

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016103.D
 Acq On : 27 Oct 2023 14:23
 Operator : SY/MD
 Sample : 05078-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 06:08:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

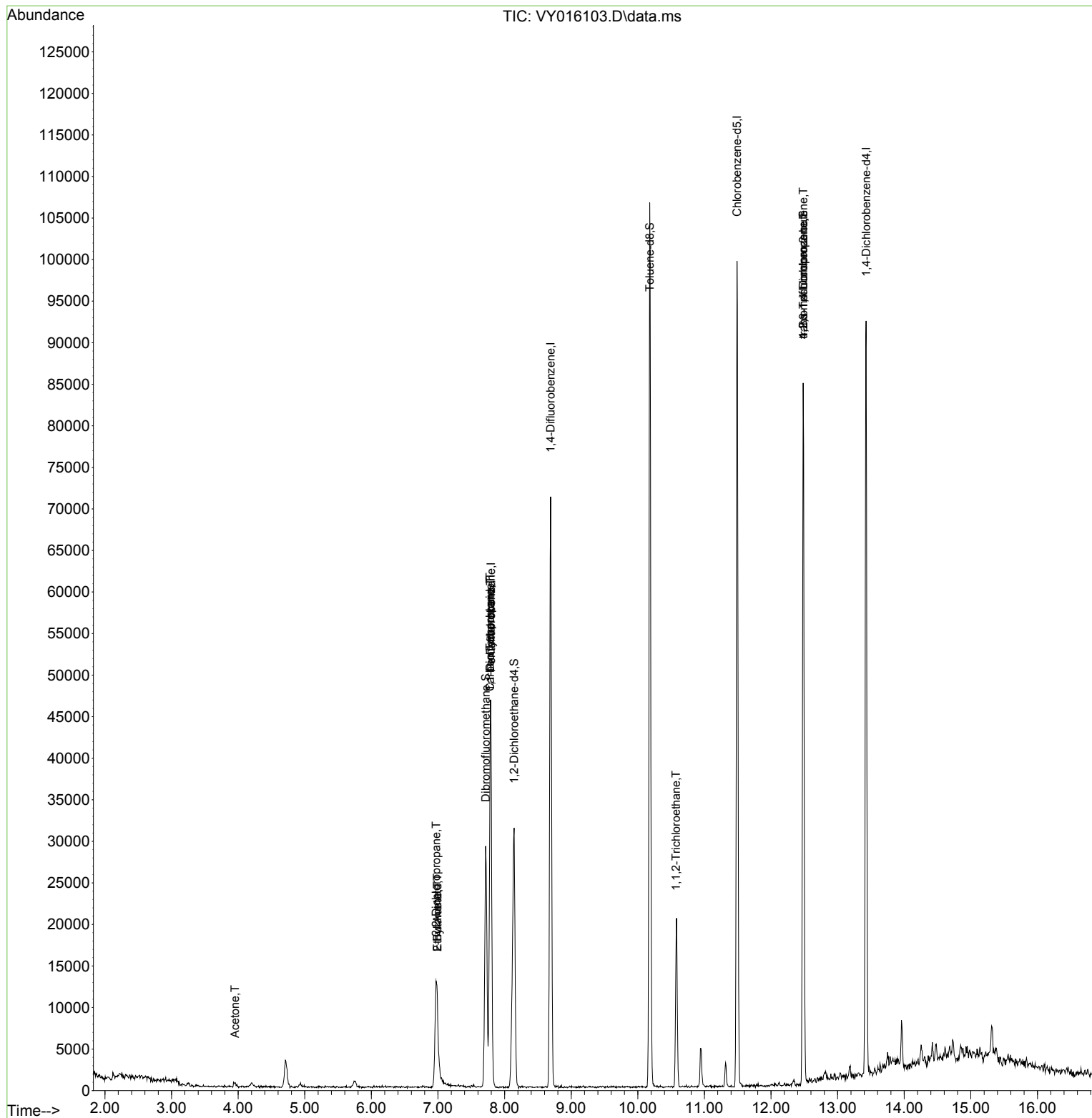
Internal Standards						
1) Pentafluorobenzene	7.795	168	37397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	62056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	56277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	21282	57.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.460%	
35) Dibromofluoromethane	7.716	113	20401	52.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.160%	
50) Toluene-d8	10.179	98	70863	48.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.660%	
62) 4-Bromofluorobenzene	12.483	95	22395	44.990	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	560	Below Cal	#	89
16) Acetone	3.954	43	1038	10.298	ug/l #	72
25) 2-Butanone	6.990	43	576	4.234	ug/l #	49
26) 2,2-Dichloropropane	6.972	77	1066	1.743	ug/l #	54
31) Cyclohexane	7.789	56	856	1.463	ug/l #	15
36) 1,1-Dichloropropene	7.783	75	3291	6.027	ug/l #	47
37) Ethyl Acetate	6.990	43	576	2.058	ug/l #	1
38) Carbon Tetrachloride	7.783	117	3652	6.324	ug/l #	18
55) 1,1,2-Trichloroethane	10.575	97	424	1.301	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	11465	46.084	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11465	100.145	ug/l #	11

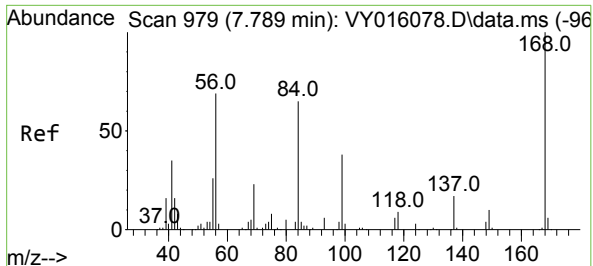
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
Data File : VY016103.D
Acq On : 27 Oct 2023 14:23
Operator : SY/MD
Sample : 05078-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

