

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013870.D
 Acq On : 25 May 2023 14:03
 Operator : KP/MD
 Sample : 02870-01
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP21

Quant Time: May 26 04:33:21 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	7.789	168	134336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	222135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97022	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89607	57.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.320%
35) Dibromofluoromethane	7.716	113	77626	52.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.620%
50) Toluene-d8	10.179	98	281620	50.409	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.483	95	85338	45.954	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.900%

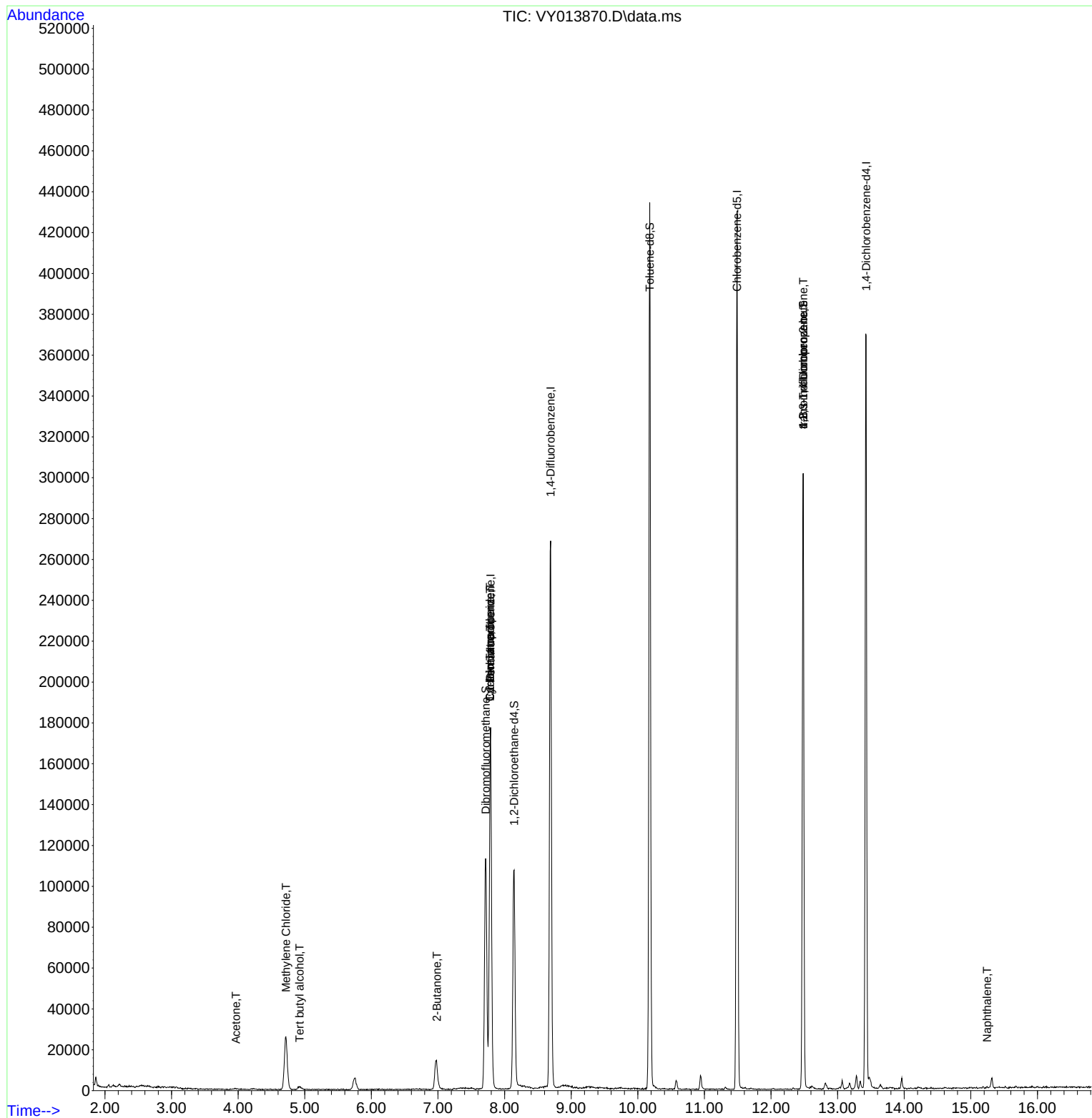
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.924	59	1557	13.078	ug/l #	73
16) Acetone	3.966	43	993	2.153	ug/l	93
20) Methylene Chloride	4.716	84	19351	9.789	ug/l	90
25) 2-Butanone	6.984	43	1040	1.848	ug/l #	49
31) Cyclohexane	7.783	56	2911	1.219	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10423	4.655	ug/l #	49
38) Carbon Tetrachloride	7.783	117	13672	5.370	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	46415	40.572	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46415	88.069	ug/l #	10
95) Naphthalene	15.245	128	430	4.643	ug/l #	81

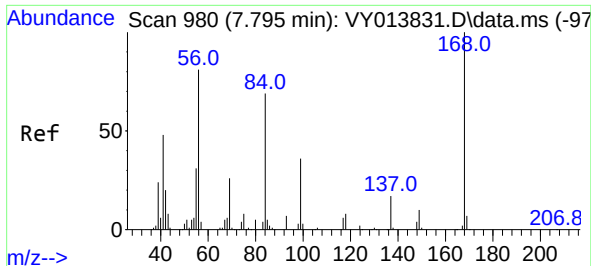
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
Data File : VY013870.D
Acq On : 25 May 2023 14:03
Operator : KP/MD
Sample : 02870-01
Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP21

