

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016105.D
 Acq On : 27 Oct 2023 15:10
 Operator : SY/MD
 Sample : 05050-08RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 06:09:10 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)

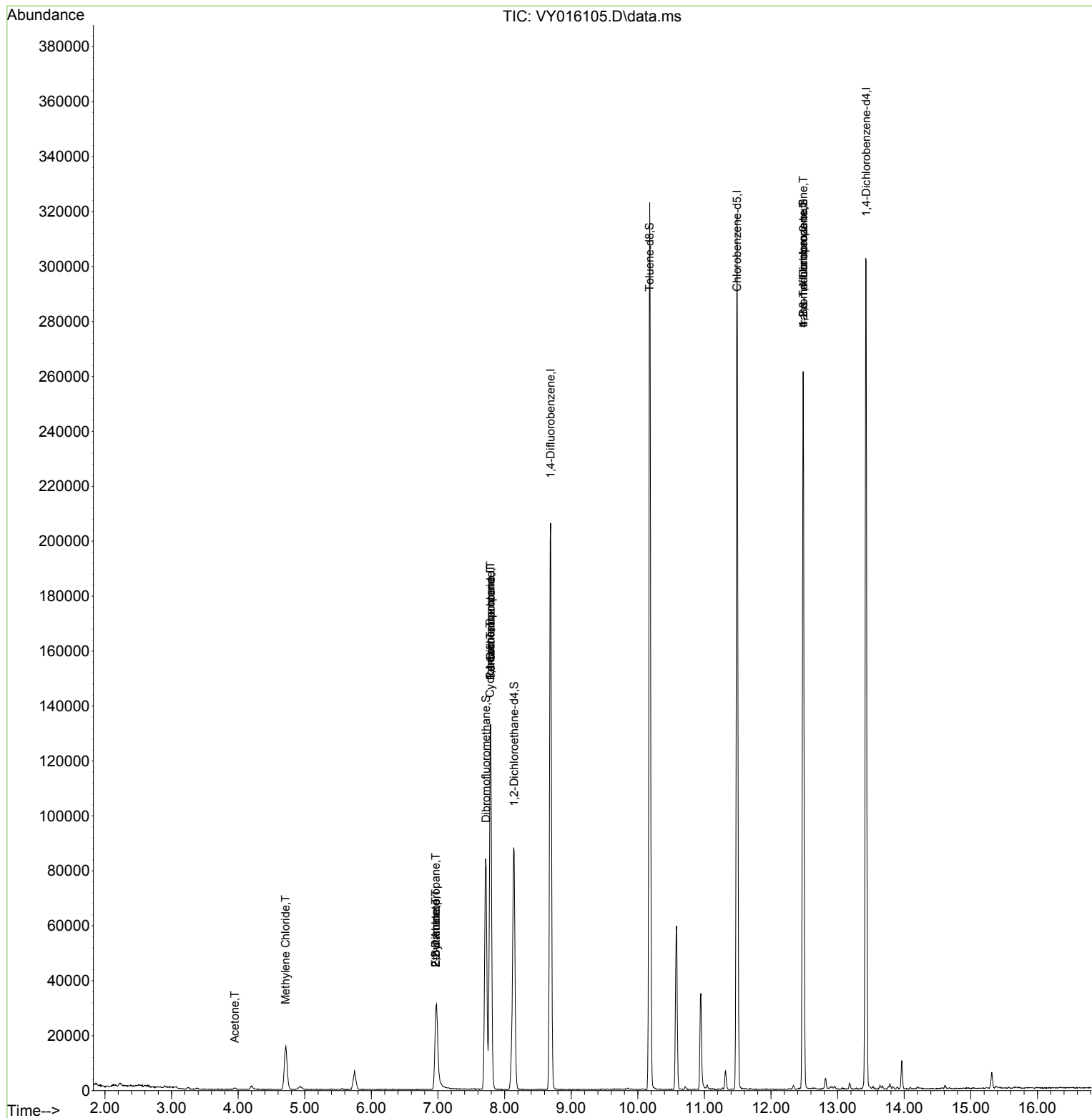
Internal Standards						
1) Pentafluorobenzene	7.789	168	105070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	181695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	173397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63883	61.145	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.300%			
35) Dibromofluoromethane	7.722	113	61205	53.359	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.720%			
50) Toluene-d8	10.179	98	217400	51.167	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.340%			
62) 4-Bromofluorobenzene	12.483	95	73410	50.369	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.740%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	816	Below Cal	#	89
16) Acetone	3.948	43	1058	3.736	ug/l	93
20) Methylene Chloride	4.710	84	12185	5.907	ug/l	85
25) 2-Butanone	6.966	43	1737	4.545	ug/l #	74
26) 2,2-Dichloropropane	6.966	77	2671	1.554	ug/l #	54
31) Cyclohexane	7.783	56	1967	1.197	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8485	5.307	ug/l #	50
37) Ethyl Acetate	6.966	43	1737	2.120	ug/l #	1
38) Carbon Tetrachloride	7.789	117	10896	6.444	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	37663	45.538	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37663	98.960	ug/l #	11

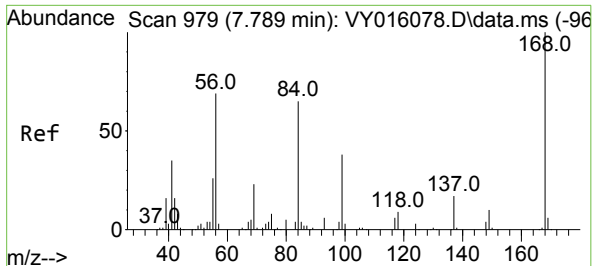
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
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ALS Vial : 14 Sample Multiplier: 1

