

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013267.D
 Acq On : 12 Apr 2023 15:15
 Operator : KP/MD
 Sample : VY0412SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBL01

Quant Time: Apr 13 06:14:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	225877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	376143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	331263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	149950	55.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.480%
35) Dibromofluoromethane	7.716	113	123093	50.549	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.100%
50) Toluene-d8	10.179	98	440161	48.562	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.477	95	137587	46.719	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.440%

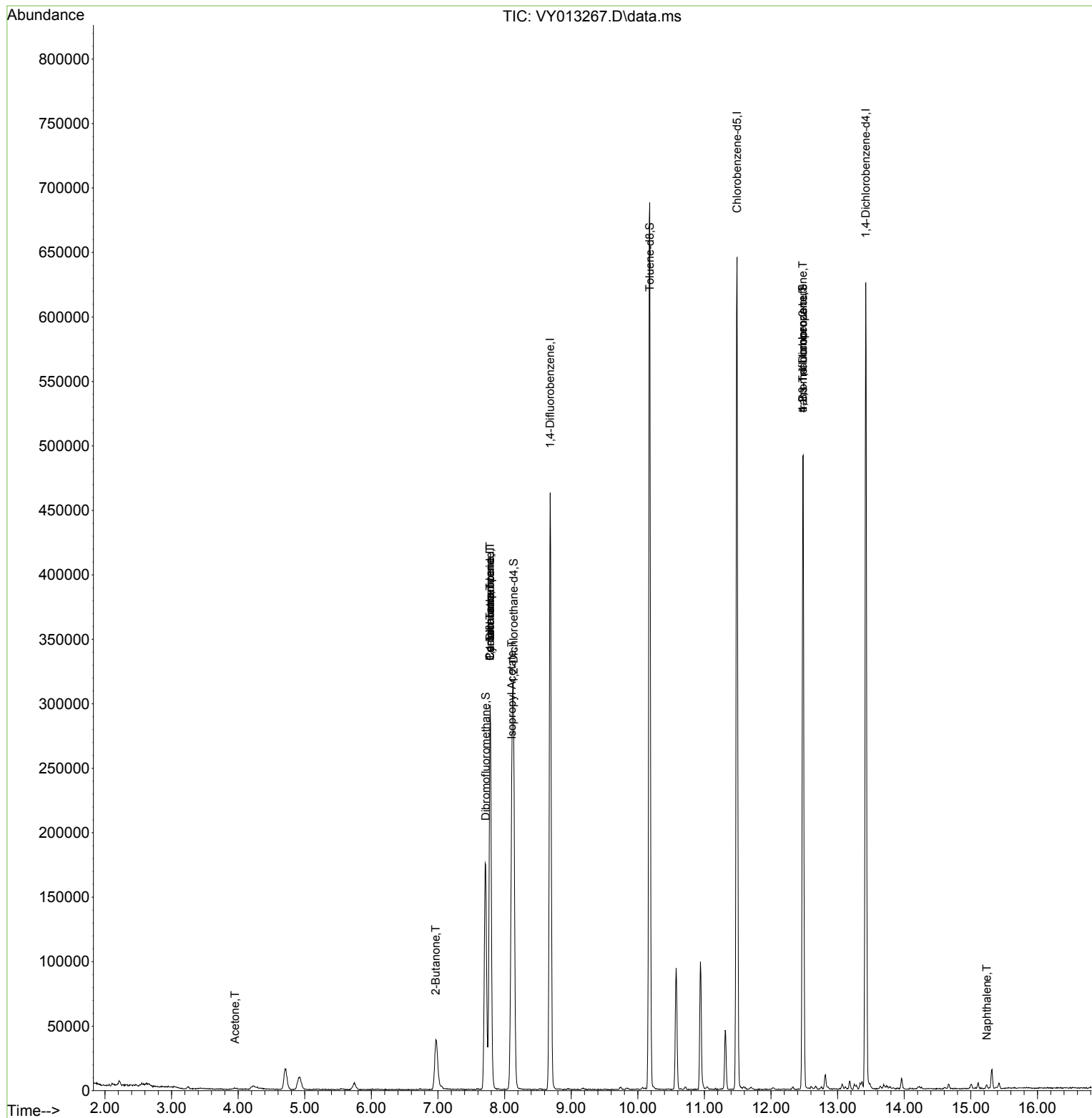
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.930	59	10205	Below Cal	#	74
16) Acetone	3.954	43	2296	2.460	ug/l #	78
25) 2-Butanone	6.966	43	1755	1.469	ug/l #	78
31) Cyclohexane	7.783	56	5418	1.320	ug/l #	34
36) 1,1-Dichloropropene	7.783	75	18063	4.896	ug/l #	49
38) Carbon Tetrachloride	7.783	117	22628	5.547	ug/l #	16
43) Isopropyl Acetate	8.106	43	6978	1.413	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	76316	39.263	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	76316	81.491	ug/l #	13
95) Naphthalene	15.239	128	2402	3.533	ug/l #	93

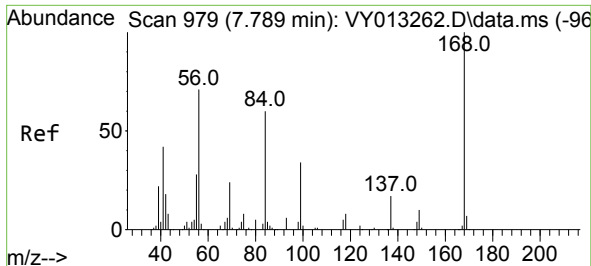
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
Data File : VY013267.D
Acq On : 12 Apr 2023 15:15
Operator : KP/MD
Sample : VY0412SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

