

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010535.D
 Acq On : 16 Sep 2022 15:17
 Operator : KP/MD
 Sample : N4597-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-5.5-6.0

Quant Time: Sep 17 00:28:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

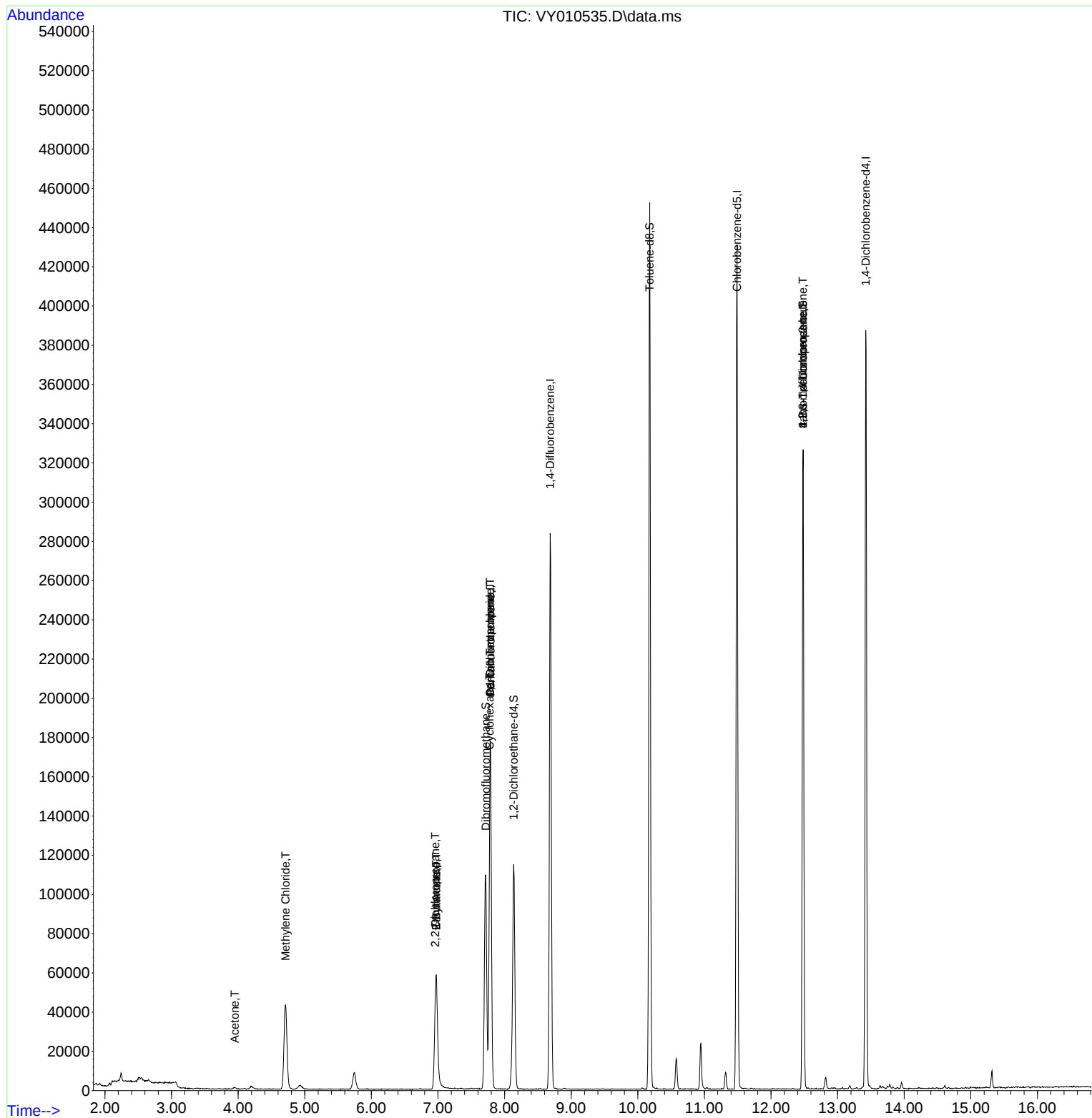
Internal Standards						
1) Pentafluorobenzene	7.789	168	140966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	246030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	236610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	85594	60.288	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.580%			
35) Dibromofluoromethane	7.716	113	79366	45.422	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.840%			
50) Toluene-d8	10.179	98	293252	51.784	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.560%			
62) 4-Bromofluorobenzene	12.477	95	98579	43.063	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	139	Below Cal	#	43
11) Tert butyl alcohol	4.930	59	2919	Below Cal	#	77
16) Acetone	3.948	43	1674	5.138	ug/l #	85
20) Methylene Chloride	4.710	84	33736	16.824	ug/l #	83
25) 2-Butanone	6.972	43	3060	5.910	ug/l #	74
26) 2,2-Dichloropropane	6.960	77	4663	1.847	ug/l #	55
31) Cyclohexane	7.777	56	2846	1.187	ug/l #	15
36) 1,1-Dichloropropene	7.783	75	10488	4.384	ug/l #	51
37) Ethyl Acetate	6.972	43	3060	2.433	ug/l #	1
38) Carbon Tetrachloride	7.783	117	13781	5.178	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	50827	44.743	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	50827	99.346	ug/l #	7

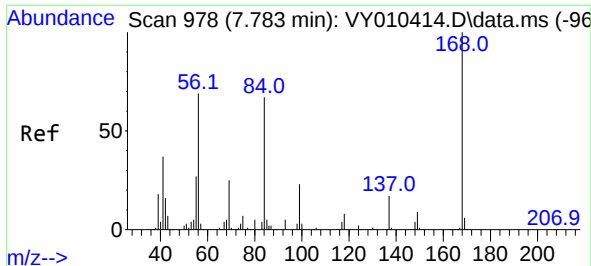
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-02-5.5-6.0

