

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013949.D
 Acq On : 31 May 2023 20:30
 Operator : KP/MD
 Sample : 02977-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FOUNDATION-TEST-PIT

Quant Time: Jun 01 03:31:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

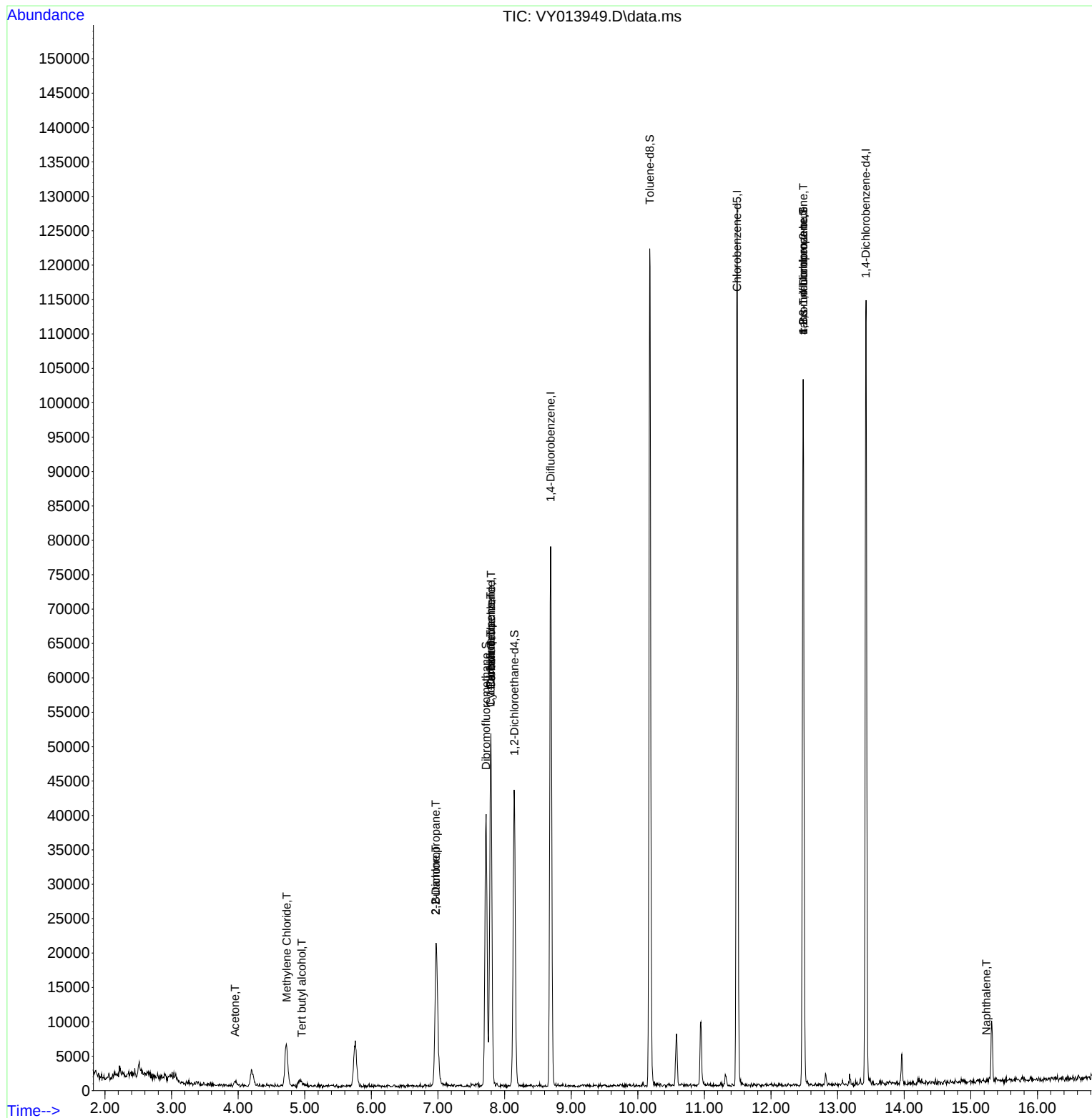
Internal Standards						
1) Pentafluorobenzene	7.795	168	38843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	66915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	69354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	36410	81.024	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.040%	
35) Dibromofluoromethane	7.722	113	26107	60.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.820%	
50) Toluene-d8	10.179	98	80253	48.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.720%	
62) 4-Bromofluorobenzene	12.483	95	27234	49.884	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	702	20.392	ug/l #	73
16) Acetone	3.954	43	1321	9.904	ug/l	91
20) Methylene Chloride	4.729	84	4445	7.227	ug/l	84
25) 2-Butanone	6.966	43	1273	7.822	ug/l #	49
26) 2,2-Dichloropropane	6.966	77	1429	2.029	ug/l #	53
31) Cyclohexane	7.789	56	905	1.311	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	2829	4.298	ug/l #	42
38) Carbon Tetrachloride	7.795	117	3722	4.972	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	14711	41.606	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14711	90.314	ug/l #	10
95) Naphthalene	15.233	128	177	4.674	ug/l #	68