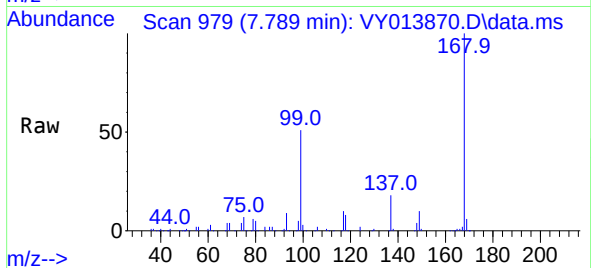
Quant Time: May 26 04:33:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration



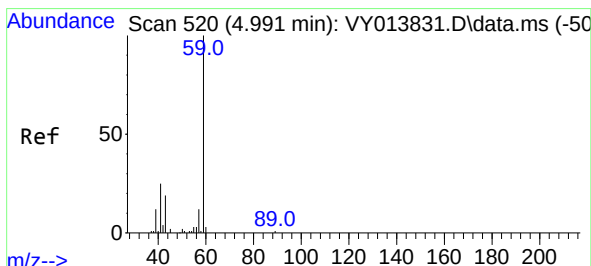
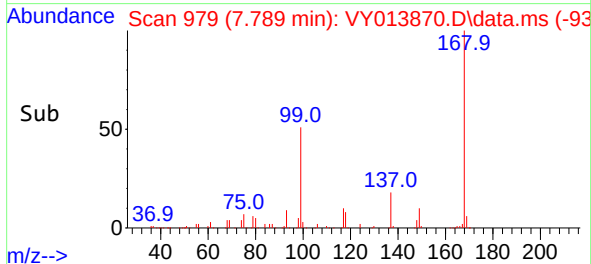
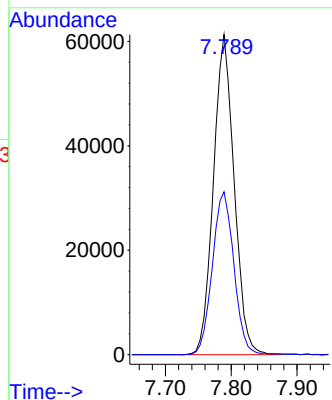


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
TP21

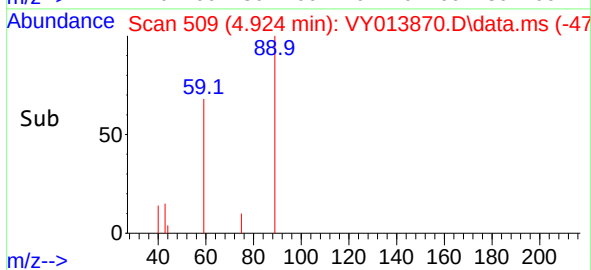
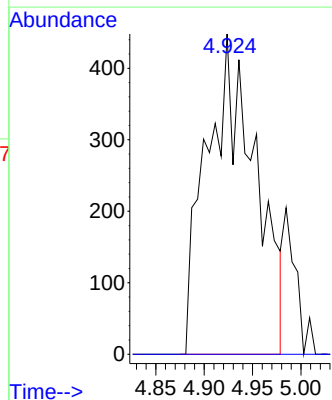
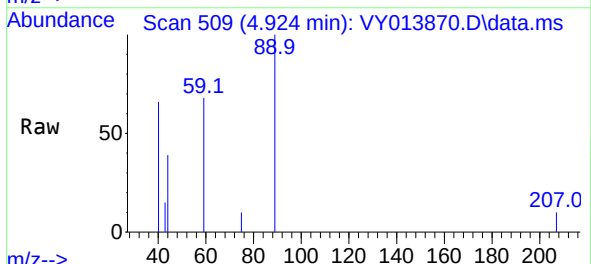


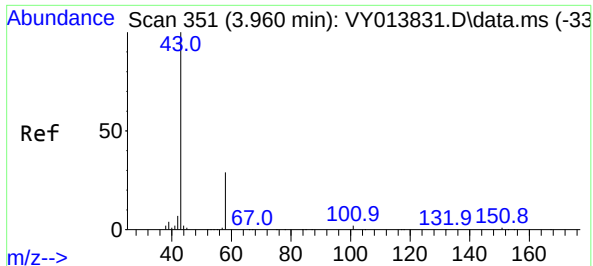
Tgt Ion:168 Resp: 134336
Ion Ratio Lower Upper
168 100
99 50.9 43.4 65.2



#11
Tert butyl alcohol
Concen: 13.078 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.067 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

