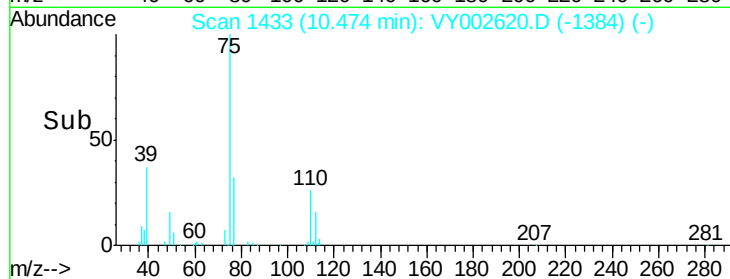
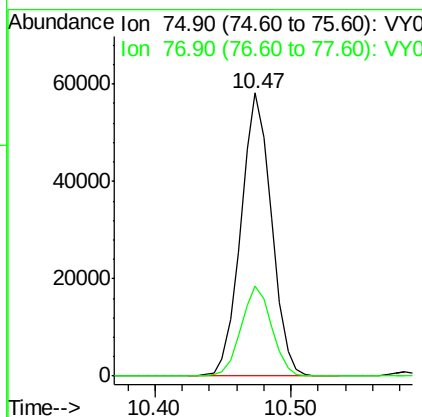
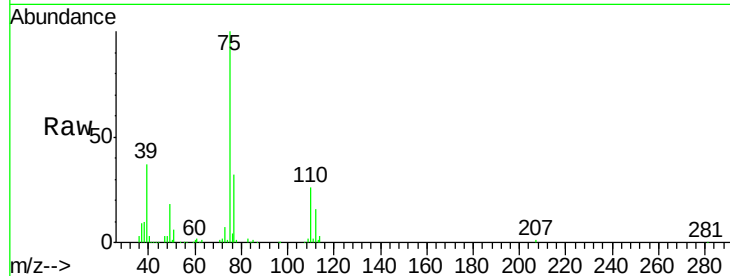
#53
t-1,3-Dichloropropene
Concen: 20.194 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.6

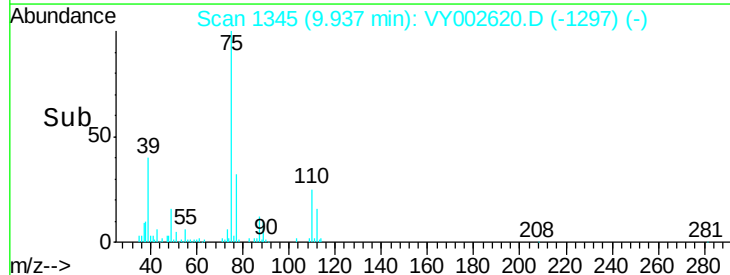
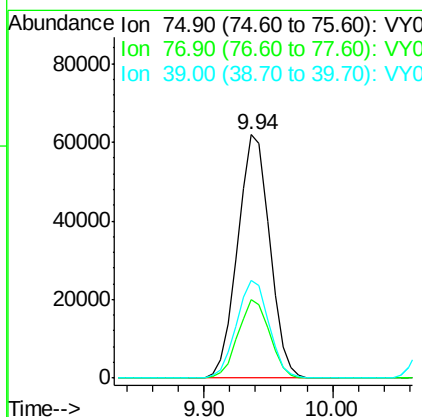
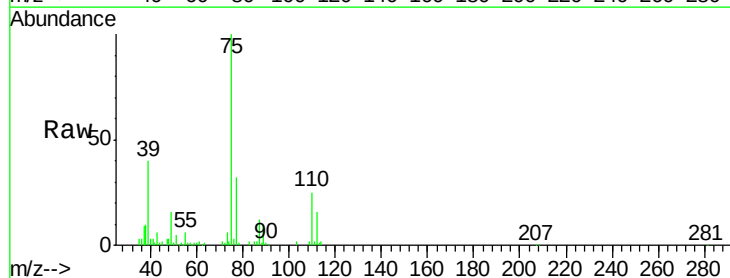
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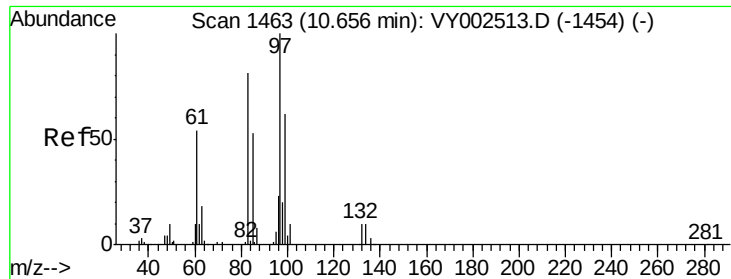
MMDadoda
5/8/2020 1:23:42 PM



#54
cis-1,3-Dichloropropene
Concen: 20.418 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.1	37.7
39	40.3	32.7	49.1





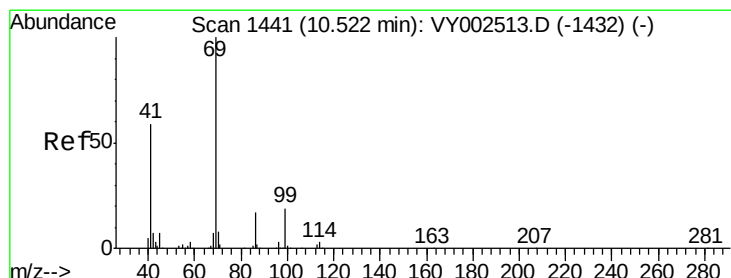
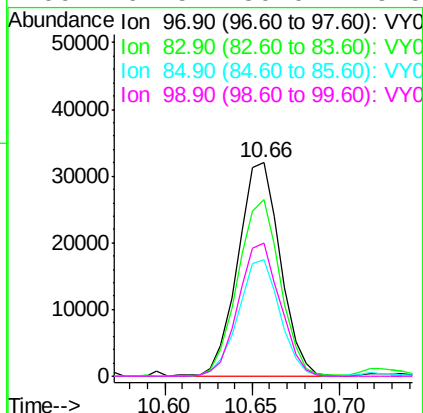
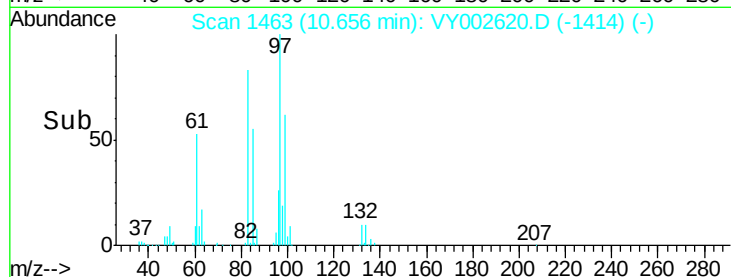
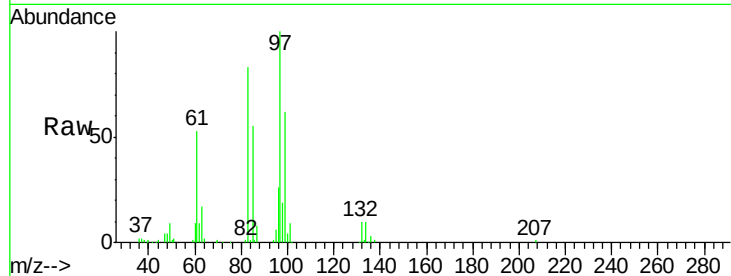
#55
 1,1,2-Trichloroethane
 Concen: 20.828 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

Tot Ion:	97	Resp:	54035
Ion	Ratio	Lower	Upper
97	100		
83	82.8	65.1	97.7
85	54.8	42.7	64.1
99	62.5	50.0	75.0

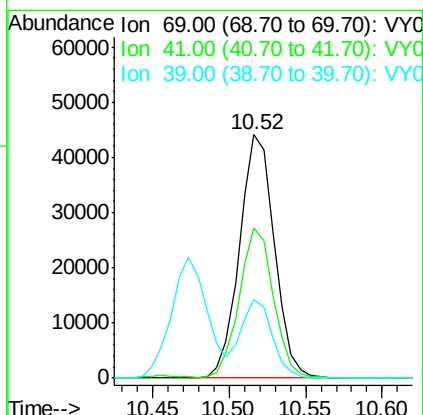
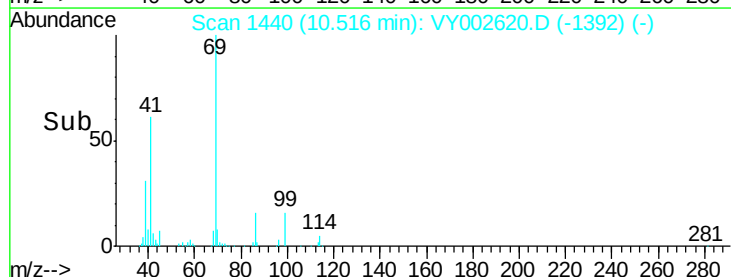
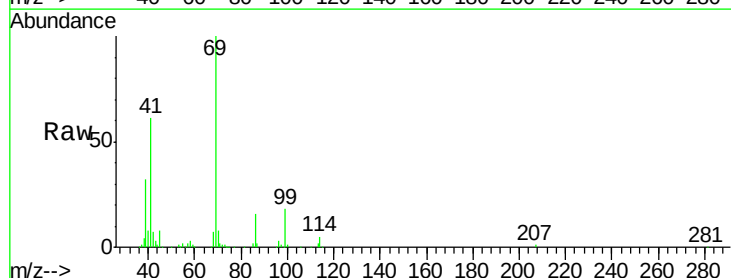
Manual Integrations
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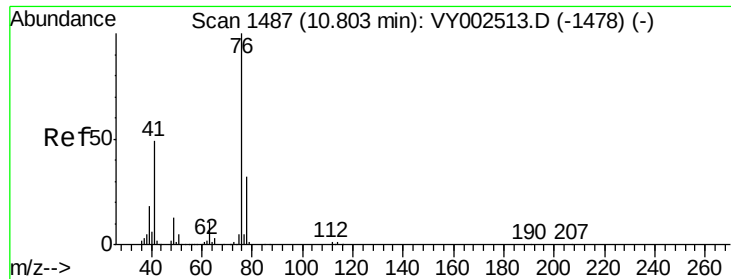
MMDadoda
 5/8/2020 1:23:42 PM



#56
 Ethyl methacrylate
 Concen: 20.202 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion:	69	Resp:	69724
Ion	Ratio	Lower	Upper
69	100		
41	60.2	48.6	73.0
39	29.6	25.0	37.4





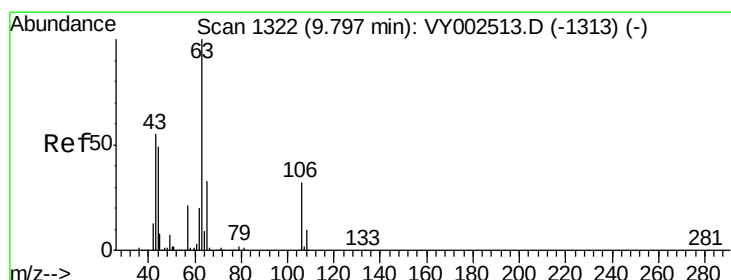
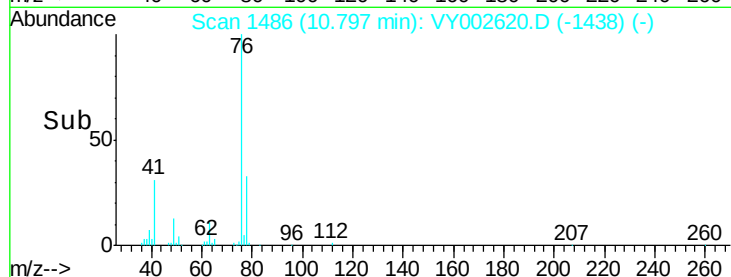
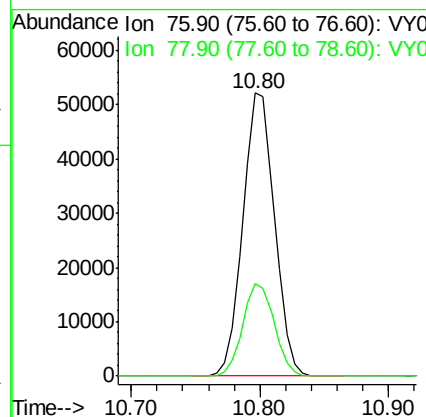
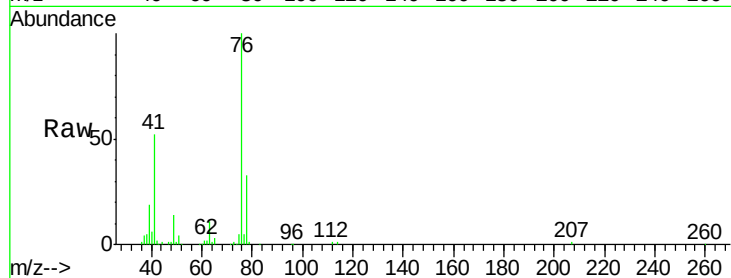
#57
 1,3-Dichloropropane
 Concen: 20.096 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.4	38.2

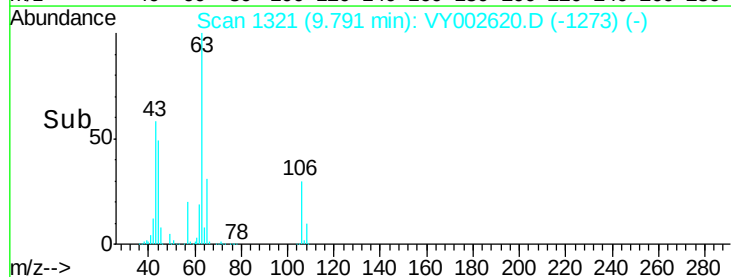
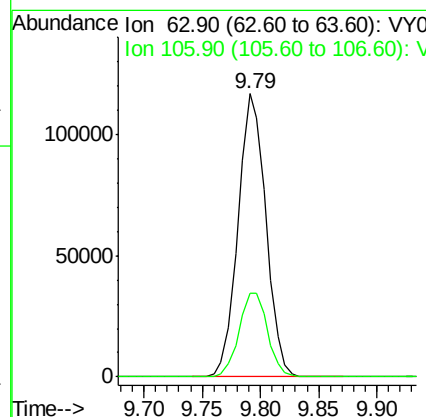
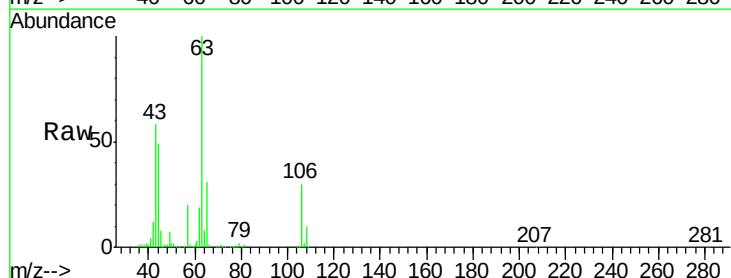
Manual Integrations
 APPROVED