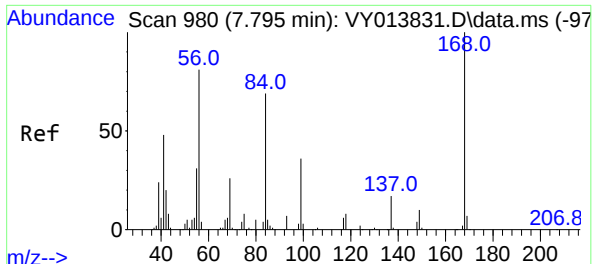
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
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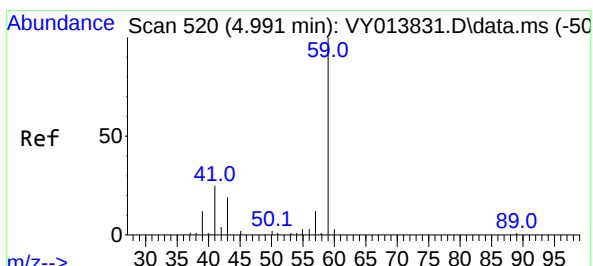
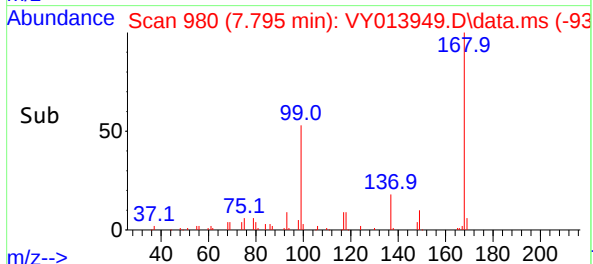
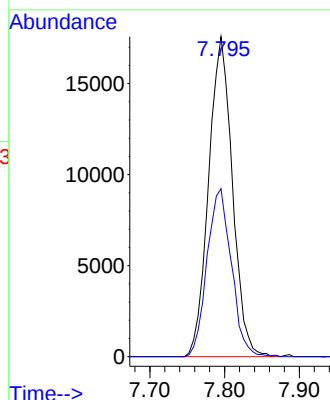
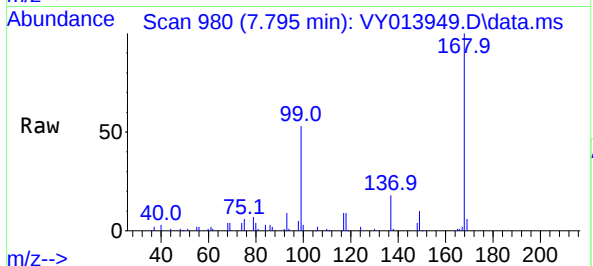




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

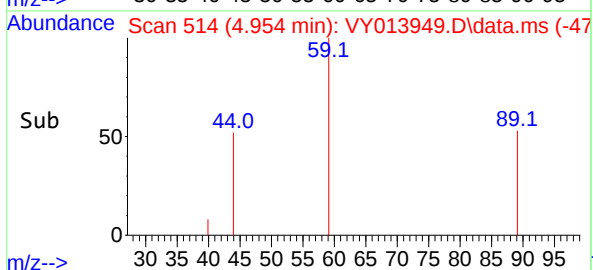
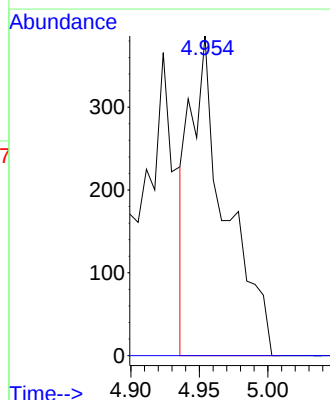
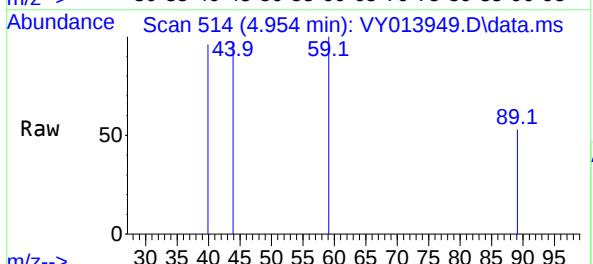
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MSVOA_Y
ClientSampleId :
FOUNDATION-TEST-PIT

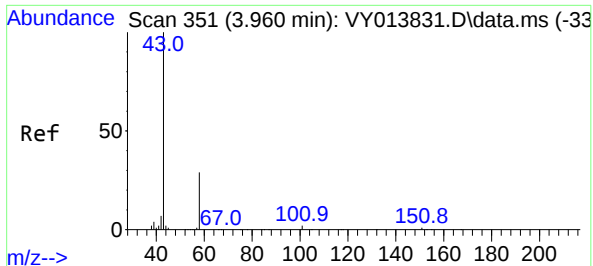
Tgt Ion:168 Resp: 38843
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.2



#11
Tert butyl alcohol
Concen: 20.392 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.037 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

Tgt Ion: 59 Resp: 702
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

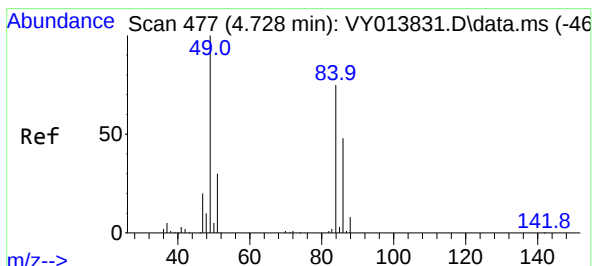
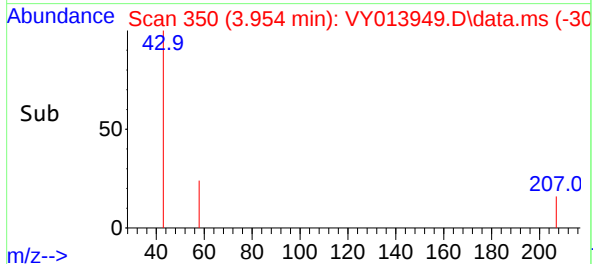
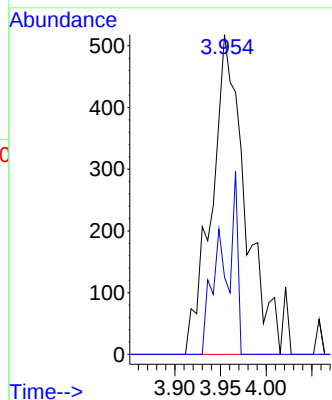
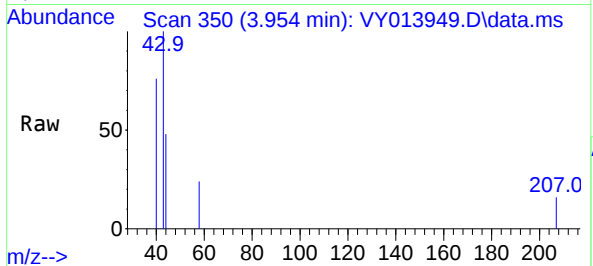




