

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY016003.D
 Acq On : 17 Oct 2023 14:47
 Operator : SY/MD
 Sample : 04907-01RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 06:07:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

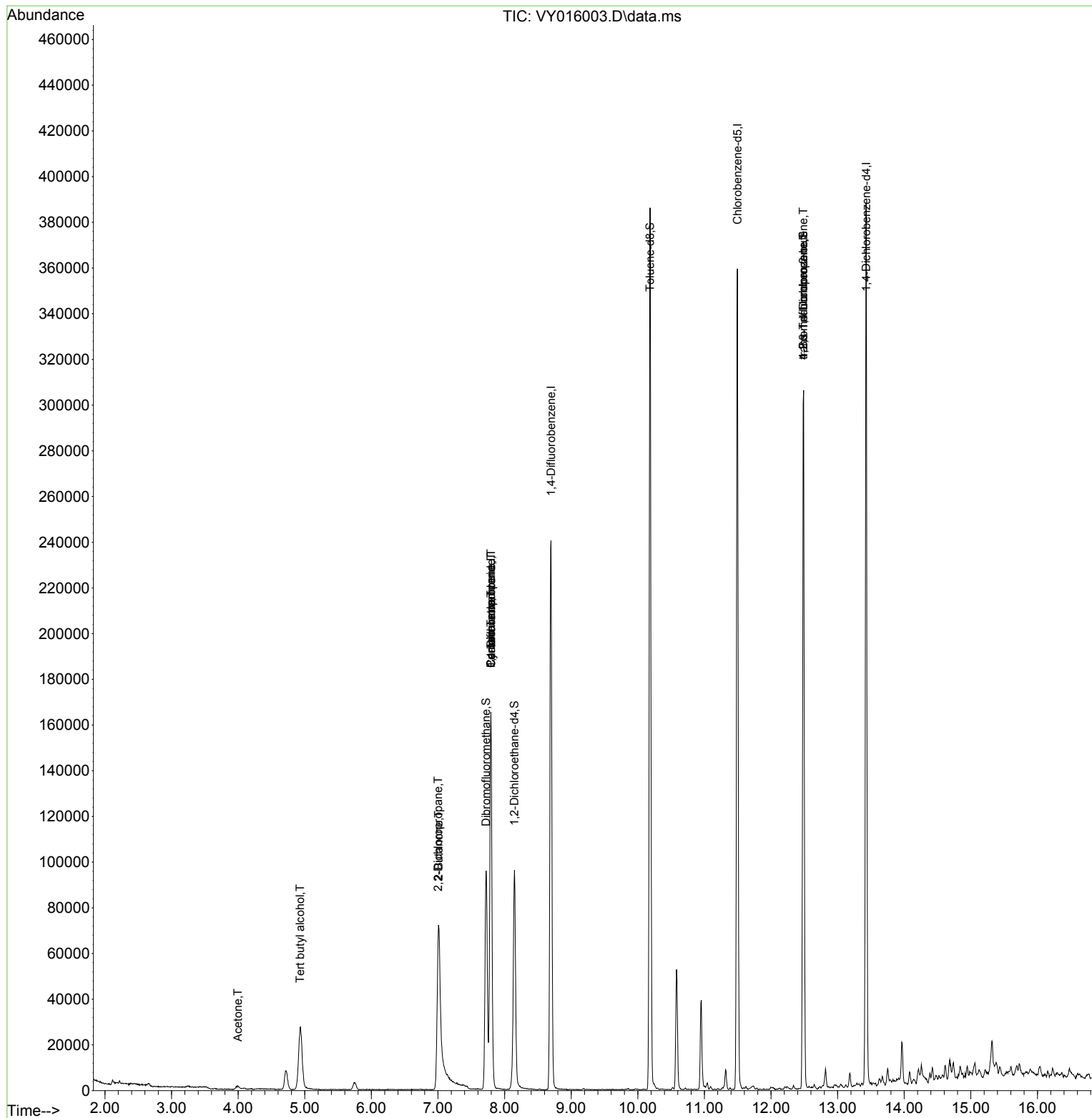
Internal Standards						
1) Pentafluorobenzene	7.795	168	130295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	216087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	200129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76886	51.705	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.400%	
35) Dibromofluoromethane	7.722	113	71748	52.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.480%	
50) Toluene-d8	10.185	98	252707	49.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.200%	
62) 4-Bromofluorobenzene	12.483	95	84689	46.684	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.360%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	716	Below Cal	#	85
11) Tert butyl alcohol	4.930	59	25999	30.135	ug/l #	92
16) Acetone	3.997	43	3667	4.245	ug/l	100
20) Methylene Chloride	4.716	84	6780	Below Cal	#	85
25) 2-Butanone	7.008	43	4315	3.432	ug/l #	72
26) 2,2-Dichloropropane	7.002	77	6429	3.060	ug/l #	54
31) Cyclohexane	7.795	56	2470	1.043	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10667	5.197	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13100	6.060	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	43574	23.077	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43574	54.361	ug/l #	11

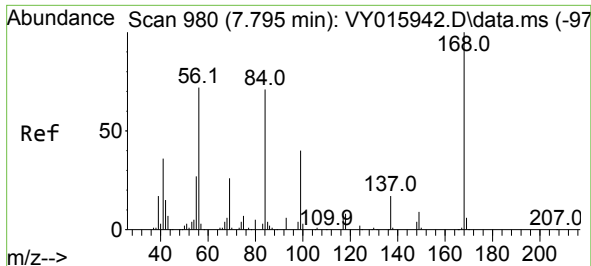
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
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Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 18 06:07:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration

