

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013417.D
 Acq On : 25 Apr 2023 00:21
 Operator : KP/MD
 Sample : VY0424SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBL02

Quant Time: Apr 25 07:11:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

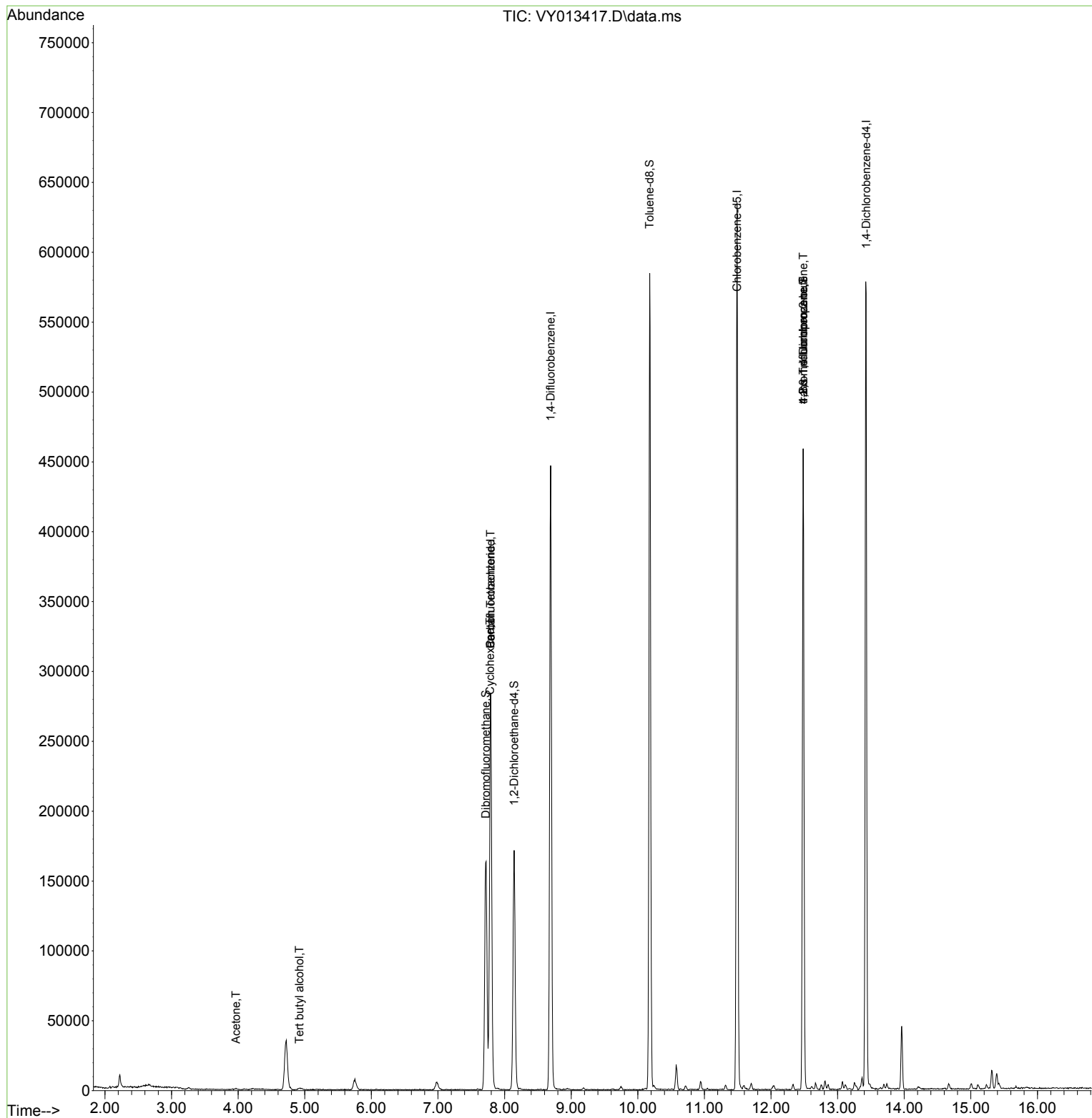
Internal Standards						
1) Pentafluorobenzene	7.789	168	219312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	369850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	330027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	131673	54.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.540%	
35) Dibromofluoromethane	7.716	113	118206	50.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.640%	
50) Toluene-d8	10.179	98	380304	45.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.920%	
62) 4-Bromofluorobenzene	12.483	95	121496	43.550	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	1284	5.379	ug/l #	89
13) Acrolein	3.735	56	61	Below Cal	#	16
16) Acetone	3.966	43	1491	1.575	ug/l #	85
31) Cyclohexane	7.783	56	4862	1.130	ug/l #	1
38) Carbon Tetrachloride	7.789	117	21504	5.314	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	63981	31.408	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63981	64.246	ug/l #	13

