

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
 Data File : VY003455.D
 Acq On : 05 Oct 2020 15:50
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 06 04:04:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 06 04:02:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	462649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	652304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	626077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	355286	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	96672	21.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.72%	
35) Dibromofluoromethane	7.72	113	79191	20.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.24%	
50) Toluene-d8	10.18	98	336842	22.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.36%	
62) 4-Bromofluorobenzene	12.48	95	115909	22.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	81486	21.837	ug/l	97
3) Chloromethane	2.12	50	110071	21.413	ug/l	96
4) Vinyl Chloride	2.26	62	120227	23.146	ug/l	97
5) Bromomethane	2.64	94	119225	29.582	ug/l	97
6) Chloroethane	2.79	64	70132	21.524	ug/l	97
7) Trichlorofluoromethane	3.13	101	141972	20.489	ug/l	98
8) Diethyl Ether	3.54	74	46819	19.547	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	78850	19.256	ug/l	99
10) Methyl Iodide	4.10	142	27353	6.228	ug/l	99
11) Tert butyl alcohol	4.97	59	47385	100.243	ug/l	99
12) 1,1-Dichloroethene	3.88	96	75533	18.988	ug/l	98
13) Acrolein	3.74	56	46292	100.465	ug/l	100
14) Allyl chloride	4.49	41	136895	20.270	ug/l	99
15) Acrylonitrile	5.17	53	113819	95.972	ug/l	98
16) Acetone	3.95	43	112792	102.991	ug/l	97
17) Carbon Disulfide	4.19	76	247592	19.061	ug/l	100
18) Methyl Acetate	4.49	43	58332	20.387	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	203229	18.519	ug/l	100
20) Methylene Chloride	4.72	84	100079	13.789	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	92258	20.344	ug/l	96
22) Diisopropyl ether	6.13	45	262644	18.845	ug/l	99
23) Vinyl Acetate	6.07	43	957248	103.103	ug/l	100
24) 1,1-Dichloroethane	6.03	63	158326	20.006	ug/l	99
25) 2-Butanone	6.99	43	170895	103.477	ug/l	100
26) 2,2-Dichloropropane	6.99	77	143227	20.260	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	99978	20.046	ug/l	99
28) Bromochloromethane	7.34	49	76502	23.593	ug/l	98
29) Tetrahydrofuran	7.35	42	102806	97.143	ug/l	99
30) Chloroform	7.51	83	162681	20.642	ug/l	98
31) Cyclohexane	7.78	56	136895	18.067	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	147479	20.485	ug/l	99
36) 1,1-Dichloropropene	7.92	75	127643	20.861	ug/l	100
37) Ethyl Acetate	7.08	43	76277	21.722	ug/l	99
38) Carbon Tetrachloride	7.91	117	136418	21.594	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	139932	18.977	ug/l	98
40) Benzene	8.16	78	361155	21.163	ug/l	99
41) Methacrylonitrile	7.35	41	100720	51.410	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	117098	22.341	ug/l	100
43) Isopropyl Acetate	8.28	43	143153	21.571	ug/l	99
44) Trichloroethene	8.94	130	106278	21.613	ug/l	97
45) 1,2-Dichloropropane	9.22	63	91904	20.671	ug/l	99
46) Dibromomethane	9.31	93	52511	20.957	ug/l	99
47) Bromodichloromethane	9.50	83	128336	21.304	ug/l	98
48) Methyl methacrylate	9.29	41	67363	22.271	ug/l	99
49) 1,4-Dioxane	9.30	88	12576	393.146	ug/l #	88
51) 4-Methyl-2-Pentanone	10.07	43	384707	110.217	ug/l	100
52) Toluene	10.24	92	232840	21.677	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	137808	21.406	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	152079	20.934	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	75736	21.573	ug/l	97
56) Ethyl methacrylate	10.51	69	100759	20.745	ug/l	100
57) 1,3-Dichloropropane	10.79	76	131280	21.459	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	270071	117.320	ug/l	100
59) 2-Hexanone	10.83	43	270628	111.051	ug/l	99
60) Dibromochloromethane	10.99	129	95608	21.628	ug/l	98
61) 1,2-Dibromoethane	11.09	107	72516	21.257	ug/l	99
64) Tetrachloroethene	10.72	164	116288	22.084	ug/l	97
65) Chlorobenzene	11.52	112	259702	21.255	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	97490	20.521	ug/l	99
67) Ethyl Benzene	11.59	91	461247	20.944	ug/l	99
68) m/p-Xylenes	11.70	106	352150	42.320	ug/l	100
69) o-Xylene	12.03	106	165101	21.217	ug/l	99
70) Styrene	12.04	104	283259	21.241	ug/l	100
71) Bromoform	12.20	173	66279	21.399	ug/l #	100
73) Isopropylbenzene	12.33	105	456660	20.120	ug/l	99
74) N-amyl acetate	12.14	43	131365	19.700	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	88977	19.880	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	125987	39.820	ug/l #	100
77) Bromobenzene	12.61	156	120647	20.824	ug/l	98
78) n-propylbenzene	12.67	91	541432	19.985	ug/l	99
79) 2-Chlorotoluene	12.75	91	306354	20.306	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	392682	20.518	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	33626	20.107	ug/l	97
82) 4-Chlorotoluene	12.85	91	326312	20.802	ug/l	98
83) tert-Butylbenzene	13.07	119	340026	20.501	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	399684	20.806	ug/l	100
85) sec-Butylbenzene	13.25	105	469459	20.358	ug/l	99
86) p-Isopropyltoluene	13.37	119	452532	20.899	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	232390	20.947	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	231103	21.159	ug/l	99
89) n-Butylbenzene	13.69	91	413554	20.366	ug/l	100
90) Hexachloroethane	13.96	117	70319	17.498	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	210176	21.430	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17055	23.051	ug/l	96

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Response via : Initial Calibration

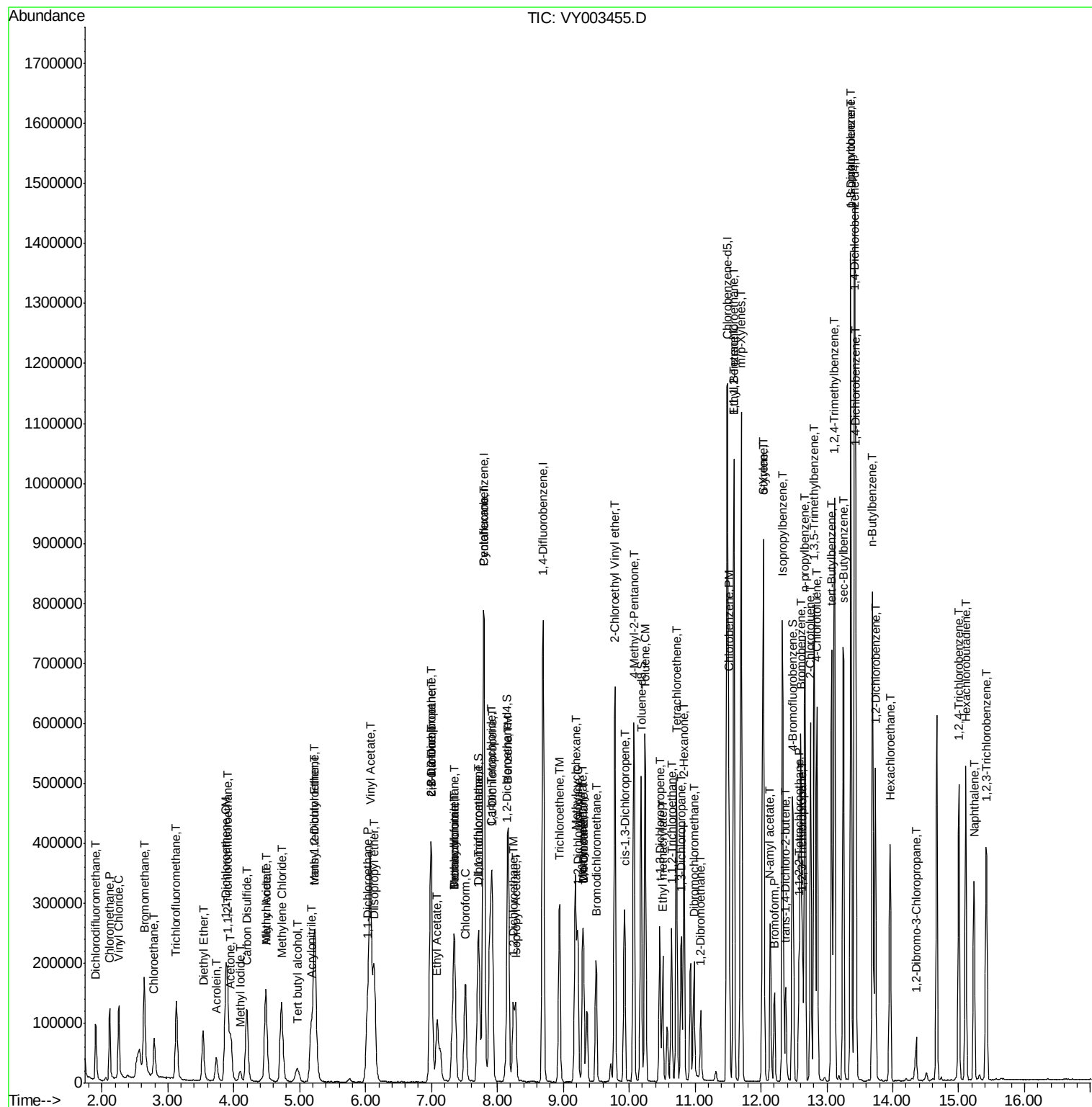
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	156906	22.434	ug/l	99
94) Hexachlorobutadiene	15.11	225	104472	22.647	ug/l	99
95) Naphthalene	15.23	128	276195	23.089	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	137652	24.066	ug/l	99

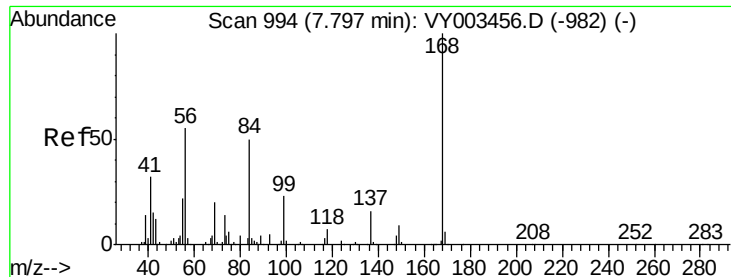
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

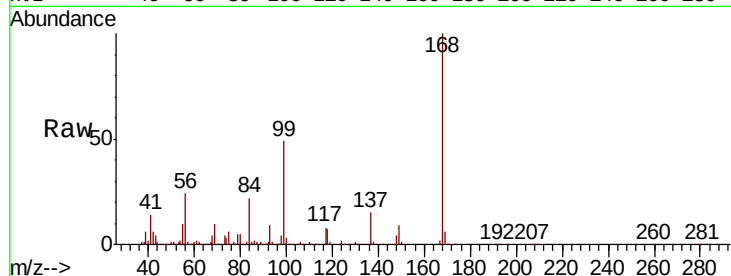
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 462649

Ion Ratio Lower Upper

168 100

99 48.6 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VY003455.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003455.D (-945) (-)

7.80

200000

150000

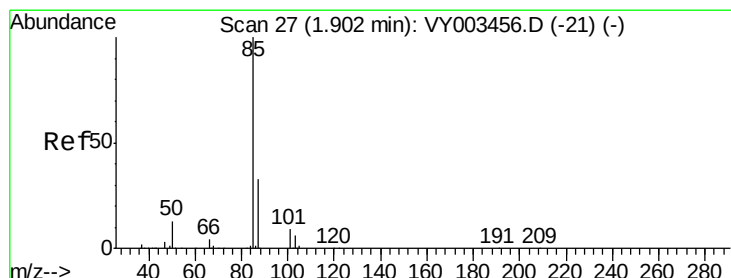
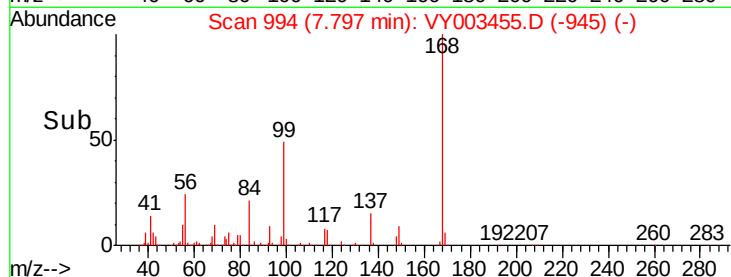
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.837 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003455.D

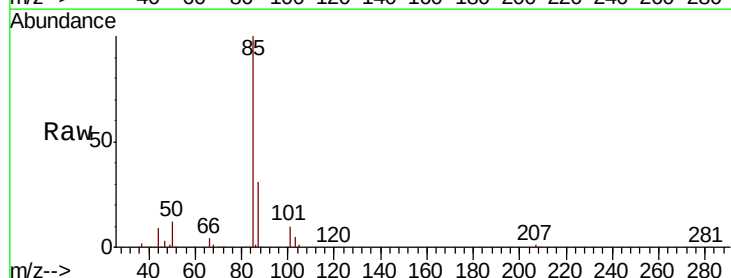
Acq: 05 Oct 2020 15:50

Tgt Ion: 85 Resp: 81486

Ion Ratio Lower Upper

85 100

87 31.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY003455.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003455.D (-1) (-)

1.90

60000

50000

40000

30000

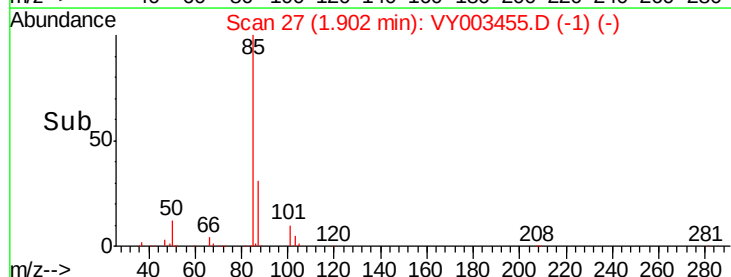
20000

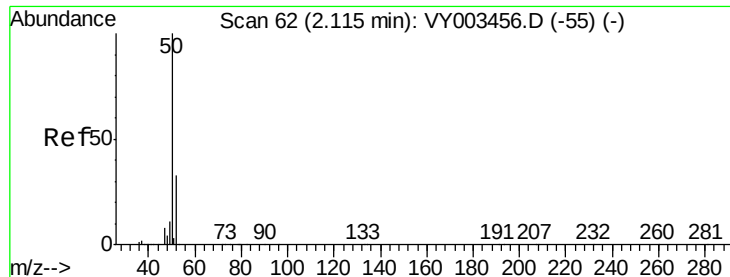
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.413 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

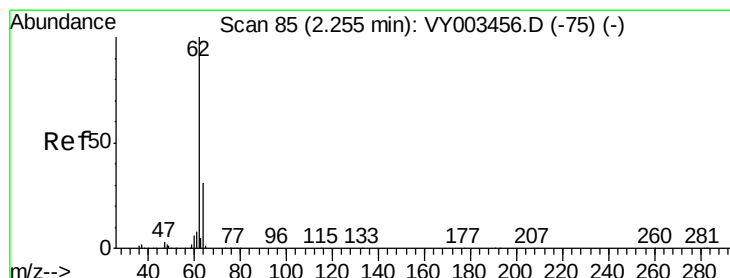
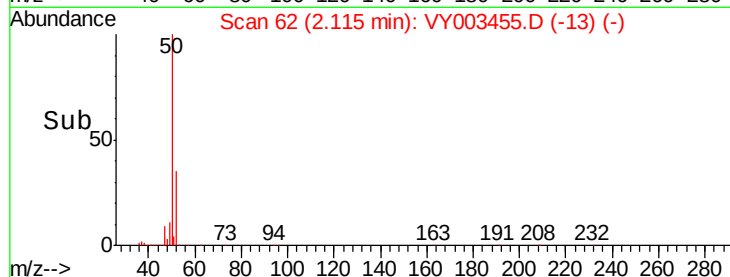
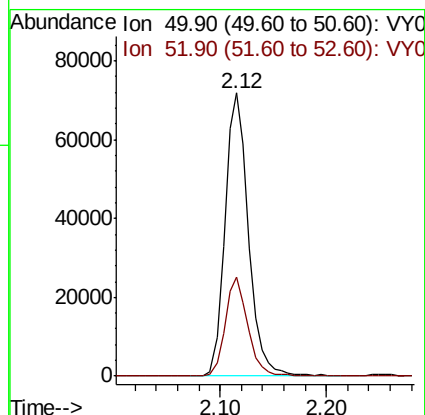
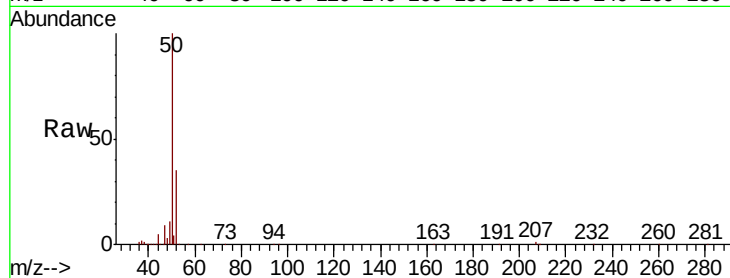
ClientSampleId :

Tot Ion: 50 Resp: 110071

Ion Ratio Lower Upper

50 100

52 35.1 26.4 39.6



#4

Vinyl Chloride

Concen: 23.146 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003455.D

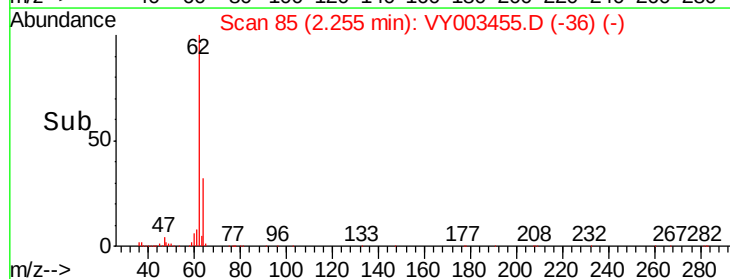
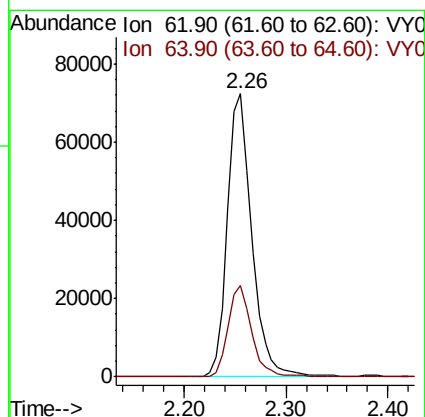
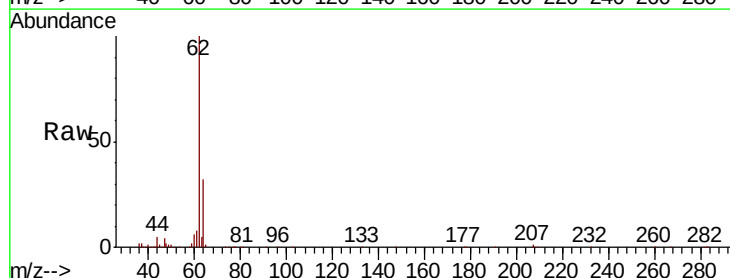
Acq: 05 Oct 2020 15:50

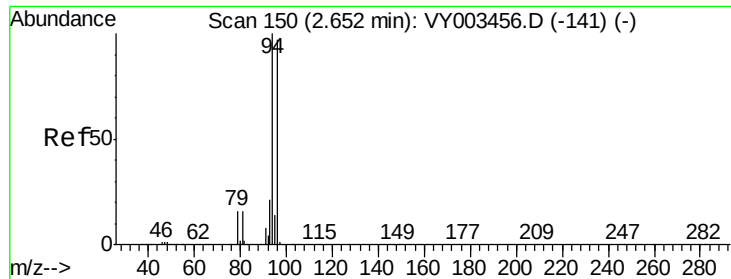
Tgt Ion: 62 Resp: 120227

Ion Ratio Lower Upper

62 100

64 32.2 24.6 36.8





#5

Bromomethane

Concen: 29.582 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

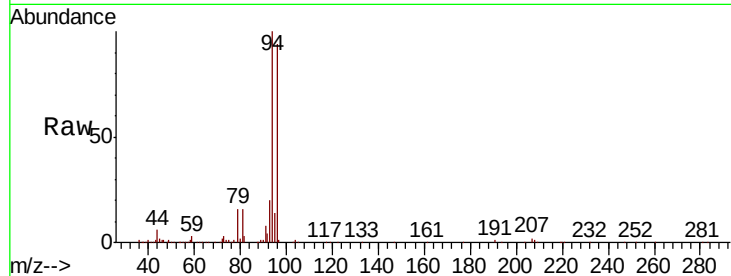
ClientSampleId :

Tot Ion: 94 Resp: 119225

Ion Ratio Lower Upper

94 100

96 93.9 77.4 116.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

60000

50000

40000

30000

20000

10000

0

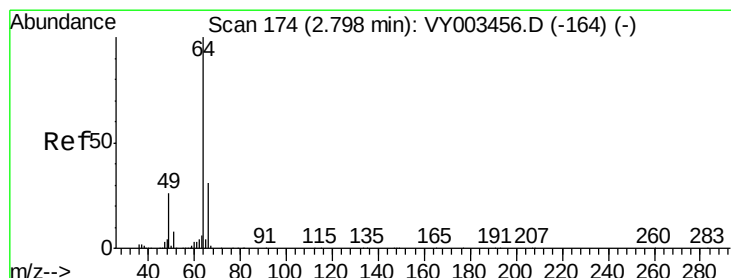
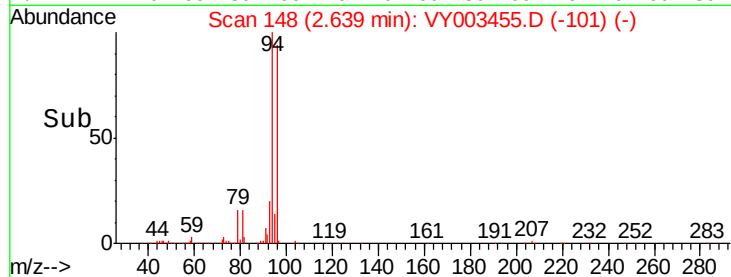
Time-->

2.50

2.60

2.70

2.80



#6

Chloroethane

Concen: 21.524 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003455.D

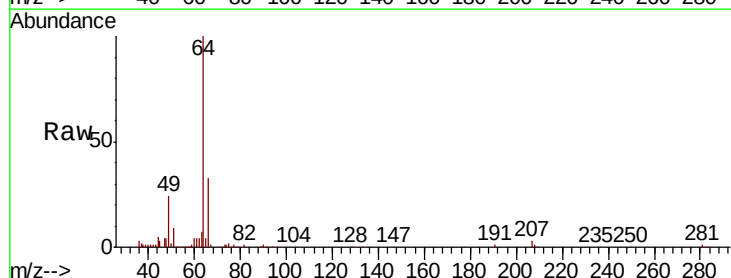
Acq: 05 Oct 2020 15:50

Tgt Ion: 64 Resp: 70132

Ion Ratio Lower Upper

64 100

66 32.9 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

30000

20000

10000

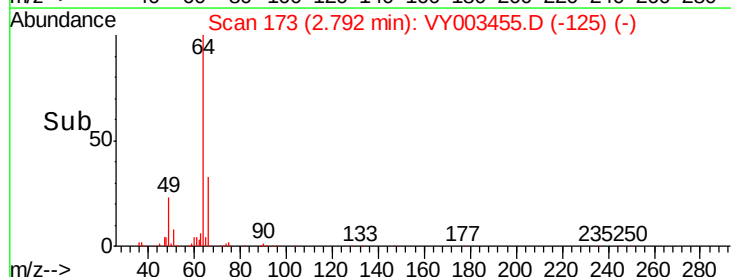
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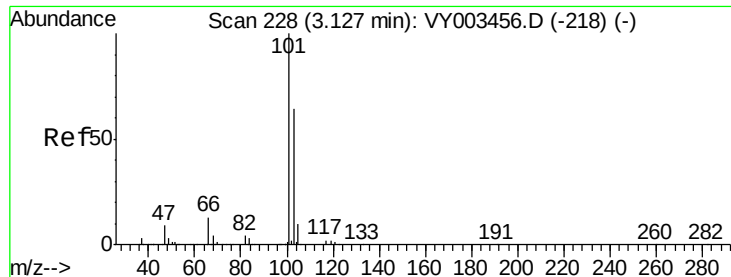
Time-->

2.70

2.80

2.90



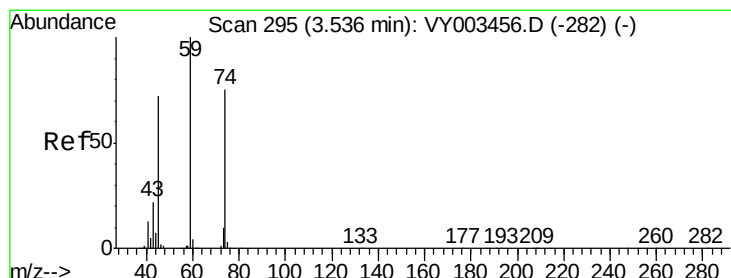
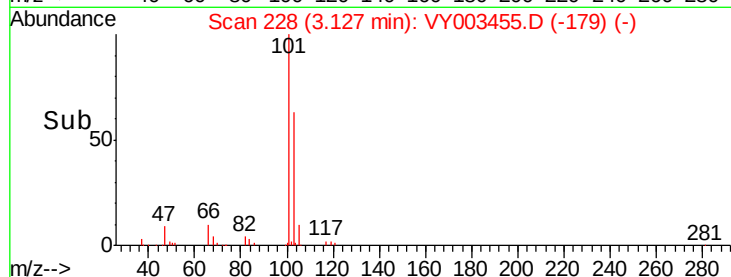
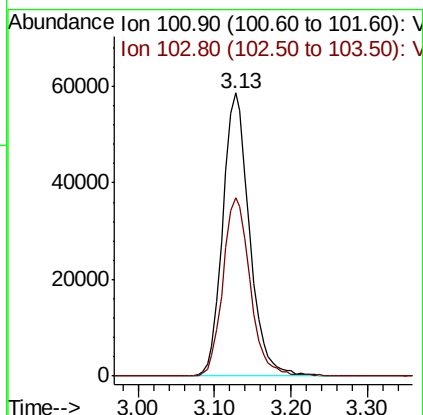
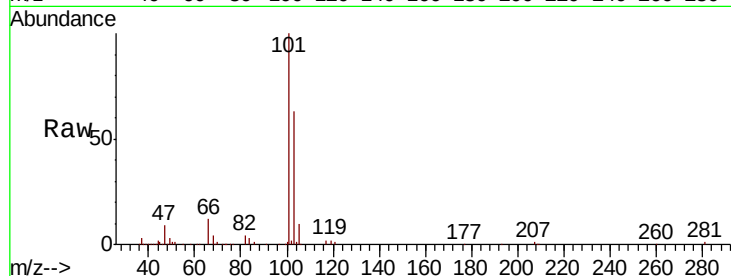


#7

Trichlorofluoromethane
 Concen: 20.489 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Instrument :
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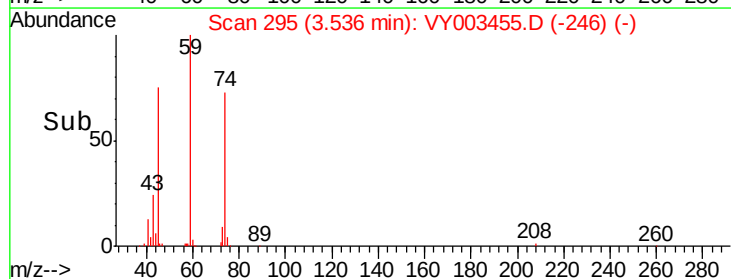
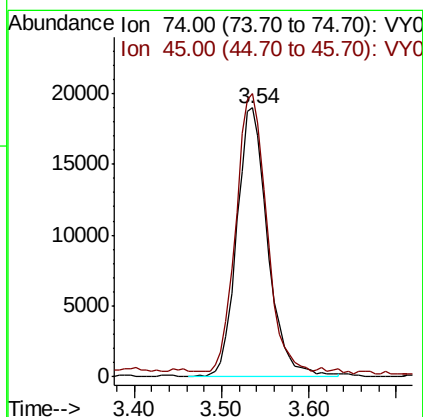
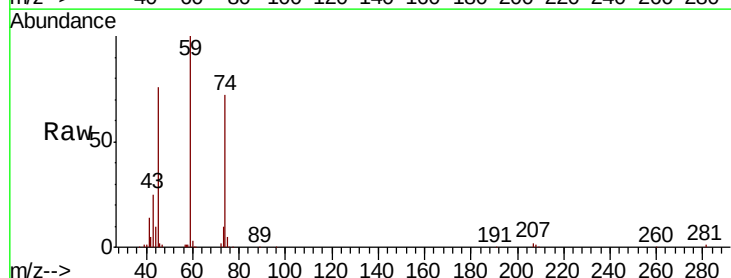
Tot Ion:101 Resp: 141972
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.6 77.4

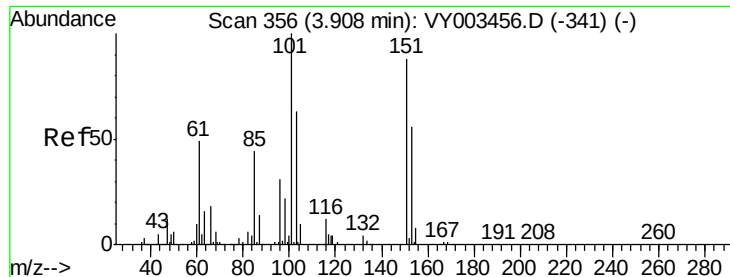


#8

Diethyl Ether
 Concen: 19.547 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion: 74 Resp: 46819
 Ion Ratio Lower Upper
 74 100
 45 101.7 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.256 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

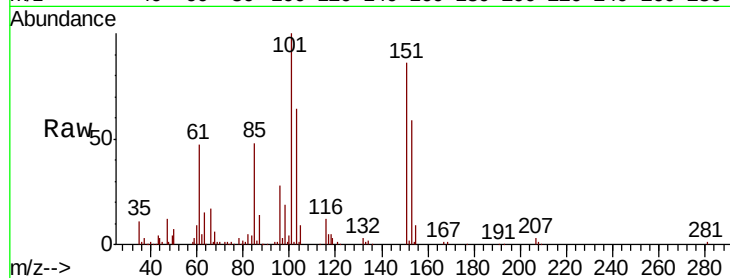
Tot Ion:101 Resp: 78850

Ion Ratio Lower Upper

101 100

85 45.6 35.5 53.3

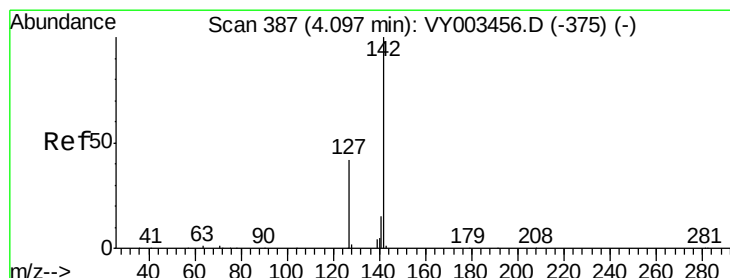
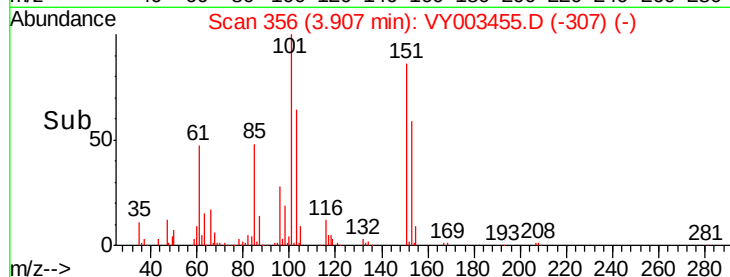
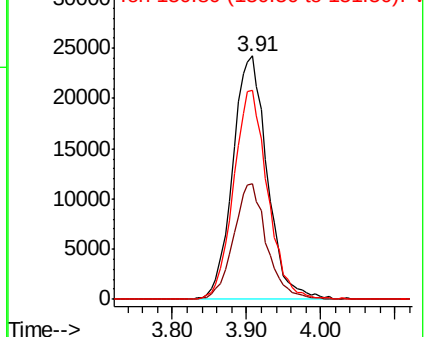
151 84.7 67.9 101.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 6.228 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