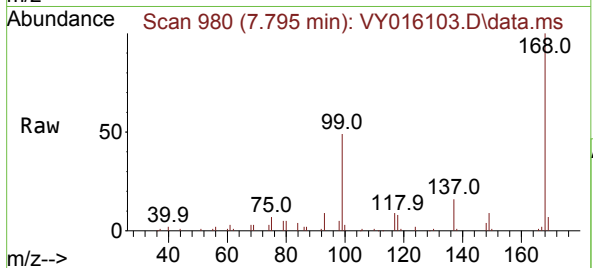
Quant Time: Oct 30 06:08:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration



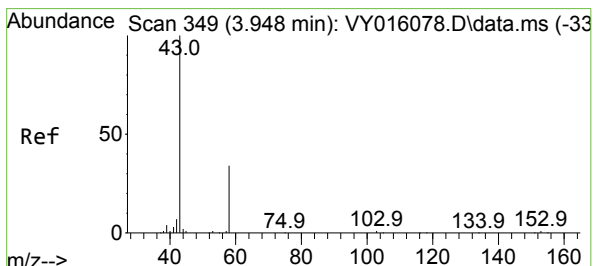
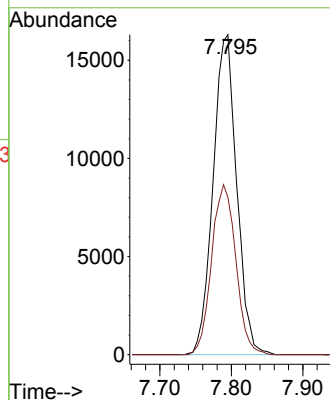
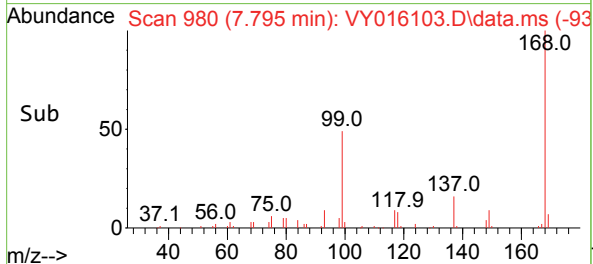


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016103.D
Acq: 27 Oct 2023 14:23

Instrument :
MSVOA_Y
ClientSampleId :

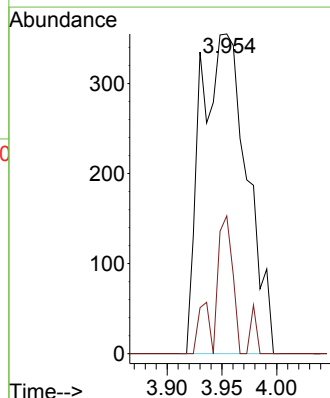
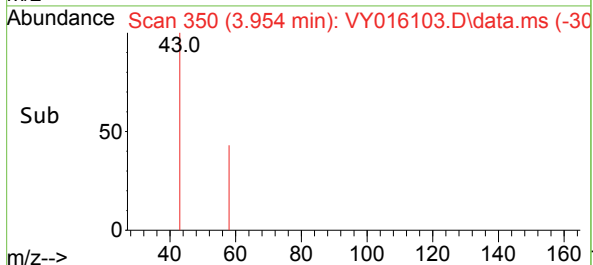
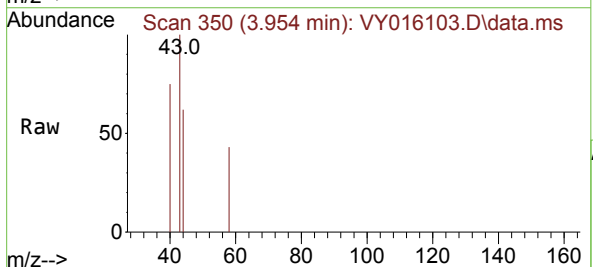


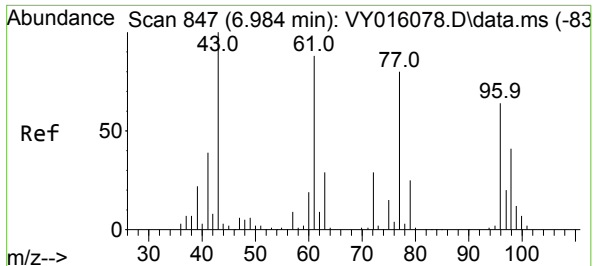
Tgt Ion:168 Resp: 37397
Ion Ratio Lower Upper
168 100
99 49.2 43.4 65.0



#16
Acetone
Concen: 10.298 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY016103.D
Acq: 27 Oct 2023 14:23

Tgt Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
58 43.1 22.7 34.1#





#25

2-Butanone

Concen: 4.234 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY016103.D

Acq: 27 Oct 2023 14:23

Instrument :