Quant Time: Apr 13 06:14:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

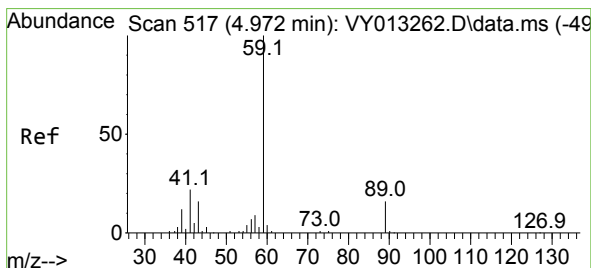
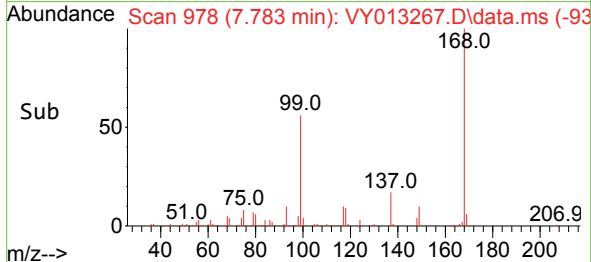
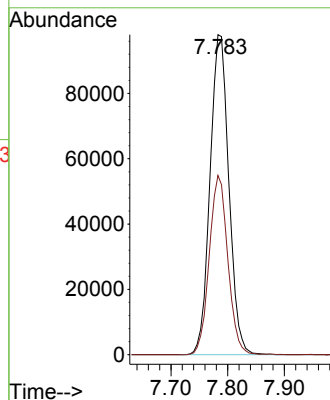
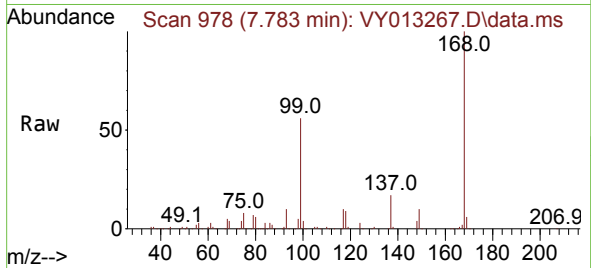




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

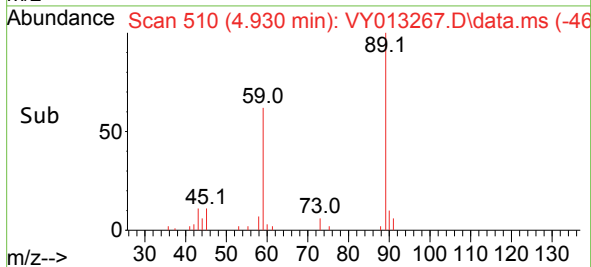
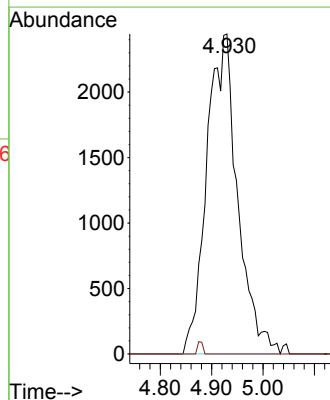
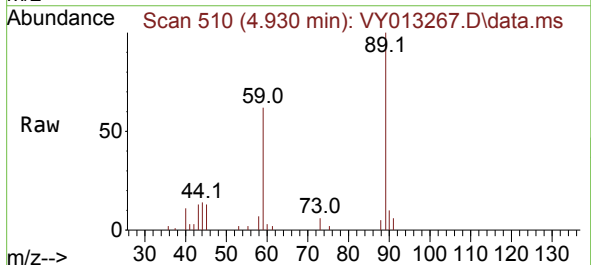
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

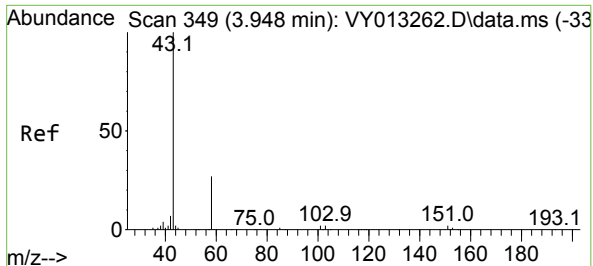
Tgt Ion:168 Resp: 225877
Ion Ratio Lower Upper
168 100
99 56.0 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.042 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