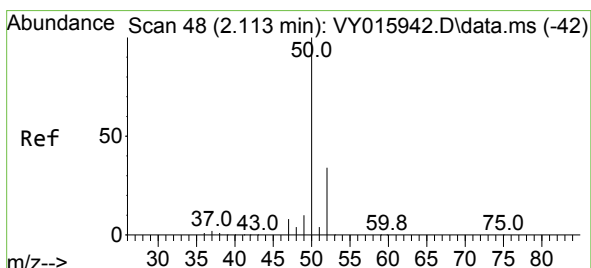
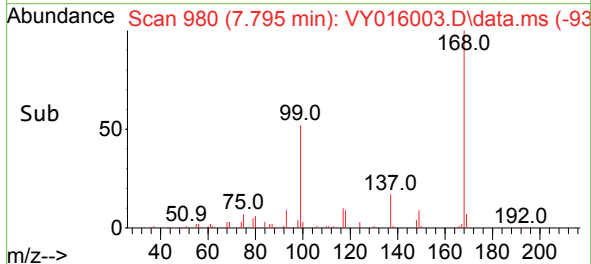
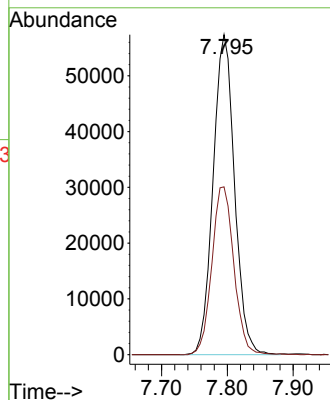
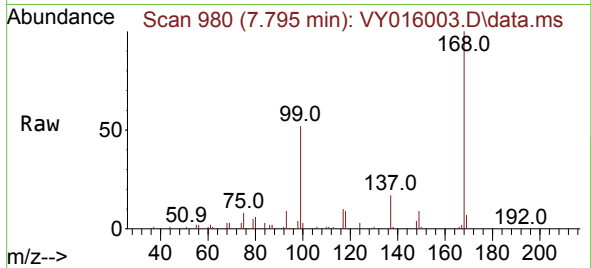




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

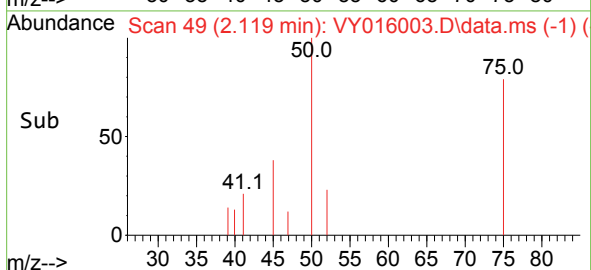
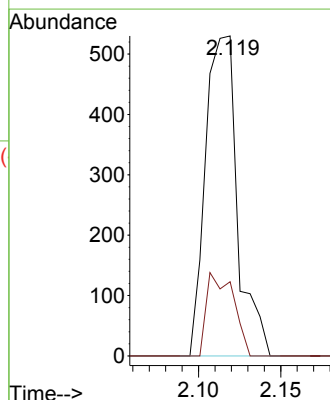
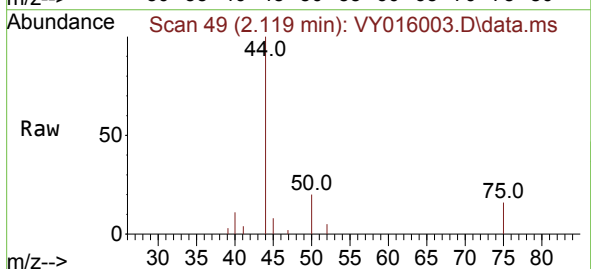
Instrument :
MSVOA_Y
ClientSampleId :

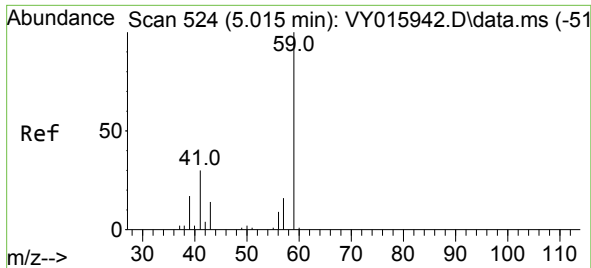
Tgt Ion:168 Resp: 130295
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

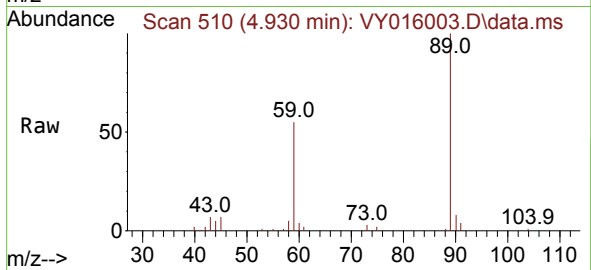
Tgt Ion: 50 Resp: 716
Ion Ratio Lower Upper
50 100
52 23.2 25.4 38.2#