MSVOA_Y

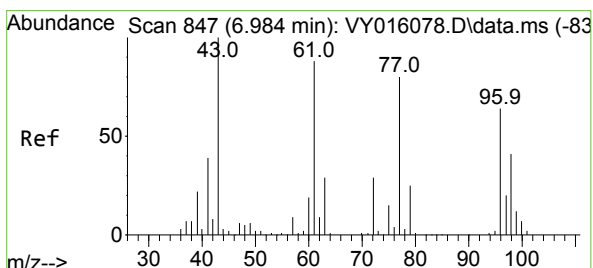
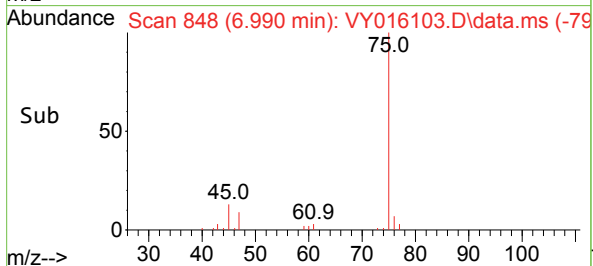
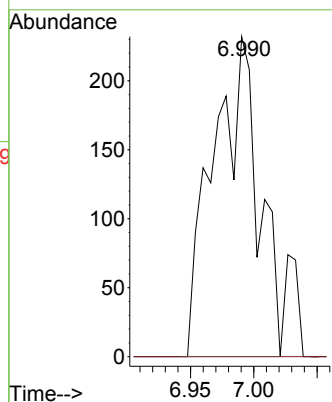
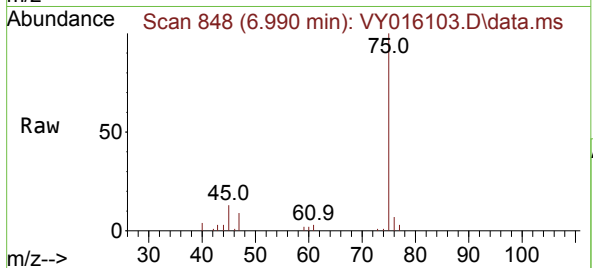
ClientSampleId :

Tgt Ion: 43 Resp: 576

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.743 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY016103.D

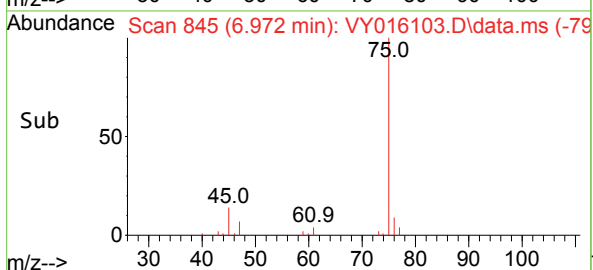
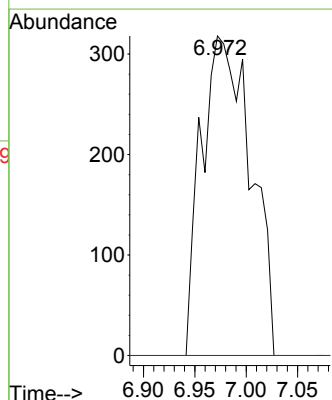
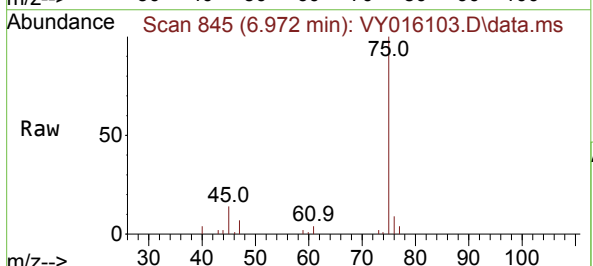
Acq: 27 Oct 2023 14:23

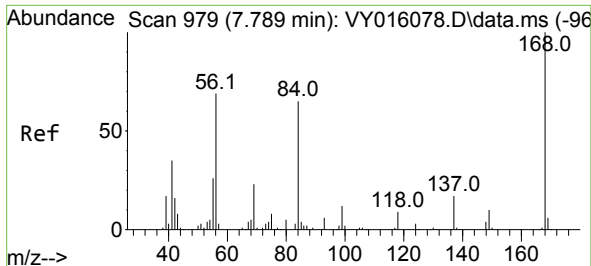
Tgt Ion: 77 Resp: 1066

Ion Ratio Lower Upper

77 100

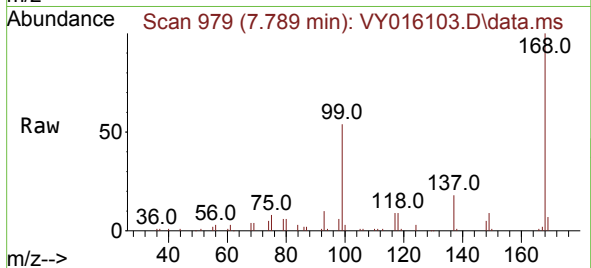
97 0.0 10.9 32.9#



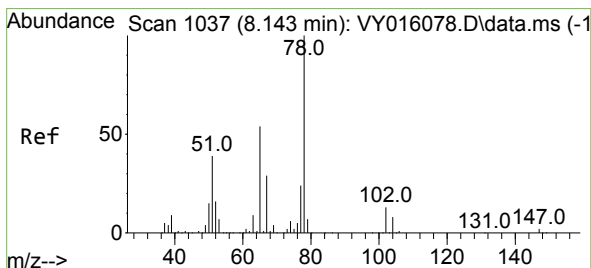
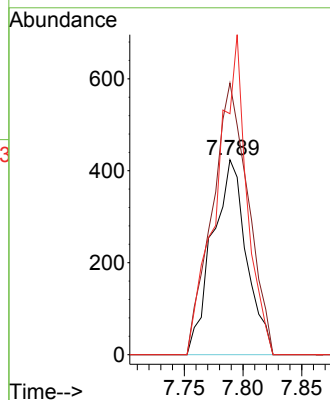
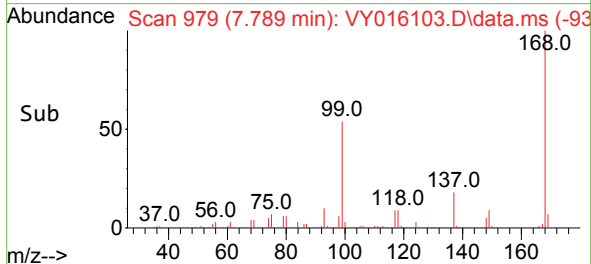


