

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019997.D
 Acq On : 23 Oct 2024 16:19
 Operator : SY/MD
 Sample : P4489-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 24 01:28:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	7780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	15146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	11864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	5196	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	5446	56.851	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.700%	
35) Dibromofluoromethane	7.634	113	4676	46.785	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.560%	
50) Toluene-d8	10.109	98	17309	46.896	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.800%	
62) 4-Bromofluorobenzene	12.402	95	7649	57.355	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 114.700%	

Target Compounds			Qvalue			
3) Chloromethane	2.074	50	219	2.323	ug/l	99
5) Bromomethane	2.605	94	198	3.016	ug/l	# 68
11) Tert butyl alcohol	4.830	59	69	Below Cal	#	88
13) Acrolein	3.763	56	26	3.694	ug/l	# 15
15) Acrylonitrile	5.189	53	28	1.305	ug/l	# 18
16) Acetone	3.885	43	39	1.564	ug/l	# 36
18) Methyl Acetate	4.342	43	61	1.136	ug/l	# 46
20) Methylene Chloride	4.604	84	215	1.552	ug/l	# 43
25) 2-Butanone	6.872	43	115	3.445	ug/l	# 41
29) Tetrahydrofuran	7.256	42	24	1.259	ug/l	# 26
31) Cyclohexane	7.707	56	569	3.555	ug/l	# 78
38) Carbon Tetrachloride	7.695	117	981	6.355	ug/l	# 13
39) Methylcyclohexane	9.109	83	4764	26.258	ug/l	# 90
41) Methacrylonitrile	7.207	41	49	1.206	ug/l	# 1
46) Dibromomethane	9.189	93	81	1.359	ug/l	# 3
48) Methyl methacrylate	9.164	41	349	5.181	ug/l	# 9
49) 1,4-Dioxane	9.469	88	46	68.968	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.091	43	1518	19.436	ug/l	# 31
52) Toluene	10.170	92	5567	20.466	ug/l	# 88
55) 1,1,2-Trichloroethane	10.548	97	9179	116.909	ug/l	# 22
56) Ethyl methacrylate	10.451	69	1752	15.551	ug/l	# 1
59) 2-Hexanone	10.725	43	15089	270.492	ug/l	# 24
67) Ethyl Benzene	11.518	91	40699	82.565	ug/l	# 93
68) m/p-Xylenes	11.627	106	51559	283.212	ug/l	# 92
69) o-Xylene	11.950	106	44132	252.305	ug/l	# 88
70) Styrene	11.950	104	2242	7.597	ug/l	# 1
73) Isopropylbenzene	12.249	105	30139	68.960	ug/l	# 98
74) N-amyl acetate	12.048	43	61881	534.579	ug/l	# 53
75) 1,1,2,2-Tetrachloroethane	12.566	83	14011	180.417	ug/l	# 26
76) 1,2,3-Trichloropropane	12.603	75	849	8.341	ug/l	# 100
78) n-propylbenzene	12.591	91	94276	178.520	ug/l	# 97
79) 2-Chlorotoluene	12.688	91	13086	43.223	ug/l	# 42
80) 1,3,5-Trimethylbenzene	12.731	105	129921	368.091	ug/l	# 96
81) trans-1,4-Dichloro-2-b...	12.249	75	630	24.982	ug/l	# 1
82) 4-Chlorotoluene	12.731	91	17217	55.616	ug/l	# 54
83) tert-Butylbenzene	13.036	119	41133	130.087	ug/l	# 55

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QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

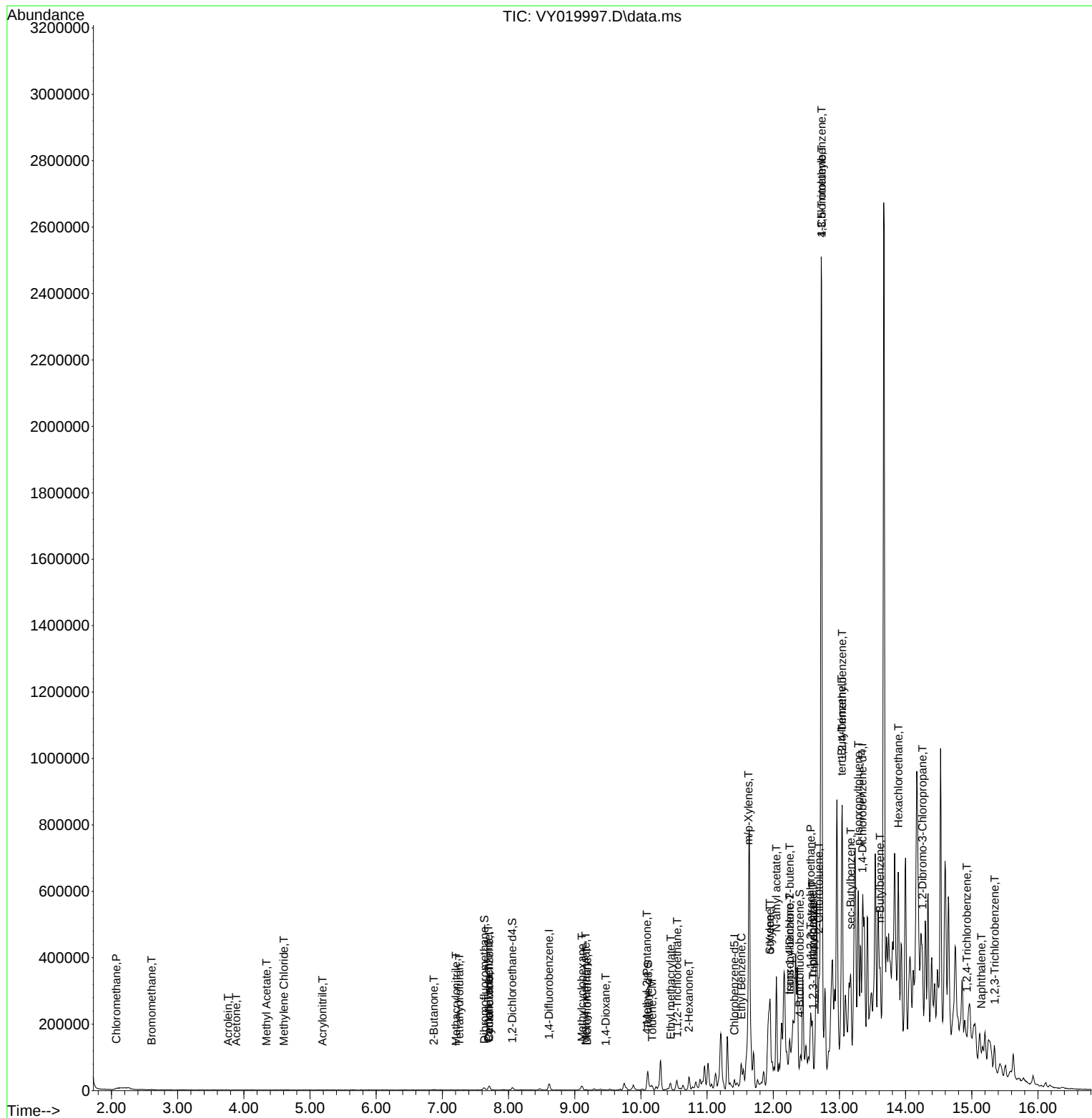
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.042	105	346029	988.824	ug/l	96
85) sec-Butylbenzene	13.170	105	66795	141.388	ug/l	90
86) p-Isopropyltoluene	13.286	119	39288	102.414	ug/l	93
89) n-Butylbenzene	13.615	91	61710	164.743	ug/l #	73
90) Hexachloroethane	13.889	117	13621	182.346	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.255	75	1101	88.834	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.926	180	440	4.768	ug/l #	1
95) Naphthalene	15.145	128	8262	47.471	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.346	180	1153	14.781	ug/l #	1

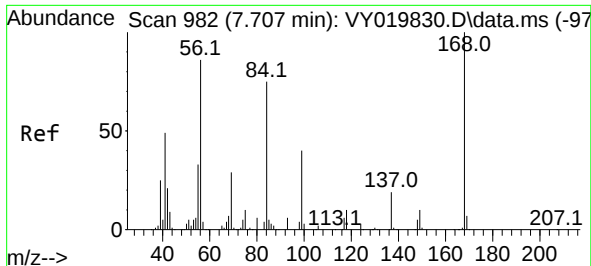
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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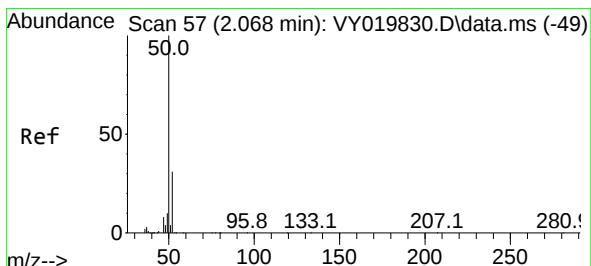
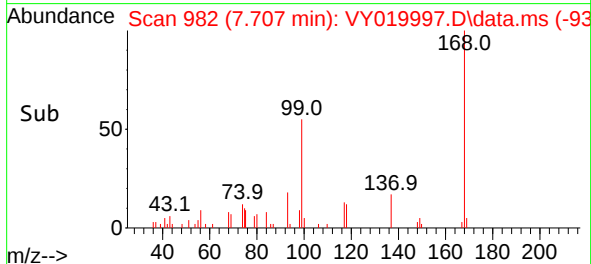
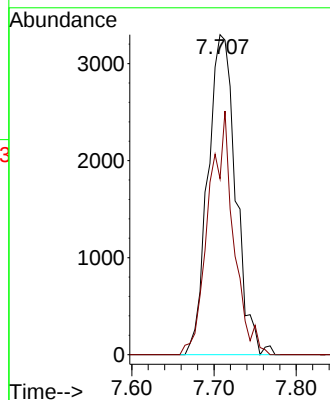
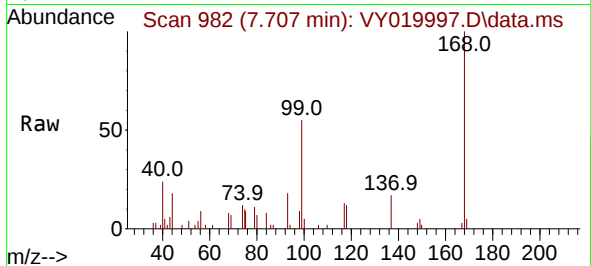




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019997.D
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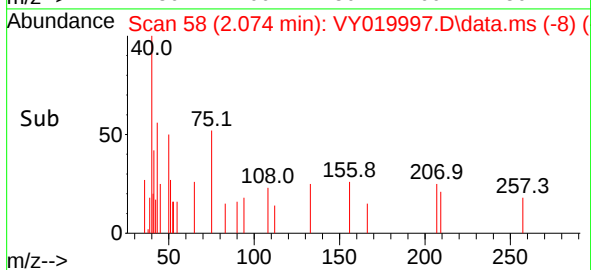
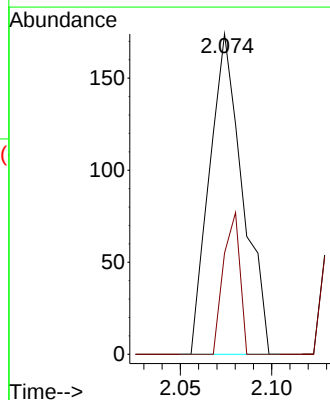
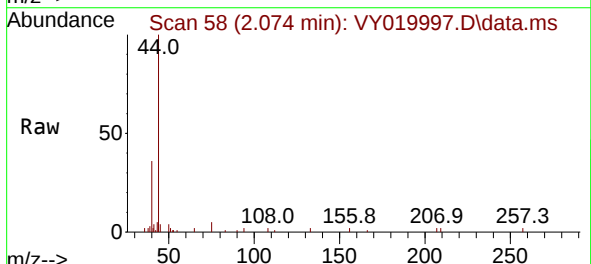
Instrument :
MSVOA_Y
ClientSampleId :

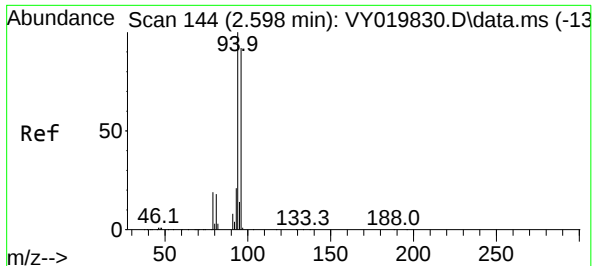
Tgt Ion:168 Resp: 7780
Ion Ratio Lower Upper
168 100
99 55.0 39.1 58.7



#3
Chloromethane
Concen: 2.323 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

Tgt Ion: 50 Resp: 219
Ion Ratio Lower Upper
50 100
52 31.6 25.6 38.4

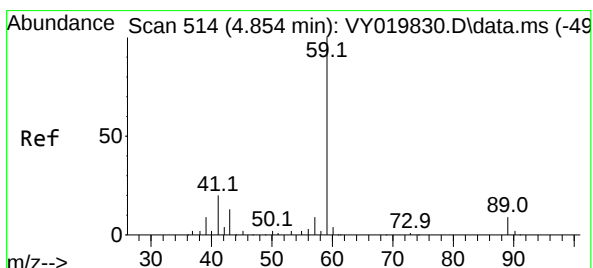
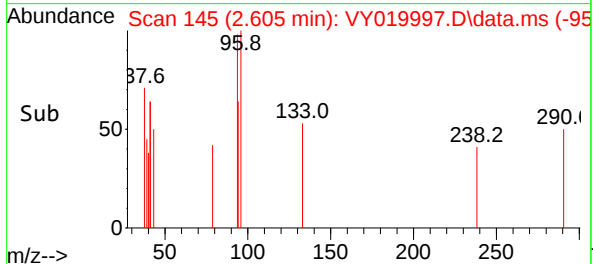
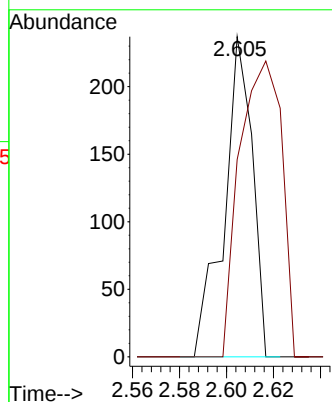
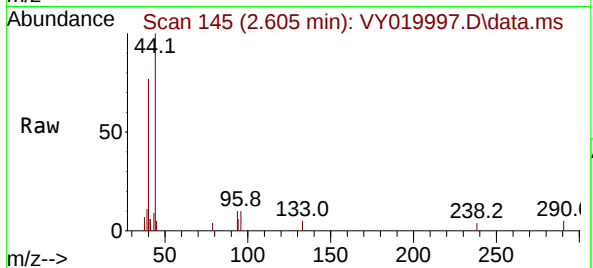




#5
Bromomethane
Concen: 3.016 ug/l
RT: 2.605 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

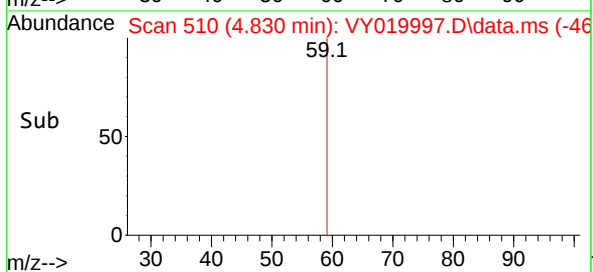
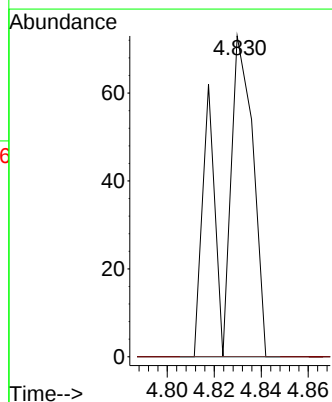
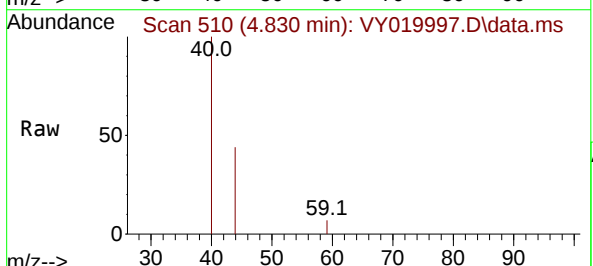
Instrument :
MSVOA_Y
ClientSampleId :