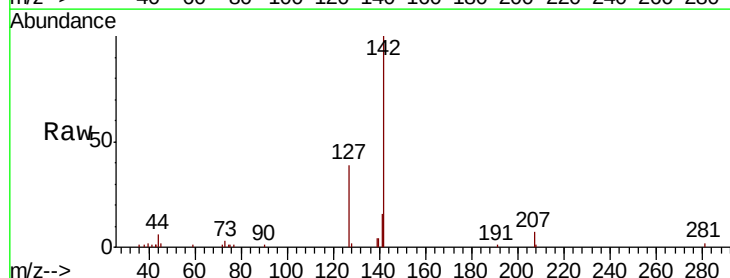
Tgt Ion:142 Resp: 27353

Ion Ratio Lower Upper

142 100

127 43.2 34.9 52.3

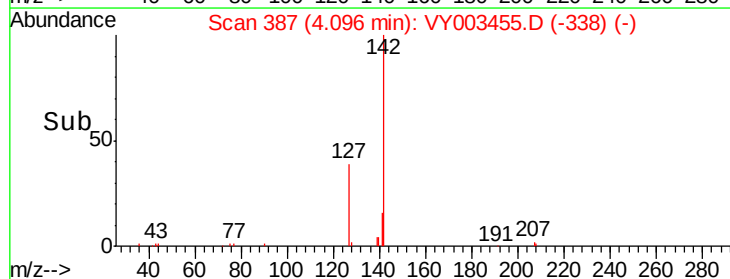
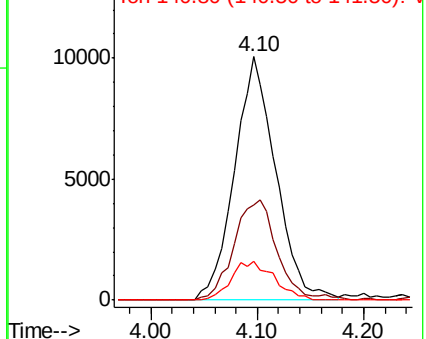
141 16.4 11.9 17.9

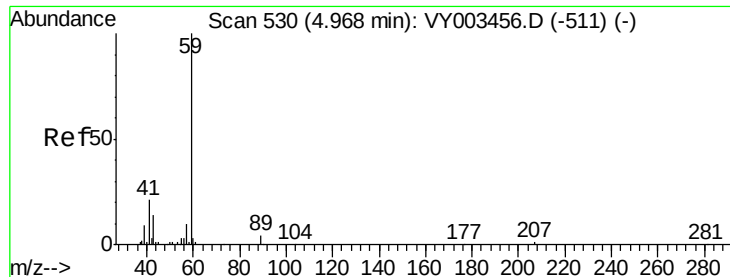


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

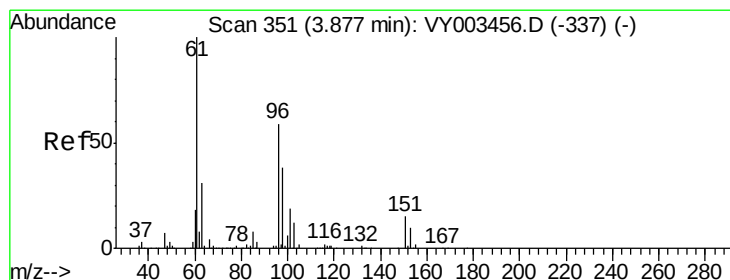
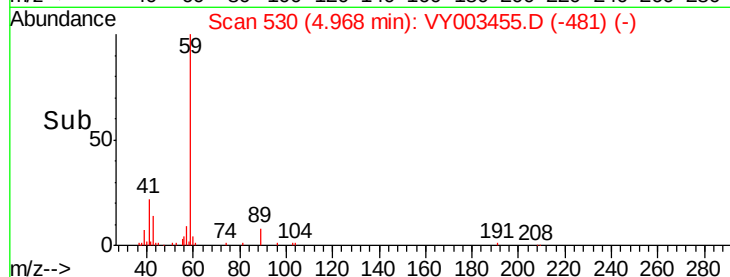
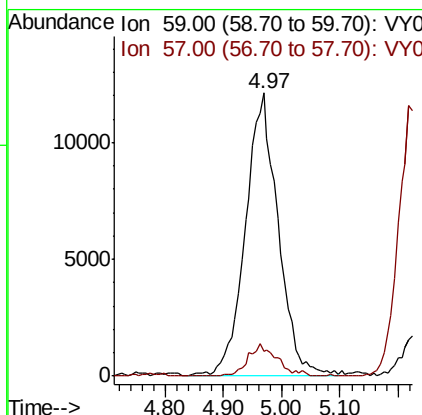
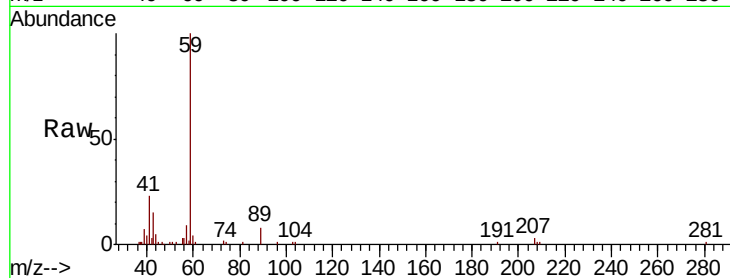




#11
Tert butyl alcohol
Concen: 100.243 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

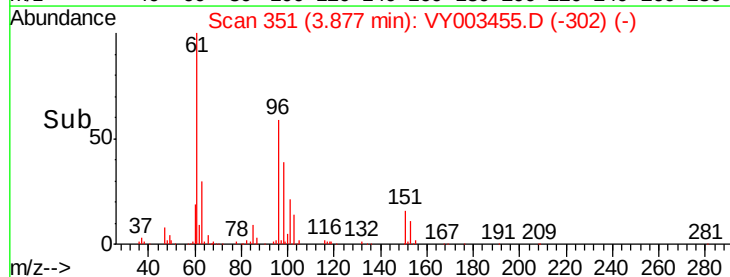
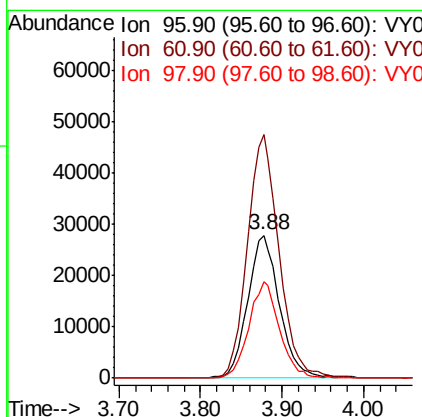
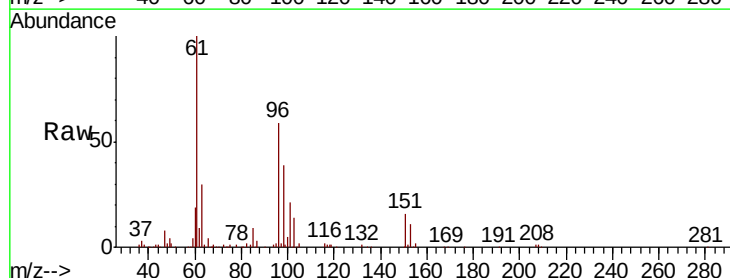
Instrument :
MSVOA_Y
ClientSampled :

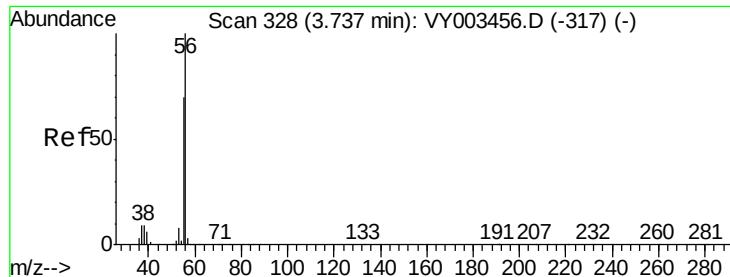
Tot Ion: 59 Resp: 47385
Ion Ratio Lower Upper
59 100
57 10.0 8.4 12.6



#12
1,1-Dichloroethene
Concen: 18.988 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion: 96 Resp: 75533
Ion Ratio Lower Upper
96 100
61 170.1 134.6 202.0
98 67.2 51.1 76.7





#13

Acrolein

Concen: 100.465 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

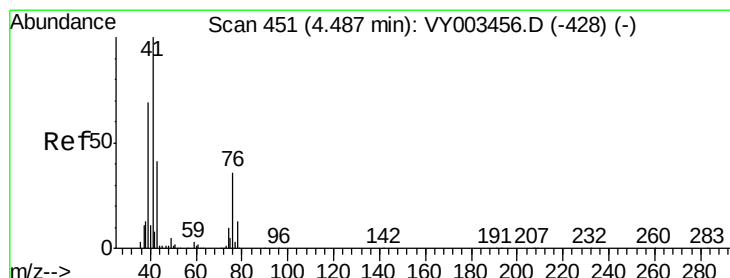
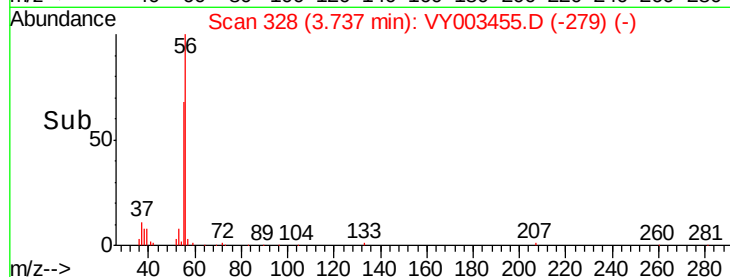
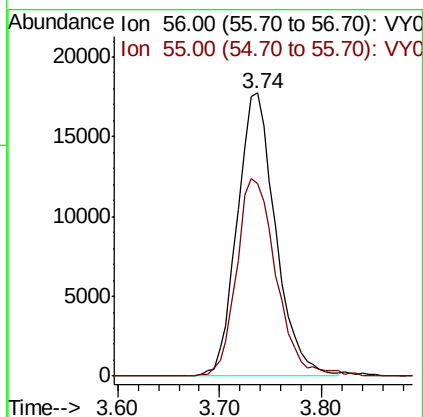
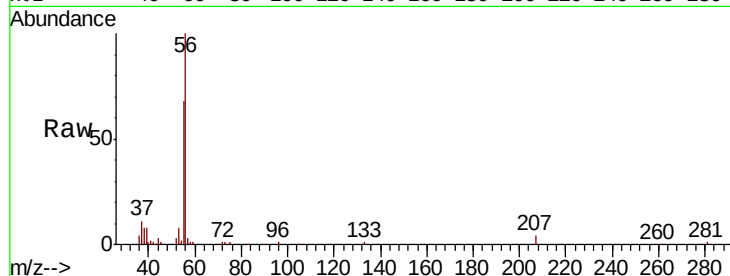
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 46292

Ion Ratio Lower Upper

56 100

55 72.4 57.9 86.9



#14

Allyl chloride

Concen: 20.270 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

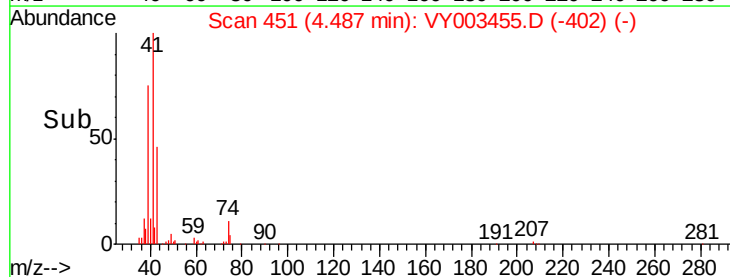
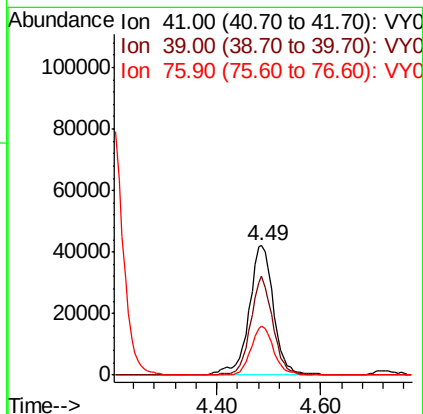
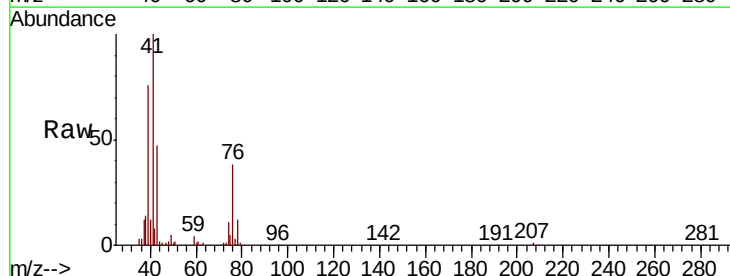
Tgt Ion: 41 Resp: 136895

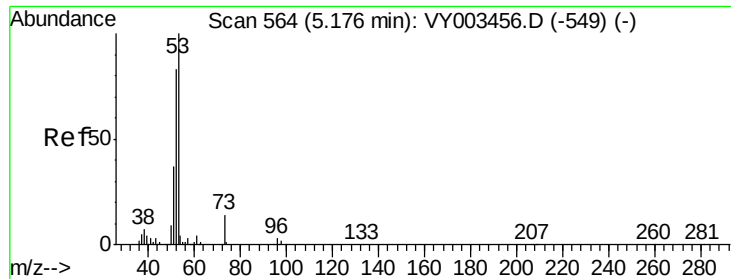
Ion Ratio Lower Upper

41 100

39 69.0 54.6 82.0

76 34.6 27.5 41.3



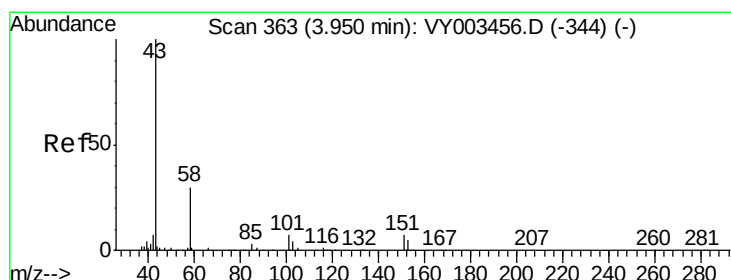
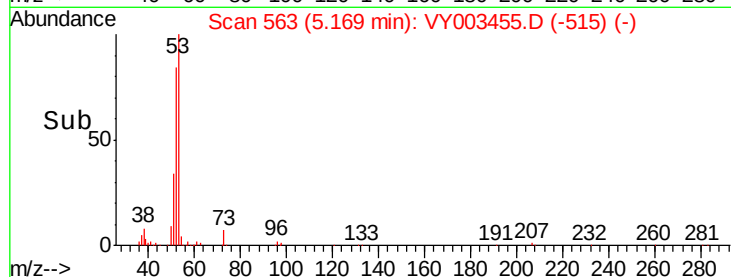
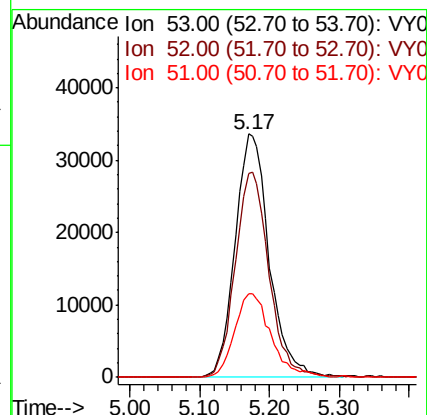
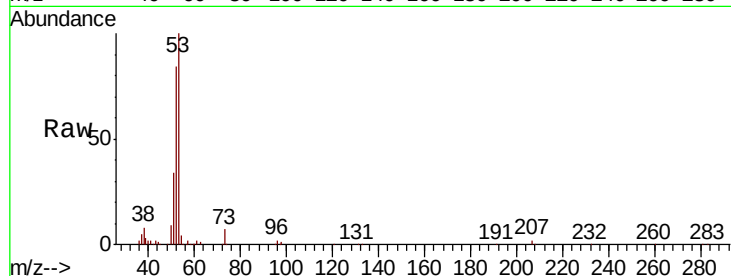


#15
 Acrylonitrile
 Concen: 95.972 ug/l
 RT: 5.17 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 53 Resp: 113819

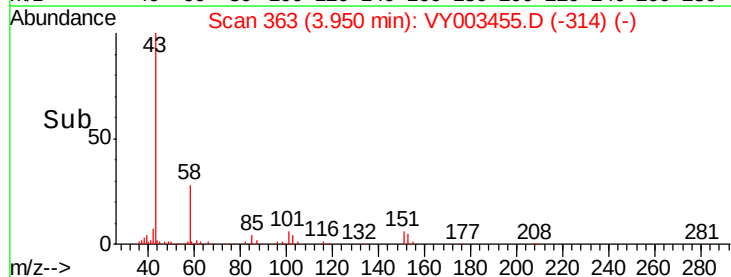
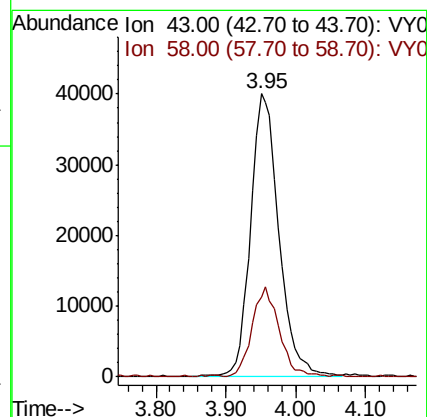
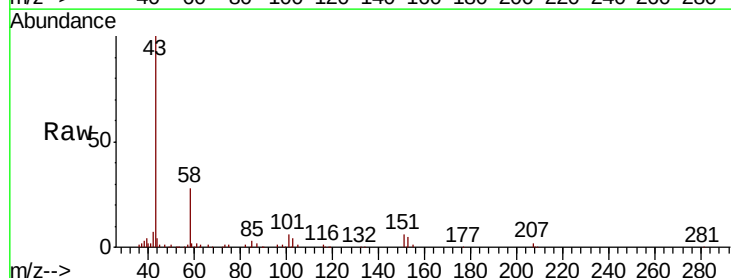
Ion	Ratio	Lower	Upper
53	100		
52	83.3	67.8	101.8
51	36.7	30.1	45.1

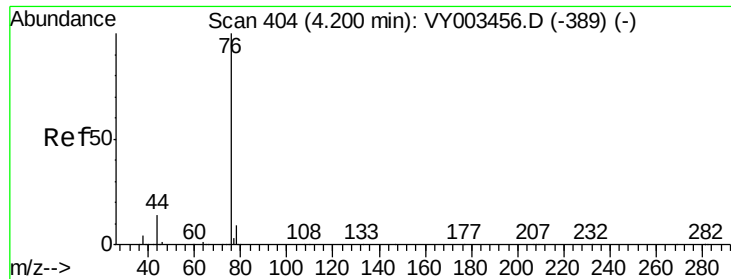


#16
 Acetone
 Concen: 102.991 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion: 43 Resp: 112792

Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.8	35.8

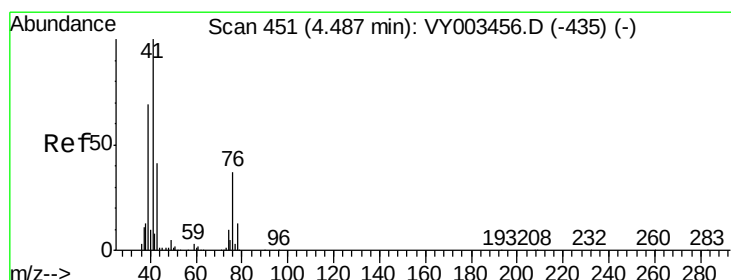
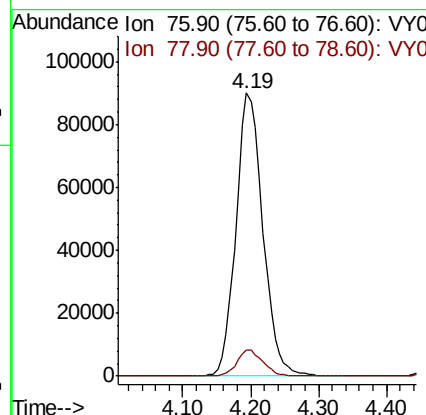
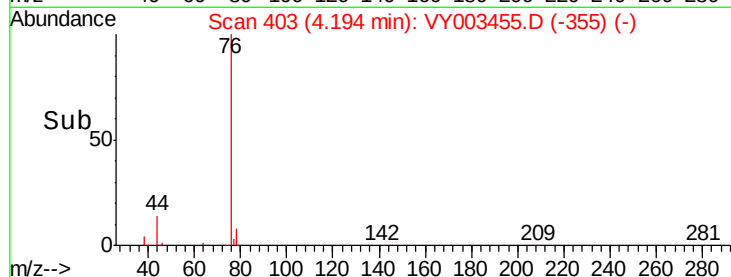
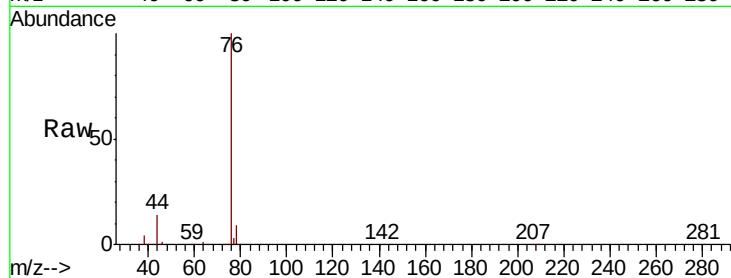




#17
Carbon Disulfide
Concen: 19.061 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

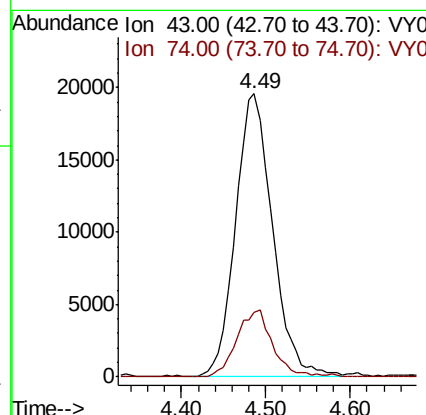
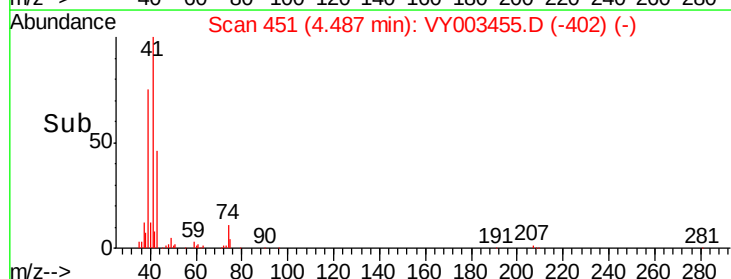
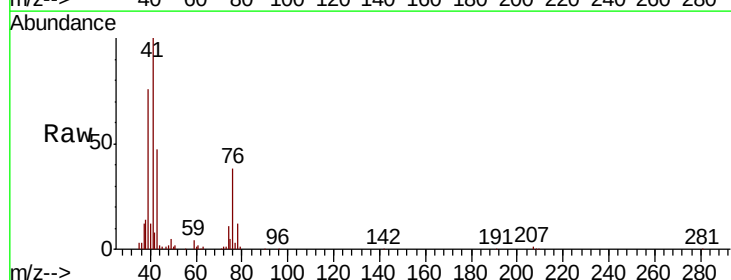
Instrument :
MSVOA_Y
ClientSampled :

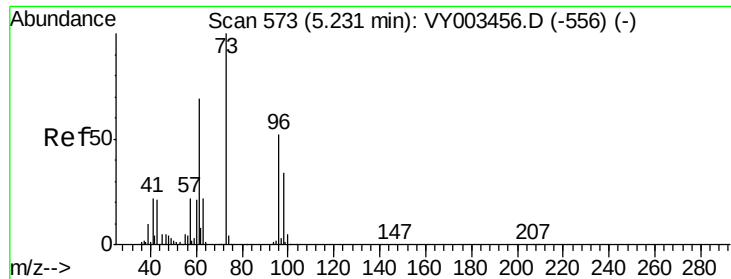
Tot Ion: 76 Resp: 247592
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 20.387 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion: 43 Resp: 58332
Ion Ratio Lower Upper
43 100
74 22.8 18.0 27.0

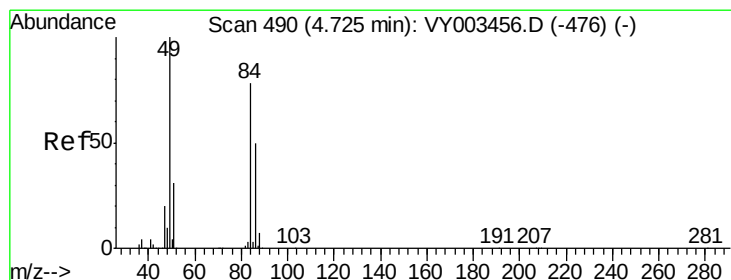
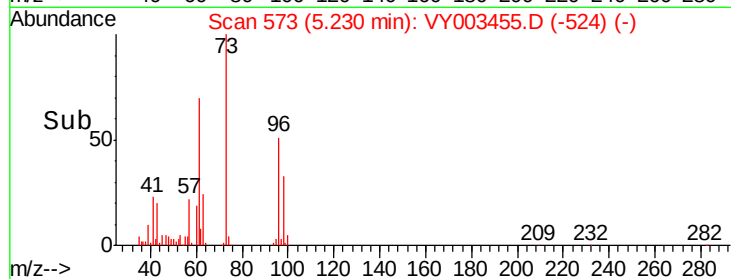
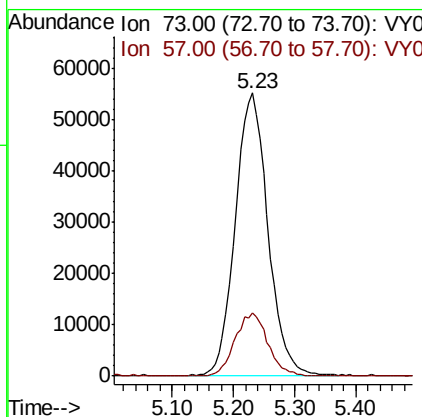
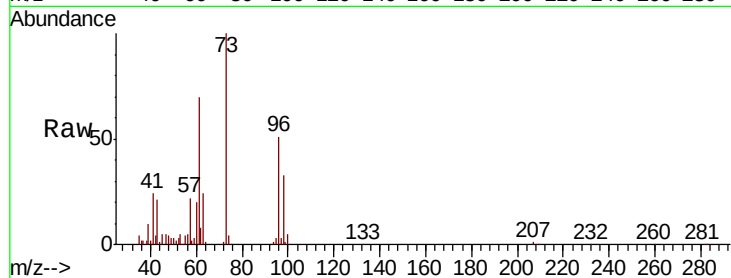




#19
Methyl tert-butyl Ether
Concen: 18.519 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

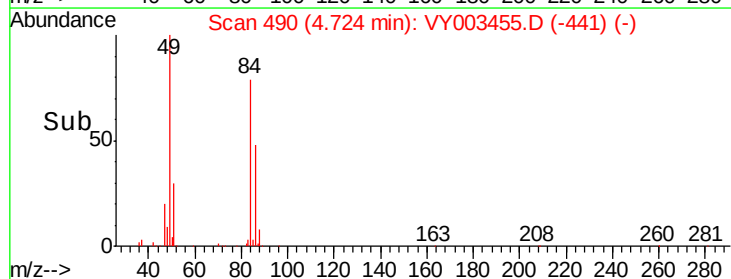
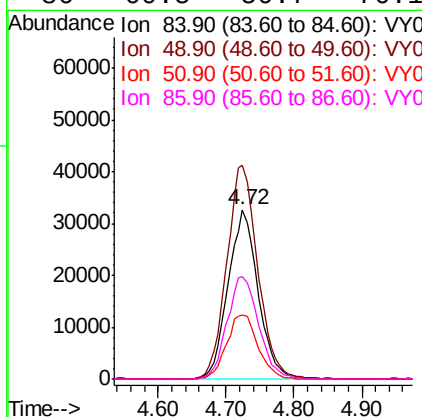
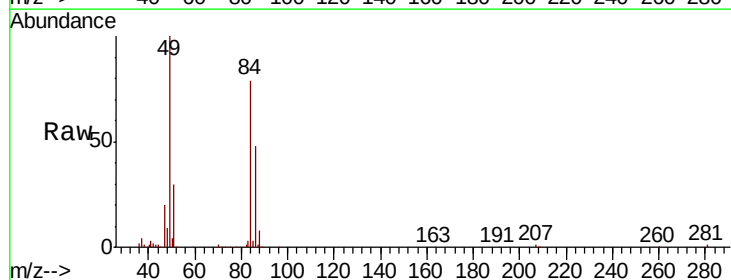
Instrument :
MSVOA_Y
ClientSampleId :

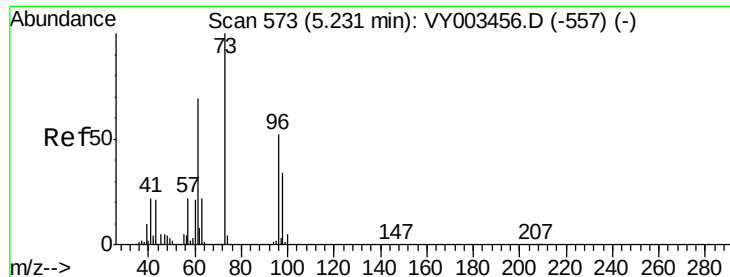
Tot Ion: 73 Resp: 203229
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9



#20
Methylene Chloride
Concen: 13.789 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion: 84 Resp: 100079
Ion Ratio Lower Upper
84 100
49 126.3 102.2 153.2
51 37.7 32.0 48.0
86 60.5 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 20.344 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

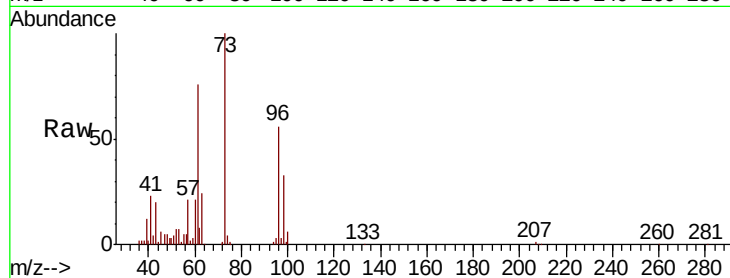
Tot Ion: 96 Resp: 92258

Ion Ratio Lower Upper

96 100

61 137.5 107.6 161.4

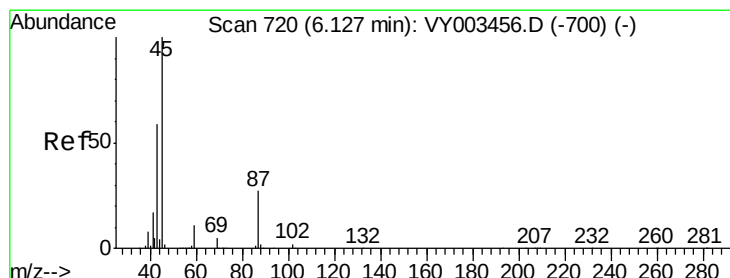
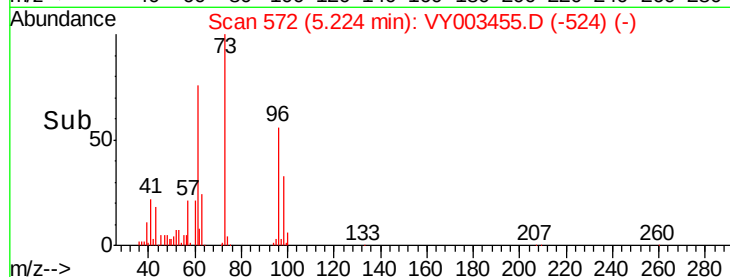
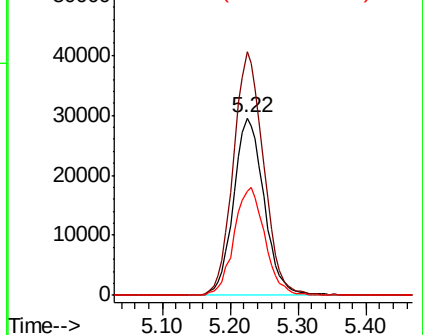
98 58.8 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 18.845 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Tgt Ion: 45 Resp: 262644

