

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011262.D
 Acq On : 02 Nov 2022 15:04
 Operator : KP/MD
 Sample : N5395-05
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-4-103122

Quant Time: Nov 03 05:16:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

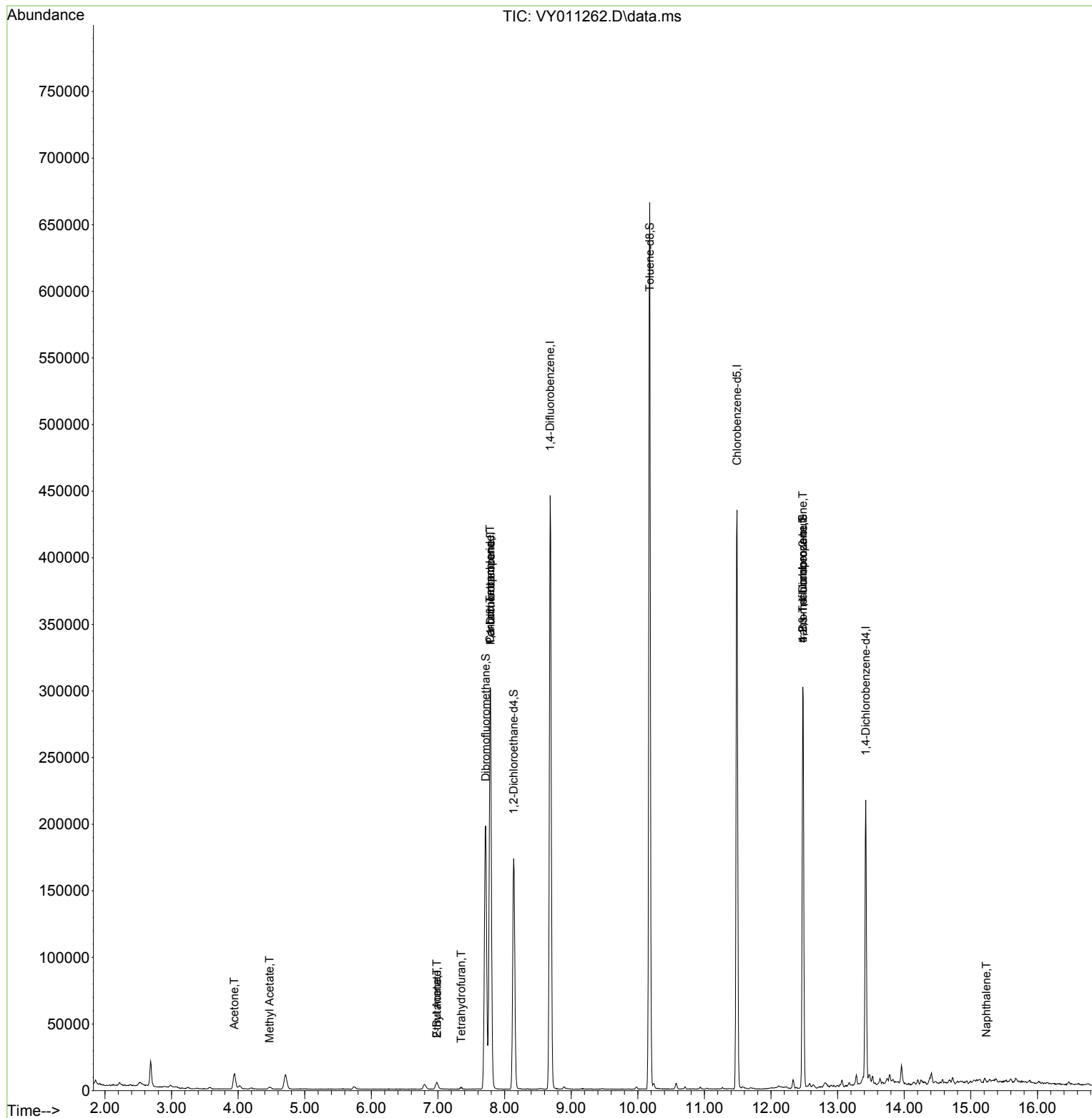
Internal Standards						
1) Pentafluorobenzene	7.789	168	244461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	393676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	251594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	136782	52.316	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.640%			
35) Dibromofluoromethane	7.716	113	144907	57.290	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.580%			
50) Toluene-d8	10.179	98	439265	44.730	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.460%			
62) 4-Bromofluorobenzene	12.477	95	93932	27.552	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 55.100%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	193	Below Cal	#	77
16) Acetone	3.942	43	19987	25.325	ug/l #	88
18) Methyl Acetate	4.473	43	2992	1.432	ug/l	100
20) Methylene Chloride	4.710	84	8480	Below Cal	#	85
25) 2-Butanone	6.984	43	6974	6.280	ug/l	94
29) Tetrahydrofuran	7.350	42	853	1.319	ug/l #	80
36) 1,1-Dichloropropene	7.789	75	17093	4.138	ug/l #	51
37) Ethyl Acetate	6.984	43	6974	3.132	ug/l #	73
38) Carbon Tetrachloride	7.783	117	23787	5.551	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	44711	65.390	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44711	139.943	ug/l #	7
95) Naphthalene	15.233	128	688	4.222	ug/l	96