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
Data File : VY013417.D
Acq On : 25 Apr 2023 00:21
Operator : KP/MD
Sample : VY0424SBL02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBL02

Quant Time: Apr 25 07:11:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

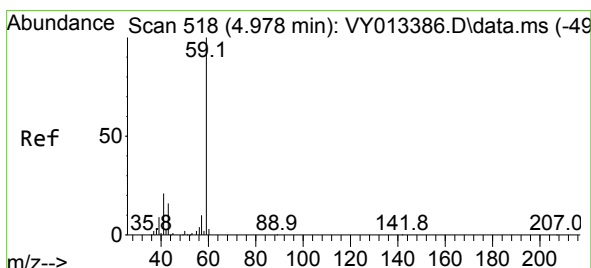
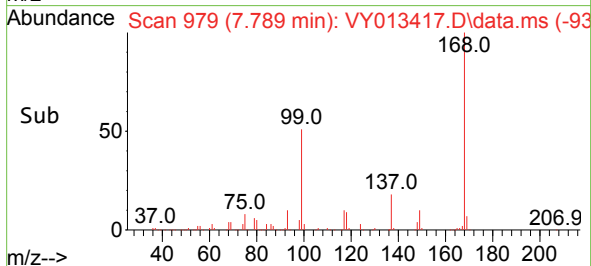
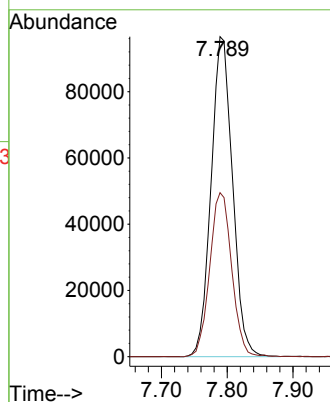
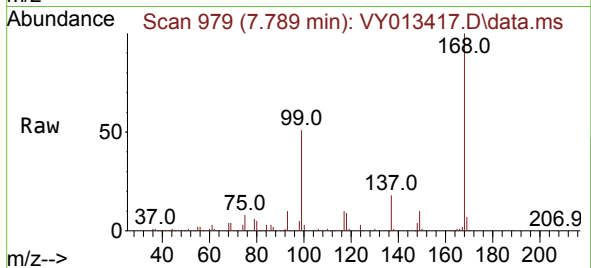




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013417.D
Acq: 25 Apr 2023 00:21

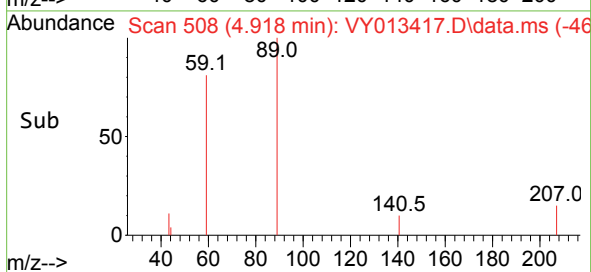
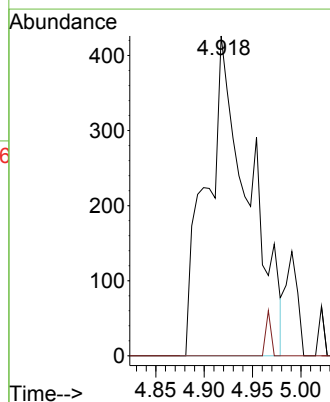
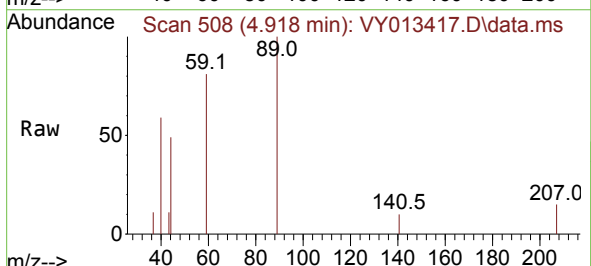
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBL02

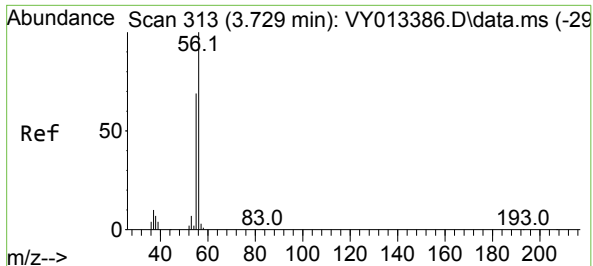
Tgt Ion:168 Resp: 219312
Ion Ratio Lower Upper
168 100
99 51.3 41.8 62.6