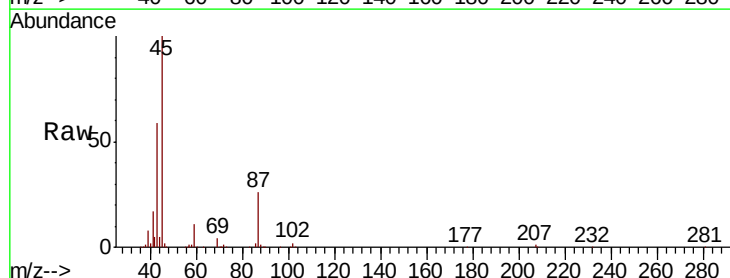
Ion Ratio Lower Upper

45 100

43 59.2 47.5 71.3

87 25.6 22.2 33.2

59 11.4 9.0 13.4

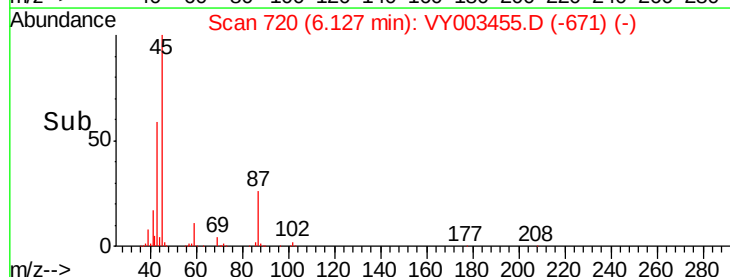
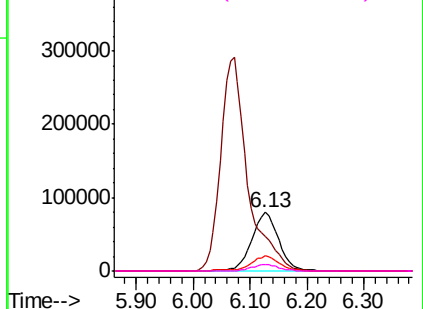


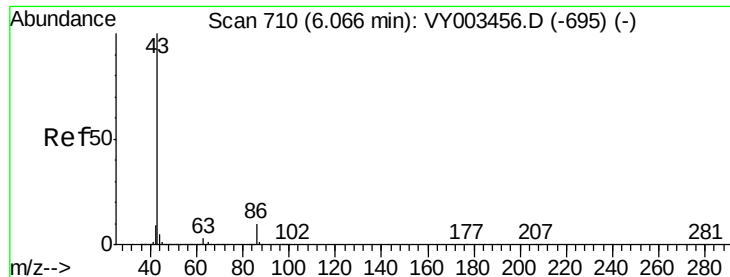
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 103.103 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

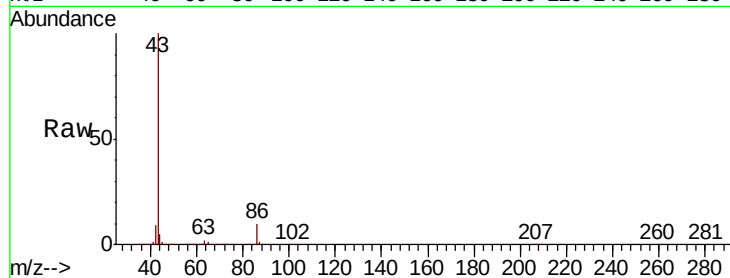
ClientSampleId :

Tot Ion: 43 Resp: 957248

Ion Ratio Lower Upper

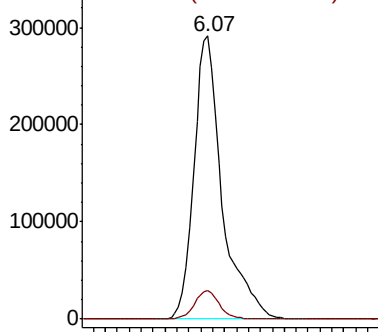
43 100

86 9.9 8.1 12.1

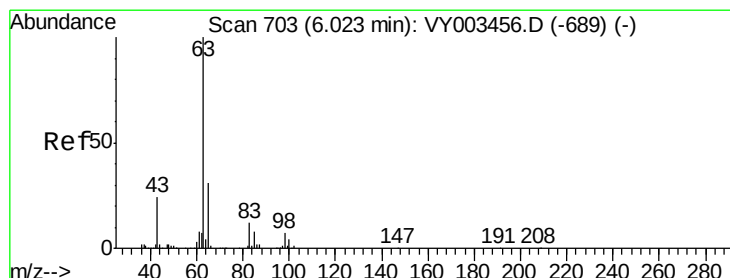
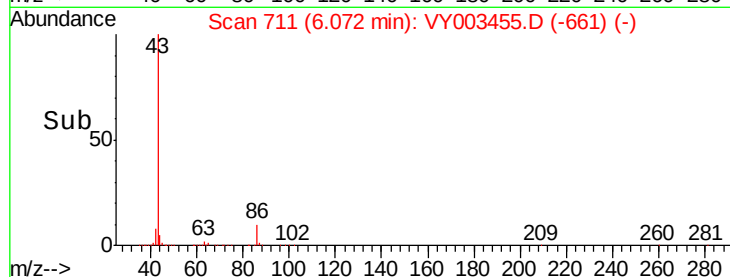


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 20.006 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

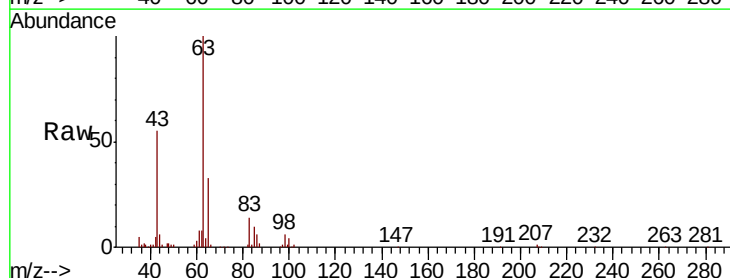
Tgt Ion: 63 Resp: 158326

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

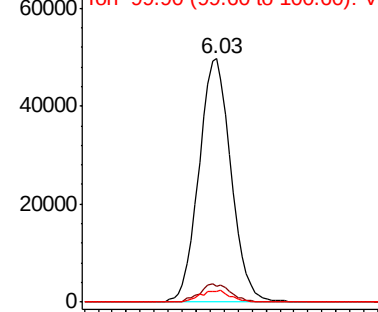
100 4.3 2.2 6.6



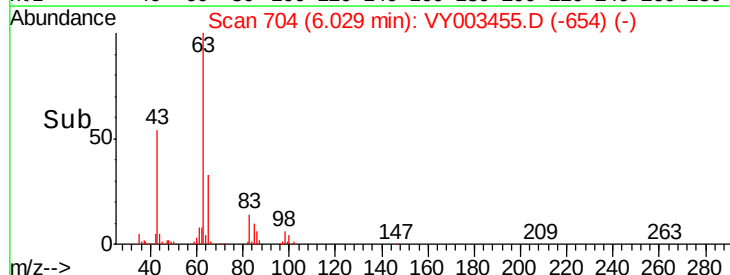
Abundance Ion 62.90 (62.60 to 63.60): VY0

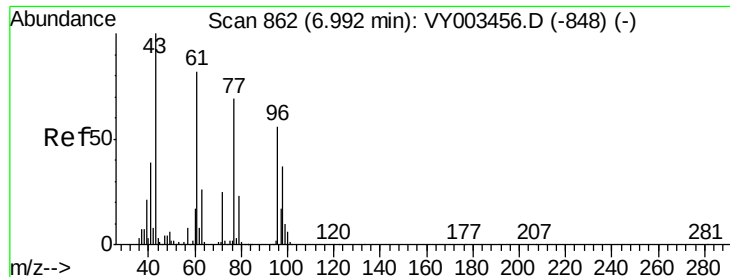
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->

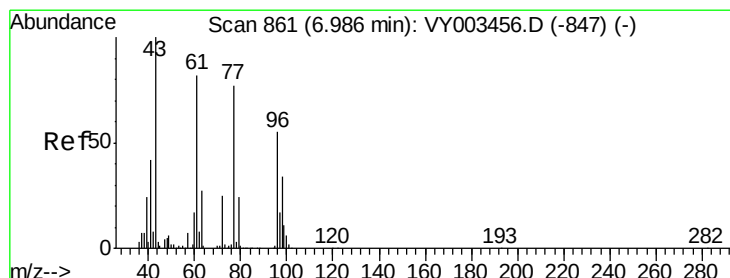
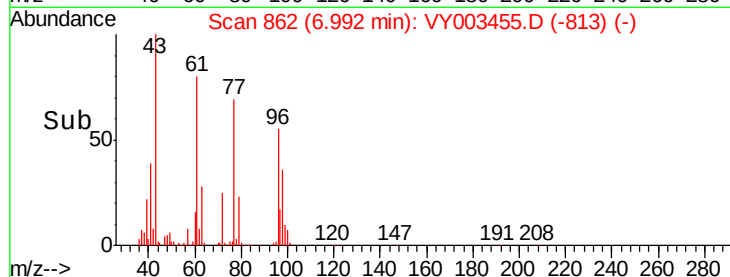
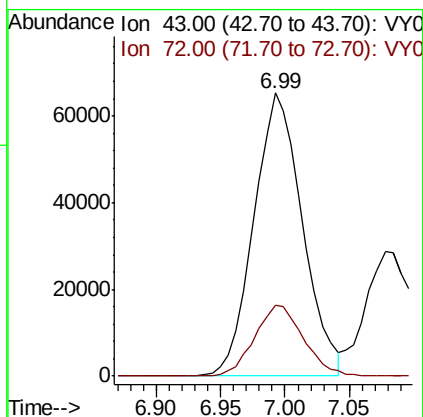
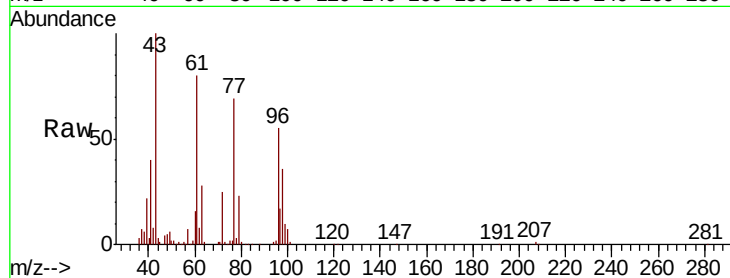




#25
2-Butanone
Concen: 103.477 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

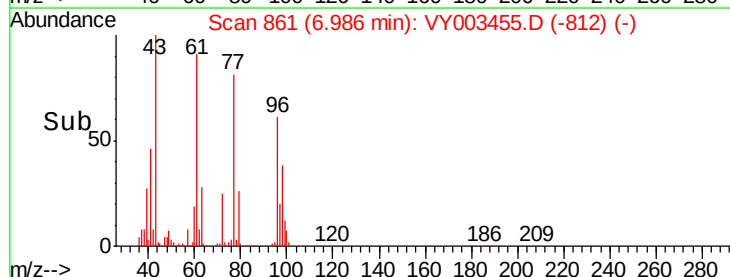
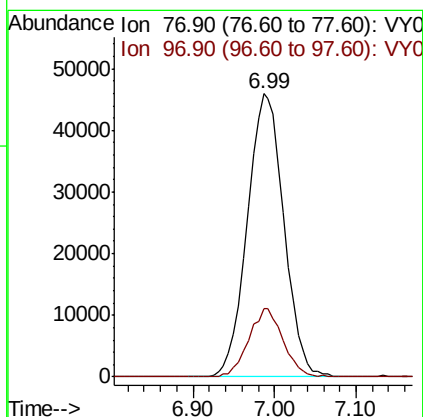
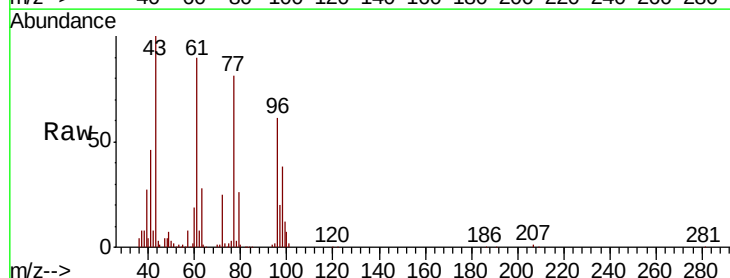
Instrument :
MSVOA_Y
ClientSampled :

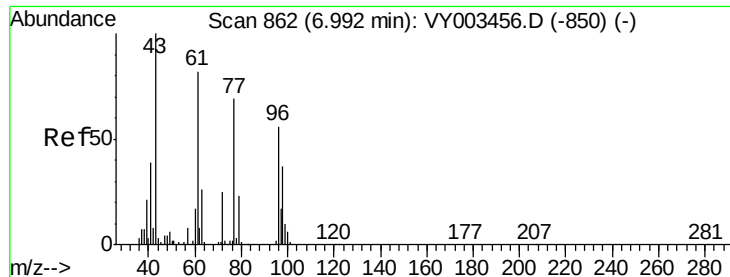
Tot Ion: 43 Resp: 170895
Ion Ratio Lower Upper
43 100
72 25.1 20.0 30.0



#26
2,2-Dichloropropane
Concen: 20.260 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion: 77 Resp: 143227
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.2



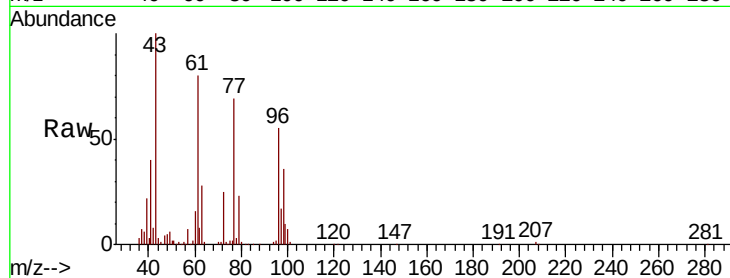


#27

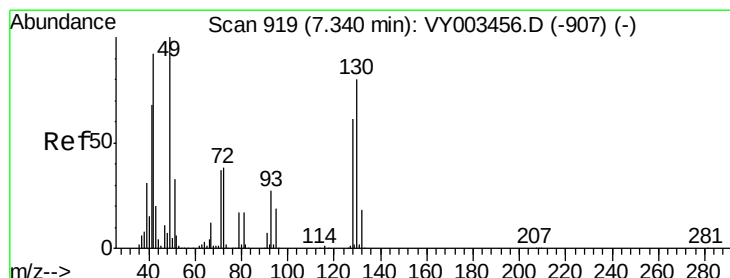
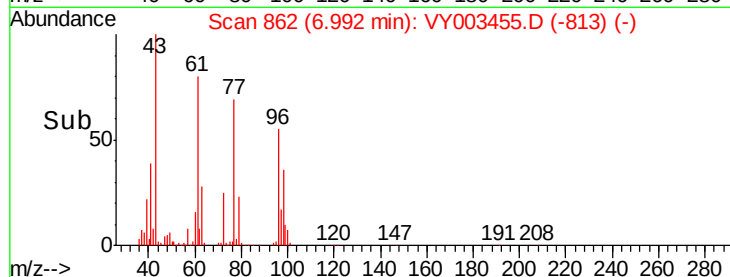
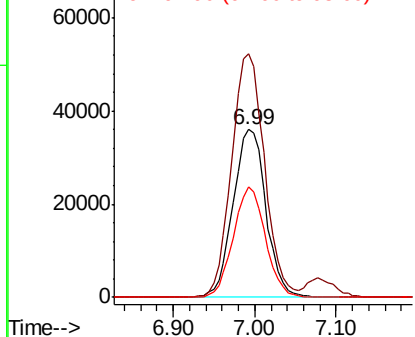
cis-1,2-Dichloroethene
 Concen: 20.046 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	96	Resp	99978
Ion Ratio	Lower	Upper	
96	100		
61	145.8	0.0	295.2
98	64.3	0.0	129.0



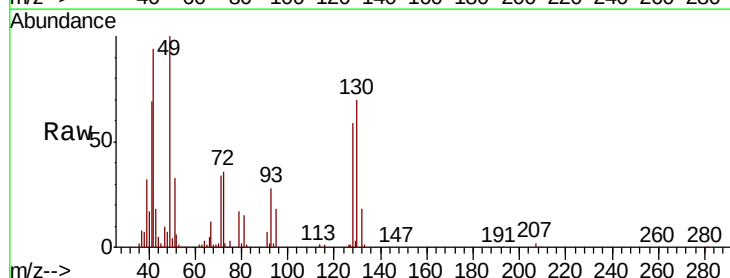
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



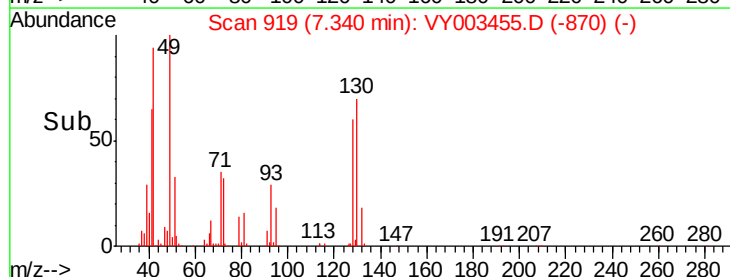
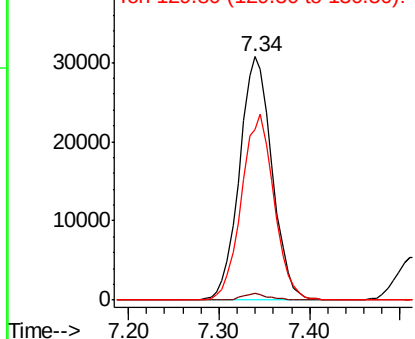
#28

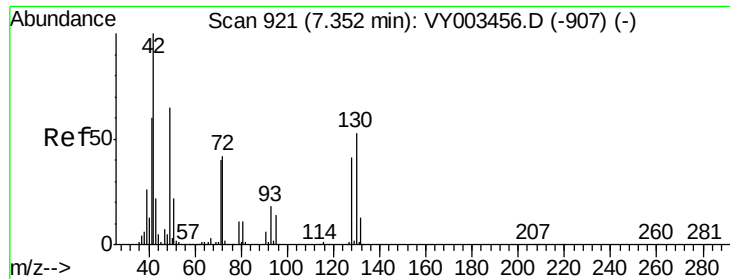
Bromochloromethane
 Concen: 23.593 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion	49	Resp	76502
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.4
130	76.2	62.4	93.6



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 97.143 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

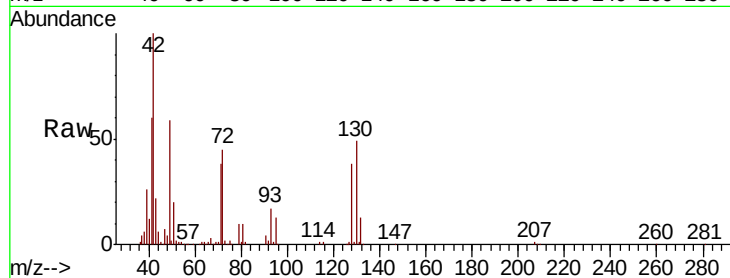
Tot Ion: 42 Resp: 102806

Ion Ratio Lower Upper

42 100

72 41.5 33.3 49.9

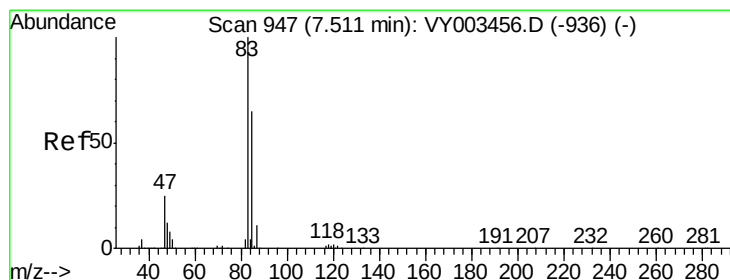
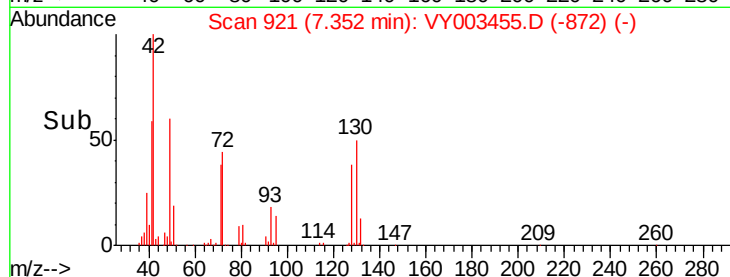
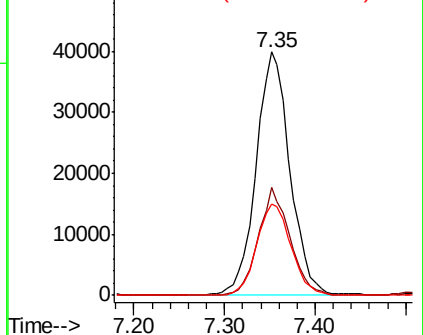
71 38.1 31.7 47.5



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 20.642 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.00 min

Lab File: VY003455.D

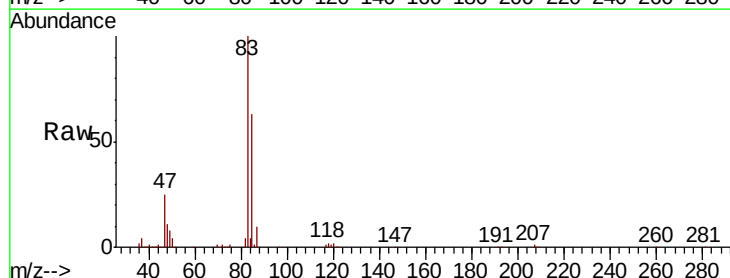
Acq: 05 Oct 2020 15:50

Tgt Ion: 83 Resp: 162681

Ion Ratio Lower Upper

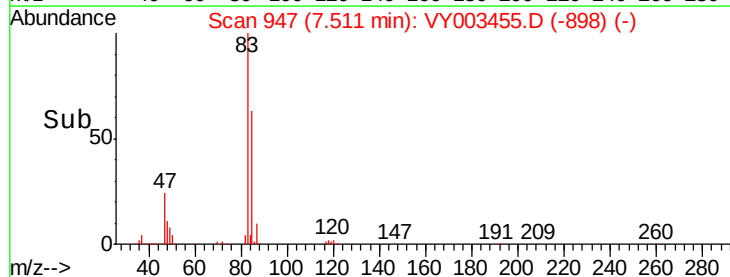
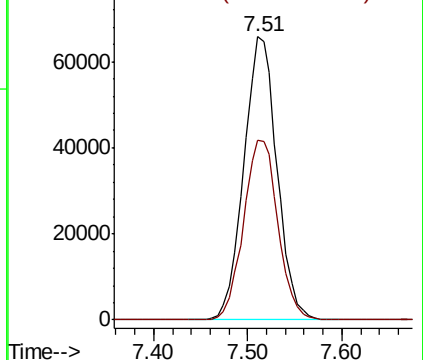
83 100

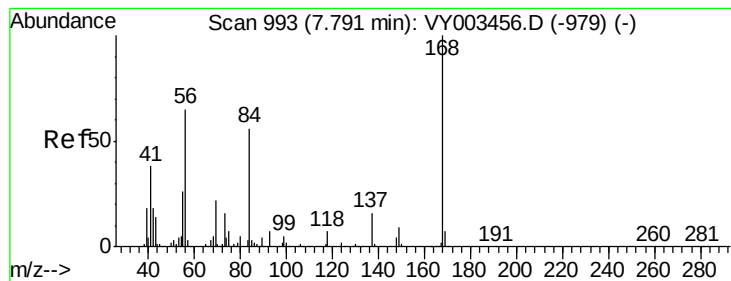
85 63.4 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 18.067 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampled :

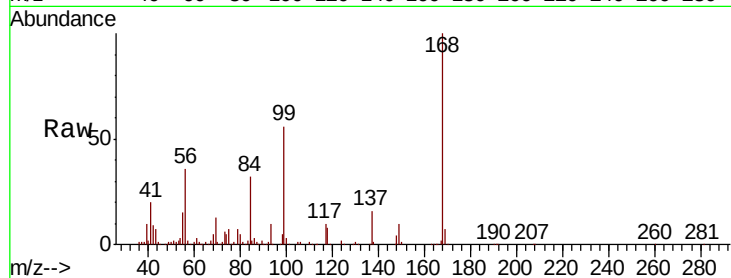
Tot Ion: 56 Resp: 136895

Ion Ratio Lower Upper

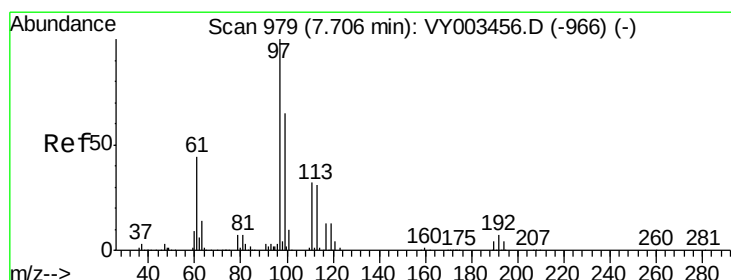
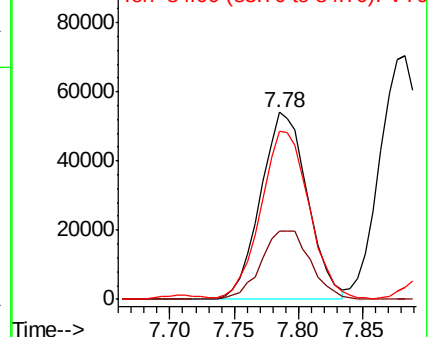
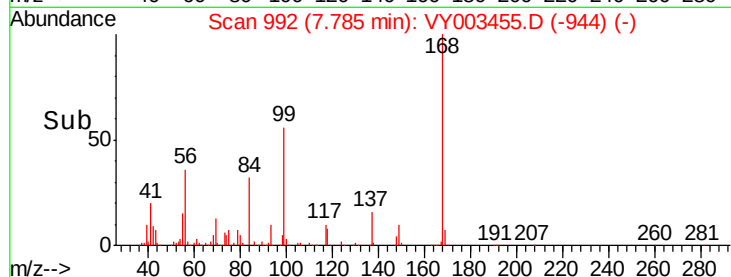
56 100

69 36.6 26.8 40.2

84 88.5 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.485 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

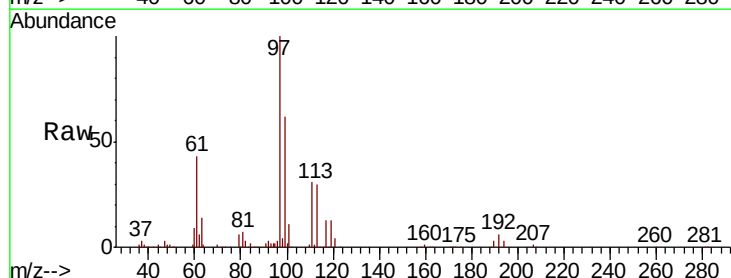
Tgt Ion: 97 Resp: 147479

Ion Ratio Lower Upper

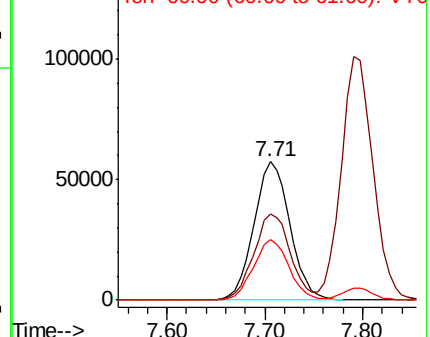
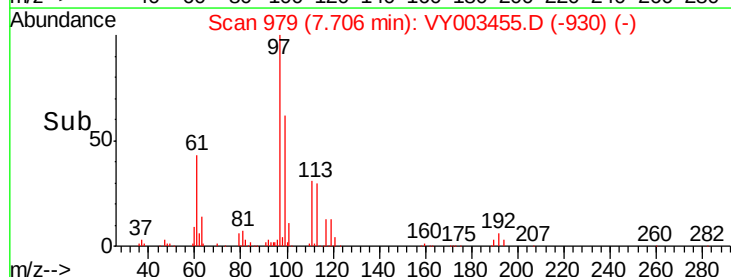
97 100

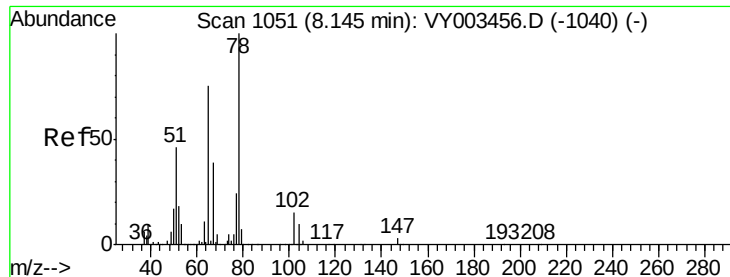
99 63.1 51.5 77.3

61 43.5 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

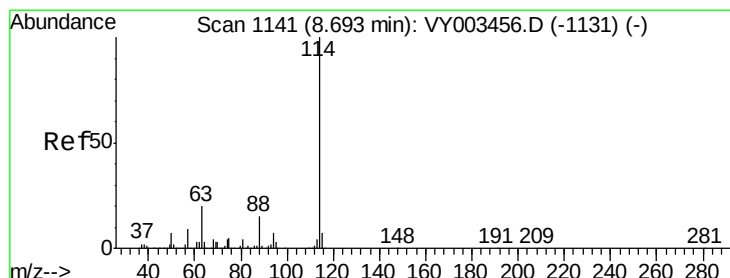
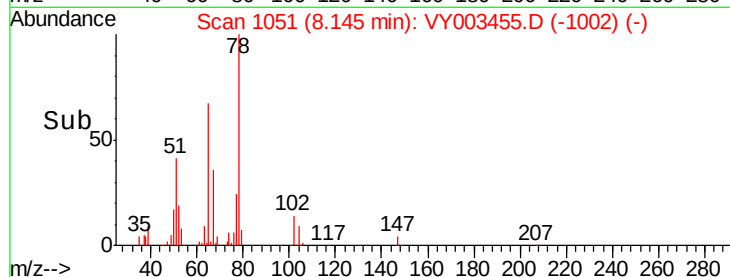
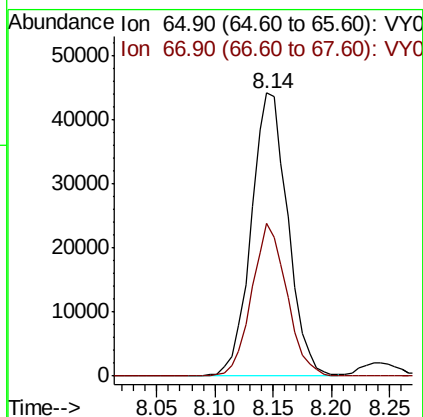
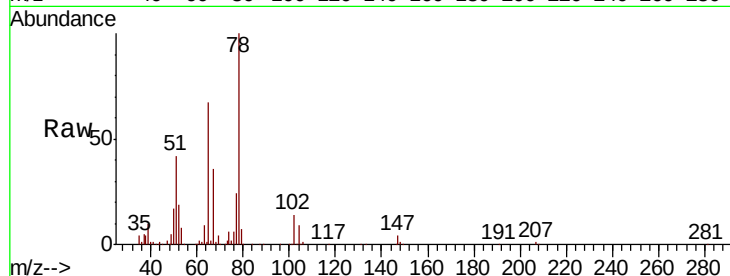




#33
 1,2-Dichloroethane-d4
 Concen: 21.860 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

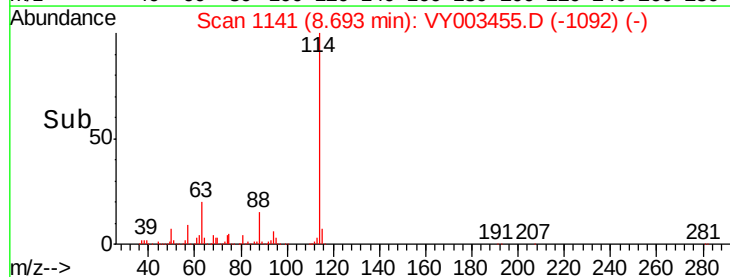
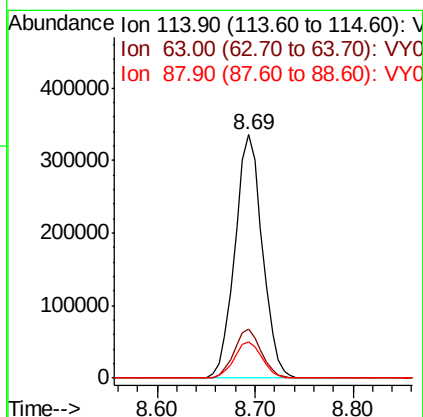
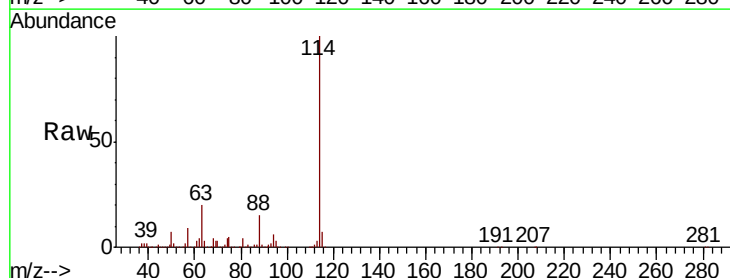
Instrument :
 MSVOA_Y
 ClientSampleId :