Tgt Ion: 59 Resp: 1557
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

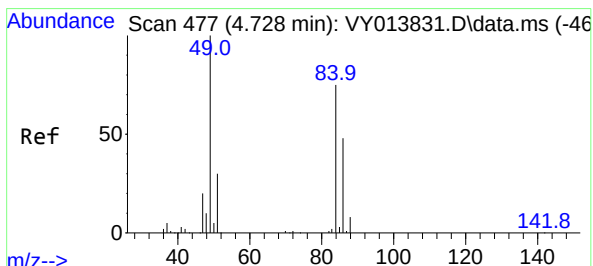
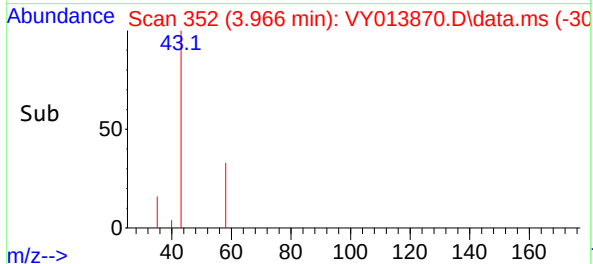
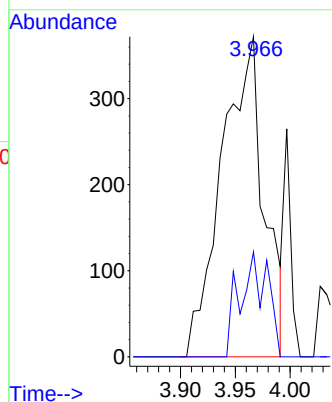
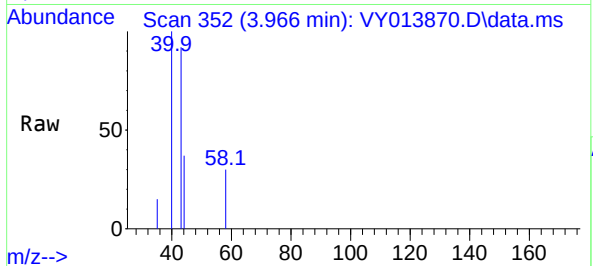




#16
Acetone
Concen: 2.153 ug/l
RT: 3.966 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

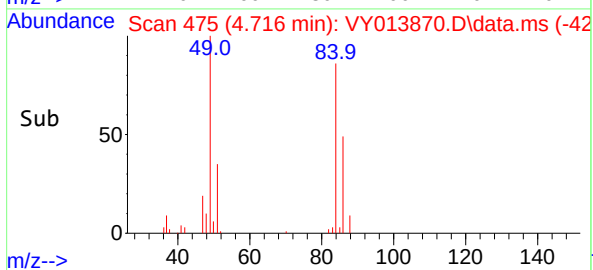
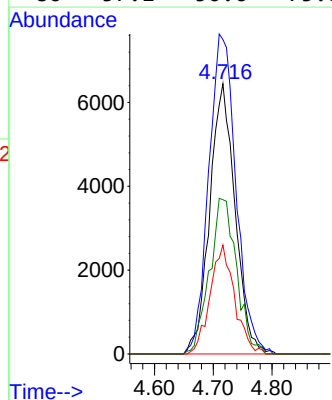
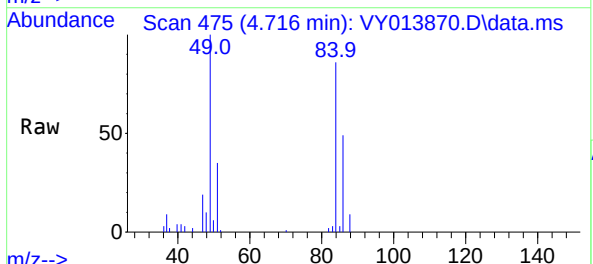
Instrument :
MSVOA_Y
ClientSampleId :
TP21

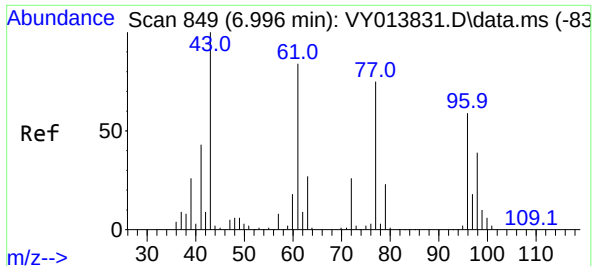
Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
58 32.8 23.3 34.9



#20
Methylene Chloride
Concen: 9.789 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

Tgt Ion: 84 Resp: 19351
Ion Ratio Lower Upper
84 100
49 116.4 106.2 159.2
51 40.3 31.4 47.0
86 57.1 50.6 75.8

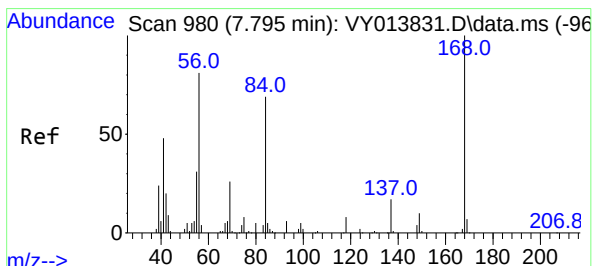
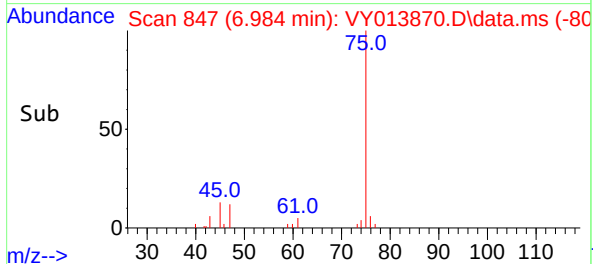
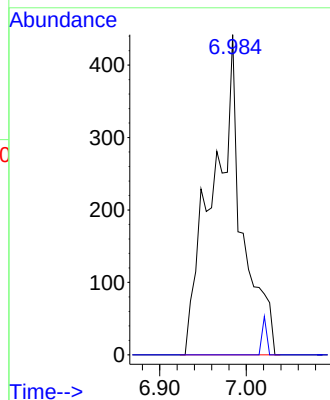
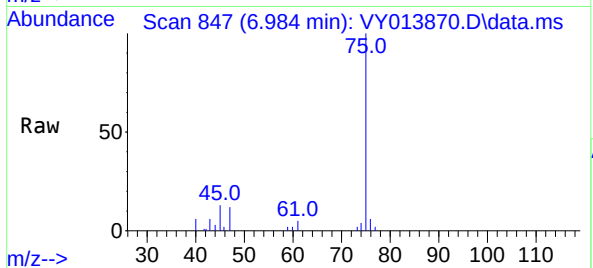