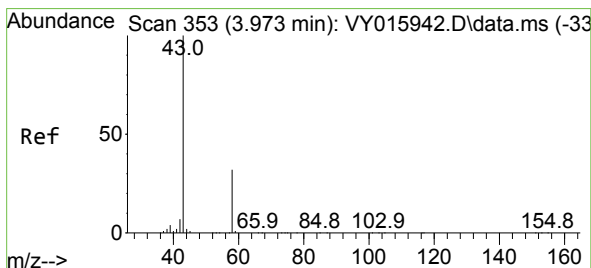
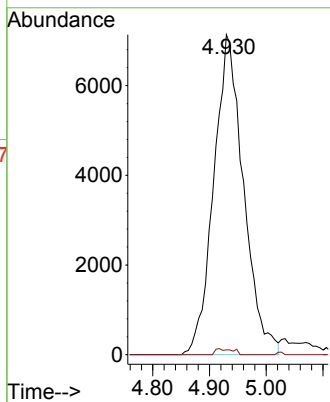
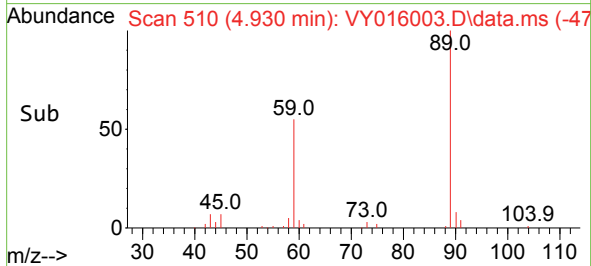


#11
Tert butyl alcohol
Concen: 30.135 ug/l
RT: 4.930 min Scan# 51
Delta R.T. -0.085 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

Instrument :
MSVOA_Y
ClientSampleId :

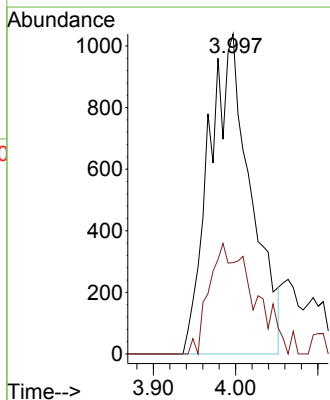
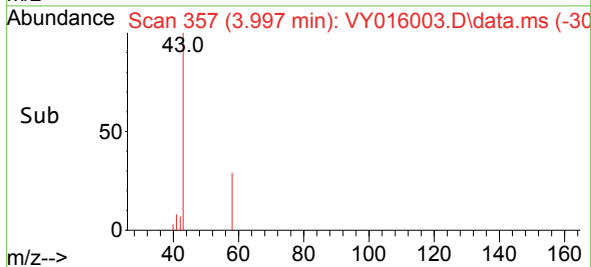
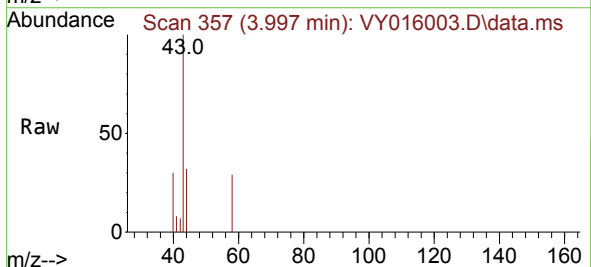


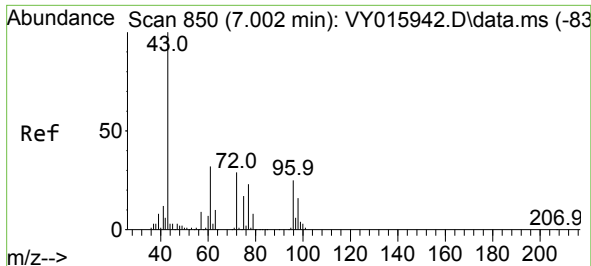
Tgt Ion: 59 Resp: 25999
Ion Ratio Lower Upper
59 100
57 1.1 3.0 4.4#



#16
Acetone
Concen: 4.245 ug/l
RT: 3.997 min Scan# 357
Delta R.T. 0.024 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

Tgt Ion: 43 Resp: 3667
Ion Ratio Lower Upper
43 100
58 28.6 22.7 34.1

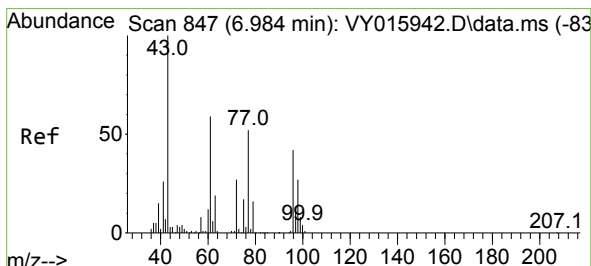
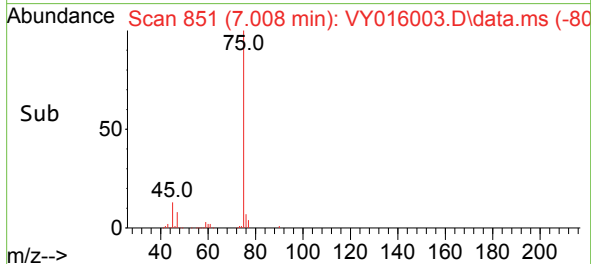
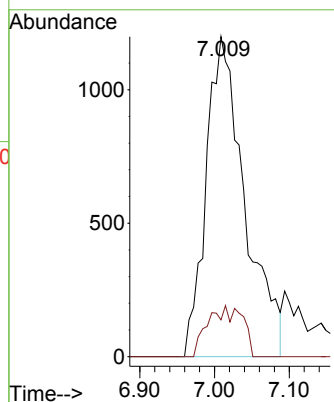
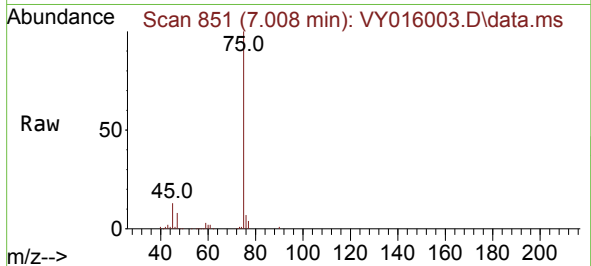