Tgt Ion: 59 Resp: 10205
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

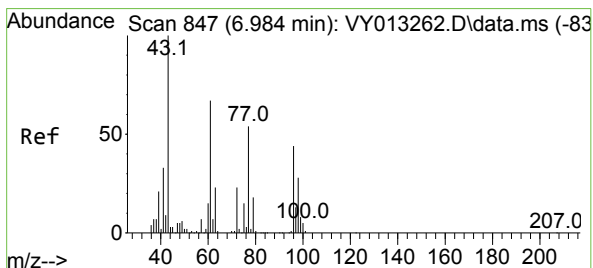
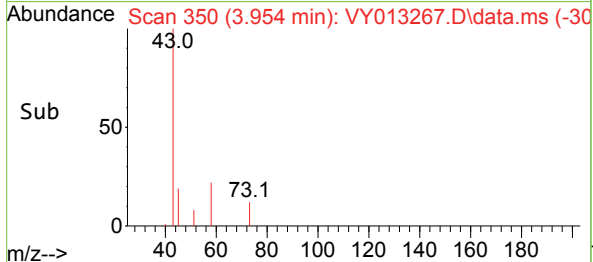
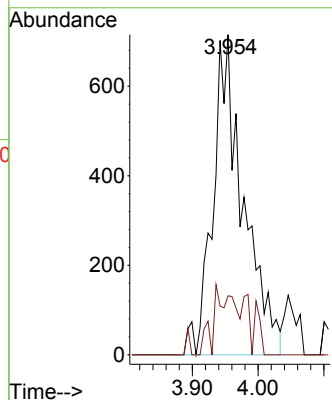
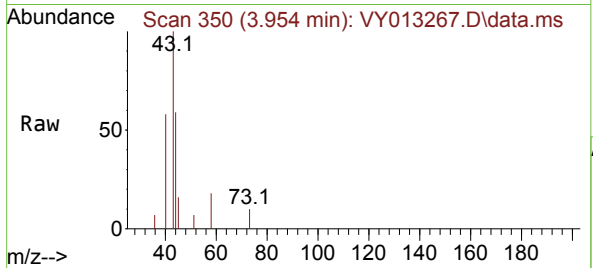




#16
Acetone
Concen: 2.460 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

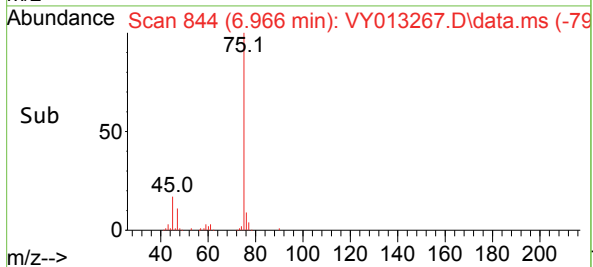
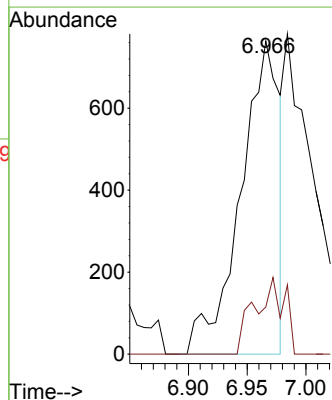
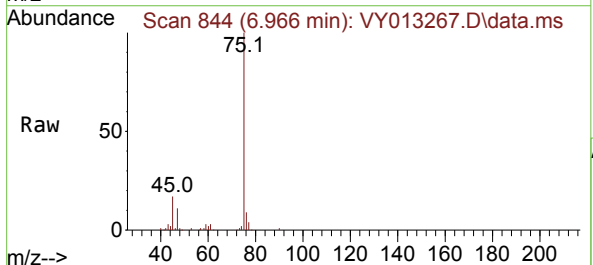
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

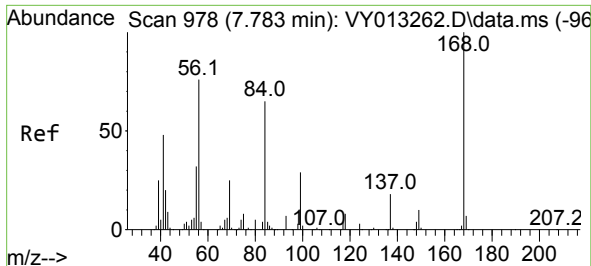
Tgt Ion: 43 Resp: 2296
Ion Ratio Lower Upper
43 100
58 18.5 24.2 36.2#



#25
2-Butanone
Concen: 1.469 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

Tgt Ion: 43 Resp: 1755
Ion Ratio Lower Upper
43 100
72 15.1 21.0 31.4#

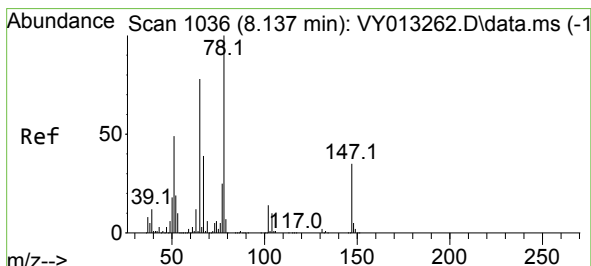
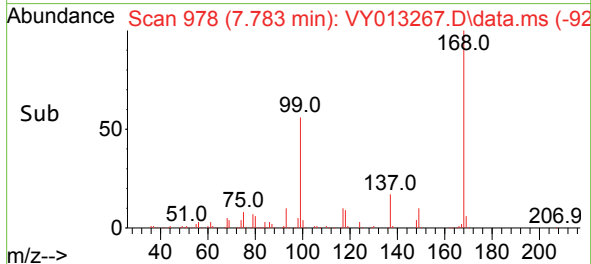
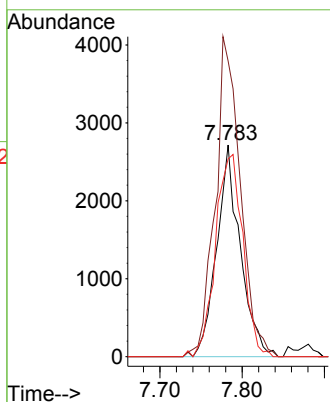
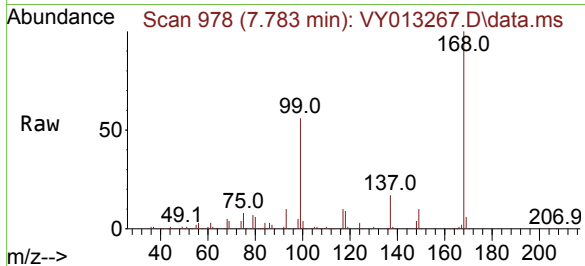