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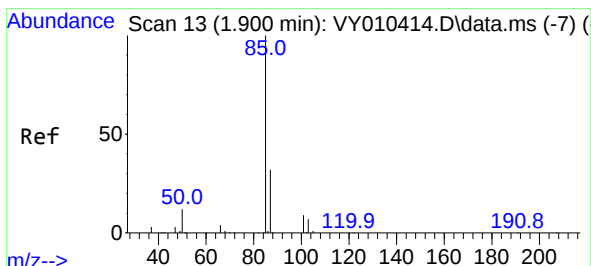
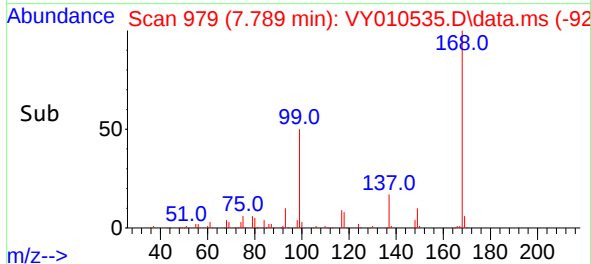
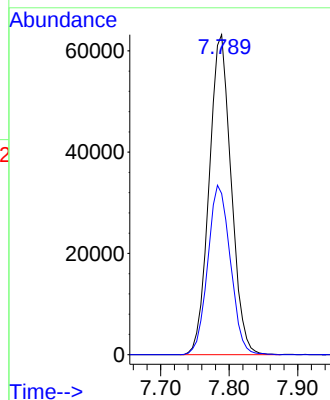
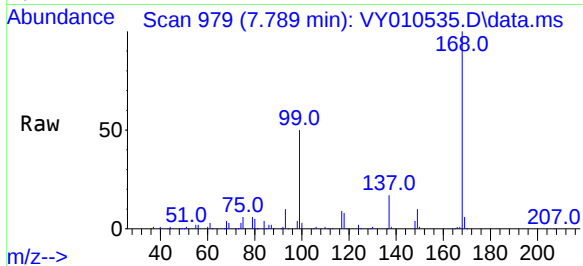




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

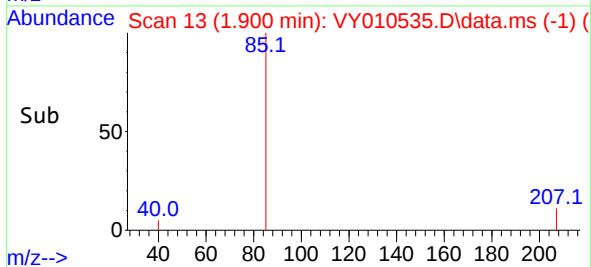
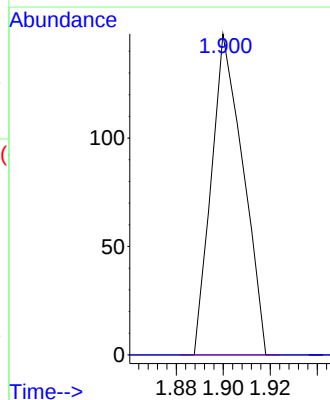
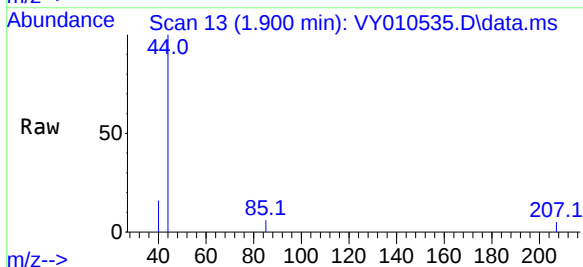
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5.5-6.0

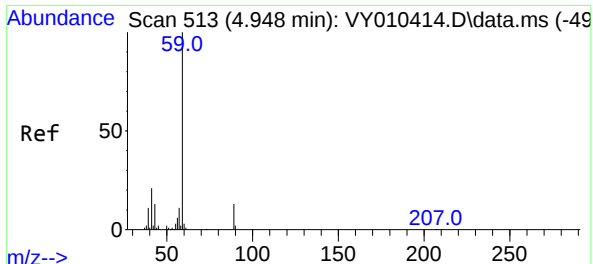
Tgt Ion:168 Resp: 140966
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

Tgt Ion: 85 Resp: 139
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

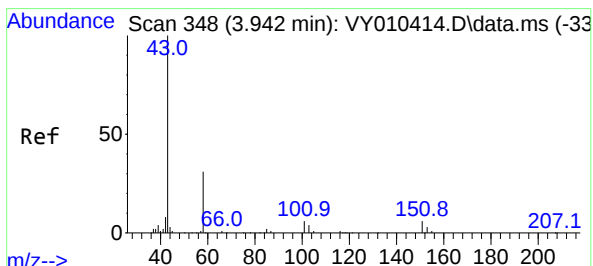
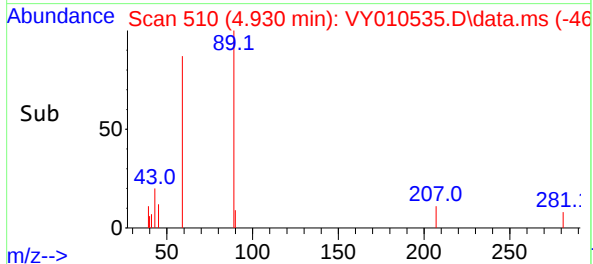
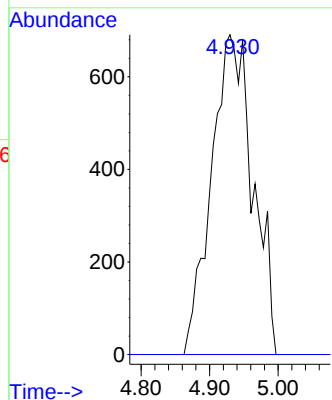
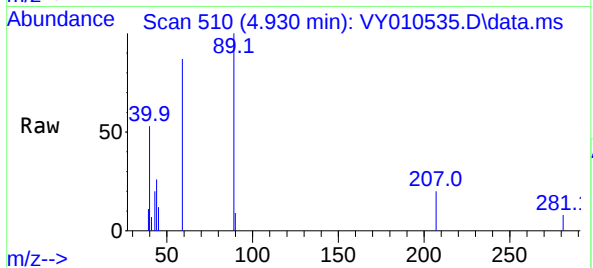