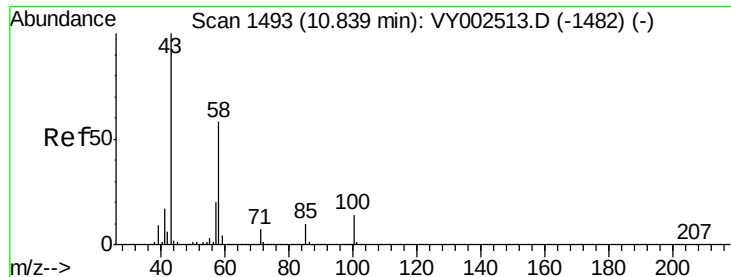
MMDadoda
 5/8/2020 1:23:42 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.000 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.5	25.2	37.8





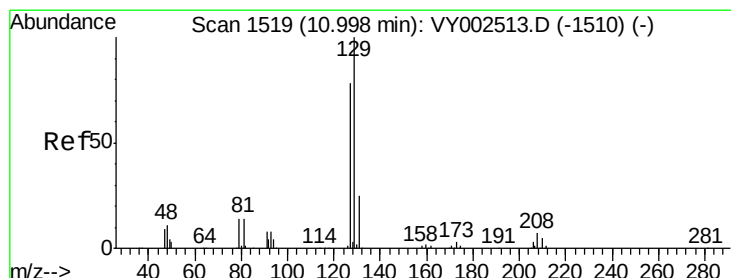
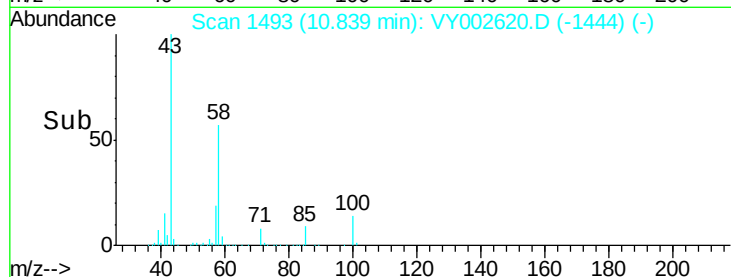
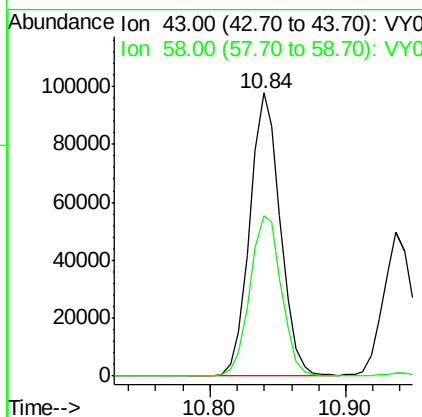
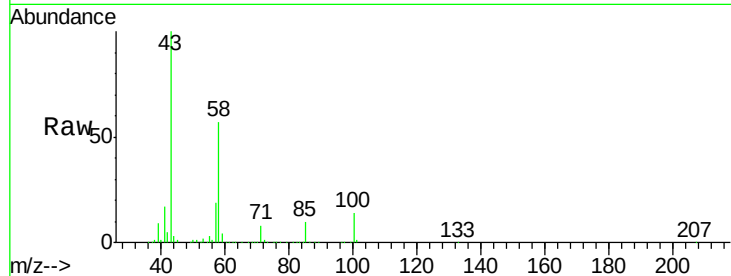
#59
2-Hexanone
Concen: 101.880 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.1	29.1	87.3

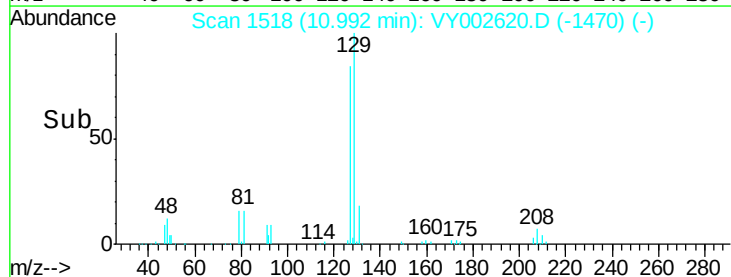
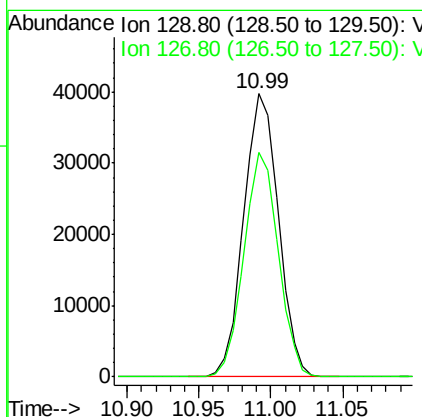
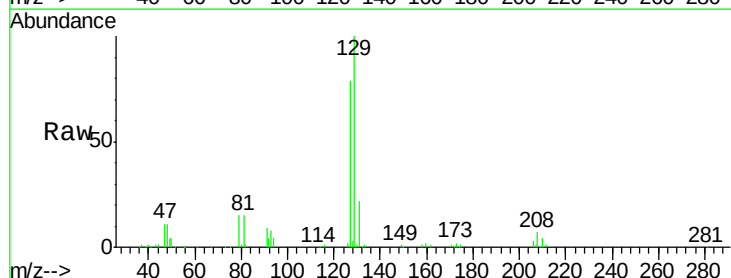
Manual Integrations
APPROVED

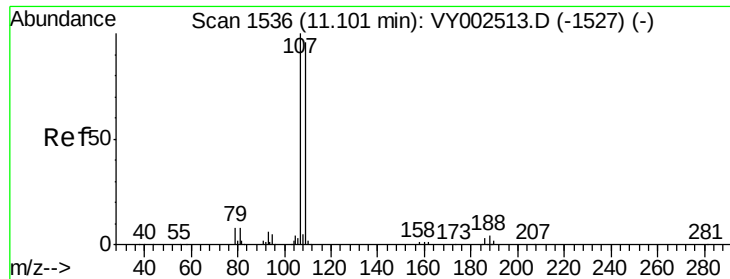
MMDadoda
5/8/2020 1:23:42 PM



#60
Dibromochloromethane
Concen: 20.148 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.0	117.0





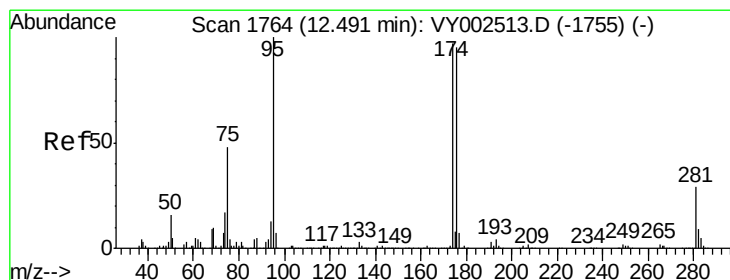
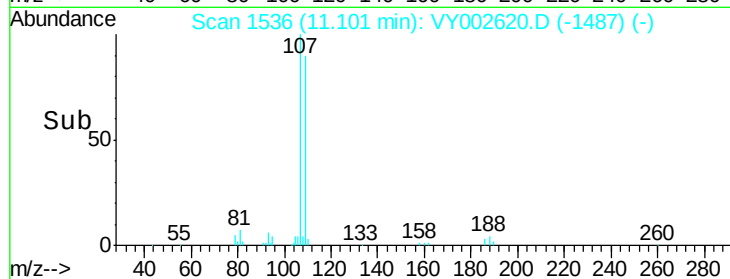
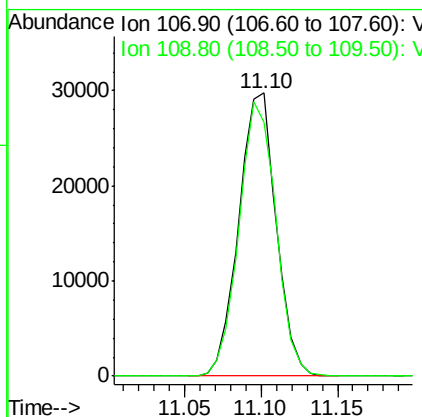
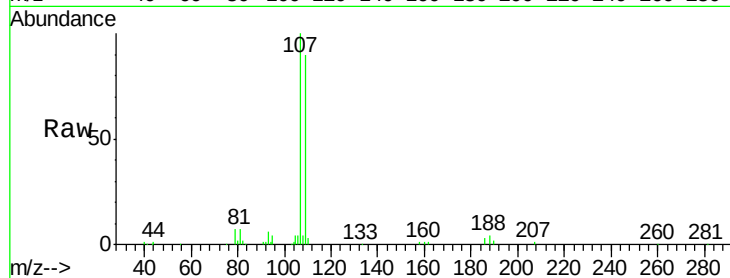
#61
 1,2-Dibromoethane
 Concen: 19.693 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.1	75.8	113.8

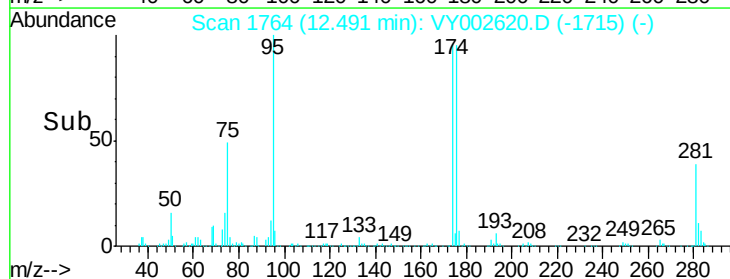
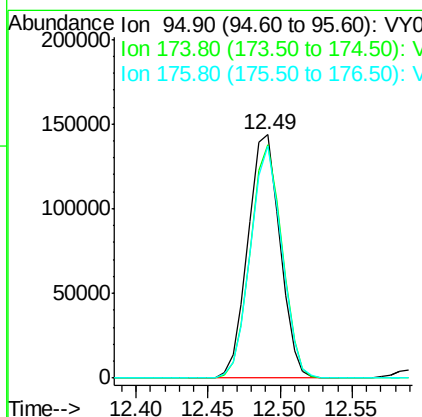
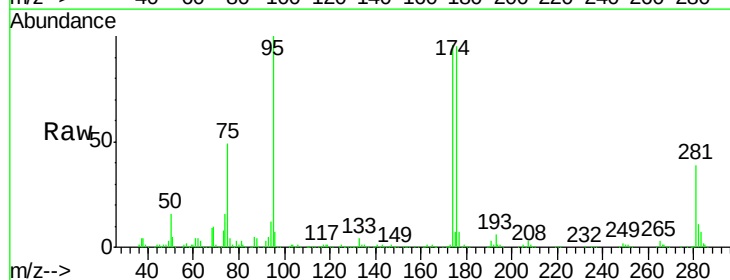
Manual Integrations
 APPROVED

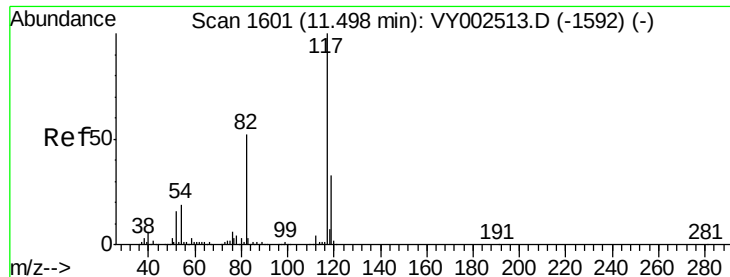
MMDadoda
 5/8/2020 1:23:42 PM



#62
 4-Bromofluorobenzene
 Concen: 55.229 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	188.8
176	92.5	0.0	183.2





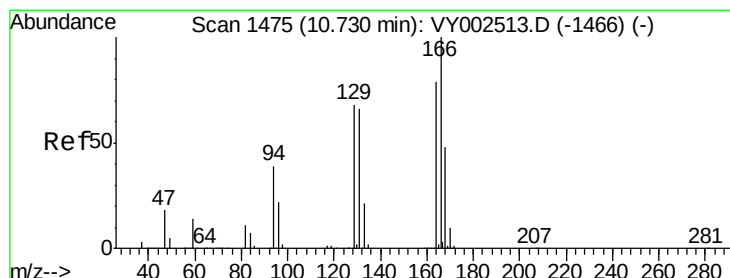
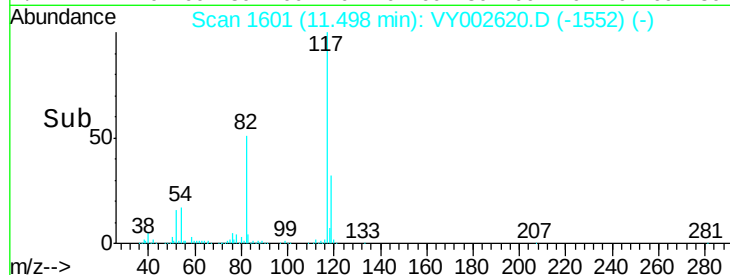
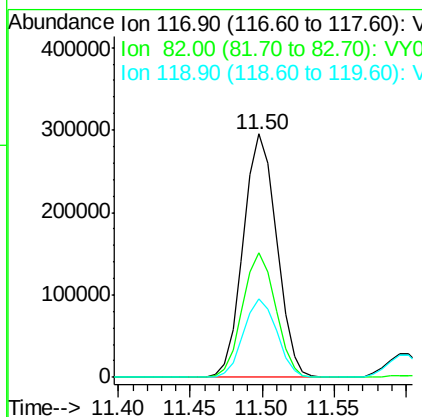
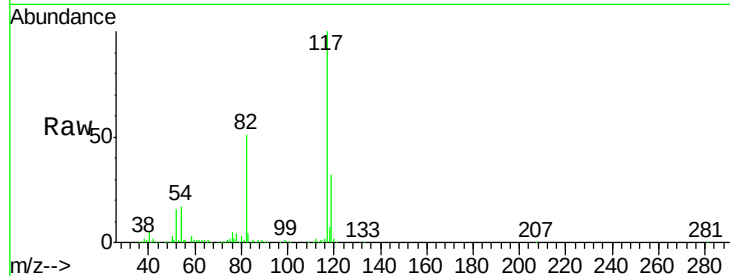
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	474520		
82	51.1		41.3	61.9
119	32.2		26.0	39.0