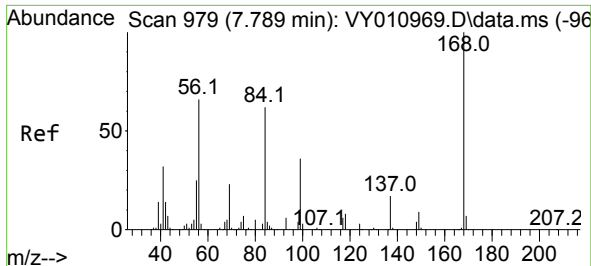
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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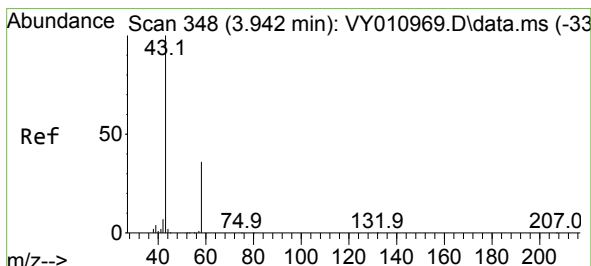
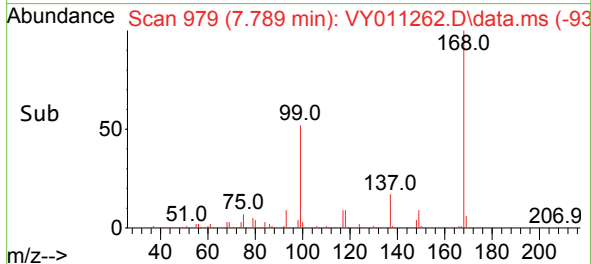
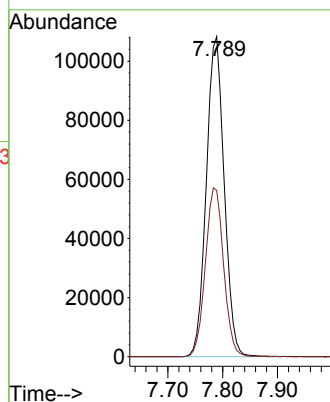
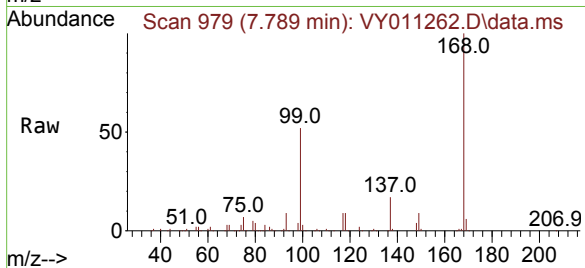




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

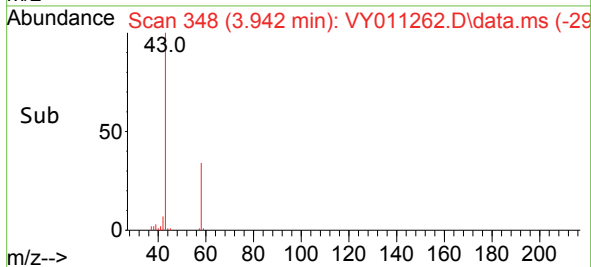
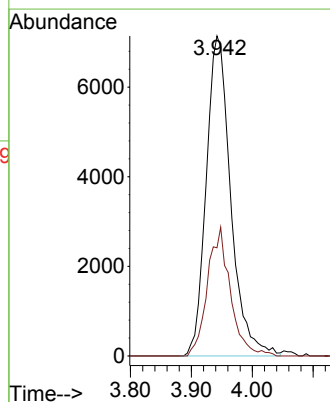
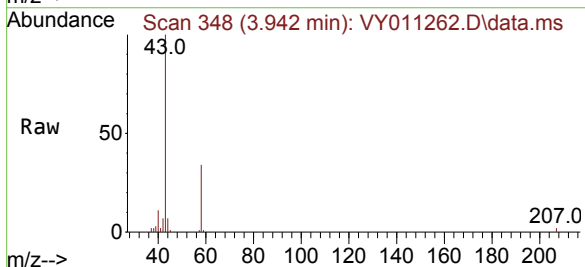
Instrument :
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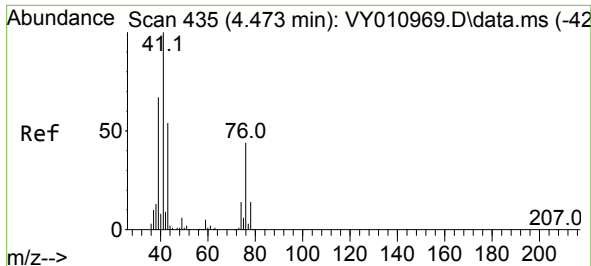
Tgt Ion:168 Resp: 244461
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#16
Acetone
Concen: 25.325 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

Tgt Ion: 43 Resp: 19987
Ion Ratio Lower Upper
43 100
58 33.8 22.0 33.0#

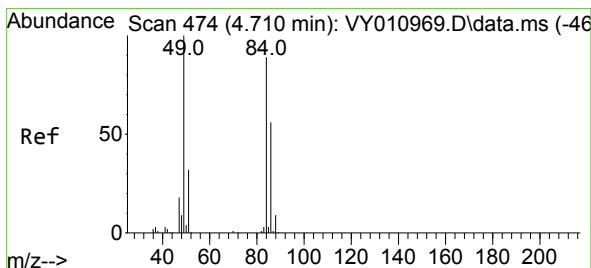
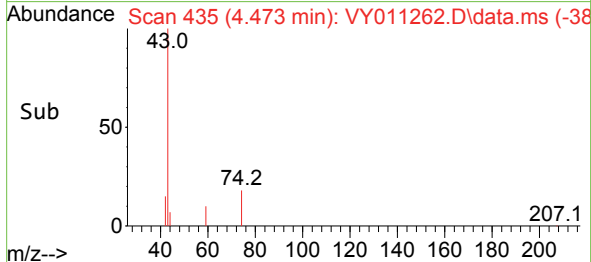
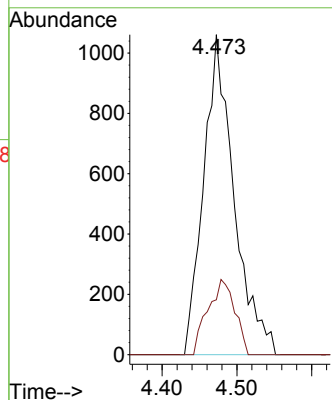
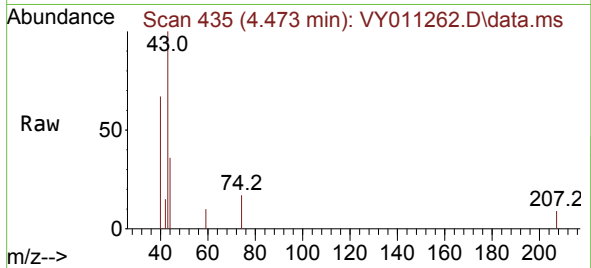