#11
Tert butyl alcohol
Concen: 5.379 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.060 min
Lab File: VY013417.D
Acq: 25 Apr 2023 00:21

Tgt Ion: 59 Resp: 1284
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

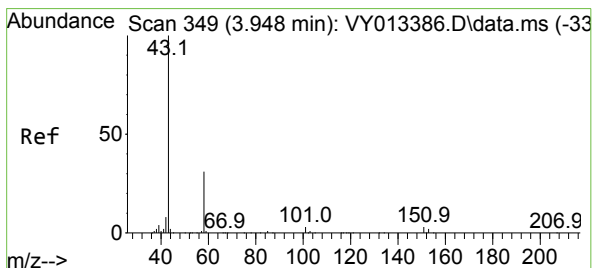
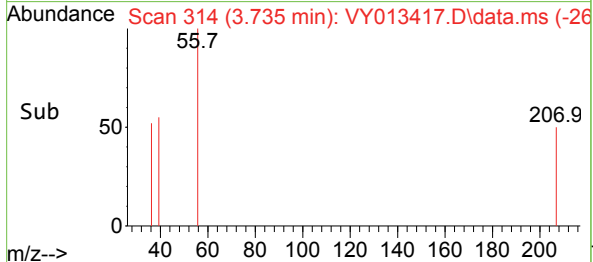
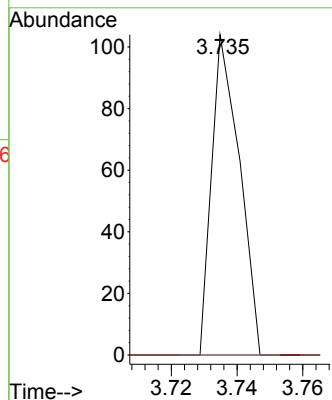
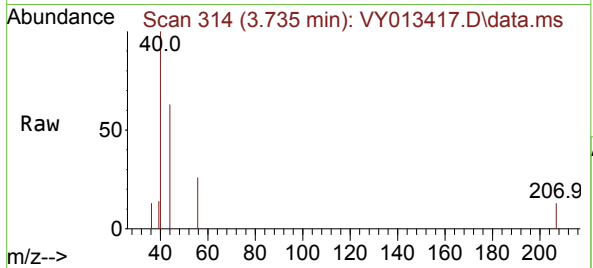




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY013417.D
Acq: 25 Apr 2023 00:21

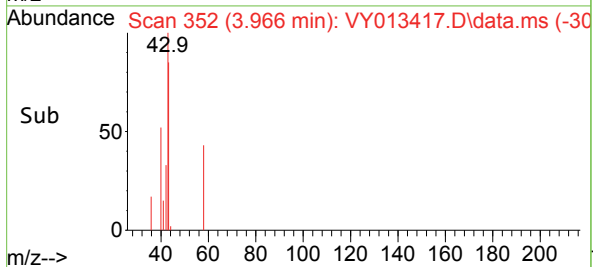
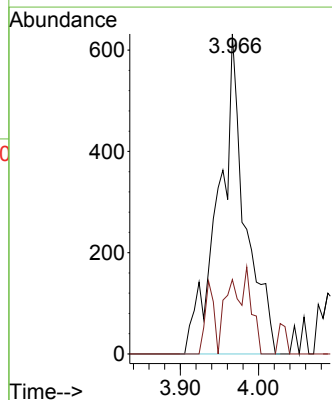
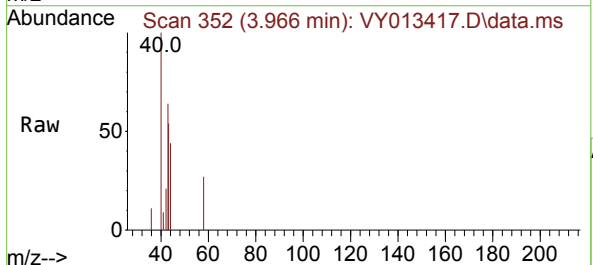
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBL02

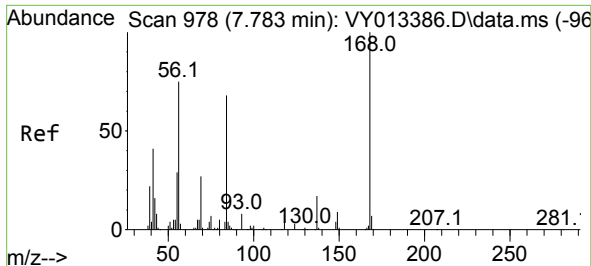
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



#16
Acetone
Concen: 1.575 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY013417.D
Acq: 25 Apr 2023 00:21