#25
2-Butanone
Concen: 3.432 ug/l
RT: 7.008 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

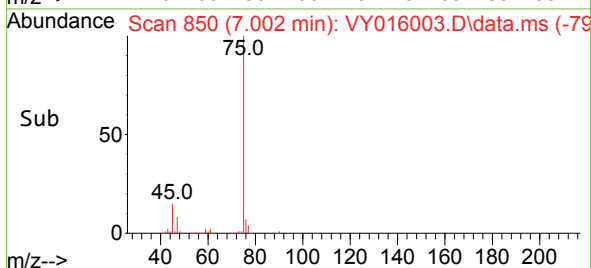
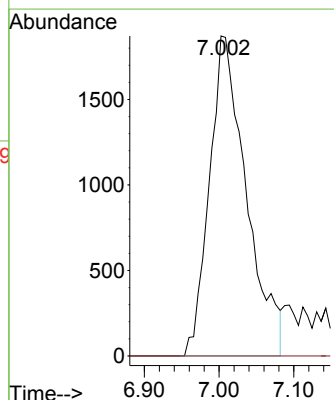
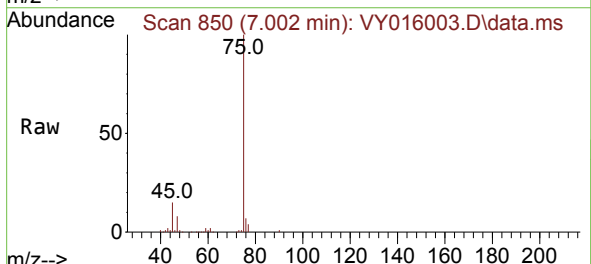
Instrument :
MSVOA_Y
ClientSampleId :

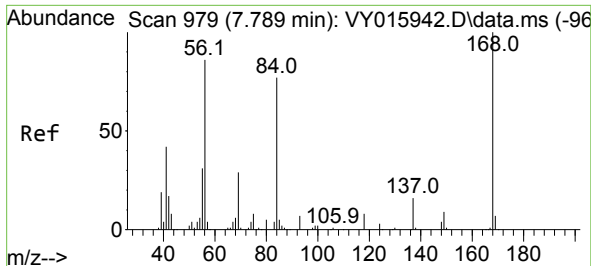
Tgt Ion: 43 Resp: 4315
Ion Ratio Lower Upper
43 100
72 11.5 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 3.060 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.018 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

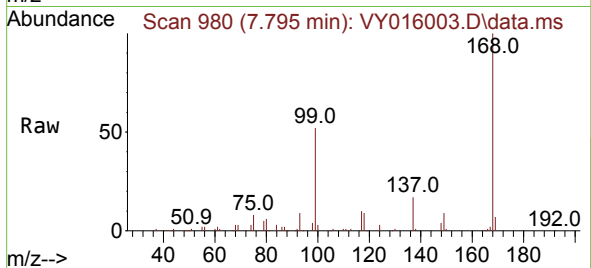
Tgt Ion: 77 Resp: 6429
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



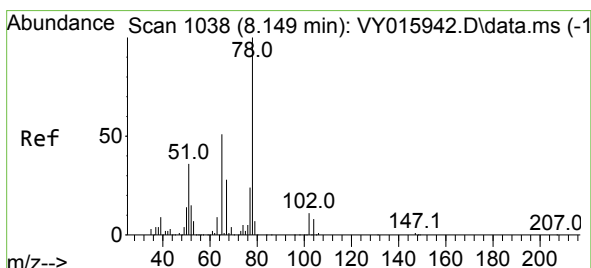
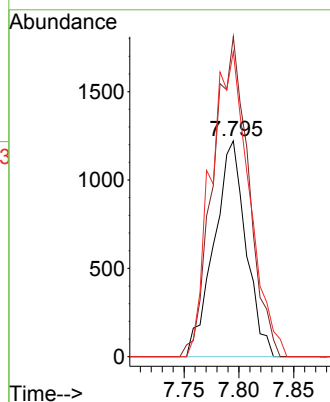
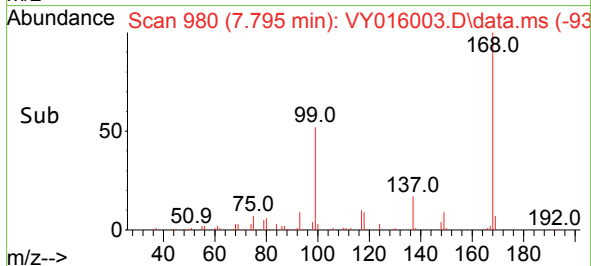


#31
Cyclohexane
Concen: 1.043 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

Instrument :
MSVOA_Y
ClientSampleId :