#18
Methyl Acetate
Concen: 1.432 ug/l
RT: 4.473 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

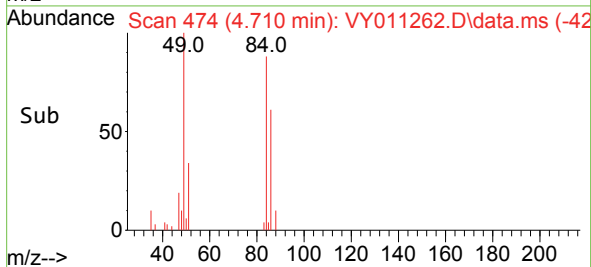
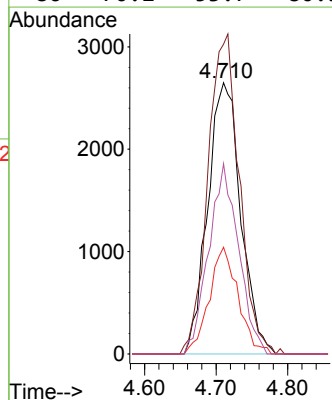
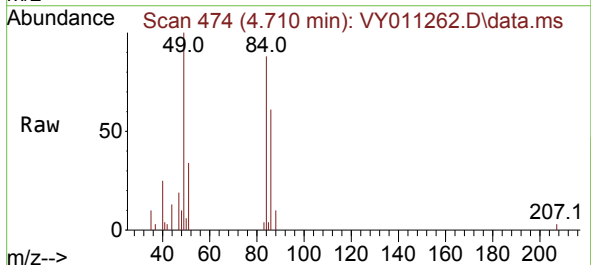
Instrument :
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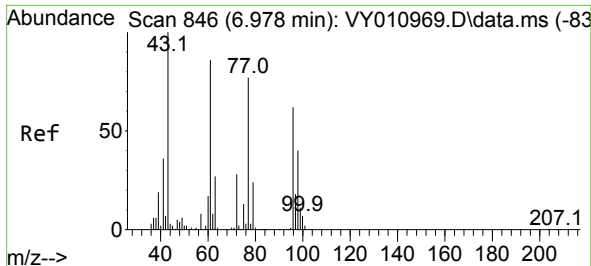
Tgt Ion: 43 Resp: 2992
Ion Ratio Lower Upper
43 100
74 20.9 16.6 24.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

Tgt Ion: 84 Resp: 8480
Ion Ratio Lower Upper
84 100
49 114.2 114.4 171.6#
51 39.3 35.3 52.9
86 70.2 53.7 80.5

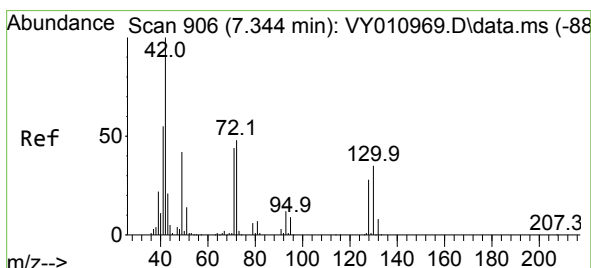
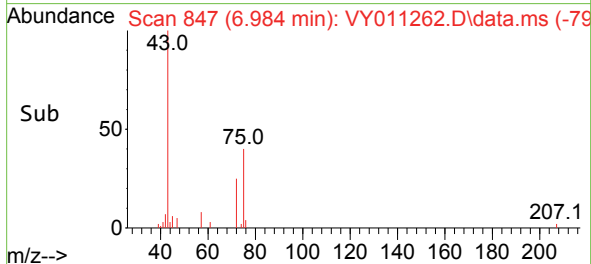
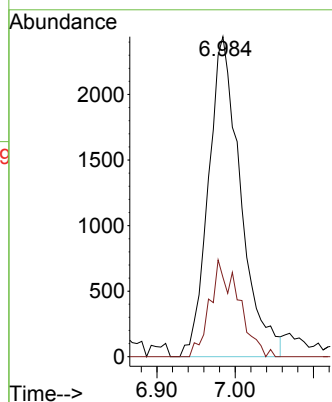
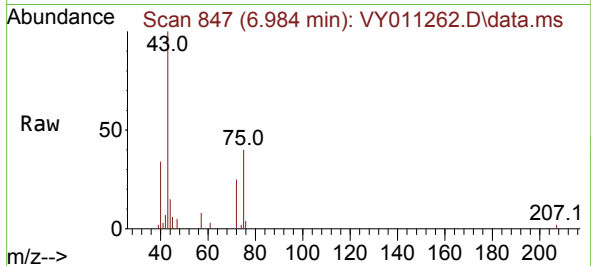




#25
2-Butanone
Concen: 6.280 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

