

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016232.D
 Acq On : 06 Nov 2023 13:20
 Operator : SY/MD
 Sample : 05237-02
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 23:56:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

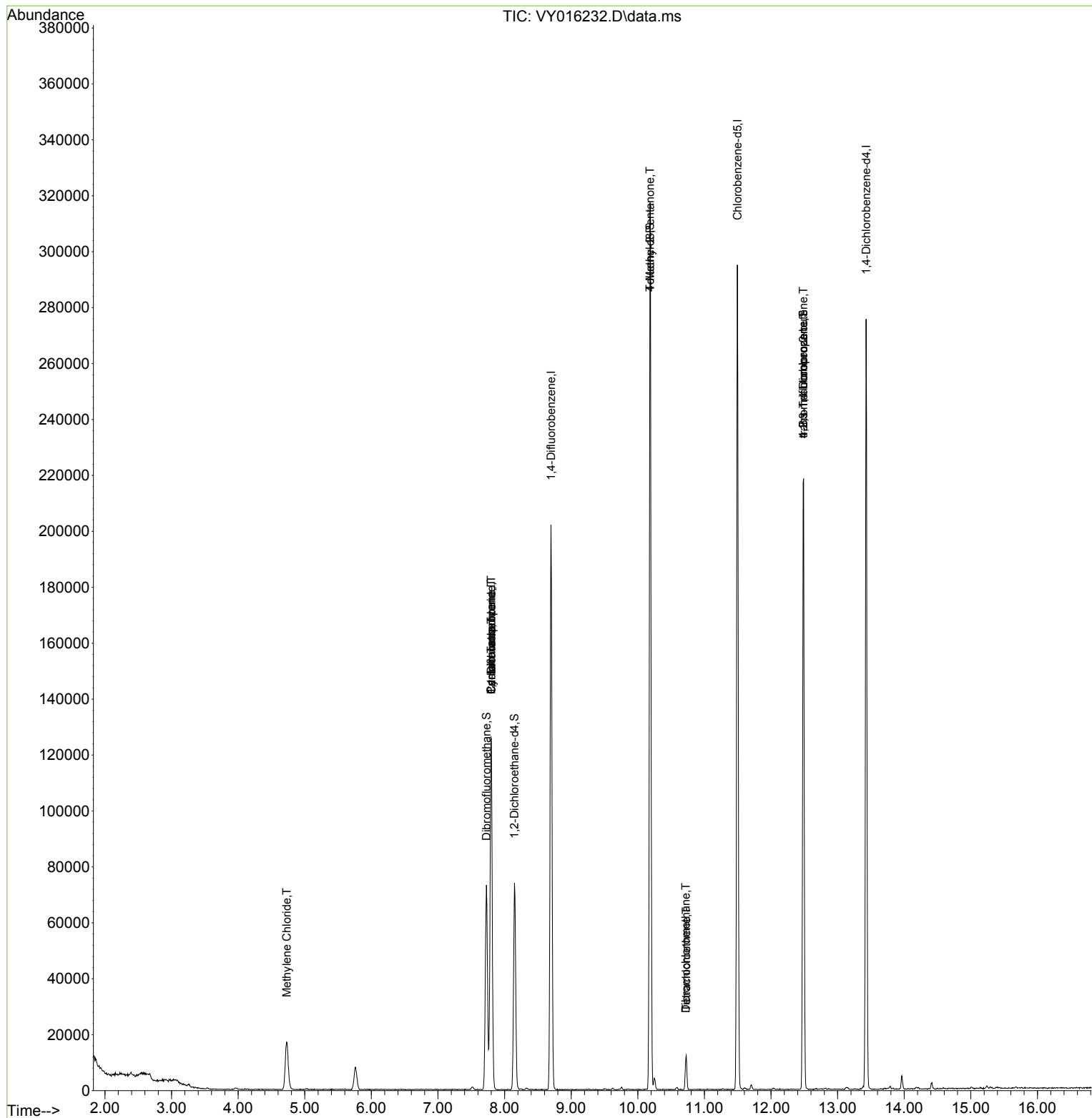
Internal Standards						
1) Pentafluorobenzene	7.801	168	101302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	175605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	161763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	57180	60.322	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.640%			
35) Dibromofluoromethane	7.728	113	51548	49.238	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.480%			
50) Toluene-d8	10.185	98	206447	49.737	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.480%			
62) 4-Bromofluorobenzene	12.483	95	67451	47.523	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.040%			
Target Compounds					Qvalue	
16) Acetone	3.966	43	944	Below Cal	#	88
20) Methylene Chloride	4.728	84	13818	12.018	ug/l	91
31) Cyclohexane	7.801	56	1779	1.221	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	7302	4.830	ug/l #	50
38) Carbon Tetrachloride	7.801	117	9687	6.468	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	874	1.315	ug/l #	1
60) Dibromochloromethane	10.721	129	1943	1.859	ug/l #	11
64) Tetrachloroethene	10.727	164	2594	1.803	ug/l	91
76) 1,2,3-Trichloropropane	12.483	75	35207	53.173	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35207	115.292	ug/l #	10