#31
Cyclohexane
Concen: 1.320 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

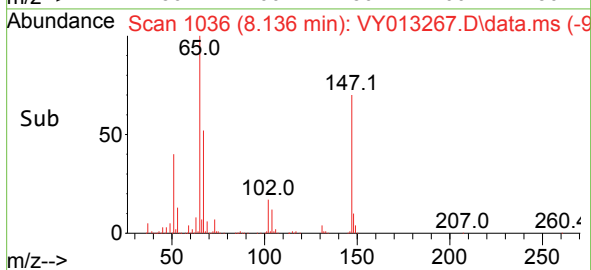
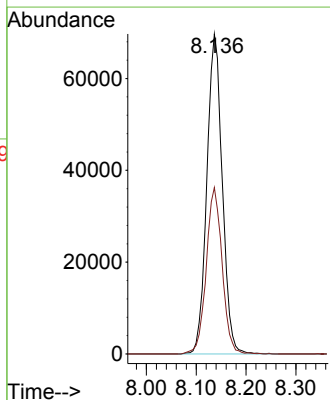
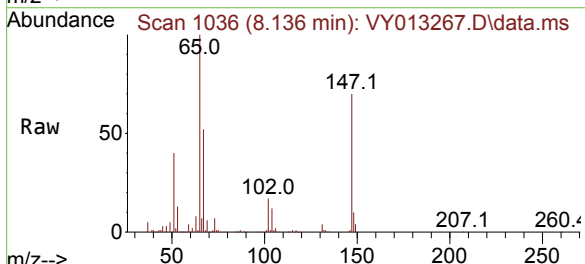
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

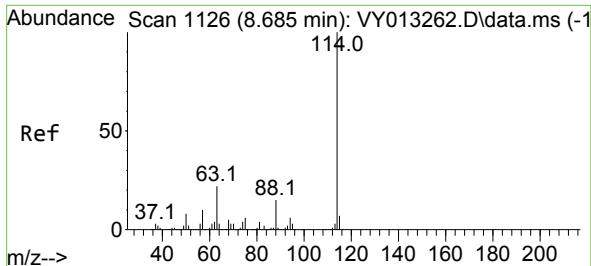
Tgt Ion: 56 Resp: 5418
Ion Ratio Lower Upper
56 100
69 139.7 25.7 38.5#
84 93.4 64.3 96.5



#33
1,2-Dichloroethane-d4
Concen: 55.240 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

Tgt Ion: 65 Resp: 149950
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.0

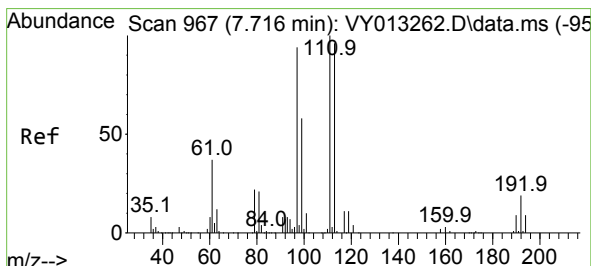
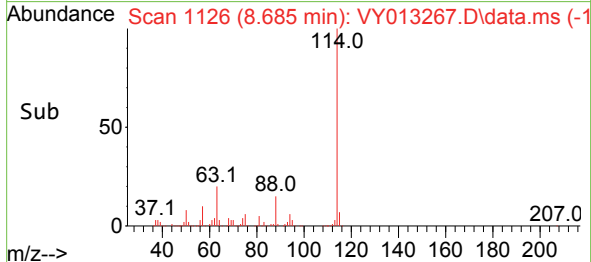
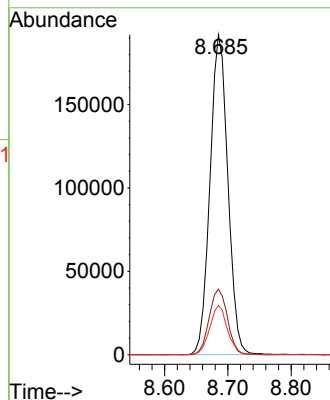
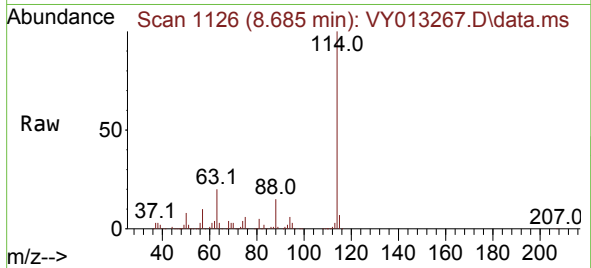




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

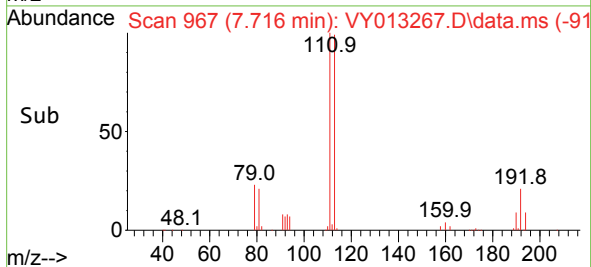
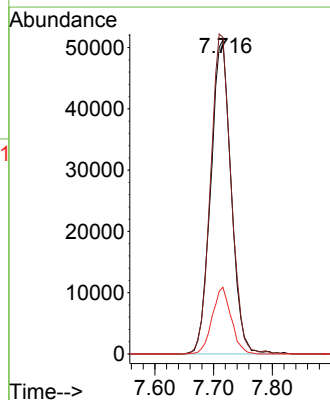
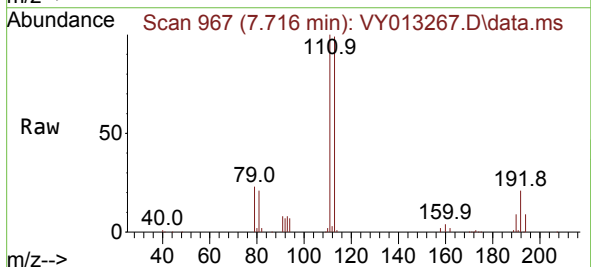
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