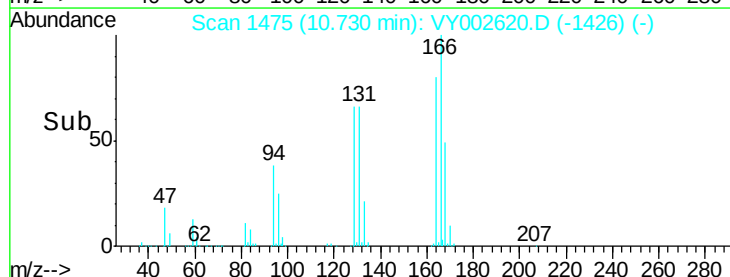
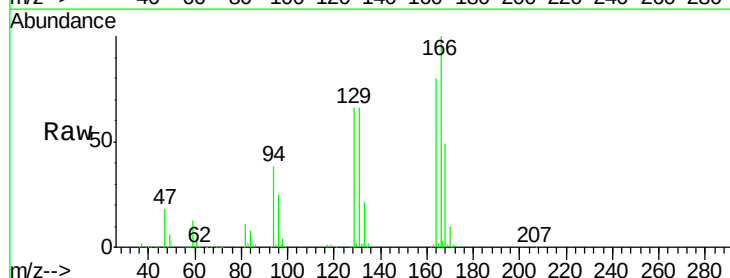
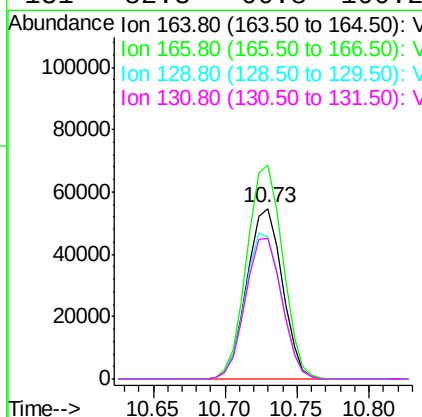
Manual Integrations
APPROVED

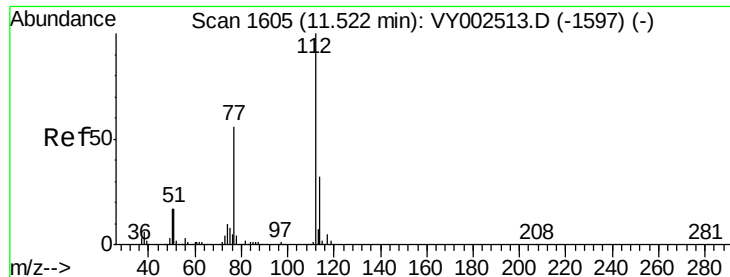
MMDadoda
5/8/2020 1:23:42 PM



#64
Tetrachloroethene
Concen: 22.090 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	93134		
166	125.2		100.7	151.1
129	83.1		68.3	102.5
131	82.3		66.8	100.2





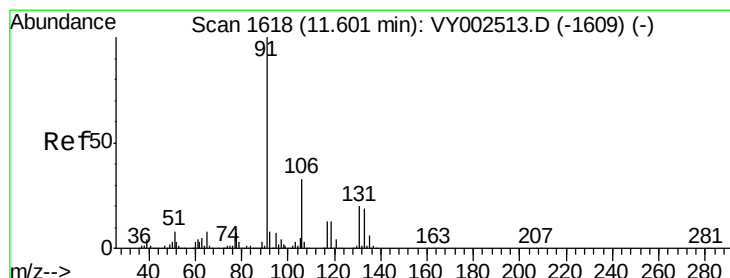
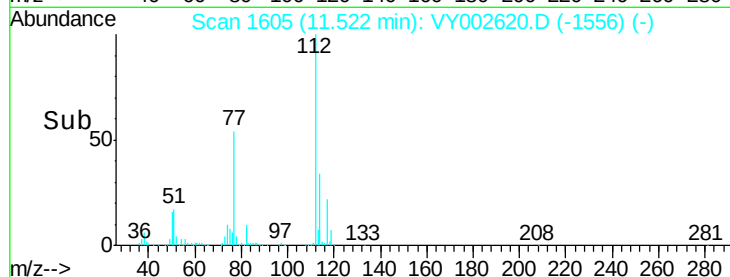
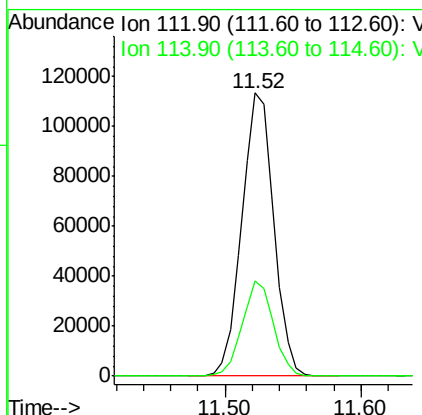
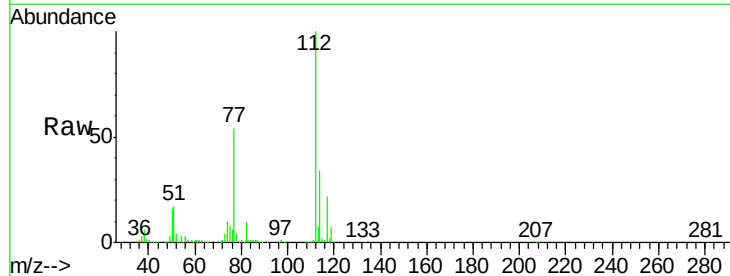
#65
Chlorobenzene
Concen: 20.638 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.8	25.8	38.6

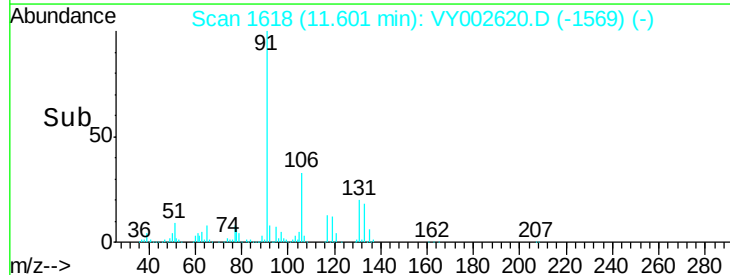
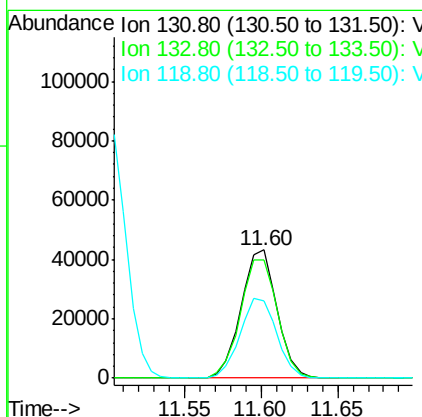
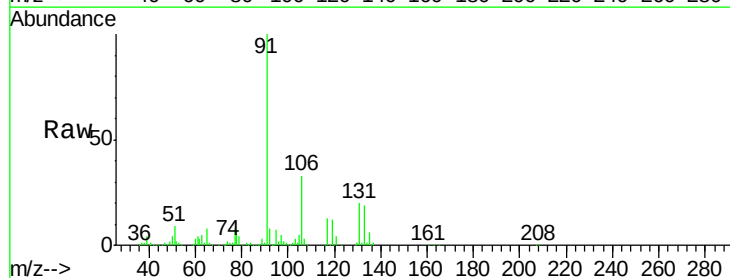
Manual Integrations
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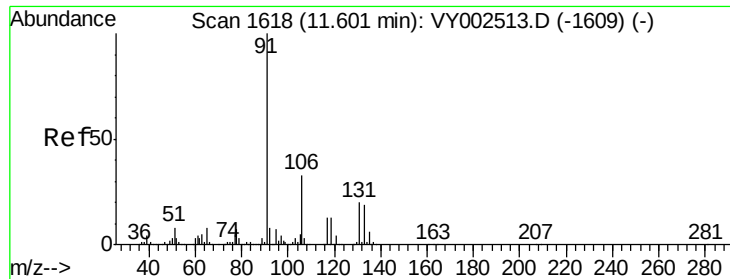
MMDadoda
5/8/2020 1:23:42 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.931 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	48.1	144.4
119	64.0	31.6	95.0





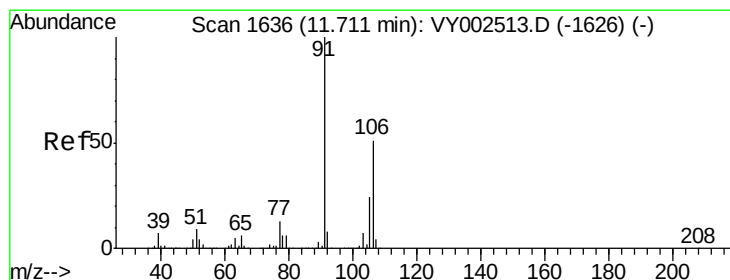
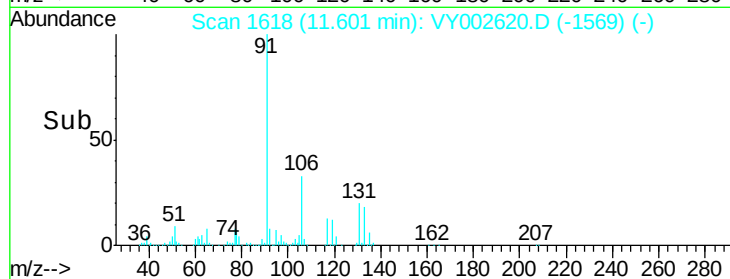
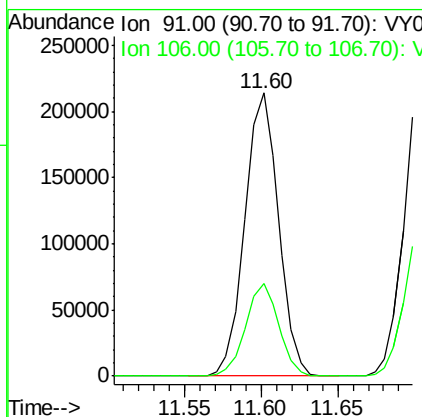
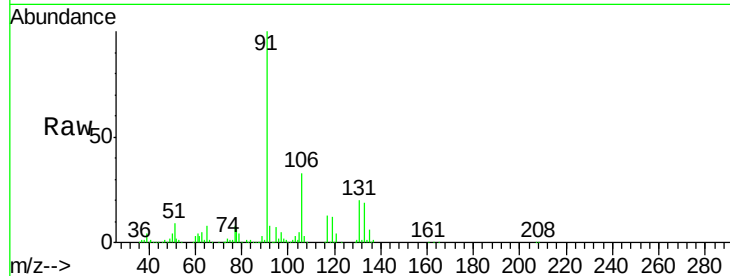
#67
Ethyl Benzene
Concen: 20.693 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.9	26.1	39.1

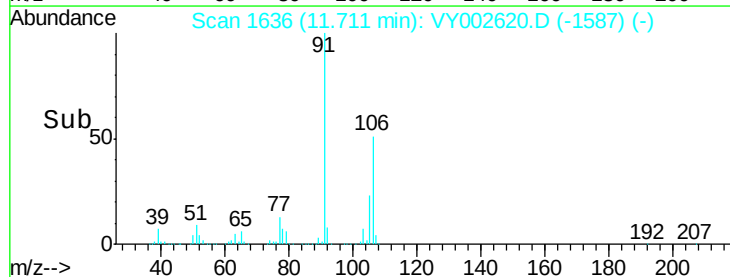
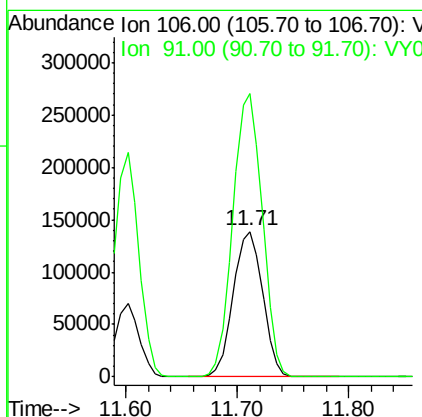
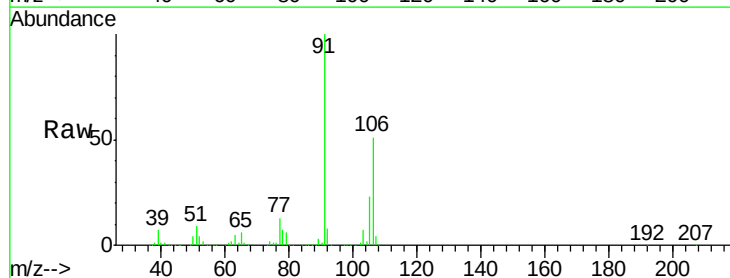
Manual Integrations
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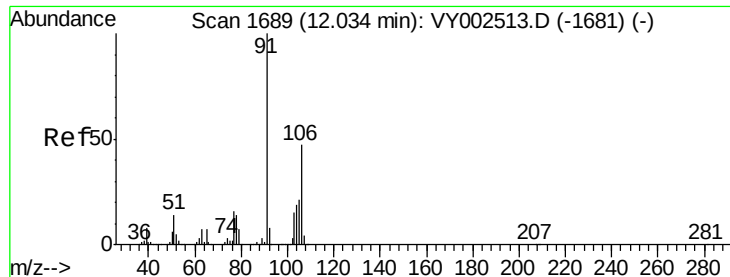
MMDadoda
5/8/2020 1:23:42 PM



#68
m/p-Xylenes
Concen: 41.554 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
106	100		
91	194.7	155.2	232.8