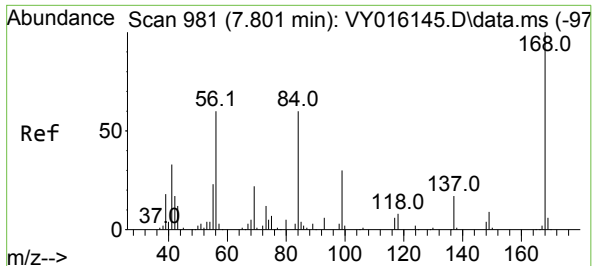
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016232.D
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Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 06 23:56:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

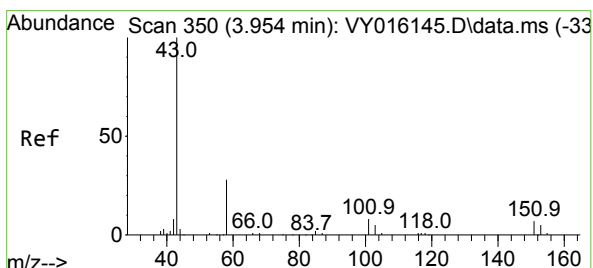
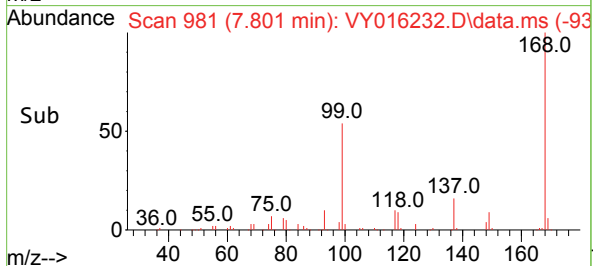
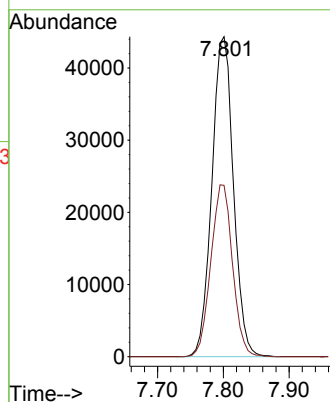
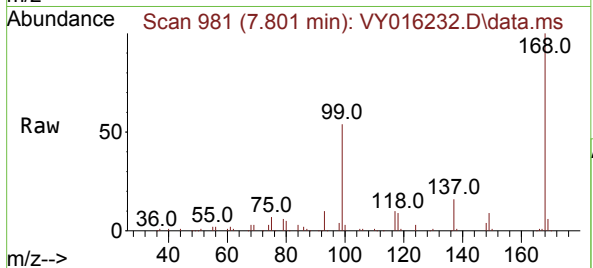




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

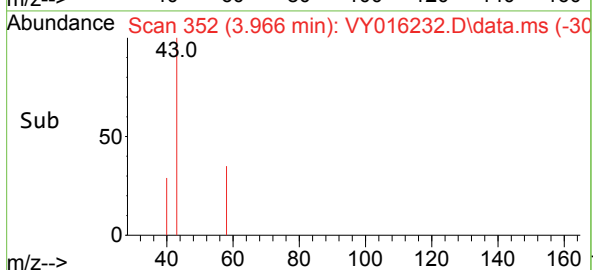
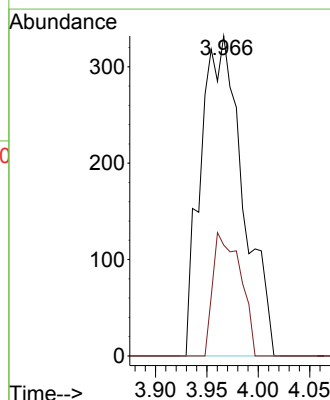
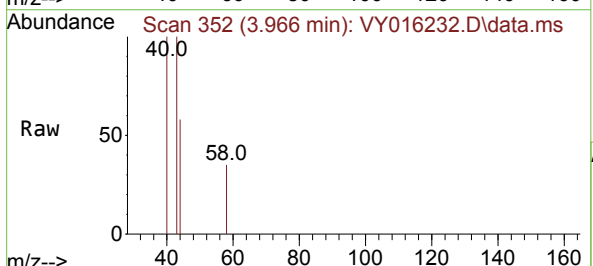
Instrument :
MSVOA_Y
ClientSampleId :