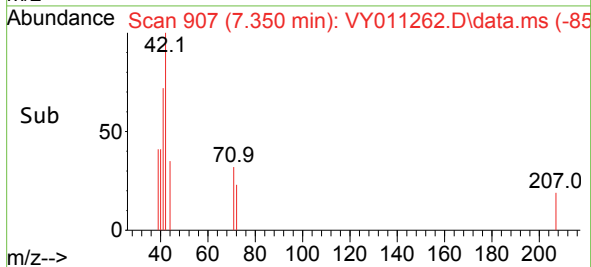
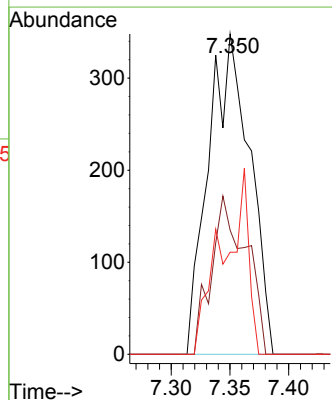
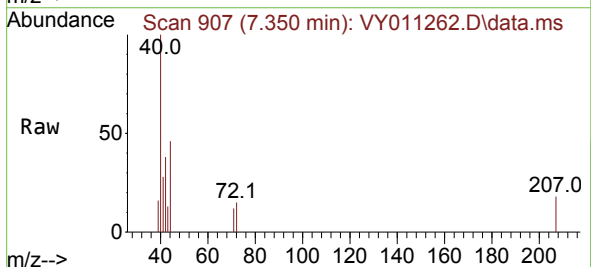
Instrument :
MSVOA_Y
ClientSampleId :
S-4-103122

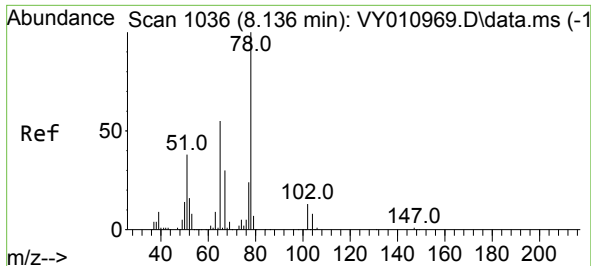
Tgt Ion: 43 Resp: 6974
Ion Ratio Lower Upper
43 100
72 24.8 17.7 26.5



#29
Tetrahydrofuran
Concen: 1.319 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

Tgt Ion: 42 Resp: 853
Ion Ratio Lower Upper
42 100
72 41.7 30.3 45.5
71 15.5 29.0 43.4#

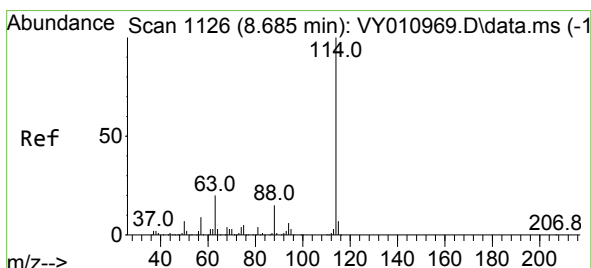
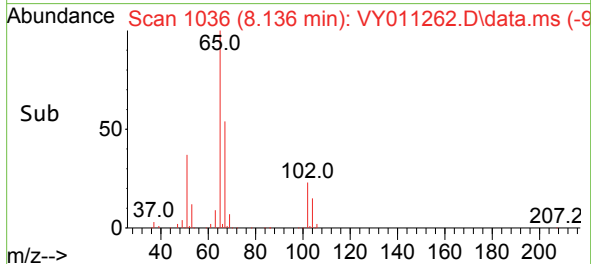
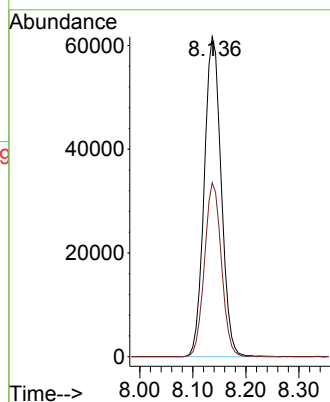
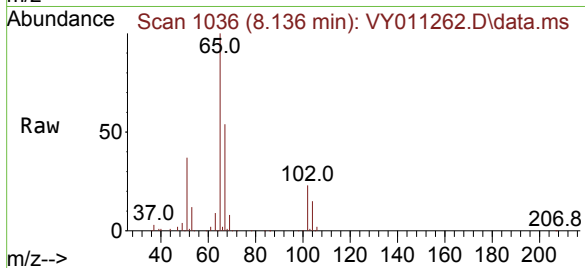




#33
 1,2-Dichloroethane-d4
 Concen: 52.316 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY011262.D
 Acq: 02 Nov 2022 15:04

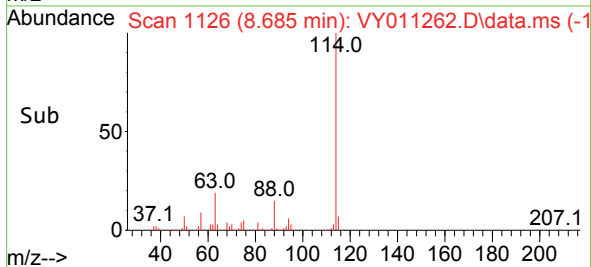
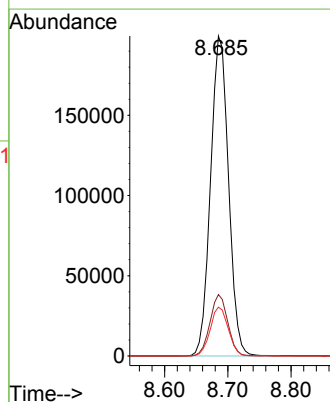
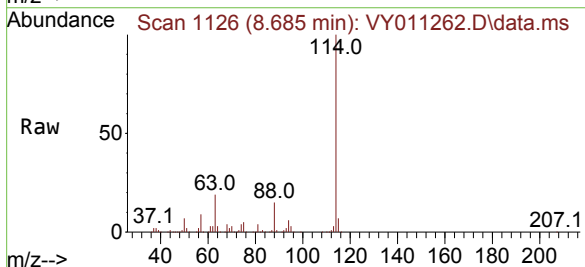
Instrument :
 MSVOA_Y
 ClientSampleId :
 S-4-103122