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

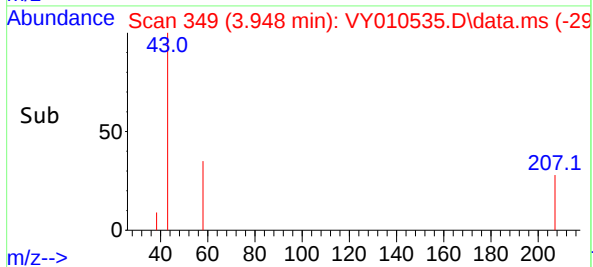
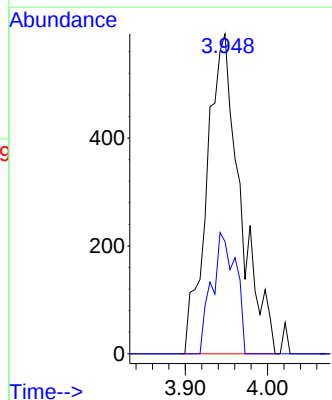
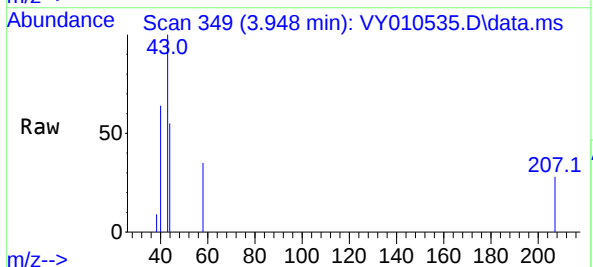
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5.5-6.0

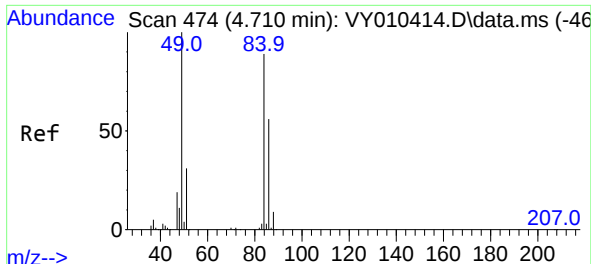
Tgt Ion: 59 Resp: 2919
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 5.138 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

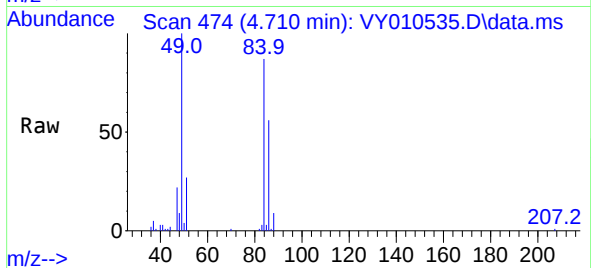
Tgt Ion: 43 Resp: 1674
Ion Ratio Lower Upper
43 100
58 35.1 22.0 33.0#



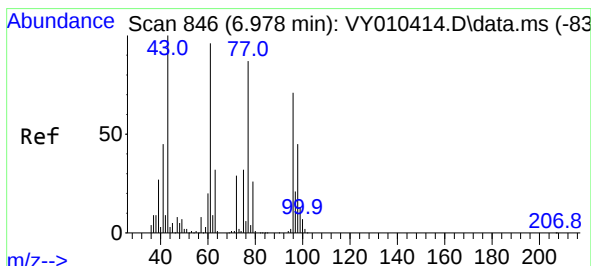
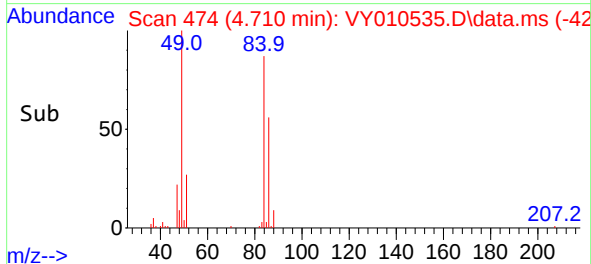
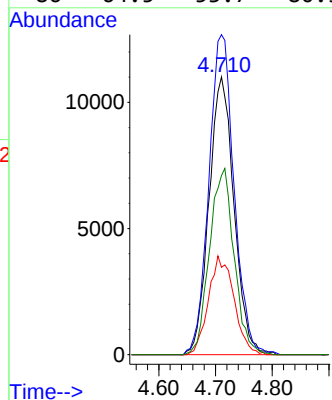


#20
Methylene Chloride
Concen: 16.824 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5.5-6.0

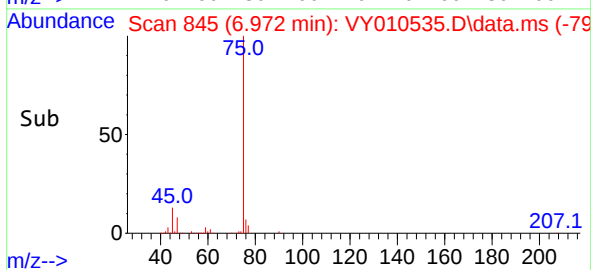
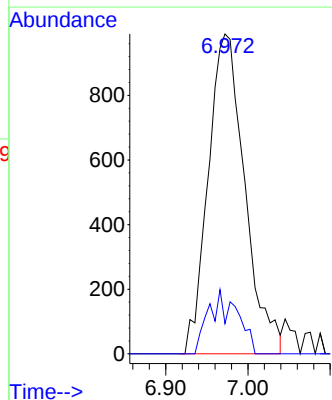
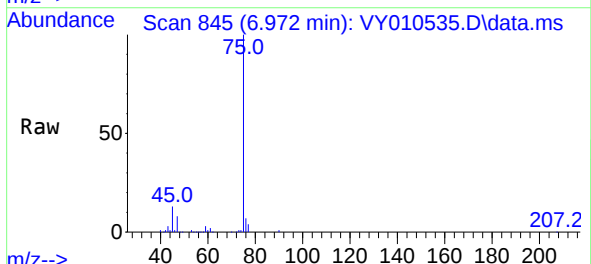