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MSVOA_Y
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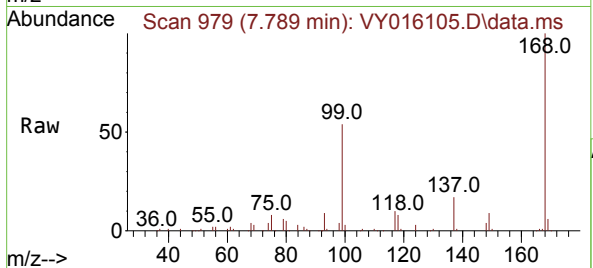
Quant Time: Oct 30 06:09:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
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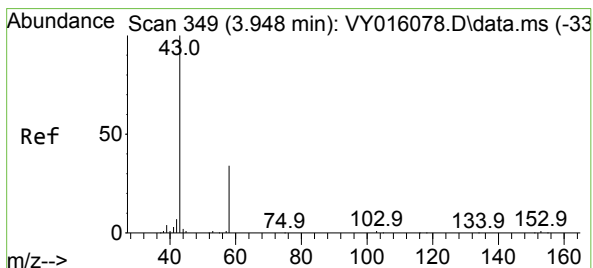
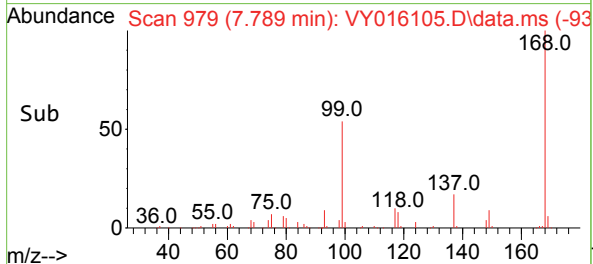
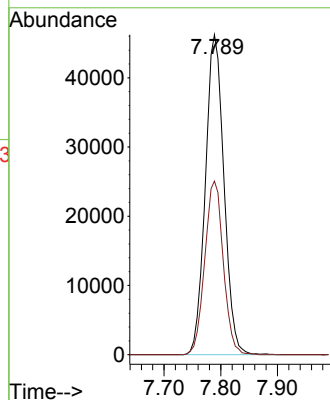


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016105.D
Acq: 27 Oct 2023 15:10

Instrument :
MSVOA_Y
ClientSampleId :

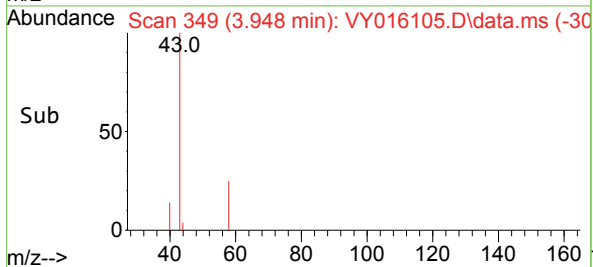
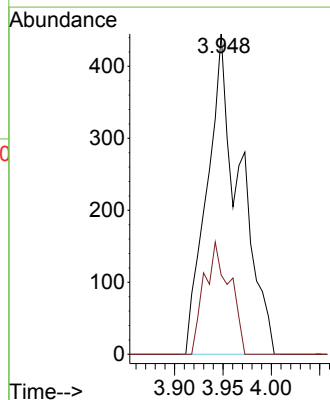
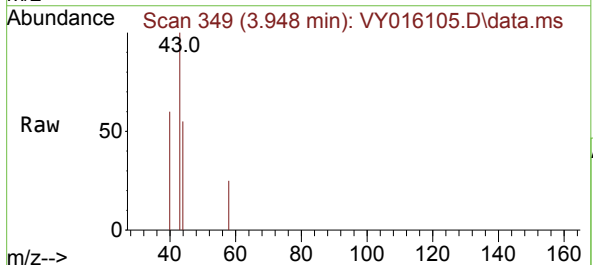


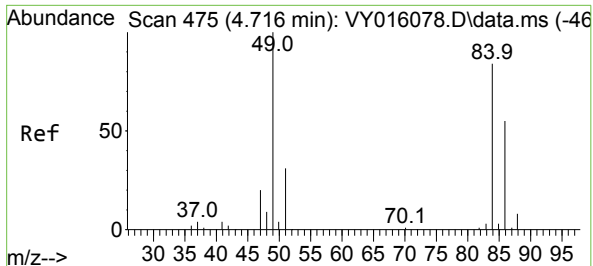
Tgt Ion:168 Resp: 105070
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#16
Acetone
Concen: 3.736 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY016105.D
Acq: 27 Oct 2023 15:10