Tgt Ion: 43 Resp: 1491
Ion Ratio Lower Upper
43 100
58 23.3 25.4 38.0#

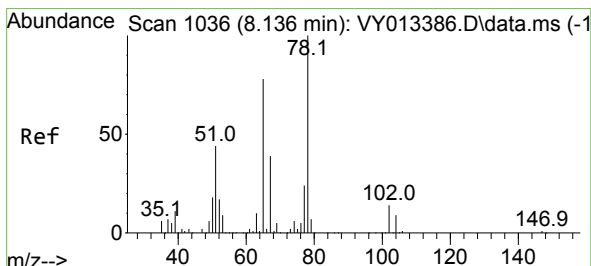
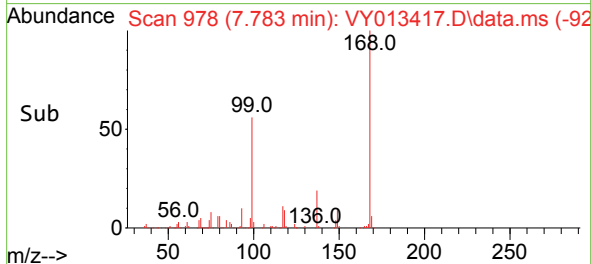
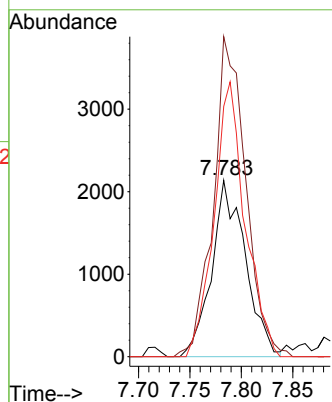
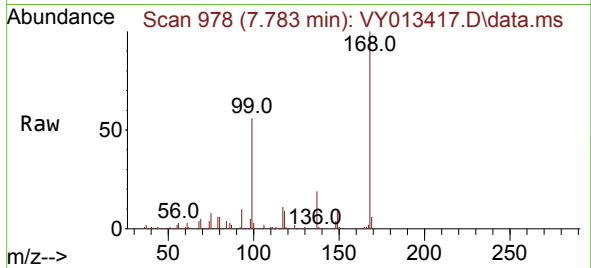




#31
Cyclohexane
Concen: 1.130 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013417.D
Acq: 25 Apr 2023 00:21

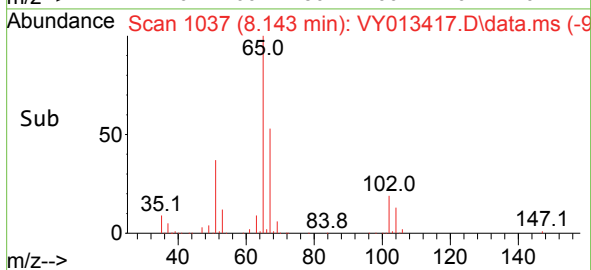
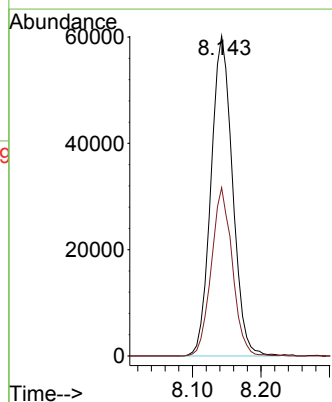
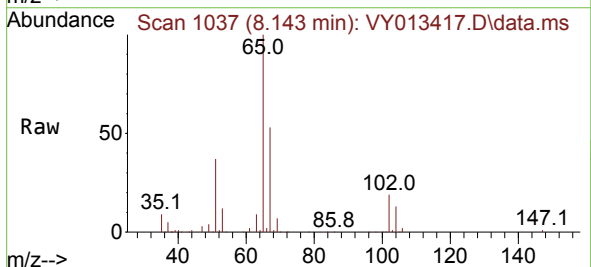
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBL02

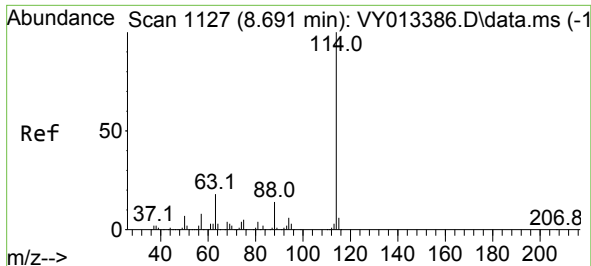
Tgt Ion: 56 Resp: 4862
Ion Ratio Lower Upper
56 100
69 178.7 29.2 43.8#
84 141.9 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 54.769 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013417.D
Acq: 25 Apr 2023 00:21