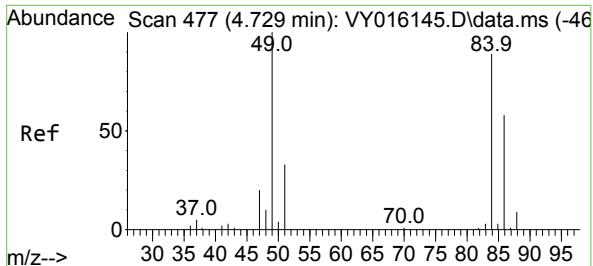
Tgt Ion:168 Resp: 101302
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

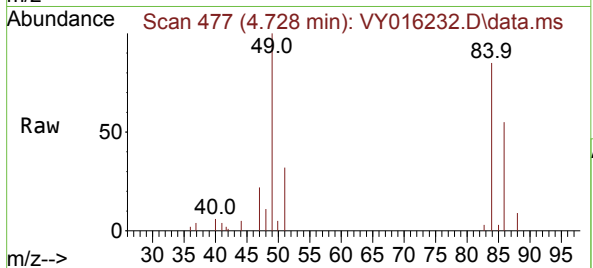
Tgt Ion: 43 Resp: 944
Ion Ratio Lower Upper
43 100
58 34.6 22.7 34.1#



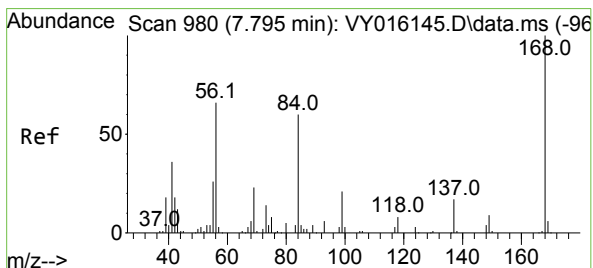
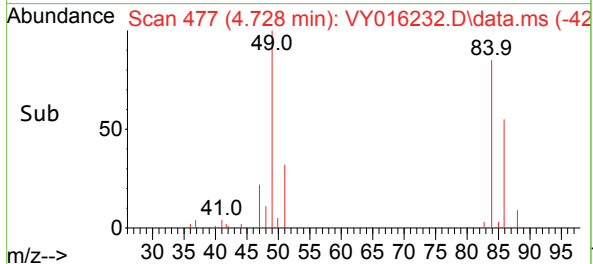
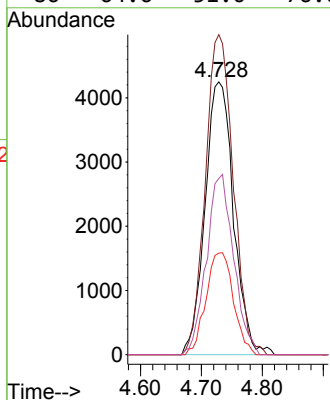


#20
Methylene Chloride
Concen: 12.018 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

Instrument :
MSVOA_Y
ClientSampleId :