Tgt Ion: 43 Resp: 1058
Ion Ratio Lower Upper
43 100
58 24.7 22.7 34.1





#20

Methylene Chloride

Concen: 5.907 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

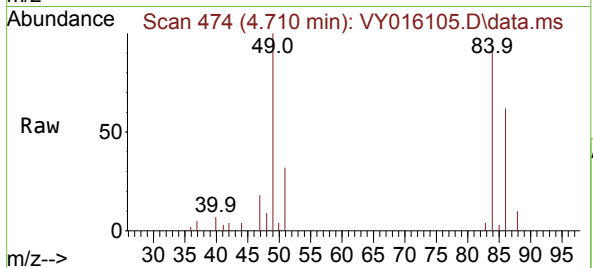
Lab File: VY016105.D

Acq: 27 Oct 2023 15:10

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 12185

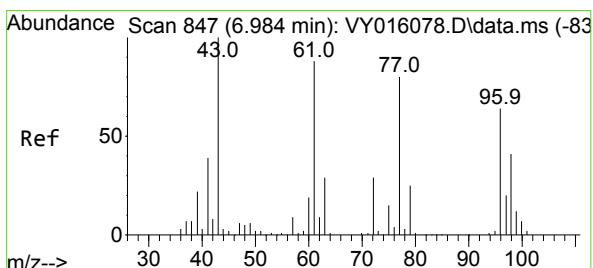
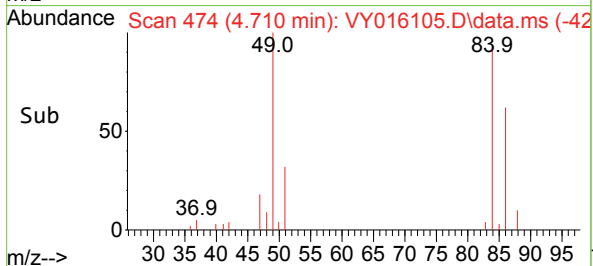
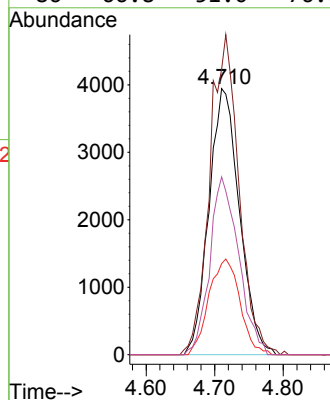
Ion Ratio Lower Upper

84 100

49 107.4 106.9 160.3

51 34.3 33.2 49.8

86 66.8 51.0 76.6



#25

2-Butanone

Concen: 4.545 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.018 min

Lab File: VY016105.D

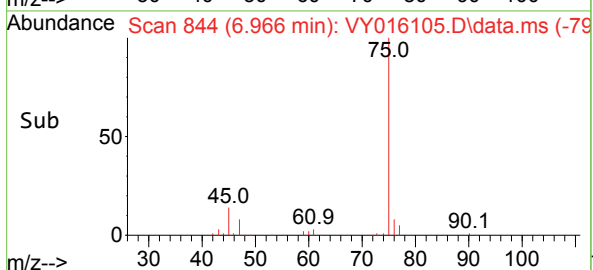
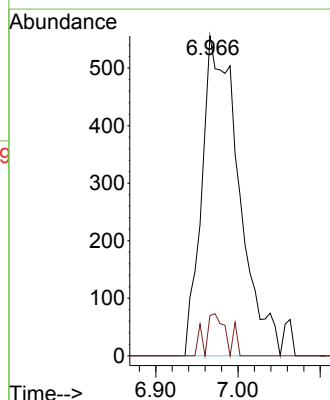
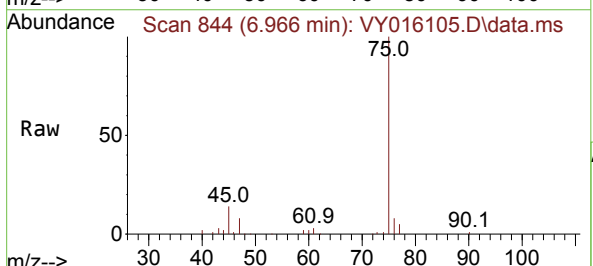
Acq: 27 Oct 2023 15:10

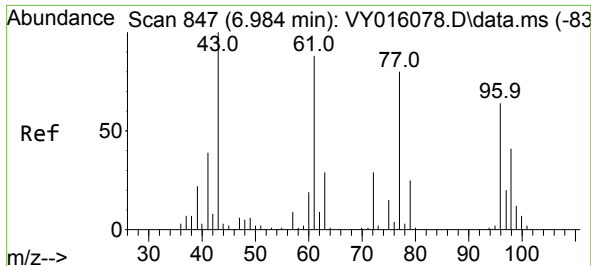
Tgt Ion: 43 Resp: 1737

Ion Ratio Lower Upper

43 100

72 12.6 20.5 30.7#

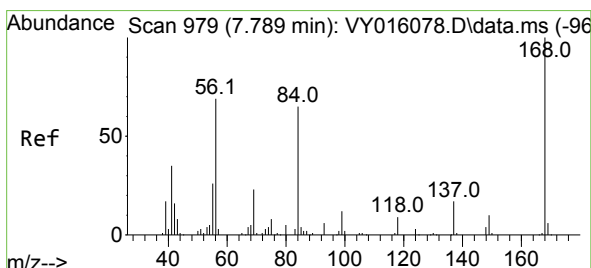
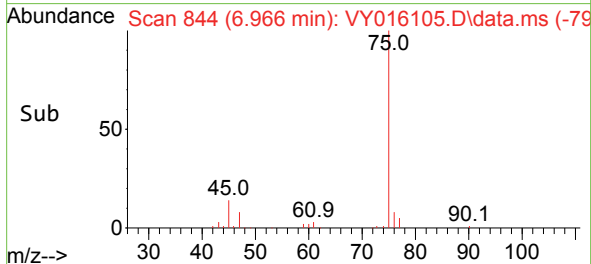
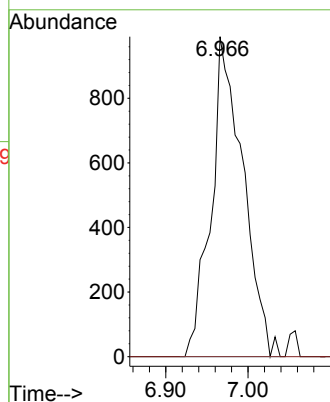
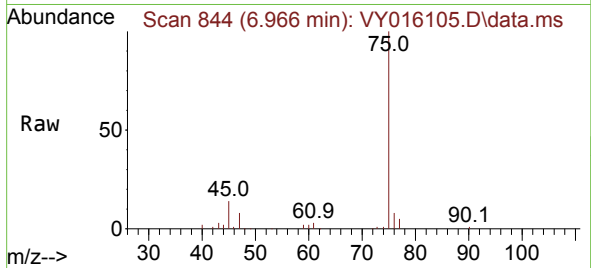