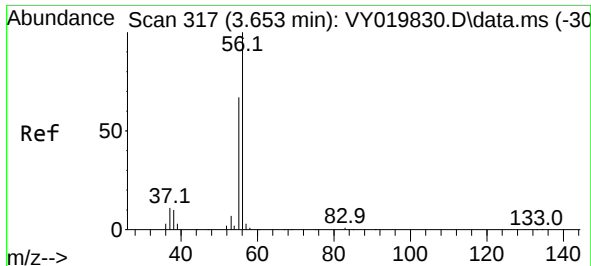
Tgt Ion: 94 Resp: 198
Ion Ratio Lower Upper
94 100
96 61.6 74.1 111.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.830 min Scan# 510
Delta R.T. -0.030 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

Tgt Ion: 59 Resp: 69
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#13

Acrolein

Concen: 3.694 ug/l

RT: 3.763 min Scan# 31

Delta R.T. 0.110 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

Instrument :

MSVOA_Y

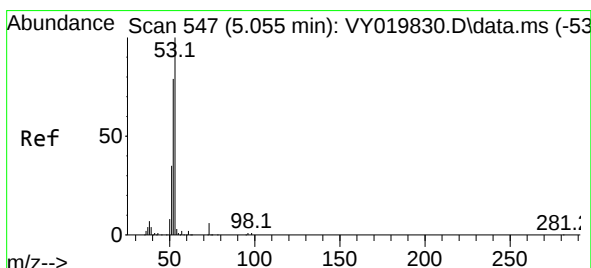
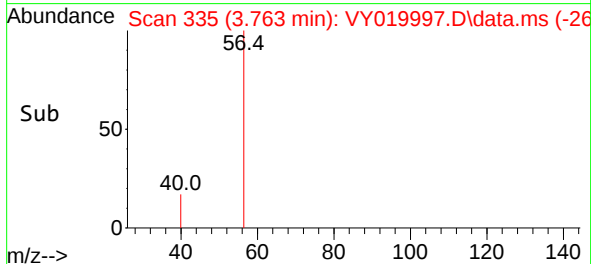
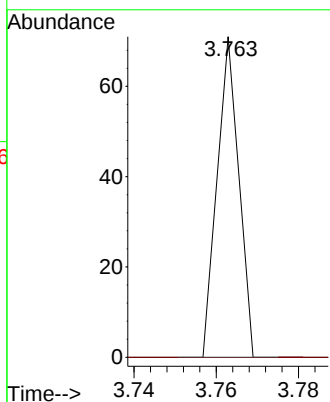
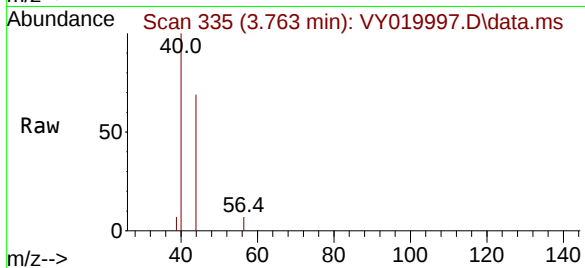
ClientSampleId :

Tgt Ion: 56 Resp: 26

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



#15

Acrylonitrile

Concen: 1.305 ug/l

RT: 5.189 min Scan# 569

Delta R.T. 0.135 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

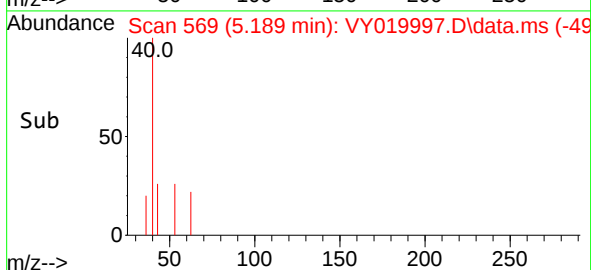
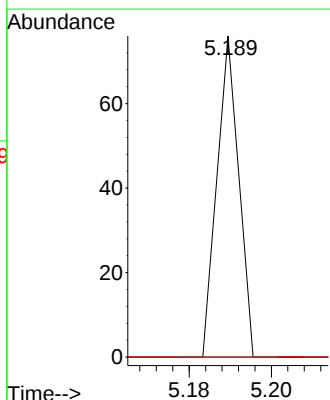
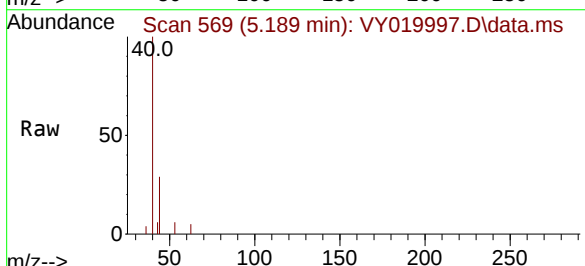
Tgt Ion: 53 Resp: 28

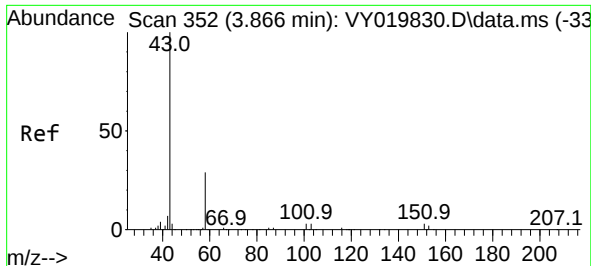
Ion Ratio Lower Upper

53 100

52 0.0 64.7 97.1#

51 0.0 28.4 42.6#

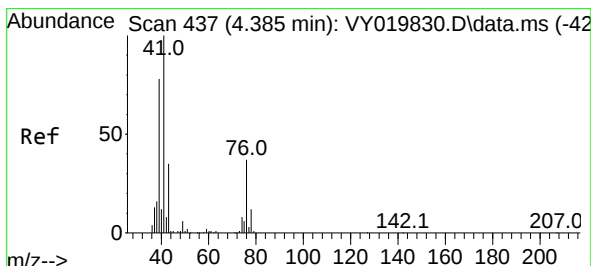
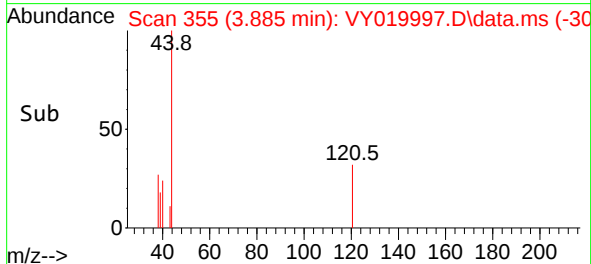
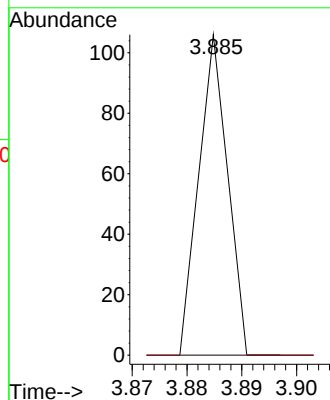
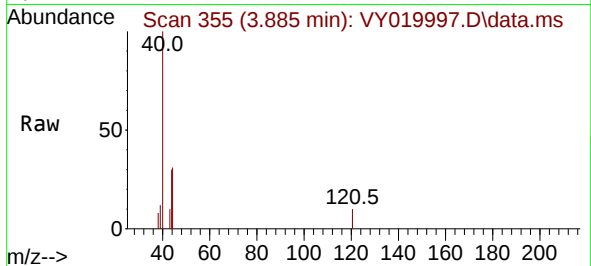




#16
Acetone
Concen: 1.564 ug/l
RT: 3.885 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

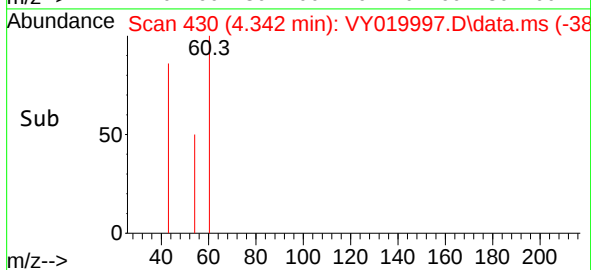
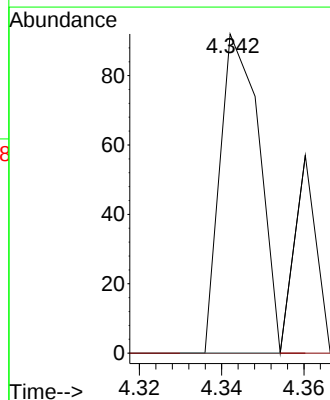
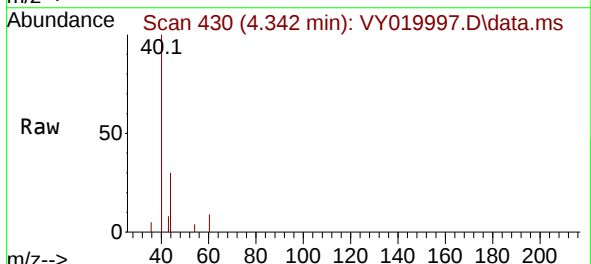
Instrument :
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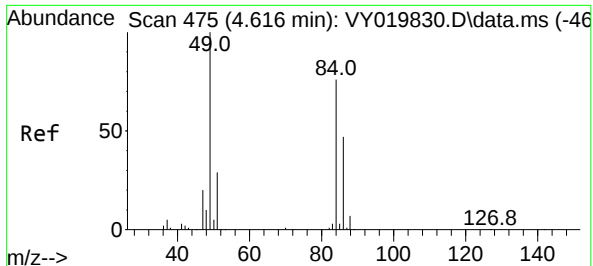
Tgt Ion: 43 Resp: 39
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#18
Methyl Acetate
Concen: 1.136 ug/l
RT: 4.342 min Scan# 430
Delta R.T. -0.042 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

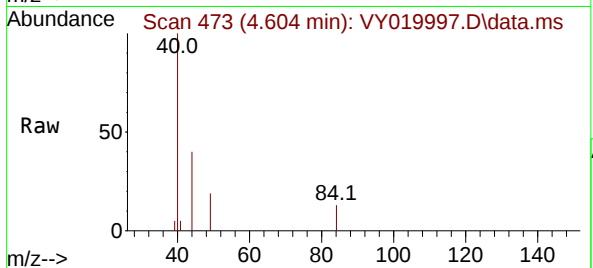
Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



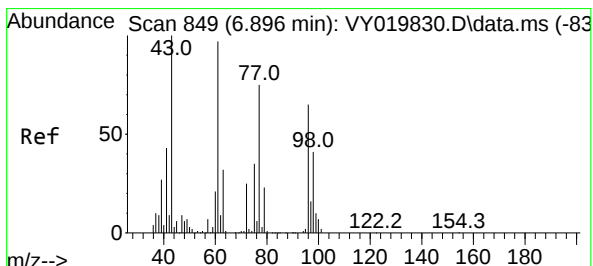
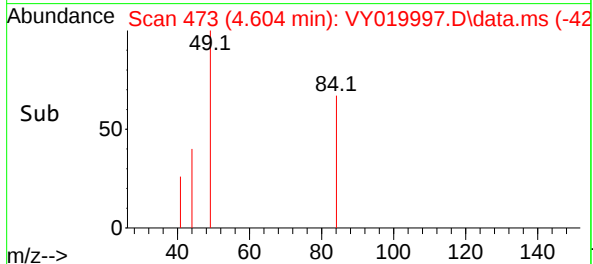
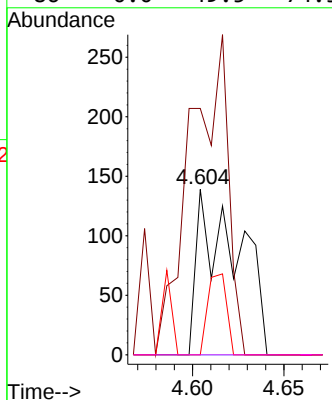


#20
Methylene Chloride
Concen: 1.552 ug/l
RT: 4.604 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

Instrument :
MSVOA_Y
ClientSampleId :

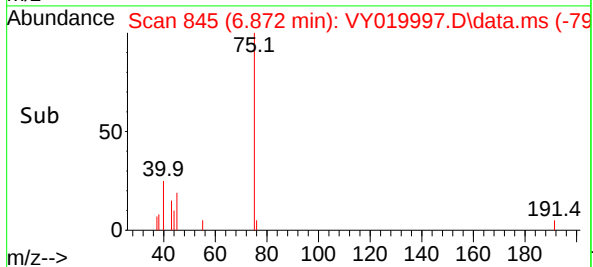
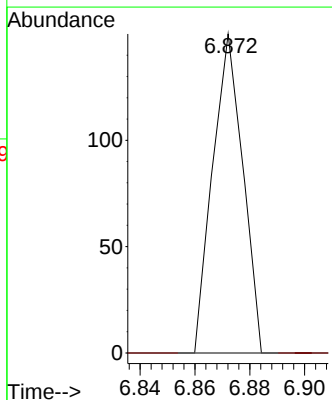
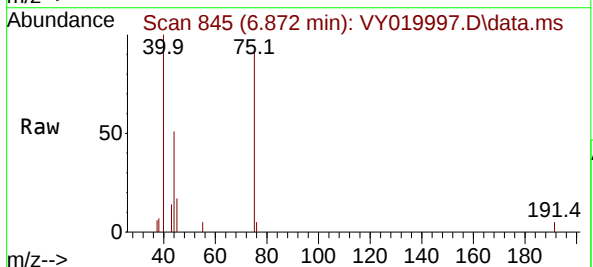


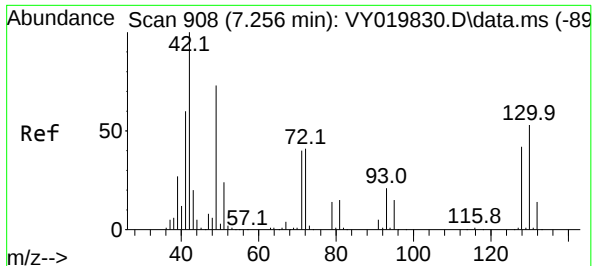
Tgt Ion:	84	Resp:	215
Ion	Ratio	Lower	Upper
84	100		
49	148.9	84.4	126.6#
51	0.0	26.0	39.0#
86	0.0	49.5	74.3#



#25
2-Butanone
Concen: 3.445 ug/l
RT: 6.872 min Scan# 845
Delta R.T. -0.018 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

Tgt Ion:	43	Resp:	115
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#





#29

Tetrahydrofuran

Concen: 1.259 ug/l

RT: 7.256 min Scan# 90

Delta R.T. -0.006 min

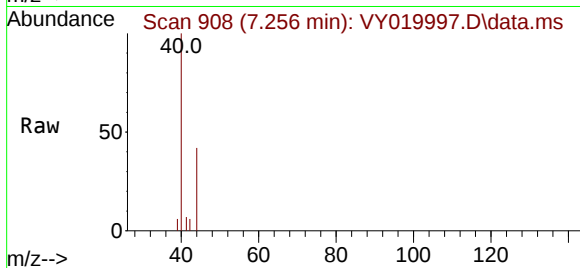
Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