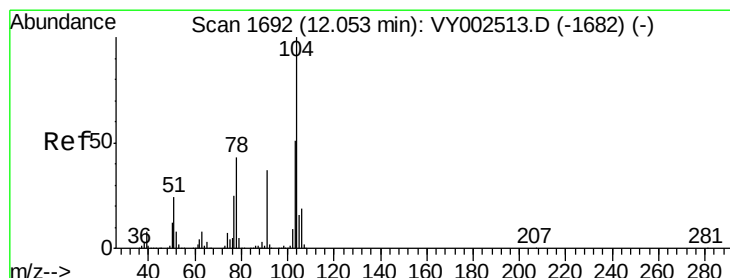
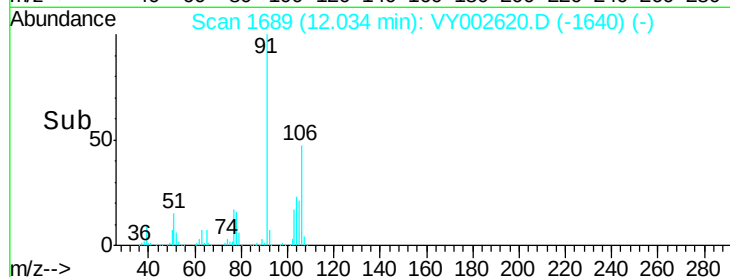
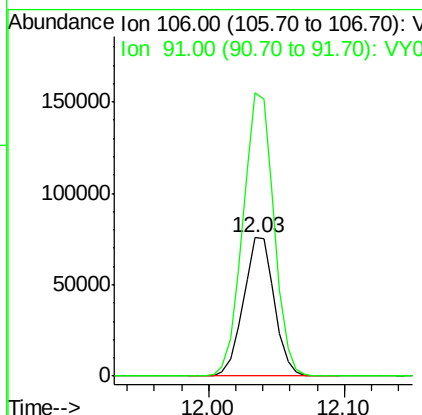
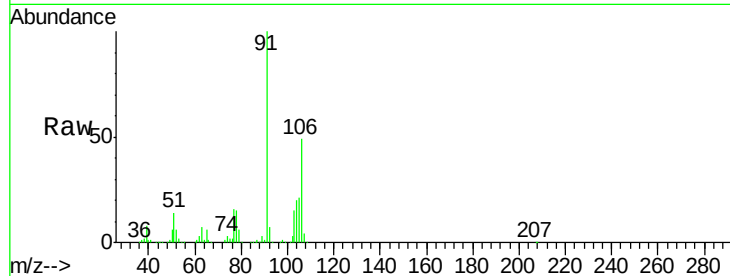
#69
o-Xylene
Concen: 20.908 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	120024		
91	91	205.3	103.8	311.3	

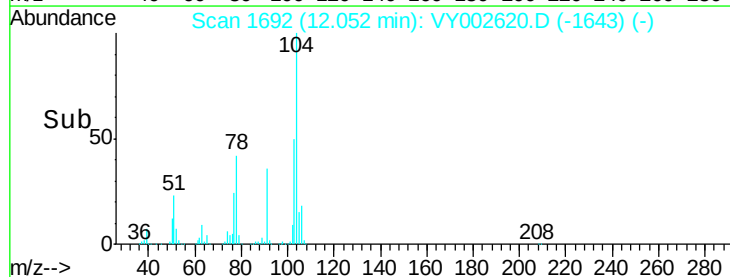
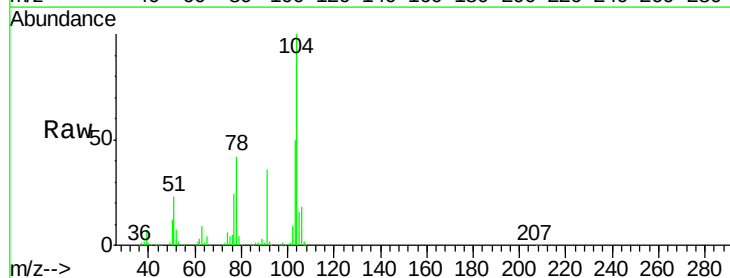
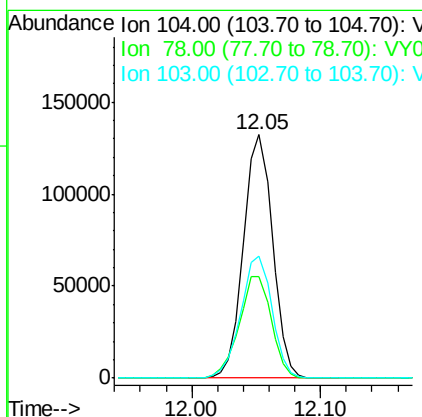
Manual Integrations
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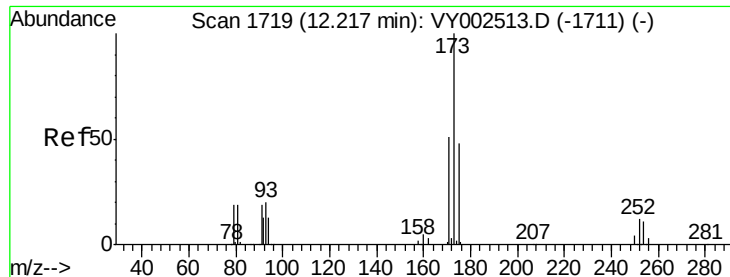
MMDadoda
5/8/2020 1:23:42 PM



#70
Styrene
Concen: 21.037 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	206451		
78	78	46.5	37.4	56.0	
103	103	53.9	43.9	65.9	





#71

Bromoform

Concen: 20.676 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

Tot Ion:173 Resp: 42970

Ion Ratio Lower Upper

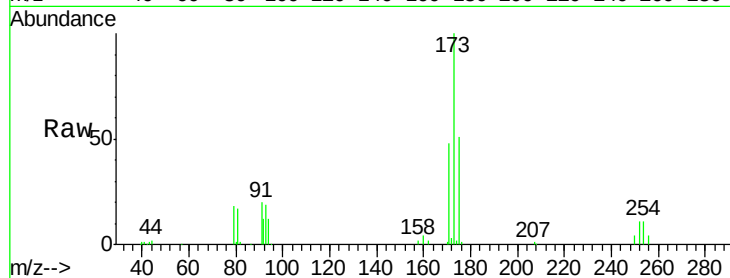
173 100

175 48.1 24.3 72.8

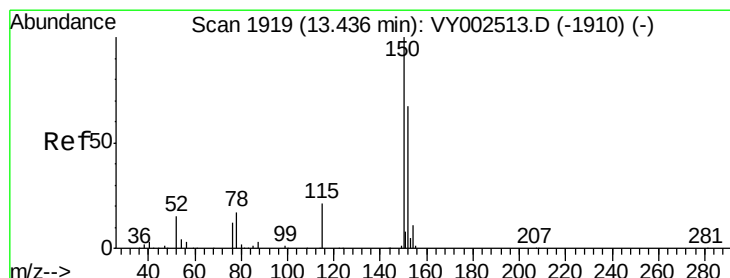
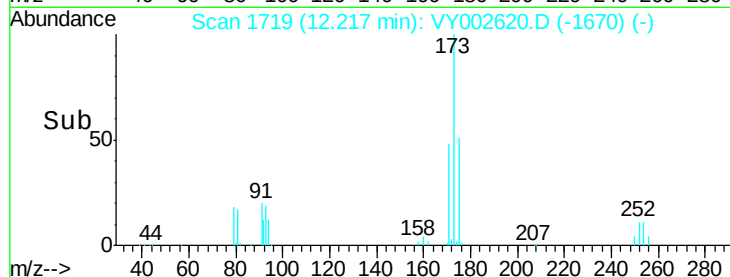
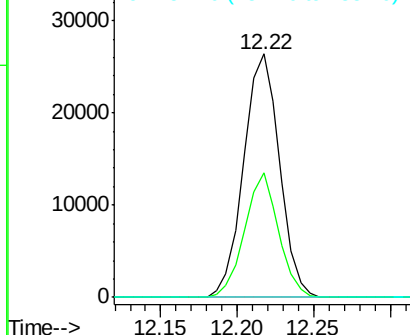
254 0.0 0.2 0.2#

Manual Integrations
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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: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

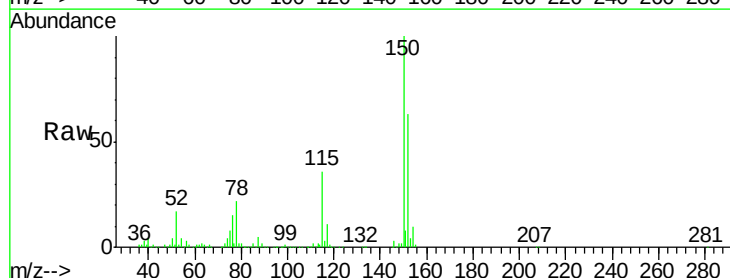
Tgt Ion:152 Resp: 246739

Ion Ratio Lower Upper

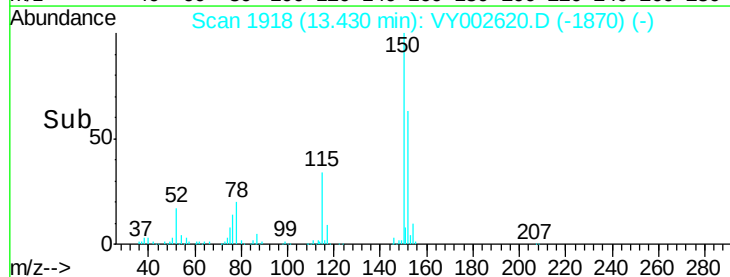
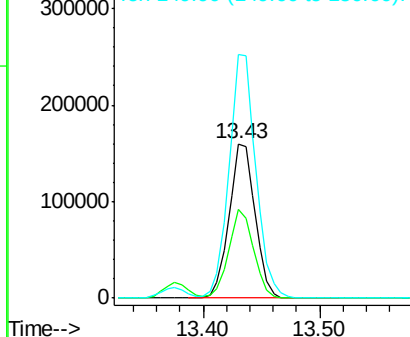
152 100

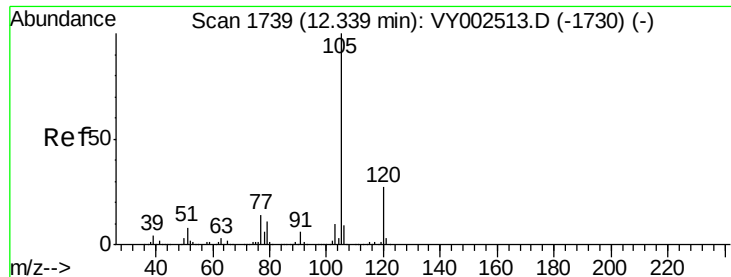
115 55.0 27.5 82.4

150 163.4 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: 20.666 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

Tot Ion:105 Resp: 330465

Ion Ratio Lower Upper

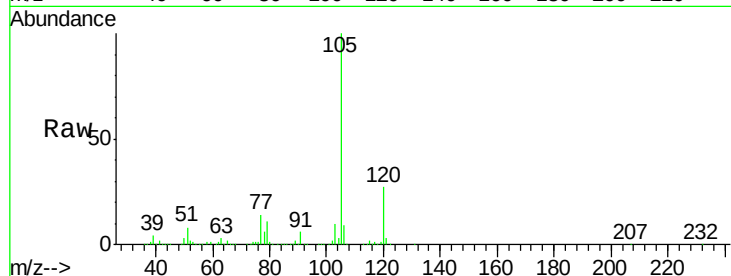
105 100

120 27.2 13.8 41.3

Manual Integrations
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MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

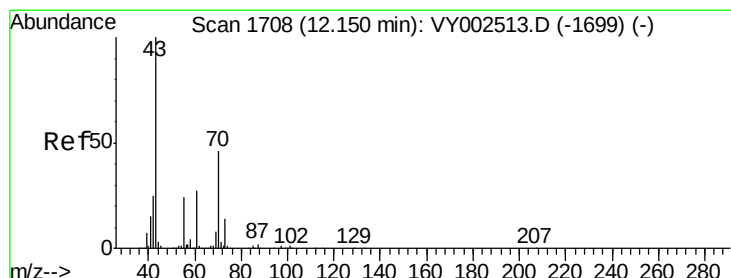
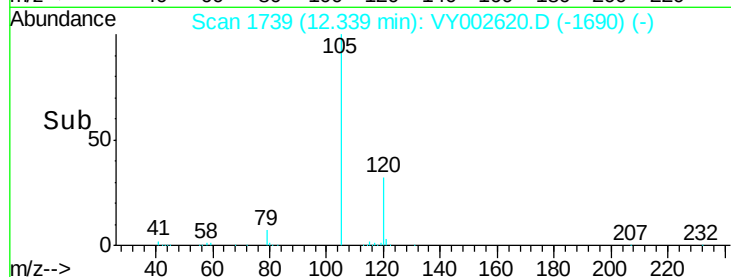
100000

50000

0

12.30 12.34 12.40

Time-->



#74

N-ethyl acetate

Concen: 20.341 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Tgt Ion: 43 Resp: 78245

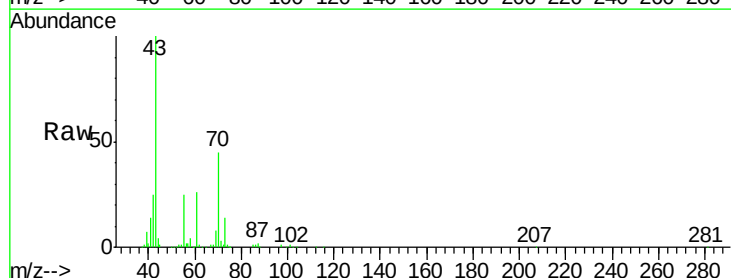
Ion Ratio Lower Upper

43 100

70 47.2 36.7 55.1

55 25.0 19.2 28.8

61 26.1 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

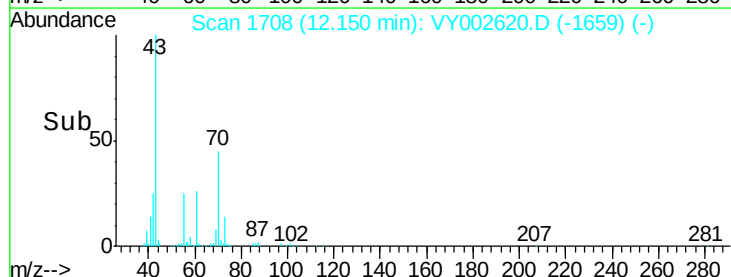
40000

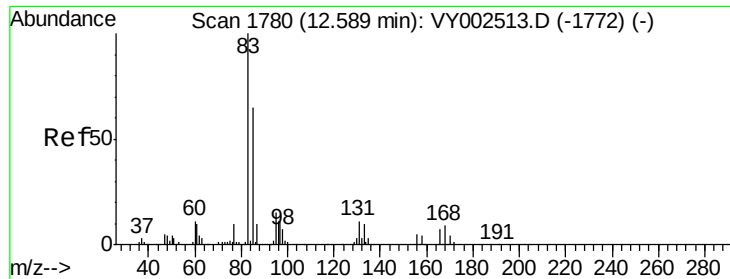
20000

0

12.10 12.15 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.162 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