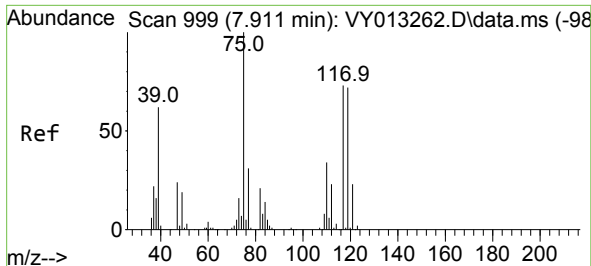
Tgt Ion:114 Resp: 376143
Ion Ratio Lower Upper
114 100
63 20.5 0.0 37.4
88 15.4 0.0 28.6



#35
Dibromofluoromethane
Concen: 50.549 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

Tgt Ion:113 Resp: 123093
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.8 16.8 25.2

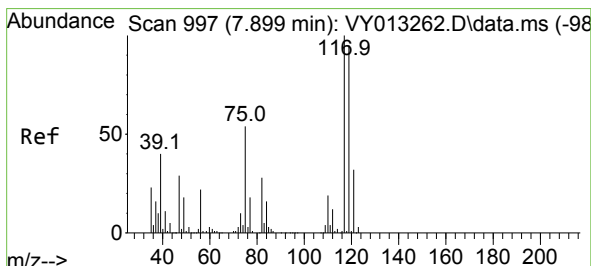
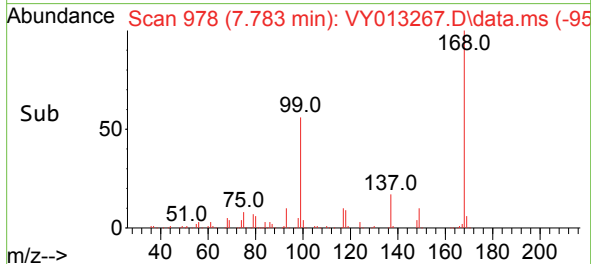
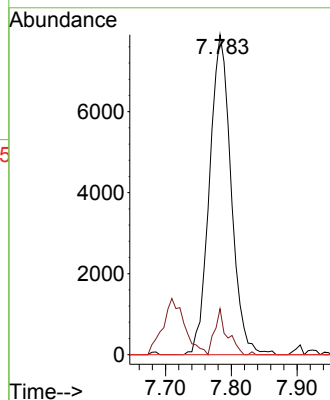
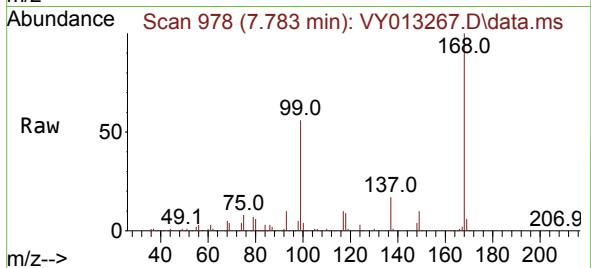




#36
1,1-Dichloropropene
Concen: 4.896 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

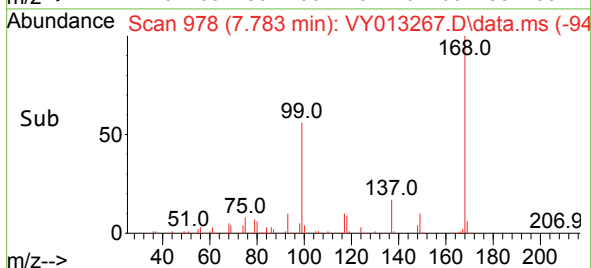
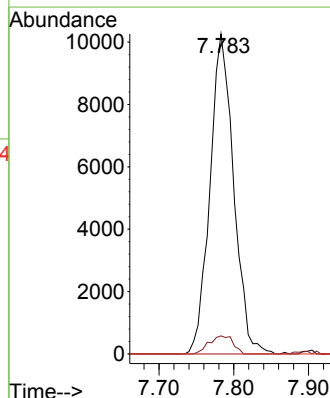
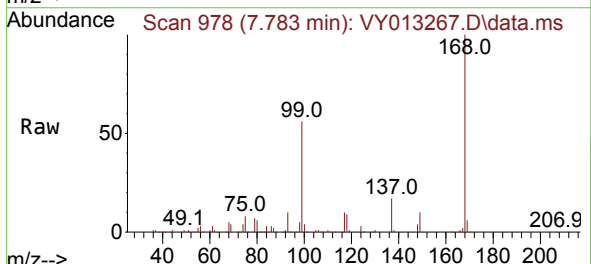
Instrument :
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ClientSampleId :
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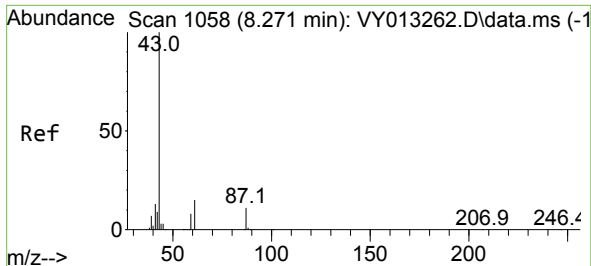
Tgt Ion: 75 Resp: 18063
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.547 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