#26
2,2-Dichloropropane
Concen: 1.554 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY016105.D
Acq: 27 Oct 2023 15:10

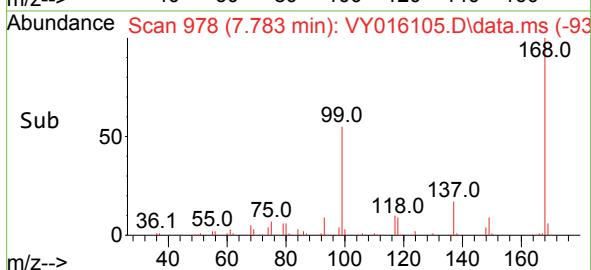
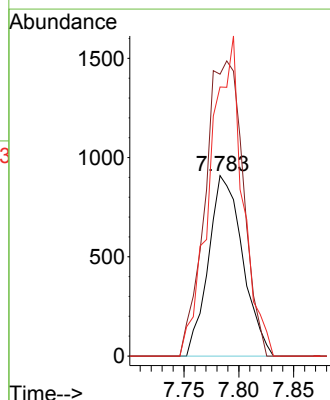
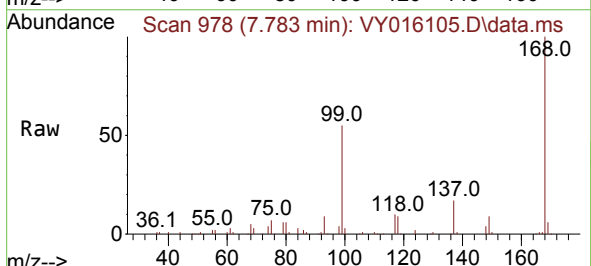
Instrument :
MSVOA_Y
ClientSampleId :

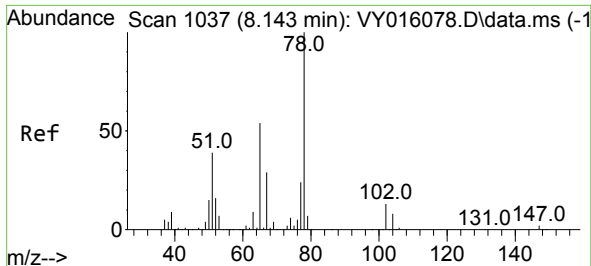
Tgt Ion: 77 Resp: 2671
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY016105.D
Acq: 27 Oct 2023 15:10

Tgt Ion: 56 Resp: 1967
Ion Ratio Lower Upper
56 100
69 156.2 27.8 41.6#
84 149.2 66.4 99.6#

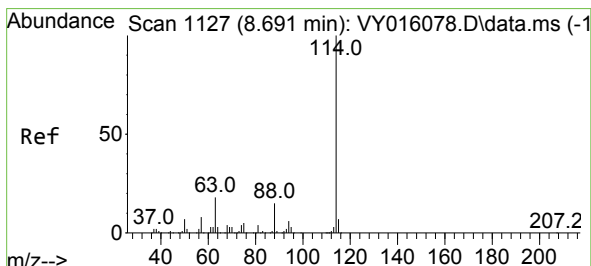
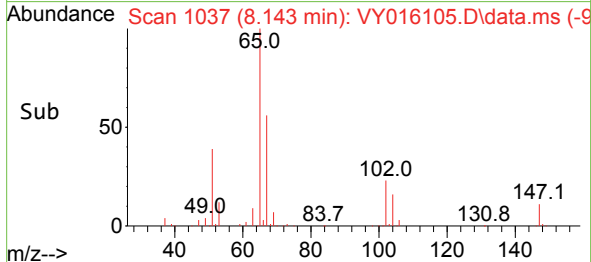
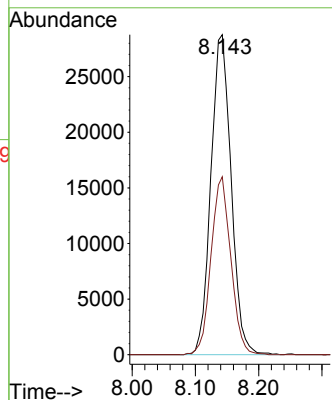
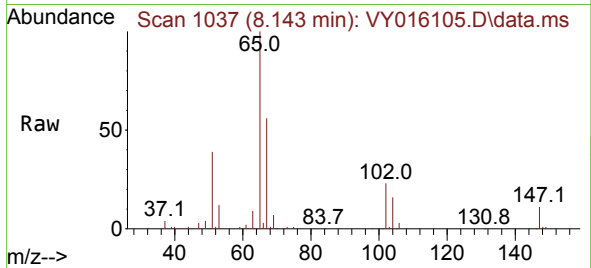




#33
 1,2-Dichloroethane-d4
 Concen: 61.145 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY016105.D
 Acq: 27 Oct 2023 15:10