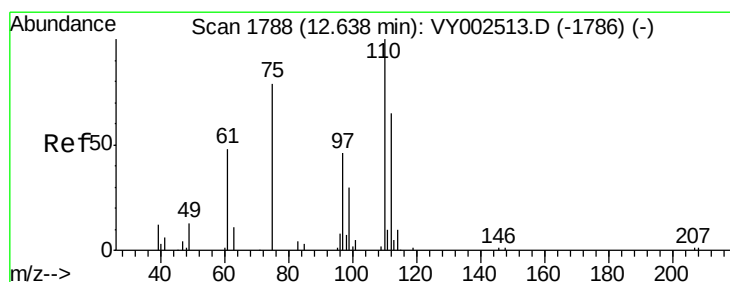
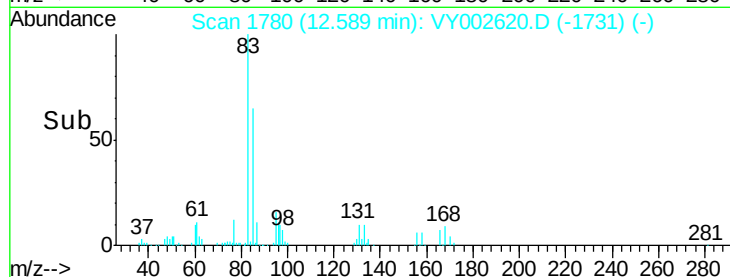
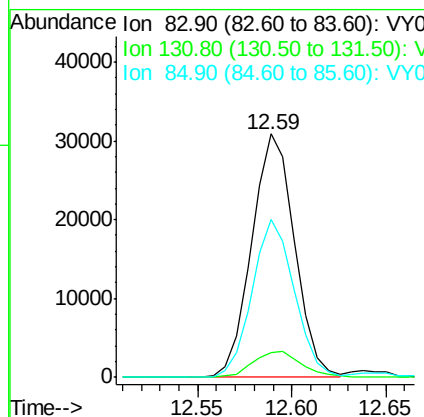
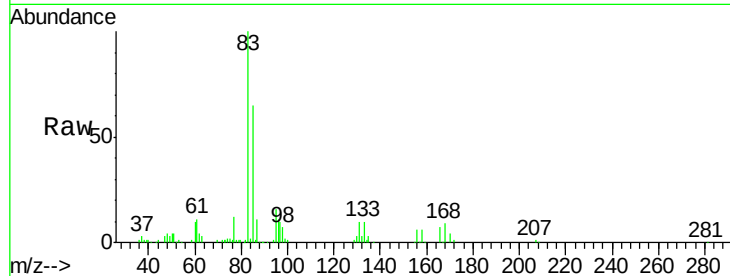
ClientSampleId :

VY0507SBS01

Tot Ion:	83	Resp:	48732
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.9	17.8
85	63.8	31.9	95.9

Manual Integrations
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5/8/2020 1:23:42 PM



#76

1,2,3-Trichloropropane

Concen: 20.235 ug/l m

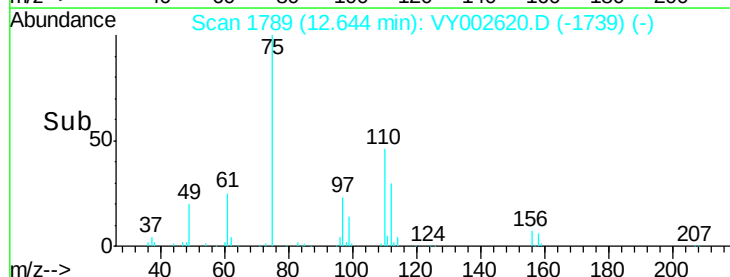
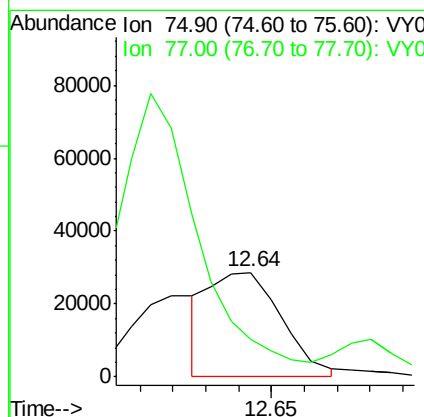
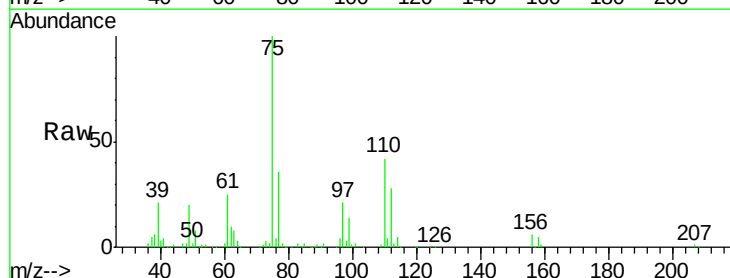
RT: 12.64 min Scan# 1789

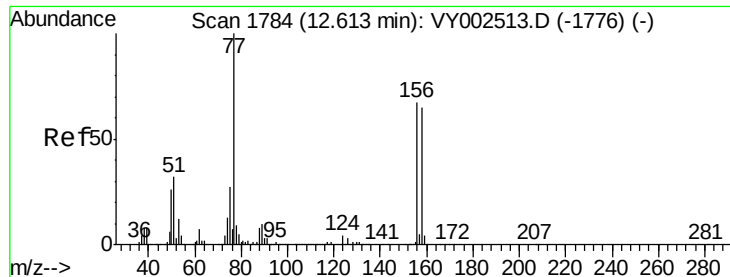
Delta R.T. 0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Tgt Ion:	75	Resp:	44368
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.489 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

Tot Ion:156 Resp: 81856

Ion Ratio Lower Upper

156 100

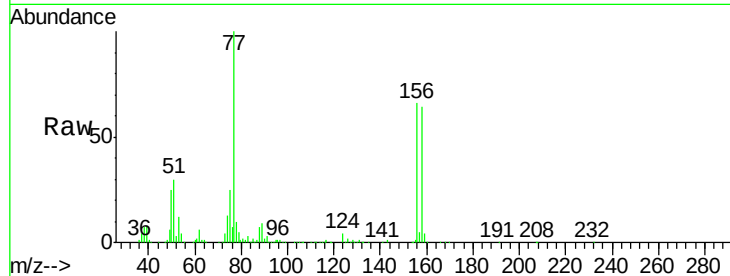
77 165.1 82.0 245.8

158 97.9 48.5 145.6

Manual Integrations
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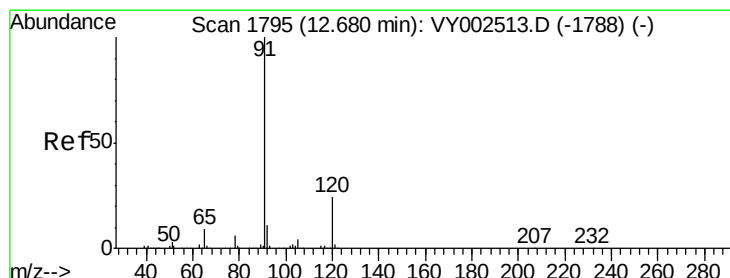
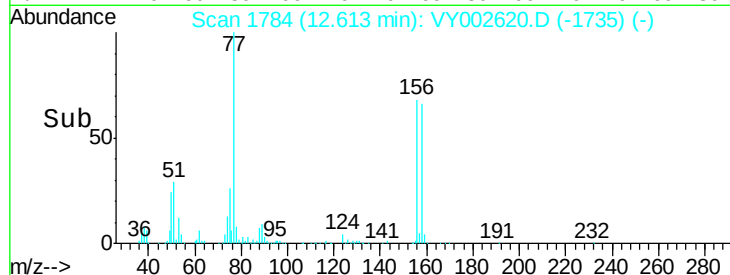
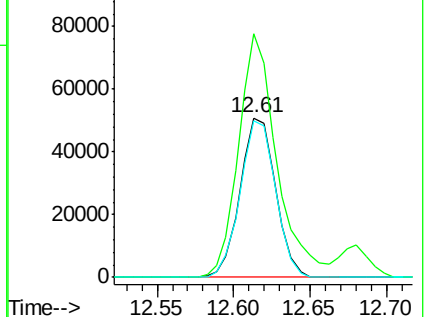
5/8/2020 1:23:42 PM



Abundance Ion 155.80 (155.50 to 156.50): VY002620.D (-1776) (-)

Ion 77.00 (76.70 to 77.70): VY002620.D (-1776) (-)

Ion 157.80 (157.50 to 158.50): VY002620.D (-1776) (-)



#78

n-propylbenzene

Concen: 20.852 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002620.D

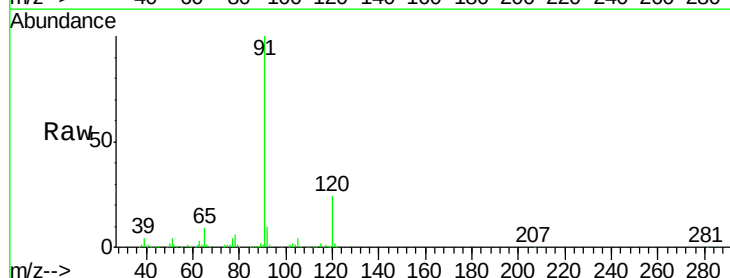
Acq: 07 May 2020 11:03

Tgt Ion: 91 Resp: 386948

Ion Ratio Lower Upper

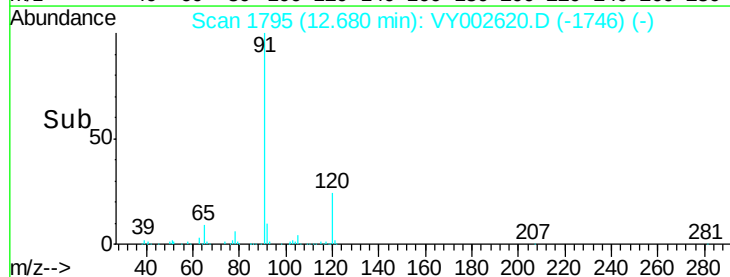
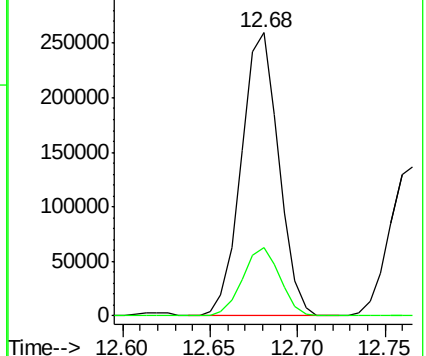
91 100

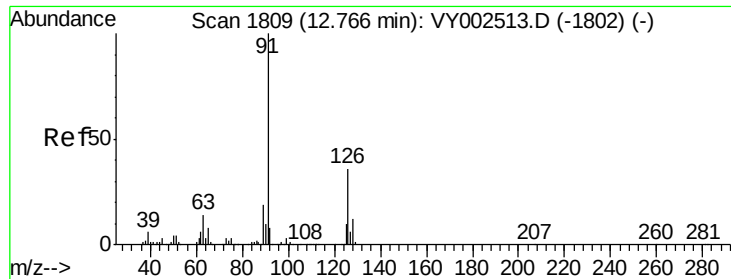
120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY002620.D (-1788) (-)

Ion 120.00 (119.70 to 120.70): VY002620.D (-1788) (-)





#79

2-Chlorotoluene

Concen: 20.636 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

Tot Ion: 91 Resp: 212126

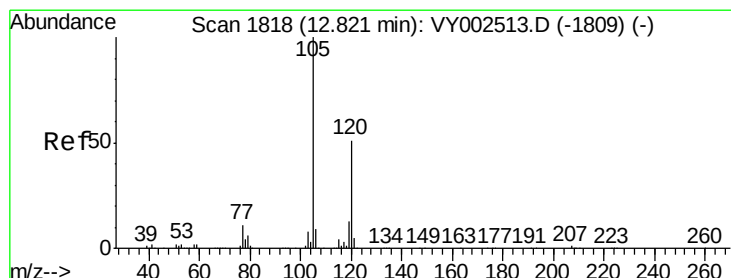
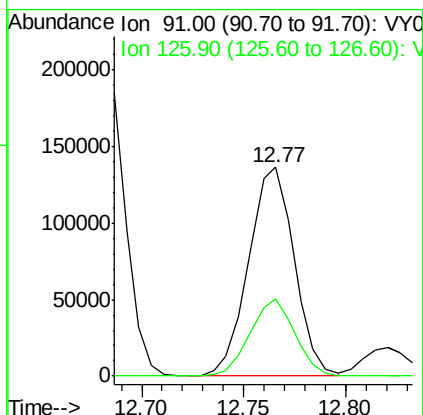
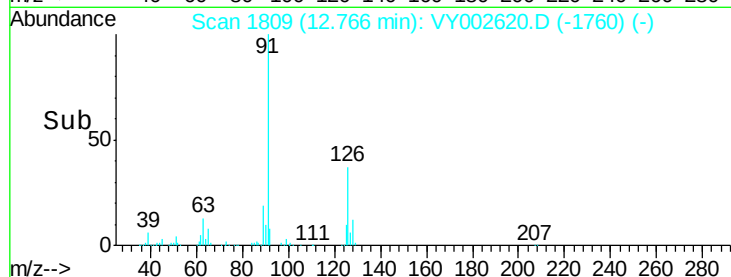
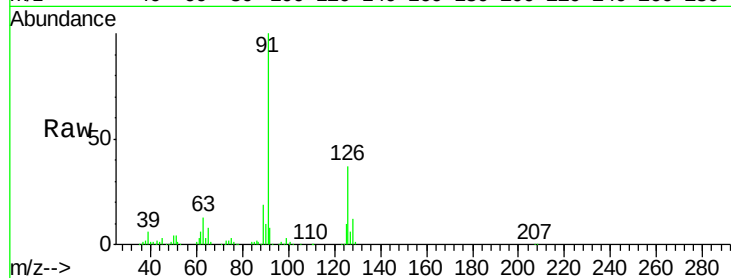
Ion Ratio Lower Upper

91 100

126 36.4 18.4 55.2

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 20.786 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002620.D