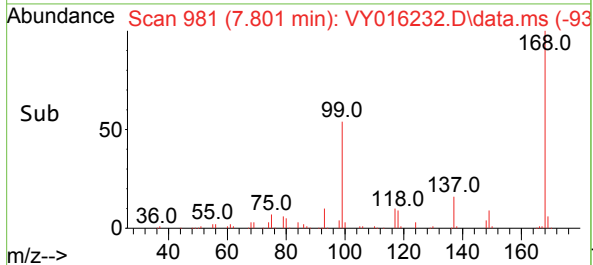
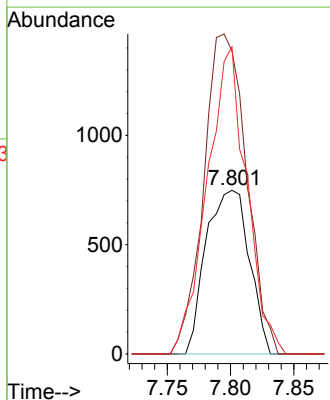
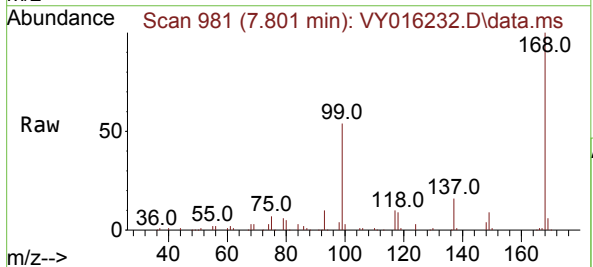


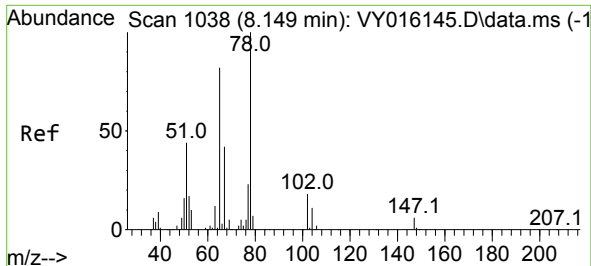
Tgt Ion:	84	Resp:	13818
Ion	Ratio	Lower	Upper
84	100		
49	117.3	106.9	160.3
51	37.2	33.2	49.8
86	64.6	51.0	76.6



#31
Cyclohexane
Concen: 1.221 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

Tgt Ion:	56	Resp:	1779
Ion	Ratio	Lower	Upper
56	100		
69	185.0	27.8	41.6#
84	180.5	66.4	99.6#

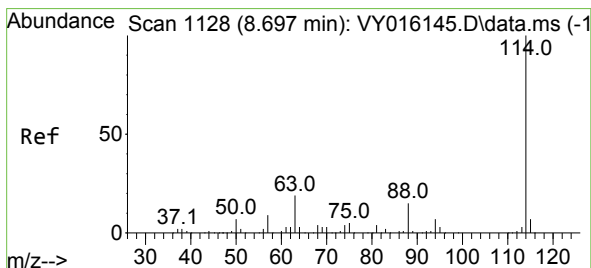
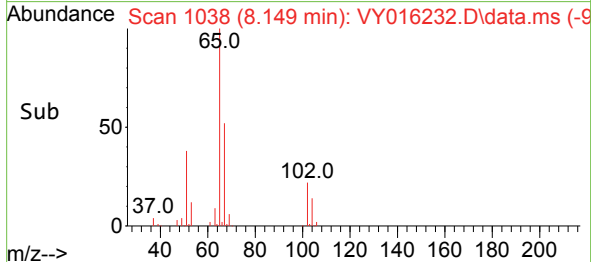
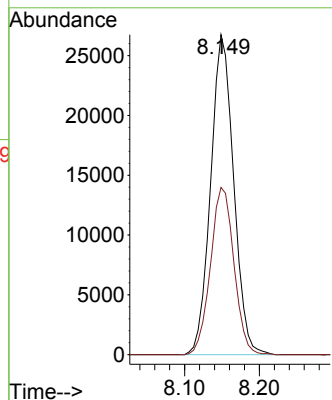
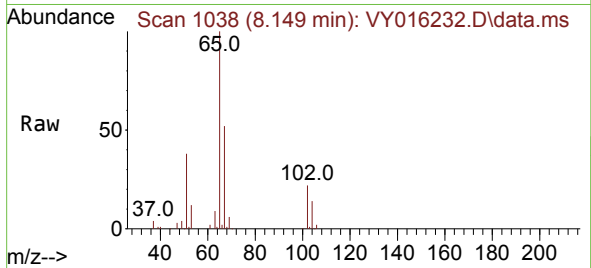




#33
1,2-Dichloroethane-d4
Concen: 60.322 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