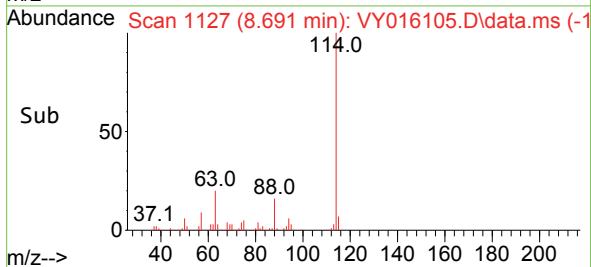
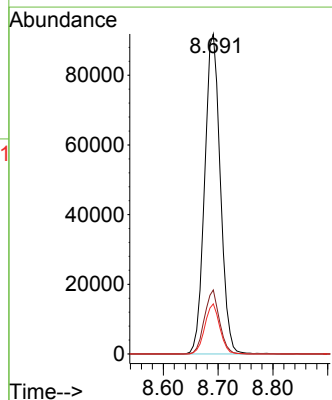
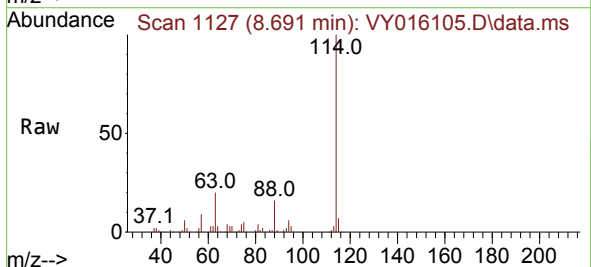
Instrument :
 MSVOA_Y
 ClientSampleId :

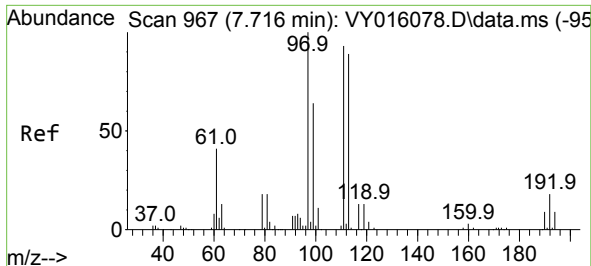
Tgt Ion: 65 Resp: 63883
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016105.D
 Acq: 27 Oct 2023 15:10

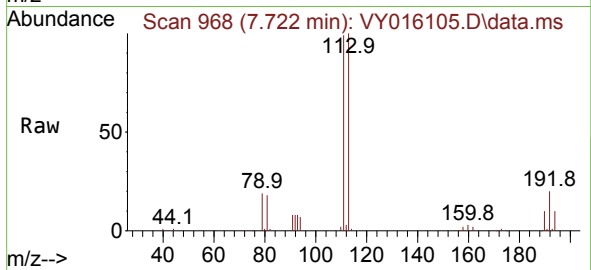
Tgt Ion: 114 Resp: 181695
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 15.7 0.0 30.6



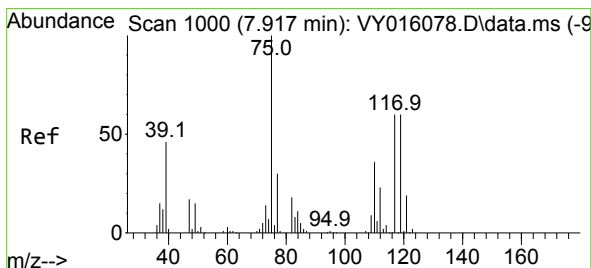
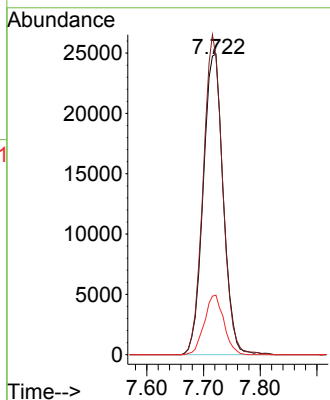
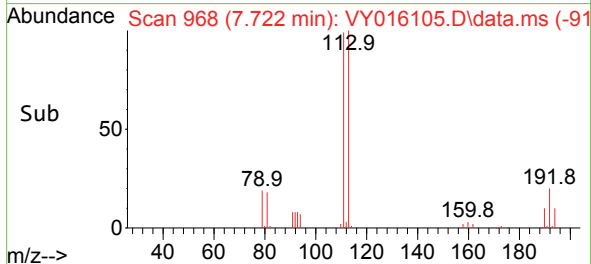


#35
Dibromofluoromethane
Concen: 53.359 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY016105.D
Acq: 27 Oct 2023 15:10

Instrument :
MSVOA_Y
ClientSampleId :

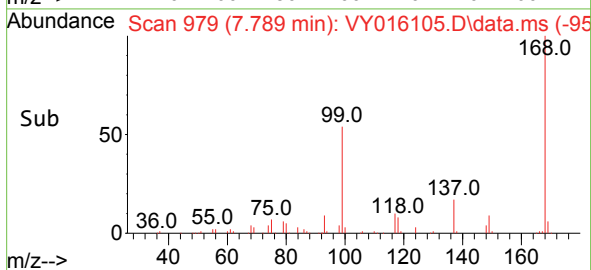
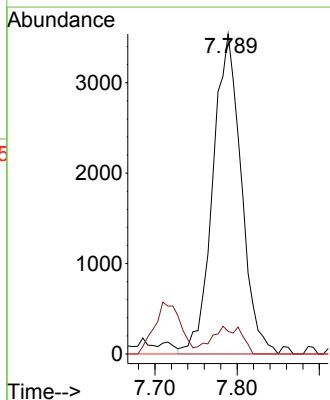
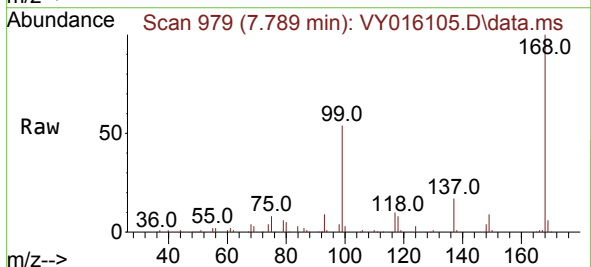