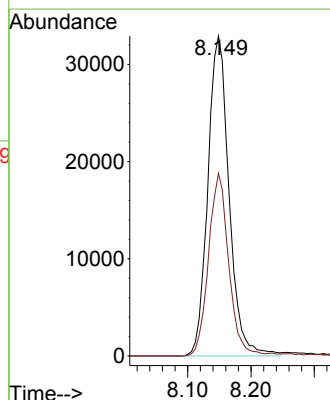
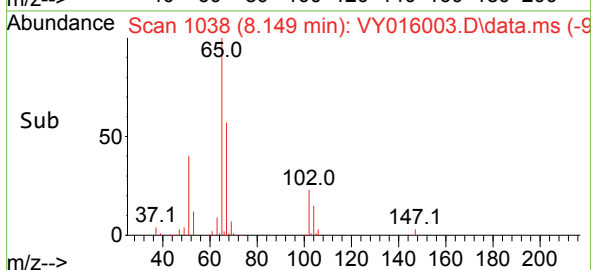
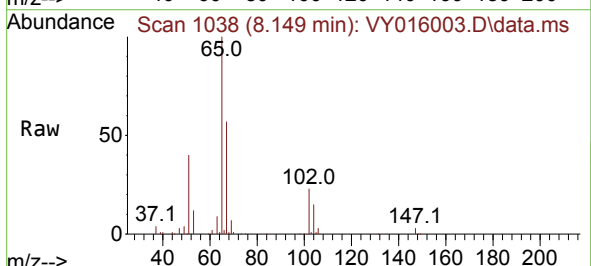


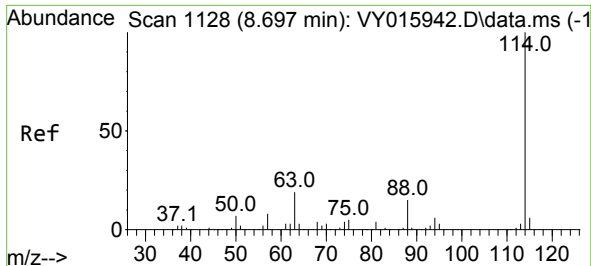
Tgt Ion: 56 Resp: 2470
Ion Ratio Lower Upper
56 100
69 148.2 27.8 41.6#
84 141.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 51.705 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

Tgt Ion: 65 Resp: 76886
Ion Ratio Lower Upper
65 100
67 54.1 0.0 101.8

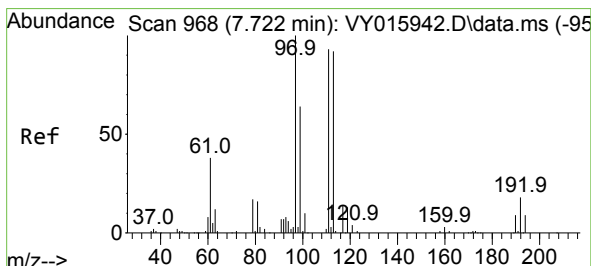
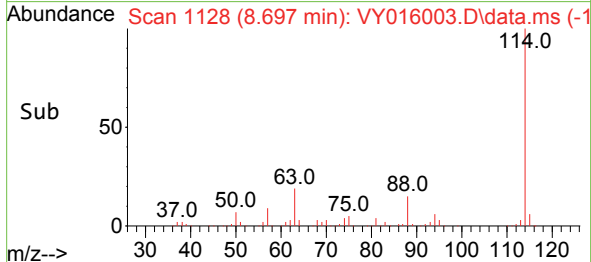
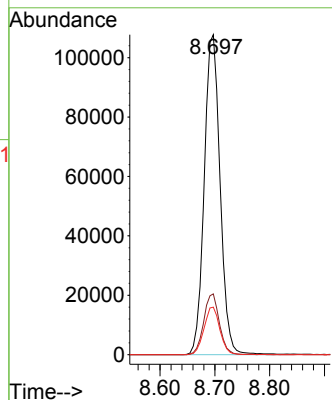
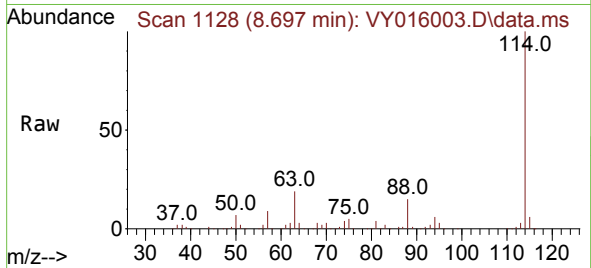




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

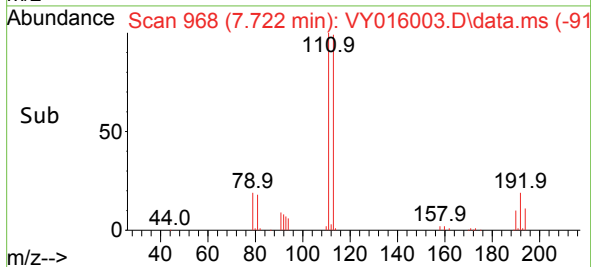
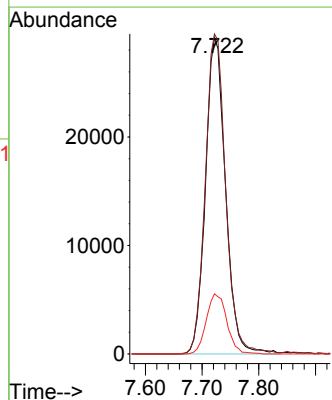
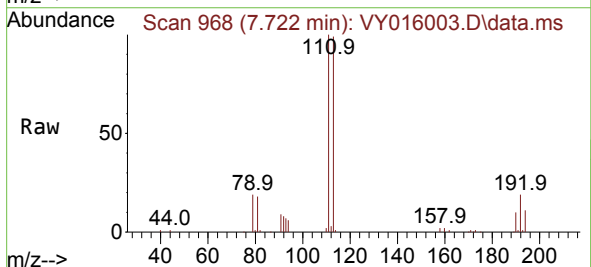
Instrument :
MSVOA_Y
ClientSampleId :