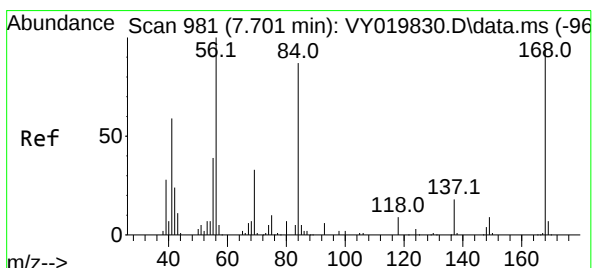
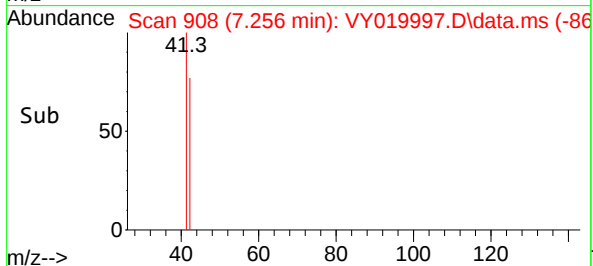
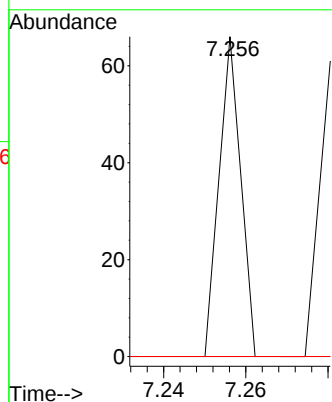
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	24
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#



#31

Cyclohexane

Concen: 3.555 ug/l

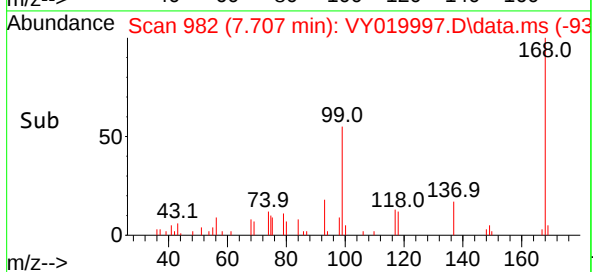
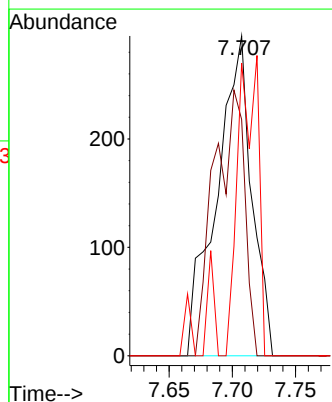
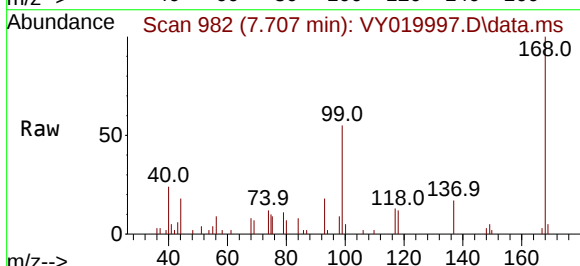
RT: 7.707 min Scan# 982

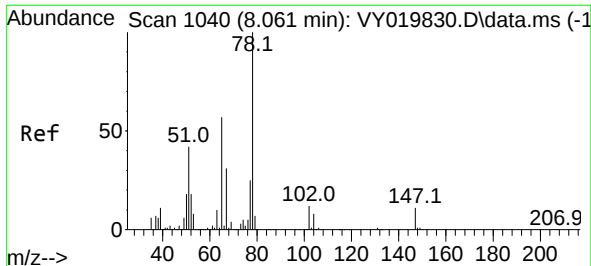
Delta R.T. 0.006 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

Tgt Ion:	56	Resp:	569
Ion	Ratio	Lower	Upper
56	100		
69	73.9	28.7	43.1#
84	91.5	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 56.851 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

Instrument :

MSVOA_Y

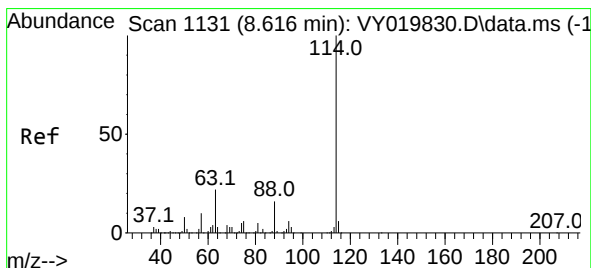
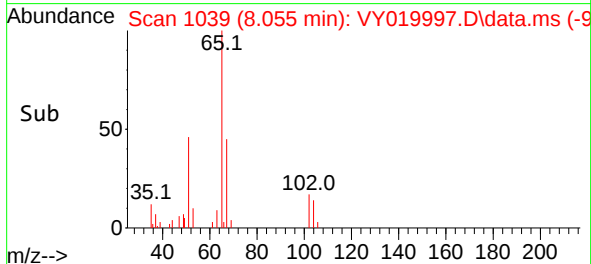
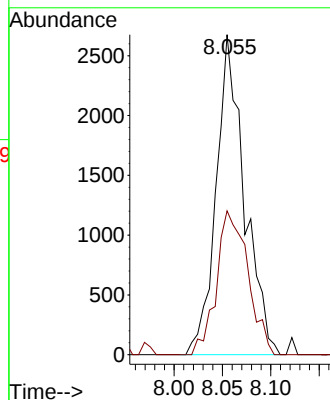
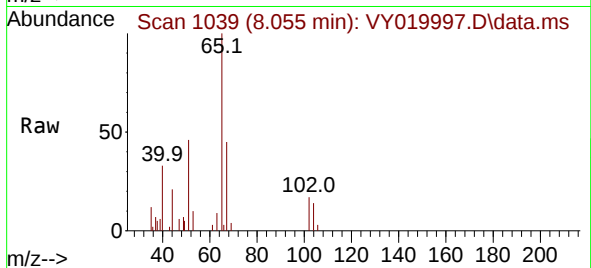
ClientSampleId :

Tgt Ion: 65 Resp: 5446

Ion Ratio Lower Upper

65 100

67 49.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

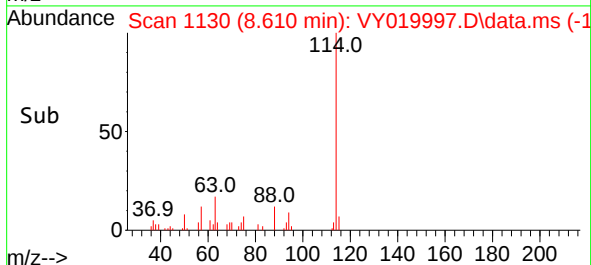
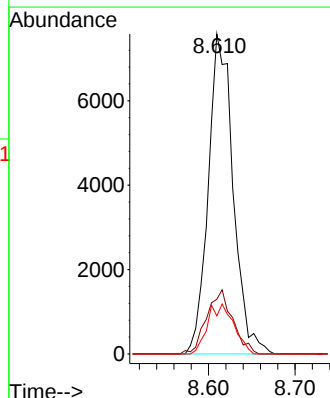
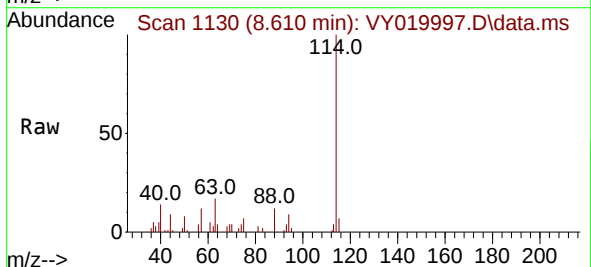
Tgt Ion: 114 Resp: 15146

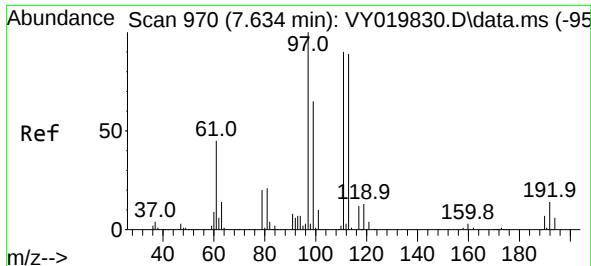
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 11.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 46.785 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

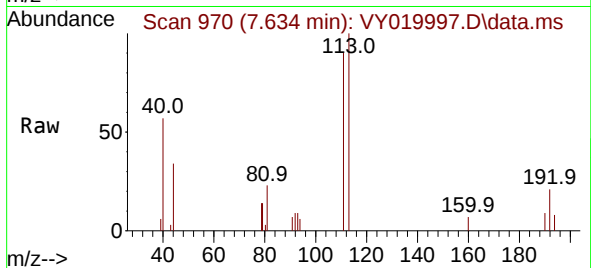
Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :



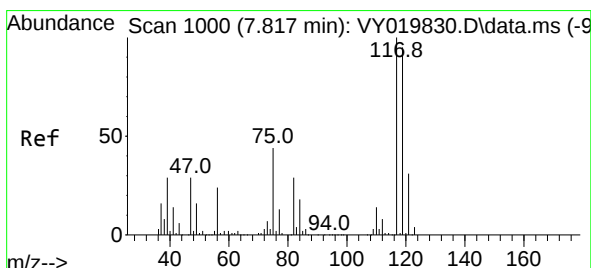
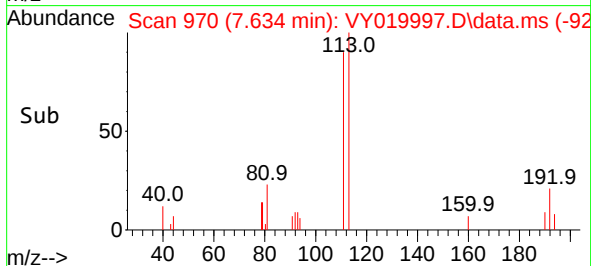
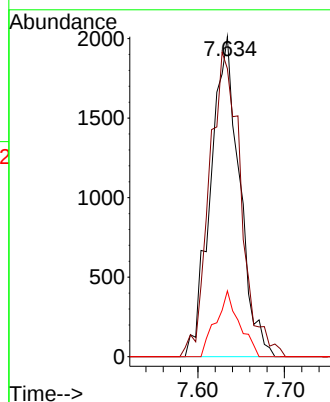
Tgt Ion:113 Resp: 4676

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 16.5 15.9 23.9



#38

Carbon Tetrachloride

Concen: 6.355 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.122 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

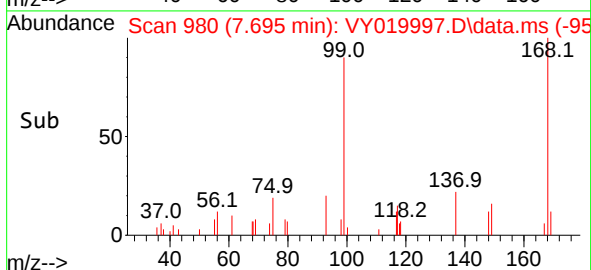
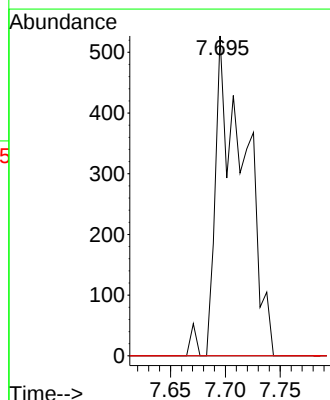
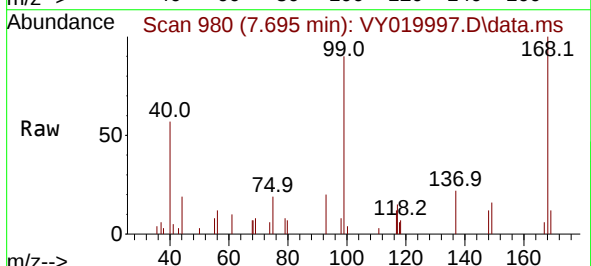
Tgt Ion:117 Resp: 981

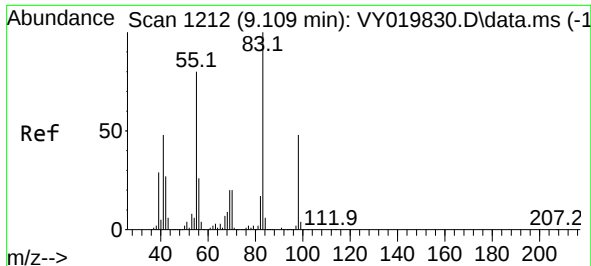
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.0 36.0#





#39

Methylcyclohexane

Concen: 26.258 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

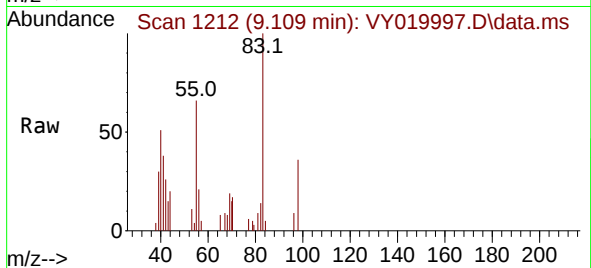
Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

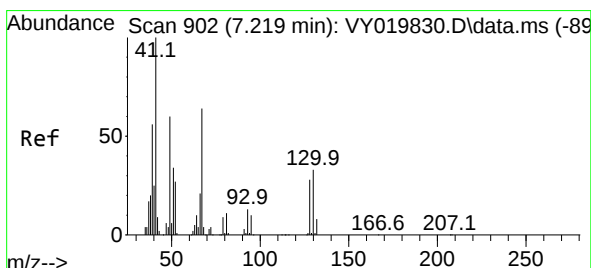
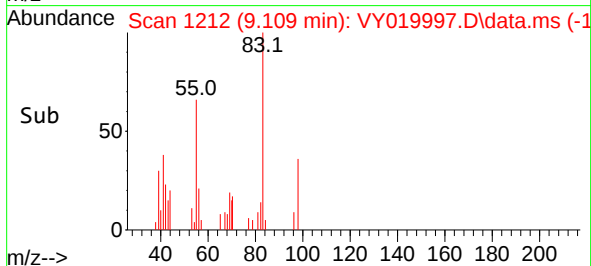
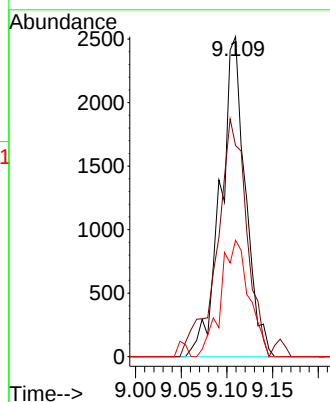
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	83	Resp:	4764
Ion	Ratio	Lower	Upper
83	100		
55	66.0	51.5	77.3
98	36.4	40.5	60.7#



#41

Methacrylonitrile

Concen: 1.206 ug/l

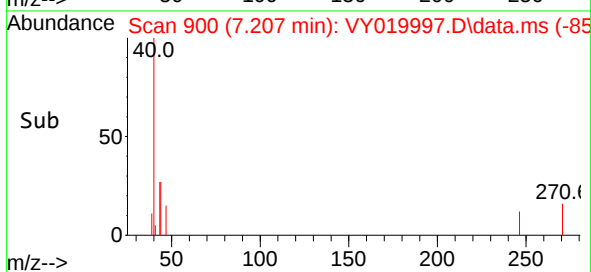
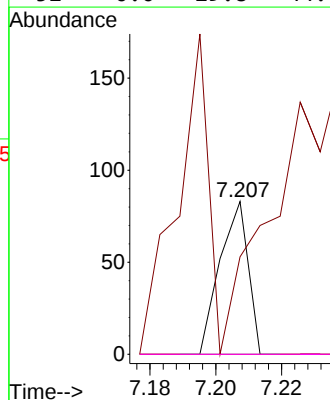
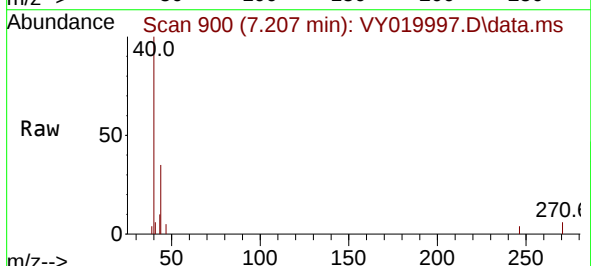
RT: 7.207 min Scan# 900