Tgt Ion: 65 Resp: 131673
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

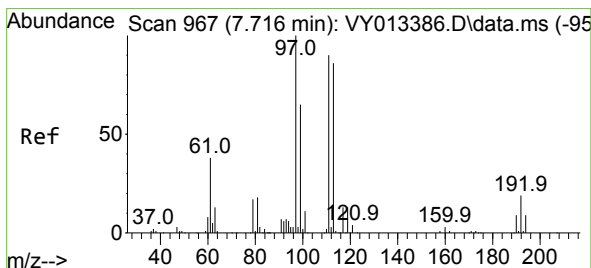
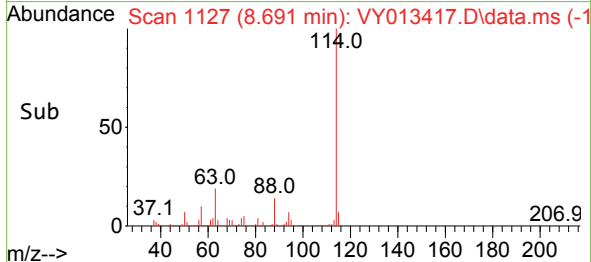
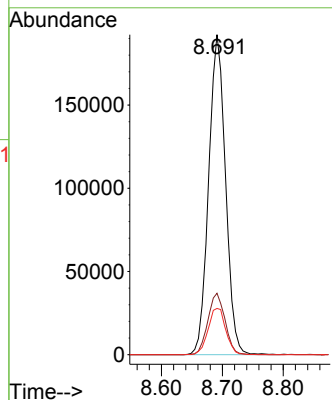
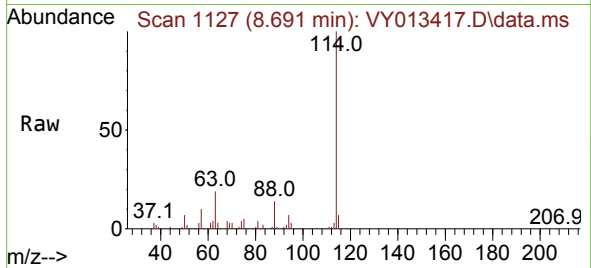




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013417.D
Acq: 25 Apr 2023 00:21

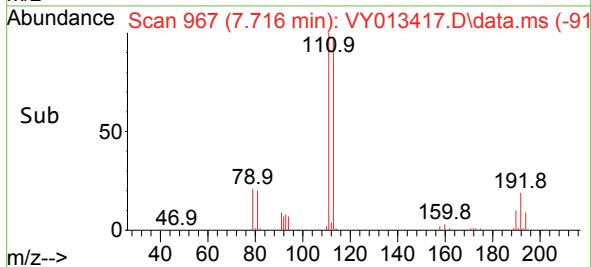
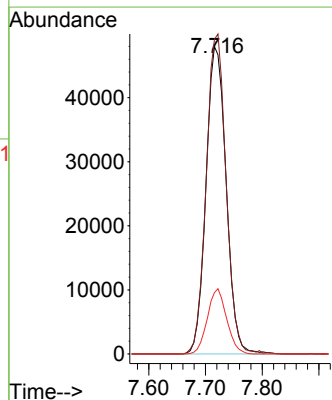
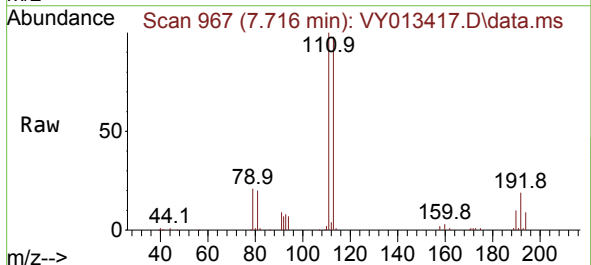
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBL02

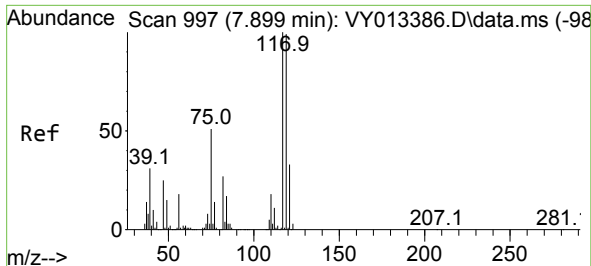
Tgt Ion:114 Resp: 369850
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.6
88 14.5 0.0 28.8



#35
Dibromofluoromethane
Concen: 50.815 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013417.D
Acq: 25 Apr 2023 00:21