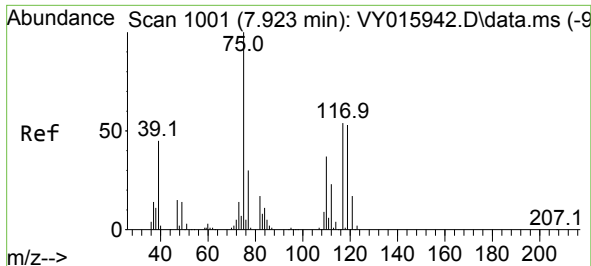
Tgt Ion:114 Resp: 216087
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.741 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

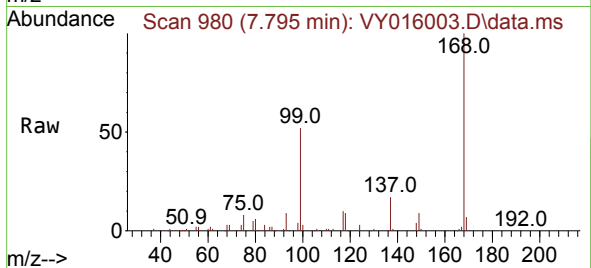
Tgt Ion:113 Resp: 71748
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.4 16.9 25.3



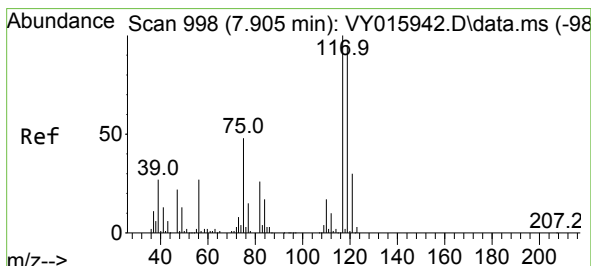
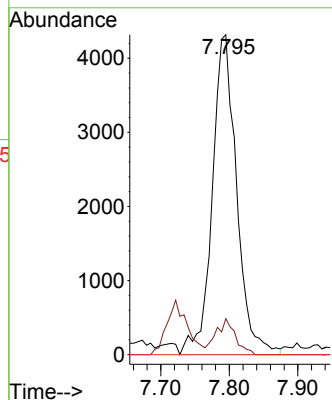
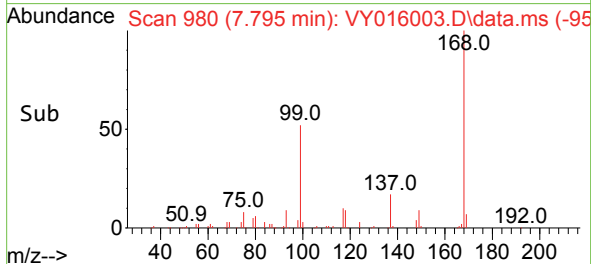


#36
1,1-Dichloropropene
Concen: 5.197 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

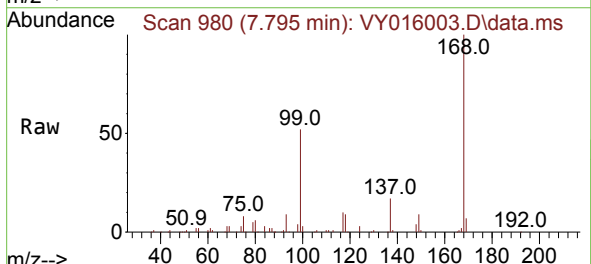
Instrument :
MSVOA_Y
ClientSampleId :



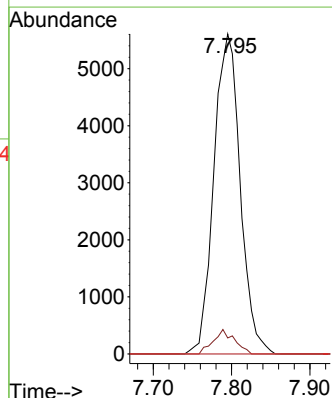
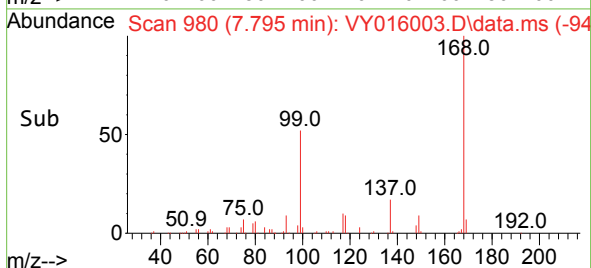
Tgt Ion: 75 Resp: 10667
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.0 24.4 36.6#

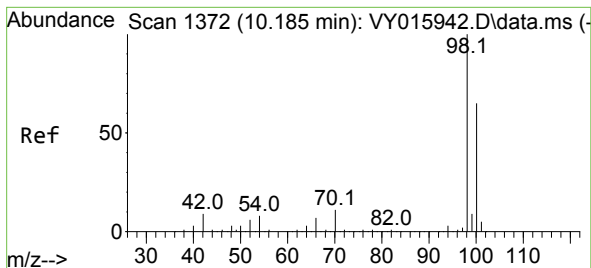


#38
Carbon Tetrachloride
Concen: 6.060 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47



Tgt Ion: 117 Resp: 13100
Ion Ratio Lower Upper
117 100
119 5.0 76.4 114.6#
121 0.0 25.8 38.6#