#16
Acetone
Concen: 9.904 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

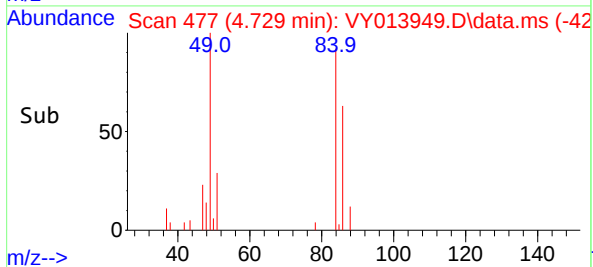
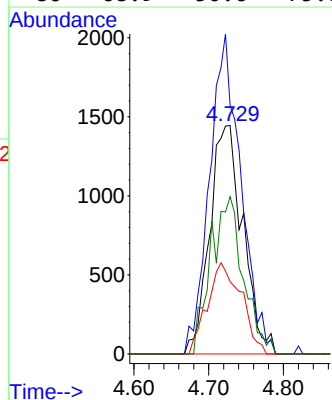
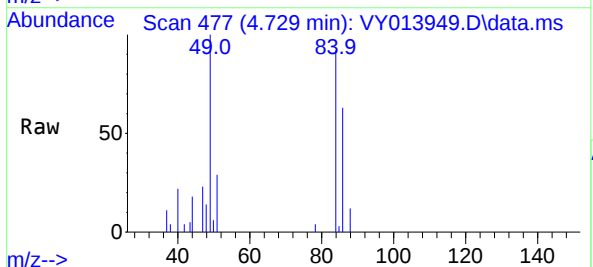
Instrument :
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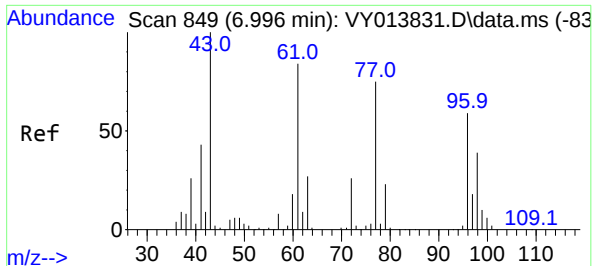
Tgt Ion: 43 Resp: 1321
Ion Ratio Lower Upper
43 100
58 24.1 23.3 34.9



#20
Methylene Chloride
Concen: 7.227 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

Tgt Ion: 84 Resp: 4445
Ion Ratio Lower Upper
84 100
49 108.7 106.2 159.2
51 31.6 31.4 47.0
86 68.9 50.6 75.8

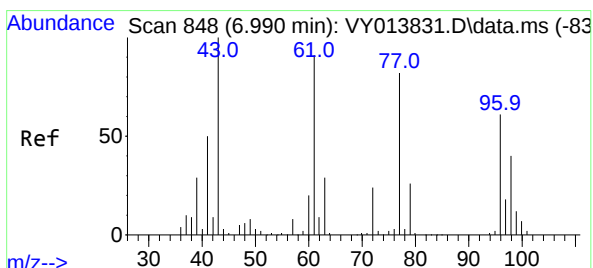
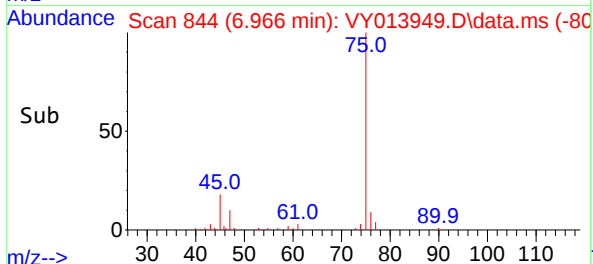
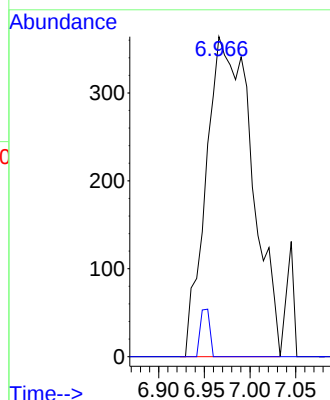
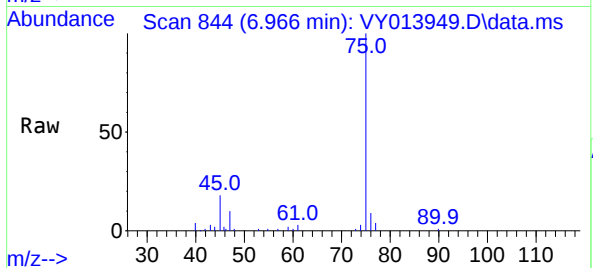




#25
2-Butanone
Concen: 7.822 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.030 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