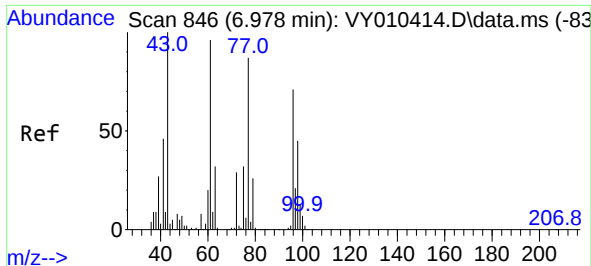
Tgt Ion: 84 Resp: 33736
Ion Ratio Lower Upper
84 100
49 115.2 114.4 171.6
51 31.4 35.3 52.9#
86 64.5 53.7 80.5



#25
2-Butanone
Concen: 5.910 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

Tgt Ion: 43 Resp: 3060
Ion Ratio Lower Upper
43 100
72 9.5 17.7 26.5#

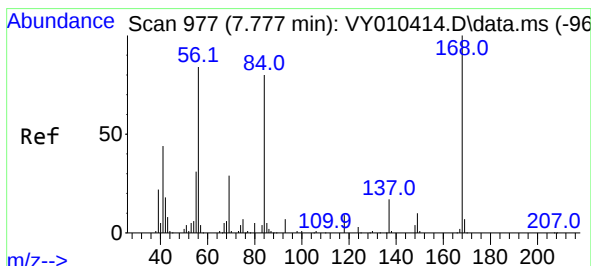
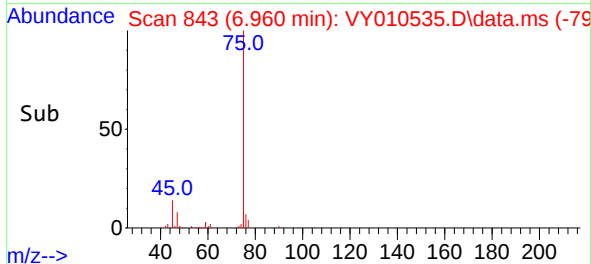
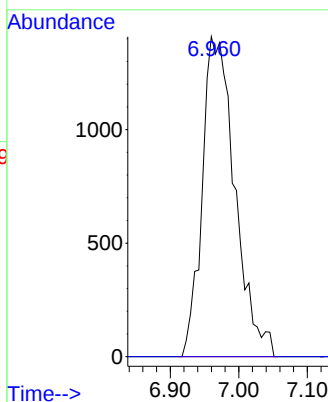
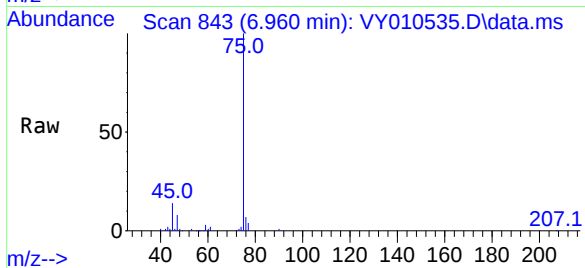




#26
2,2-Dichloropropane
Concen: 1.847 ug/l
RT: 6.960 min Scan# 846
Delta R.T. -0.018 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

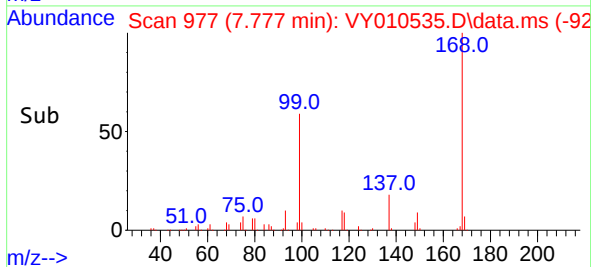
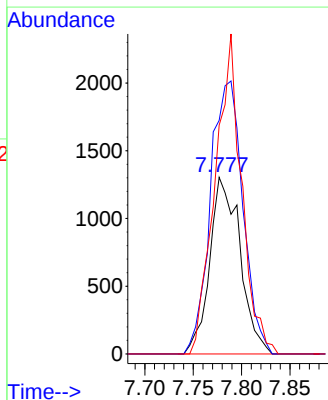
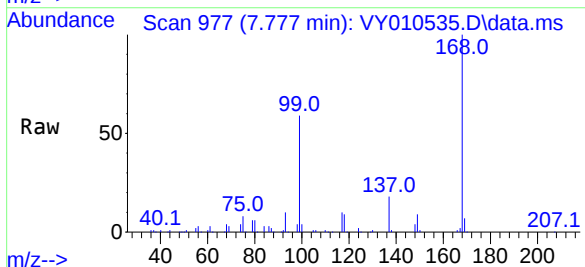
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5.5-6.0

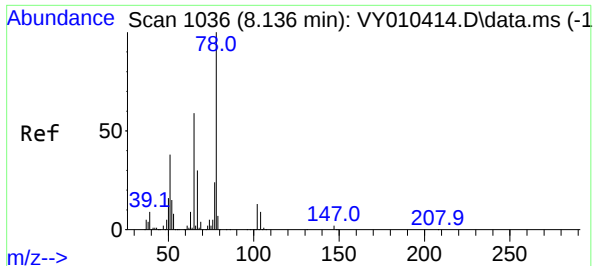
Tgt Ion: 77 Resp: 4663
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.187 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

Tgt Ion: 56 Resp: 2846
Ion Ratio Lower Upper
56 100
69 132.2 26.7 40.1#
84 129.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.288 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010535.D

Acq: 16 Sep 2022 15:17

Instrument :

MSVOA_Y

ClientSampleId :