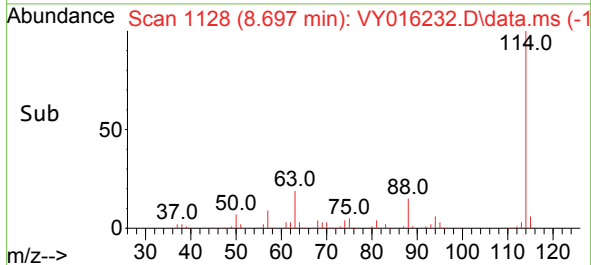
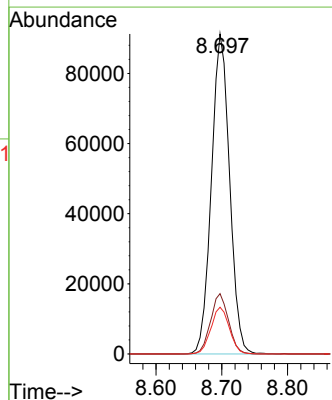
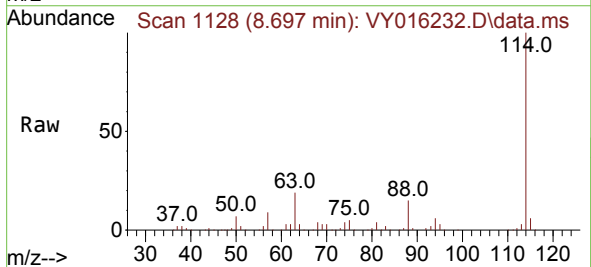
Instrument :
MSVOA_Y
ClientSampleId :

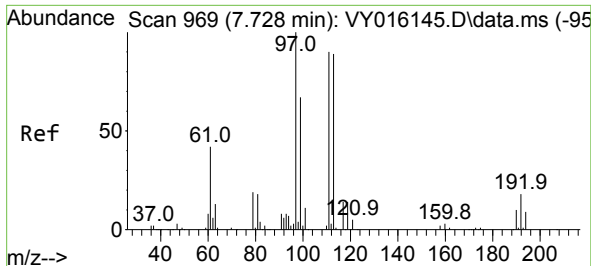
Tgt Ion: 65 Resp: 57180
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

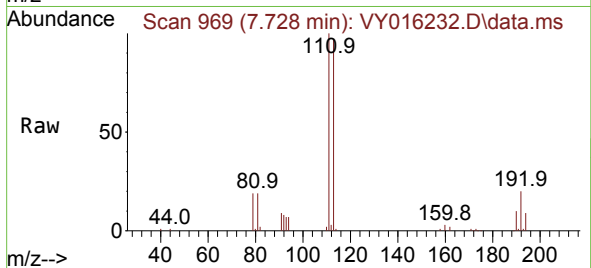
Tgt Ion:114 Resp: 175605
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.4
88 14.6 0.0 30.6



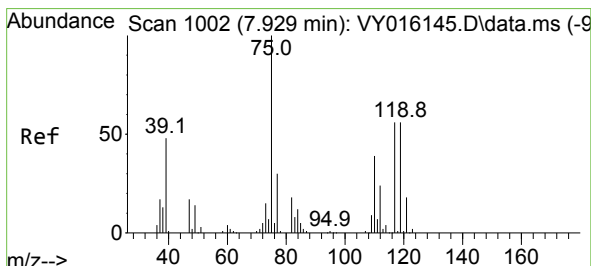
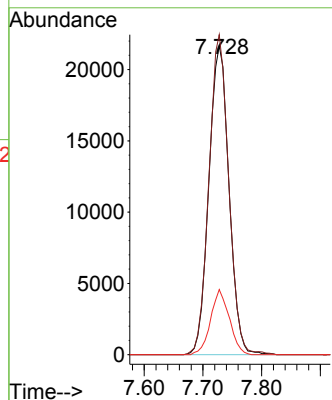
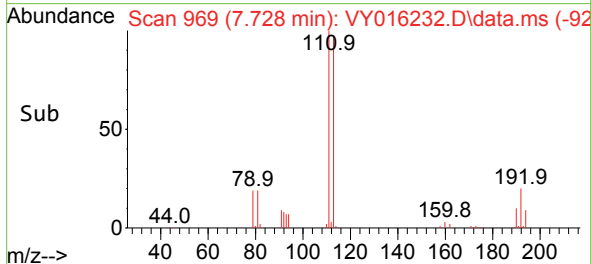


#35
Dibromofluoromethane
Concen: 49.238 ug/l
RT: 7.728 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