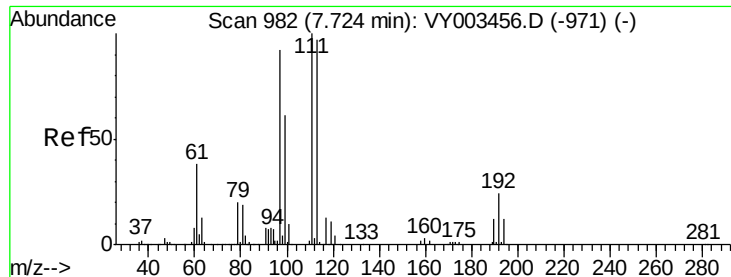
Tot Ion: 65 Resp: 96672
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion: 114 Resp: 652304
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.2
 88 14.8 0.0 30.0

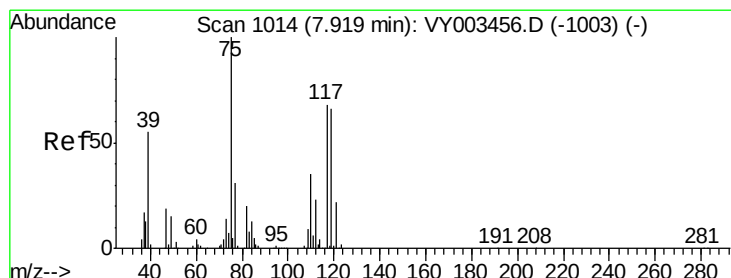
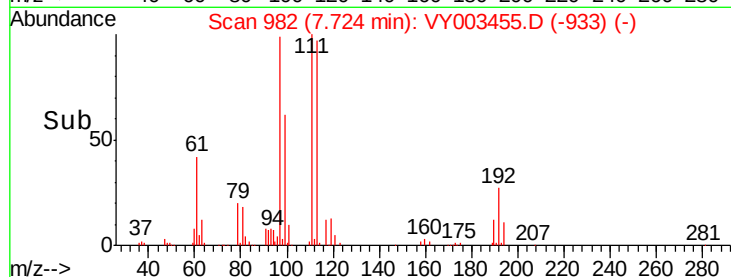
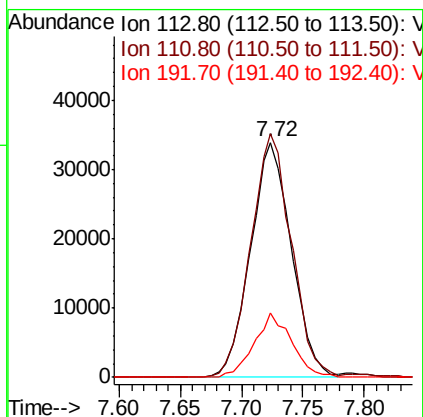
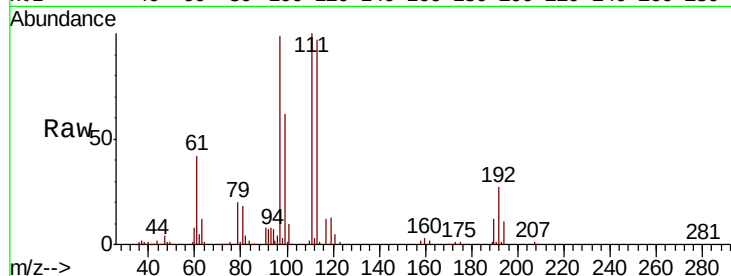




#35
 Dibromofluoromethane
 Concen: 20.623 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

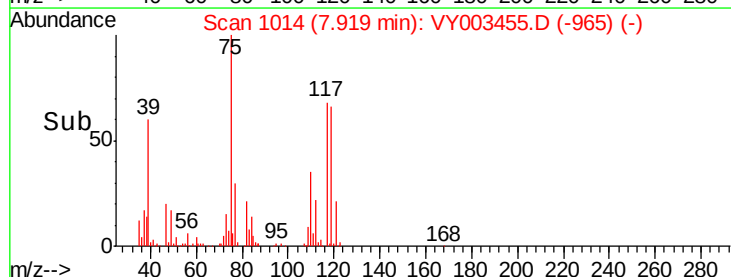
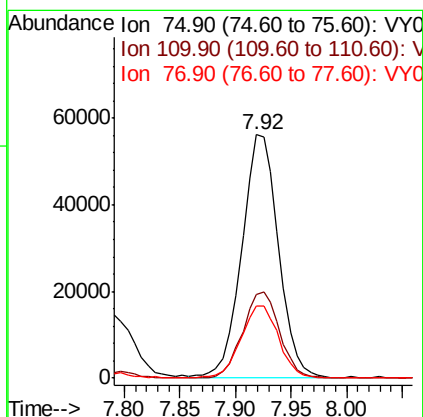
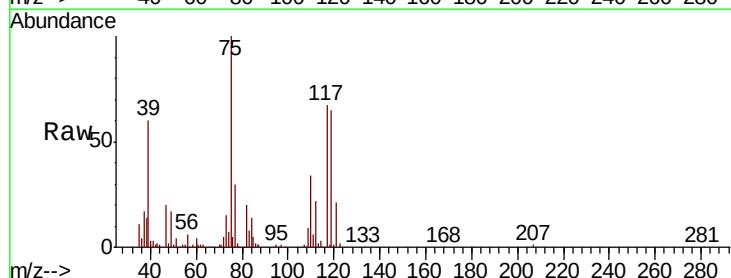
Instrument :
 MSVOA_Y
 ClientSampleId :

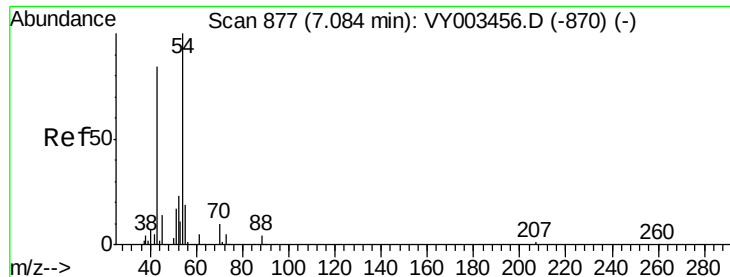
Tot Ion:113 Resp: 79191
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.2
 192 25.0 19.8 29.6



#36
 1,1-Dichloropropene
 Concen: 20.861 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion: 75 Resp: 127643
 Ion Ratio Lower Upper
 75 100
 110 35.9 17.8 53.3
 77 30.9 24.8 37.2

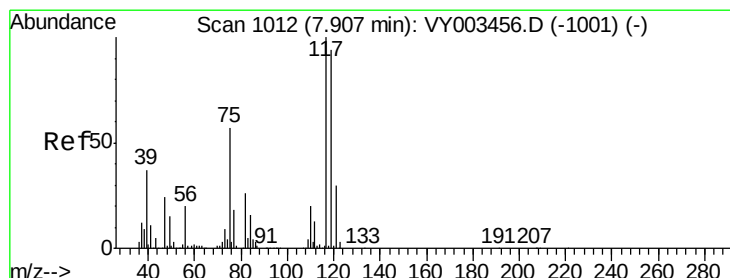
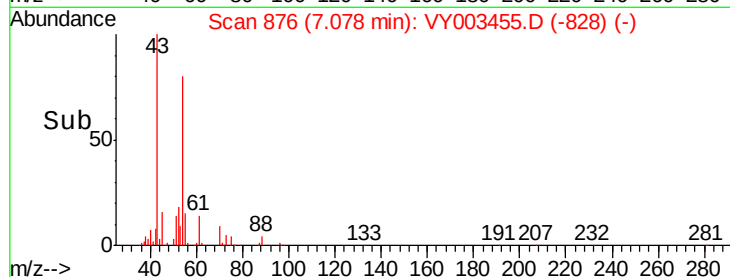
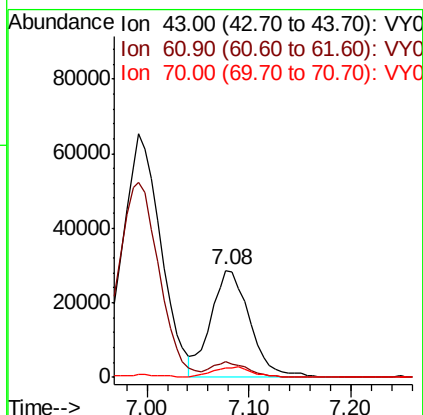
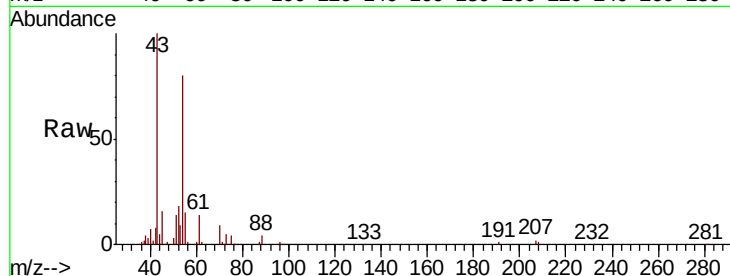




#37
Ethyl Acetate
Concen: 21.722 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

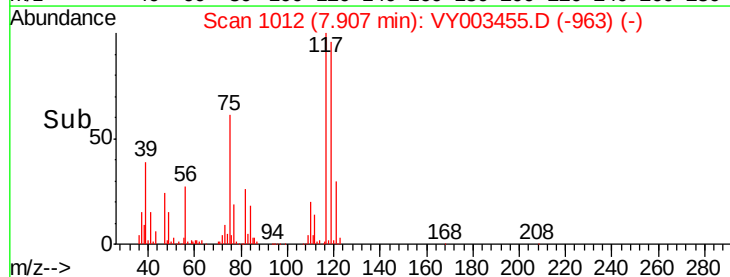
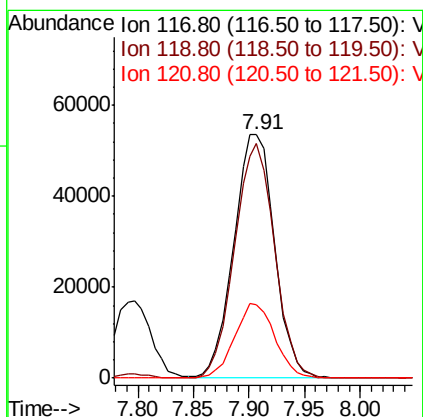
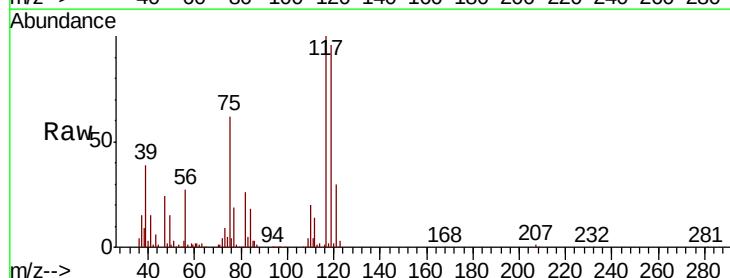
Instrument :
MSVOA_Y
ClientSampled :

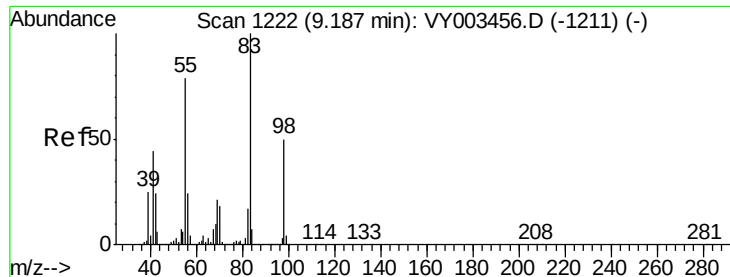
Tot Ion: 43 Resp: 76277
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.4
70 10.0 8.2 12.2



#38
Carbon Tetrachloride
Concen: 21.594 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion: 117 Resp: 136418
Ion Ratio Lower Upper
117 100
119 96.2 74.7 112.1
121 30.1 24.3 36.5

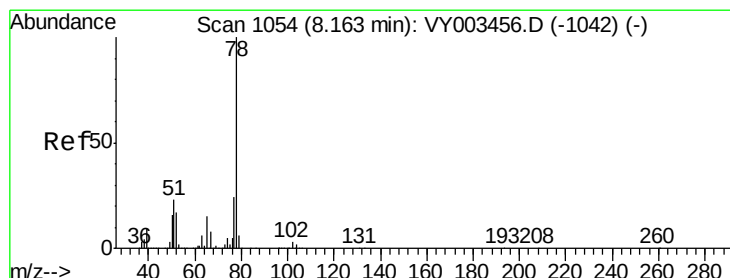
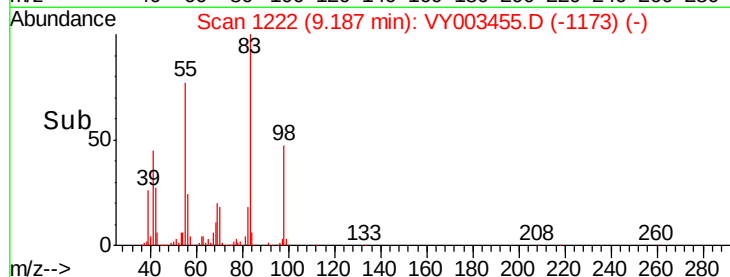
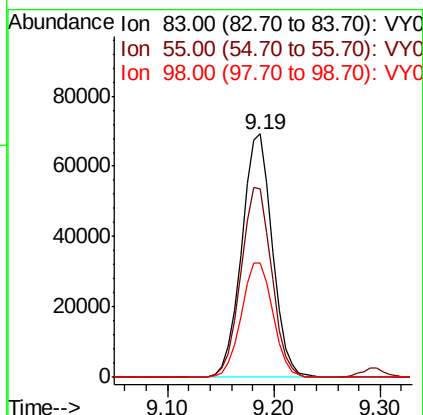
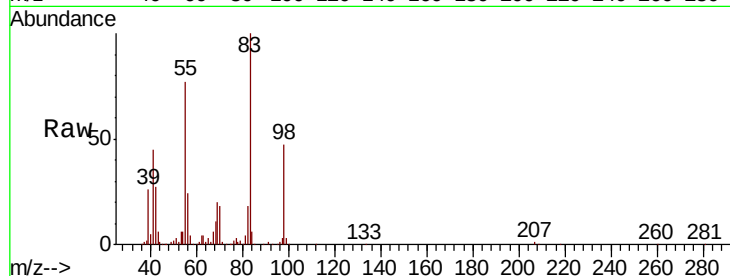




#39
Methylvlcyclohexane
Concen: 18.977 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

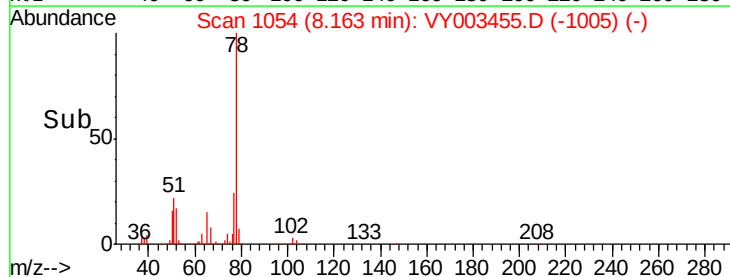
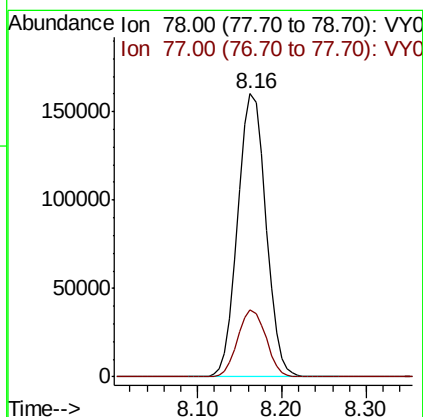
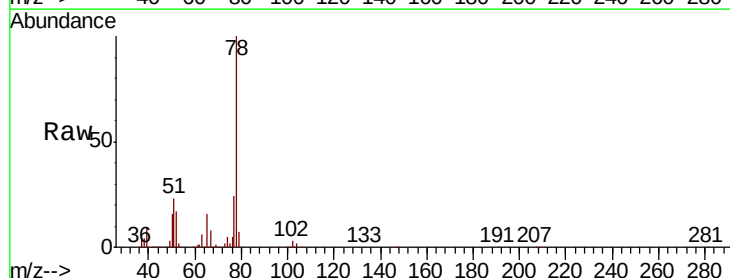
Instrument :
MSVOA_Y
ClientSampleId :

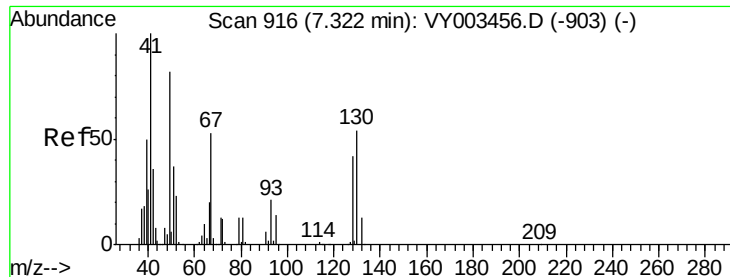
Tot Ion: 83 Resp: 139932
Ion Ratio Lower Upper
83 100
55 77.5 63.0 94.6
98 47.1 39.7 59.5



#40
Benzene
Concen: 21.163 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion: 78 Resp: 361155
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9

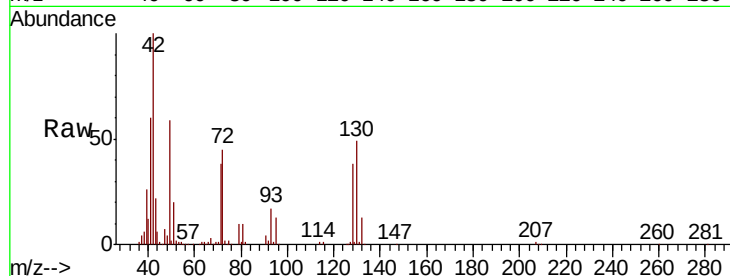




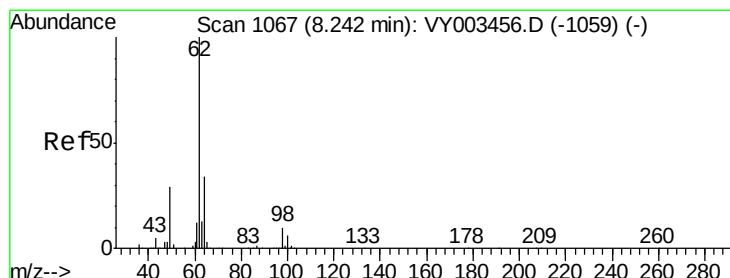
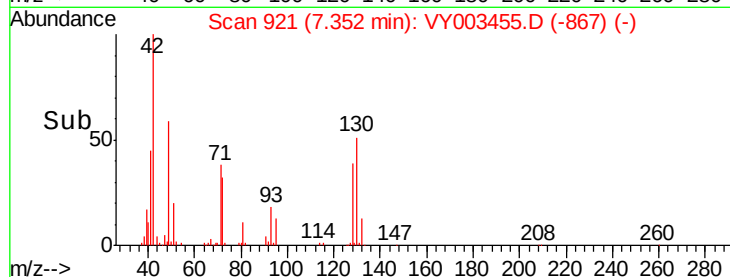
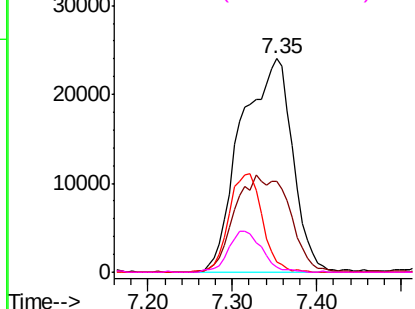
#41
Methacrylonitrile
Concen: 51.410 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.03 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	100720
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

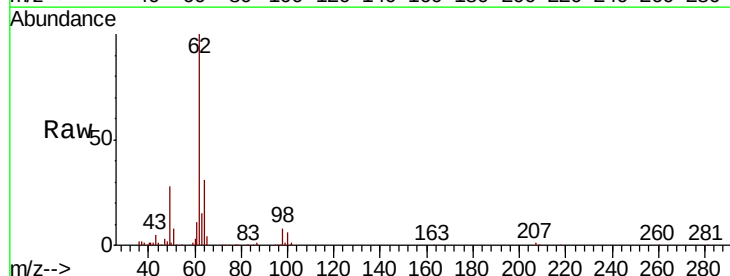


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

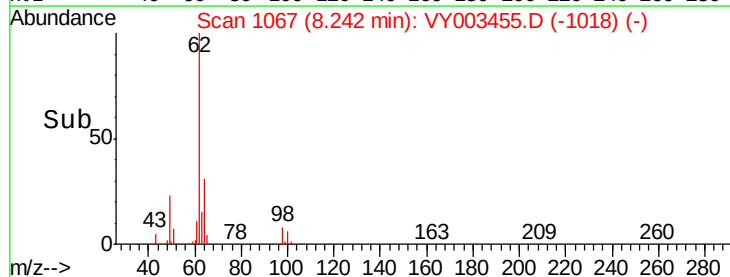
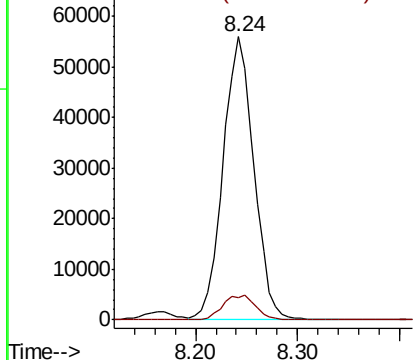


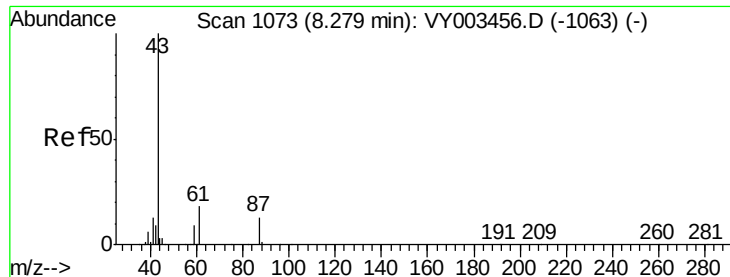
#42
1,2-Dichloroethane
Concen: 22.341 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion:	62	Resp:	117098
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.571 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

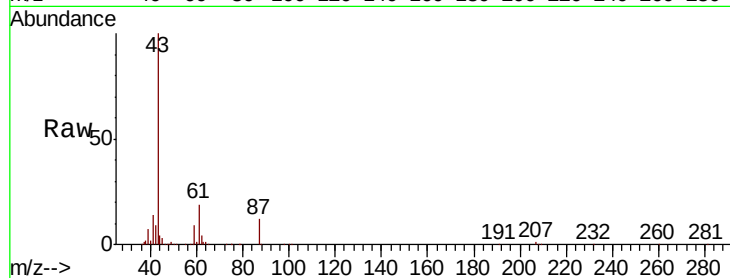
Tot Ion: 43 Resp: 143153

Ion Ratio Lower Upper

43 100

61 27.8 22.7 34.1

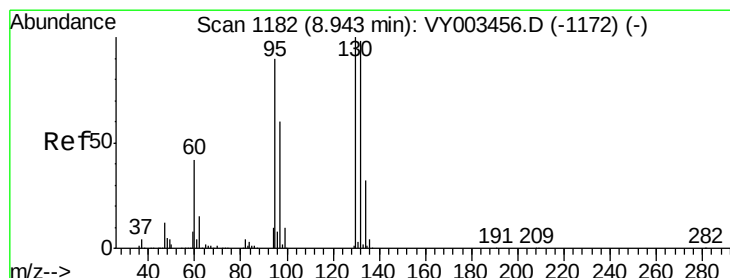
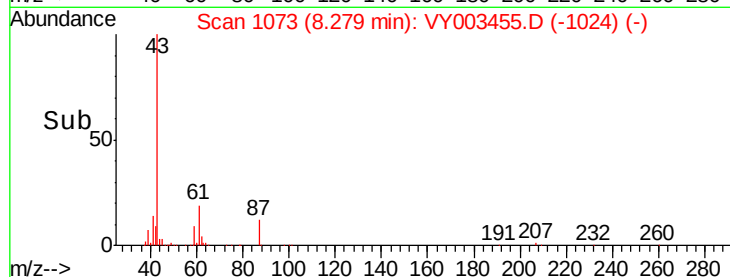
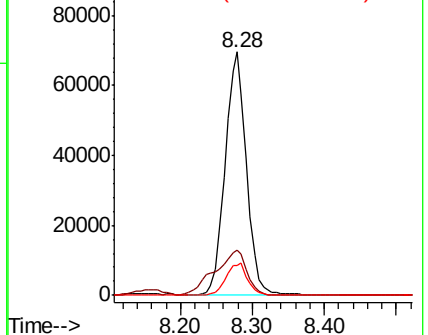
87 13.0 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VY003455.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY003455.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY003455.D (-1063) (-)



#44

Trichloroethene

Concen: 21.613 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003455.D

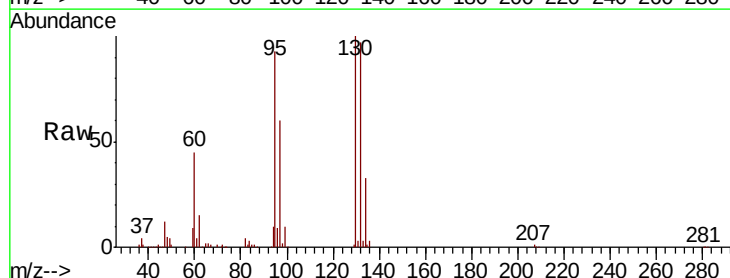
Acq: 05 Oct 2020 15:50

Tgt Ion: 130 Resp: 106278

Ion Ratio Lower Upper

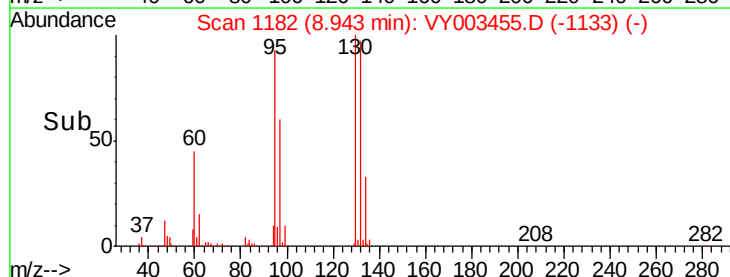
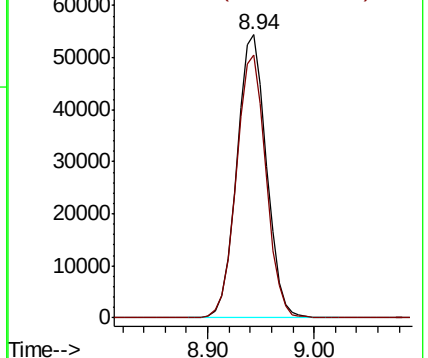
130 100

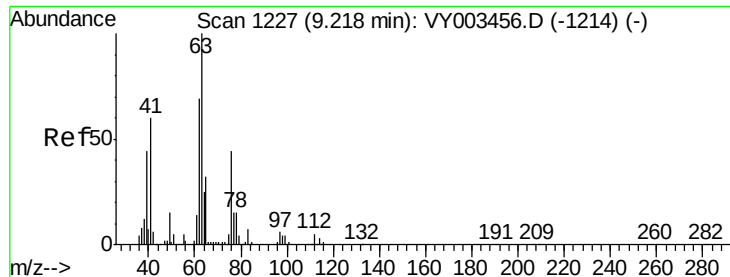
95 92.7 0.0 180.6



Abundance Ion 129.80 (129.50 to 130.50): VY003455.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY003455.D (-1172) (-)

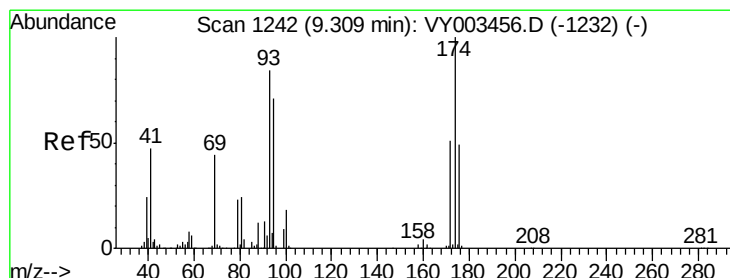
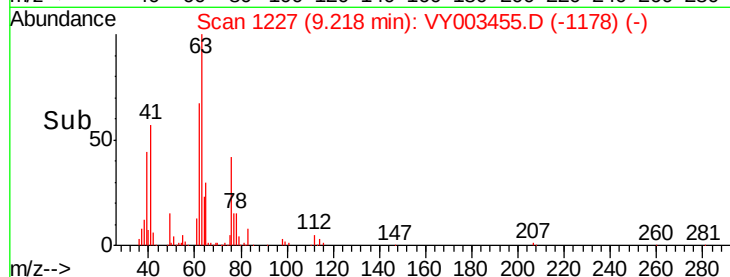
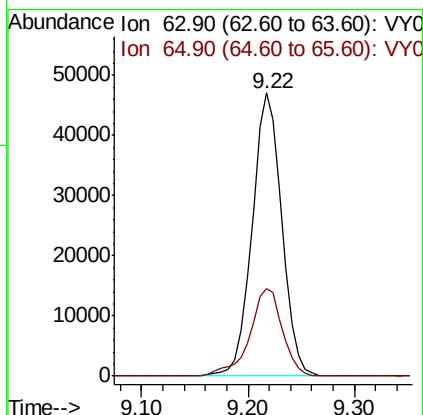
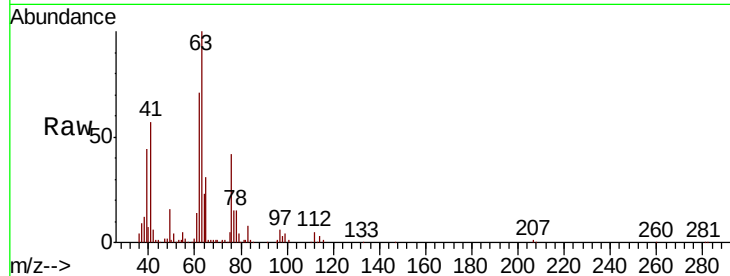




#45
 1,2-Dichloropropane
 Concen: 20.671 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

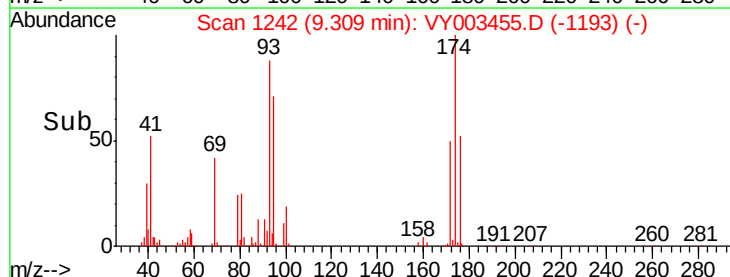
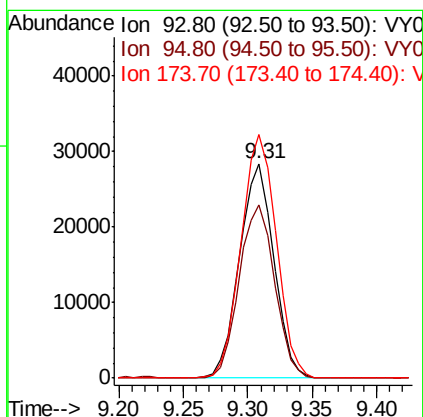
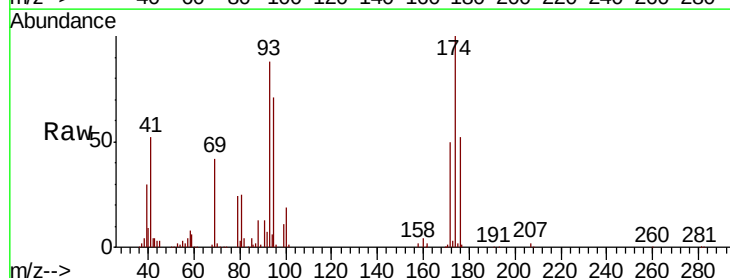
Instrument :
 MSVOA_Y
 ClientSampled :

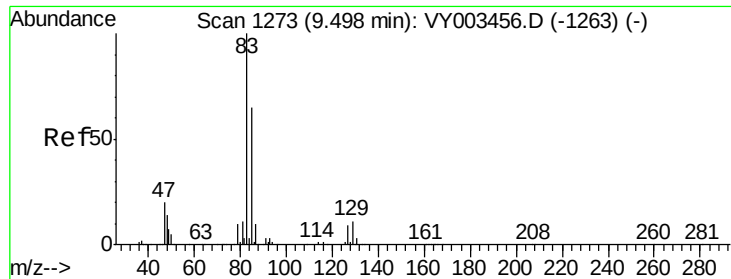
Tot Ion: 63 Resp: 91904
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.4 38.2



#46
 Dibromomethane
 Concen: 20.957 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion: 93 Resp: 52511
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.6 98.4
 174 116.8 94.3 141.5