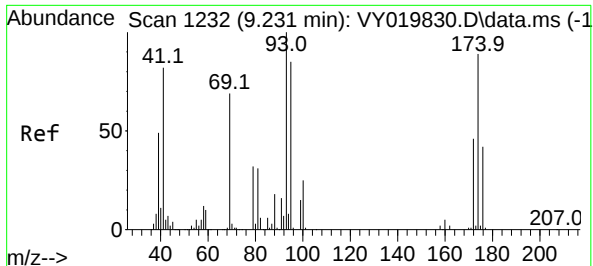
Delta R.T. -0.012 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

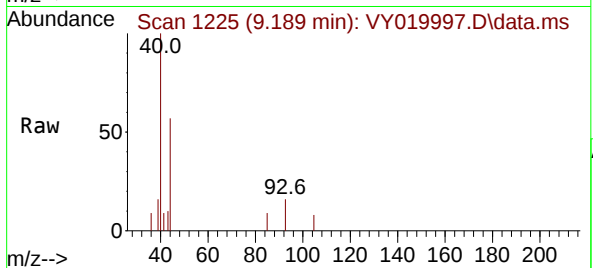
Tgt Ion:	41	Resp:	49
Ion	Ratio	Lower	Upper
41	100		
39	273.5	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



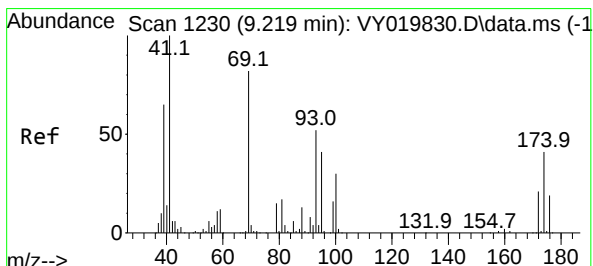
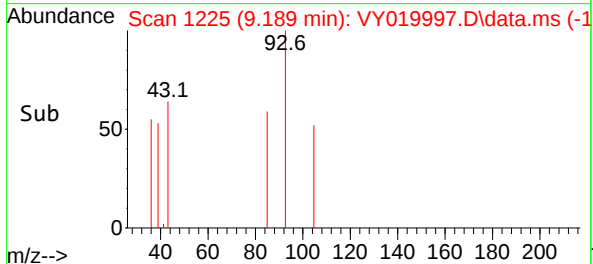
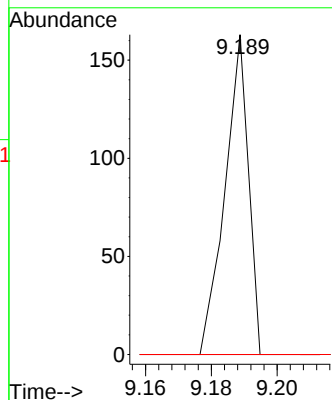


#46
Dibromomethane
Concen: 1.359 ug/l
RT: 9.189 min Scan# 1225
Delta R.T. -0.042 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

Instrument :
MSVOA_Y
ClientSampleId :

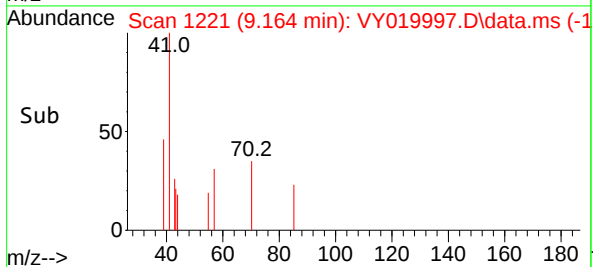
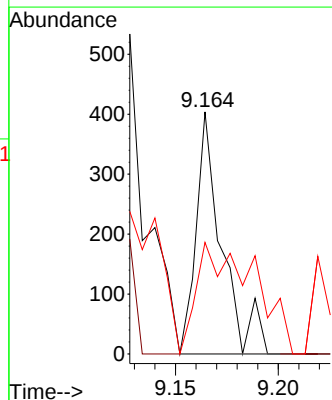
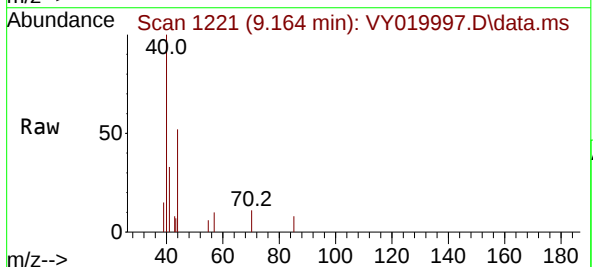


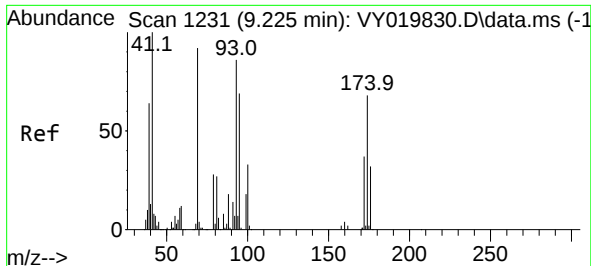
Tgt Ion: 93 Resp: 81
Ion Ratio Lower Upper
93 100
95 0.0 66.2 99.4#
174 0.0 80.9 121.3#



#48
Methyl methacrylate
Concen: 5.181 ug/l
RT: 9.164 min Scan# 1221
Delta R.T. -0.054 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

Tgt Ion: 41 Resp: 349
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 103.7 43.6 65.4#





#49

1,4-Dioxane

Concen: 68.968 ug/l

RT: 9.469 min Scan# 1271

Delta R.T. 0.238 min

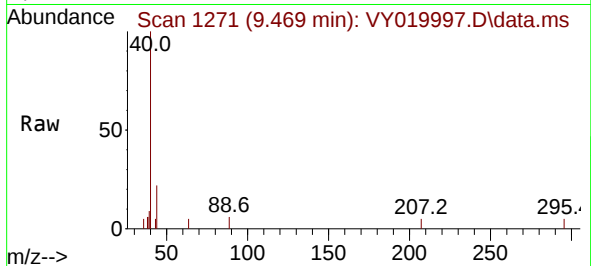
Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :



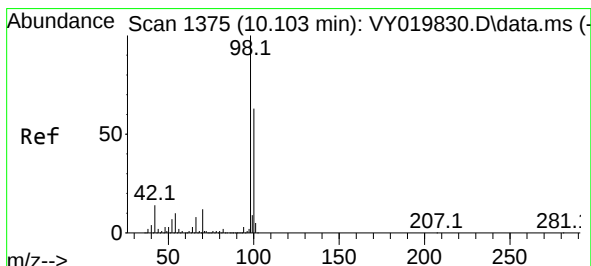
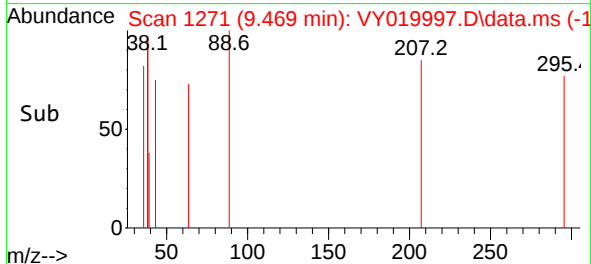
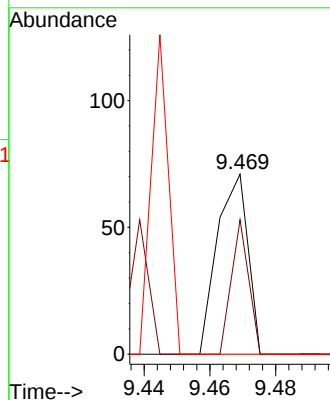
Tgt Ion: 88 Resp: 46

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 46.896 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019997.D

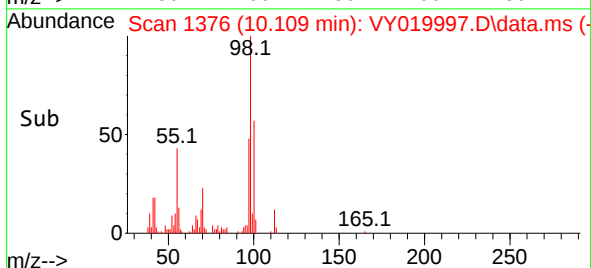
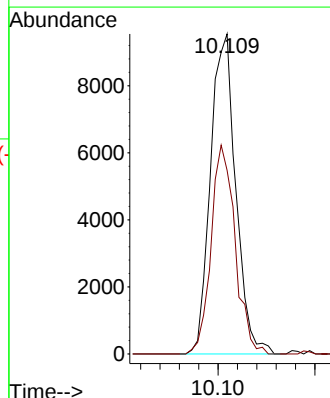
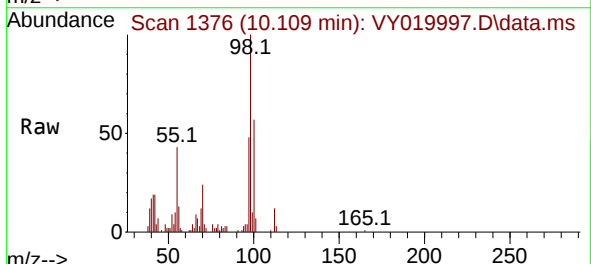
Acq: 23 Oct 2024 16:19

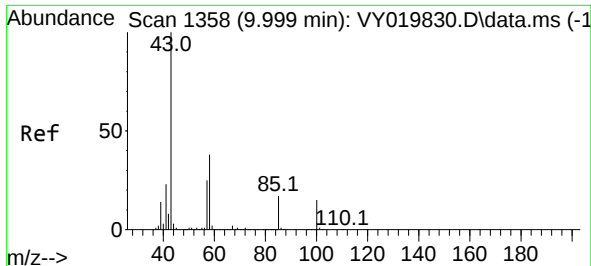
Tgt Ion: 98 Resp: 17309

Ion Ratio Lower Upper

98 100

100 62.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 19.436 ug/l

RT: 10.091 min Scan# 11

Delta R.T. 0.092 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

Instrument :

MSVOA_Y

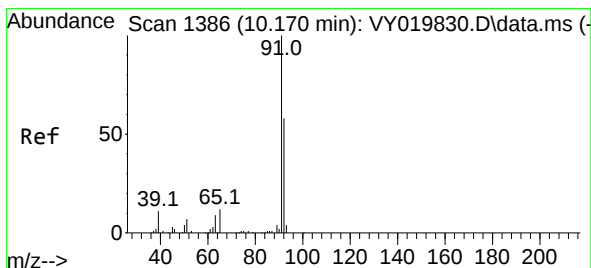
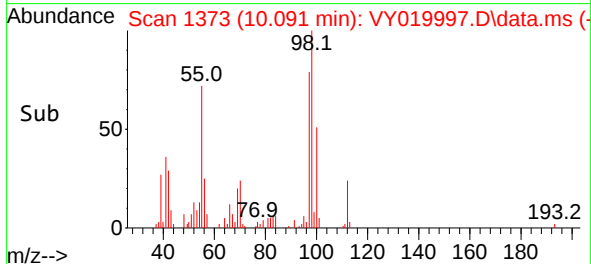
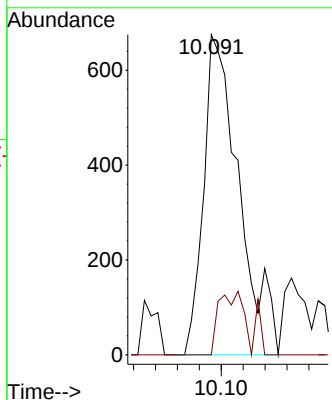
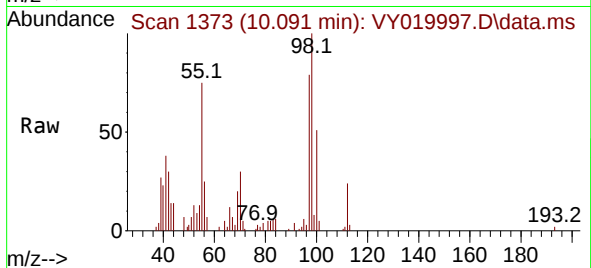
ClientSampleId :

Tgt Ion: 43 Resp: 1518

Ion Ratio Lower Upper

43 100

58 0.0 35.7 53.5#



#52

Toluene

Concen: 20.466 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019997.D

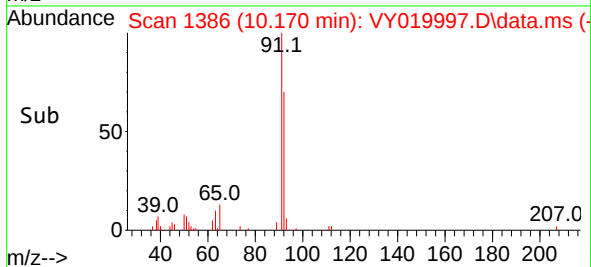
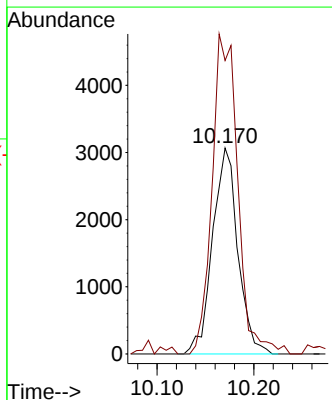
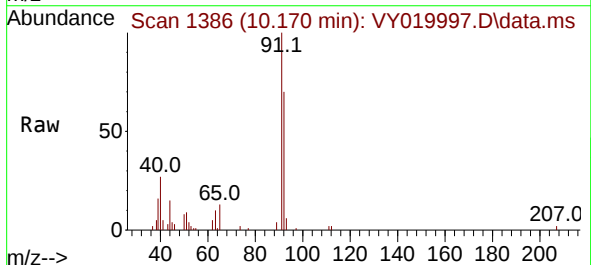
Acq: 23 Oct 2024 16:19

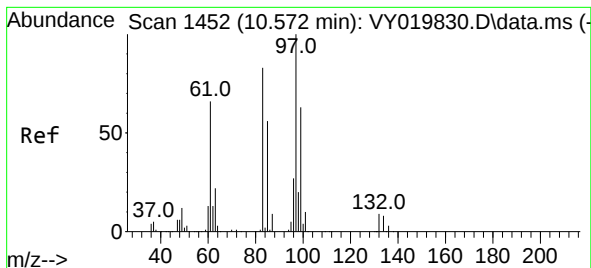
Tgt Ion: 92 Resp: 5567

Ion Ratio Lower Upper

92 100

91 157.7 139.0 208.6





#55

1,1,2-Trichloroethane

Concen: 116.909 ug/l

RT: 10.548 min Scan# 1448

Delta R.T. -0.024 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 9179

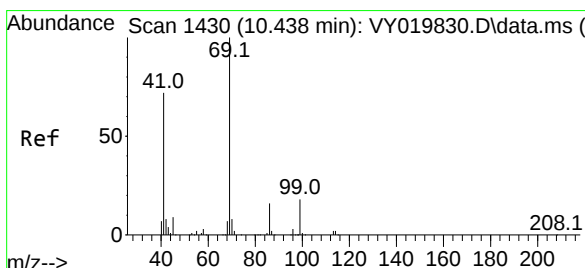
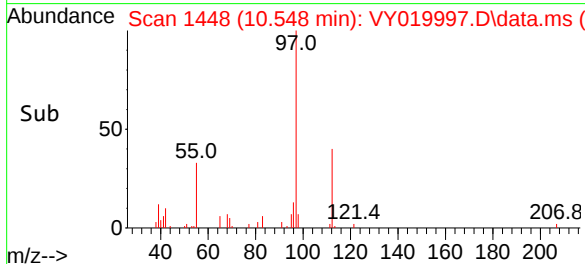
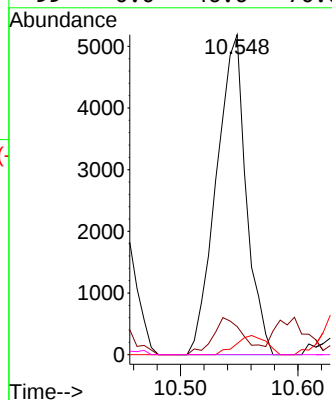
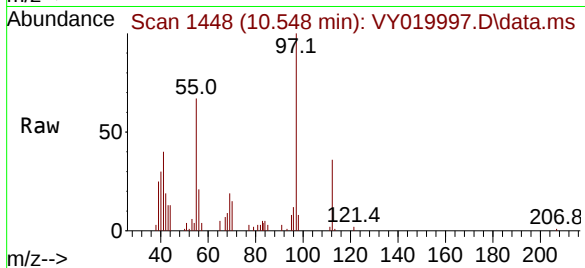
Ion Ratio Lower Upper