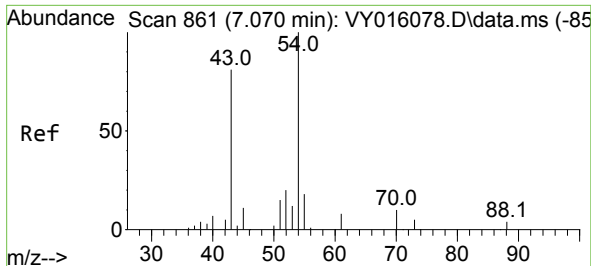
Tgt Ion:113 Resp: 61205
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.307 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY016105.D
Acq: 27 Oct 2023 15:10

Tgt Ion: 75 Resp: 8485
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.120 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.104 min

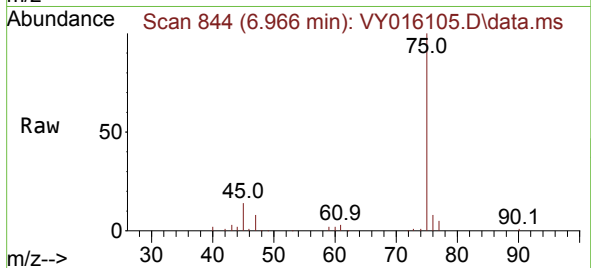
Lab File: VY016105.D

Acq: 27 Oct 2023 15:10

Instrument :

MSVOA_Y

ClientSampleId :



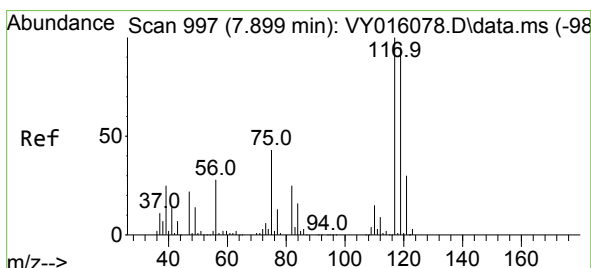
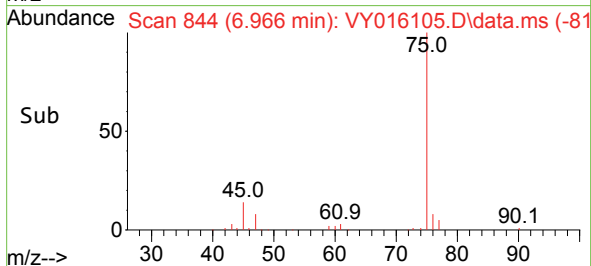
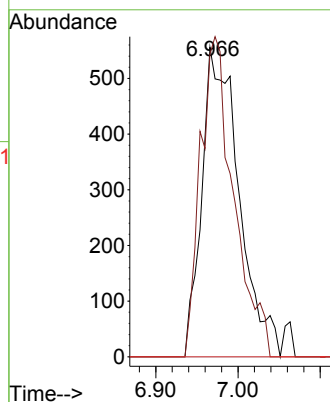
Tgt Ion: 43 Resp: 1737

Ion Ratio Lower Upper

43 100

61 92.9 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.444 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY016105.D

Acq: 27 Oct 2023 15:10

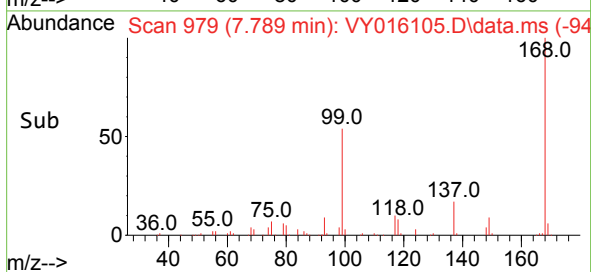
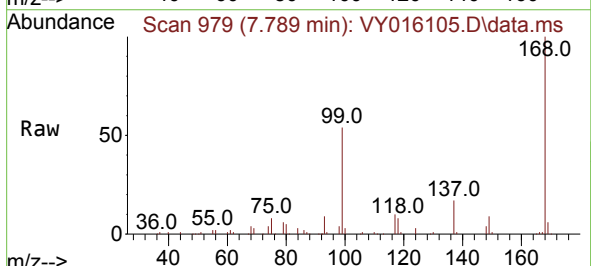
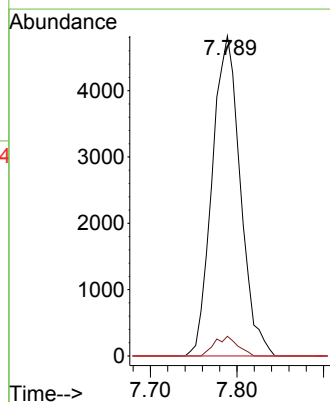
Tgt Ion: 117 Resp: 10896