#25
2-Butanone
Concen: 1.848 ug/l
RT: 6.984 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

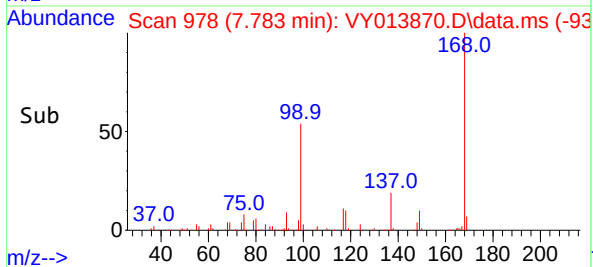
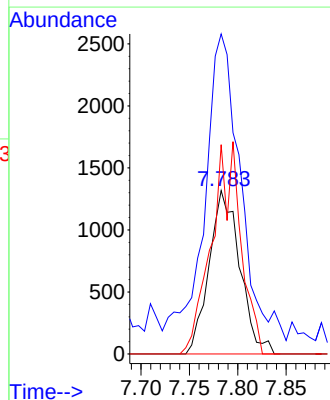
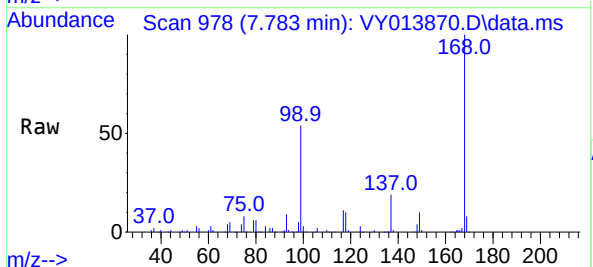
Instrument :
MSVOA_Y
ClientSampleId :
TP21

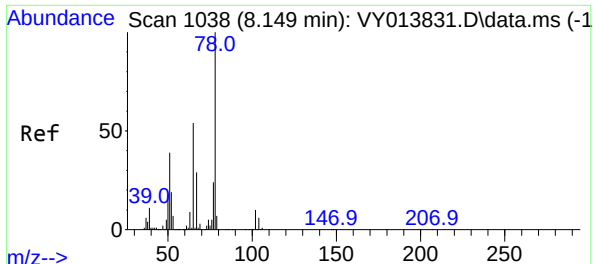
Tgt Ion: 43 Resp: 1040
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.219 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.012 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

Tgt Ion: 56 Resp: 2911
Ion Ratio Lower Upper
56 100
69 178.3 25.8 38.8#
84 128.1 68.2 102.2#

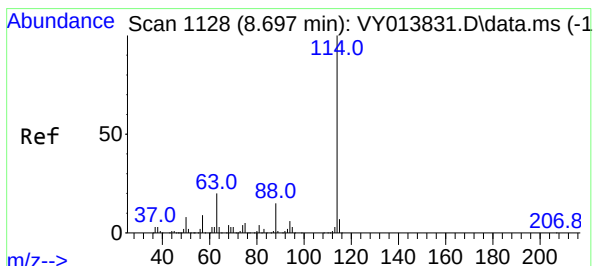
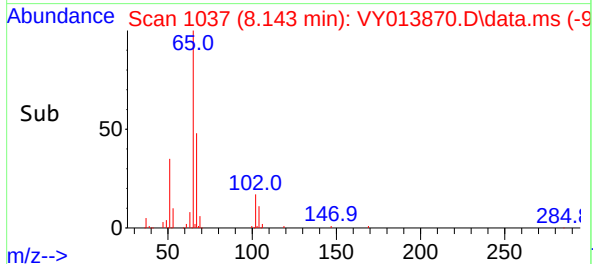
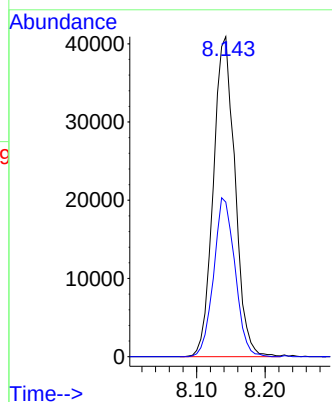
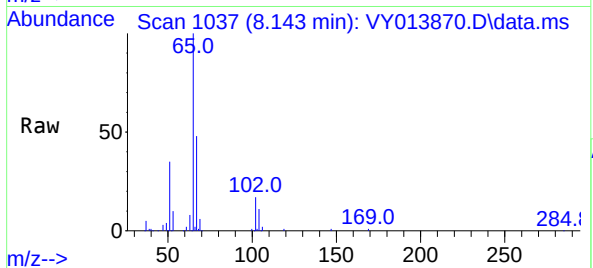




#33
1,2-Dichloroethane-d4
Concen: 57.657 ug/l
RT: 8.143 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