Tgt Ion:113 Resp: 118206
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 20.3 16.7 25.1

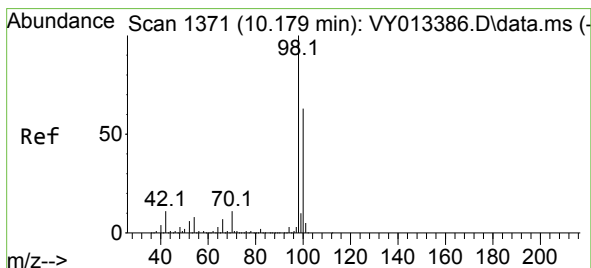
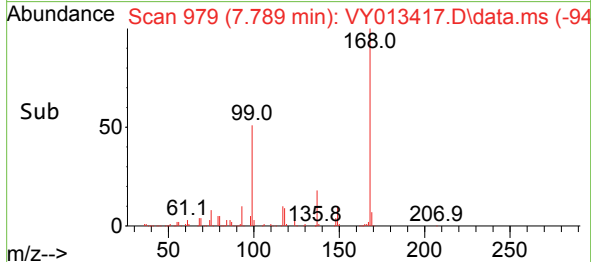
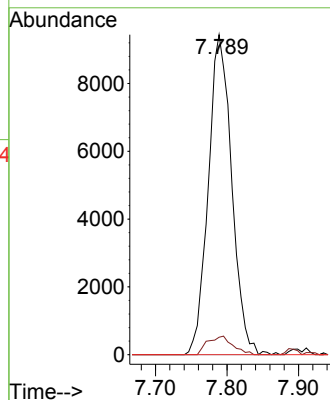
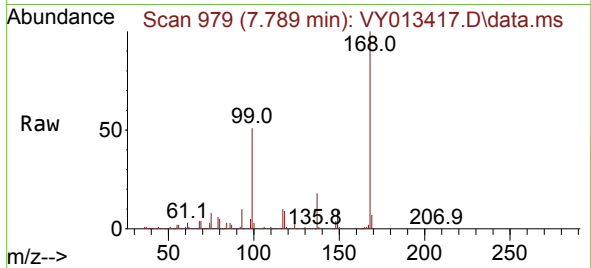




#38
Carbon Tetrachloride
Concen: 5.314 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013417.D
Acq: 25 Apr 2023 00:21

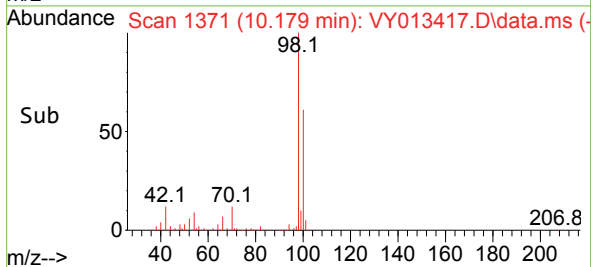
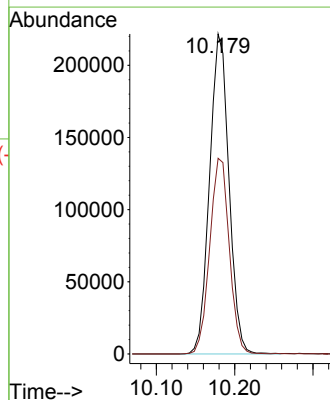
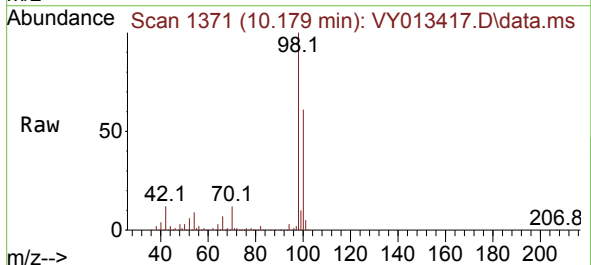
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBL02

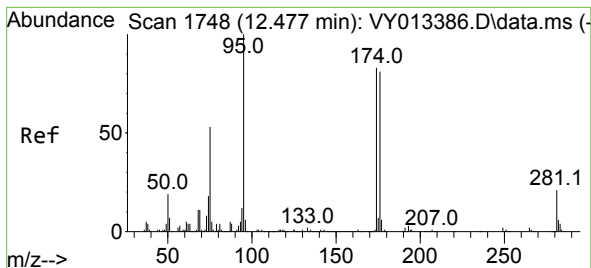
Tgt Ion:117 Resp: 21504
Ion Ratio Lower Upper
117 100
119 5.5 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 45.957 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013417.D
Acq: 25 Apr 2023 00:21