97 100

83 8.8 67.5 101.3#

85 3.5 42.9 64.3#

99 0.0 46.6 70.0#



#56

Ethyl methacrylate

Concen: 15.551 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. 0.013 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

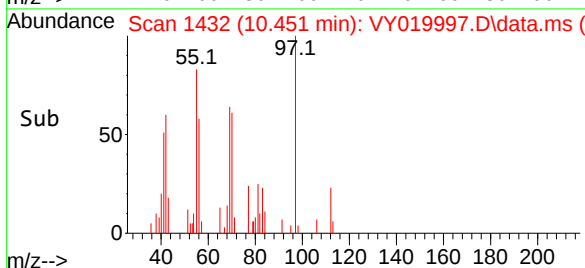
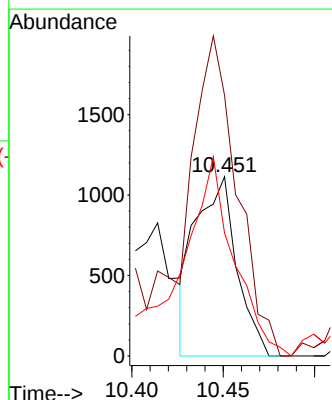
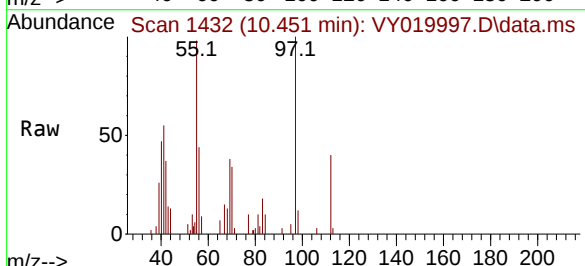
Tgt Ion: 69 Resp: 1752

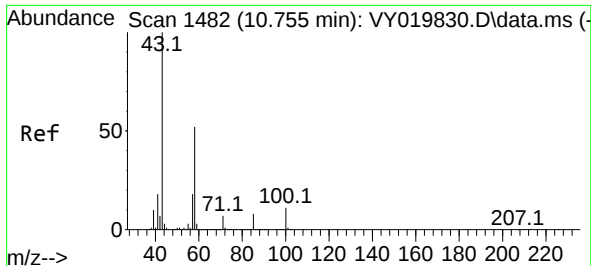
Ion Ratio Lower Upper

69 100

41 215.5 42.3 63.5#

39 140.8 22.9 34.3#

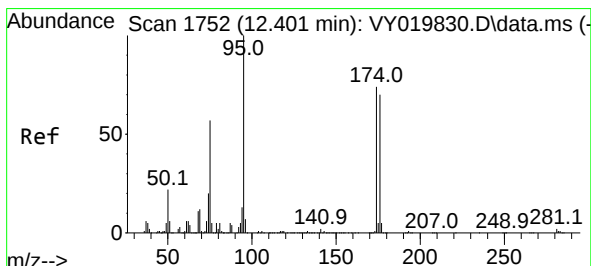
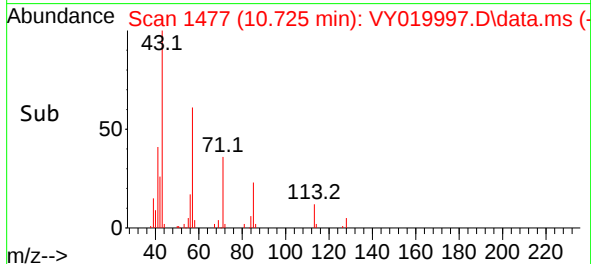
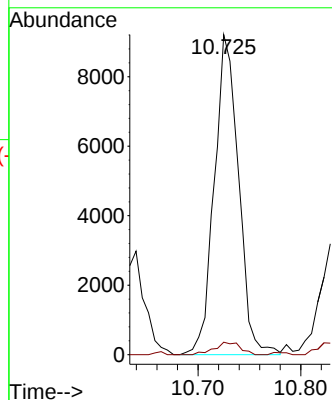
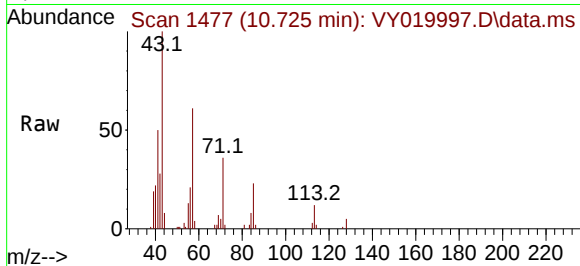




#59
2-Hexanone
Concen: 270.492 ug/l
RT: 10.725 min Scan# 1482
Delta R.T. -0.036 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

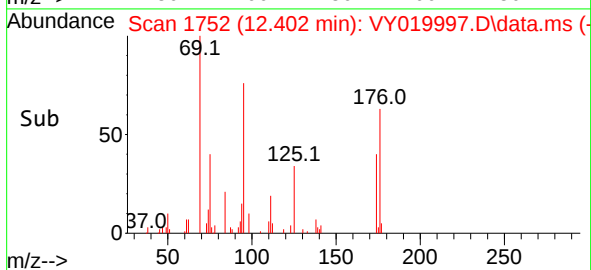
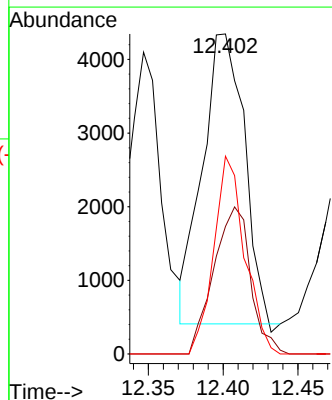
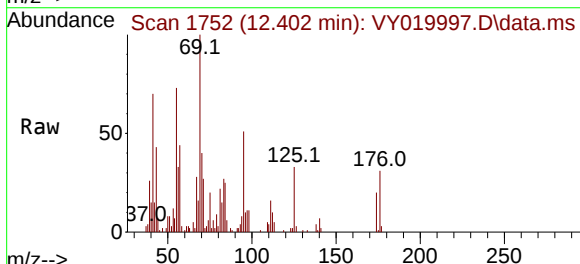
Instrument :
MSVOA_Y
ClientSampleId :

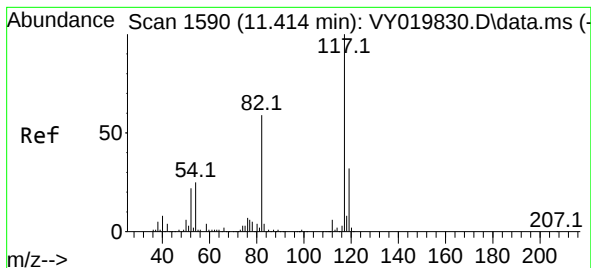
Tgt Ion: 43 Resp: 15089
Ion Ratio Lower Upper
43 100
58 4.1 31.4 94.0#



#62
4-Bromofluorobenzene
Concen: 57.355 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

Tgt Ion: 95 Resp: 7649
Ion Ratio Lower Upper
95 100
174 44.8 0.0 175.6
176 50.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019997.D

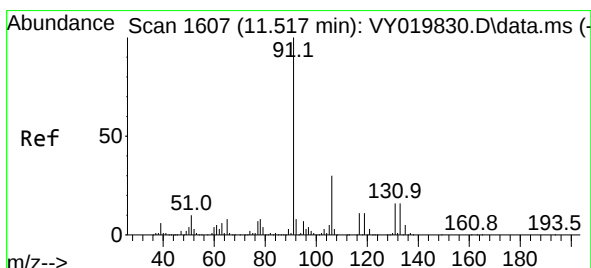
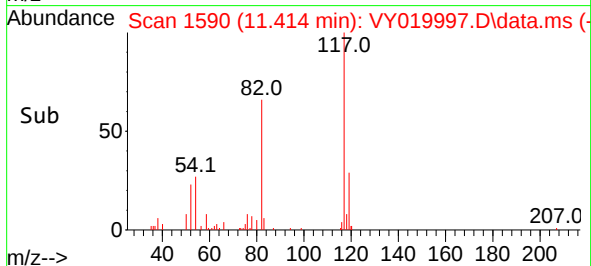
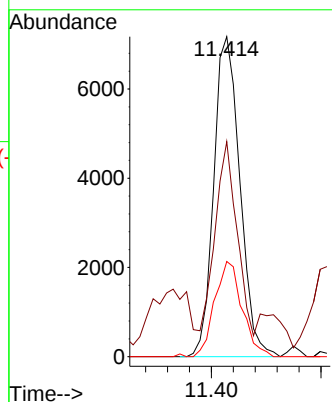
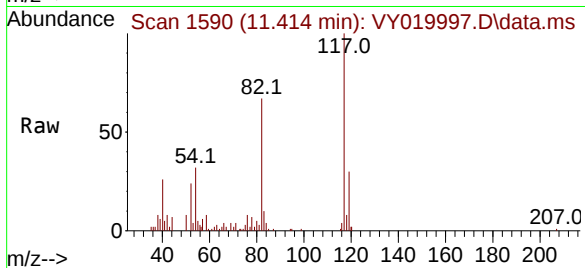
Acq: 23 Oct 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	11864
Ion	Ratio	Lower Upper
117	100	
82	56.3	42.4 63.6
119	29.8	25.9 38.9



#67

Ethyl Benzene

Concen: 82.565 ug/l

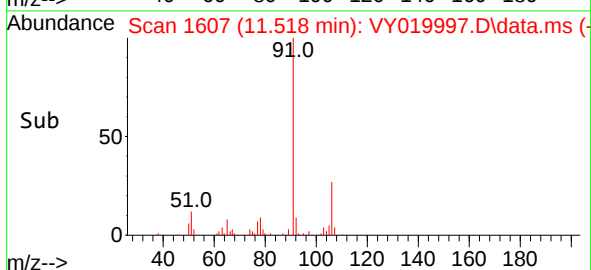
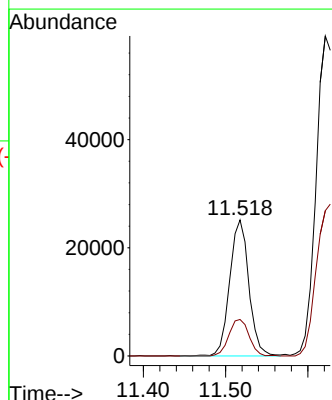
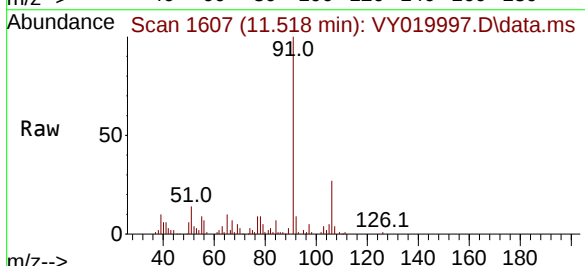
RT: 11.518 min Scan# 1607

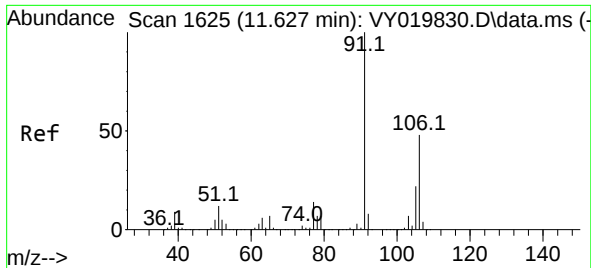
Delta R.T. -0.006 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

Tgt Ion: 91	Resp:	40699
Ion	Ratio	Lower Upper
91	100	
106	26.9	24.5 36.7

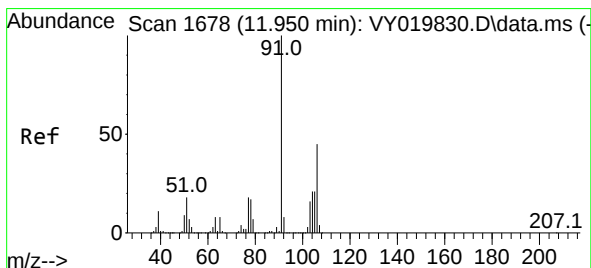
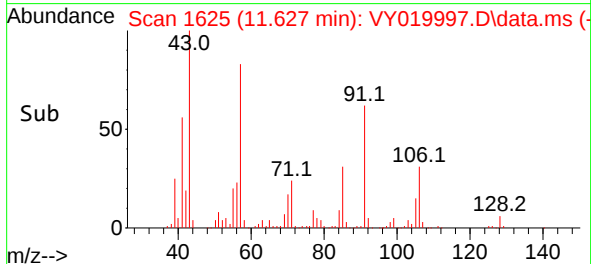
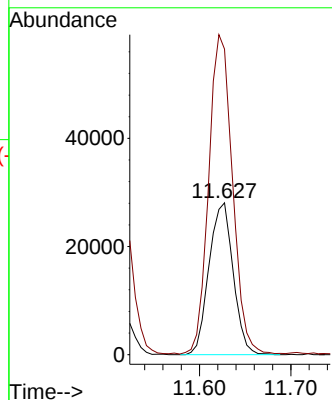
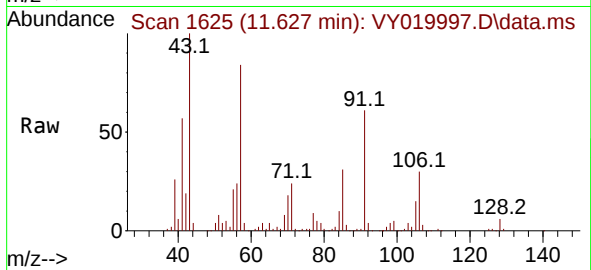




#68
m/p-Xylenes
Concen: 283.212 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

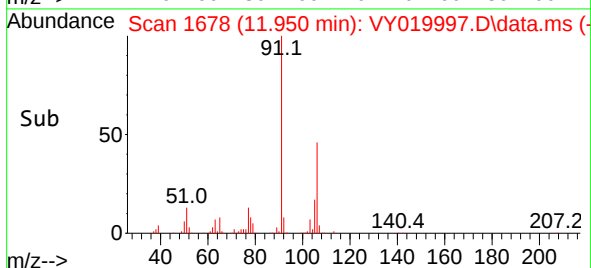
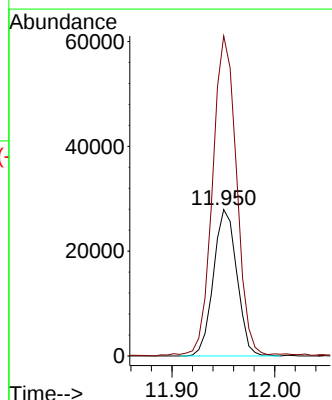
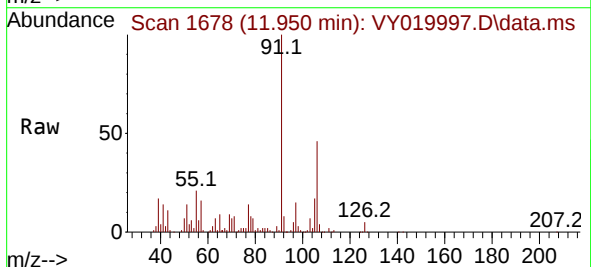
Instrument :
MSVOA_Y
ClientSampleId :