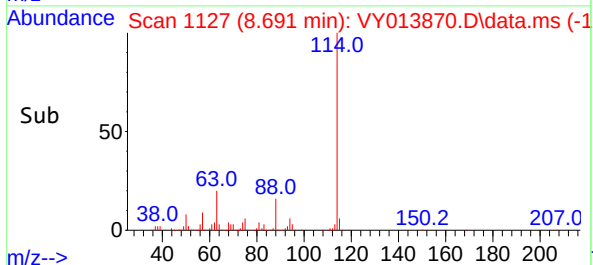
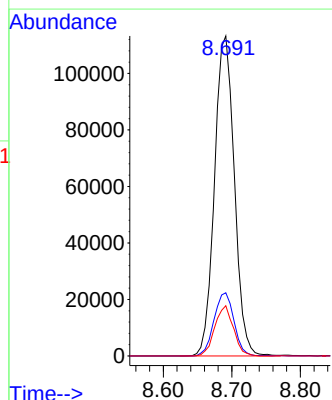
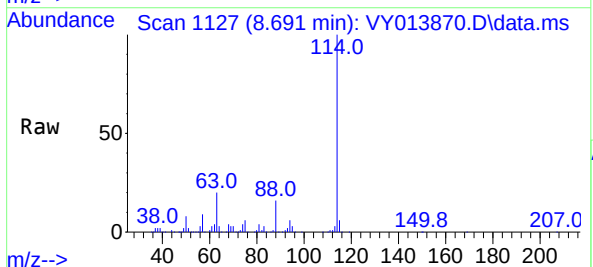
Instrument :
MSVOA_Y
ClientSampleId :
TP21

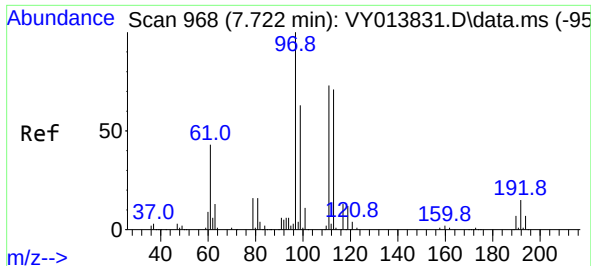
Tgt Ion: 65 Resp: 89607
Ion Ratio Lower Upper
65 100
67 48.9 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

Tgt Ion: 114 Resp: 227612
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.2
88 15.7 0.0 30.0

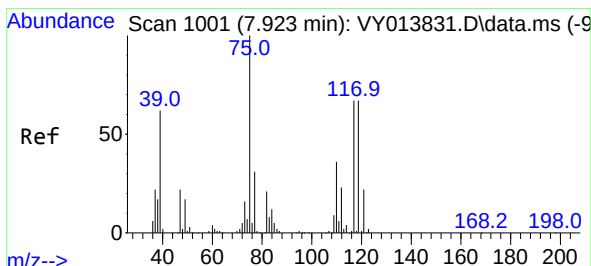
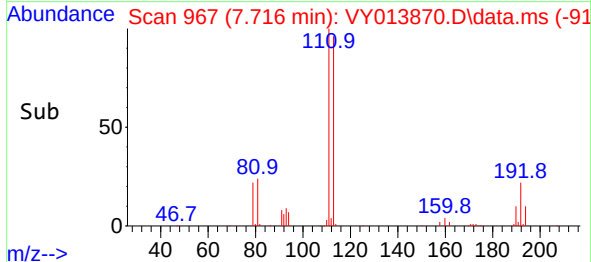
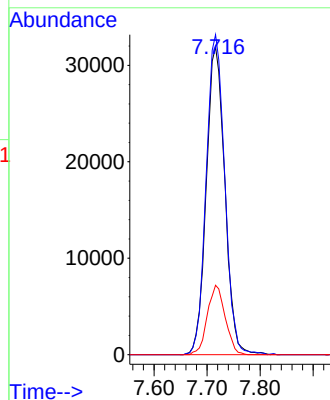
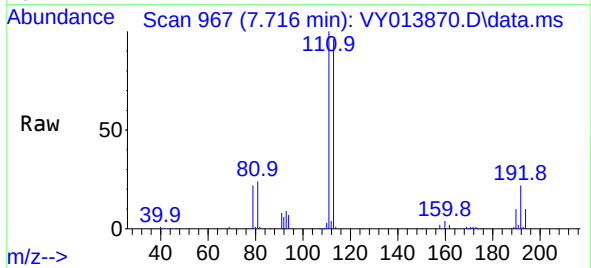




#35
Dibromofluoromethane
Concen: 52.809 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

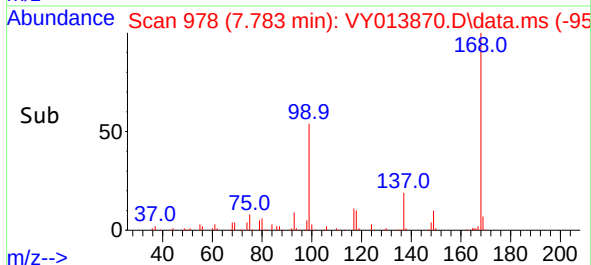
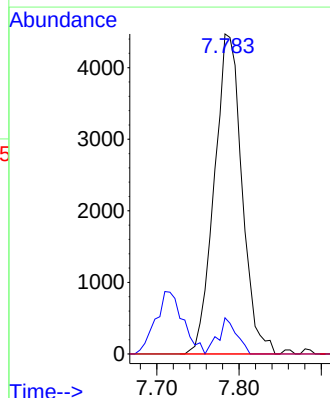
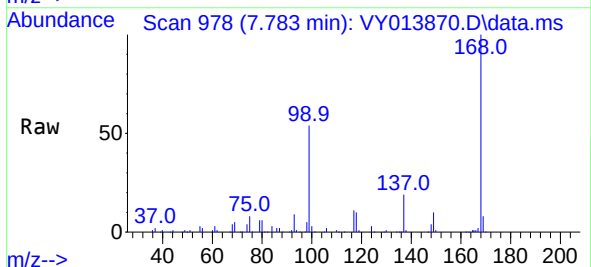
Instrument :
MSVOA_Y
ClientSampleId :
TP21