Tgt Ion: 117 Resp: 22628
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 24.7 37.1#

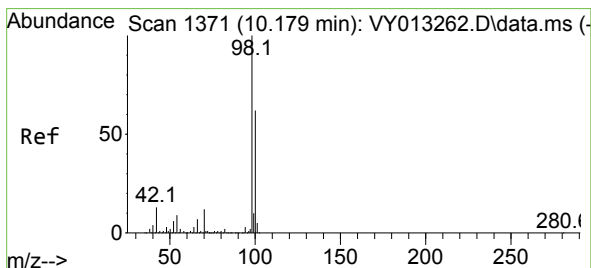
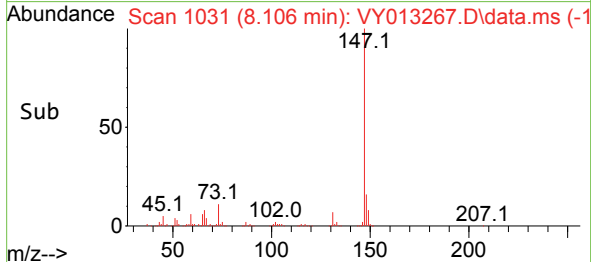
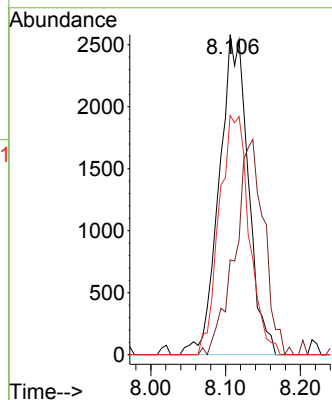
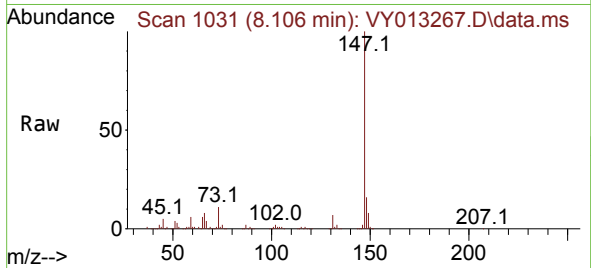




#43
Isopropyl Acetate
Concen: 1.413 ug/l
RT: 8.106 min Scan# 1031
Delta R.T. -0.165 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

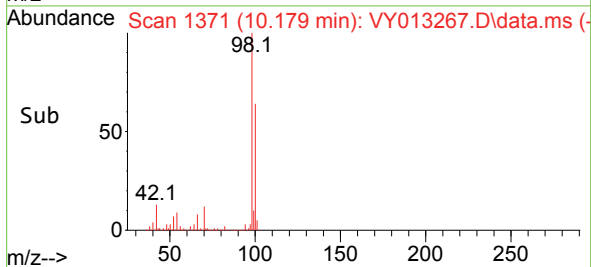
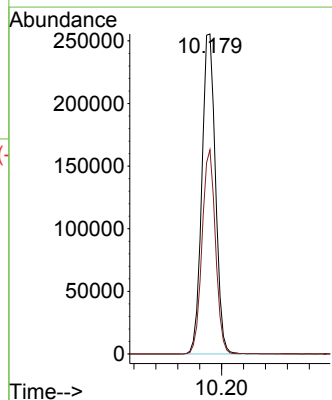
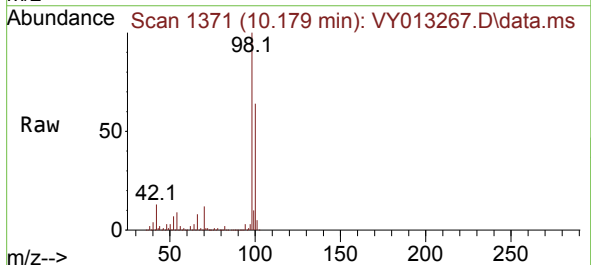
Instrument :
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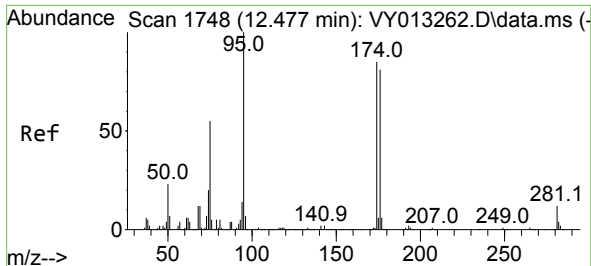
Tgt Ion: 43 Resp: 6978
Ion Ratio Lower Upper
43 100
61 0.0 21.6 32.4#
87 77.1 9.9 14.9#



#50
Toluene-d8
Concen: 48.562 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