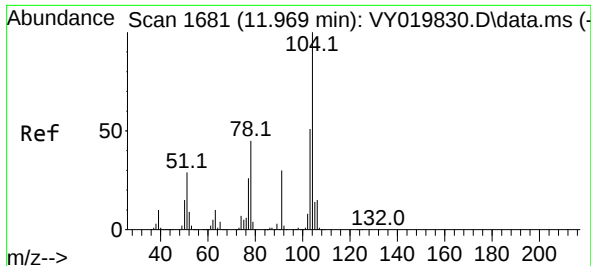
Tgt Ion:106 Resp: 51559
Ion Ratio Lower Upper
106 100
91 206.6 156.0 234.0



#69
o-Xylene
Concen: 252.305 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

Tgt Ion:106 Resp: 44132
Ion Ratio Lower Upper
106 100
91 225.5 103.6 310.8

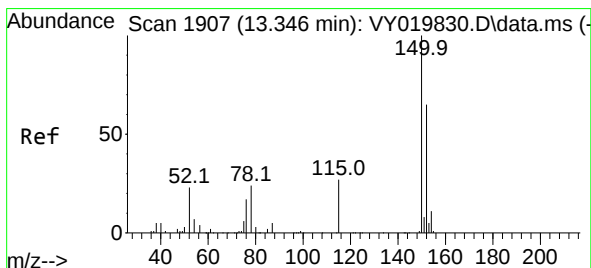
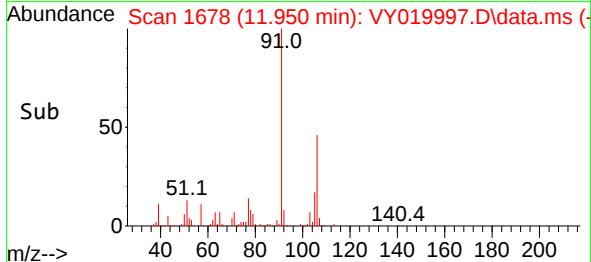
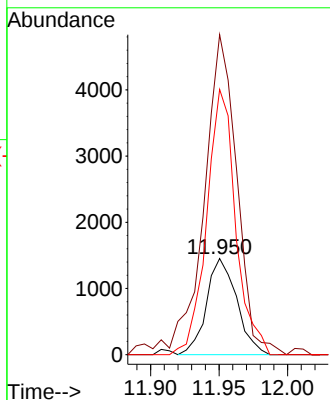
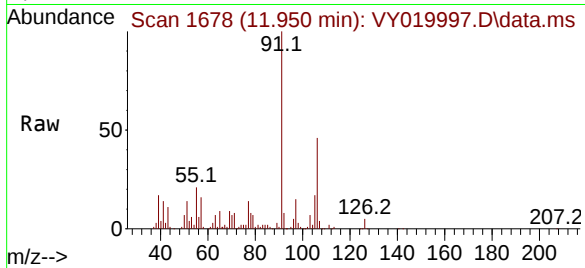




#70
Styrene
Concen: 7.597 ug/l
RT: 11.950 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

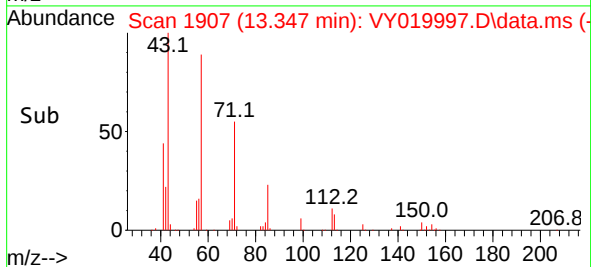
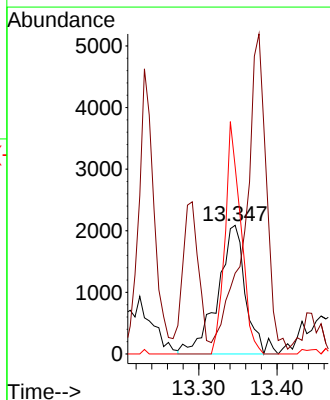
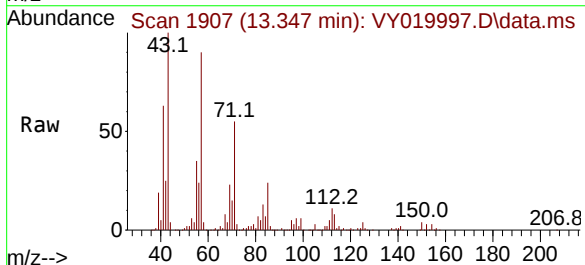
Instrument :
MSVOA_Y
ClientSampleId :

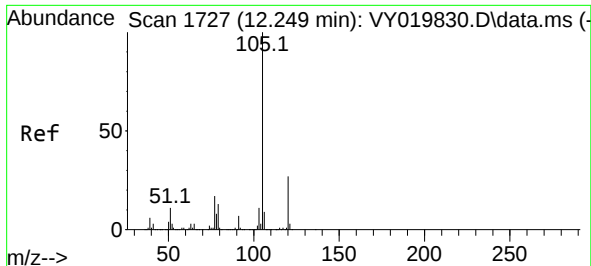
Tgt Ion:104 Resp: 2242
Ion Ratio Lower Upper
104 100
78 359.4 37.0 55.4#
103 263.5 44.2 66.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

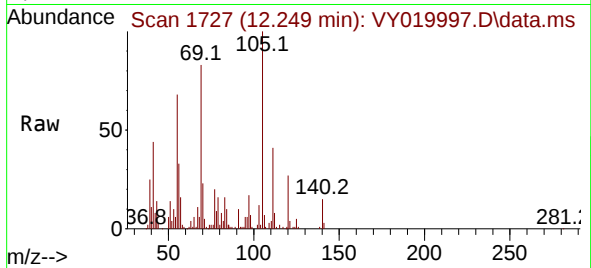
Tgt Ion:152 Resp: 5196
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 102.7 0.0 345.6



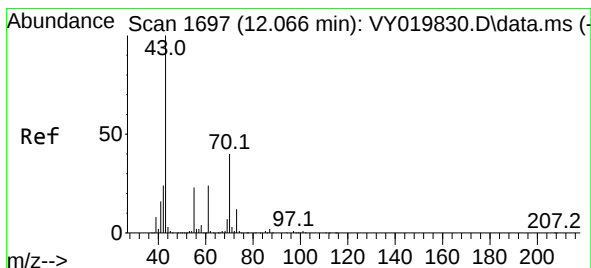
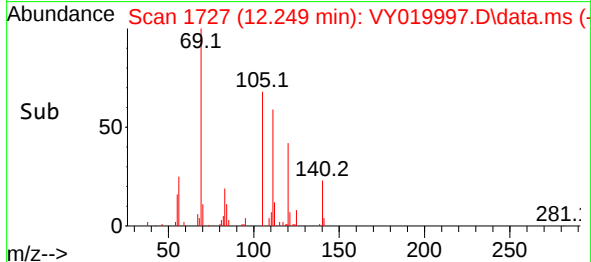
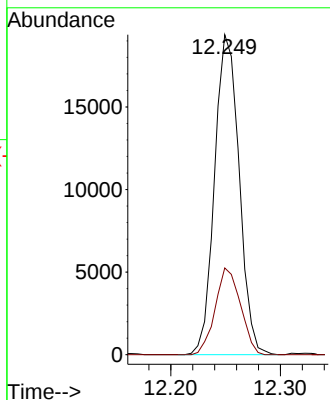


#73
Isopropylbenzene
Concen: 68.960 ug/l
RT: 12.249 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

Instrument :
MSVOA_Y
ClientSampleId :

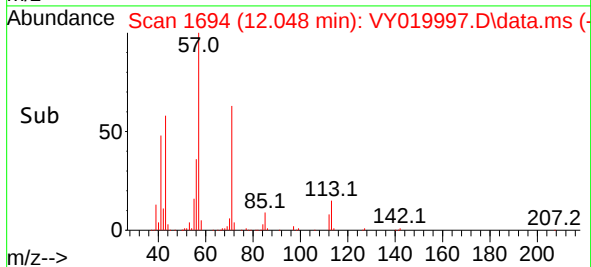
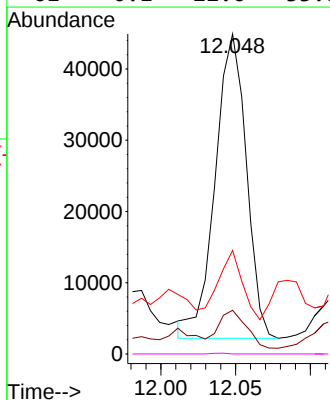
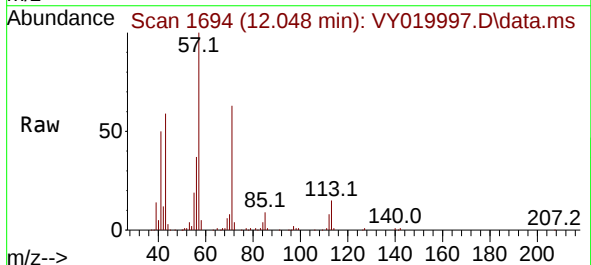


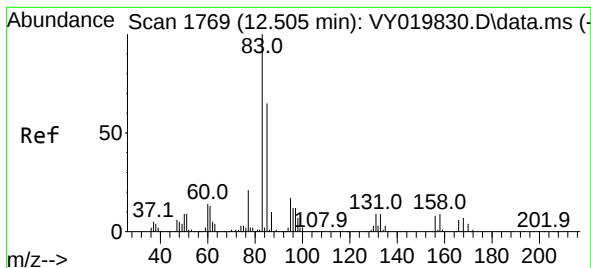
Tgt Ion:105 Resp: 30139
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.1



#74
N-ethyl acetate
Concen: 534.579 ug/l
RT: 12.048 min Scan# 1694
Delta R.T. -0.024 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

Tgt Ion: 43 Resp: 61881
Ion Ratio Lower Upper
43 100
70 11.0 41.4 62.2#
55 17.7 23.3 34.9#
61 0.1 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 180.417 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.055 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

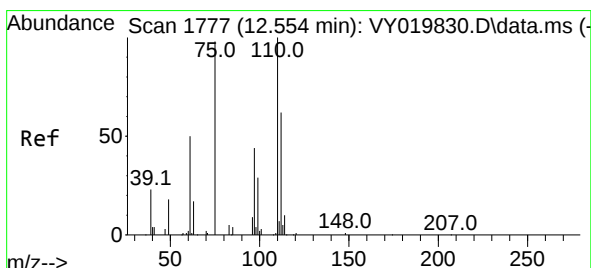
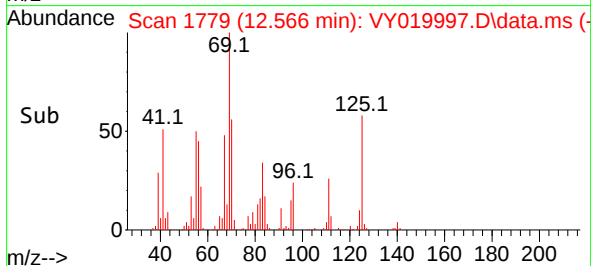
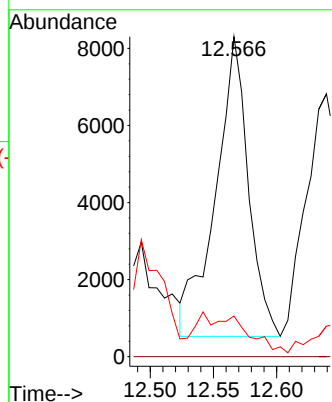
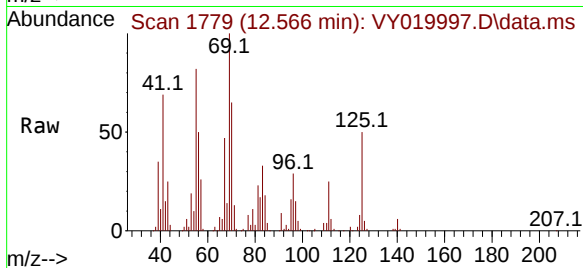
Tgt Ion: 83 Resp: 14011

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 0.0 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 8.341 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.043 min

Lab File: VY019997.D

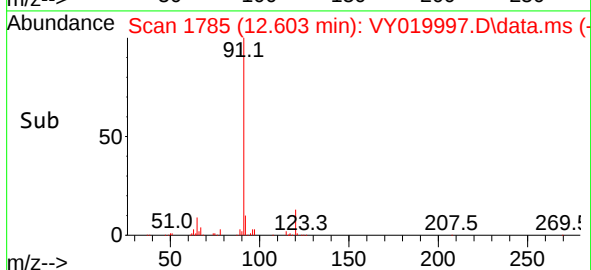
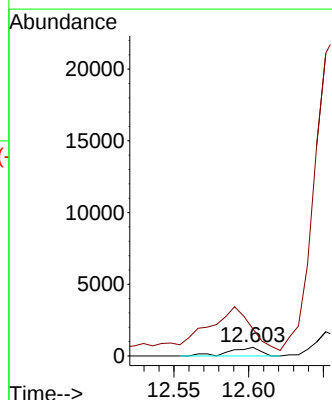
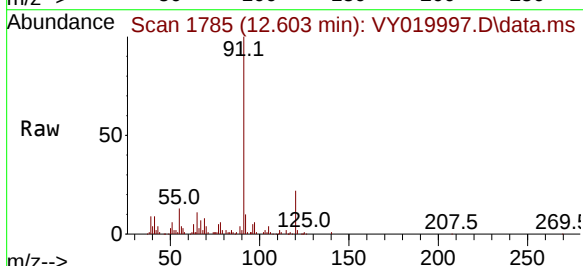
Acq: 23 Oct 2024 16:19

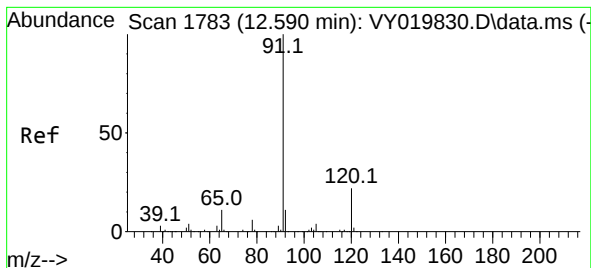
Tgt Ion: 75 Resp: 849

Ion Ratio Lower Upper

75 100

77 804.9 0.0 0.0#





#78

n-propylbenzene

Concen: 178.520 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

Instrument :

MSVOA_Y

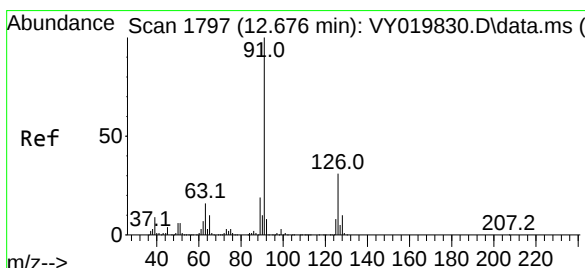
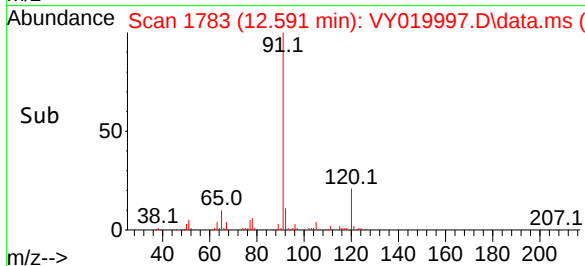
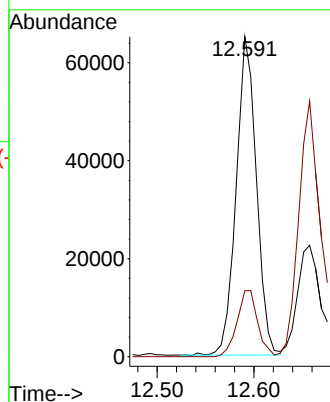
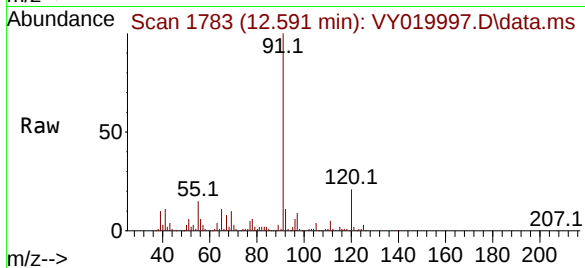
ClientSampleId :