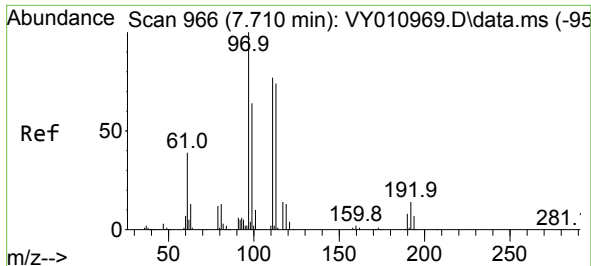
Tgt Ion: 65 Resp: 136782
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY011262.D
 Acq: 02 Nov 2022 15:04

Tgt Ion: 114 Resp: 393676
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.2
 88 15.2 0.0 31.8

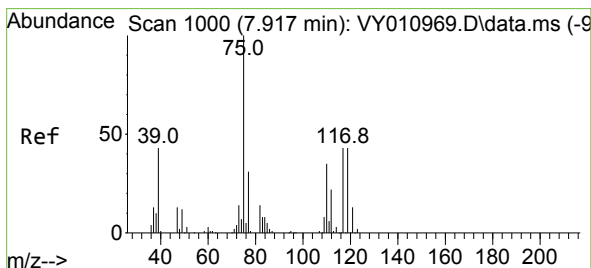
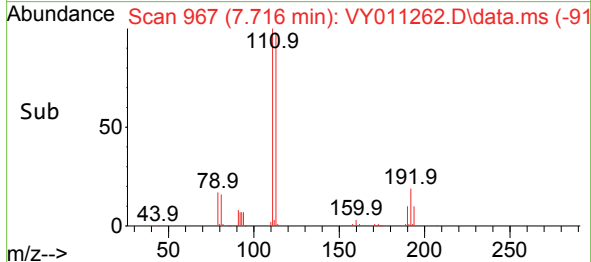
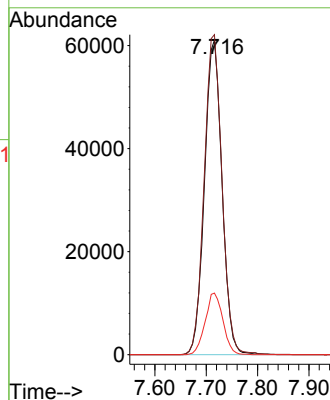
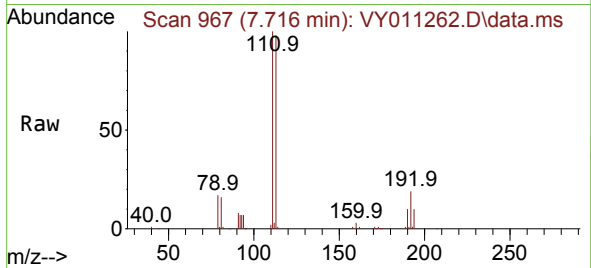




#35
Dibromofluoromethane
Concen: 57.290 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

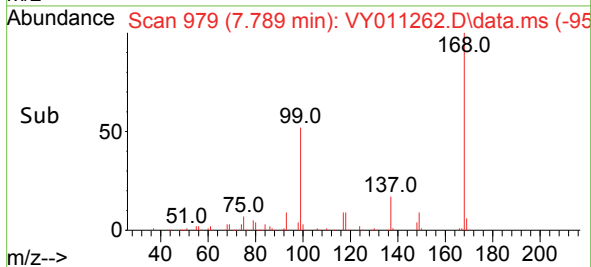
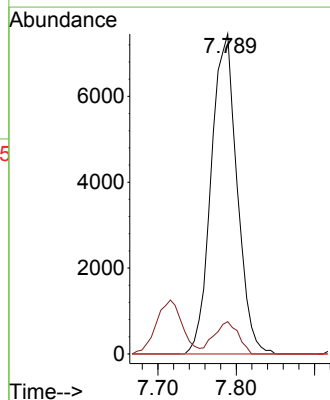
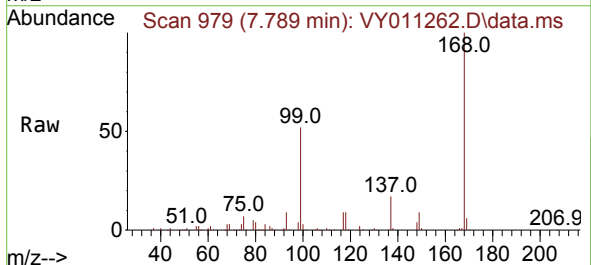
Instrument :
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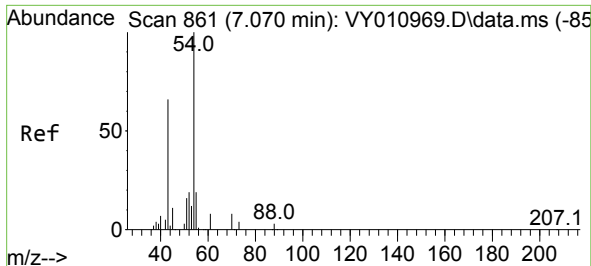
Tgt Ion:113 Resp: 144907
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.138 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

Tgt Ion: 75 Resp: 17093
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 3.132 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.086 min

Lab File: VY011262.D

Acq: 02 Nov 2022 15:04

Instrument :

MSVOA_Y

ClientSampleId :