Tgt Ion: 98 Resp: 380304
Ion Ratio Lower Upper
98 100
100 61.7 50.5 75.7

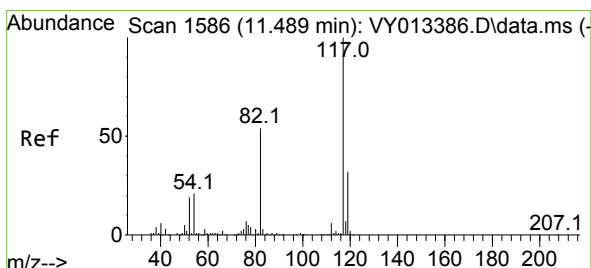
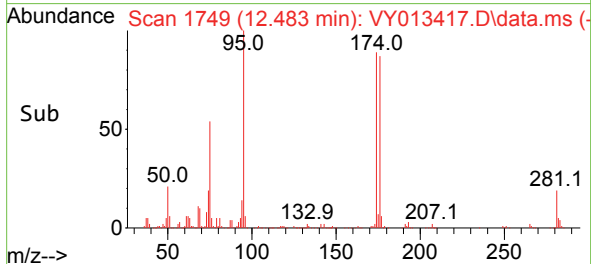
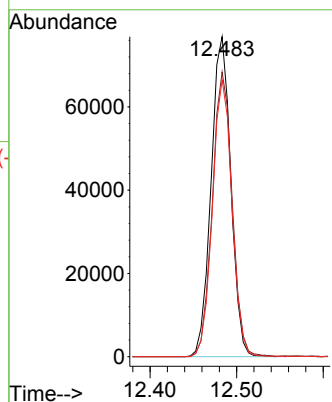
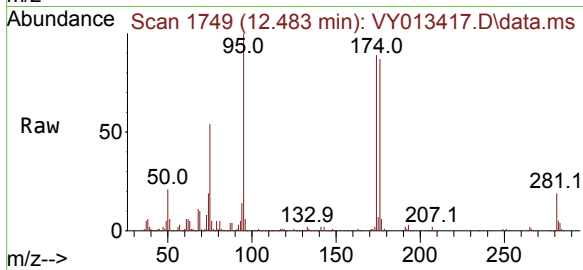




#62
4-Bromofluorobenzene
Concen: 43.550 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013417.D
Acq: 25 Apr 2023 00:21

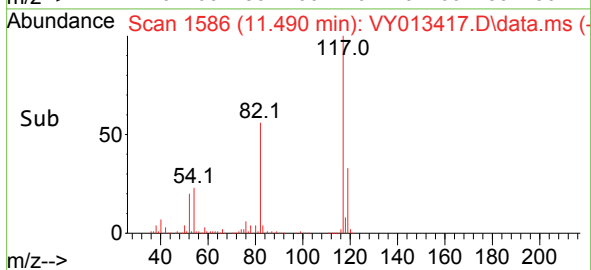
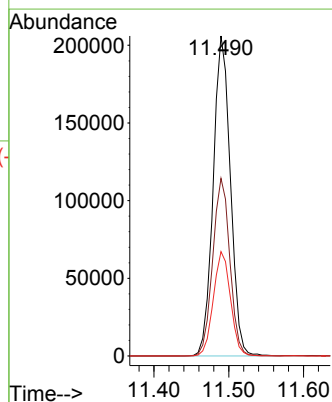
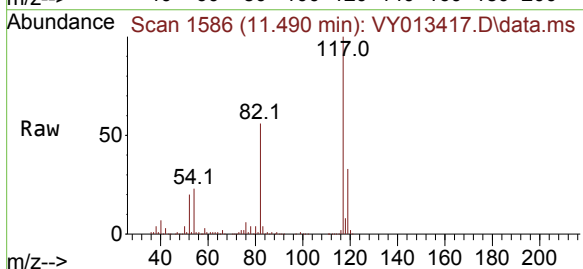
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBL02

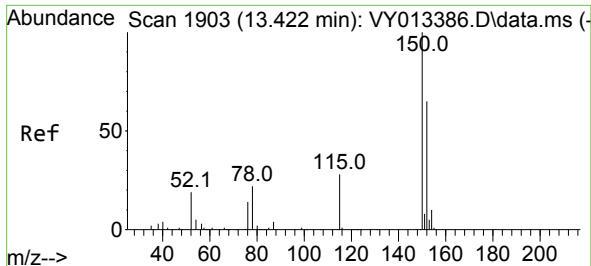
Tgt Ion: 95 Resp: 121496
Ion Ratio Lower Upper
95 100
174 89.5 0.0 182.0
176 85.8 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013417.D
Acq: 25 Apr 2023 00:21

Tgt Ion: 117 Resp: 330027
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.6
119 32.6 25.5 38.3