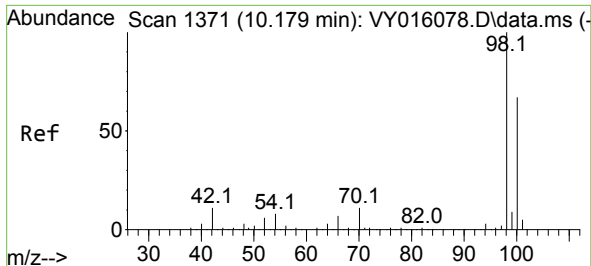
Ion Ratio Lower Upper

117 100

119 6.1 76.4 114.6#

121 0.0 25.8 38.6#

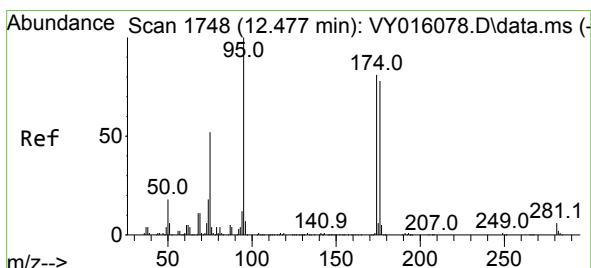
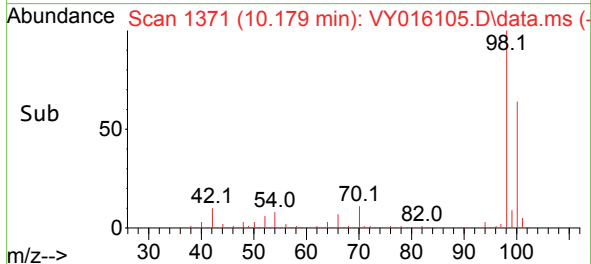
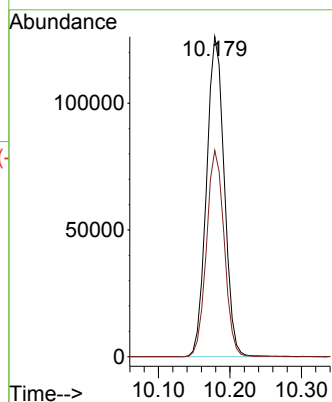
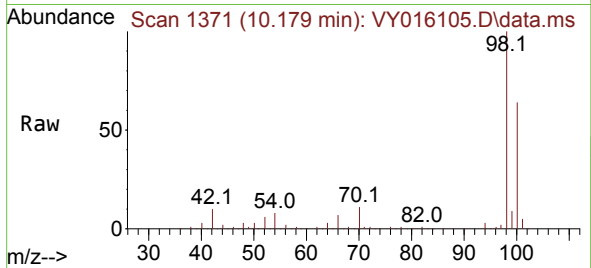




#50
Toluene-d8
Concen: 51.167 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016105.D
Acq: 27 Oct 2023 15:10

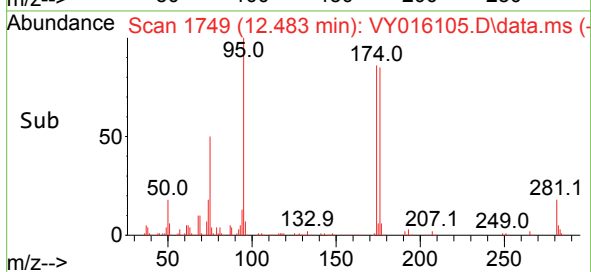
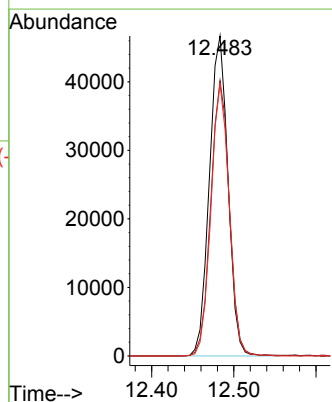
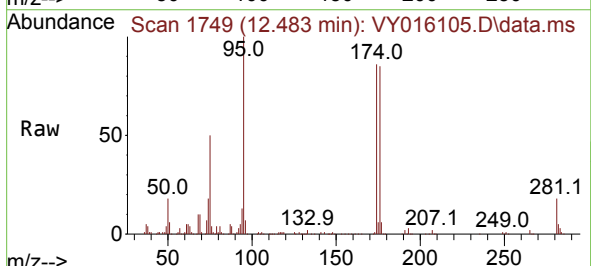
Instrument :
MSVOA_Y
ClientSampleId :

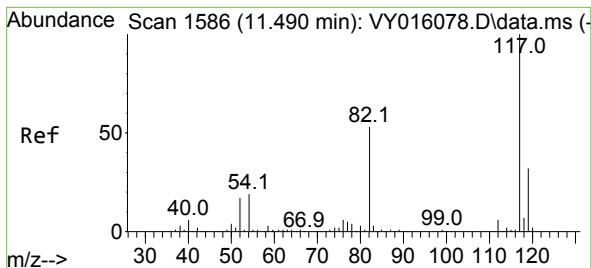
Tgt Ion: 98 Resp: 217400
Ion Ratio Lower Upper
98 100
100 64.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.369 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016105.D
Acq: 27 Oct 2023 15:10

Tgt Ion: 95 Resp: 73410
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 83.3 0.0 173.8

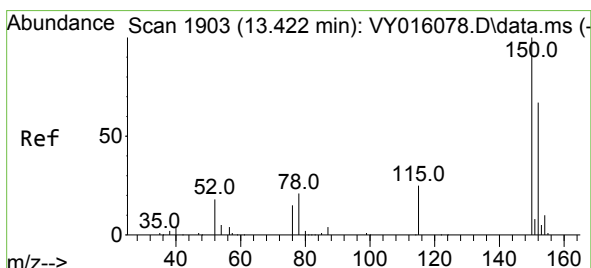
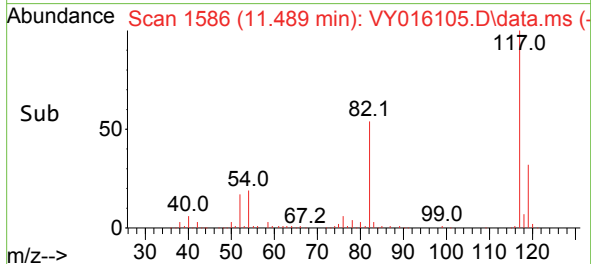
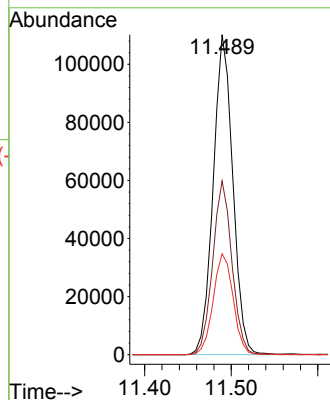
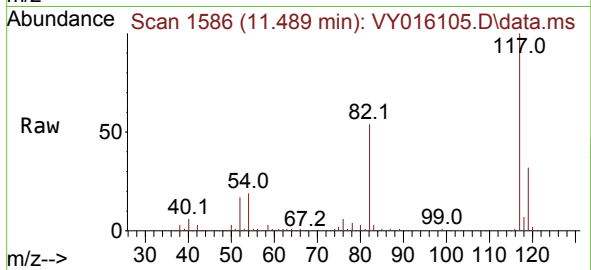