#31
Cyclohexane
Concen: 1.463 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016103.D
Acq: 27 Oct 2023 14:23

Instrument :
MSVOA_Y
ClientSampleId :

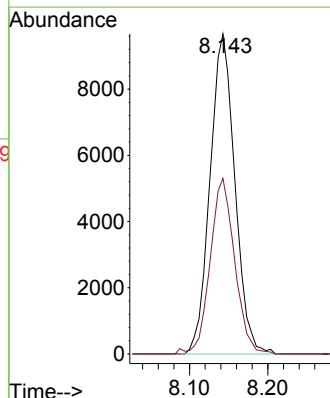
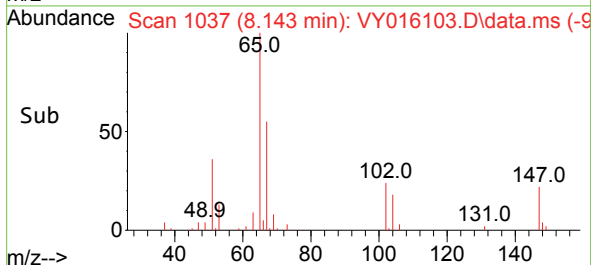
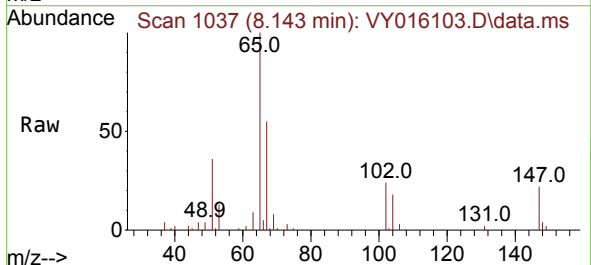


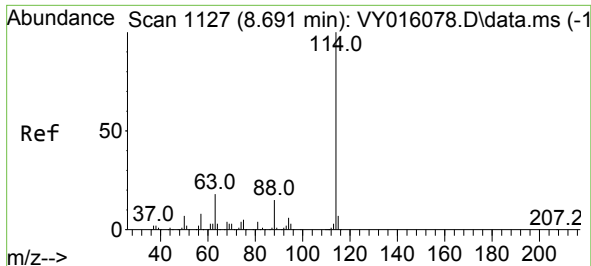
Tgt Ion: 56 Resp: 856
Ion Ratio Lower Upper
56 100
69 139.4 27.8 41.6#
84 123.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 57.231 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016103.D
Acq: 27 Oct 2023 14:23

Tgt Ion: 65 Resp: 21282
Ion Ratio Lower Upper
65 100
67 54.1 0.0 101.8

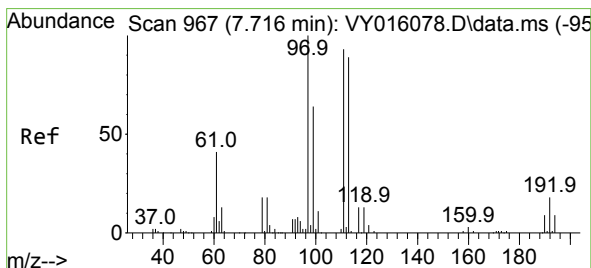
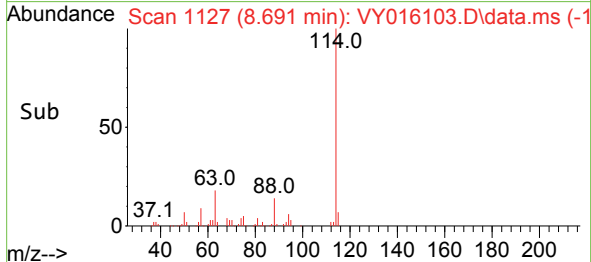
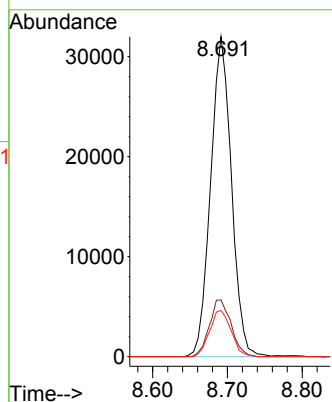
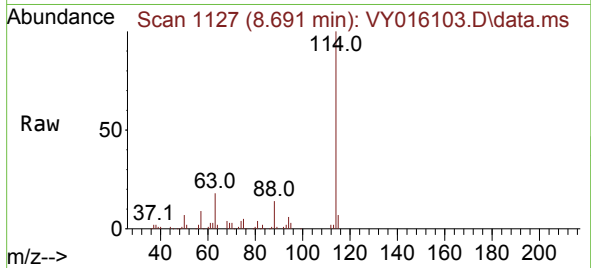




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY016103.D
Acq: 27 Oct 2023 14:23

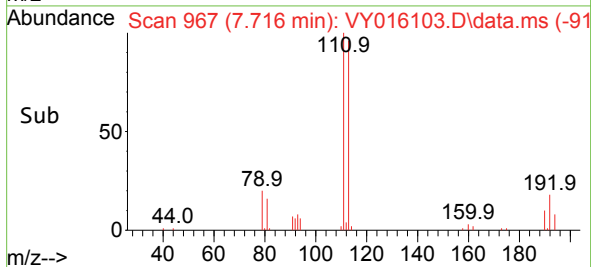
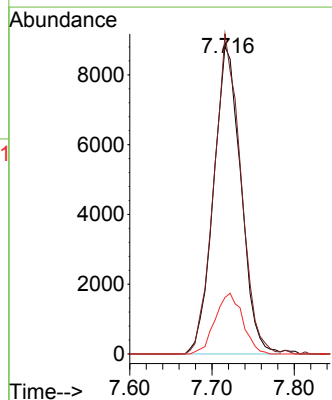
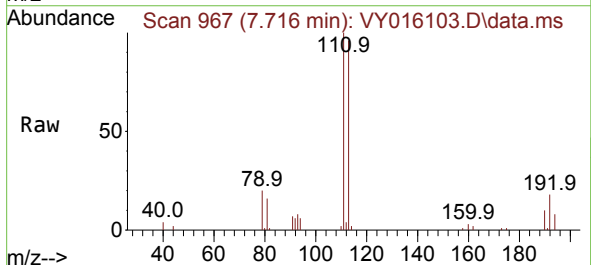
Instrument :
MSVOA_Y
ClientSampleId :