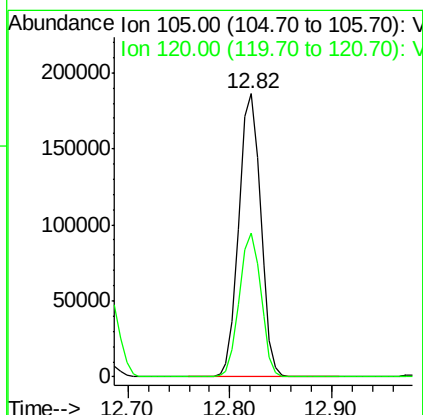
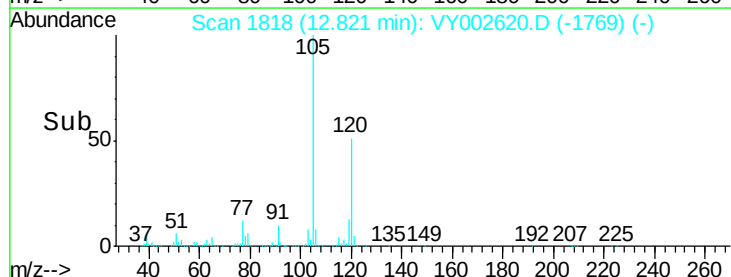
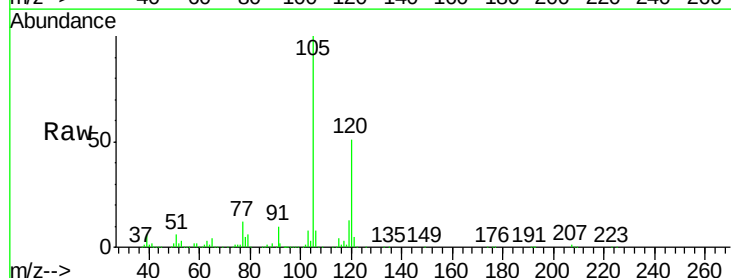
Acq: 07 May 2020 11:03

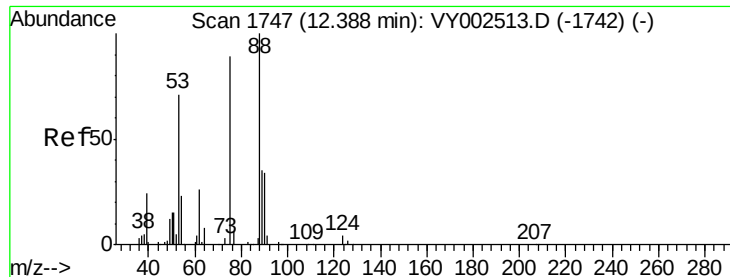
Tgt Ion: 105 Resp: 275528

Ion Ratio Lower Upper

105 100

120 50.4 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.785 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

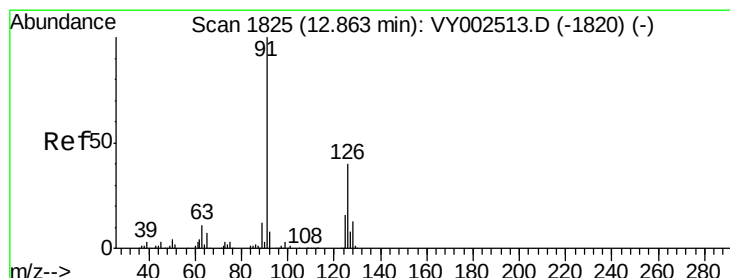
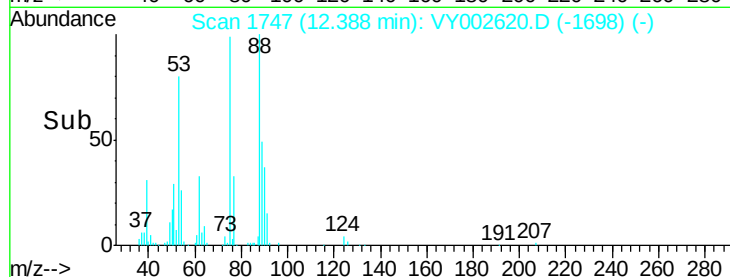
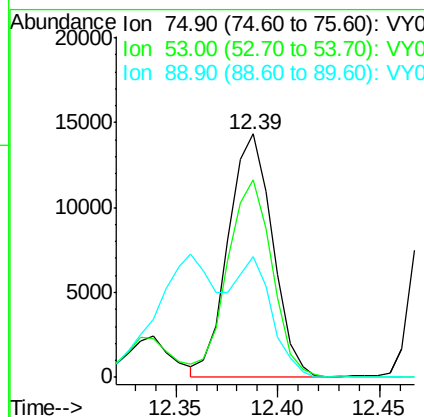
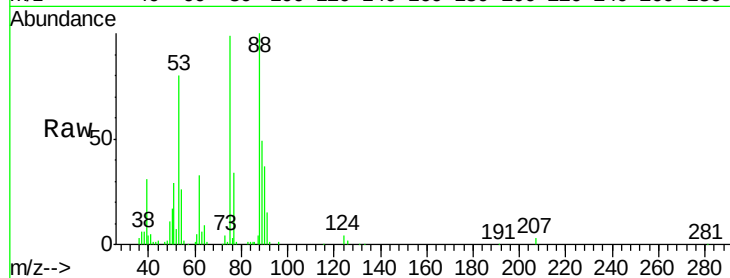
ClientSampleId :

VY0507SBS01

Tot Ion:	75	Resp:	21635
Ion	Ratio	Lower	Upper
75	100		
53	82.0	67.4	101.0
89	37.9	37.4	56.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.746 ug/l

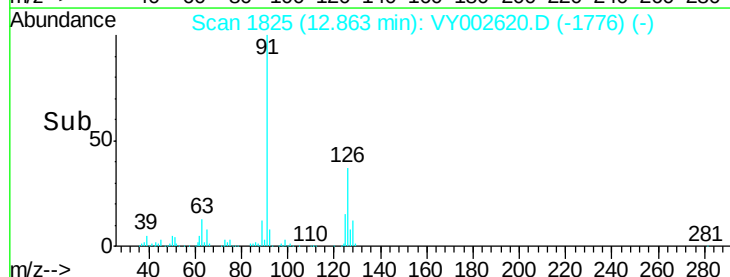
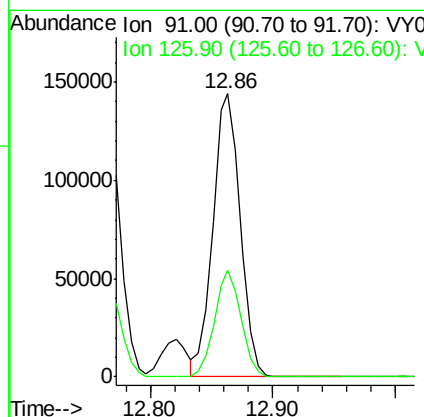
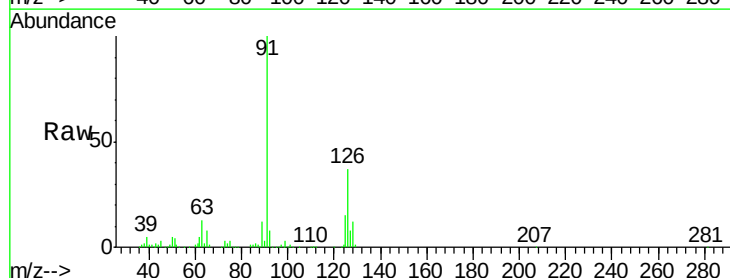
RT: 12.86 min Scan# 1825

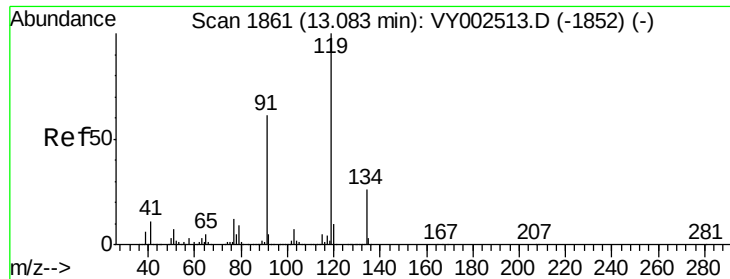
Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Tgt Ion:	91	Resp:	224006
Ion	Ratio	Lower	Upper
91	100		
126	36.5	18.5	55.5





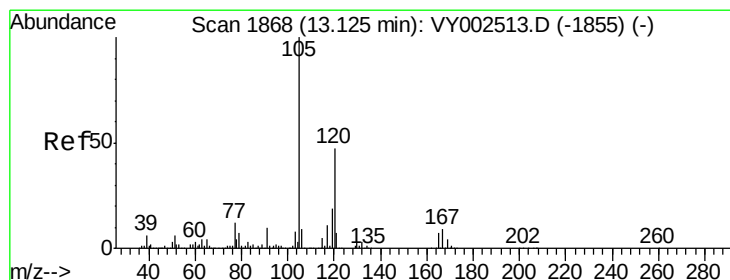
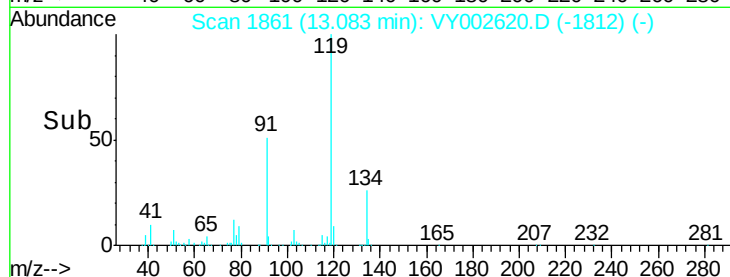
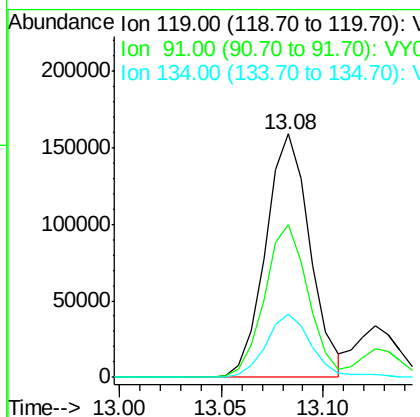
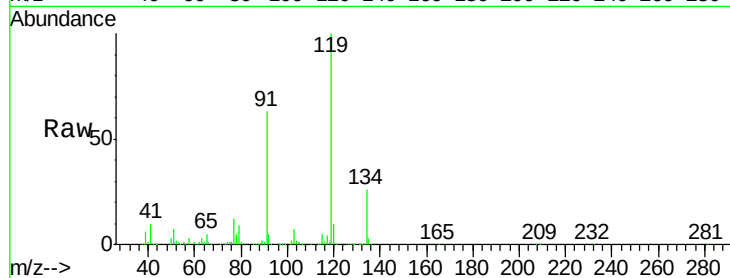
#83
 tert-Butylbenzene
 Concen: 20.789 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.4	30.6	91.6
134	26.8	13.5	40.4

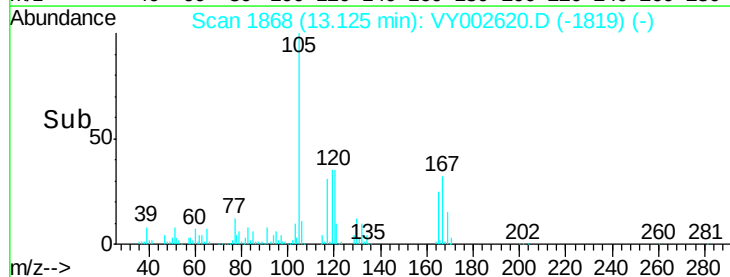
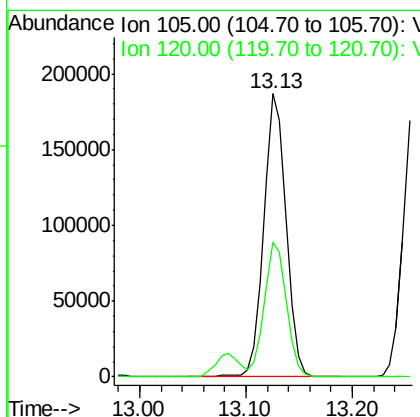
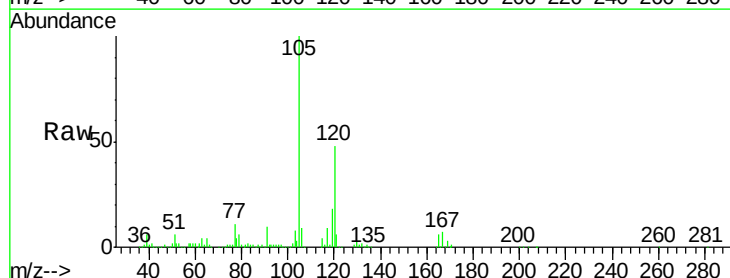
Manual Integrations
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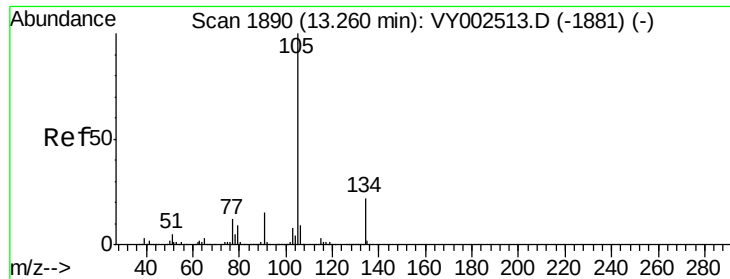
MMDadoda
 5/8/2020 1:23:42 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.799 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.4	70.3