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016105.D
Acq: 27 Oct 2023 15:10

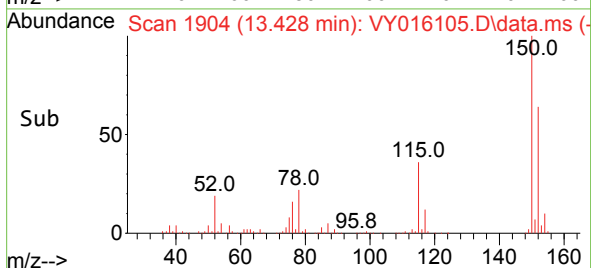
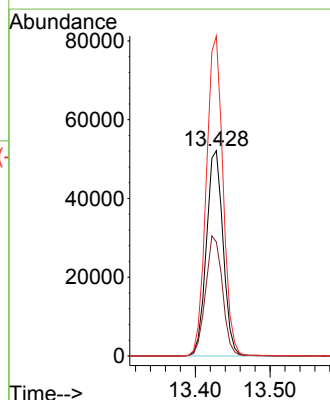
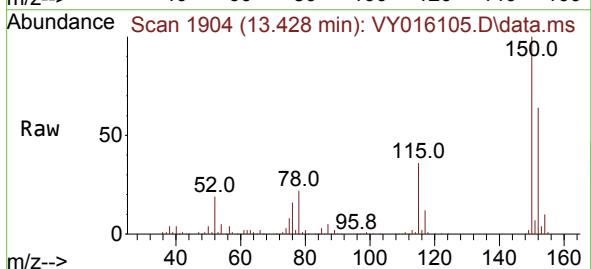
Instrument :
MSVOA_Y
ClientSampleId :

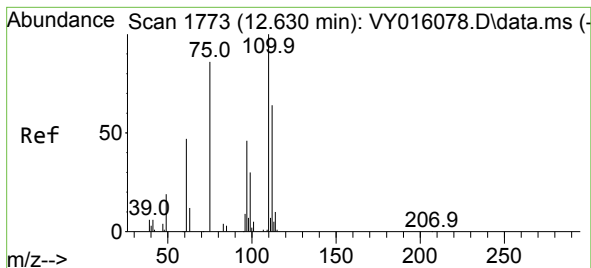
Tgt Ion:117 Resp: 173397
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 31.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016105.D
Acq: 27 Oct 2023 15:10

Tgt Ion:152 Resp: 81008
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.5
150 155.9 0.0 348.8

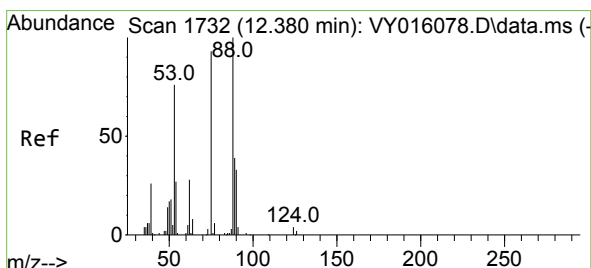
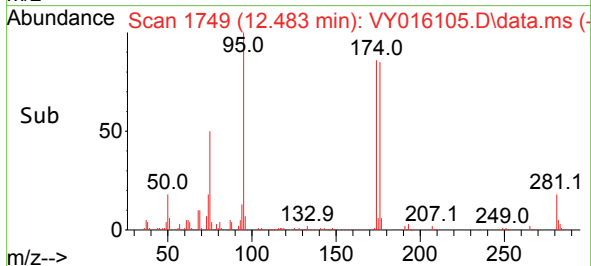
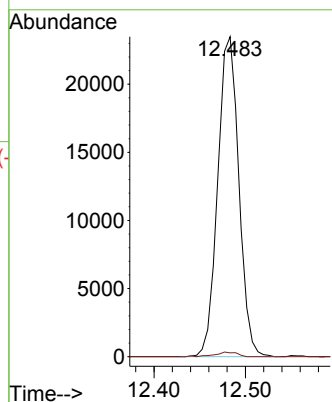
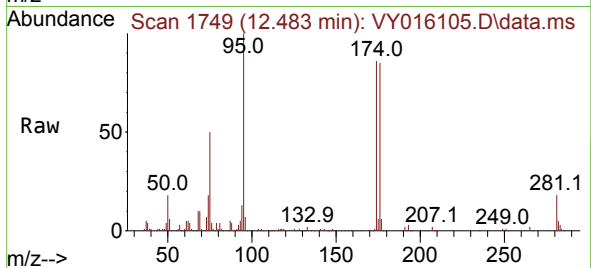




#76
1,2,3-Trichloropropane
Concen: 45.538 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY016105.D
Acq: 27 Oct 2023 15:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37663
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.960 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY016105.D
Acq: 27 Oct 2023 15:10

Tgt Ion: 75 Resp: 37663
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.4 37.4 56.0#