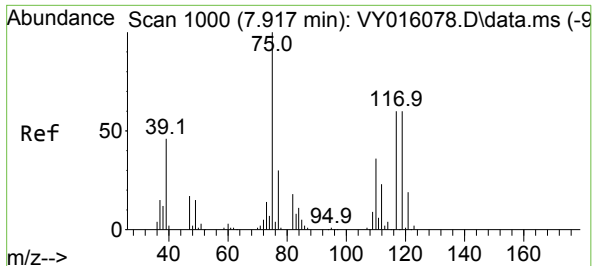
Tgt Ion:114 Resp: 62056
Ion Ratio Lower Upper
114 100
63 17.8 0.0 42.4
88 14.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.076 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016103.D
Acq: 27 Oct 2023 14:23

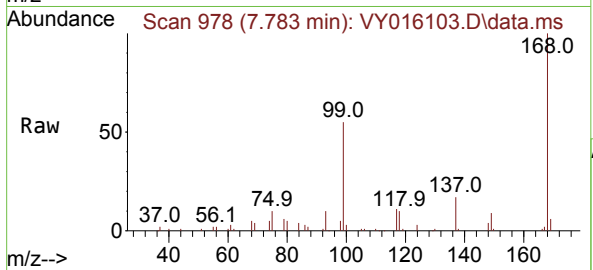
Tgt Ion:113 Resp: 20401
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.8 16.9 25.3



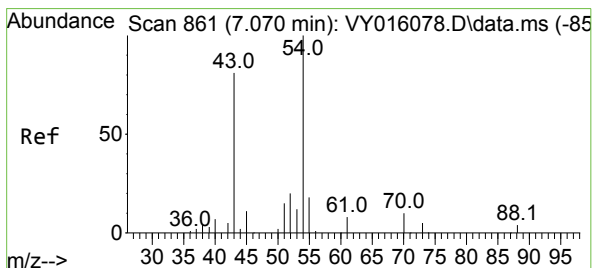
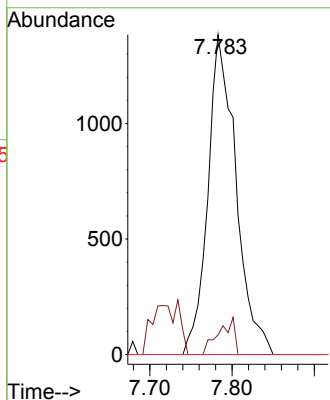
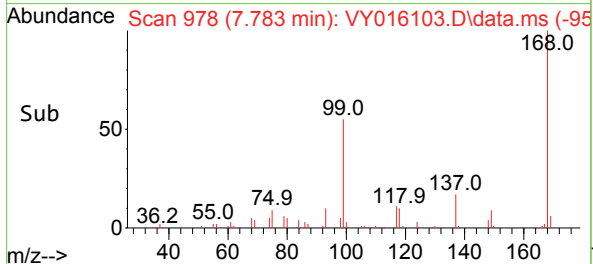


#36
 1,1-Dichloropropene
 Concen: 6.027 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY016103.D
 Acq: 27 Oct 2023 14:23

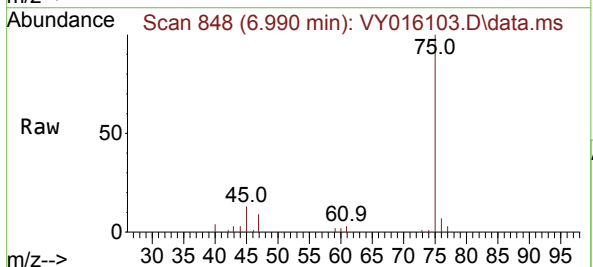
Instrument :
 MSVOA_Y
 ClientSampleId :



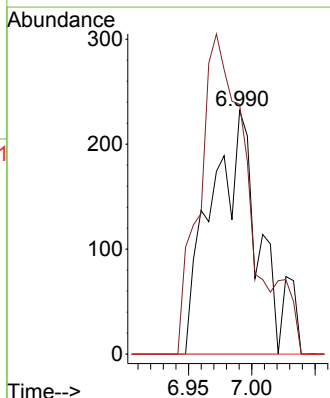
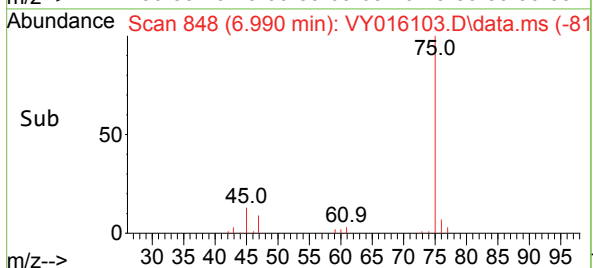
Tgt Ion: 75 Resp: 3291
 Ion Ratio Lower Upper
 75 100
 110 6.6 17.8 53.5#
 77 0.0 24.4 36.6#