S-4-103122

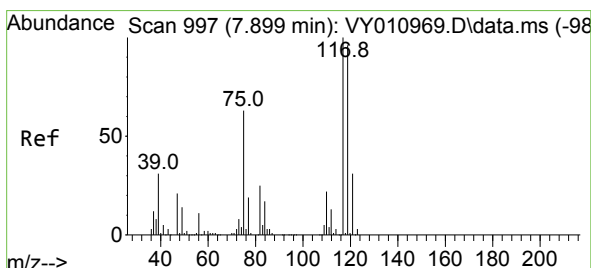
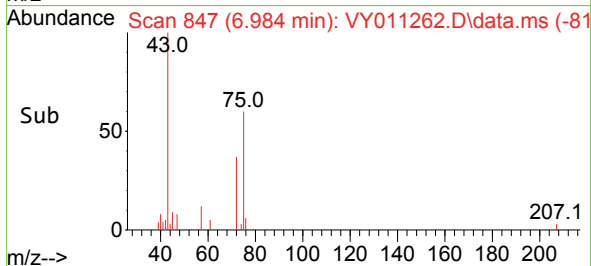
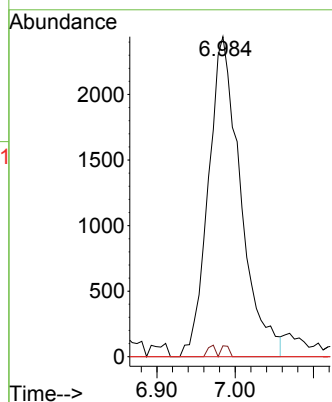
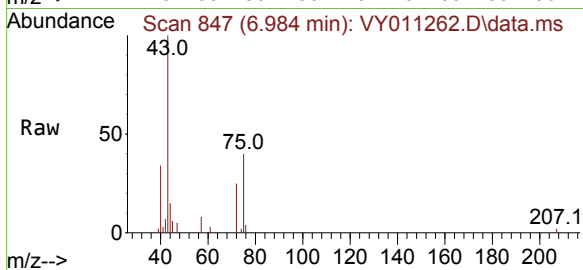
Tgt Ion: 43 Resp: 6974

Ion Ratio Lower Upper

43 100

61 0.8 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.551 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011262.D

Acq: 02 Nov 2022 15:04

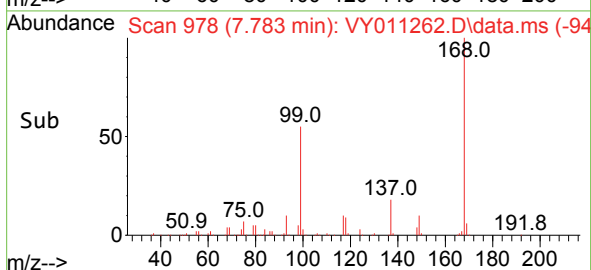
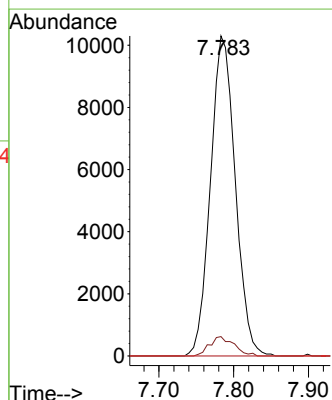
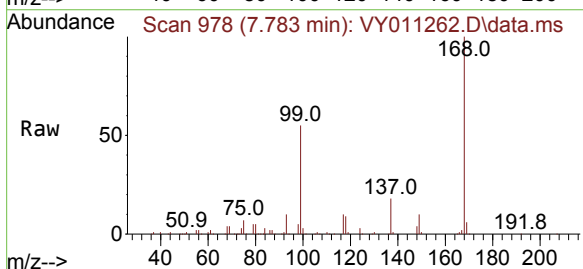
Tgt Ion: 117 Resp: 23787

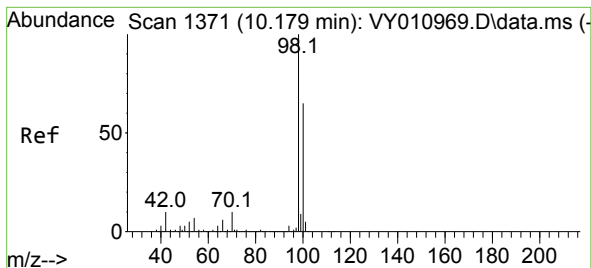
Ion Ratio Lower Upper

117 100

119 6.1 77.9 116.9#

121 0.0 24.8 37.2#

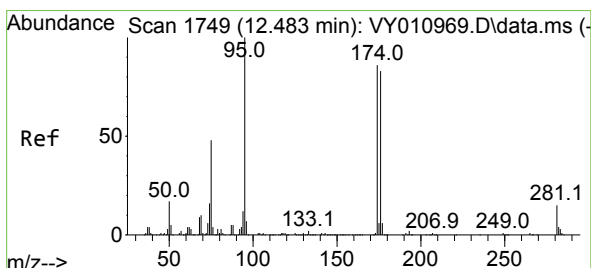
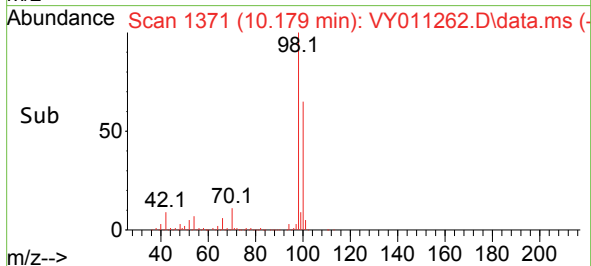
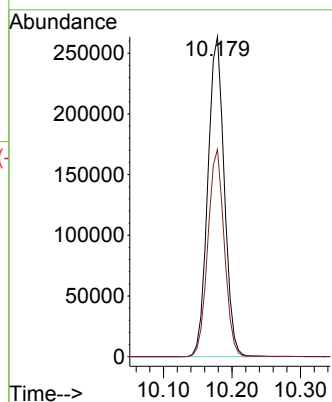
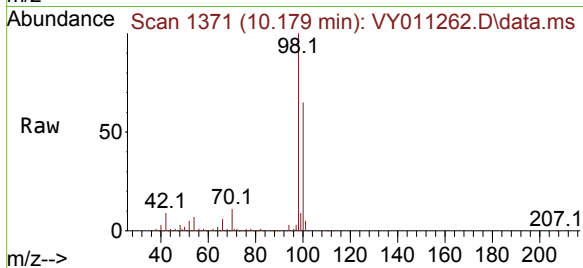