Instrument :
MSVOA_Y
ClientSampleId :

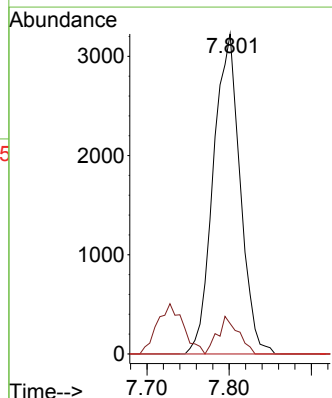
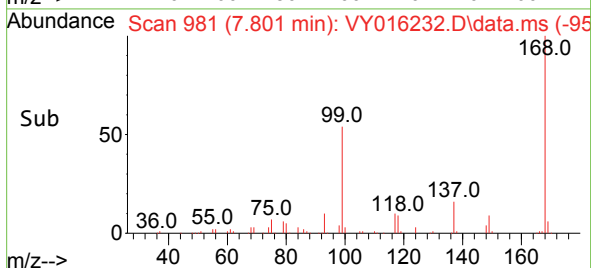
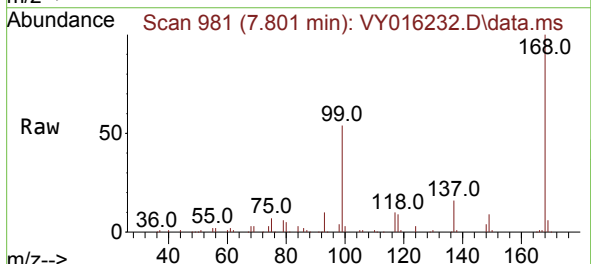


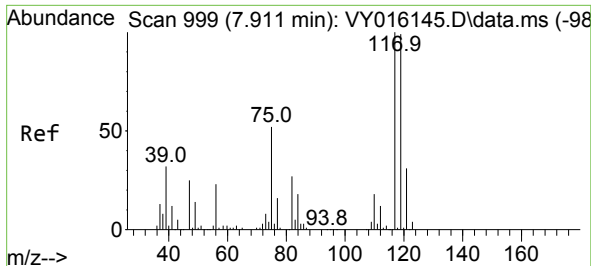
Tgt Ion:113 Resp: 51548
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.830 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

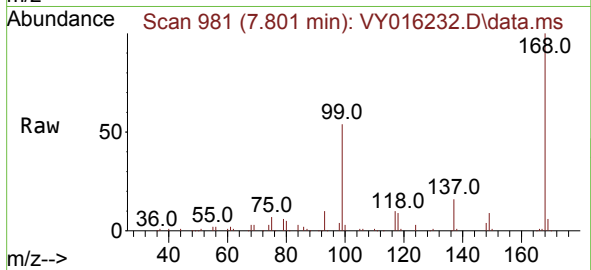
Tgt Ion: 75 Resp: 7302
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#



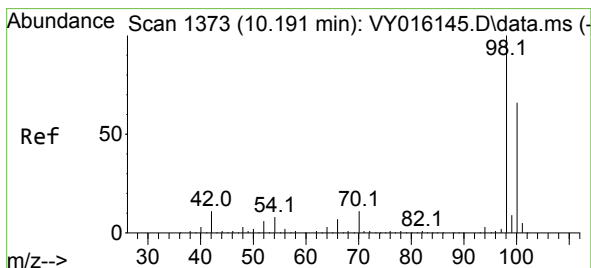
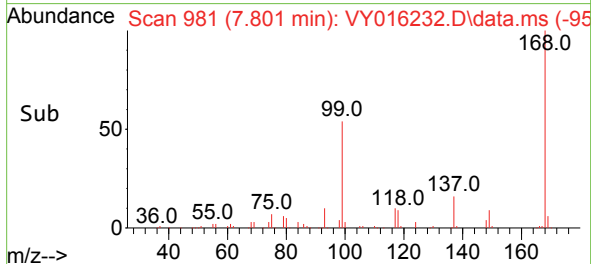
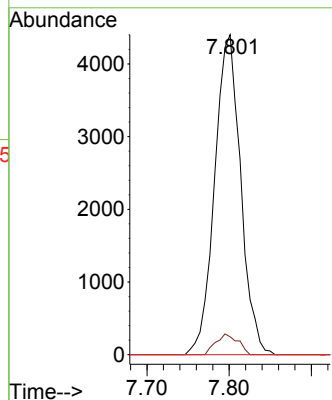