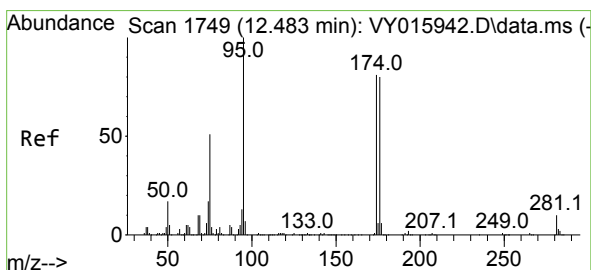
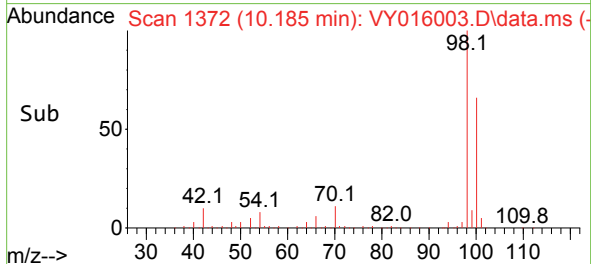
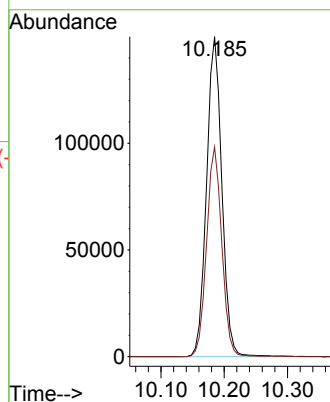
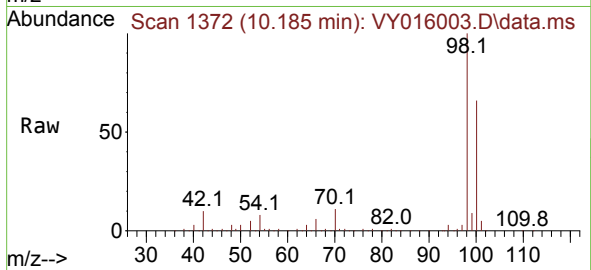




#50
Toluene-d8
Concen: 49.604 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

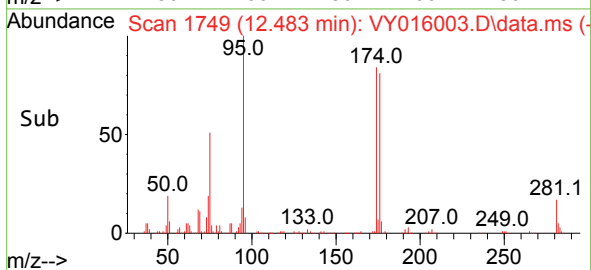
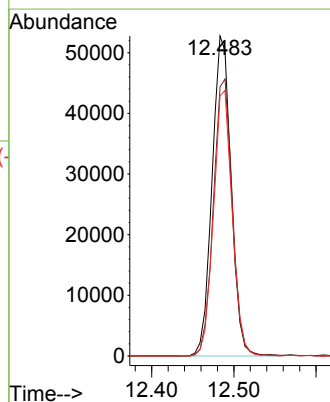
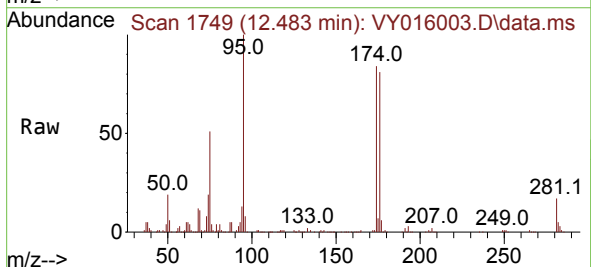
Instrument :
MSVOA_Y
ClientSampleId :

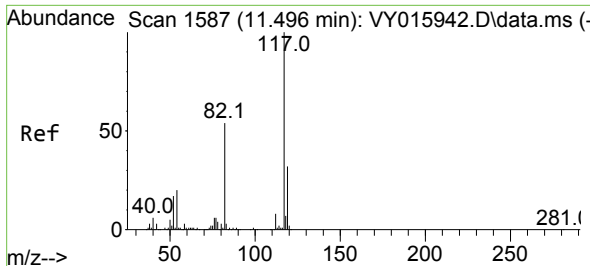
Tgt Ion: 98 Resp: 252707
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.684 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

Tgt Ion: 95 Resp: 84689
Ion Ratio Lower Upper
95 100
174 86.9 0.0 178.2
176 81.9 0.0 173.8

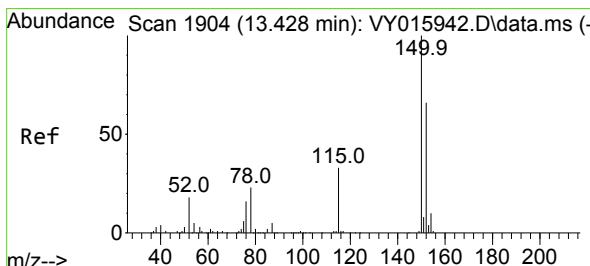
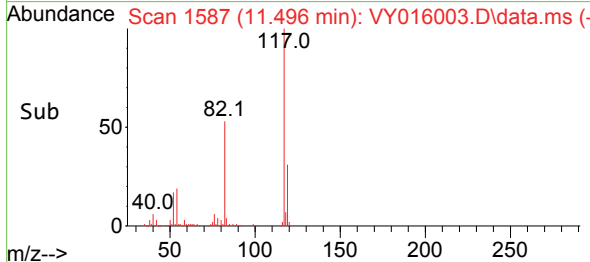
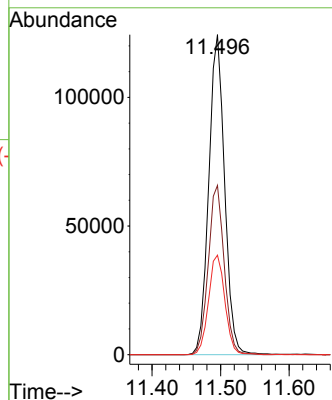
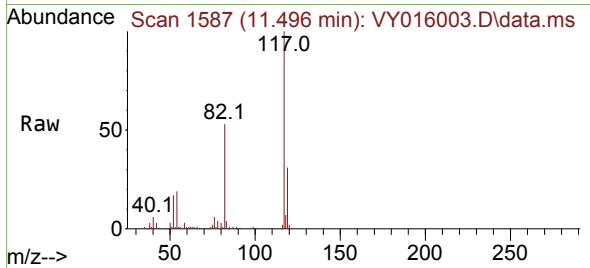