Tgt Ion: 98 Resp: 440161
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3

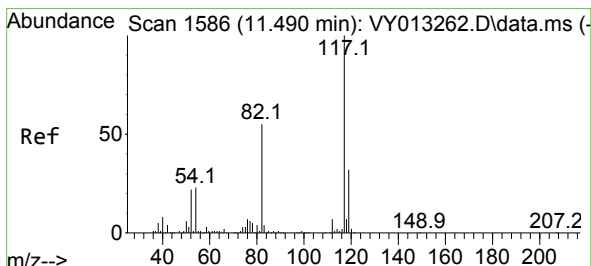
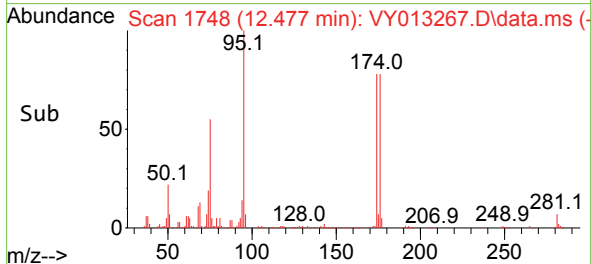
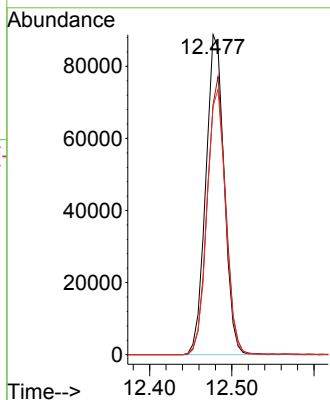
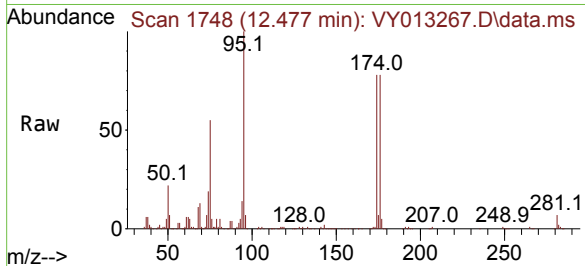




#62
4-Bromofluorobenzene
Concen: 46.719 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

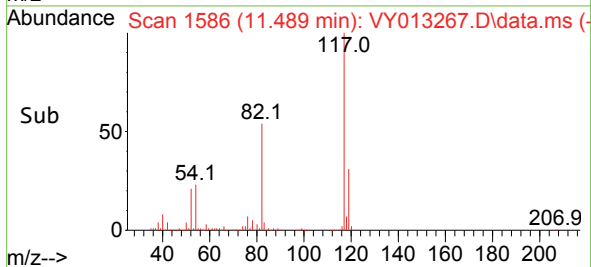
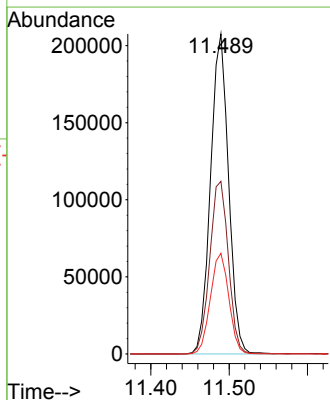
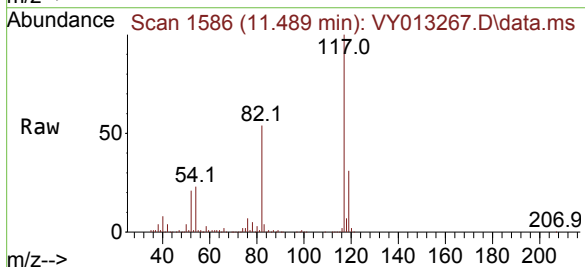
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

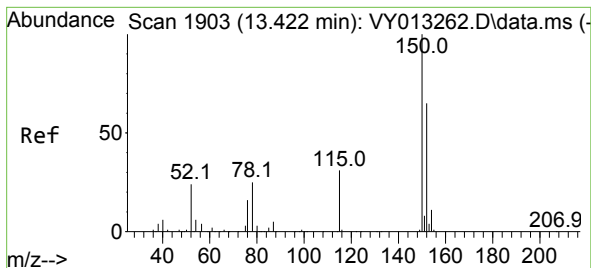
Tgt Ion: 95 Resp: 137587
Ion Ratio Lower Upper
95 100
174 87.1 0.0 176.6
176 84.2 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

Tgt Ion: 117 Resp: 331263
Ion Ratio Lower Upper
117 100
82 53.9 45.4 68.0
119 31.5 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013267.D

Acq: 12 Apr 2023 15:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBL01

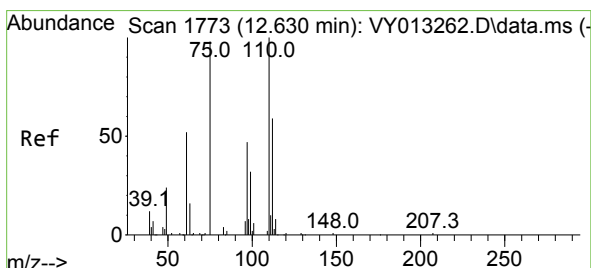
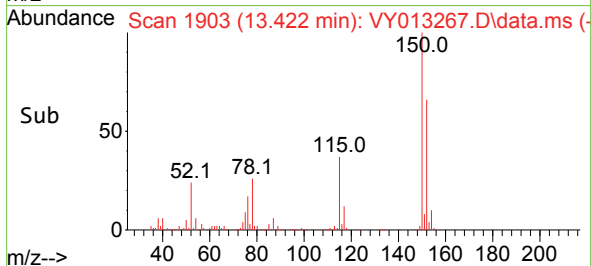
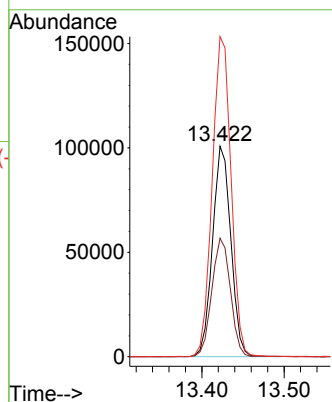
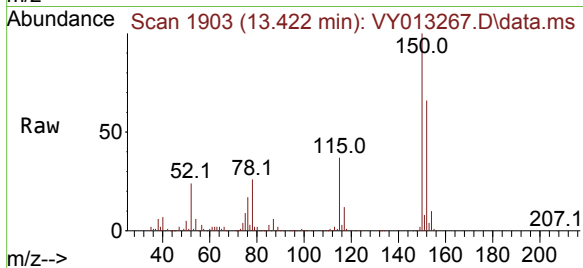
Tgt Ion:152 Resp: 155985