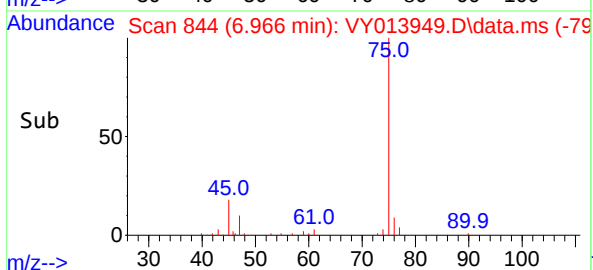
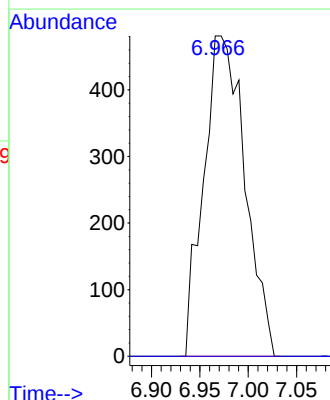
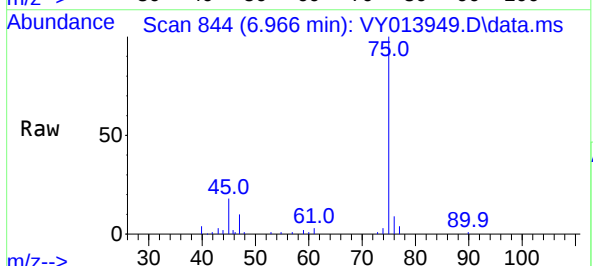
Instrument :
MSVOA_Y
ClientSampleId :
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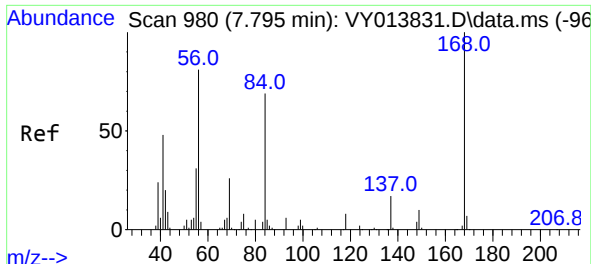
Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 2.029 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.024 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

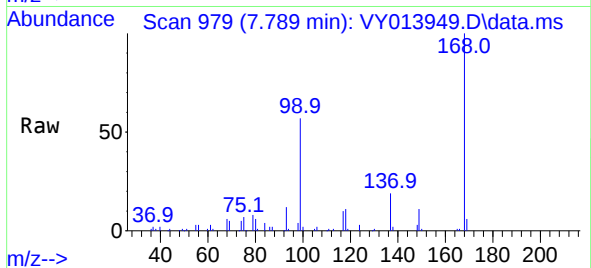
Tgt Ion: 77 Resp: 1429
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



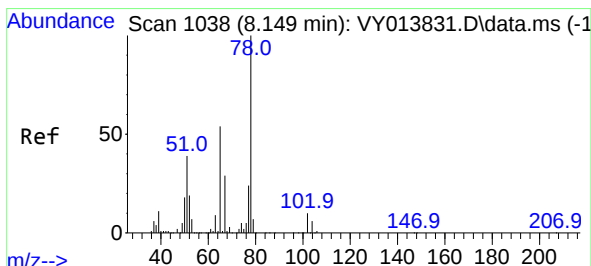
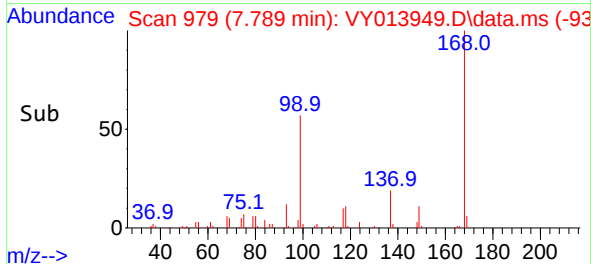
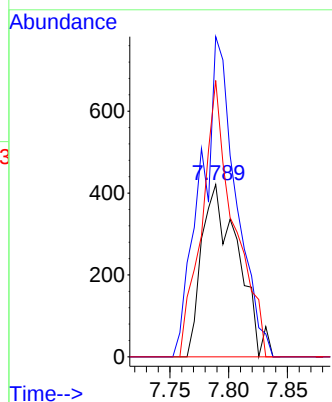


#31
Cyclohexane
Concen: 1.311 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

Instrument :
MSVOA_Y
ClientSampleId :
FOUNDATION-TEST-PIT

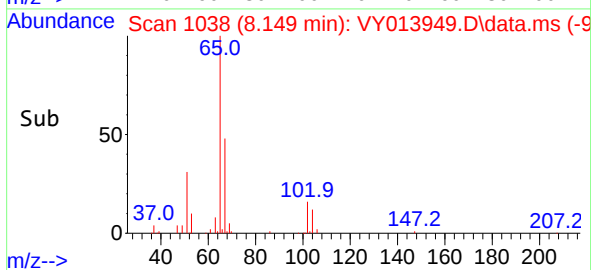
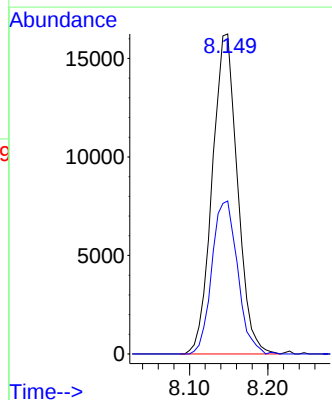
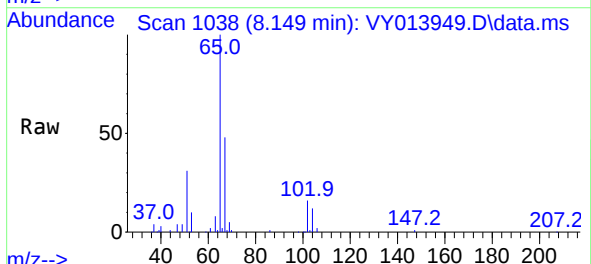


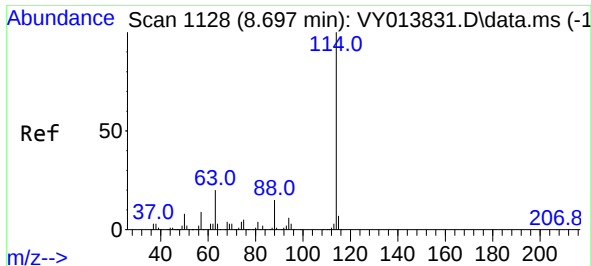
Tgt Ion: 56 Resp: 905
Ion Ratio Lower Upper
56 100
69 185.7 25.8 38.8#
84 160.3 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 81.024 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