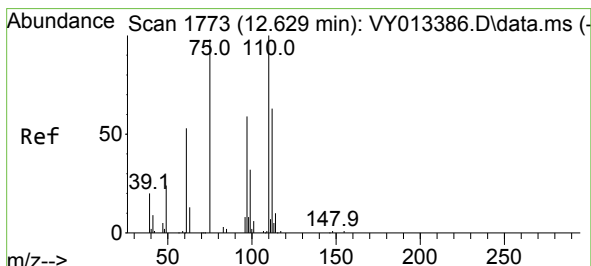
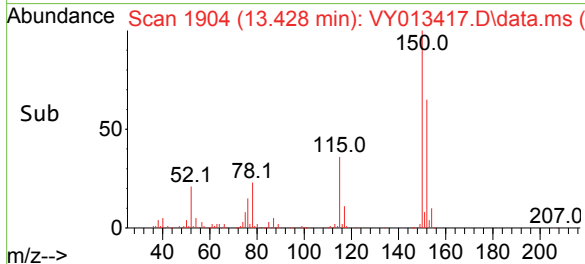
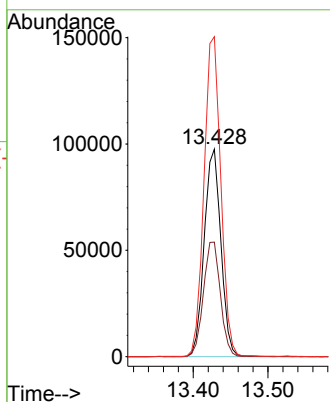
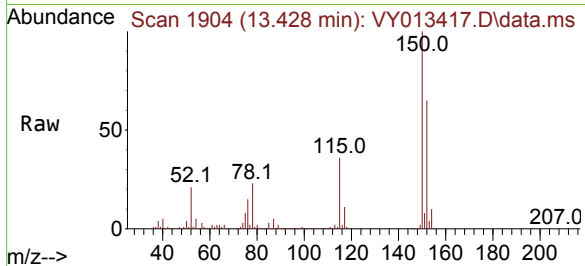




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY013417.D
 Acq: 25 Apr 2023 00:21

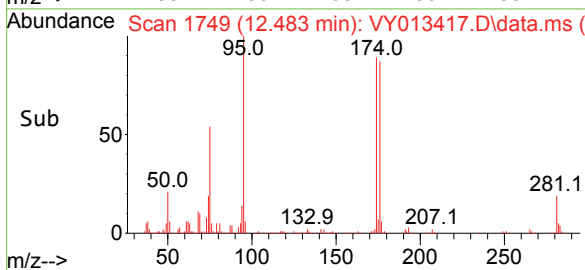
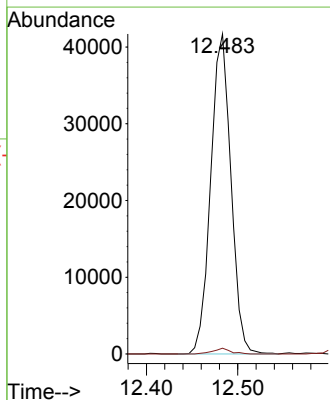
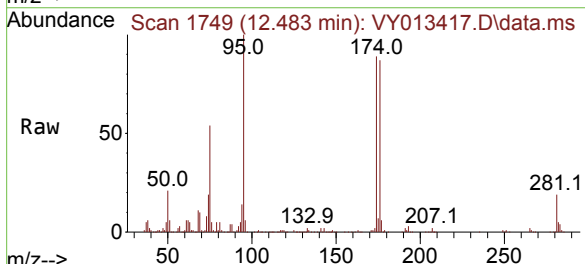
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBL02

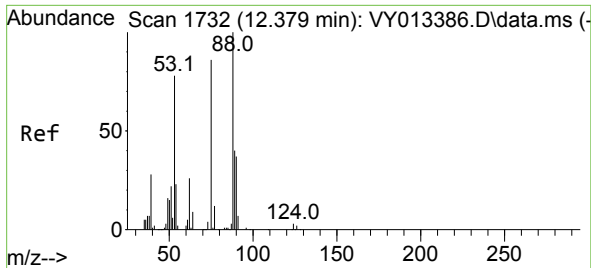
Tgt Ion:152 Resp: 151051
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.1 84.2
 150 155.5 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 31.408 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY013417.D
 Acq: 25 Apr 2023 00:21

Tgt Ion: 75 Resp: 63981
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.246 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013417.D
 Acq: 25 Apr 2023 00:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBL02

Tgt Ion: 75 Resp: 63981
 Ion Ratio Lower Upper
 75 100
 53 0.2 73.2 109.8#
 89 0.4 38.0 57.0#