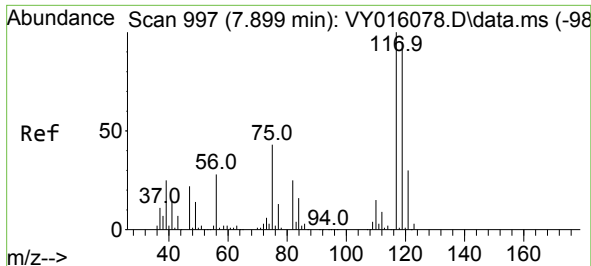


#37
 Ethyl Acetate
 Concen: 2.058 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. -0.079 min
 Lab File: VY016103.D
 Acq: 27 Oct 2023 14:23



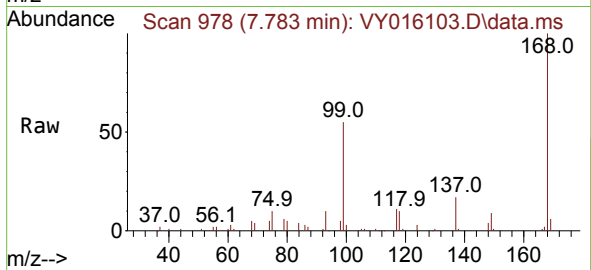
Tgt Ion: 43 Resp: 576
 Ion Ratio Lower Upper
 43 100
 61 132.1 10.1 15.1#
 70 0.0 7.1 10.7#



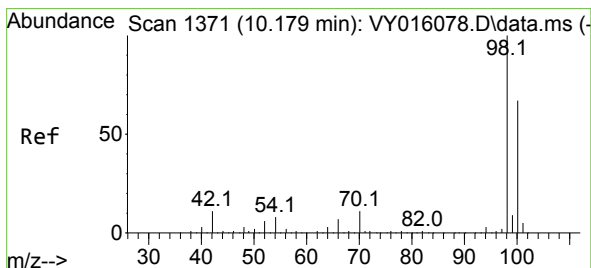
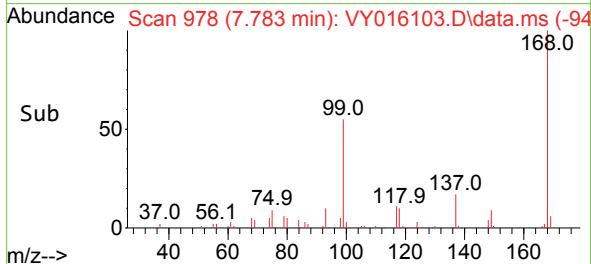
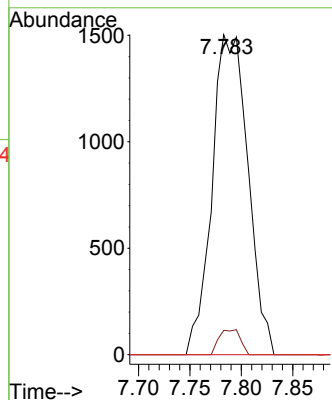


#38
Carbon Tetrachloride
Concen: 6.324 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016103.D
Acq: 27 Oct 2023 14:23

Instrument :
MSVOA_Y
ClientSampleId :

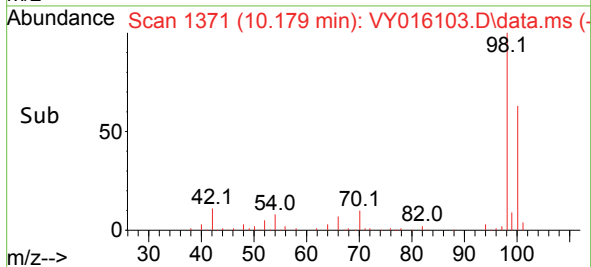
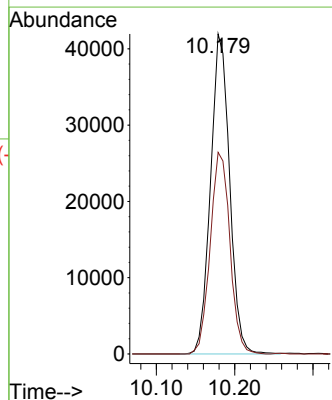
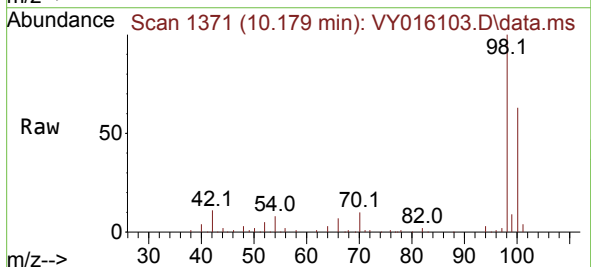


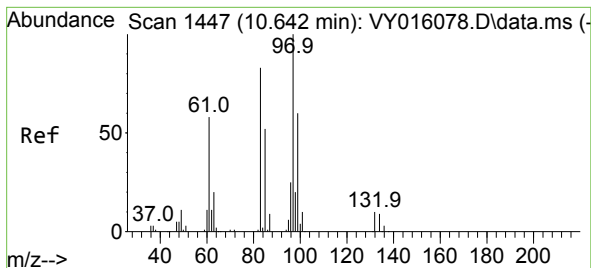
Tgt Ion:117 Resp: 3652
Ion Ratio Lower Upper
117 100
119 7.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.833 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY016103.D
Acq: 27 Oct 2023 14:23