Tgt Ion: 65 Resp: 36410
Ion Ratio Lower Upper
65 100
67 48.7 0.0 104.4

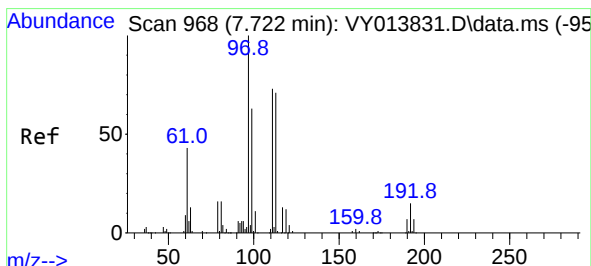
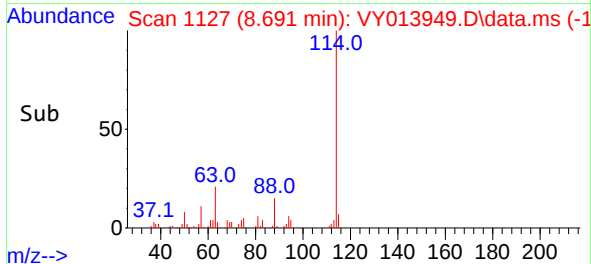
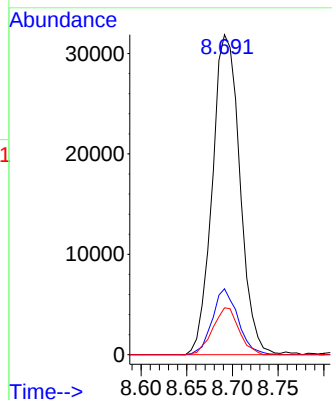
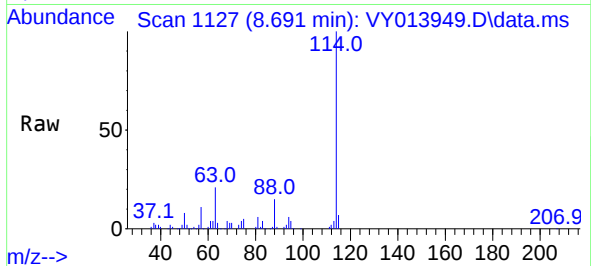




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

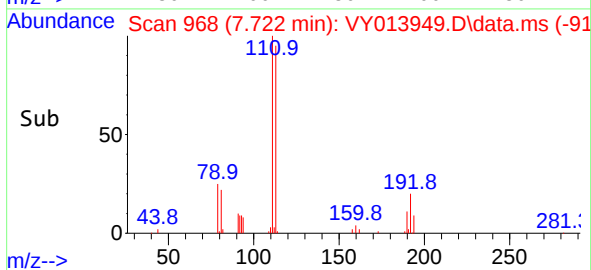
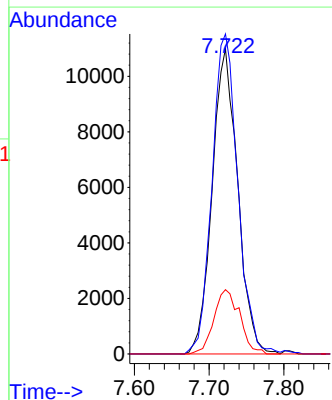
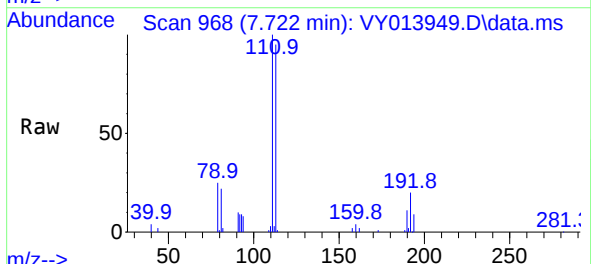
Instrument :
MSVOA_Y
ClientSampleId :
FOUNDATION-TEST-PIT

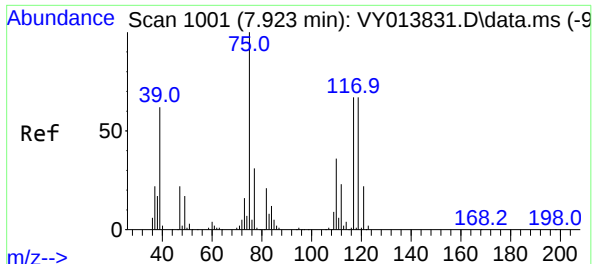
Tgt Ion:114	Resp:	66915
Ion	Ratio	Lower Upper
114	100	
63	20.6	0.0 40.2
88	14.7	0.0 30.0



#35
Dibromofluoromethane
Concen: 60.413 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

Tgt Ion:113	Resp:	26107
Ion	Ratio	Lower Upper
113	100	
111	105.4	80.4 120.6
192	21.3	16.6 25.0

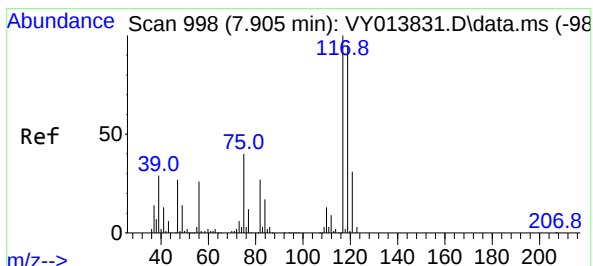
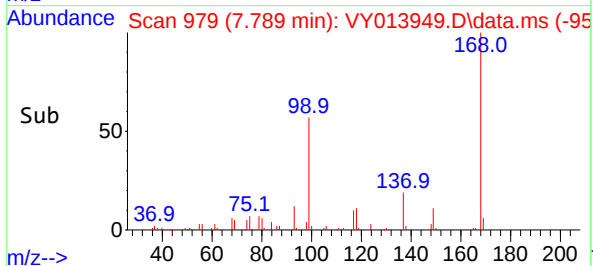
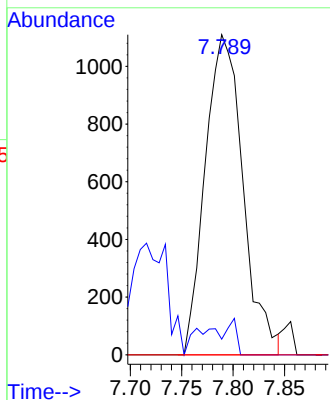
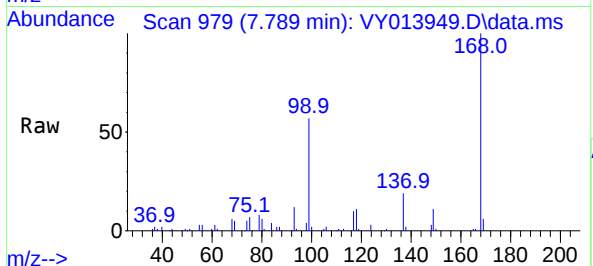