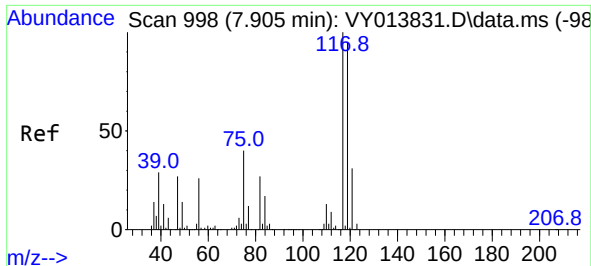
Tgt Ion:113 Resp: 77626
Ion Ratio Lower Upper
113 100
111 103.7 80.4 120.6
192 21.7 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.655 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

Tgt Ion: 75 Resp: 10423
Ion Ratio Lower Upper
75 100
110 7.4 17.5 52.6#
77 0.0 24.4 36.6#

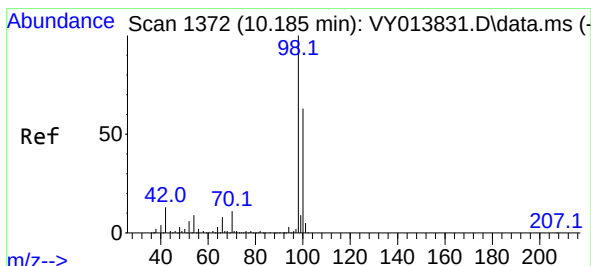
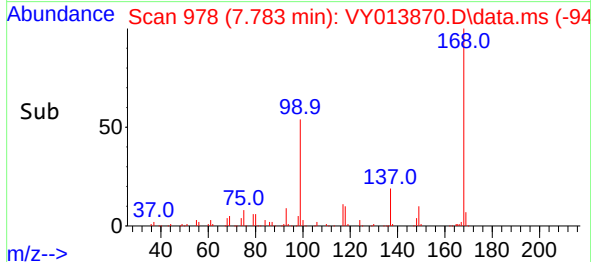
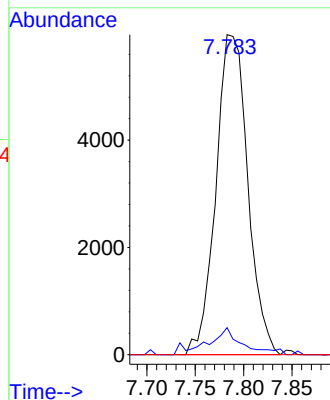
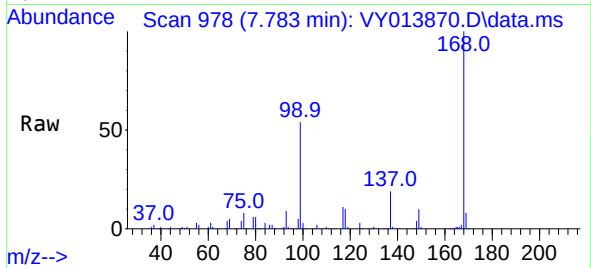




#38
Carbon Tetrachloride
Concen: 5.370 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

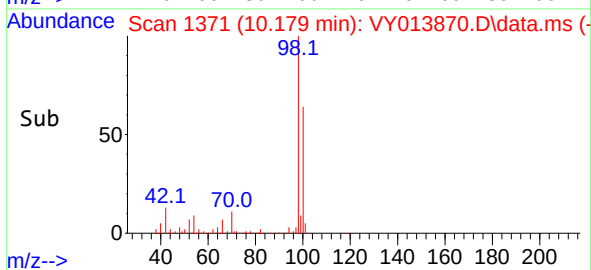
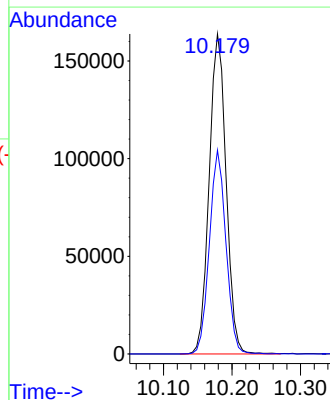
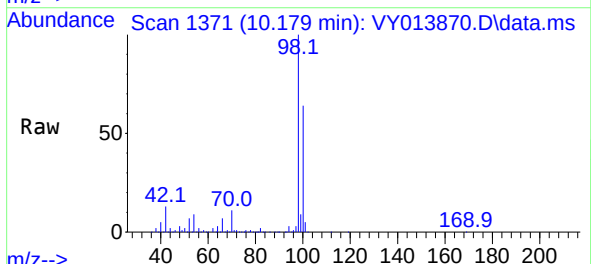
Instrument :
MSVOA_Y
ClientSampleId :
TP21

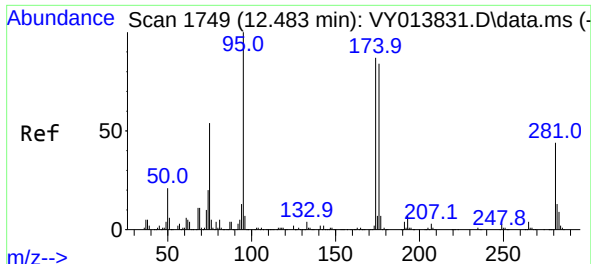
Tgt Ion:117 Resp: 13672
Ion Ratio Lower Upper
117 100
119 6.7 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.409 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