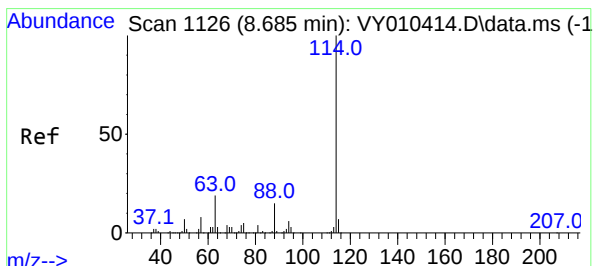
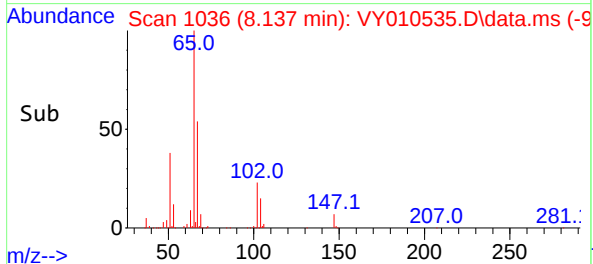
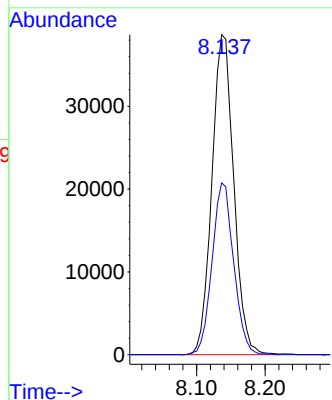
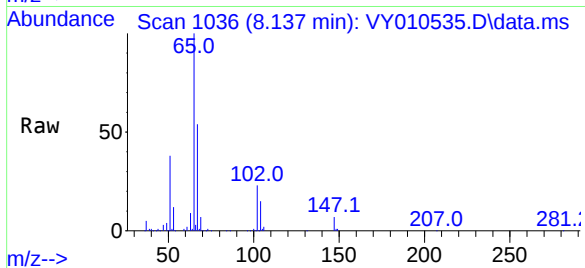
SB-02-5.5-6.0

Tgt Ion: 65 Resp: 85594

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010535.D

Acq: 16 Sep 2022 15:17

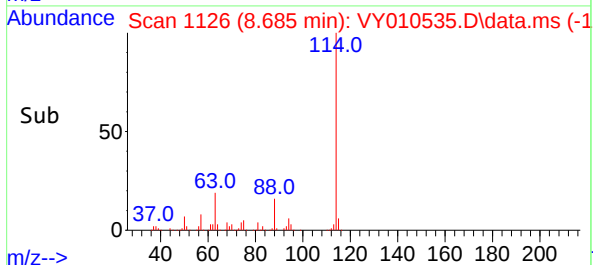
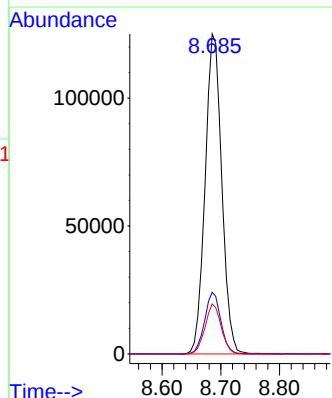
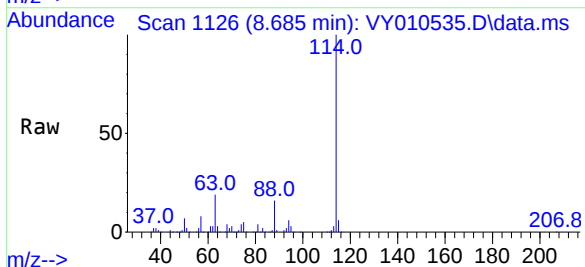
Tgt Ion: 114 Resp: 246030

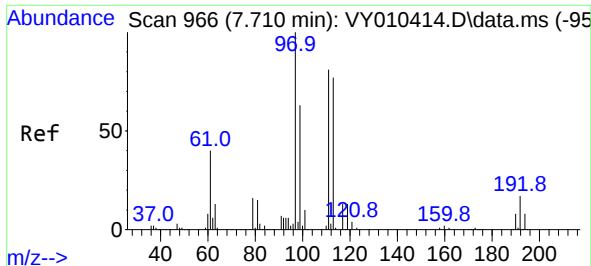
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.7 0.0 31.8

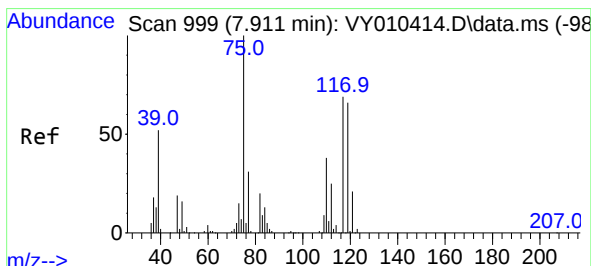
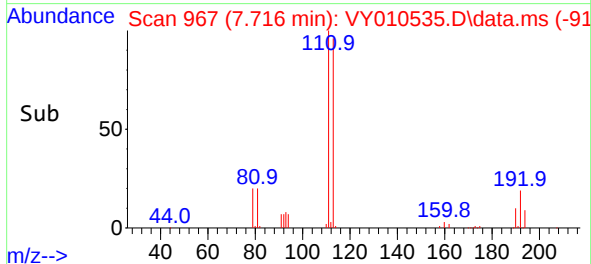
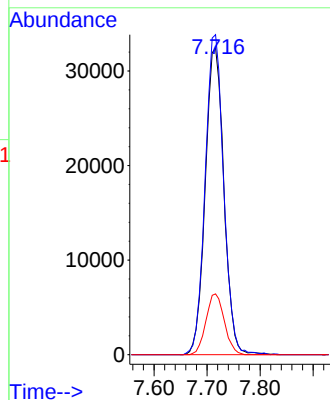
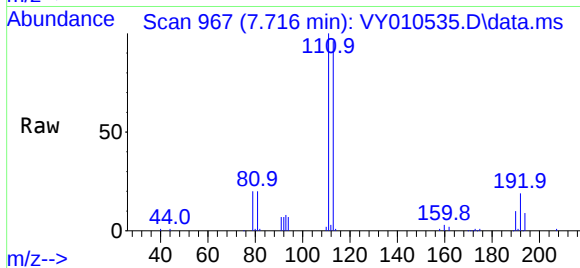