#36
1,1-Dichloropropene
Concen: 4.298 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

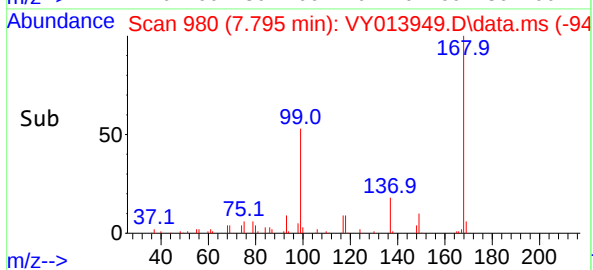
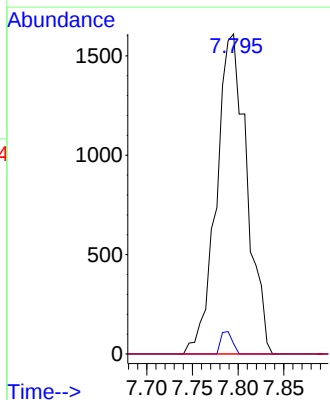
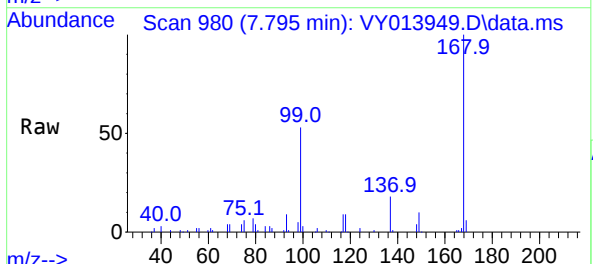
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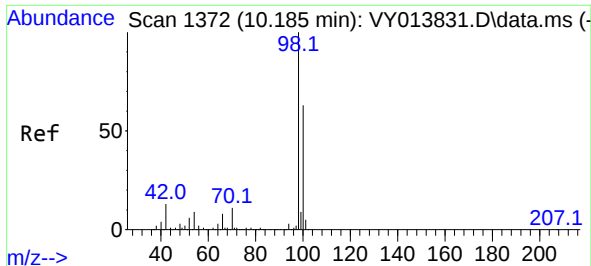
Tgt Ion: 75 Resp: 2829
Ion Ratio Lower Upper
75 100
110 0.0 17.5 52.6#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.972 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

Tgt Ion: 117 Resp: 3722
Ion Ratio Lower Upper
117 100
119 3.3 75.6 113.4#
121 0.0 24.8 37.2#

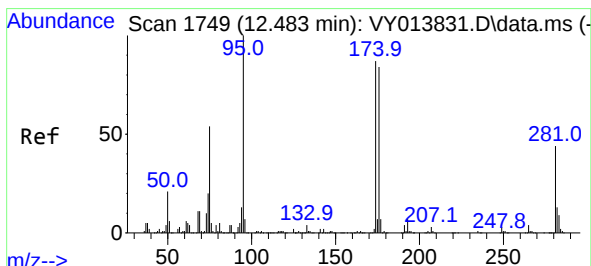
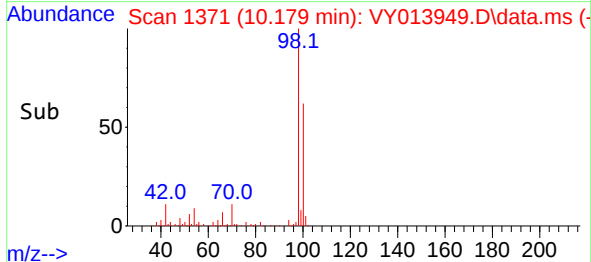
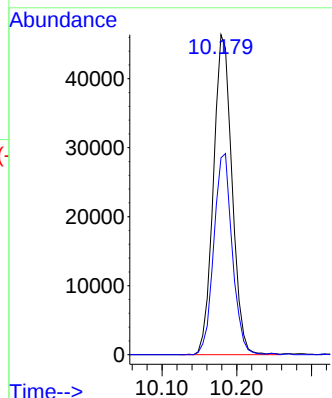
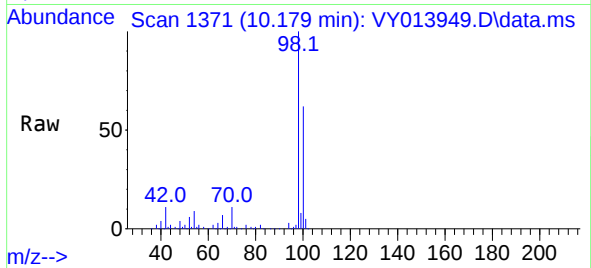




#50
Toluene-d8
Concen: 48.862 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