Tgt Ion: 98 Resp: 70863
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1





#55

1,1,2-Trichloroethane

Concen: 1.301 ug/l

RT: 10.575 min Scan# 1447

Delta R.T. -0.067 min

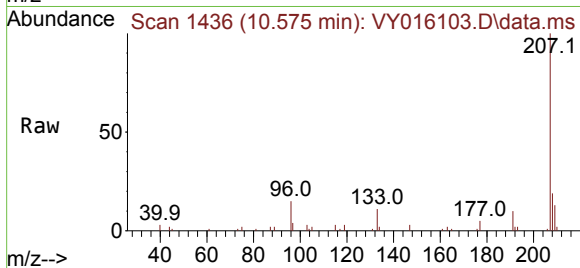
Lab File: VY016103.D

Acq: 27 Oct 2023 14:23

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 424

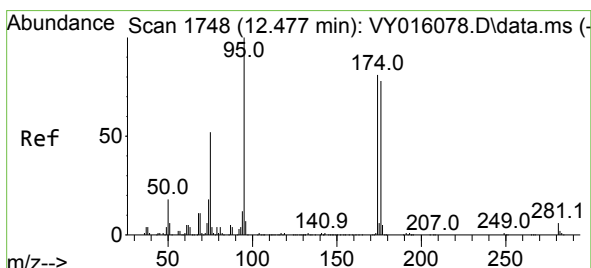
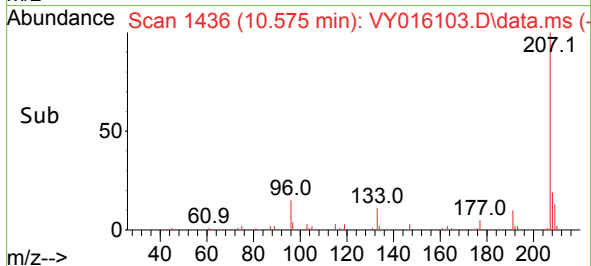
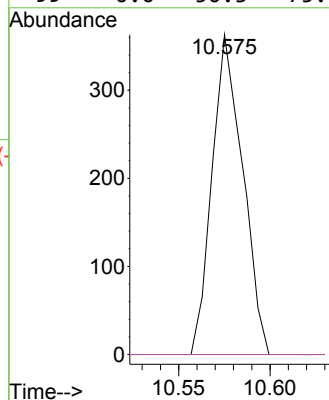
Ion Ratio Lower Upper

97 100

83 0.0 72.0 108.0#

85 0.0 45.4 68.0#

99 0.0 50.3 75.5#



#62

4-Bromofluorobenzene

Concen: 44.990 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016103.D

Acq: 27 Oct 2023 14:23

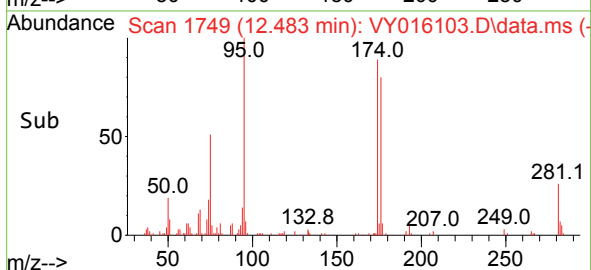
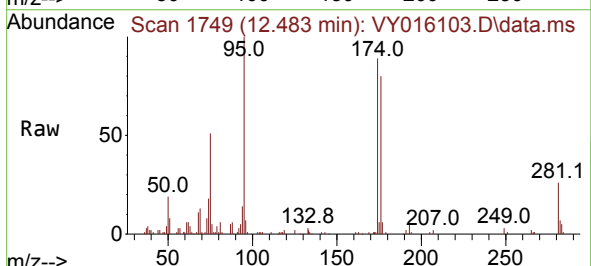
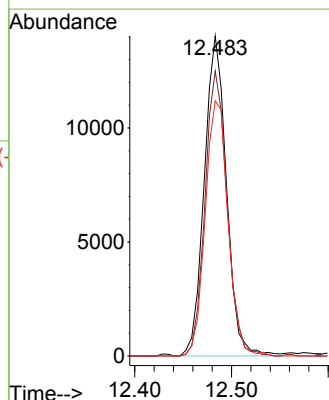
Tgt Ion: 95 Resp: 22395

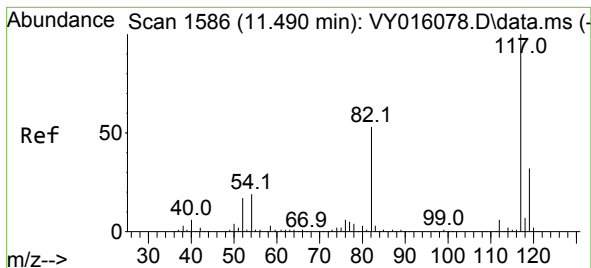
Ion Ratio Lower Upper

95 100

174 88.2 0.0 178.2

176 82.0 0.0 173.8

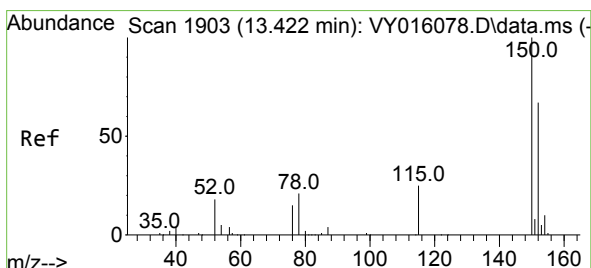
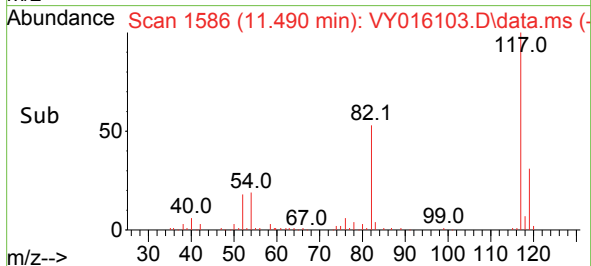
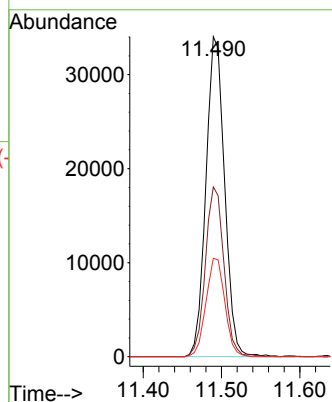
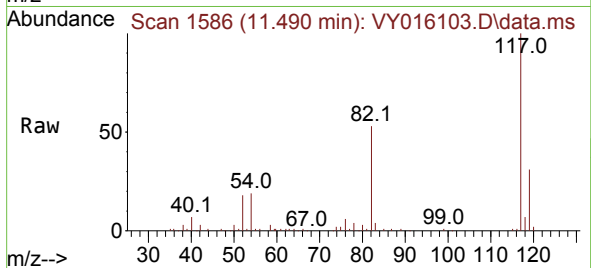