#35
Dibromofluoromethane
Concen: 45.422 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

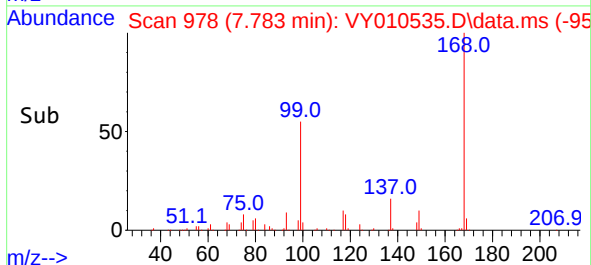
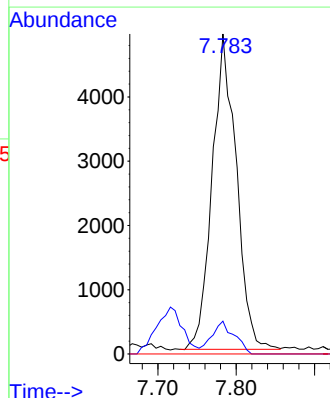
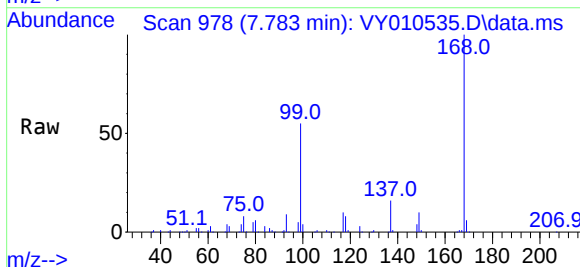
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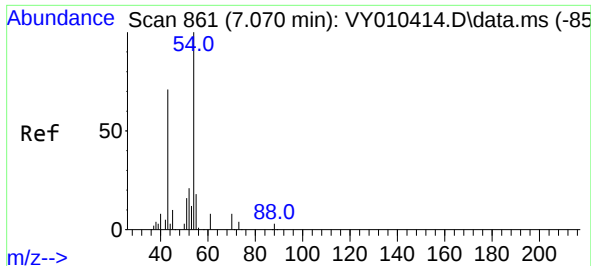
Tgt Ion:	113	Resp:	79366
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	124.0
192	19.5	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.384 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

Tgt Ion:	75	Resp:	10488
Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.1	51.2#
77	0.0	24.4	36.6#

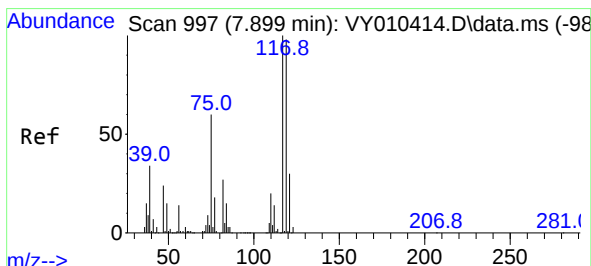
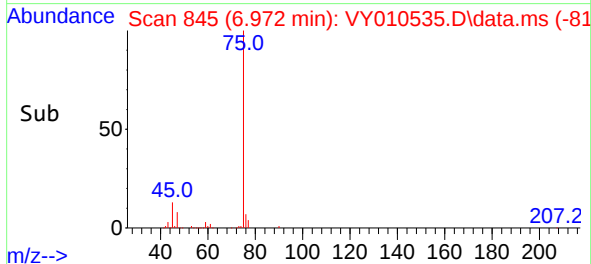
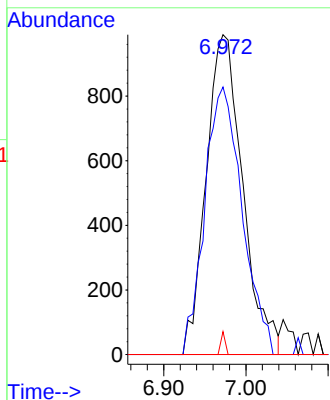
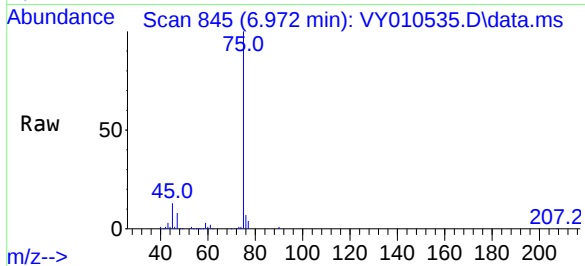




#37
Ethyl Acetate
Concen: 2.433 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.098 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

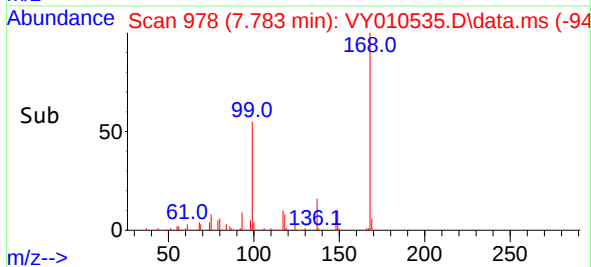
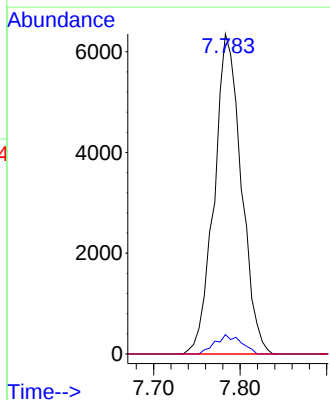
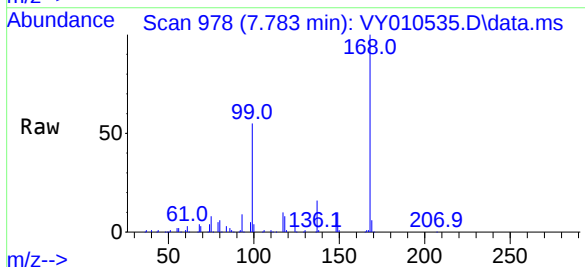
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5.5-6.0