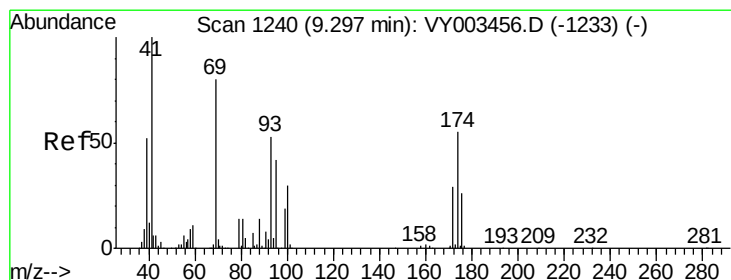
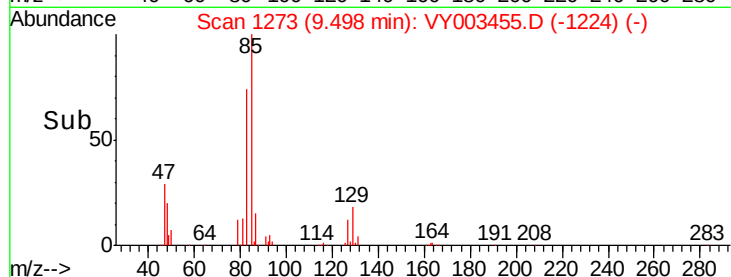
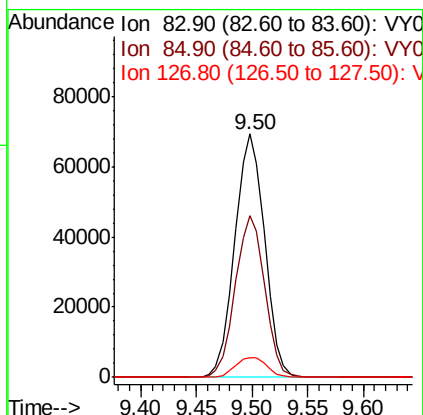
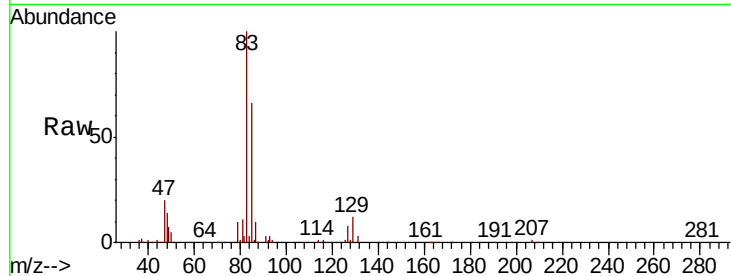




#47
 Bromodichloromethane
 Concen: 21.304 ug/l
 RT: 9.50 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

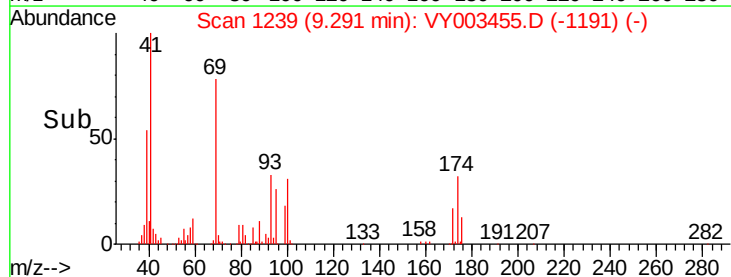
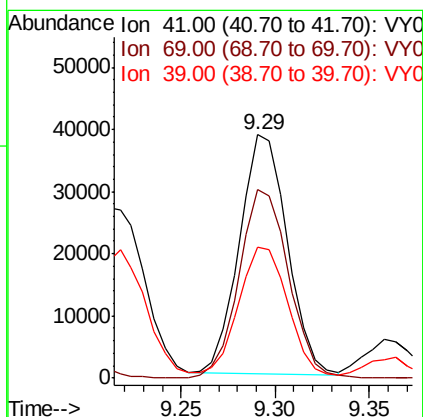
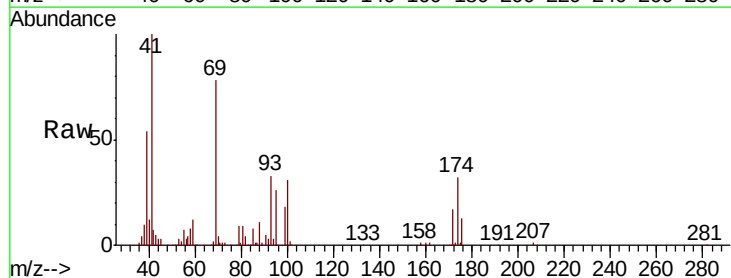
Instrument :
 MSVOA_Y
 ClientSampleId :

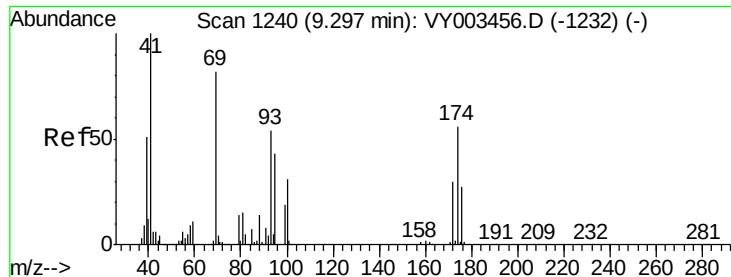
Tot Ion	83	Resp	128336
Ion Ratio	Lower	Upper	
83	100		
85	66.5	52.1	78.1
127	8.1	7.5	11.3



#48
 Methyl methacrylate
 Concen: 22.271 ug/l
 RT: 9.29 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion	41	Resp	67363
Ion Ratio	Lower	Upper	
41	100		
69	82.2	66.3	99.5
39	57.8	45.2	67.8

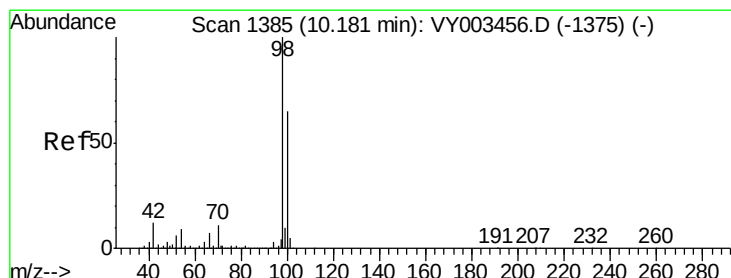
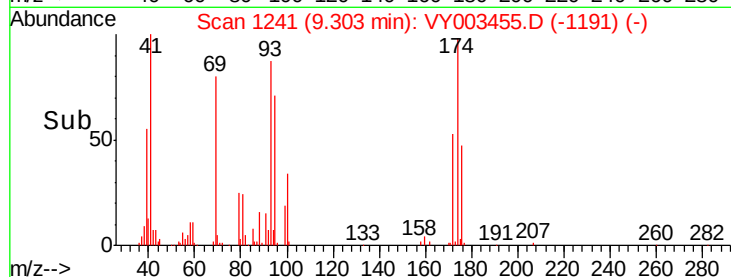
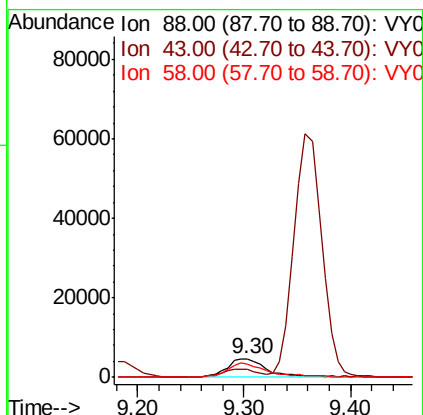
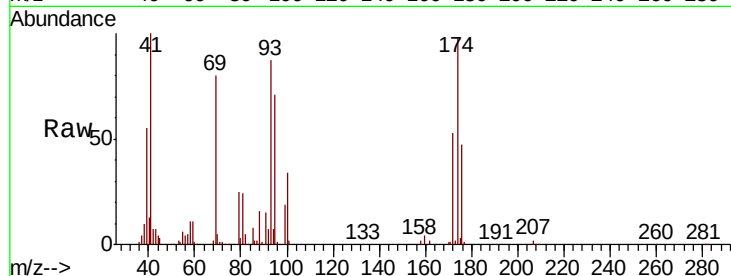




#49
1,4-Dioxane
Concen: 393.146 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

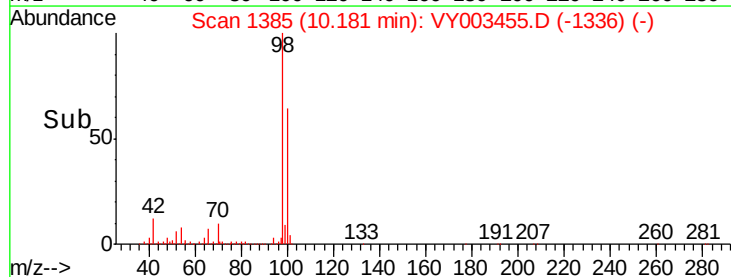
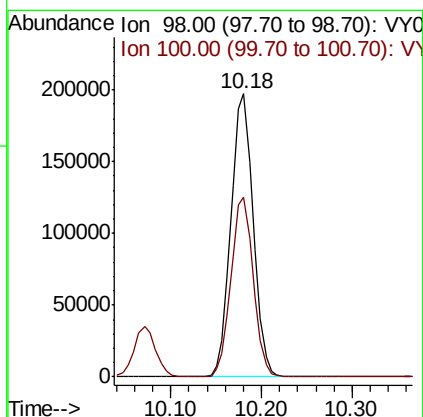
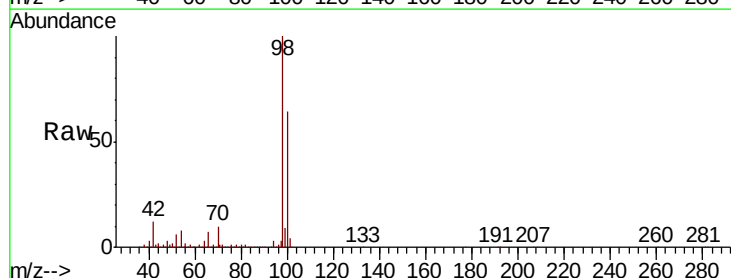
Instrument :
MSVOA_Y
ClientSampleId :

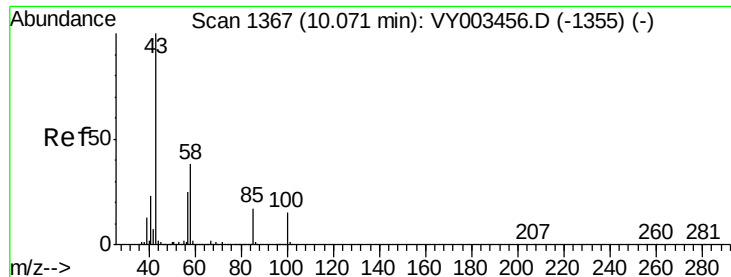
Tot Ion: 88 Resp: 12576
Ion Ratio Lower Upper
88 100
43 36.5 28.6 43.0
58 78.3 51.8 77.6#



#50
Toluene-d8
Concen: 22.181 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion: 98 Resp: 336842
Ion Ratio Lower Upper
98 100
100 63.4 51.2 76.8

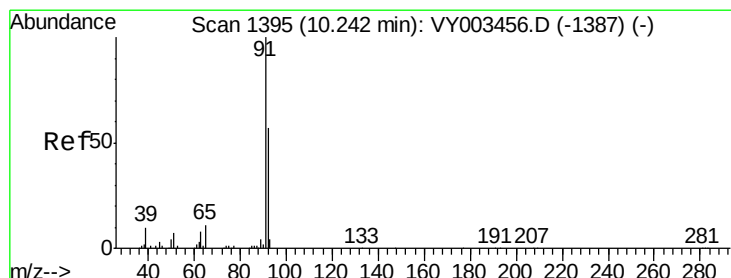
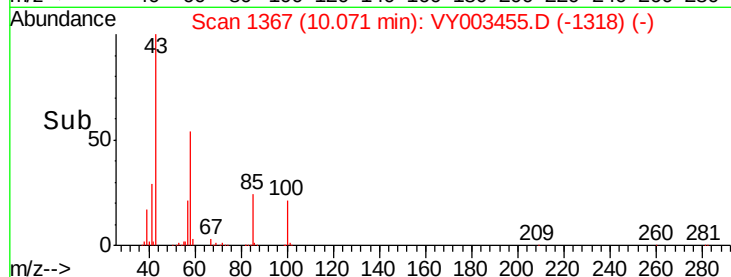
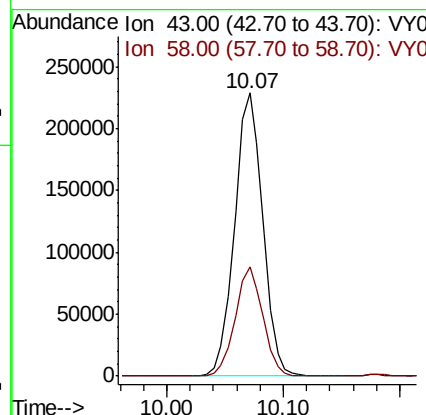
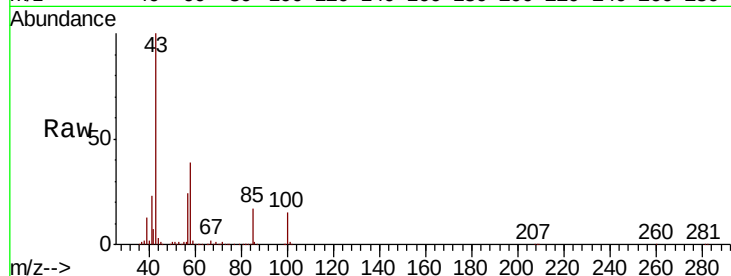




#51
4-Methyl-2-Pentanone
Concen: 110.217 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

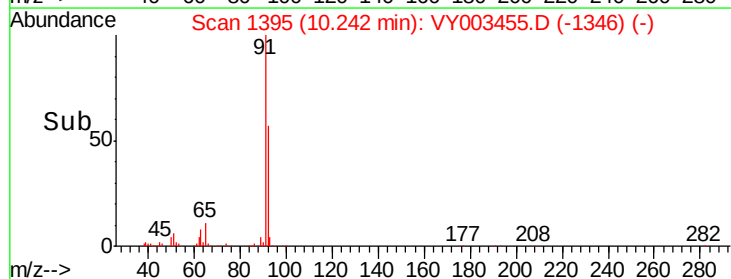
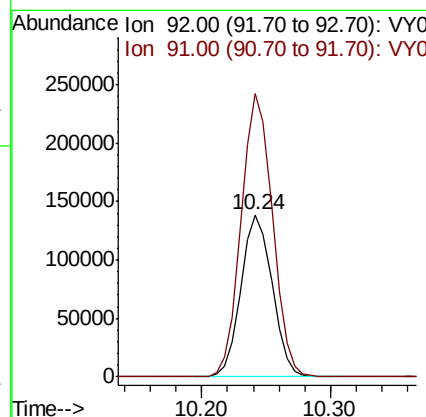
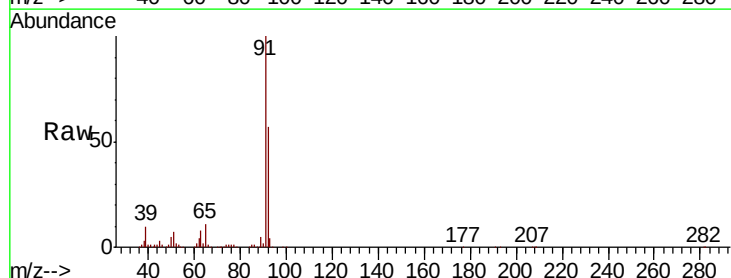
Instrument :
MSVOA_Y
ClientSampleId :

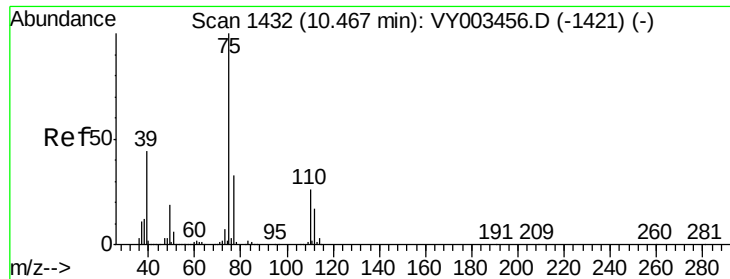
Tot Ion: 43 Resp: 384707
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6



#52
Toluene
Concen: 21.677 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion: 92 Resp: 232840
Ion Ratio Lower Upper
92 100
91 175.5 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 21.406 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

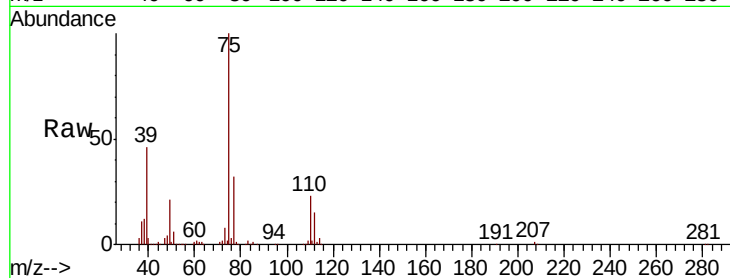
ClientSampleId :

Tot Ion: 75 Resp: 137808

Ion Ratio Lower Upper

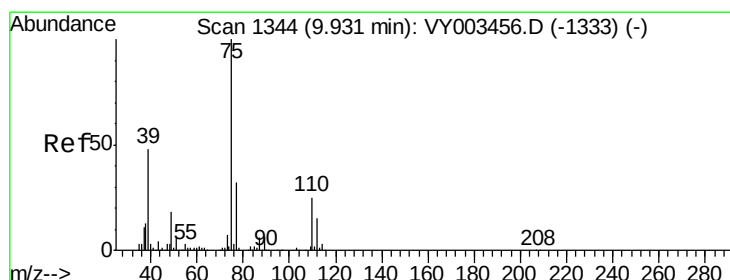
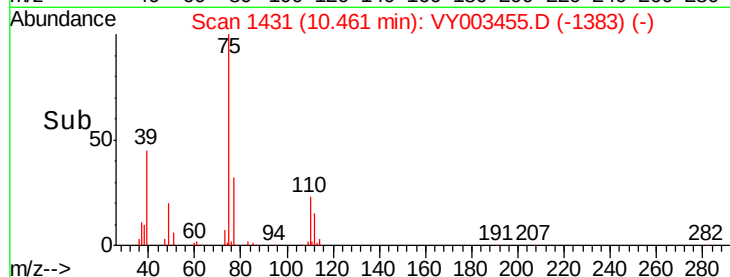
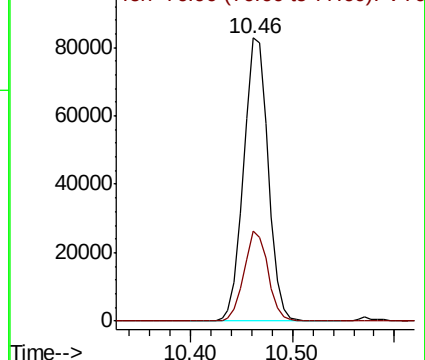
75 100

77 31.7 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.934 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

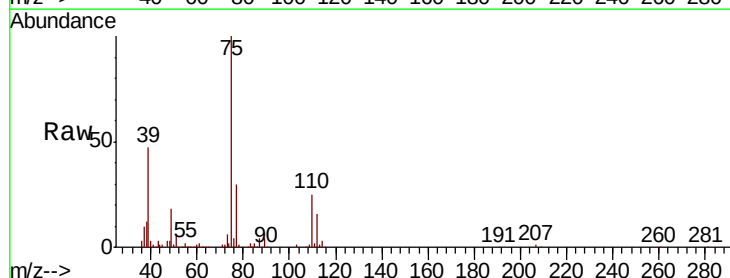
Tgt Ion: 75 Resp: 152079

Ion Ratio Lower Upper

75 100

77 30.4 25.9 38.9

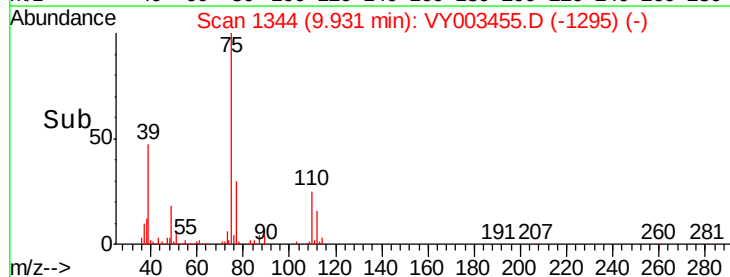
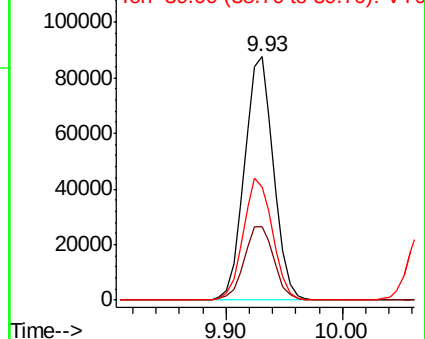
39 46.6 38.7 58.1

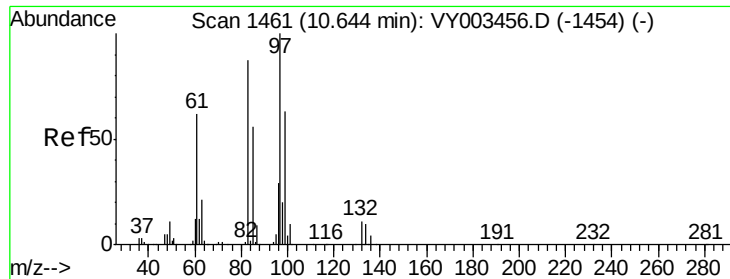


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

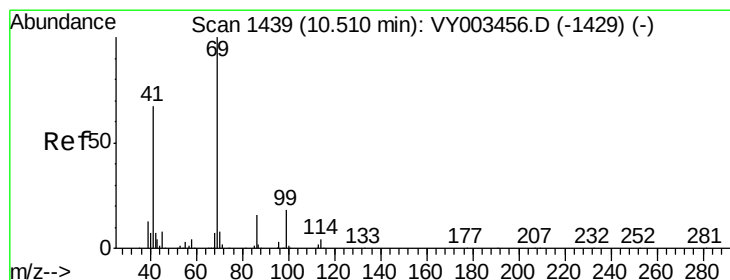
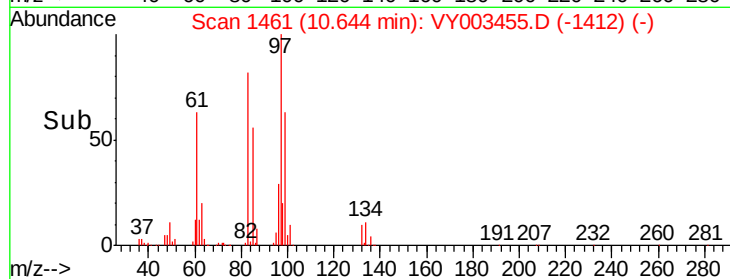
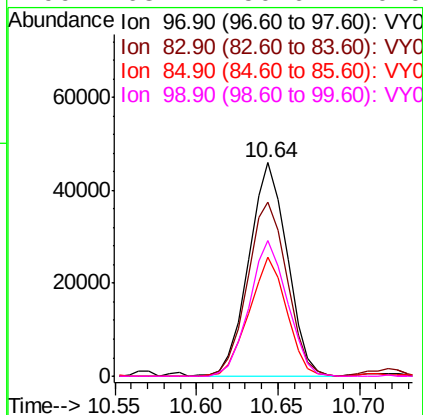
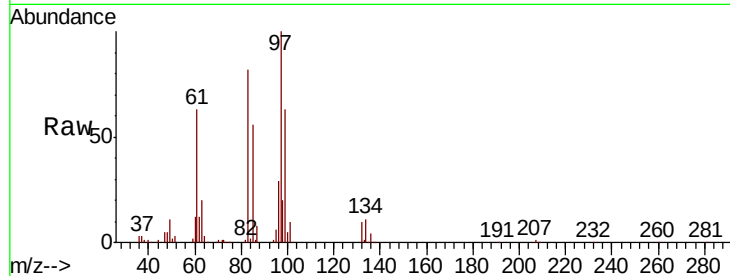




#55
 1,1,2-Trichloroethane
 Concen: 21.573 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

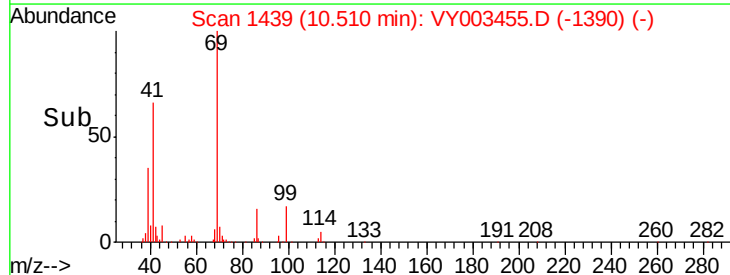
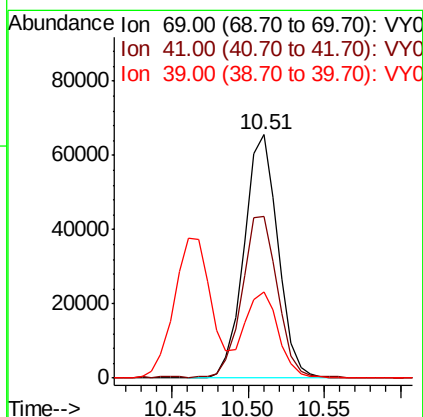
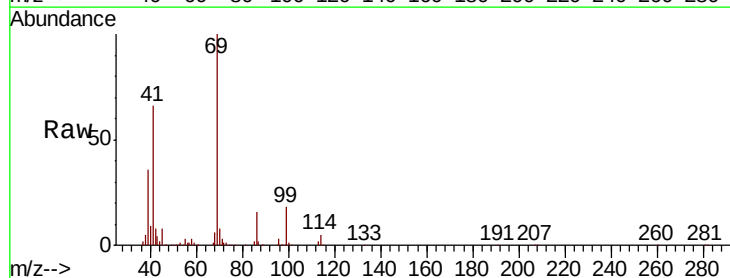
Instrument :
 MSVOA_Y
 ClientSampleId :

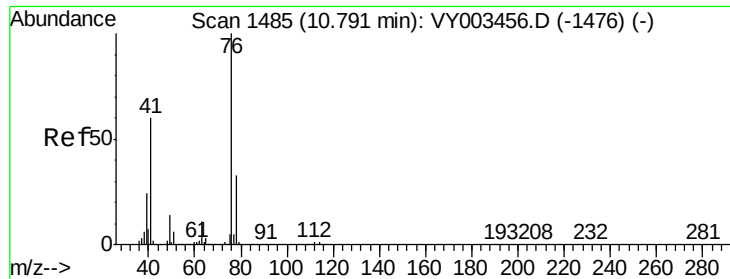
Tot Ion	Ratio	Lower	Upper
97	100		
83	81.5	69.9	104.9
85	56.0	44.5	66.7
99	63.4	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 20.745 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.4	83.2
39	36.0	28.8	43.2





#57

1,3-Dichloropropane

Concen: 21.459 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

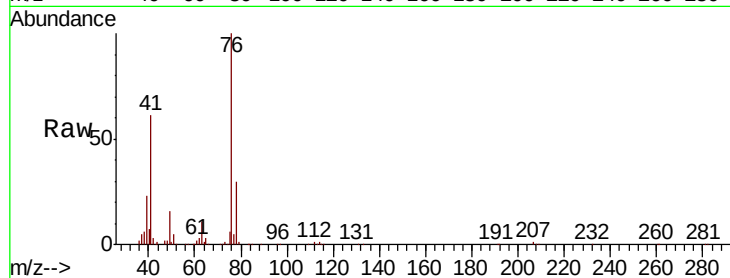
ClientSampleId :

Tot Ion: 76 Resp: 131280

Ion Ratio Lower Upper

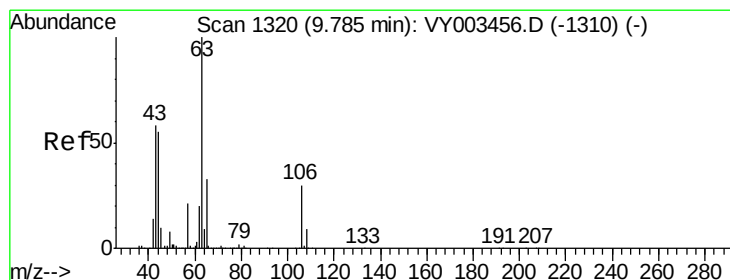
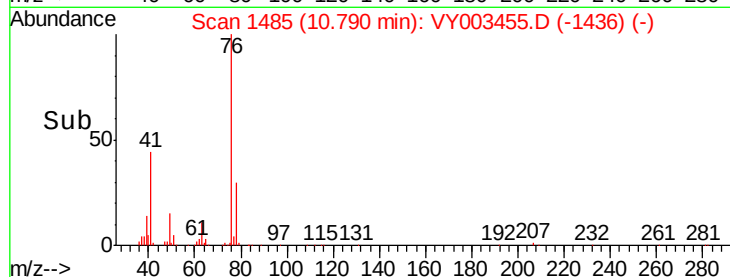
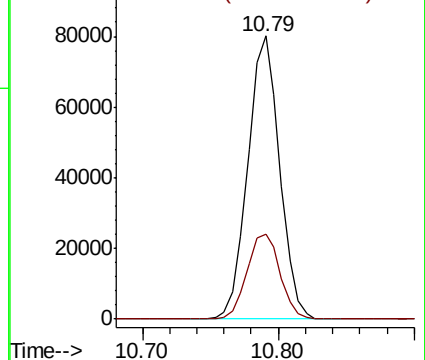
76 100

78 31.4 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 117.320 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003455.D

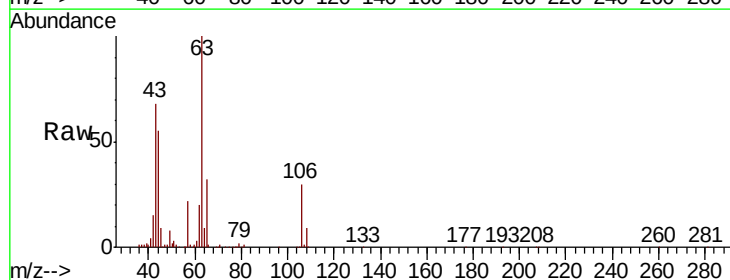
Acq: 05 Oct 2020 15:50

Tgt Ion: 63 Resp: 270071

Ion Ratio Lower Upper

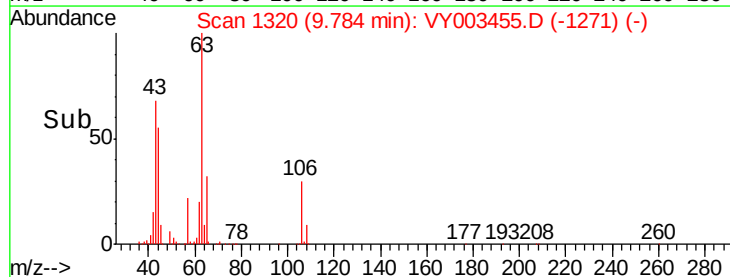
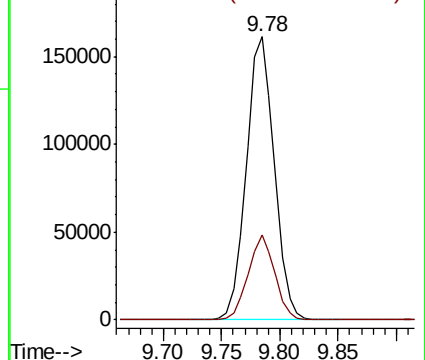
63 100

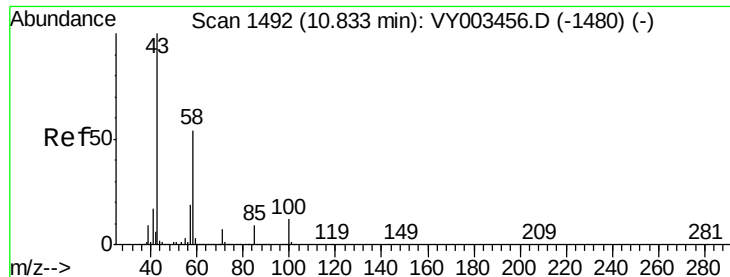
106 28.4 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