#38
Carbon Tetrachloride
Concen: 6.468 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

Instrument :
MSVOA_Y
ClientSampleId :

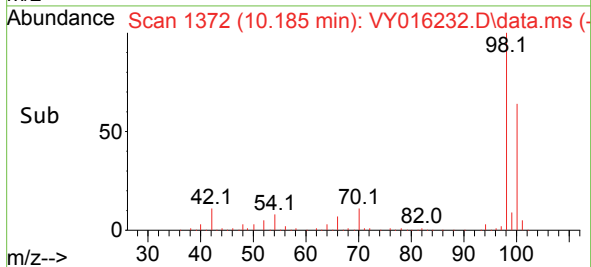
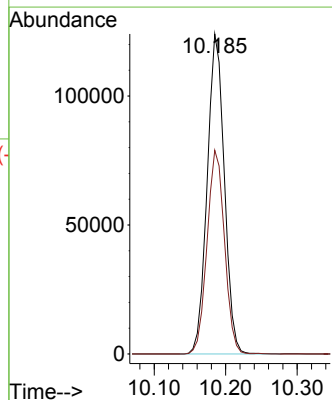
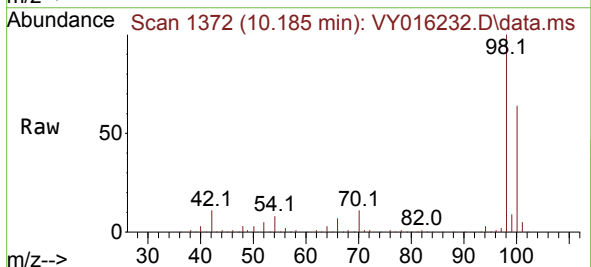


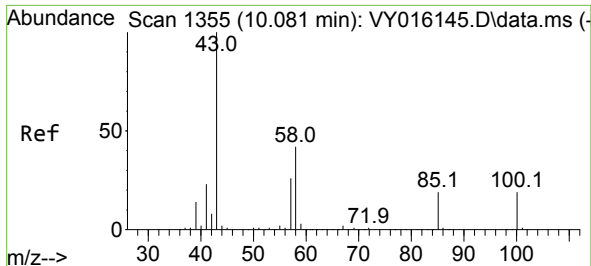
Tgt Ion:117 Resp: 9687
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.737 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

Tgt Ion: 98 Resp: 206447
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

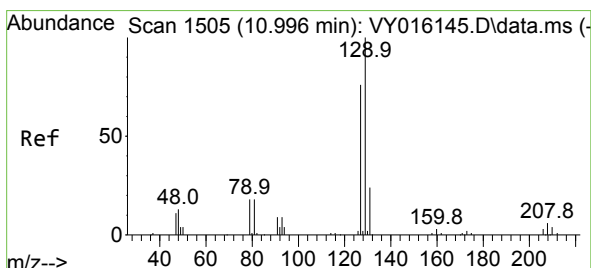
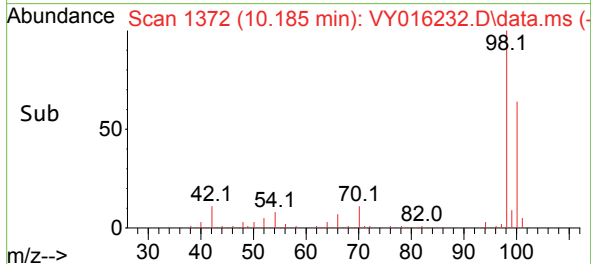
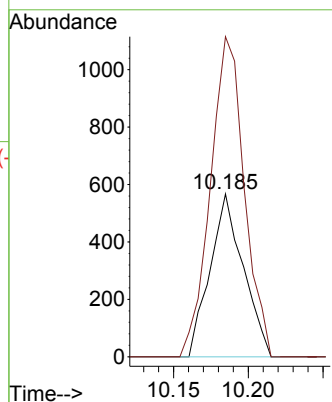
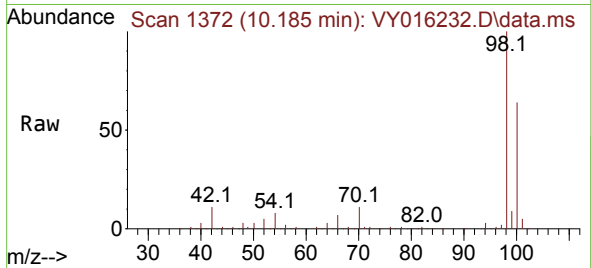