#85

sec-Butylbenzene

Concen: 21.230 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

Tot Ion:105 Resp: 342389

Ion Ratio Lower Upper

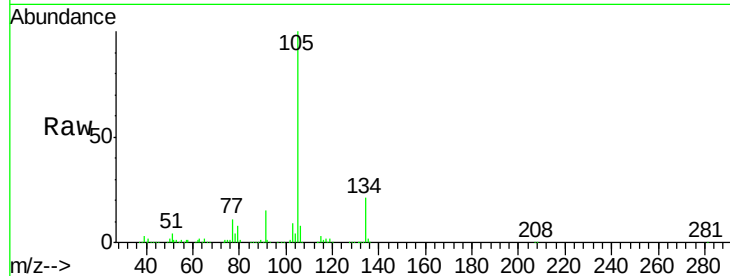
105 100

134 21.5 10.8 32.3

Manual Integrations
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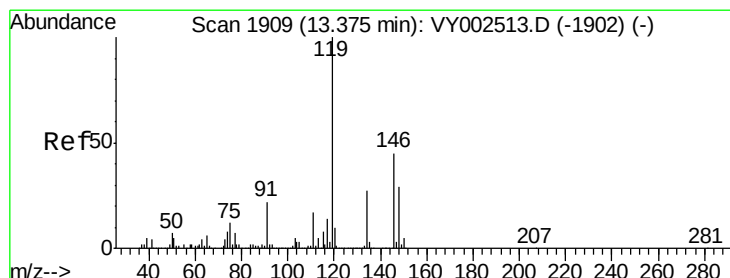
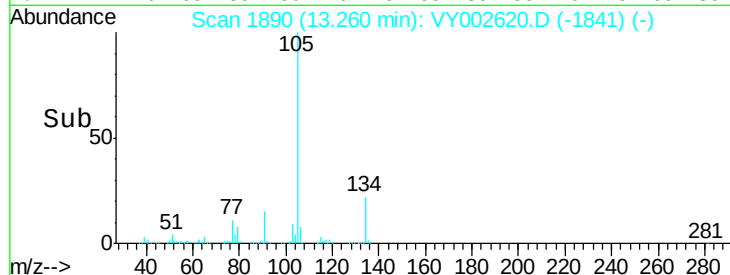
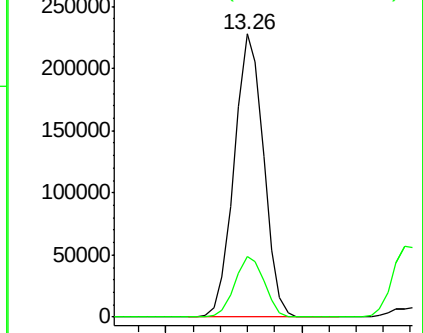
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.002 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

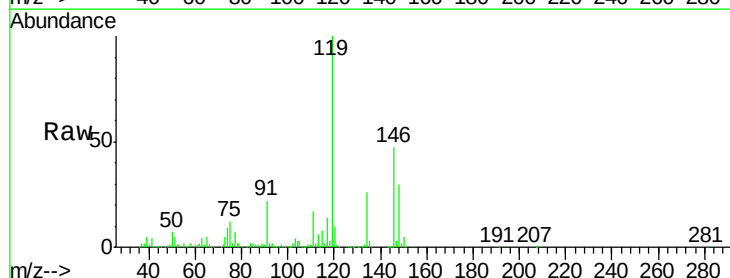
Tgt Ion:119 Resp: 317370

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

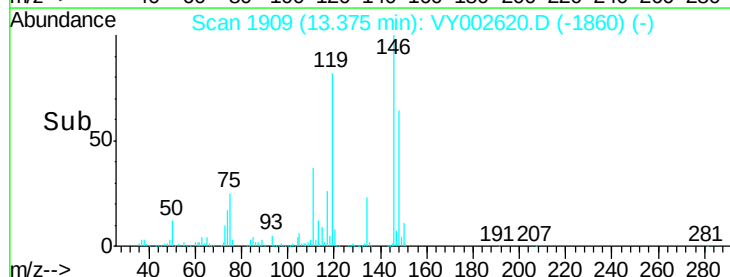
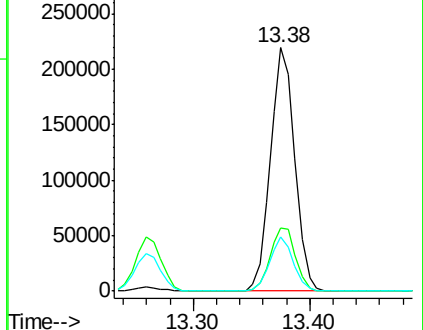
91 21.3 10.9 32.9

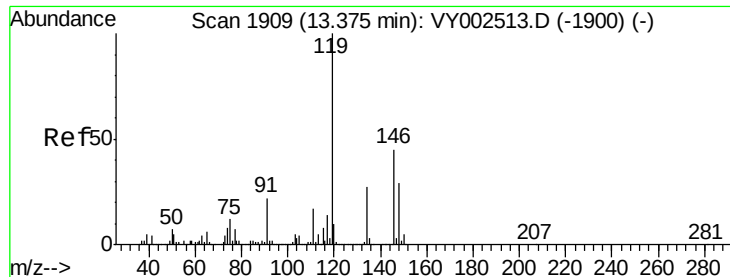


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.980 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

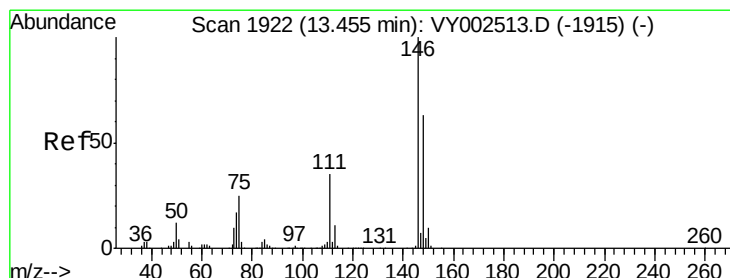
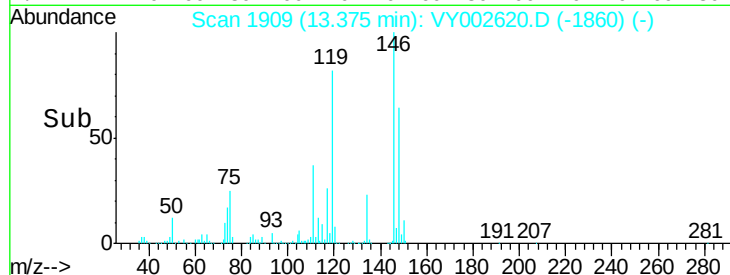
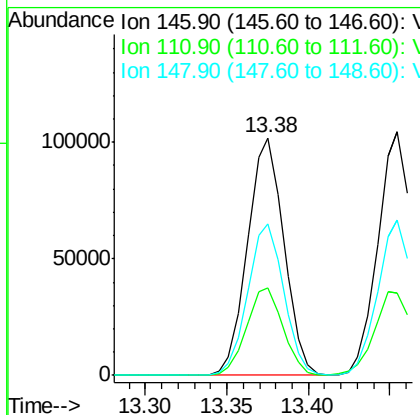
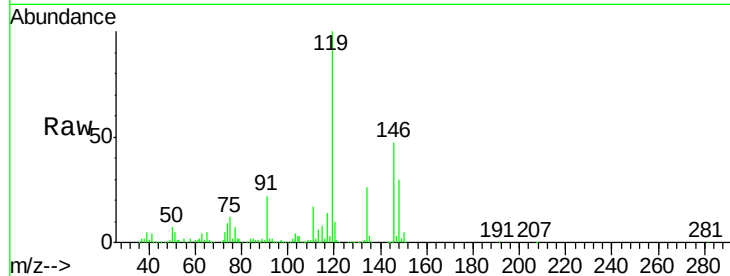
ClientSampleId :

VY0507SBS01

Tot Ion:	146	Resp:	158639
Ion Ratio	Lower	Upper	
146	100		
111	36.9	18.8	56.3
148	63.3	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.986 ug/l

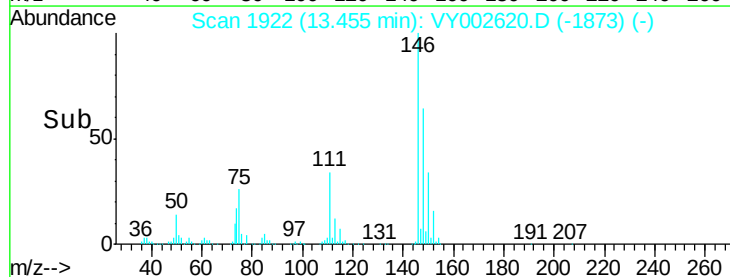
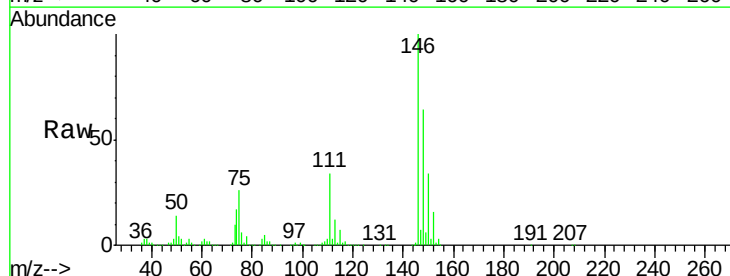
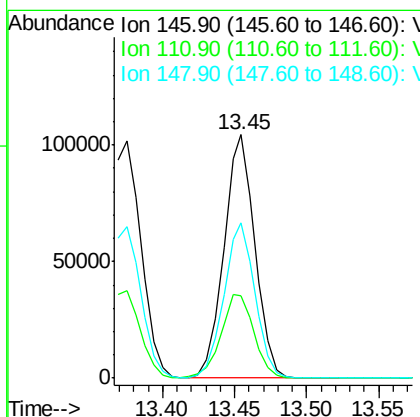
RT: 13.45 min Scan# 1922

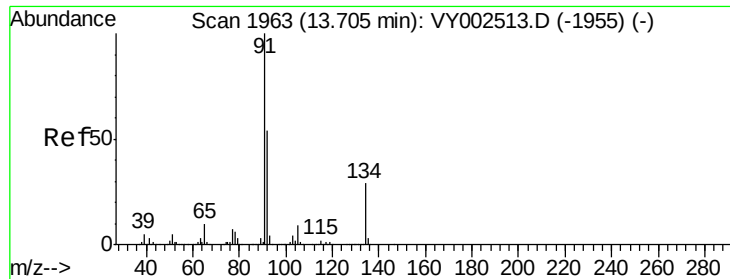
Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Tgt Ion:	146	Resp:	157134
Ion Ratio	Lower	Upper	
146	100		
111	36.5	18.1	54.1
148	64.3	31.9	95.5





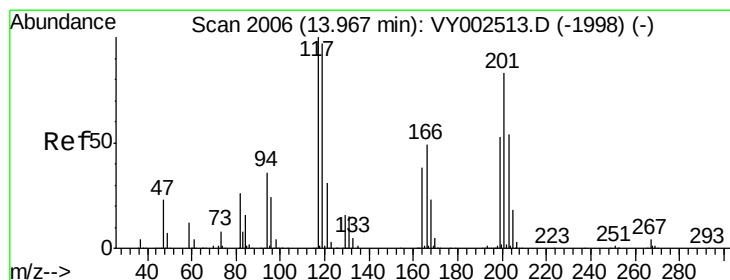
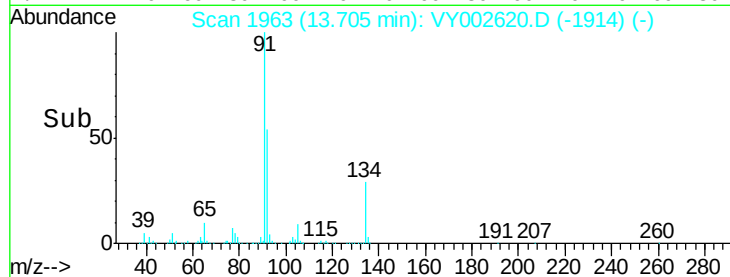
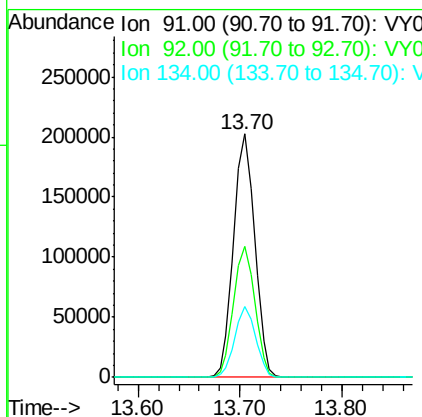
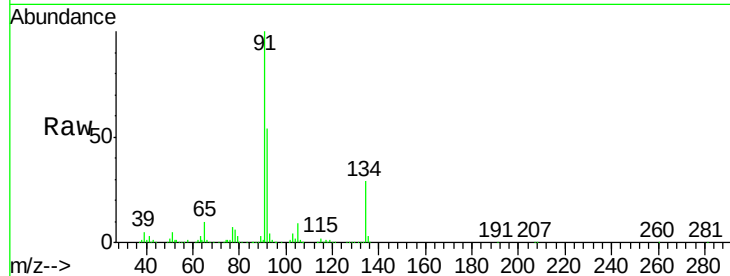
#89
n-Butylbenzene
Concen: 21.214 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	291831		
92	54.1	27.1	81.3	
134	28.6	14.4	43.0	

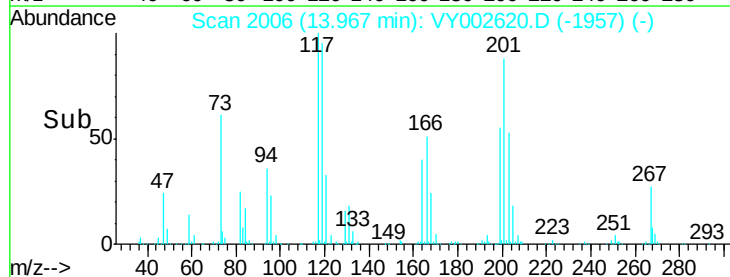
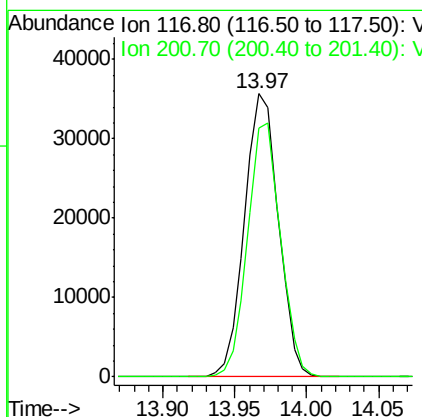
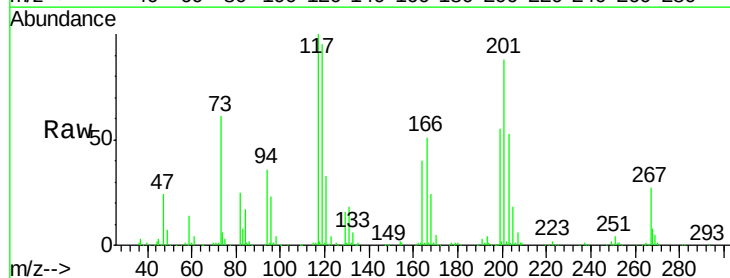
Manual Integrations
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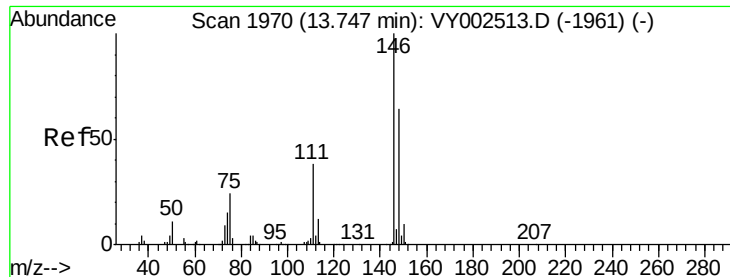
MMDadoda
5/8/2020 1:23:42 PM