Ion Ratio Lower Upper

152 100

115 57.2 27.1 81.3

150 156.4 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 39.263 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY013267.D

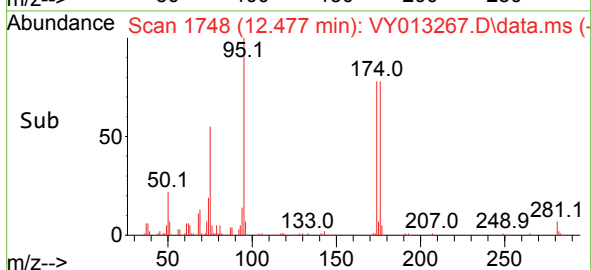
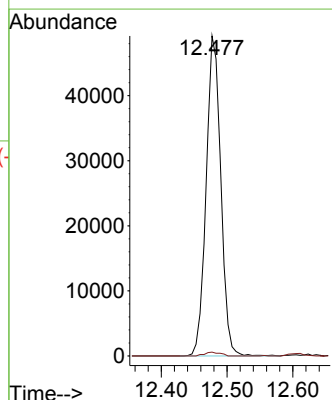
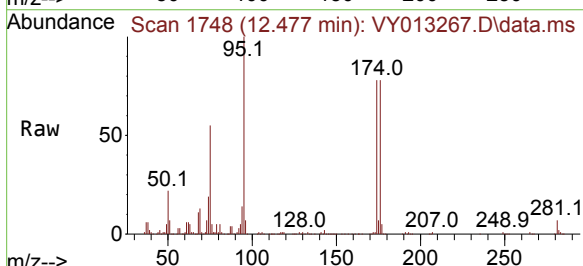
Acq: 12 Apr 2023 15:15

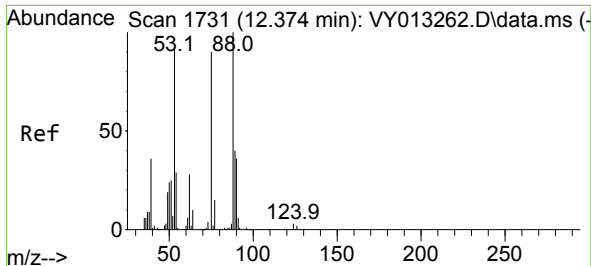
Tgt Ion: 75 Resp: 76316

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

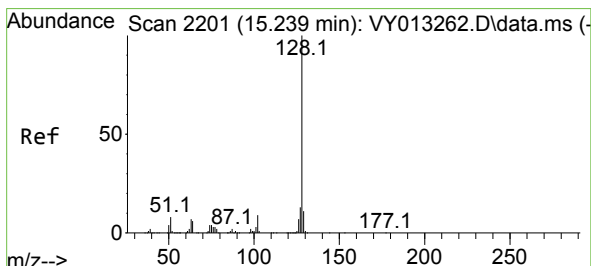
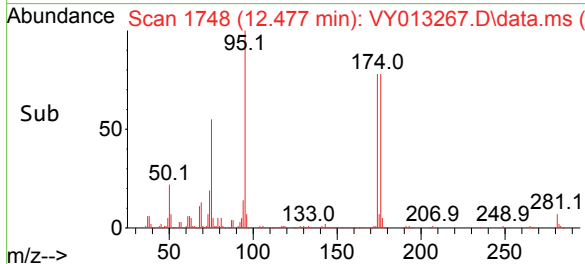
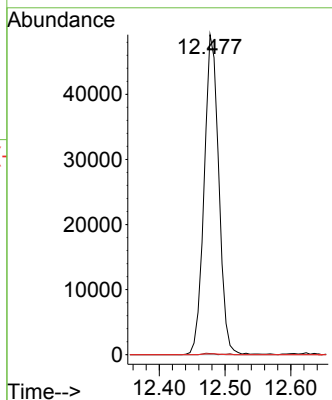
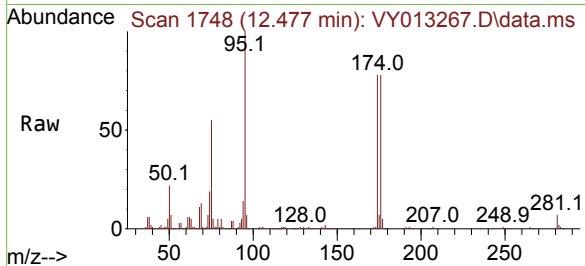




#81
trans-1,4-Dichloro-2-butene
Concen: 81.491 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

Tgt Ion: 75 Resp: 76316
Ion Ratio Lower Upper
75 100
53 0.3 73.4 110.0#
89 0.3 36.6 55.0#



#95
Naphthalene
Concen: 3.533 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013267.D
Acq: 12 Apr 2023 15:15

Tgt Ion:128 Resp: 2402
Ion Ratio Lower Upper
128 100
127 8.2 10.3 15.5#
129 10.4 8.6 13.0