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

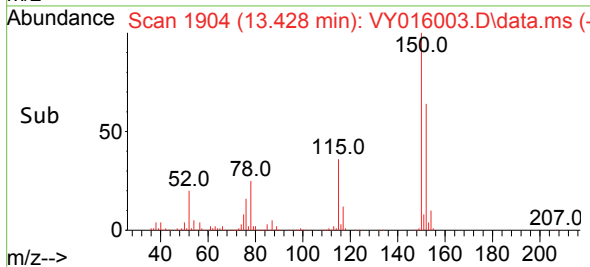
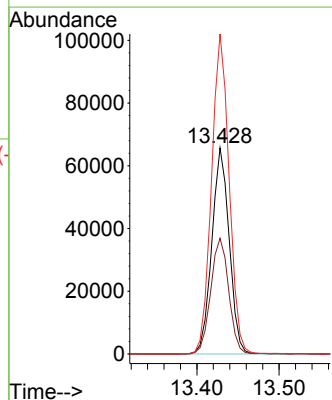
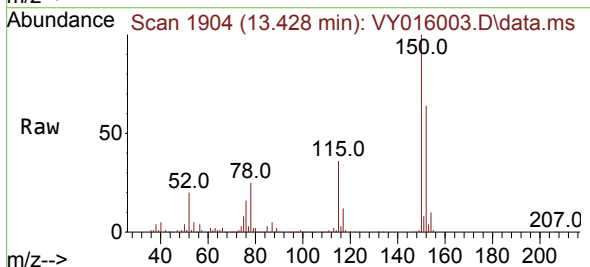
Instrument :
MSVOA_Y
ClientSampleId :

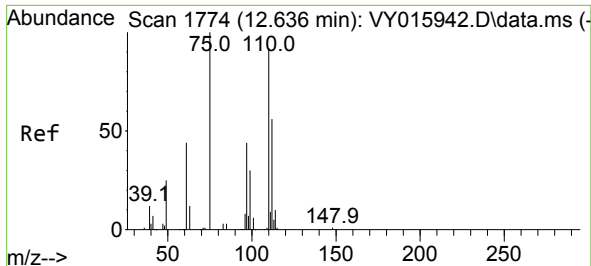
Tgt Ion:117 Resp: 200129
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 31.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

Tgt Ion:152 Resp: 96485
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 157.3 0.0 348.8

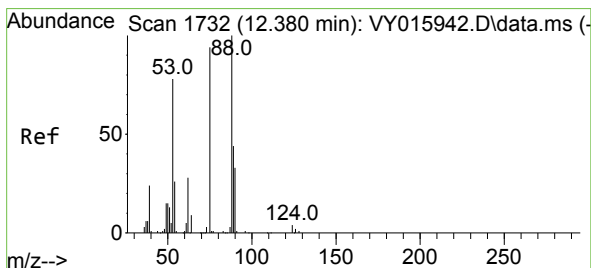
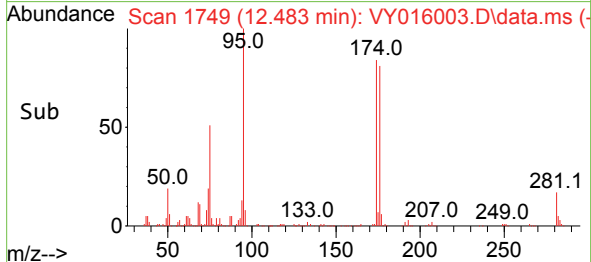
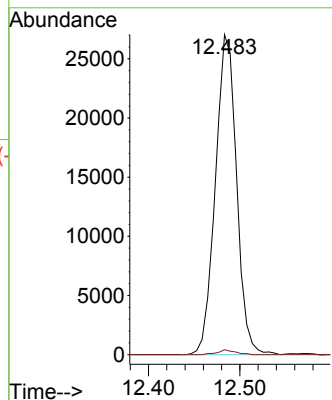
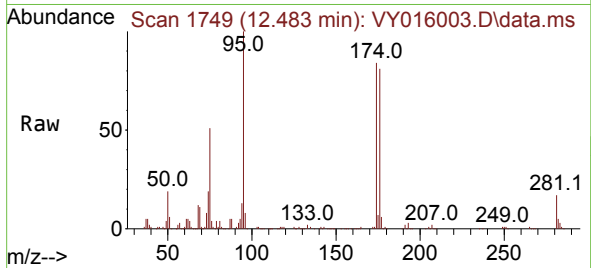




#76
1,2,3-Trichloropropane
Concen: 23.077 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 43574
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.361 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

Tgt Ion: 75 Resp: 43574
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#