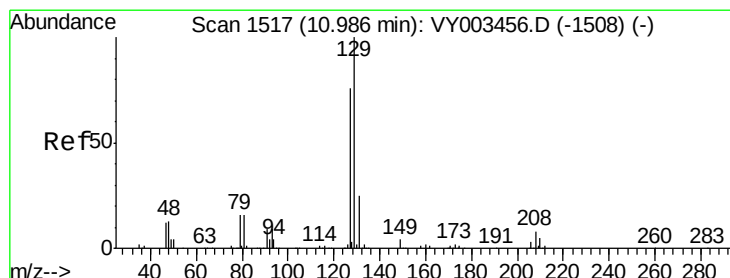
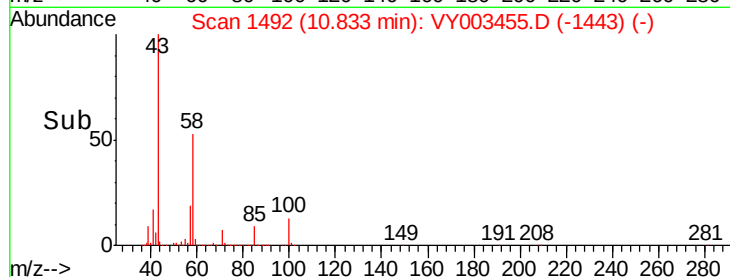
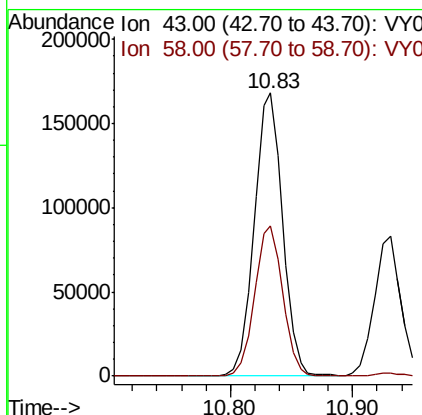
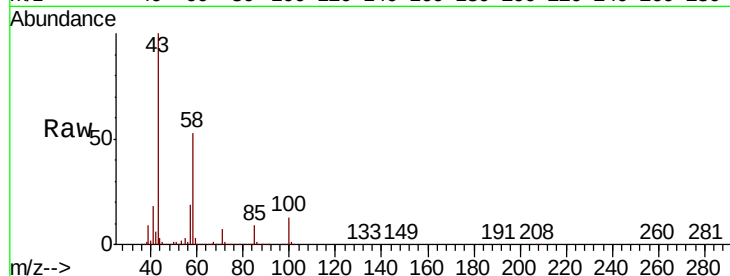




#59
2-Hexanone
Concen: 111.051 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

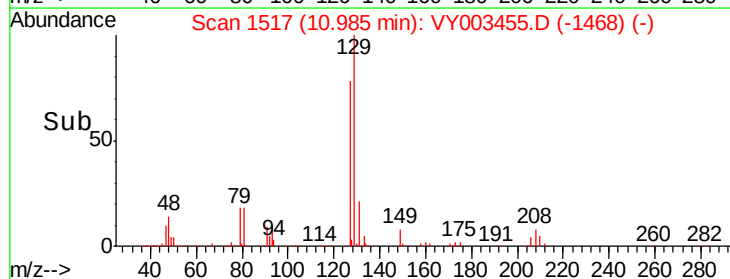
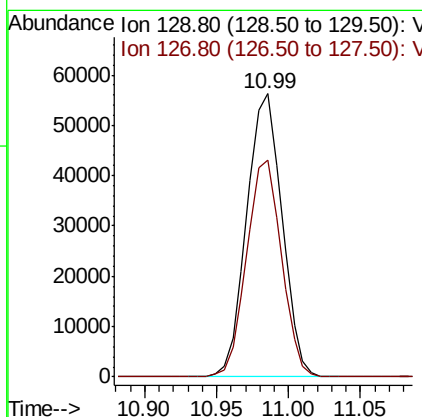
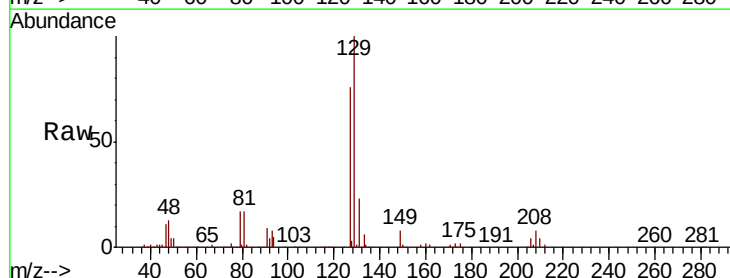
Instrument :
MSVOA_Y
ClientSampled :

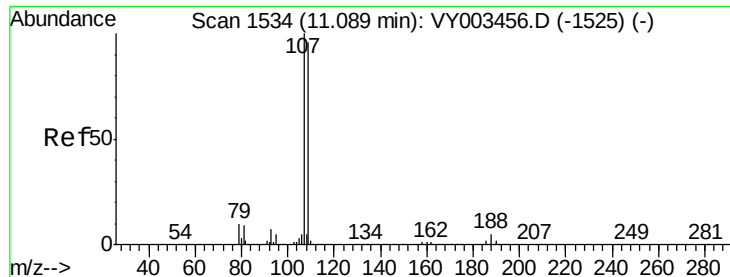
Tot Ion: 43 Resp: 270628
Ion Ratio Lower Upper
43 100
58 52.7 26.8 80.3



#60
Dibromochloromethane
Concen: 21.628 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion: 129 Resp: 95608
Ion Ratio Lower Upper
129 100
127 75.5 38.6 116.0

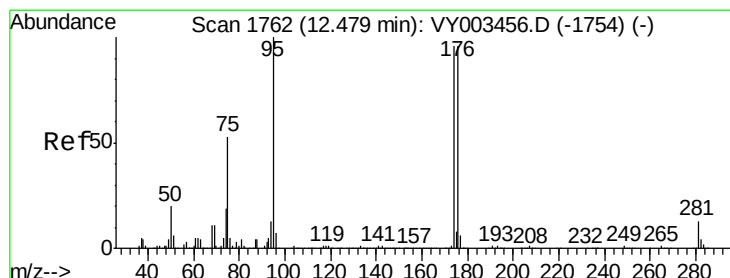
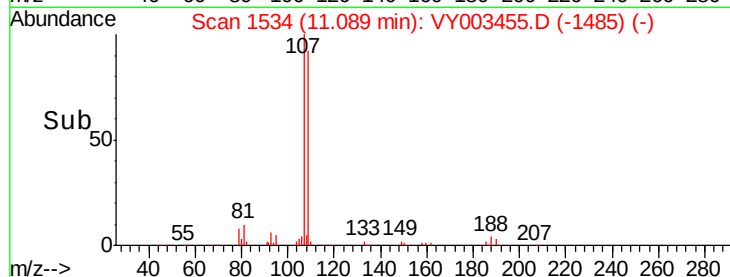
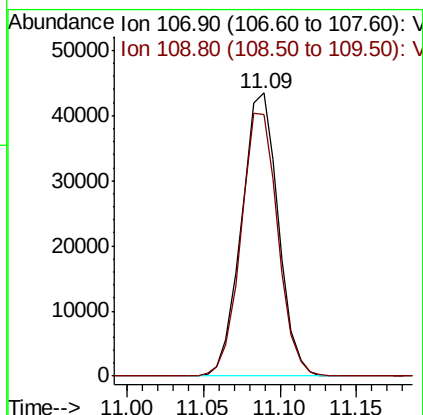
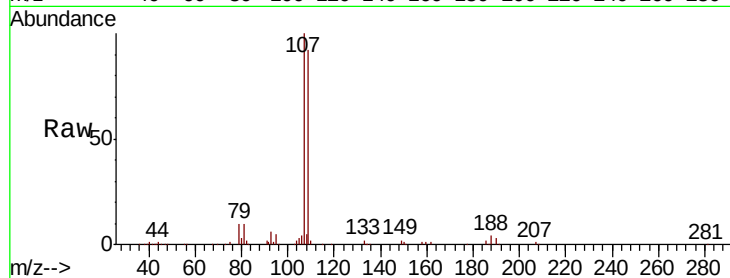




#61
 1,2-Dibromoethane
 Concen: 21.257 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

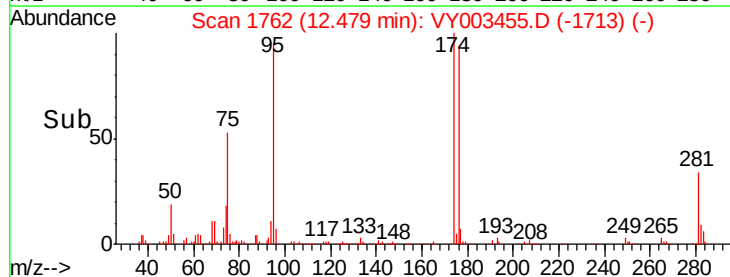
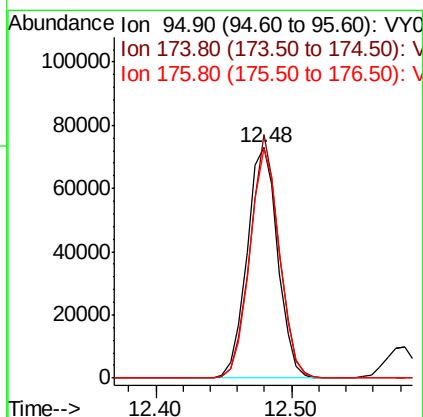
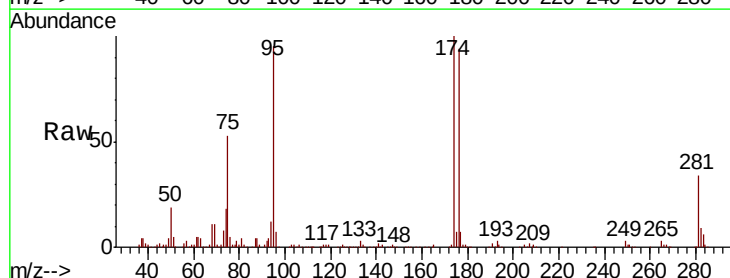
Instrument :
 MSVOA_Y
 ClientSampleId :

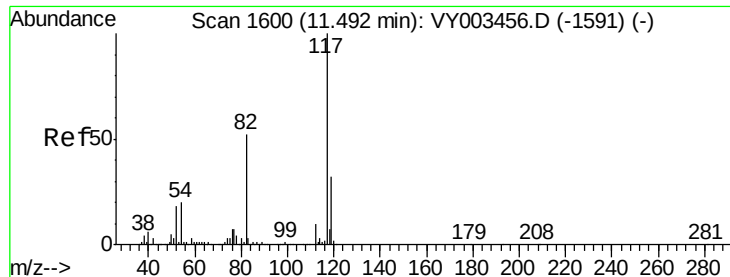
Tot Ion:107 Resp: 72516
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 22.227 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion: 95 Resp: 115909
 Ion Ratio Lower Upper
 95 100
 174 98.3 0.0 197.0
 176 96.6 0.0 193.6

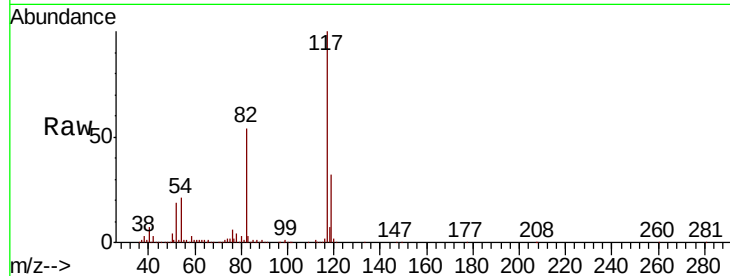




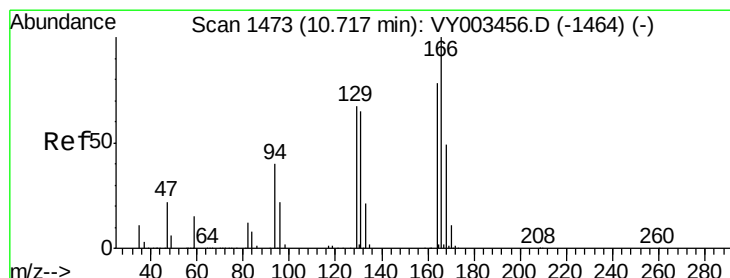
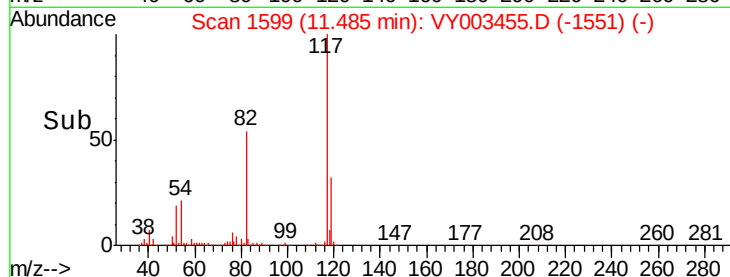
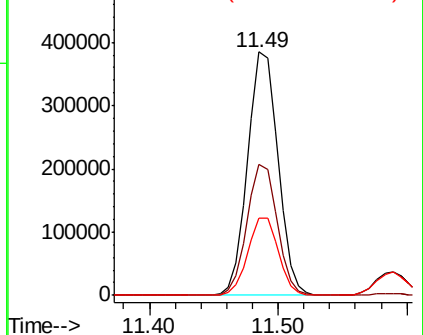
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 626077
Ion Ratio Lower Upper
117 100
82 53.6 41.7 62.5
119 31.9 25.3 37.9

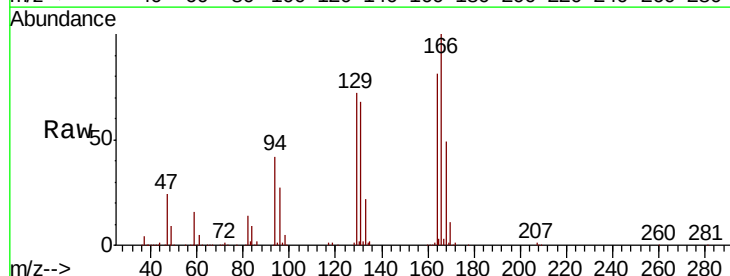


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

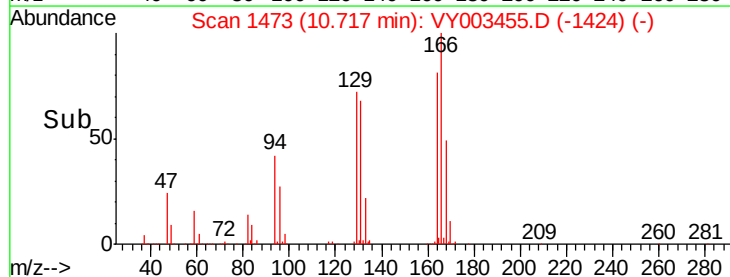
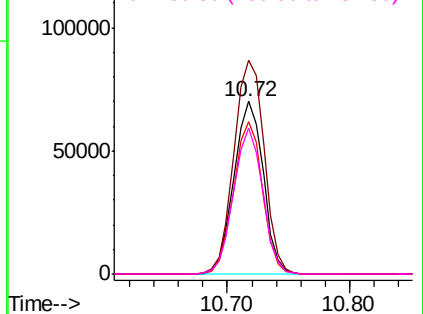


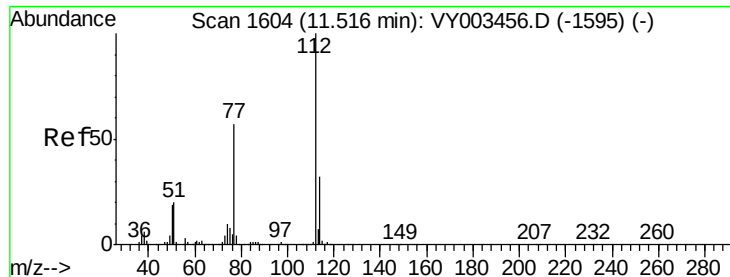
#64
Tetrachloroethene
Concen: 22.084 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion:164 Resp: 116288
Ion Ratio Lower Upper
164 100
166 123.8 103.0 154.6
129 88.6 68.9 103.3
131 84.3 66.7 100.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

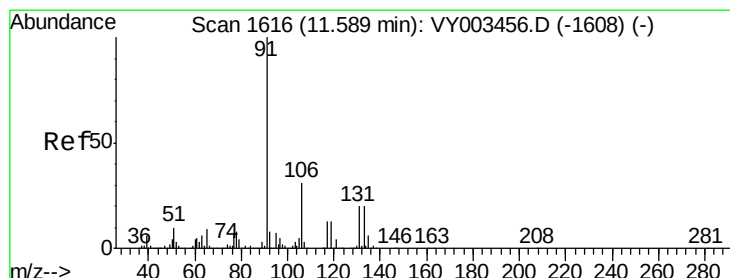
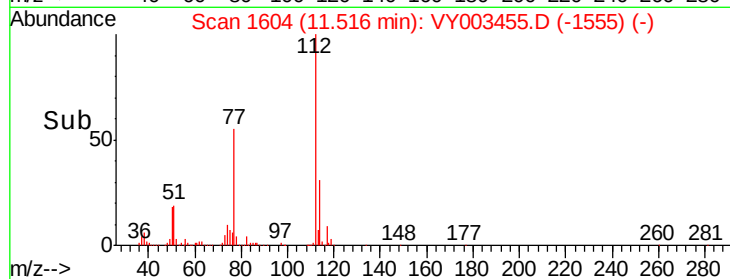
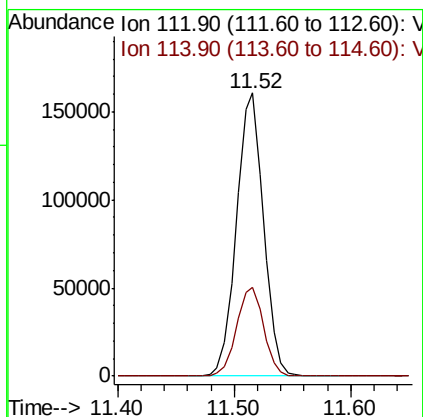
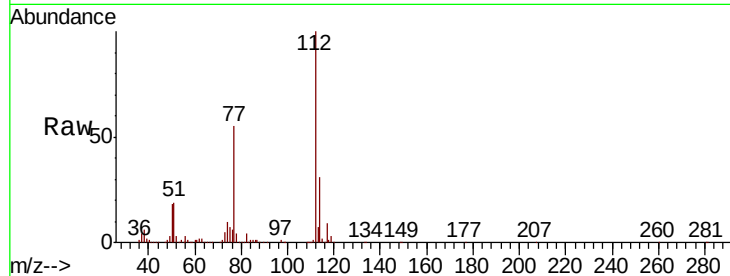




#65
Chlorobenzene
Concen: 21.255 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

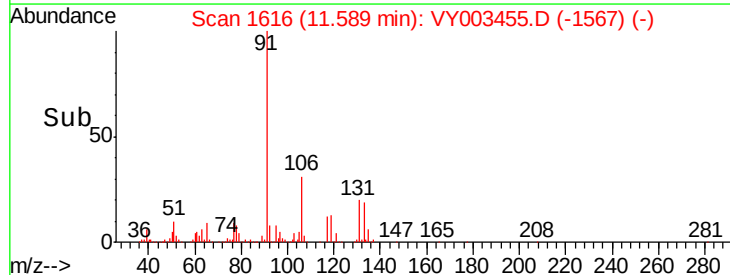
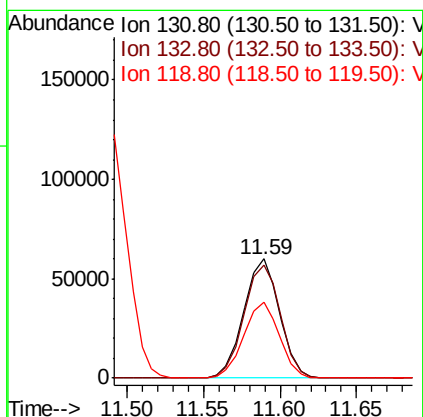
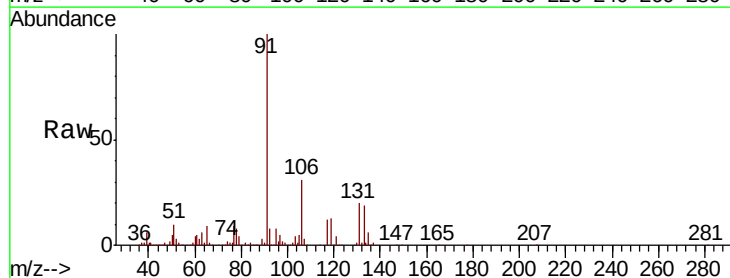
Instrument :
MSVOA_Y
ClientSampleId :

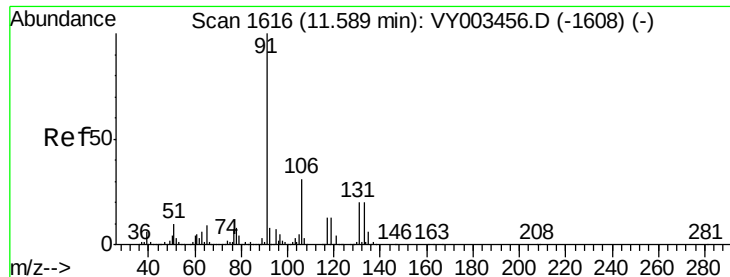
Tot Ion:112 Resp: 259702
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.521 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion:131 Resp: 97490
Ion Ratio Lower Upper
131 100
133 97.1 48.3 144.8
119 63.8 31.5 94.5

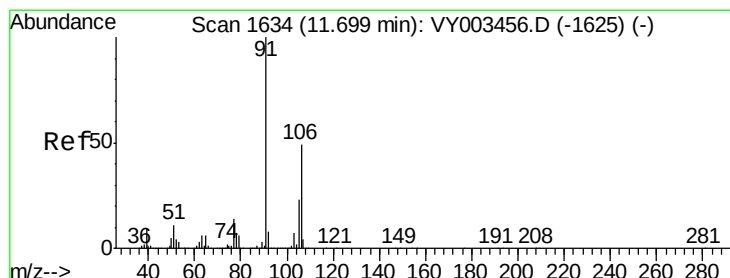
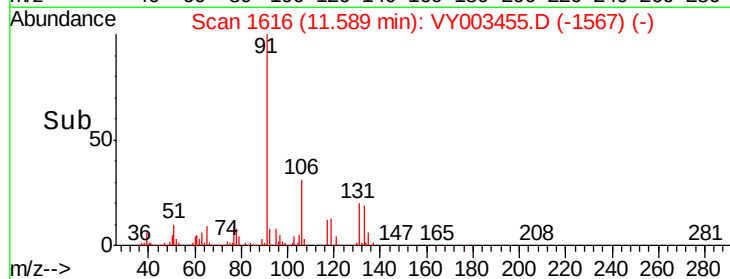
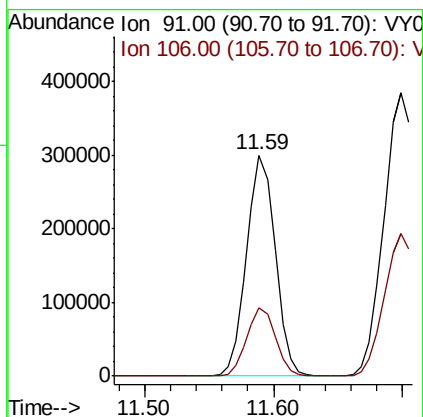
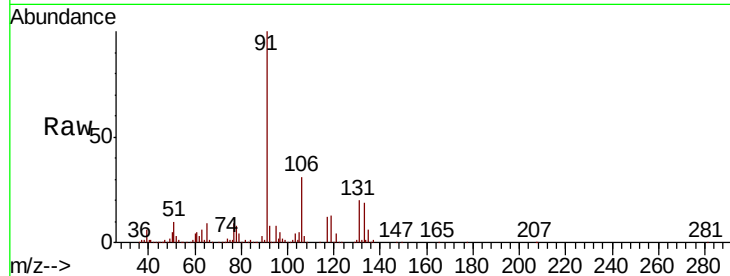




#67
Ethyl Benzene
Concen: 20.944 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

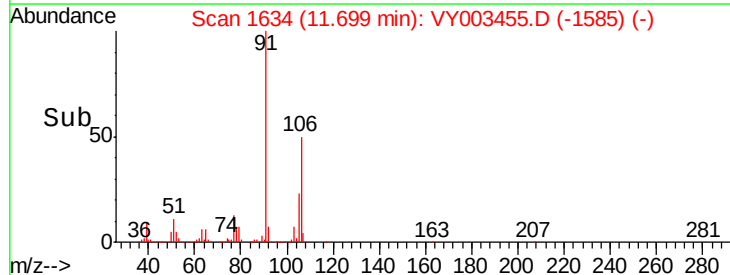
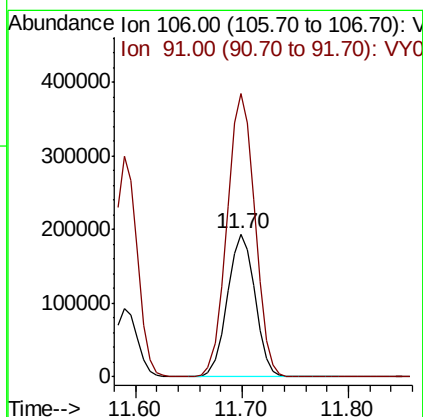
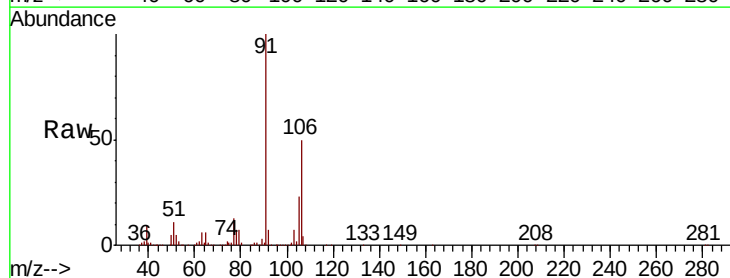
Instrument :
MSVOA_Y
ClientSampled :

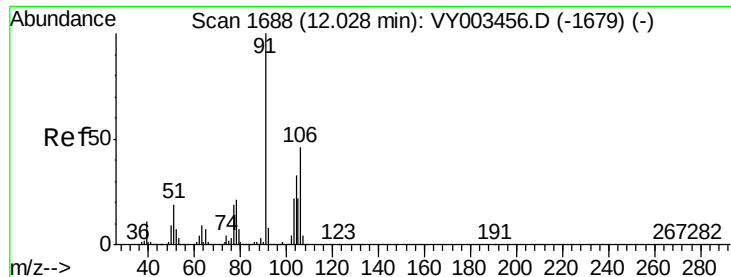
Tot Ion: 91 Resp: 461247
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8



#68
m/p-Xylenes
Concen: 42.320 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion: 106 Resp: 352150
Ion Ratio Lower Upper
106 100
91 200.7 160.9 241.3

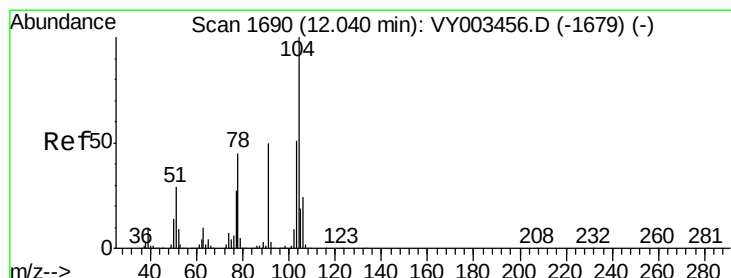
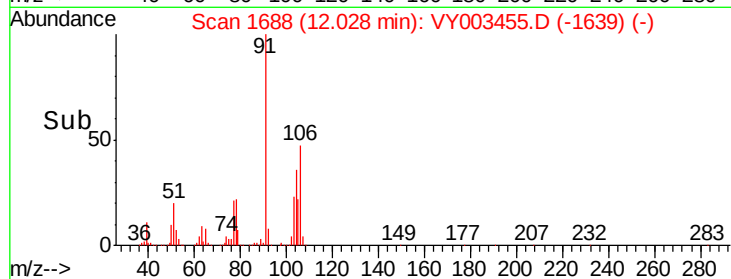
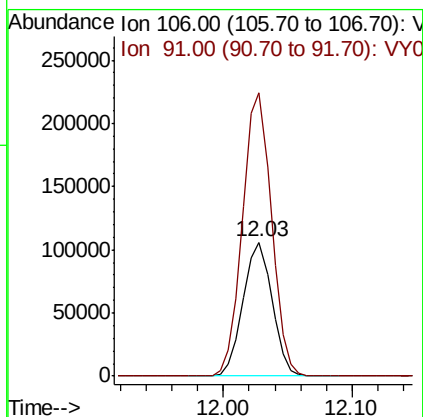
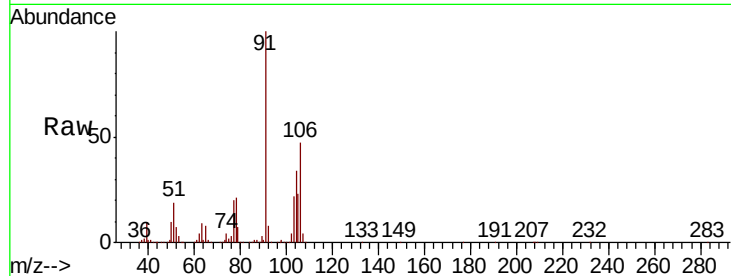




#69
o-Xylene
Concen: 21.217 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

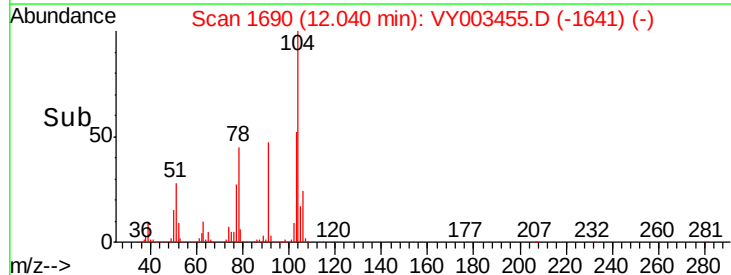
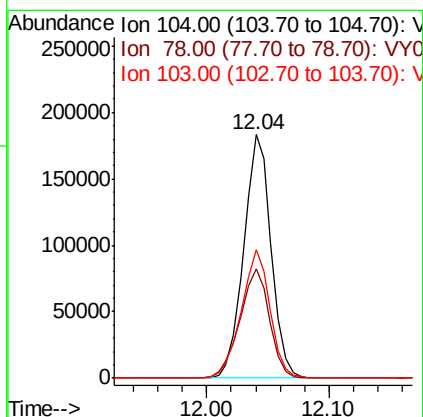
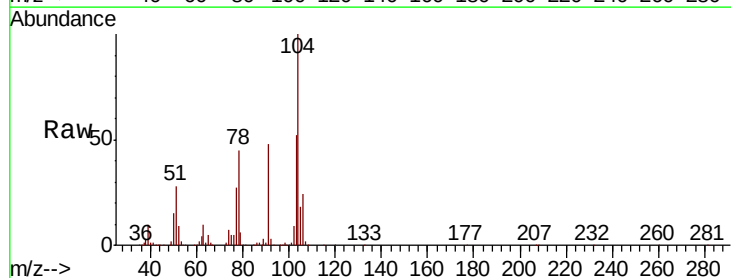
Instrument :
MSVOA_Y
ClientSampleId :

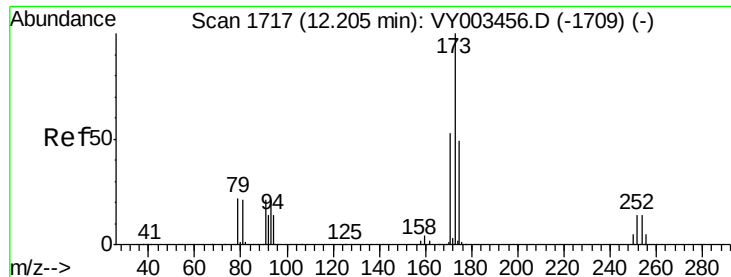
Tot Ion:106 Resp: 165101
Ion Ratio Lower Upper
106 100
91 211.4 106.8 320.4



#70
Styrene
Concen: 21.241 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion:104 Resp: 283259
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.6
103 55.4 44.2 66.4





#71

Bromoform

Concen: 21.399 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

ClientSampled :