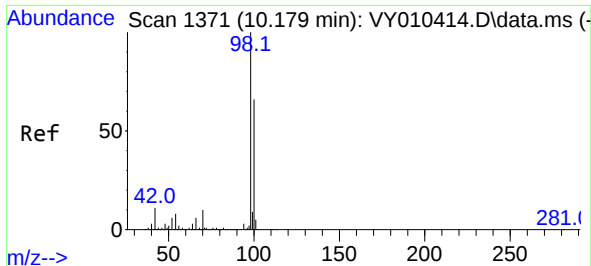
Tgt Ion: 43 Resp: 3060
Ion Ratio Lower Upper
43 100
61 85.6 9.7 14.5#
70 0.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.178 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

Tgt Ion: 117 Resp: 13781
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#

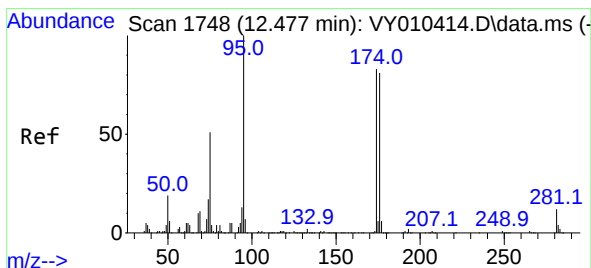
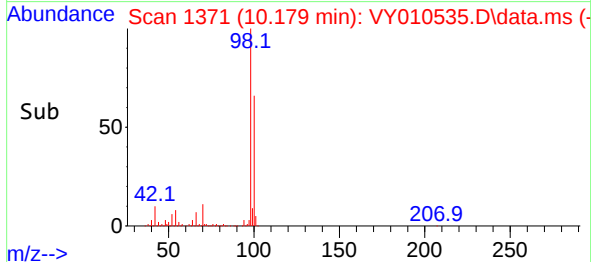
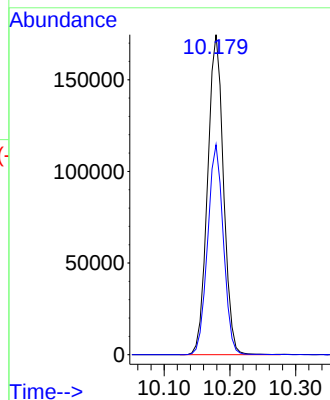
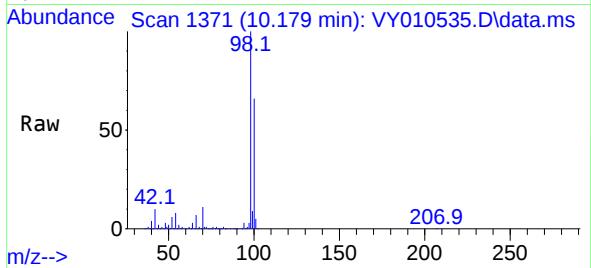




#50
Toluene-d8
Concen: 51.784 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

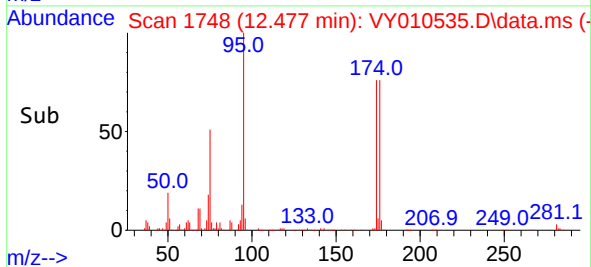
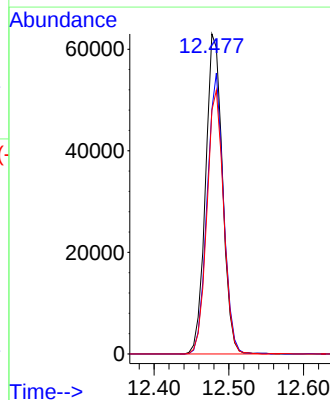
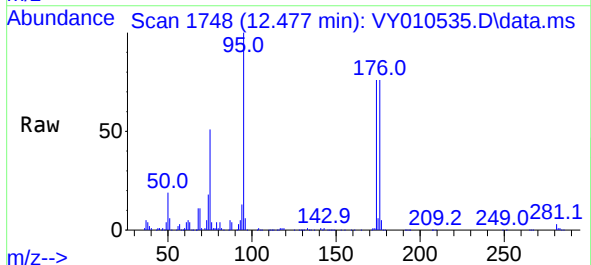
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5.5-6.0

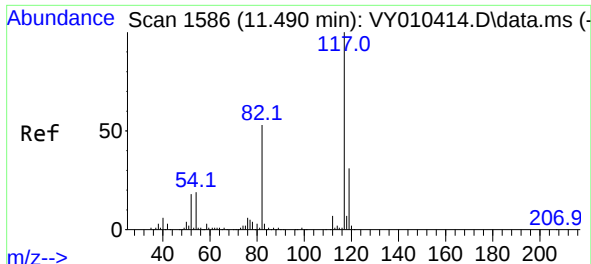
Tgt Ion: 98 Resp: 293252
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.063 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

Tgt Ion: 95 Resp: 98579
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 81.6 0.0 175.8