Tgt Ion: 91 Resp: 94276

Ion Ratio Lower Upper

91 100

120 21.3 11.5 34.4



#79

2-Chlorotoluene

Concen: 43.223 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. 0.006 min

Lab File: VY019997.D

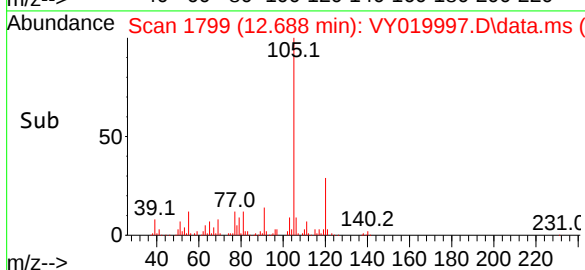
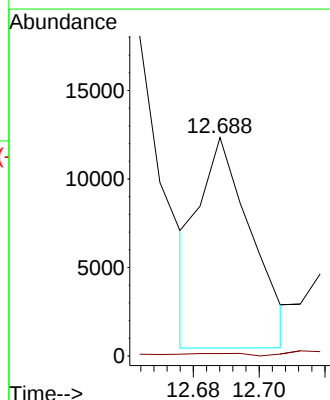
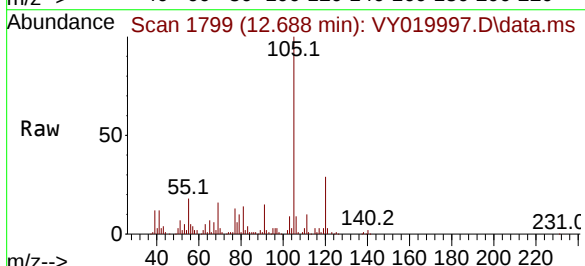
Acq: 23 Oct 2024 16:19

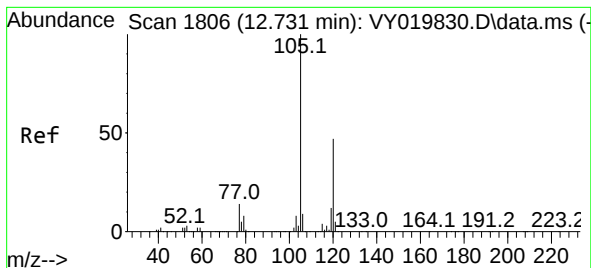
Tgt Ion: 91 Resp: 13086

Ion Ratio Lower Upper

91 100

126 1.4 17.8 53.5#





#80

1,3,5-Trimethylbenzene

Concen: 368.091 ug/l

RT: 12.731 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

Instrument :

MSVOA_Y

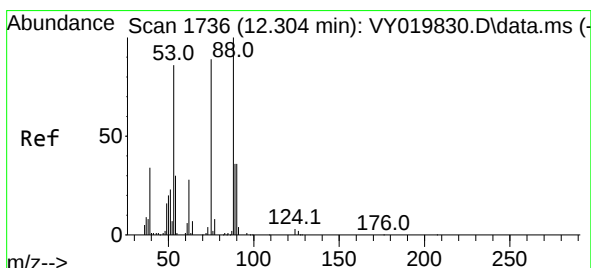
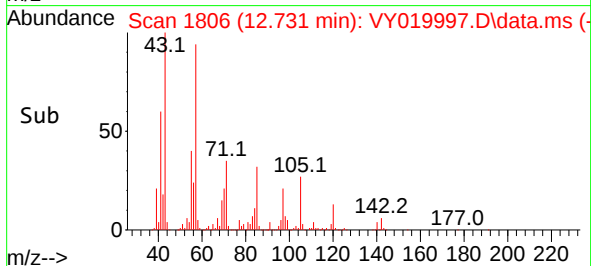
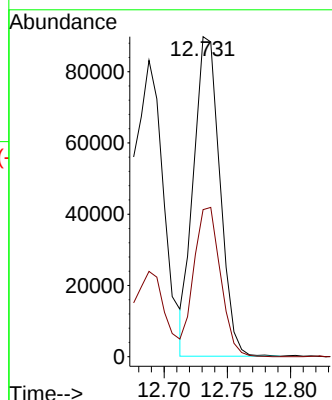
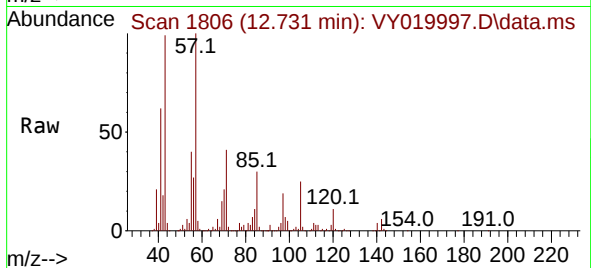
ClientSampleId :

Tgt Ion:105 Resp: 129921

Ion Ratio Lower Upper

105 100

120 47.4 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 24.982 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. -0.054 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

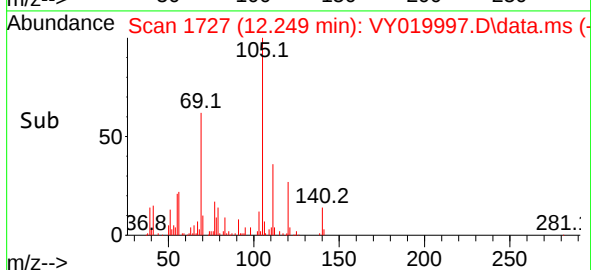
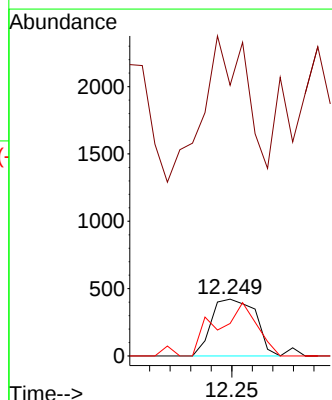
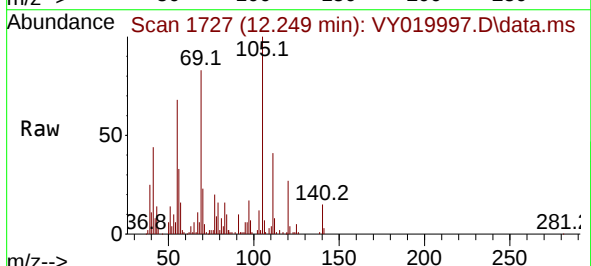
Tgt Ion: 75 Resp: 630

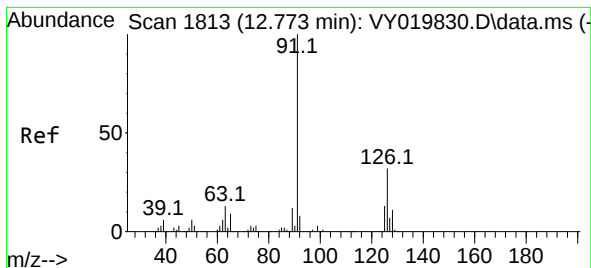
Ion Ratio Lower Upper

75 100

53 295.9 66.8 100.2#

89 90.0 35.8 53.6#

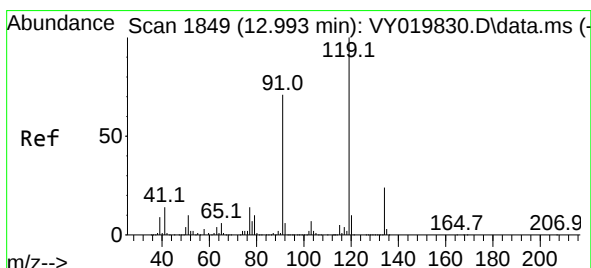
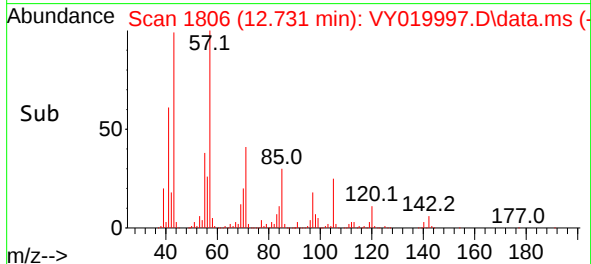
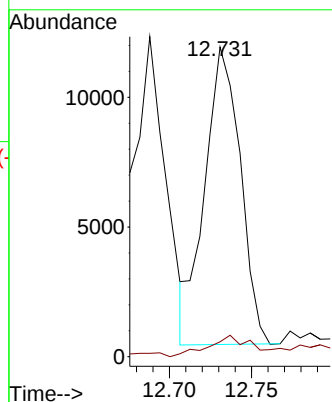
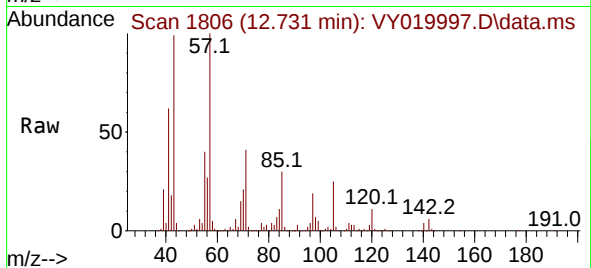




#82
4-Chlorotoluene
Concen: 55.616 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.048 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

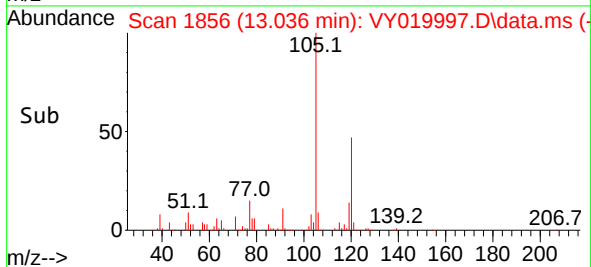
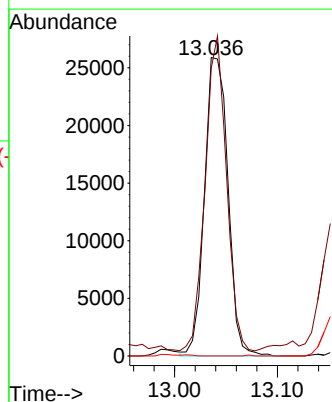
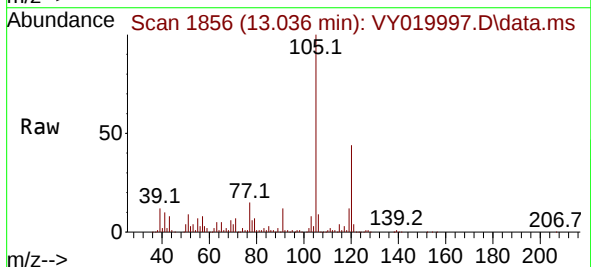
Instrument :
MSVOA_Y
ClientSampleId :

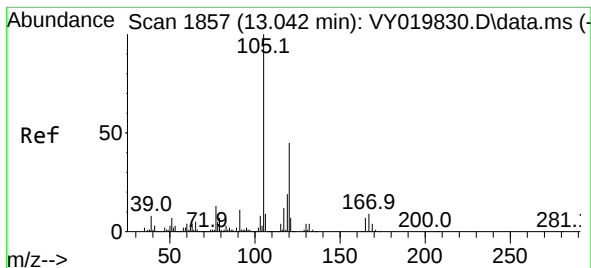
Tgt Ion: 91 Resp: 17217
Ion Ratio Lower Upper
91 100
126 8.6 17.6 52.9#



#83
tert-Butylbenzene
Concen: 130.087 ug/l
RT: 13.036 min Scan# 1856
Delta R.T. 0.037 min
Lab File: VY019997.D
Acq: 23 Oct 2024 16:19

Tgt Ion: 119 Resp: 41133
Ion Ratio Lower Upper
119 100
91 95.5 31.3 93.8#
134 0.0 13.4 40.1#





#84

1,2,4-Trimethylbenzene

Concen: 988.824 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

Instrument :

MSVOA_Y

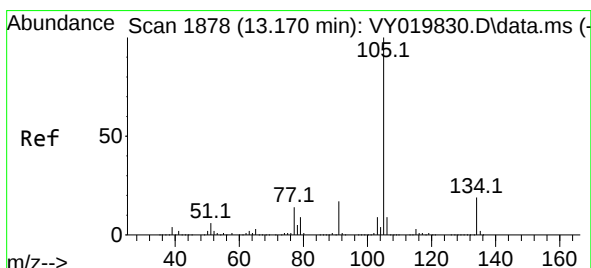
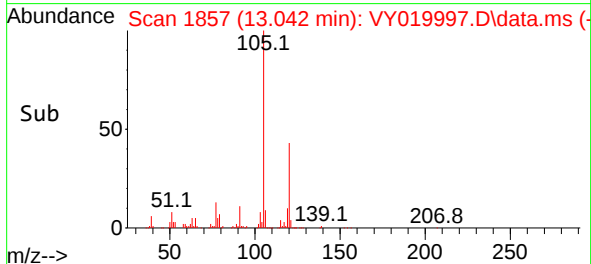
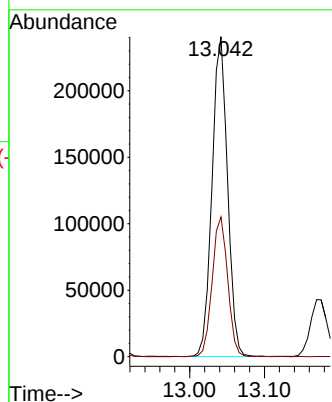
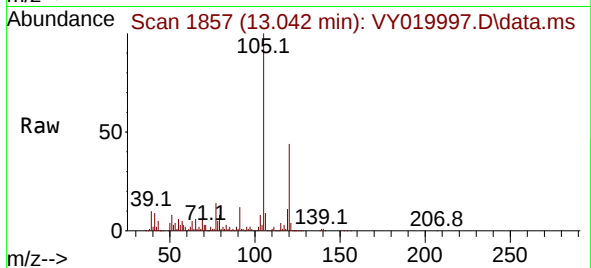
ClientSampleId :

Tgt Ion:105 Resp: 346029

Ion Ratio Lower Upper

105 100

120 43.7 23.2 69.6



#85

sec-Butylbenzene

Concen: 141.388 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY019997.D

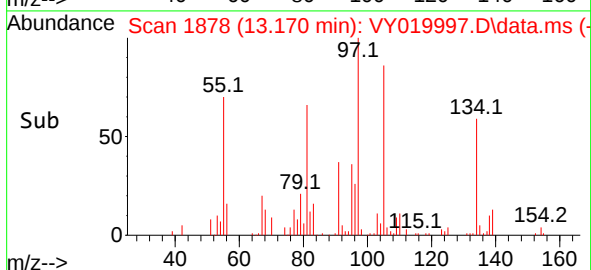
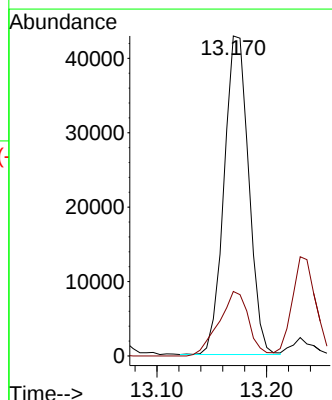
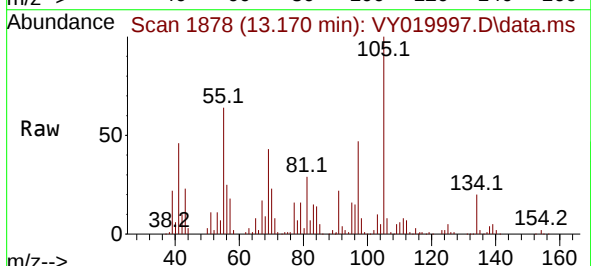
Acq: 23 Oct 2024 16:19