#50
Toluene-d8
Concen: 44.730 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

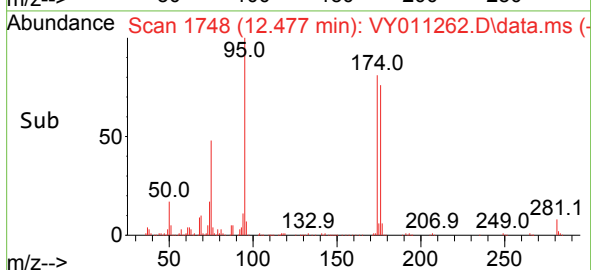
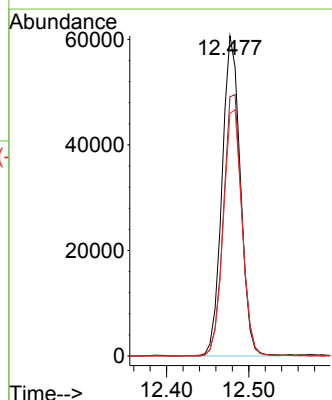
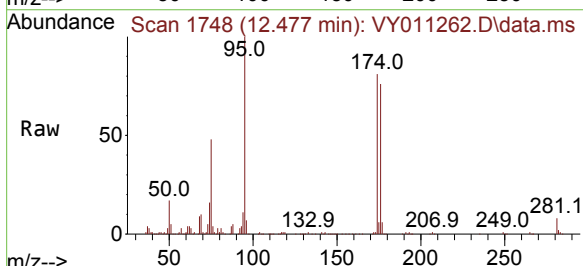
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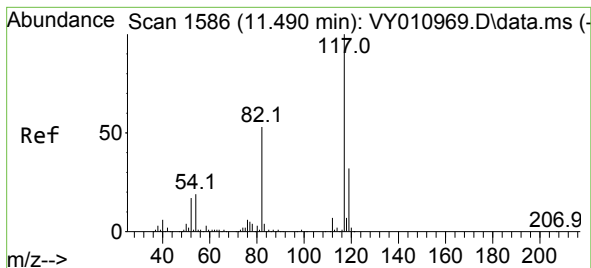
Tgt Ion: 98 Resp: 439265
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 27.552 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

Tgt Ion: 95 Resp: 93932
Ion Ratio Lower Upper
95 100
174 82.4 0.0 177.0
176 78.4 0.0 175.8

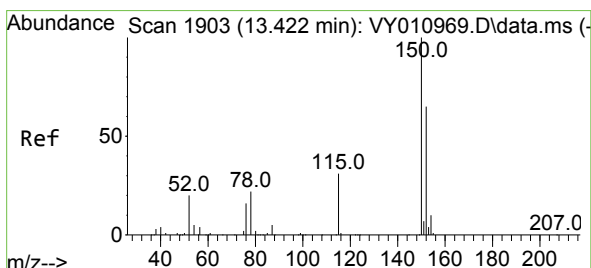
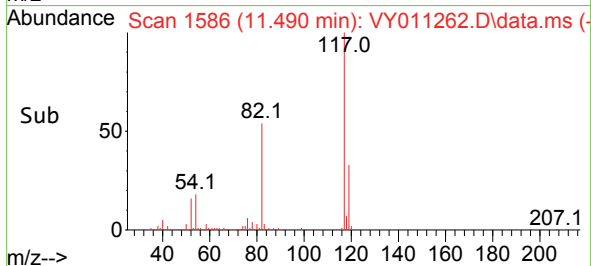
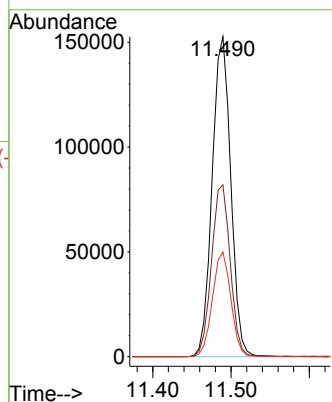
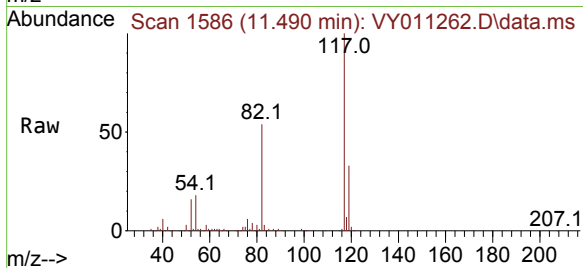




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

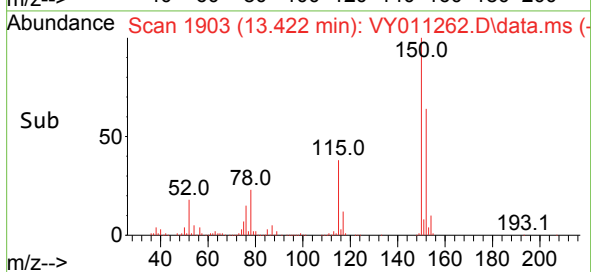
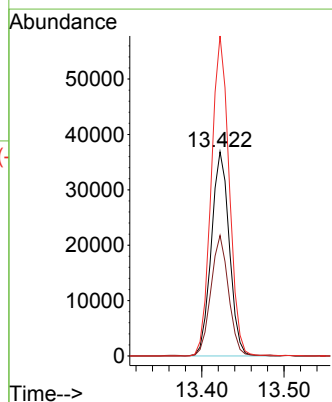
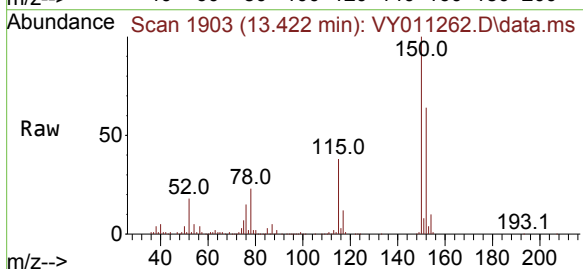
Instrument :
MSVOA_Y
ClientSampleId :
S-4-103122