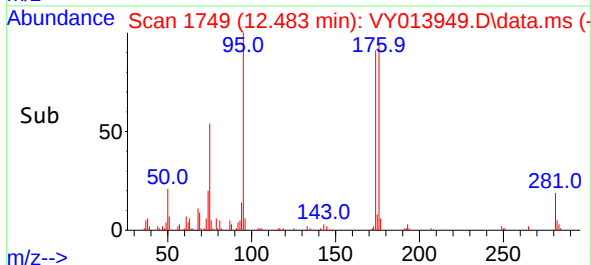
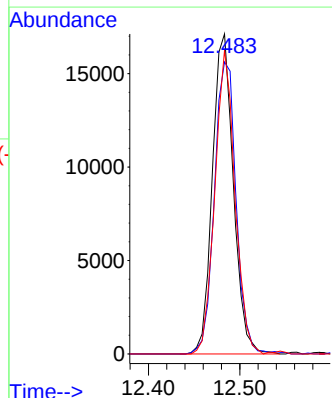
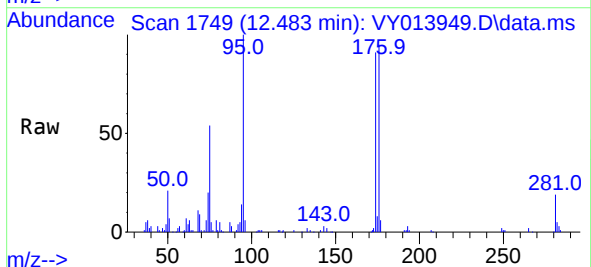
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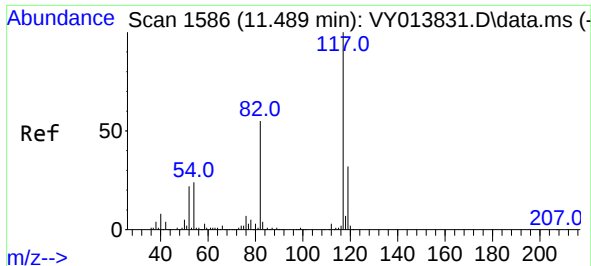
Tgt Ion: 98 Resp: 80253
Ion Ratio Lower Upper
98 100
100 62.2 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 49.884 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

Tgt Ion: 95 Resp: 27234
Ion Ratio Lower Upper
95 100
174 94.8 0.0 176.0
176 91.0 0.0 170.2

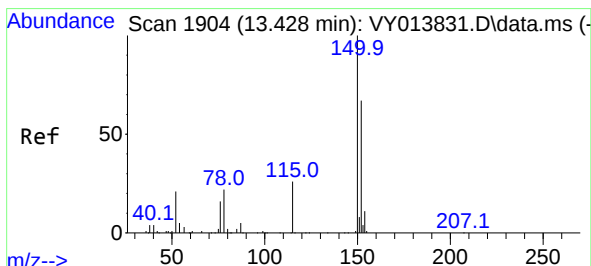
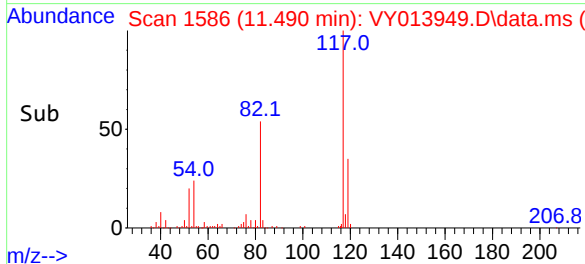
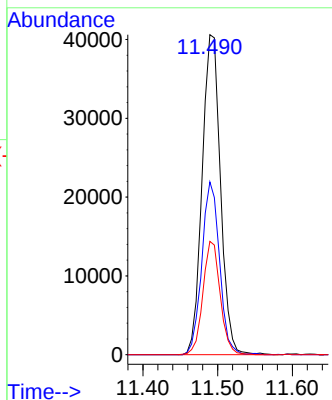
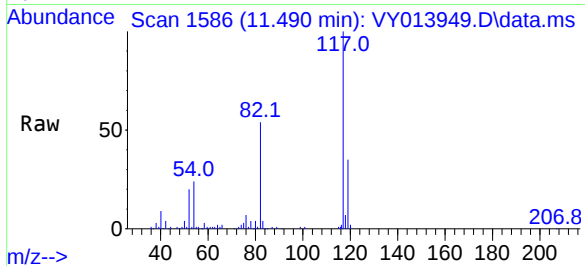




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

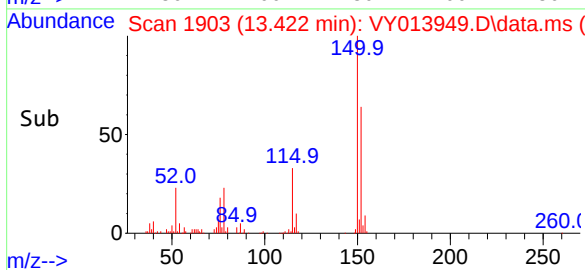
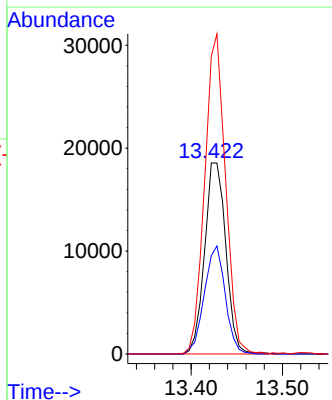
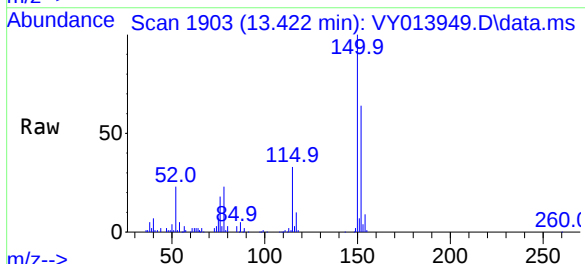
Instrument :
MSVOA_Y
ClientSampleId :
FOUNDATION-TEST-PIT