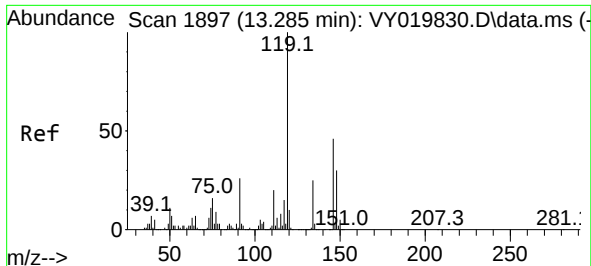
Tgt Ion:105 Resp: 66795

Ion Ratio Lower Upper

105 100

134 24.6 10.1 30.1

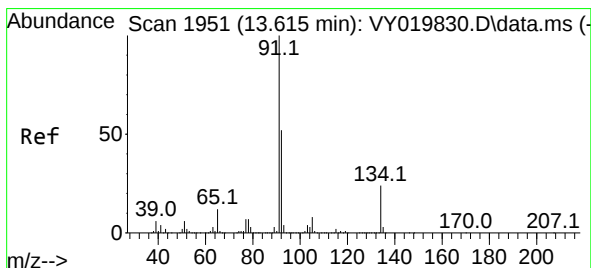
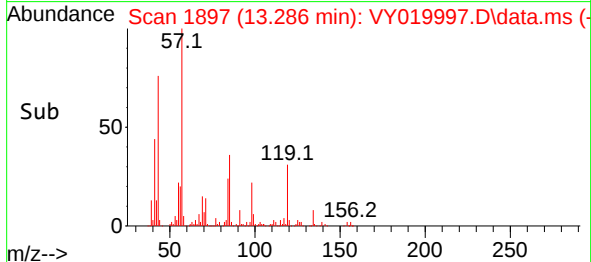
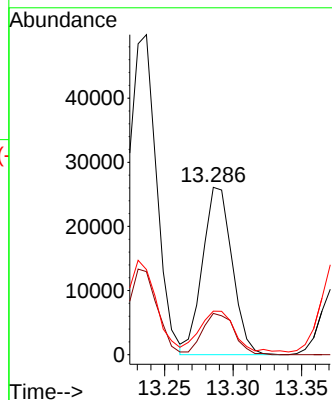
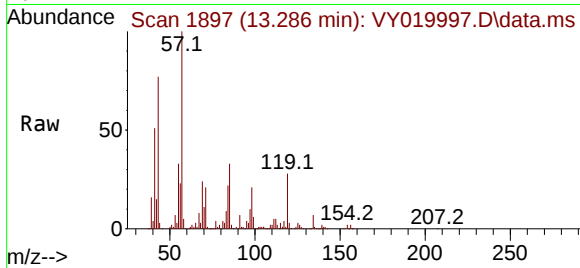




#86
 p-Isopropyltoluene
 Concen: 102.414 ug/l
 RT: 13.286 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VY019997.D
 Acq: 23 Oct 2024 16:19

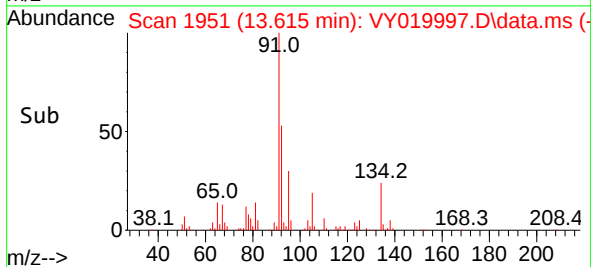
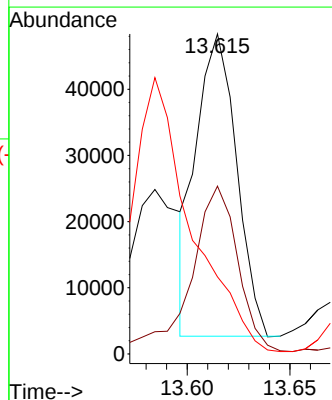
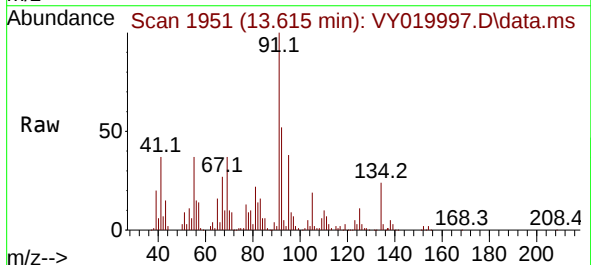
Instrument :
 MSVOA_Y
 ClientSampleId :

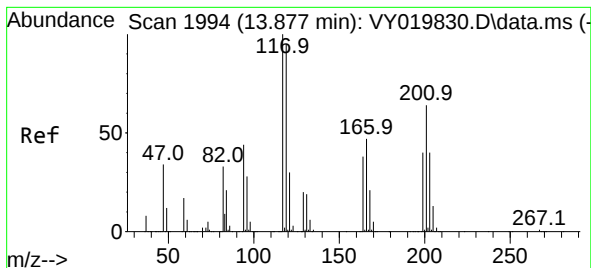
Tgt Ion:119	Resp:	39288
Ion Ratio	Lower	Upper
119	100	
134	26.4	13.1 39.3
91	28.5	10.7 32.1



#89
 n-Butylbenzene
 Concen: 164.743 ug/l
 RT: 13.615 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: VY019997.D
 Acq: 23 Oct 2024 16:19

Tgt Ion: 91	Resp:	61710
Ion Ratio	Lower	Upper
91	100	
92	63.7	26.6 79.7
134	0.0	12.9 38.7#





#90

Hexachloroethane

Concen: 182.346 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

Instrument :

MSVOA_Y

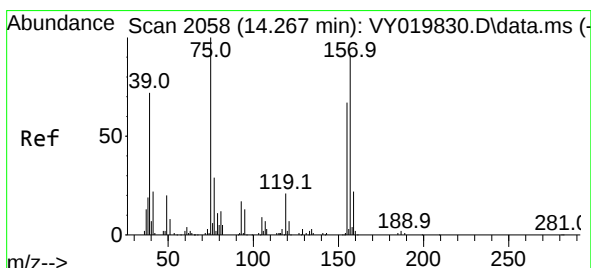
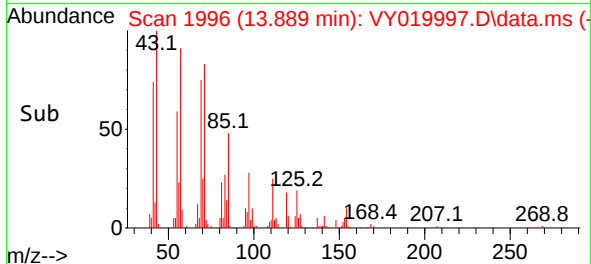
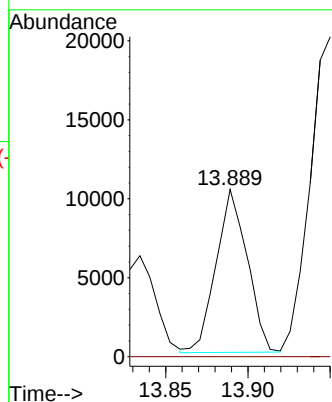
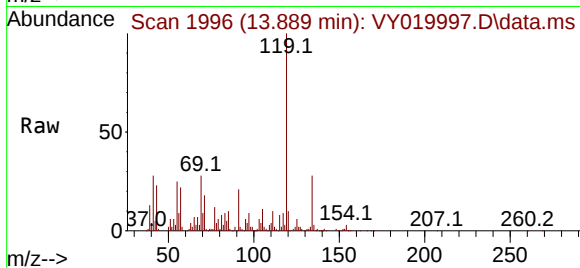
ClientSampleId :

Tgt Ion:117 Resp: 13621

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 88.834 ug/l

RT: 14.255 min Scan# 2056

Delta R.T. -0.018 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

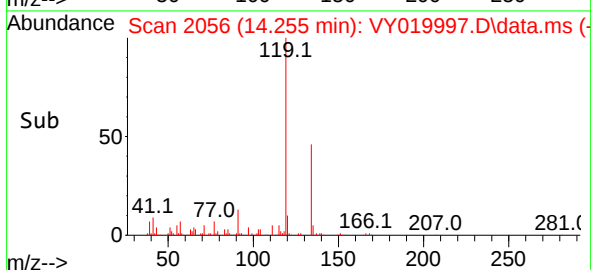
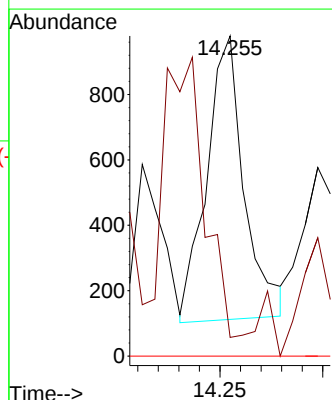
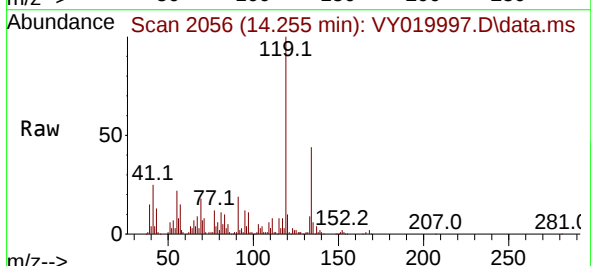
Tgt Ion: 75 Resp: 1101

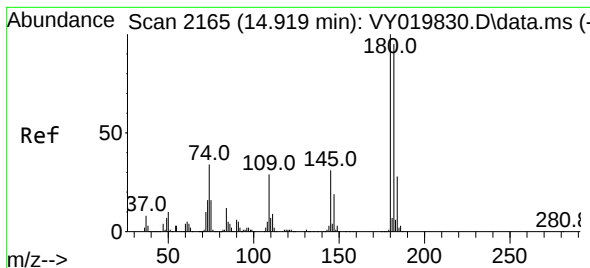
Ion Ratio Lower Upper

75 100

155 9.1 48.6 145.8#

157 0.0 62.7 188.2#





#93

1,2,4-Trichlorobenzene

Concen: 4.768 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

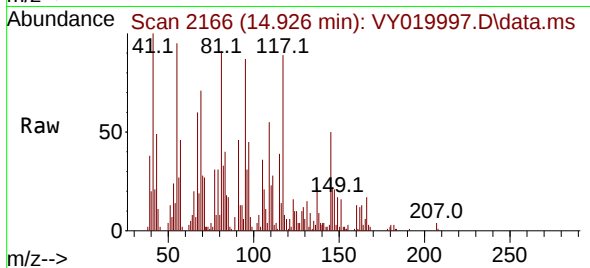
Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

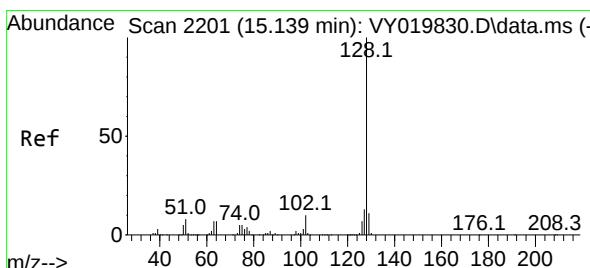
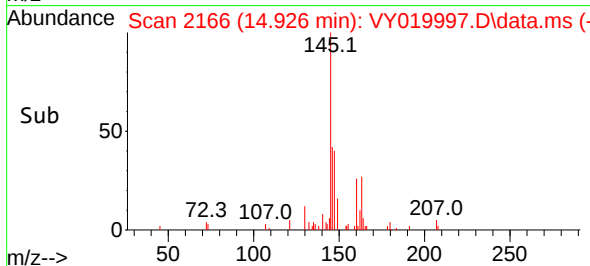
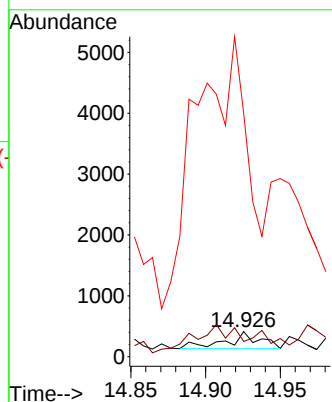
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:180	Resp:	440
Ion Ratio	Lower	Upper
180	100	
182	166.4	47.9 143.8#
145	3123.2	14.2 42.6#



#95

Naphthalene

Concen: 47.471 ug/l

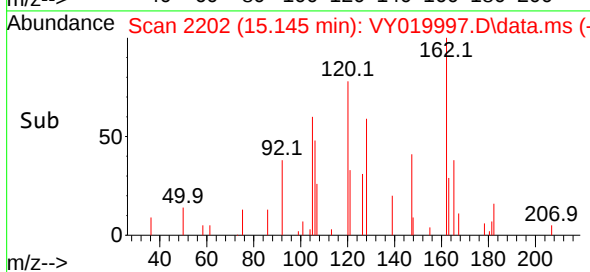
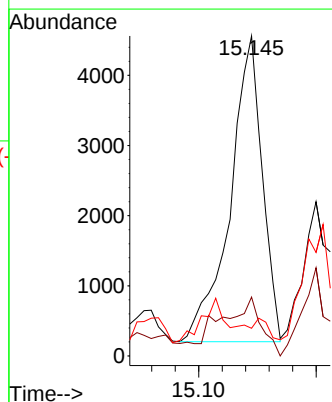
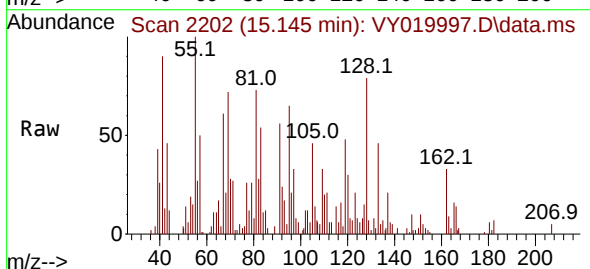
RT: 15.145 min Scan# 2202

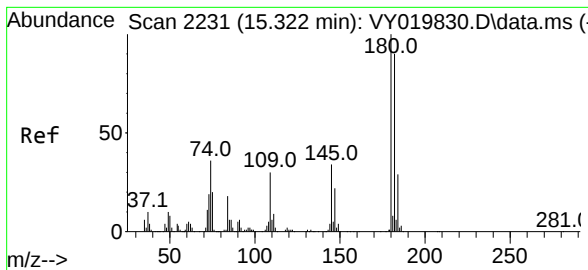
Delta R.T. 0.000 min

Lab File: VY019997.D

Acq: 23 Oct 2024 16:19

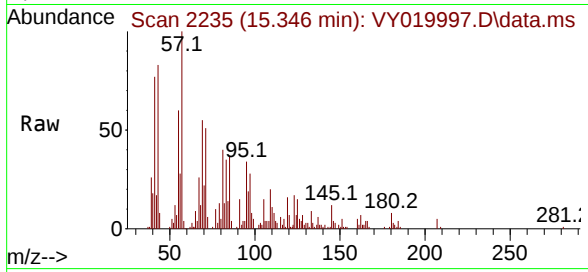
Tgt Ion:128	Resp:	8262
Ion Ratio	Lower	Upper
128	100	
127	23.8	10.6 16.0#
129	0.0	8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 14.781 ug/l
 RT: 15.346 min Scan# 21
 Delta R.T. 0.019 min
 Lab File: VY019997.D
 Acq: 23 Oct 2024 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	1153
Ion Ratio	Lower	Upper	
180	100		
182	21.3	47.6	142.9#
145	372.7	15.4	46.1#