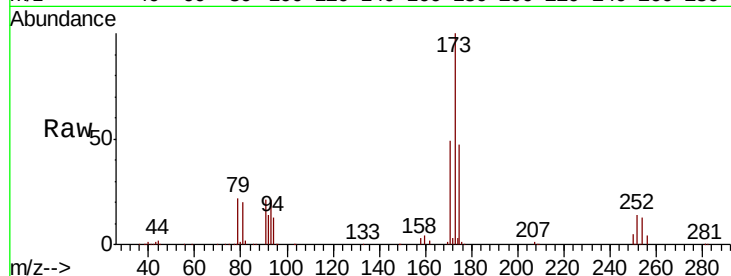
Tot Ion:173 Resp: 66279

Ion Ratio Lower Upper

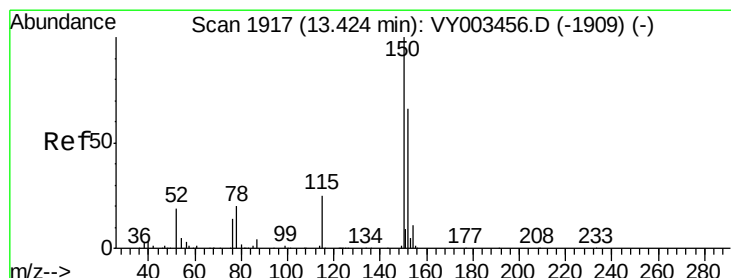
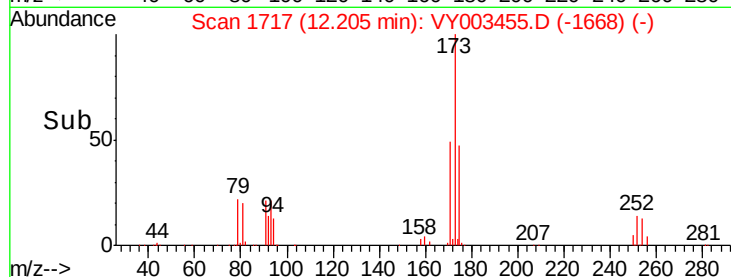
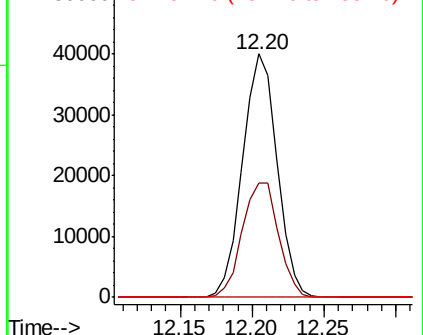
173 100

175 49.6 24.9 74.7

254 0.0 0.2 0.4#



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: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

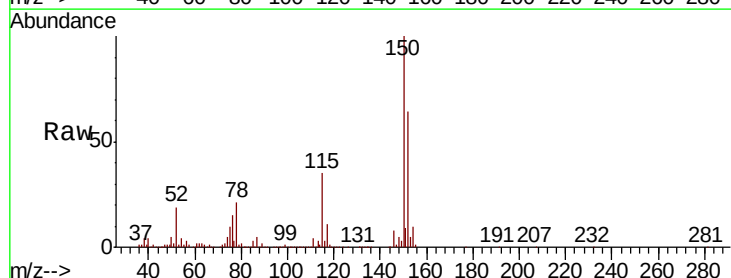
Tgt Ion:152 Resp: 355286

Ion Ratio Lower Upper

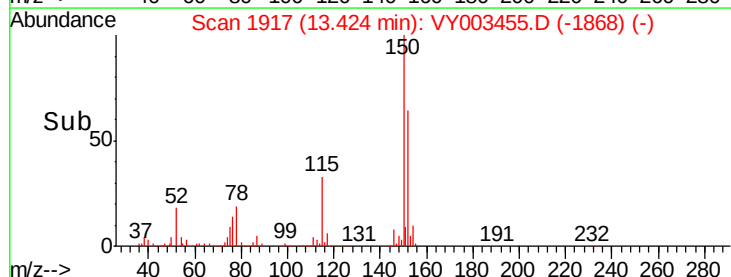
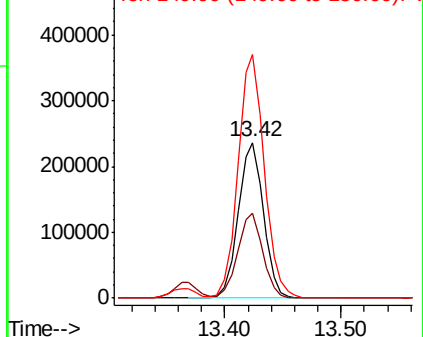
152 100

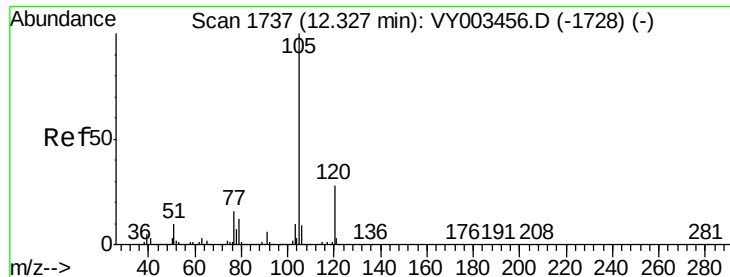
115 54.2 27.0 80.8

150 162.7 0.0 343.6



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: 20.120 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

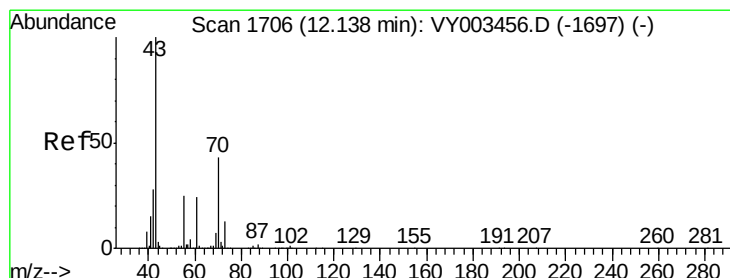
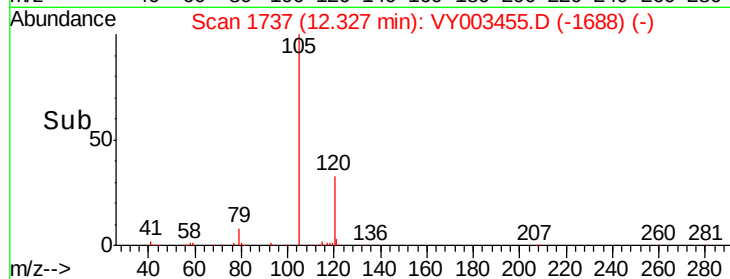
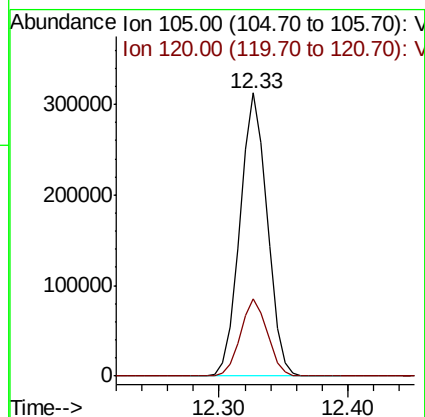
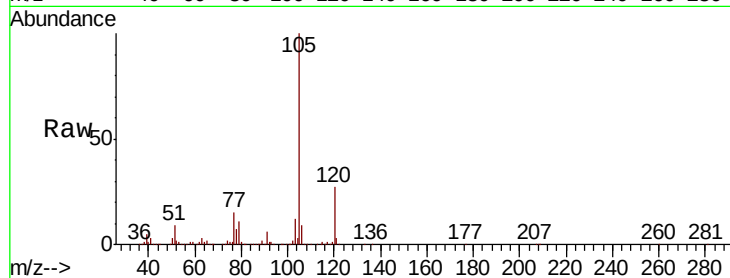
ClientSampleId :

Tot Ion:105 Resp: 456660

Ion Ratio Lower Upper

105 100

120 27.0 13.7 41.0



#74

N-ethyl acetate

Concen: 19.700 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Tgt Ion: 43 Resp: 131365

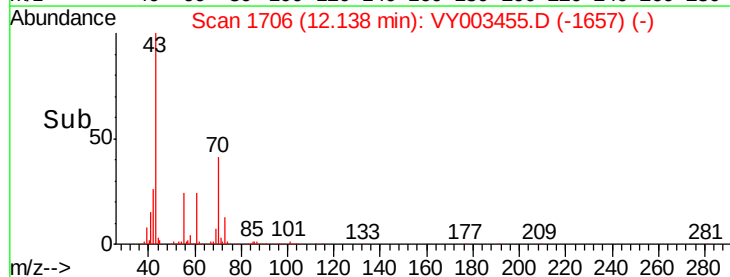
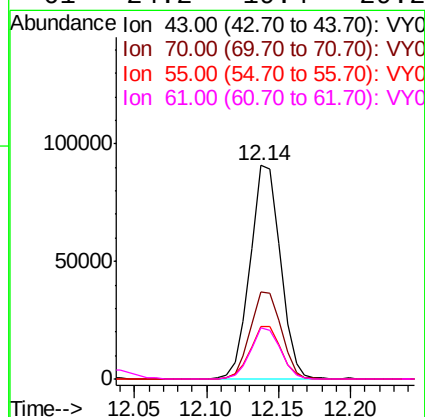
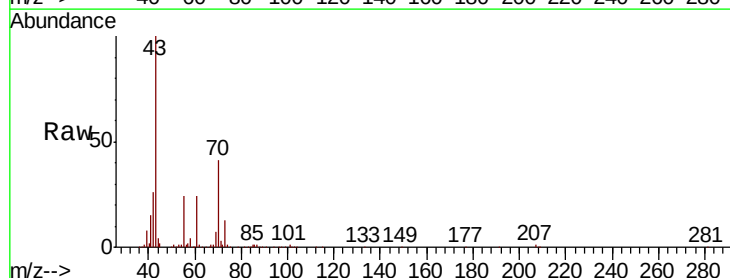
Ion Ratio Lower Upper

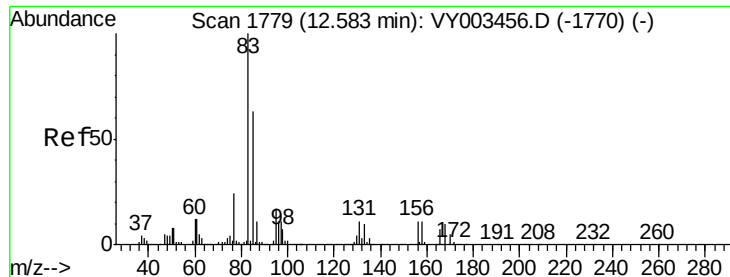
43 100

70 41.9 34.0 51.0

55 25.4 19.5 29.3

61 24.2 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.880 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

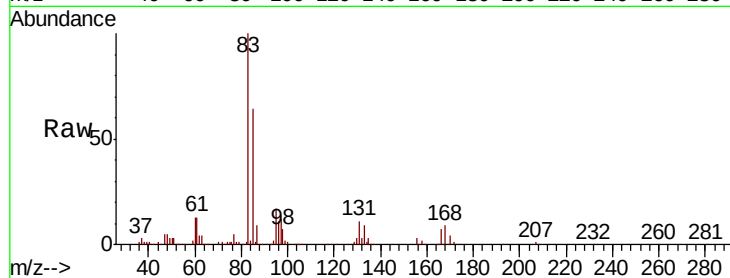
Tot Ion: 83 Resp: 88977

Ion Ratio Lower Upper

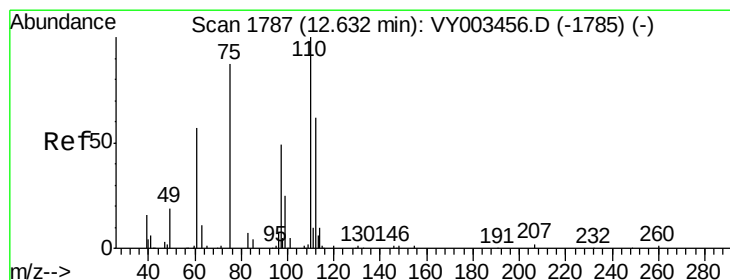
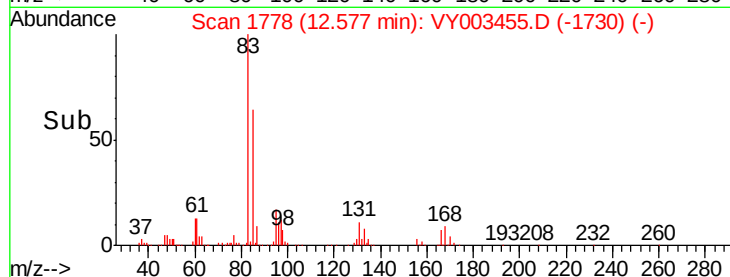
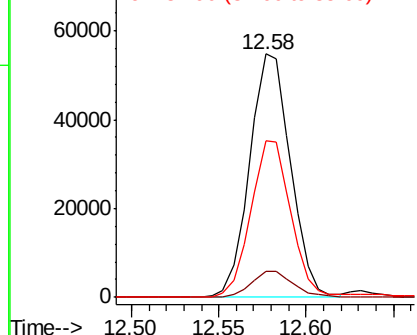
83 100

131 11.0 5.6 16.8

85 63.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 39.820 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003455.D

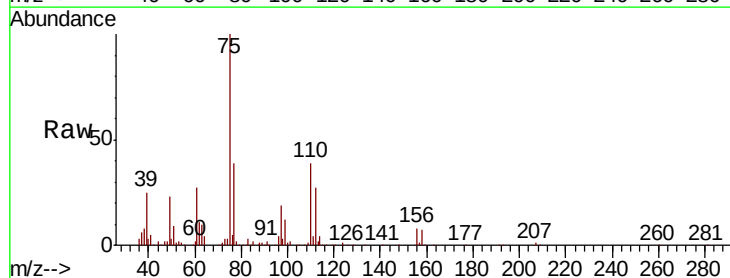
Acq: 05 Oct 2020 15:50

Tgt Ion: 75 Resp: 125987

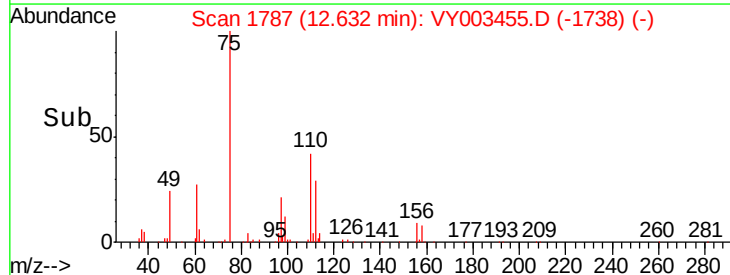
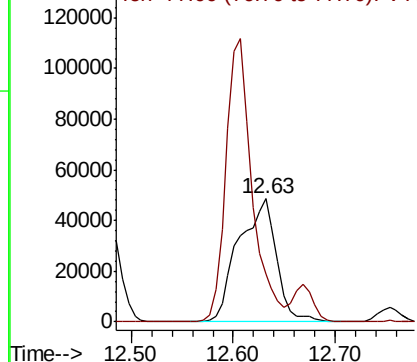
Ion Ratio Lower Upper

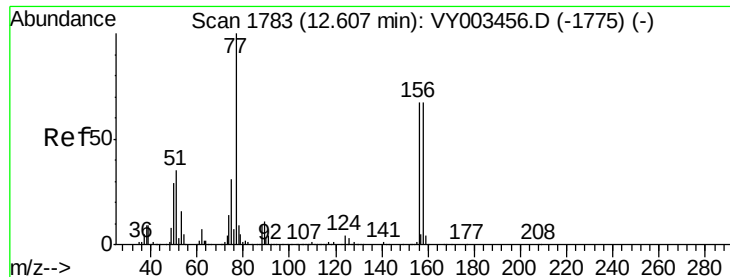
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.824 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

ClientSampled :

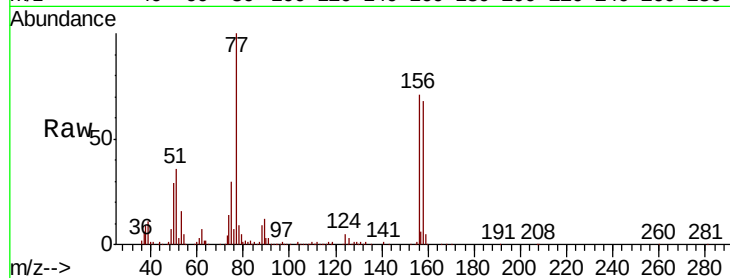
Tot Ion:156 Resp: 120647

Ion Ratio Lower Upper

156 100

77 165.6 84.5 253.4

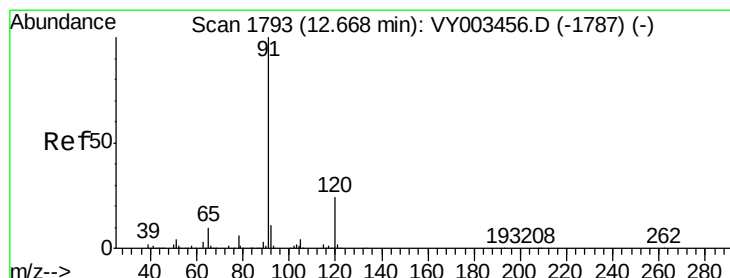
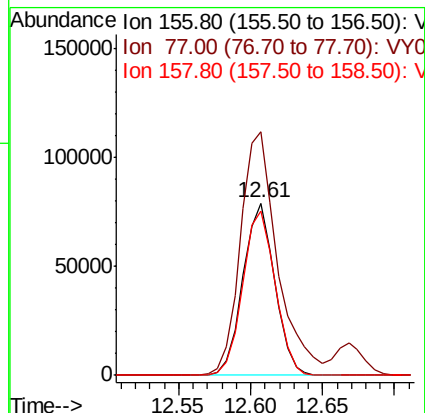
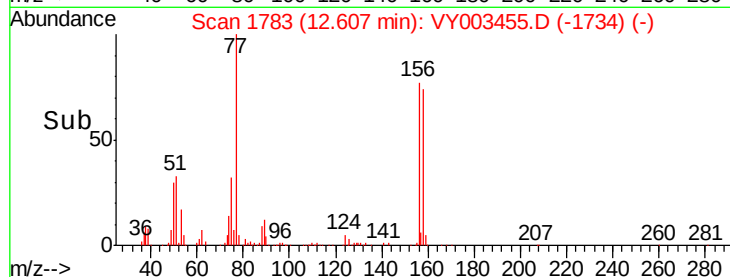
158 97.5 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.985 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003455.D

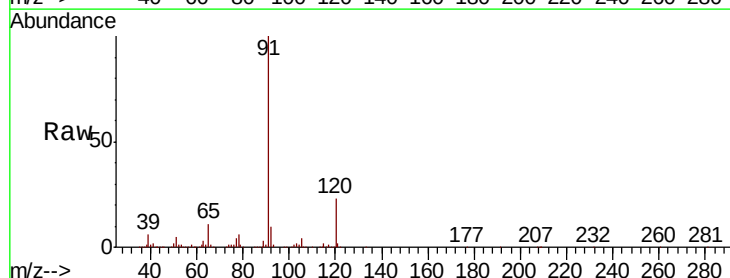
Acq: 05 Oct 2020 15:50

Tgt Ion: 91 Resp: 541432

Ion Ratio Lower Upper

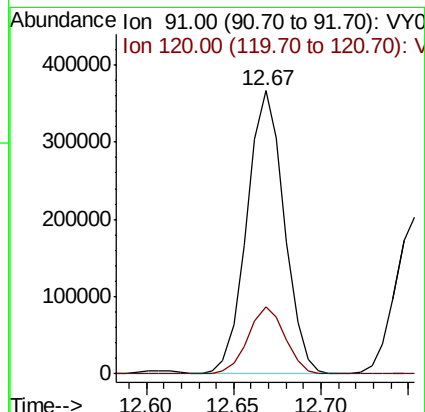
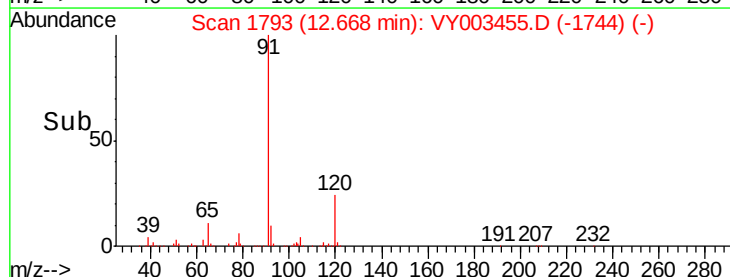
91 100

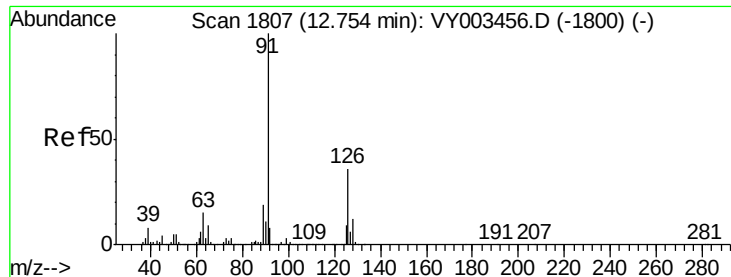
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

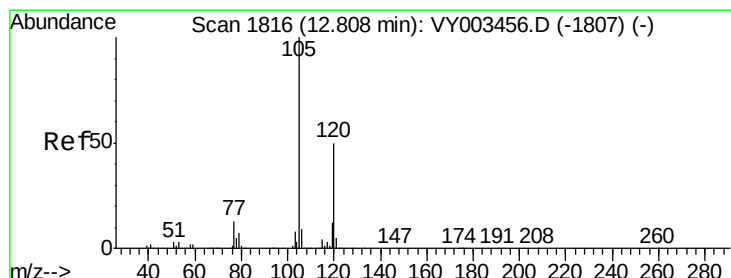
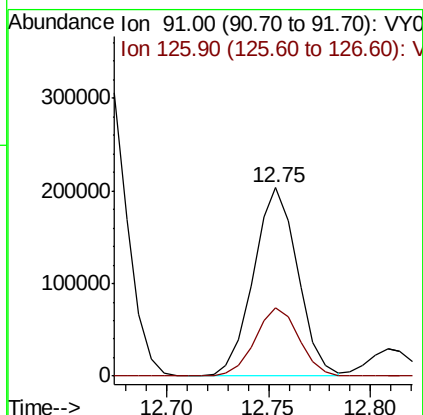
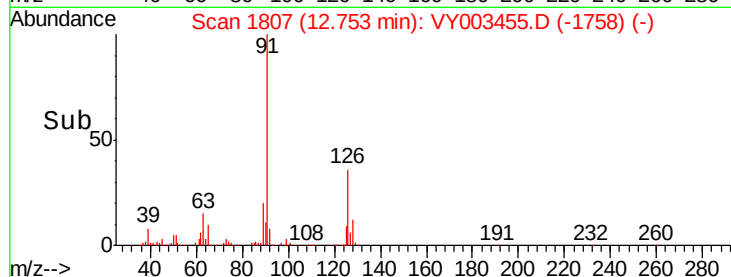
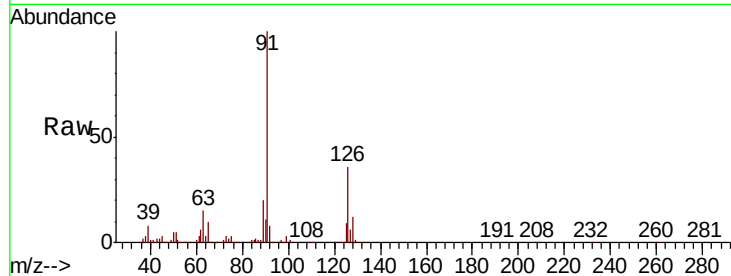




#79
 2-Chlorotoluene
 Concen: 20.306 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

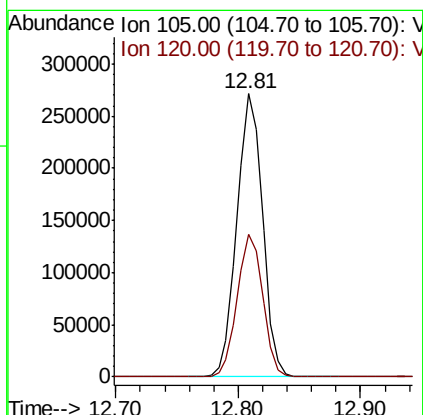
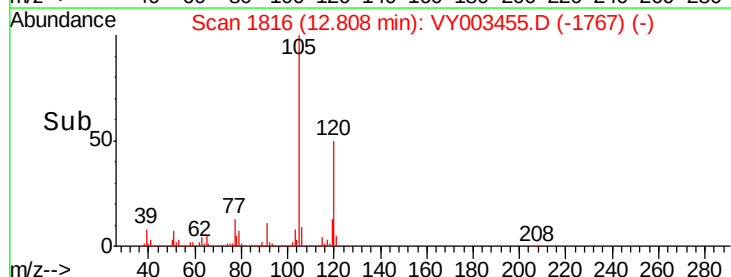
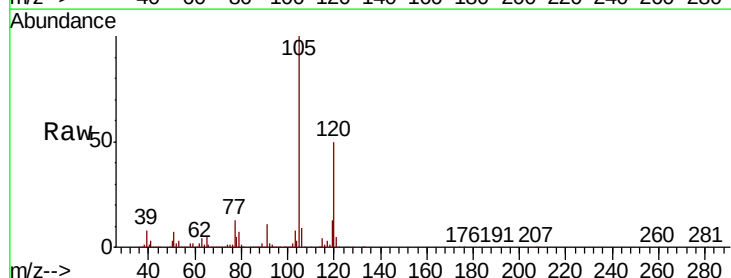
Instrument :
 MSVOA_Y
 ClientSampleId :

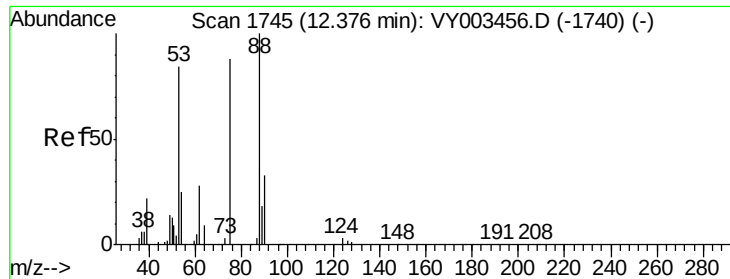
Tot Ion: 91 Resp: 306354
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.518 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion: 105 Resp: 392682
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.0 75.0

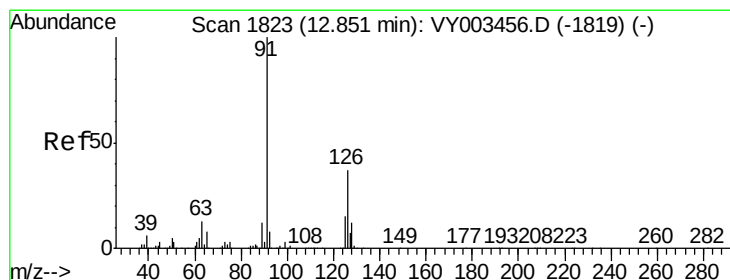
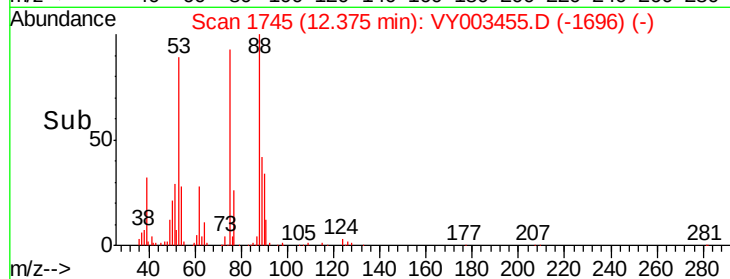
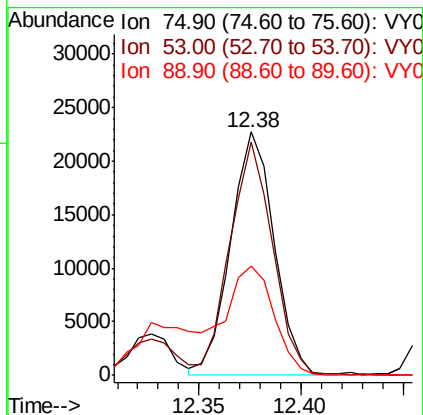
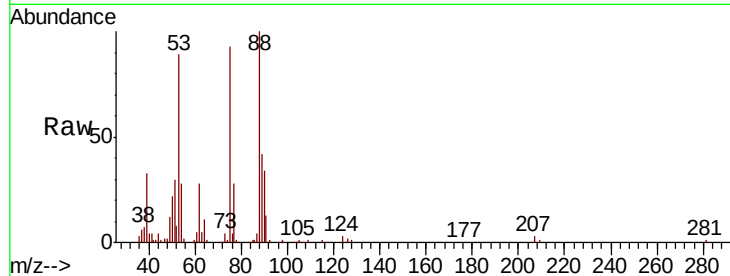




#81
trans-1,4-Dichloro-2-butene
Concen: 20.107 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

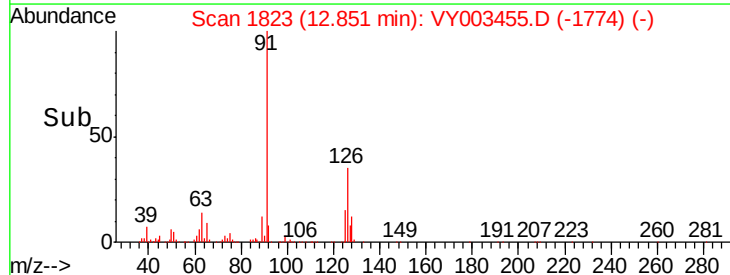
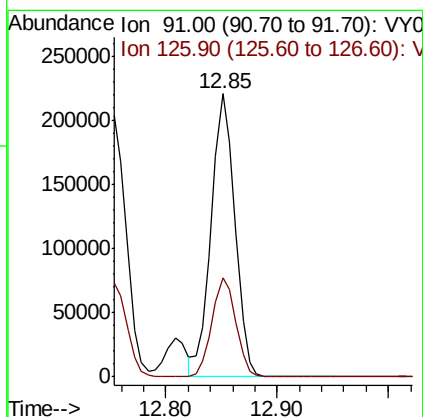
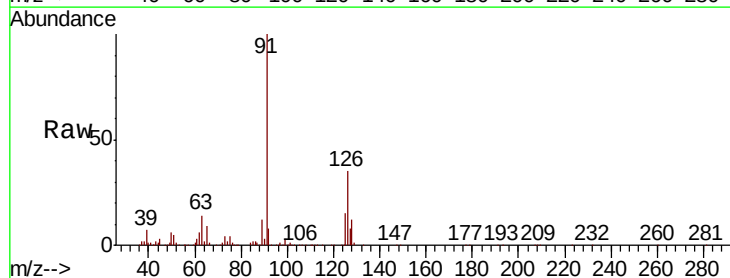
Instrument :
MSVOA_Y
ClientSampleId :

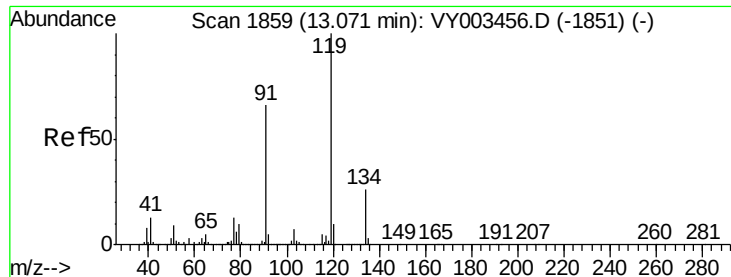
Tot Ion: 75 Resp: 33626
Ion Ratio Lower Upper
75 100
53 93.8 74.2 111.2
89 50.2 36.2 54.4



#82
4-Chlorotoluene
Concen: 20.802 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion: 91 Resp: 326312
Ion Ratio Lower Upper
91 100
126 35.3 18.1 54.4

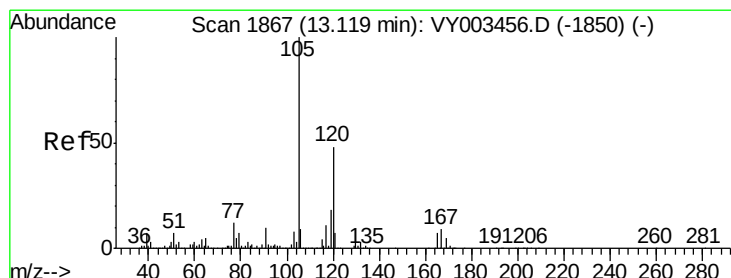
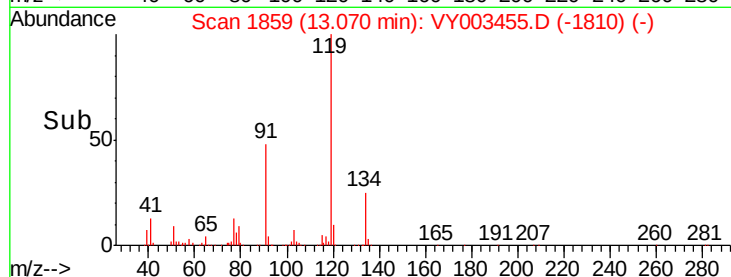
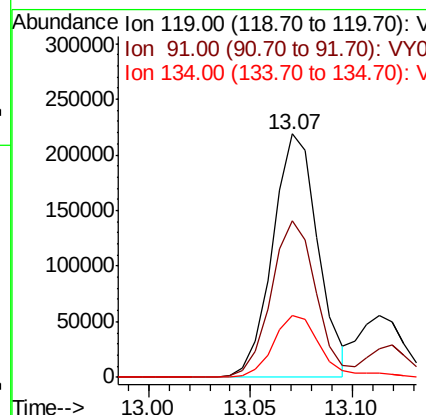
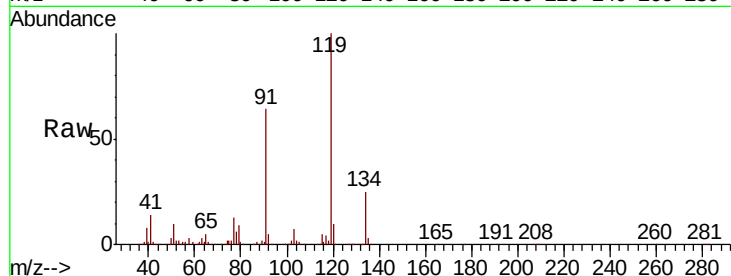