Tgt Ion: 98 Resp: 281620
Ion Ratio Lower Upper
98 100
100 62.3 50.8 76.2

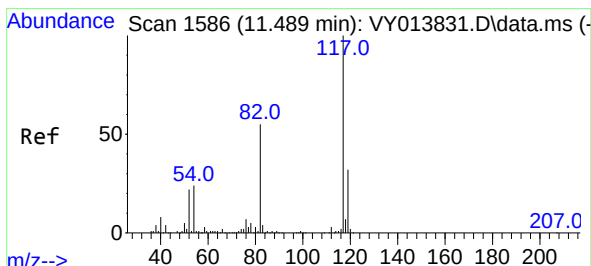
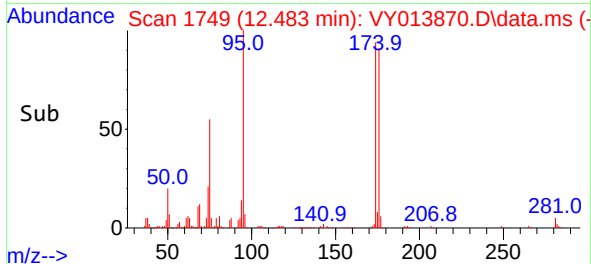
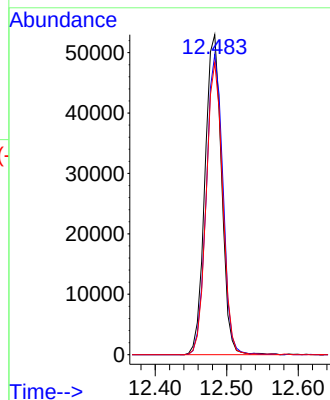
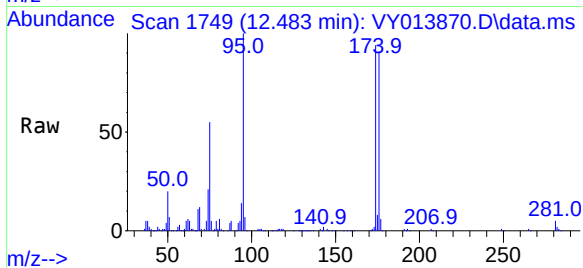




#62
4-Bromofluorobenzene
Concen: 45.954 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

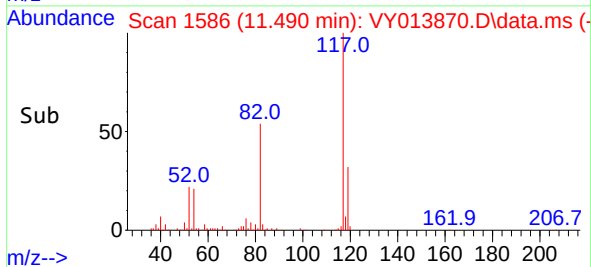
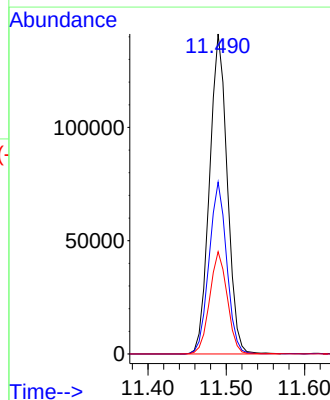
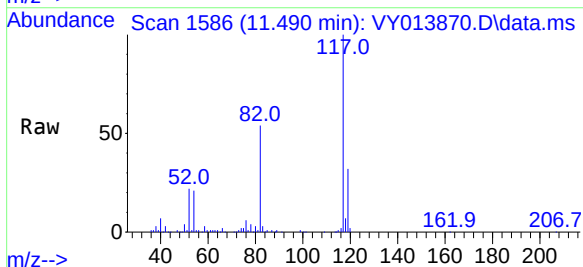
Instrument :
MSVOA_Y
ClientSampleId :
TP21

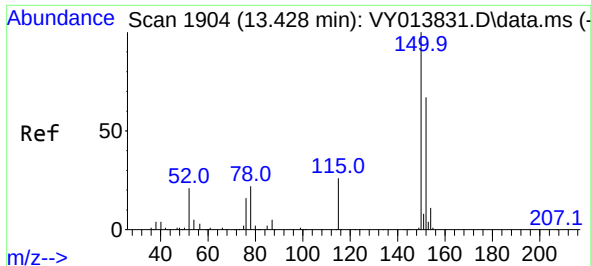
Tgt Ion: 95 Resp: 85338
Ion Ratio Lower Upper
95 100
174 93.8 0.0 176.0
176 90.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

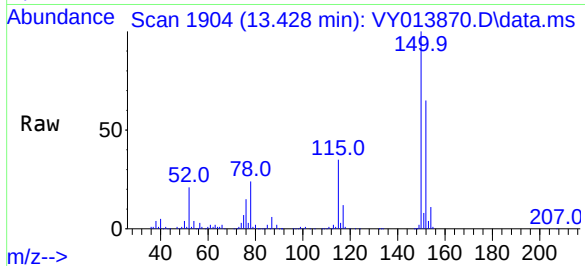
Tgt Ion: 117 Resp: 222135
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.4
119 32.0 25.7 38.5