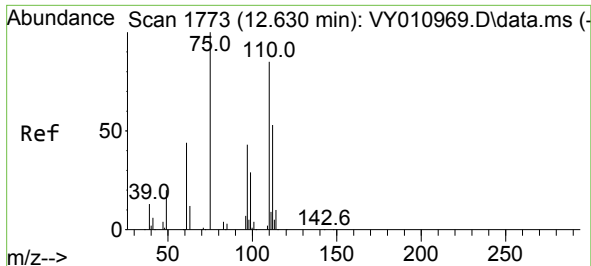
Tgt Ion:117 Resp: 251594
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

Tgt Ion:152 Resp: 56165
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 155.9 0.0 347.6

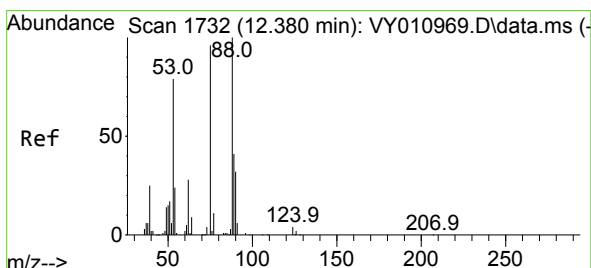
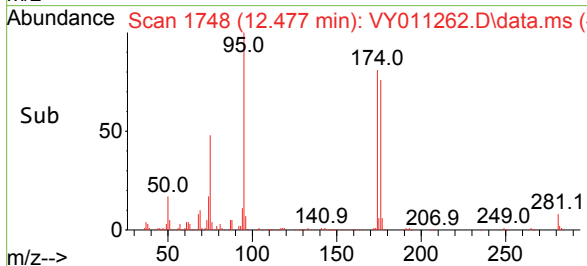
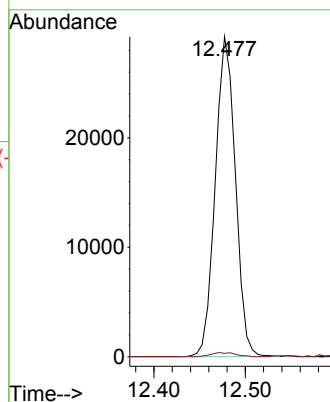
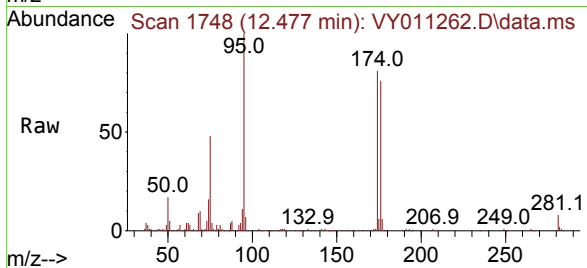




#76
1,2,3-Trichloropropane
Concen: 65.390 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

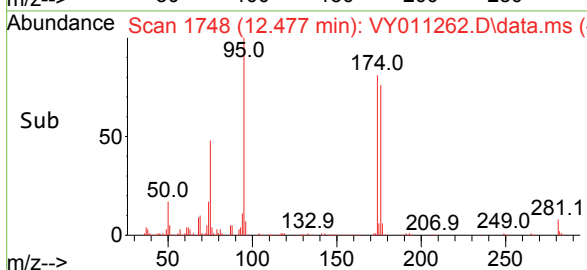
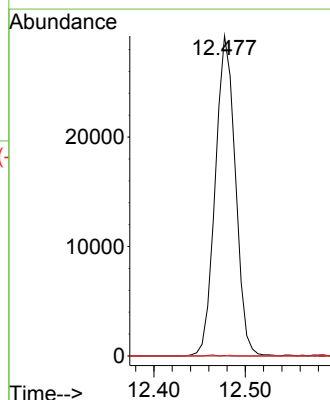
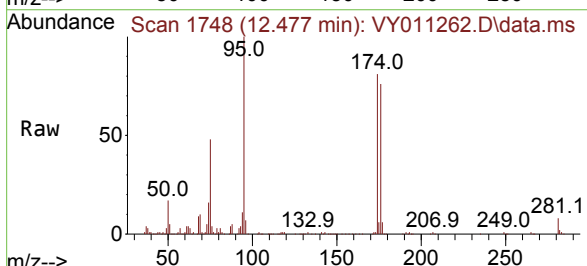
Instrument :
MSVOA_Y
ClientSampleId :
S-4-103122

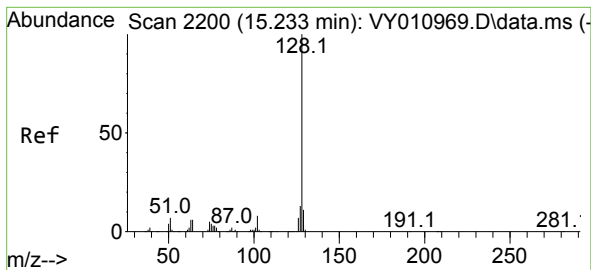
Tgt Ion: 75 Resp: 44711
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.943 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

Tgt Ion: 75 Resp: 44711
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 4.222 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

Instrument :
MSVOA_Y
ClientSampleId :
S-4-103122

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.1	11.0	16.4
129	11.6	8.4	12.6