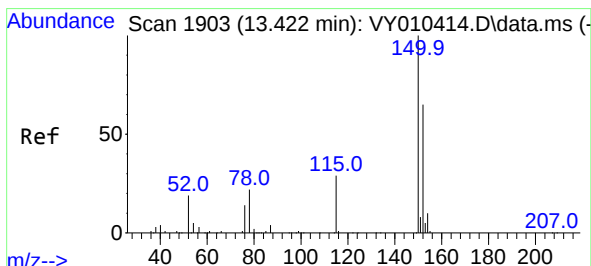
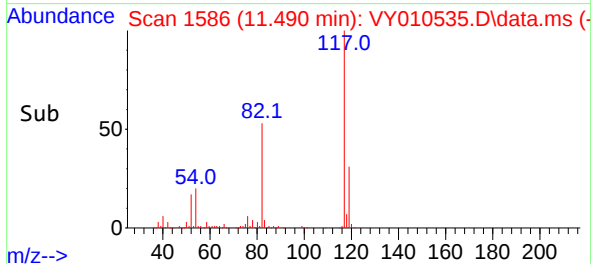
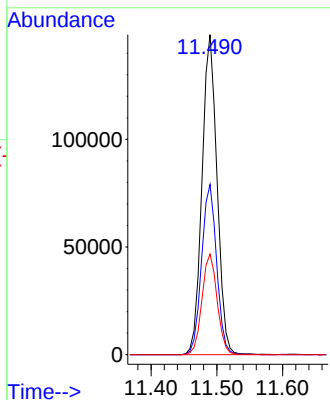
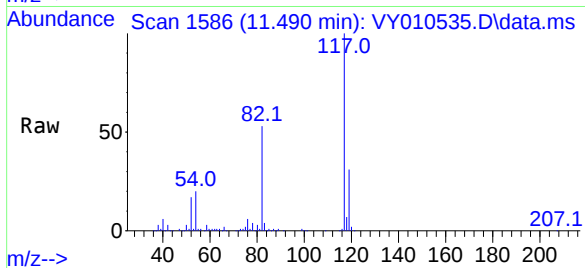




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

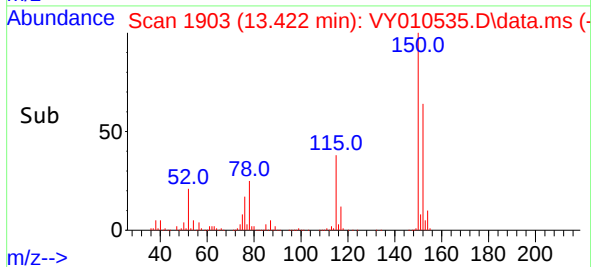
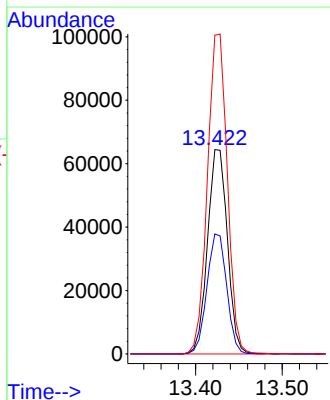
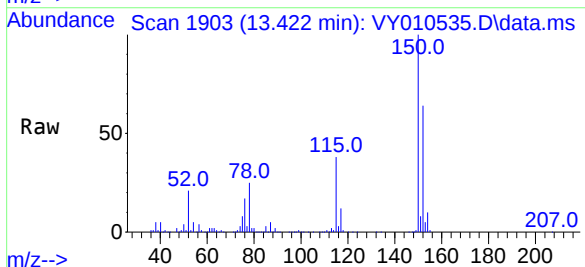
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5.5-6.0

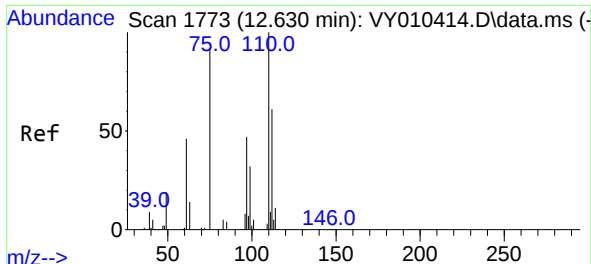
Tgt Ion:117 Resp: 236610
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

Tgt Ion:152 Resp: 102927
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 156.5 0.0 347.6

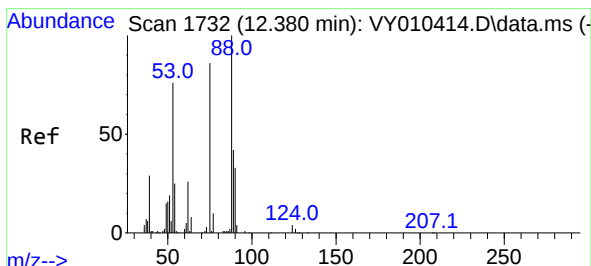
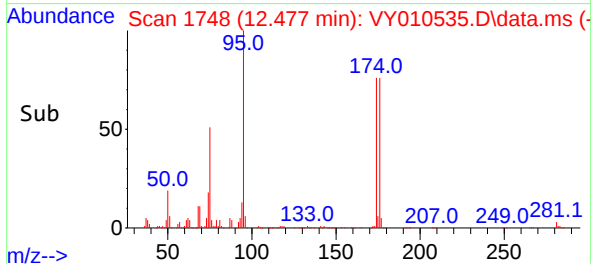
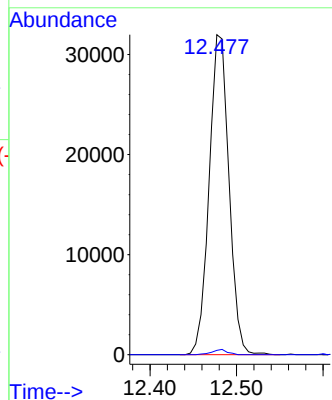
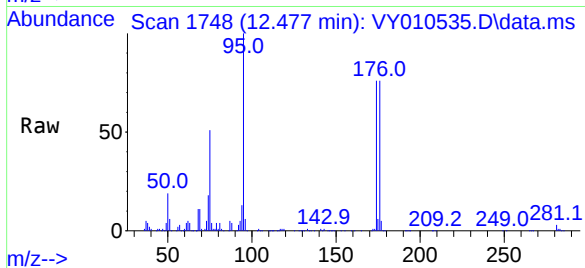




#76
1,2,3-Trichloropropane
Concen: 44.743 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5.5-6.0

Tgt Ion: 75 Resp: 50827
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.346 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

Tgt Ion: 75 Resp: 50827
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