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016103.D
Acq: 27 Oct 2023 14:23

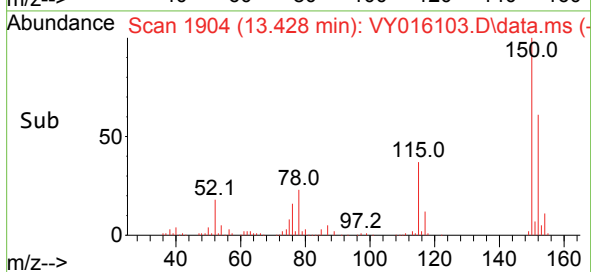
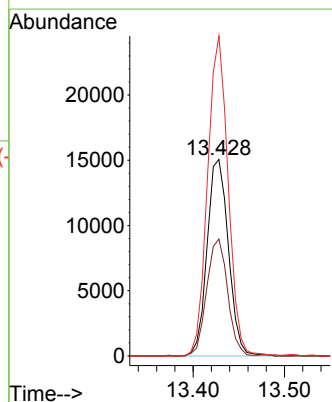
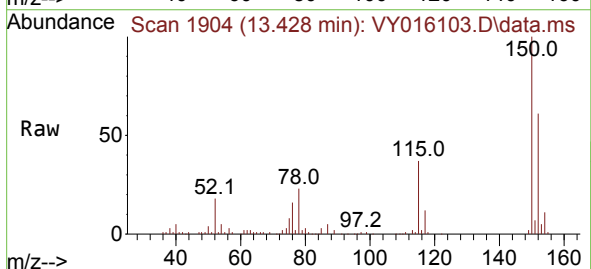
Instrument :
MSVOA_Y
ClientSampleId :

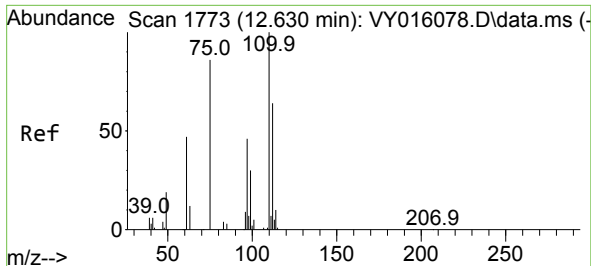
Tgt Ion:117 Resp: 56277
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 30.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016103.D
Acq: 27 Oct 2023 14:23

Tgt Ion:152 Resp: 24368
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 156.6 0.0 348.8

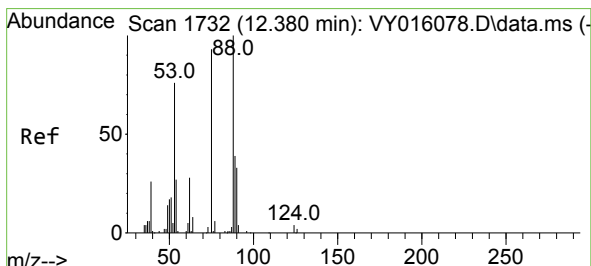
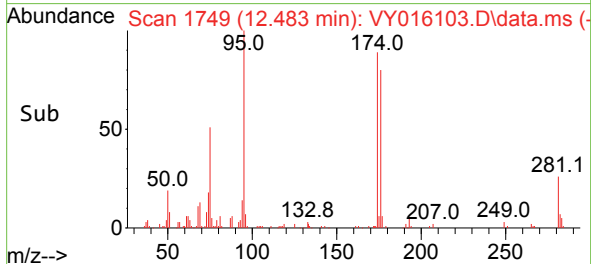
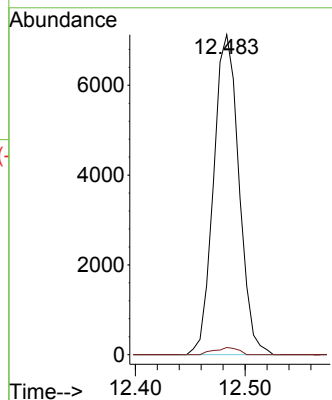
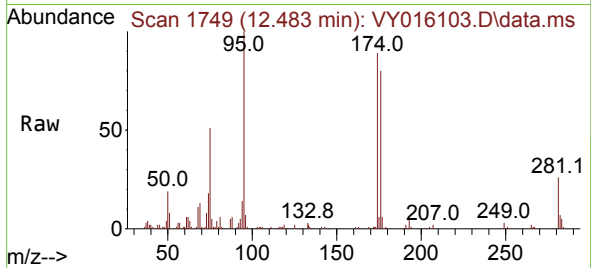




#76
1,2,3-Trichloropropane
Concen: 46.084 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY016103.D
Acq: 27 Oct 2023 14:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 11465
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.145 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY016103.D
Acq: 27 Oct 2023 14:23

Tgt Ion: 75 Resp: 11465
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#