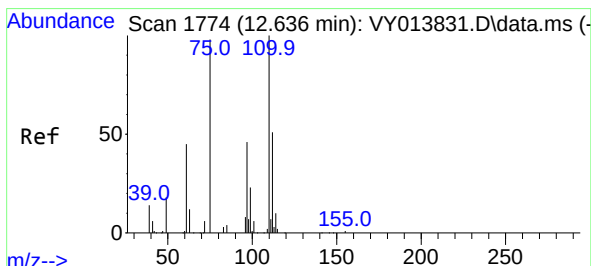
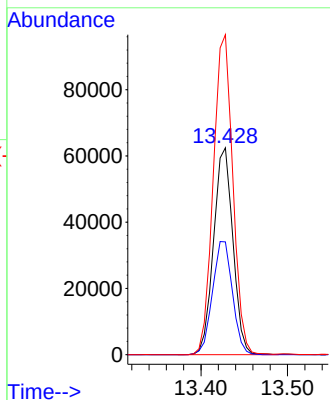
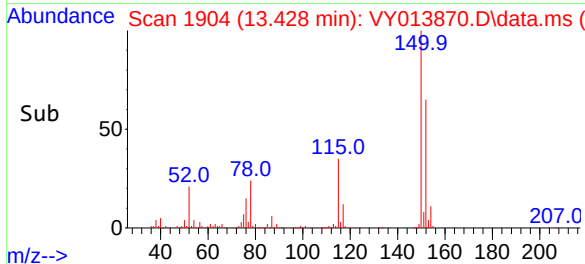


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
TP21

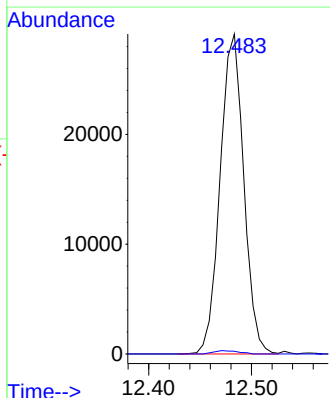
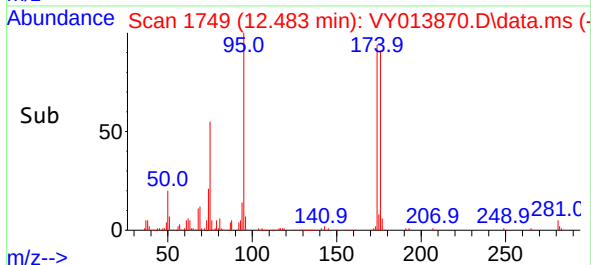
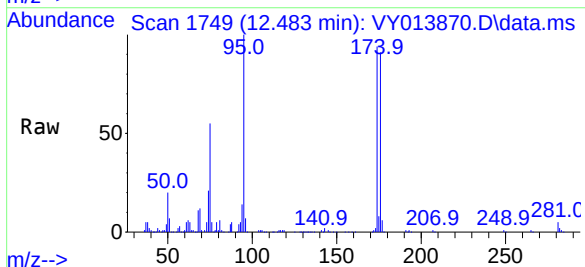


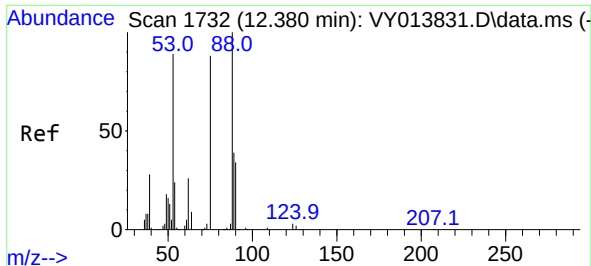
Tgt Ion:152 Resp: 97022
Ion Ratio Lower Upper
152 100
115 56.5 28.8 86.5
150 156.3 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 40.572 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

Tgt Ion: 75 Resp: 46415
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

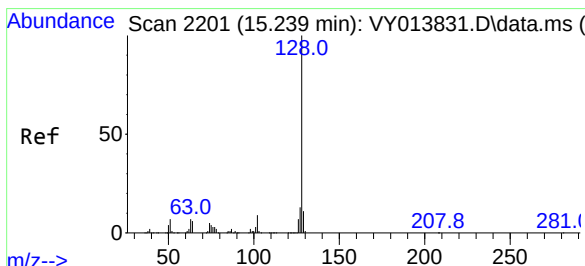
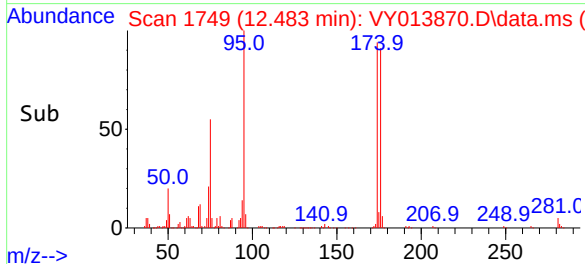
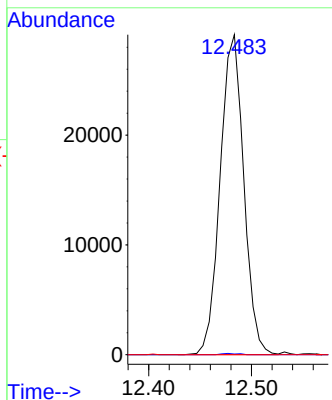
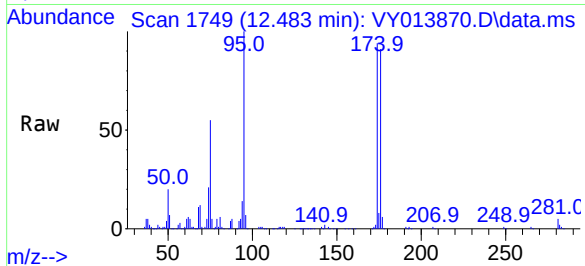




#81
trans-1,4-Dichloro-2-butene
Concen: 88.069 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
TP21

Tgt Ion: 75 Resp: 46415
Ion Ratio Lower Upper
75 100
53 0.3 79.7 119.5#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 4.643 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

Tgt Ion: 128 Resp: 430
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 10.9 9.0 13.4