#90
Hexachloroethane
Concen: 21.091 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	58042		
201	87.1	44.4	133.2	





#91

1,2-Dichlorobenzene

Concen: 20.913 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

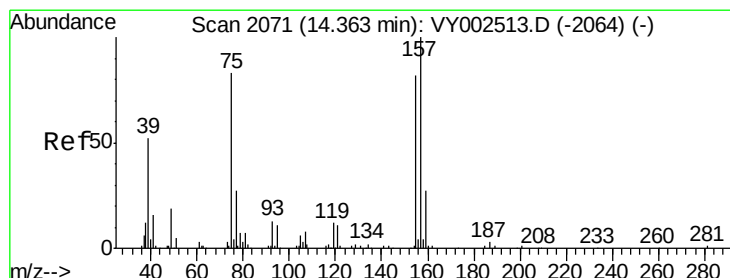
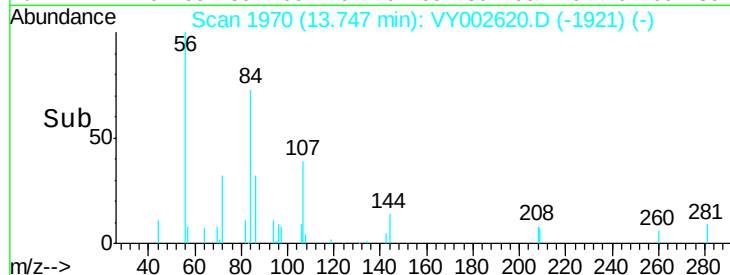
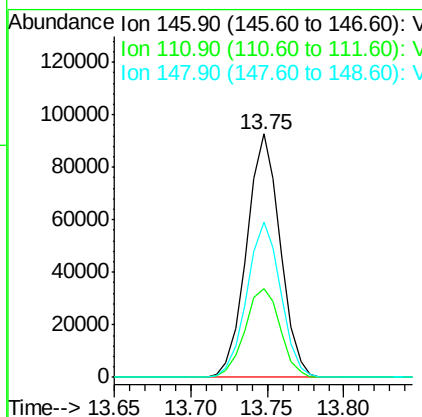
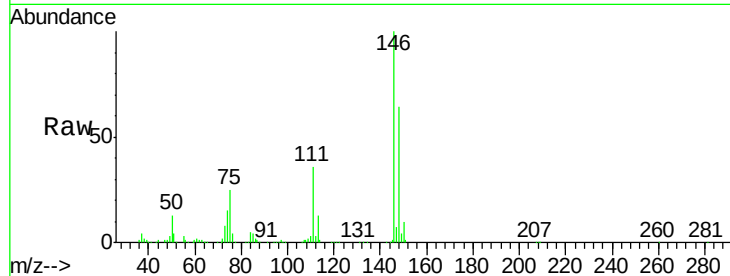
ClientSampleId :

VY0507SBS01

Tot Ion:	146	Resp:	141102
Ion Ratio	Lower	Upper	
146	100		
111	38.4	19.1	57.5
148	64.4	31.9	95.7

Manual Integrations
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5/8/2020 1:23:42 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.151 ug/l

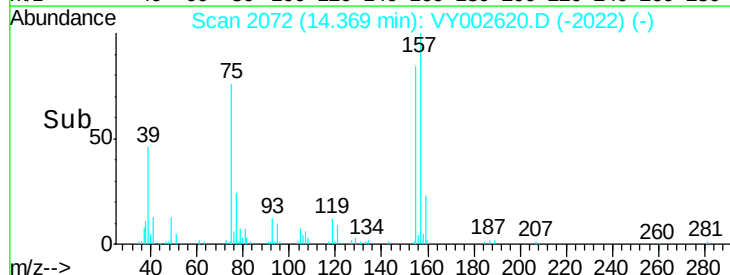
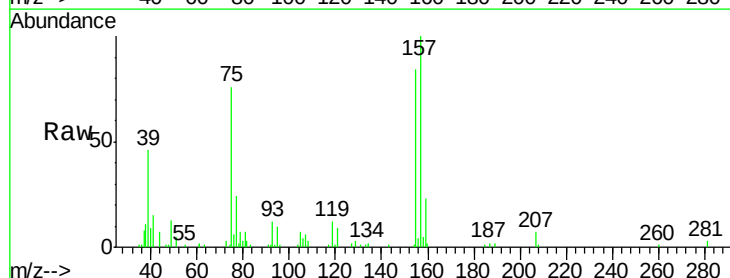
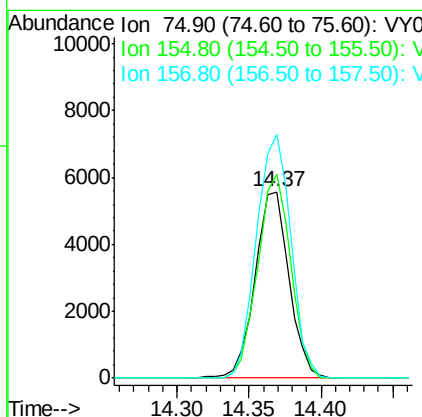
RT: 14.37 min Scan# 2072

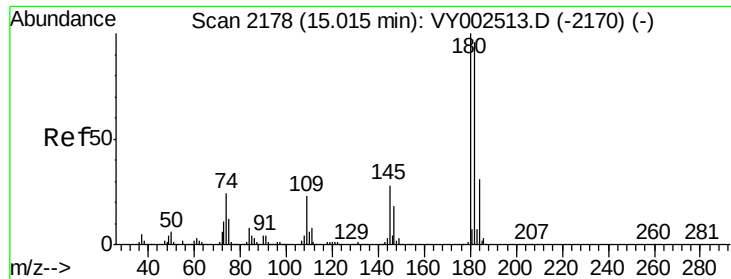
Delta R.T. 0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Tgt Ion:	75	Resp:	9079
Ion Ratio	Lower	Upper	
75	100		
155	106.6	51.3	153.9
157	131.7	65.0	195.0





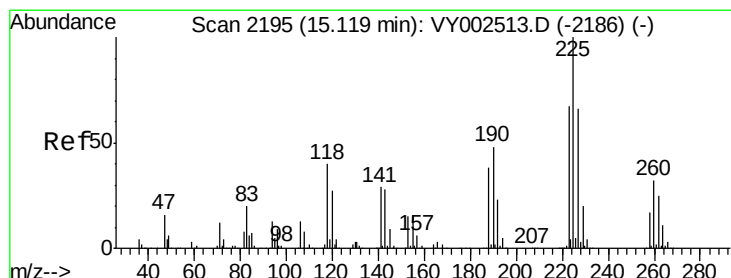
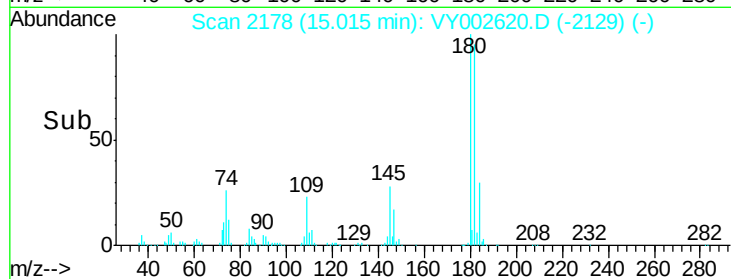
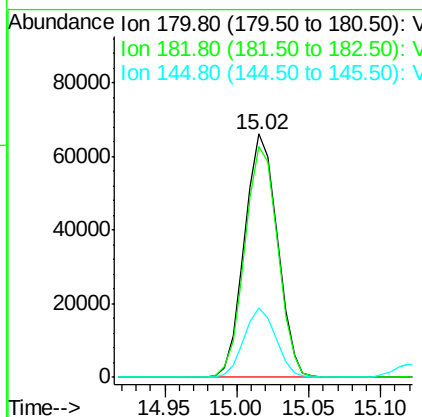
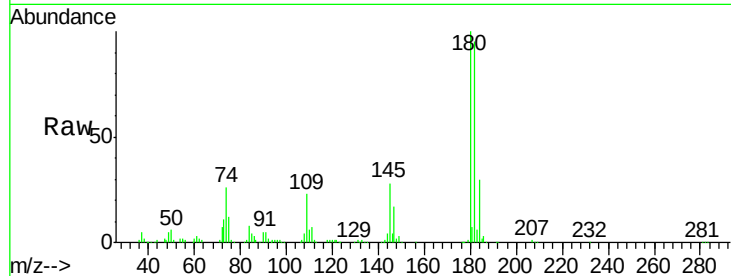
#93
1,2,4-Trichlorobenzene
Concen: 21.389 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	104776		
182	94.9	47.9	143.6	
145	27.7	14.4	43.0	

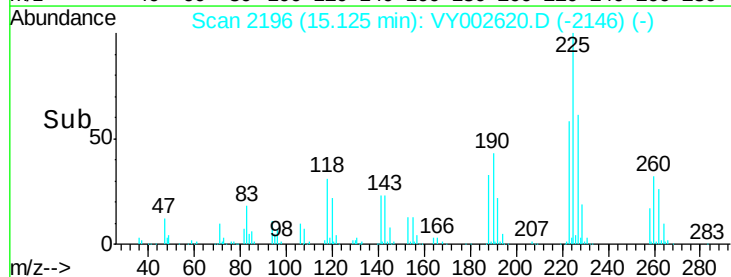
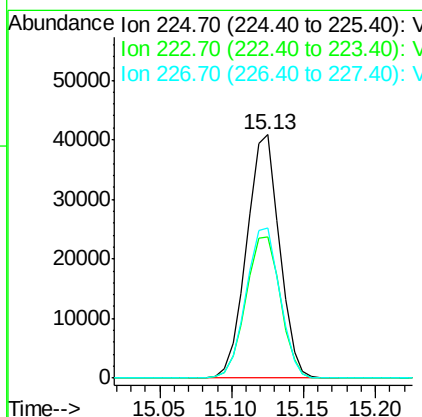
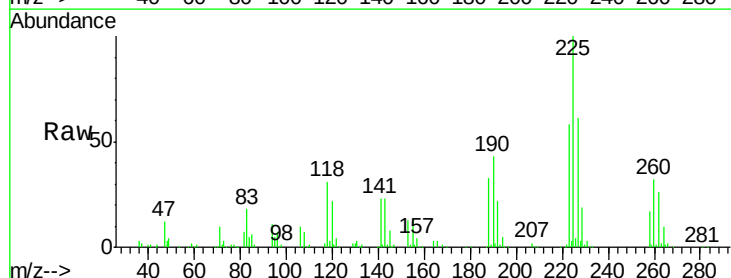
Manual Integrations
APPROVED

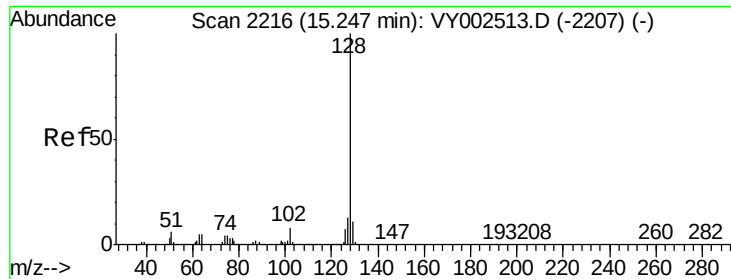
MMDadoda
5/8/2020 1:23:42 PM



#94
Hexachlorobutadiene
Concen: 21.781 ug/l
RT: 15.13 min Scan# 2196
Delta R.T. 0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64045		
223	61.1	32.1	96.5	
227	63.7	32.0	96.2	





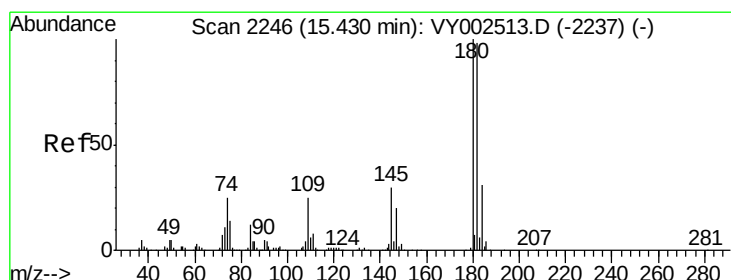
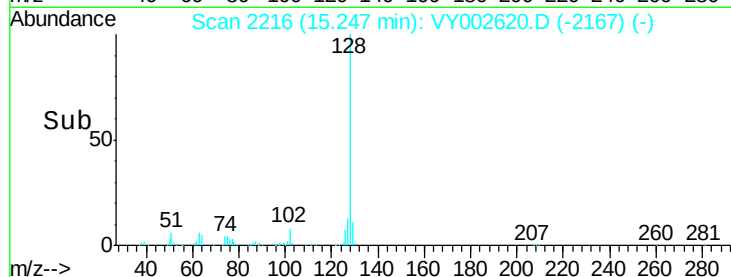
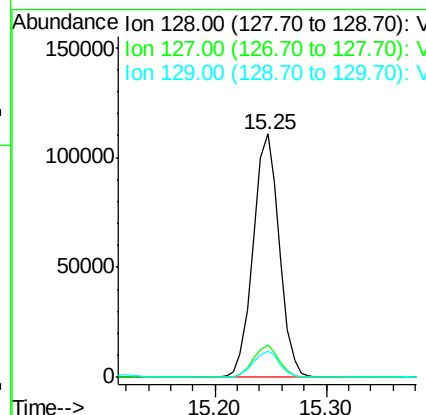
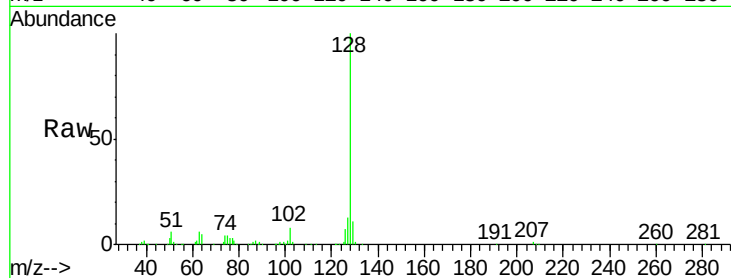
#95
Naphthalene
Concen: 20.155 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	180113		
127	13.1		10.5	15.7
129	10.8		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
5/8/2020 1:23:42 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.694 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	86057		
182	96.3		47.9	143.8
145	30.6		15.0	45.1