#83
tert-Butylbenzene
Concen: 20.501 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

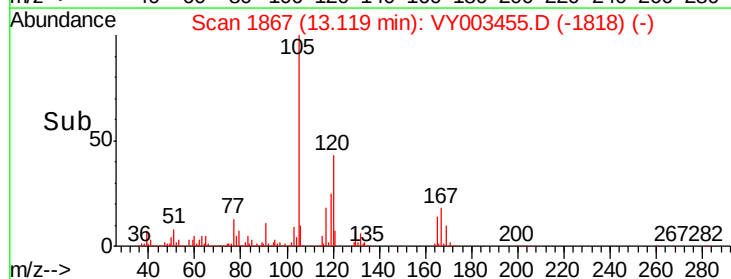
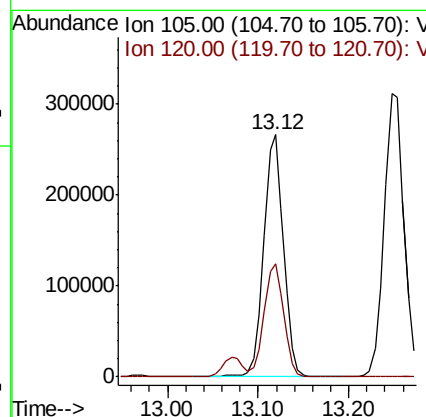
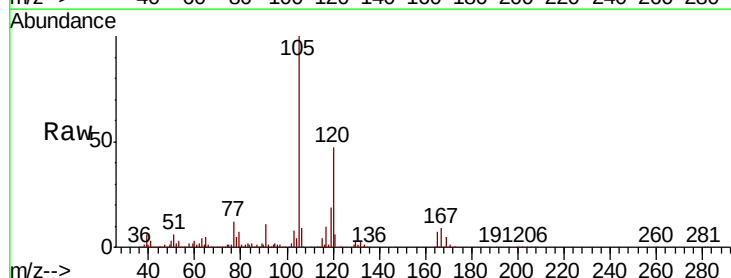
Instrument :
MSVOA_Y
ClientSampled :

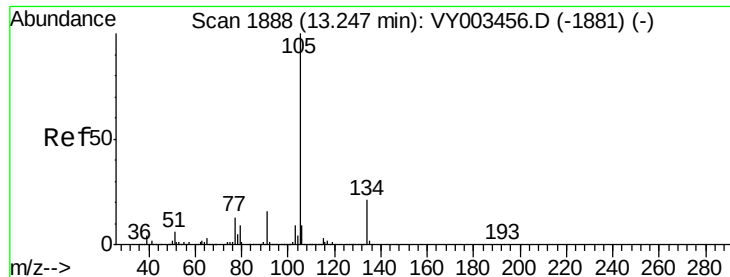
Tot Ion:119 Resp: 340026
Ion Ratio Lower Upper
119 100
91 64.1 32.5 97.4
134 26.8 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 20.806 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion:105 Resp: 399684
Ion Ratio Lower Upper
105 100
120 46.7 23.5 70.5





#85

sec-Butylbenzene

Concen: 20.358 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

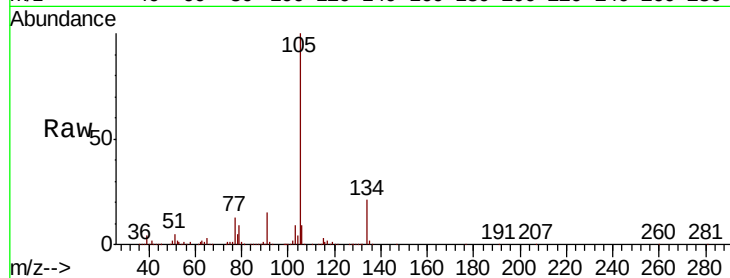
ClientSampleId :

Tot Ion:105 Resp: 469459

Ion Ratio Lower Upper

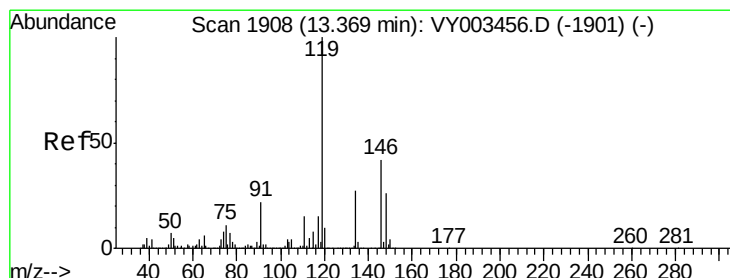
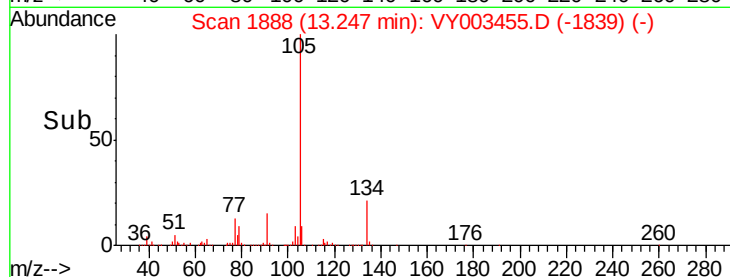
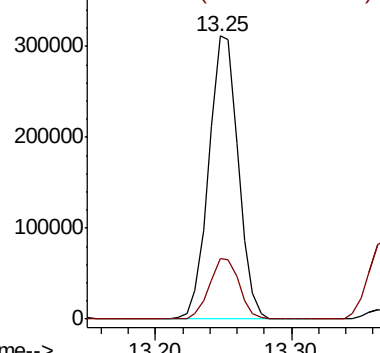
105 100

134 21.6 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.899 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

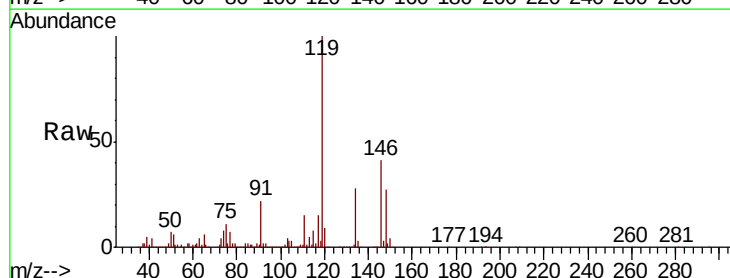
Tgt Ion:119 Resp: 452532

Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.1

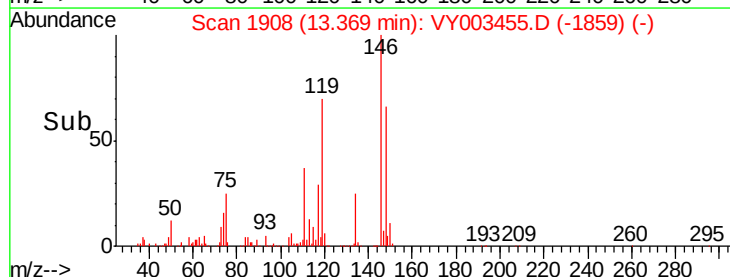
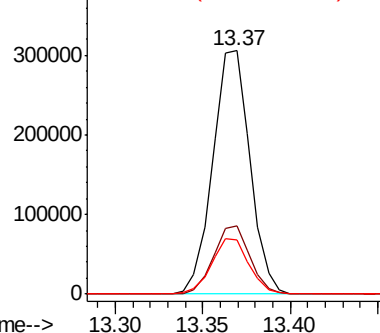
91 22.9 11.4 34.2

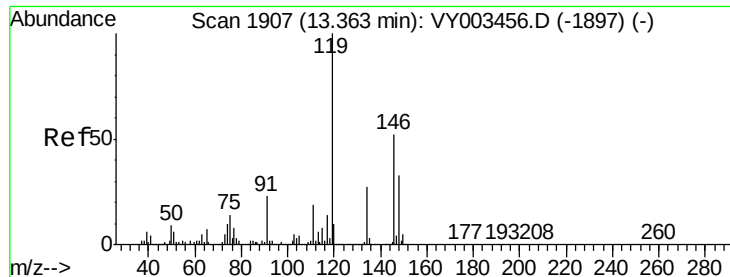


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

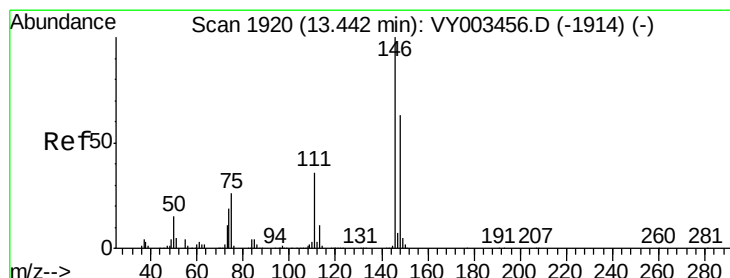
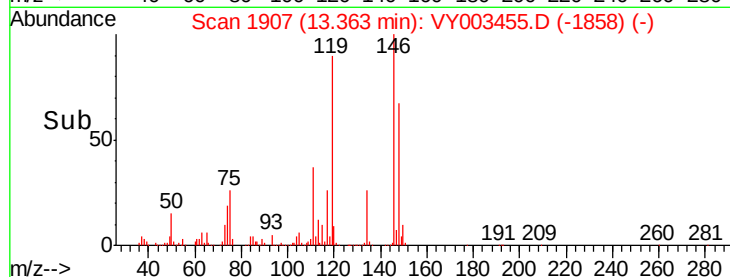
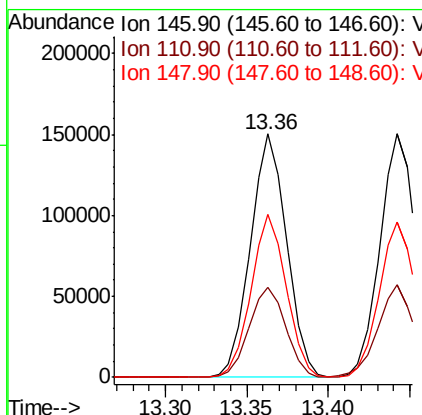
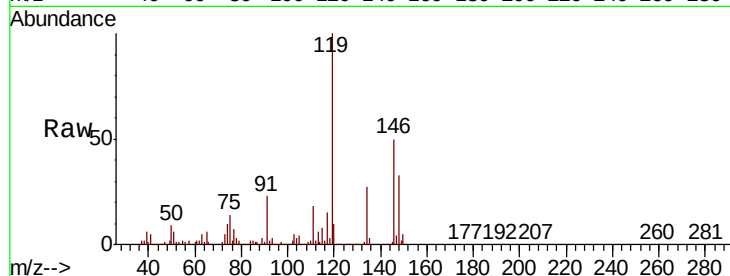




#87
 1,3-Dichlorobenzene
 Concen: 20.947 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

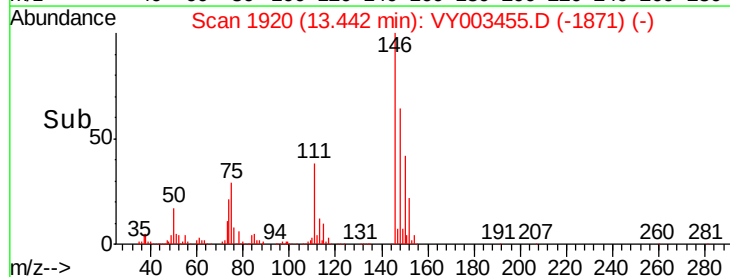
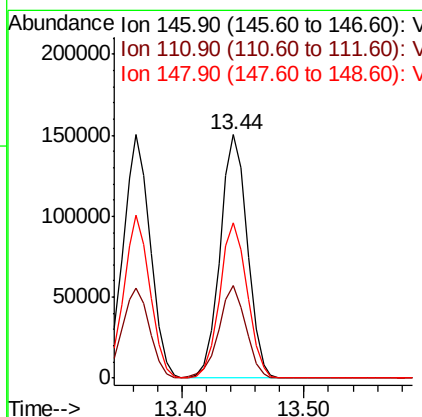
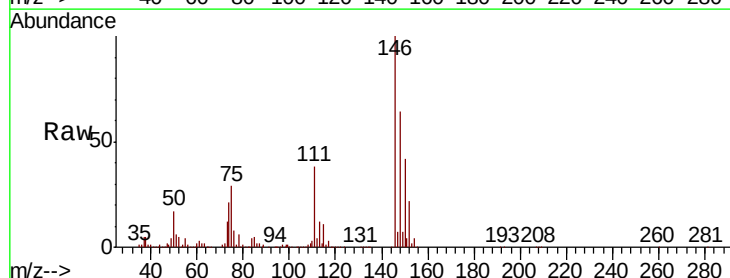
Instrument :
 MSVOA_Y
 ClientSampleId :

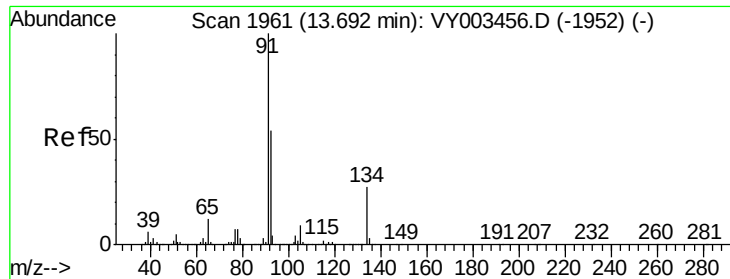
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.0
148	64.9	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 21.159 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.0
148	64.7	32.4	97.0

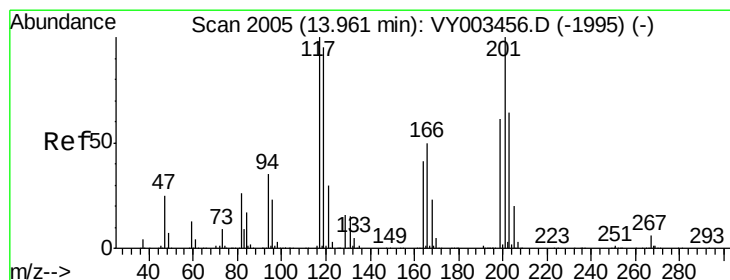
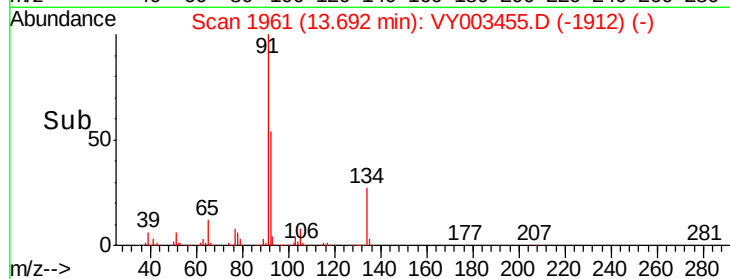
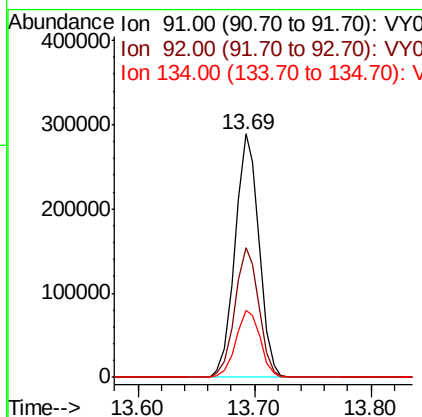
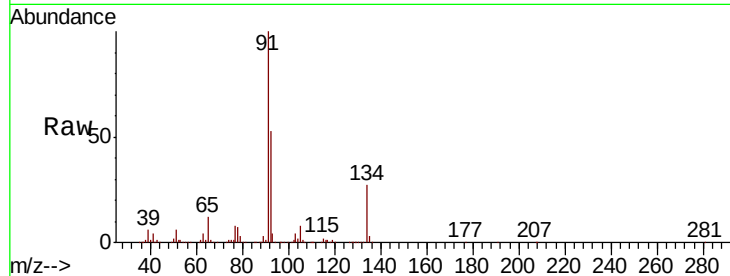




#89
n-Butylbenzene
Concen: 20.366 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

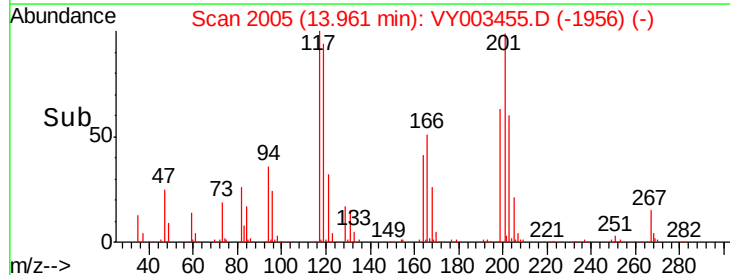
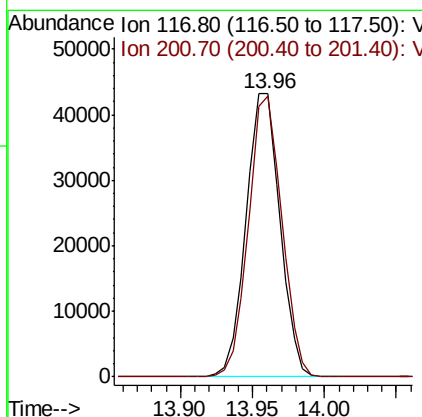
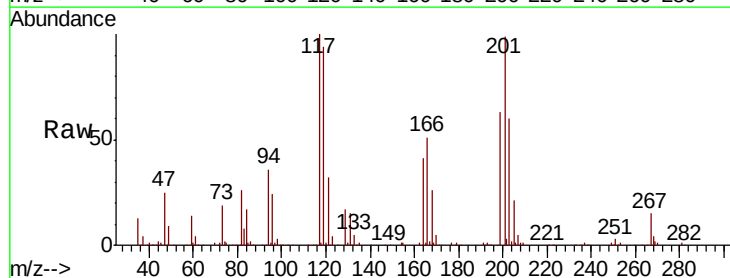
Instrument :
MSVOA_Y
ClientSampleId :

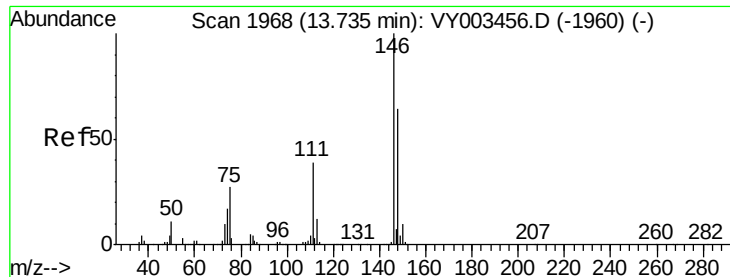
Tot Ion: 91 Resp: 413554
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.8
134 27.9 14.1 42.4



#90
Hexachloroethane
Concen: 17.498 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion: 117 Resp: 70319
Ion Ratio Lower Upper
117 100
201 97.4 48.3 144.8

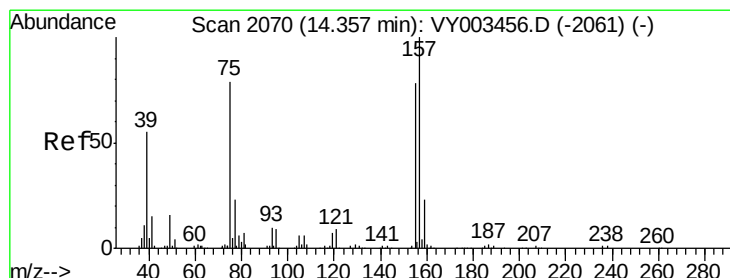
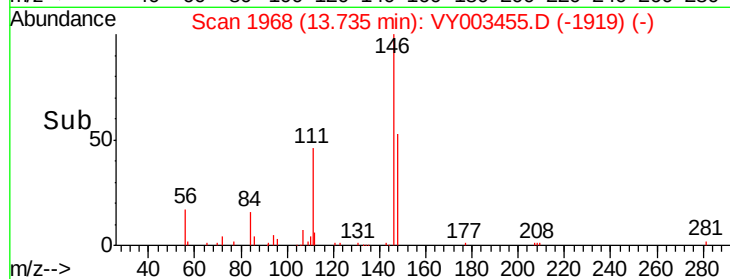
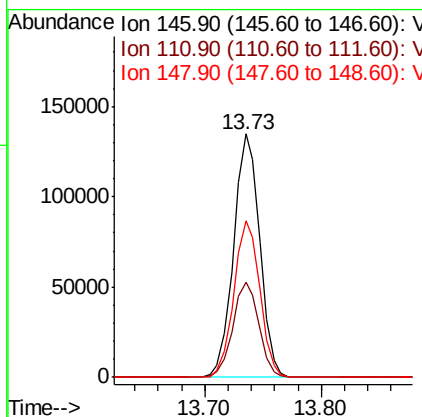
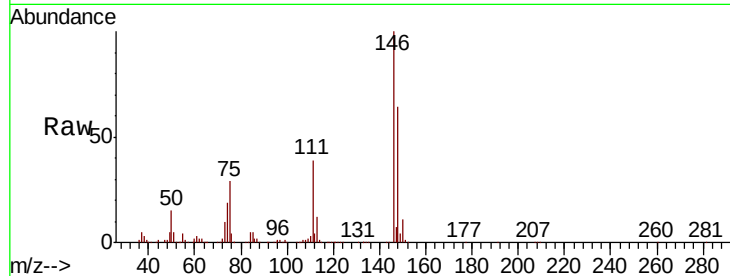




#91
 1,2-Dichlorobenzene
 Concen: 21.430 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

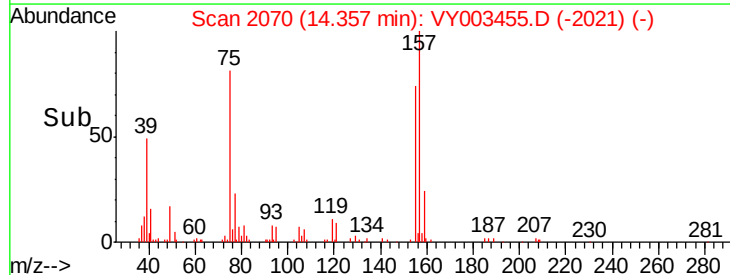
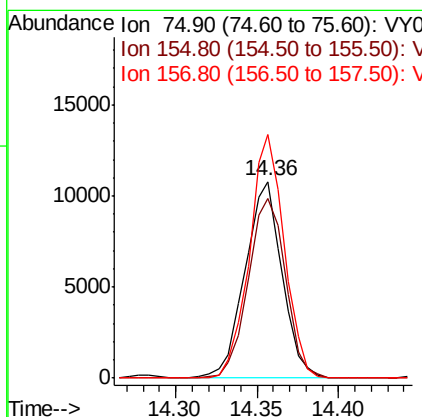
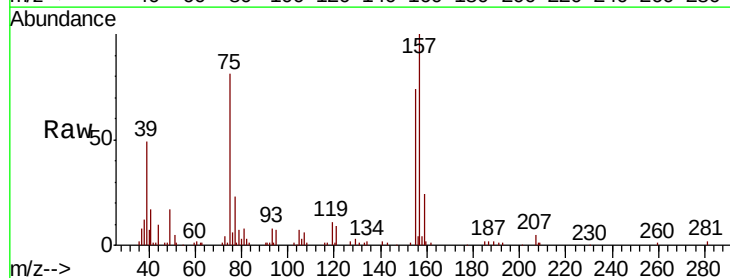
Instrument :
 MSVOA_Y
 ClientSampleId :

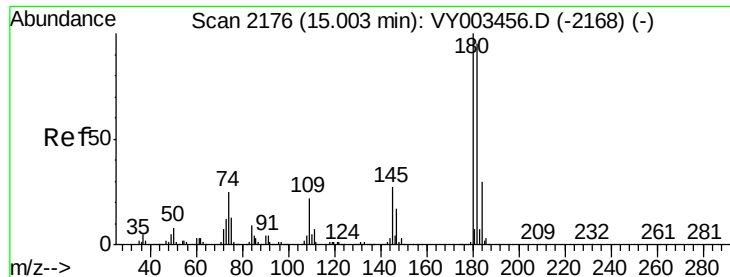
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.1	57.5
148	64.0	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.051 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.9	47.8	143.3
157	116.0	60.8	182.4

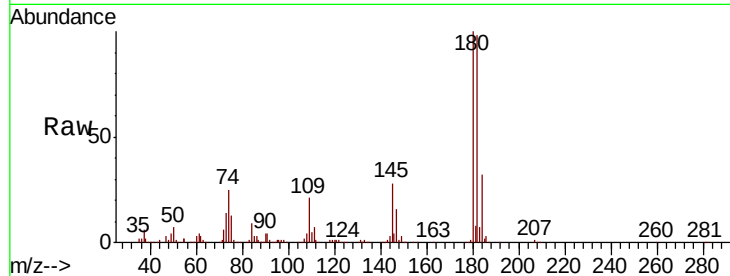




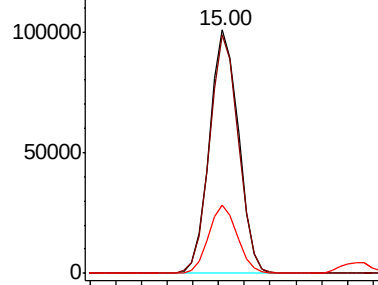
#93
 1,2,4-Trichlorobenzene
 Concen: 22.434 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :

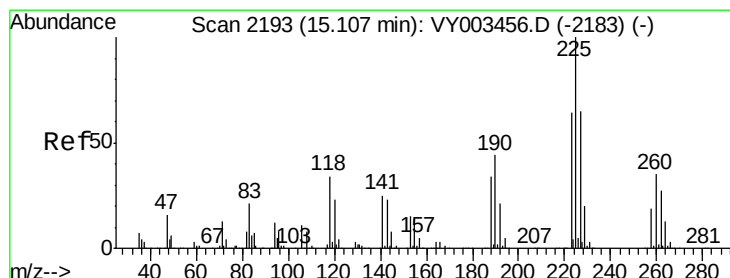
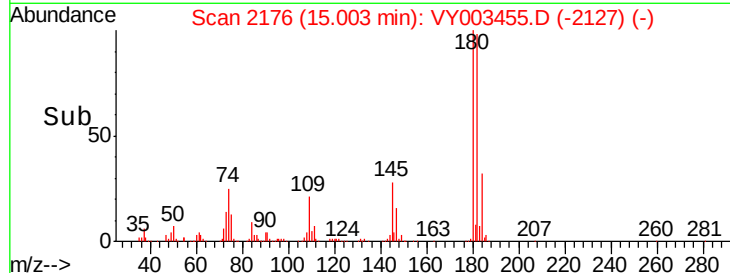
Tot Ion:180 Resp: 156906
 Ion Ratio Lower Upper
 180 100
 182 97.1 48.0 144.0
 145 27.7 13.5 40.5



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

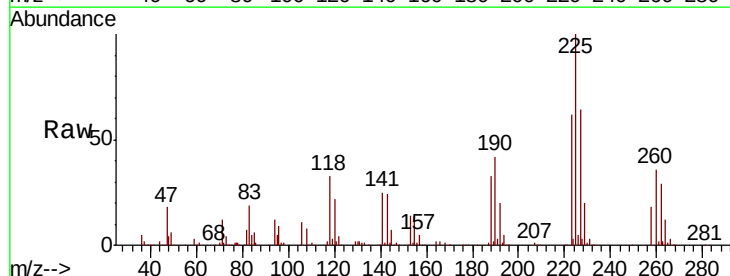


Time--> 14.90 15.00 15.10

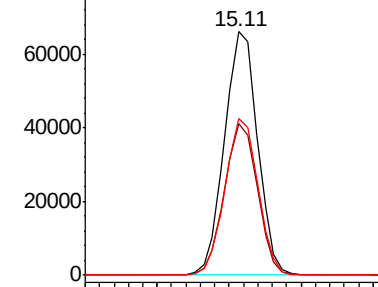


#94
 Hexachlorobutadiene
 Concen: 22.647 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

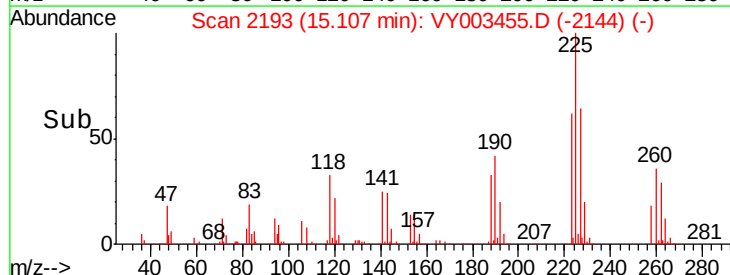
Tgt Ion:225 Resp: 104472
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.4 94.0
 227 64.3 32.5 97.4

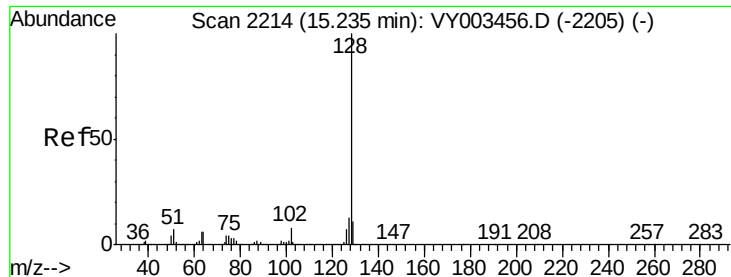


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time--> 15.00 15.05 15.10 15.15

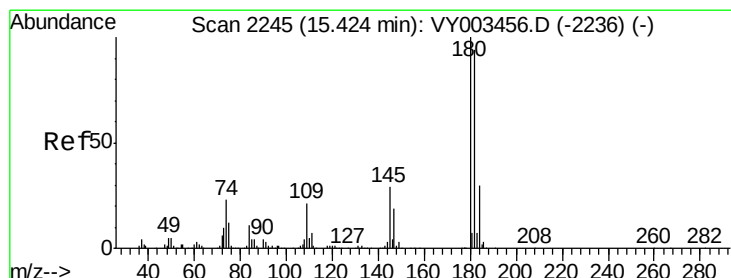
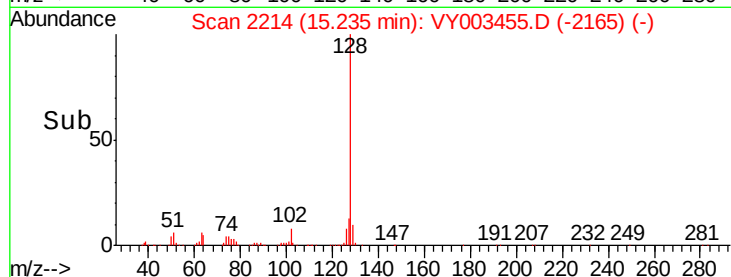
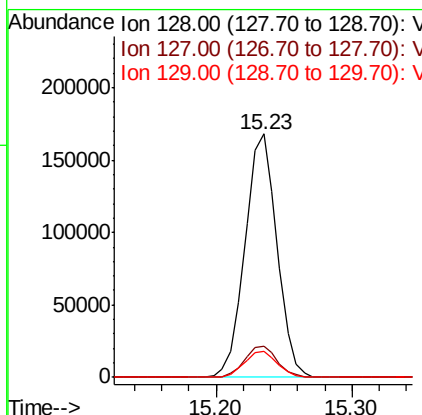
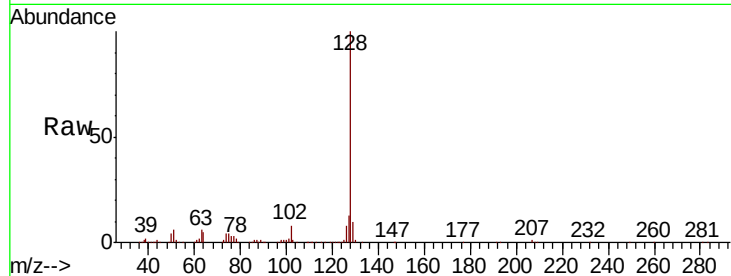




#95
Naphthalene
Concen: 23.089 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 24.066 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.5	142.6
145	28.8	14.4	43.4