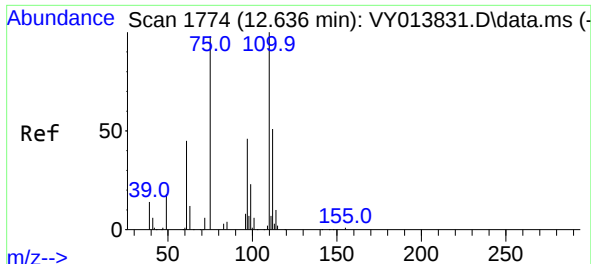
Tgt Ion:117	Resp:	69354
Ion Ratio	Lower	Upper
117	100	
82	54.0	44.2 66.4
119	35.4	25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

Tgt Ion:152	Resp:	29986
Ion Ratio	Lower	Upper
152	100	
115	55.6	28.8 86.5
150	163.2	0.0 353.4

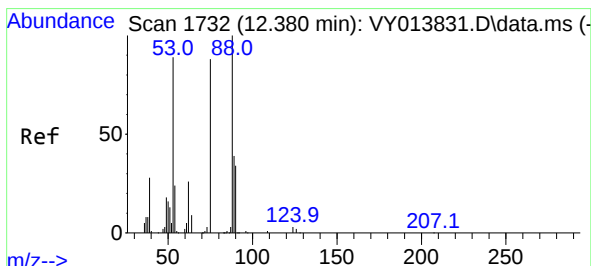
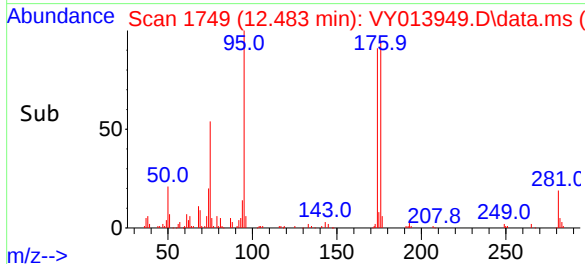
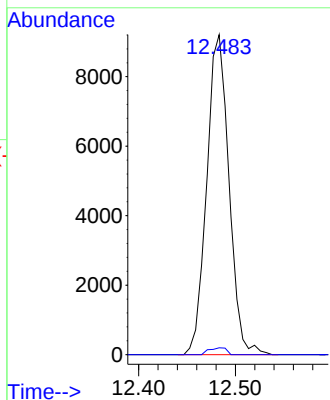
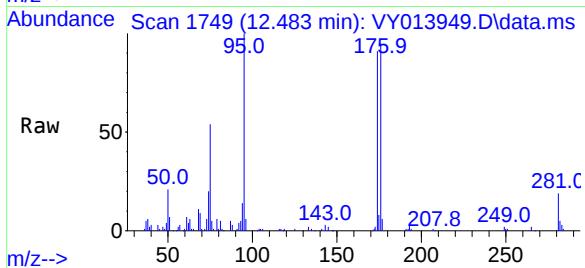




#76
1,2,3-Trichloropropane
Concen: 41.606 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

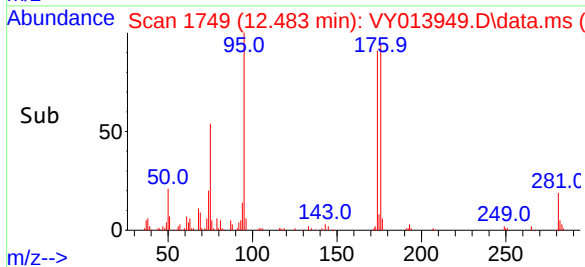
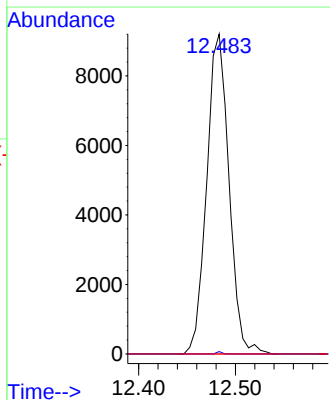
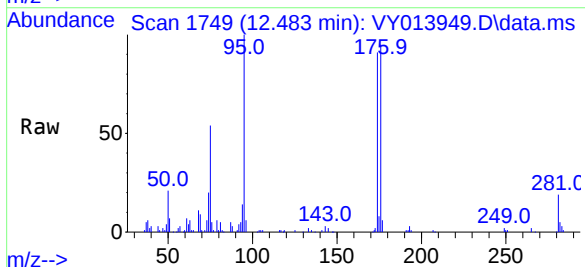
Instrument :
MSVOA_Y
ClientSampleId :
FOUNDATION-TEST-PIT

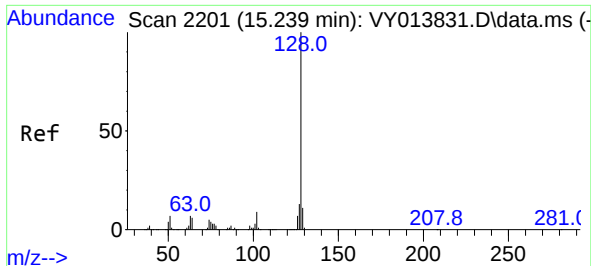
Tgt Ion: 75 Resp: 14711
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.314 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

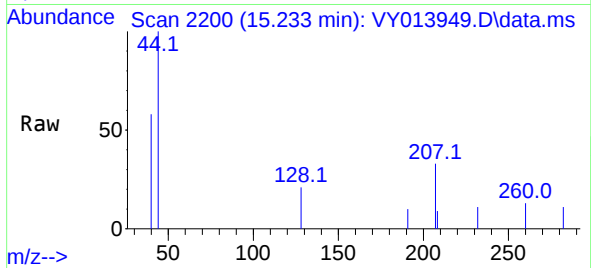
Tgt Ion: 75 Resp: 14711
Ion Ratio Lower Upper
75 100
53 0.2 79.7 119.5#
89 0.0 36.4 54.6#





#95
Naphthalene
Concen: 4.674 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

Instrument :
MSVOA_Y
ClientSampleId :
FOUNDATION-TEST-PIT



Tgt Ion:128 Resp: 177
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#