#51
4-Methyl-2-Pentanone
Concen: 1.315 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

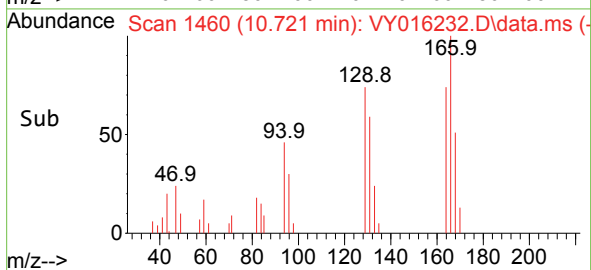
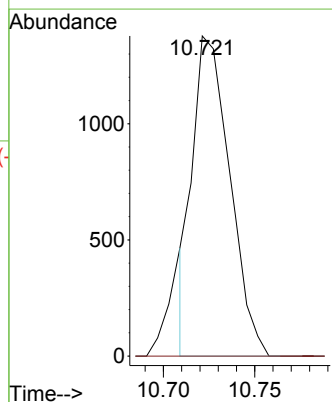
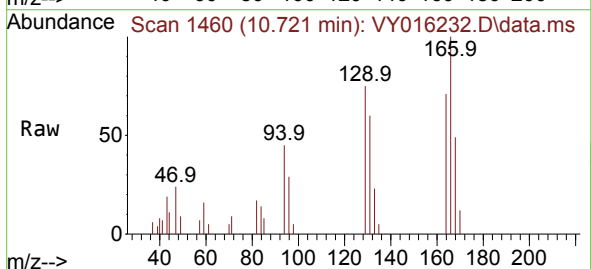
Instrument :
MSVOA_Y
ClientSampleId :

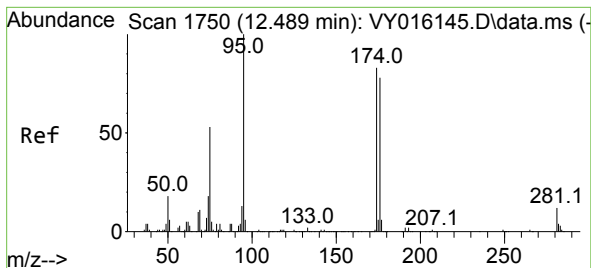
Tgt Ion: 43 Resp: 874
Ion Ratio Lower Upper
43 100
58 201.3 29.0 43.6#



#60
Dibromochloromethane
Concen: 1.859 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.274 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

Tgt Ion: 129 Resp: 1943
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

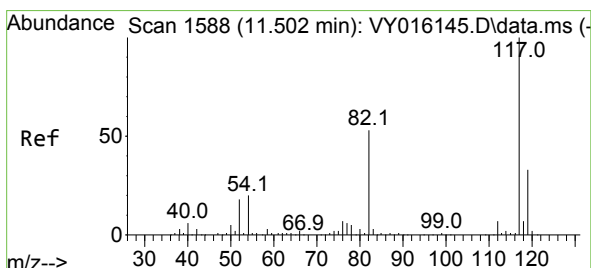
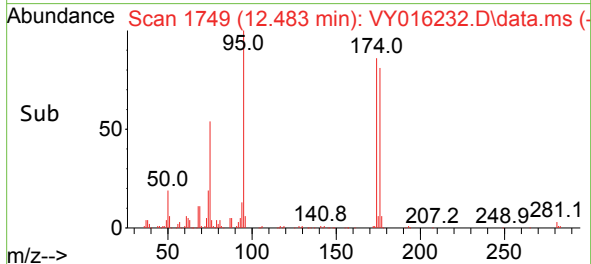
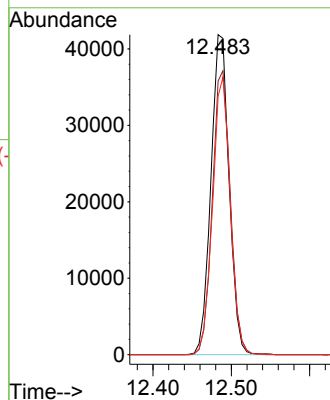
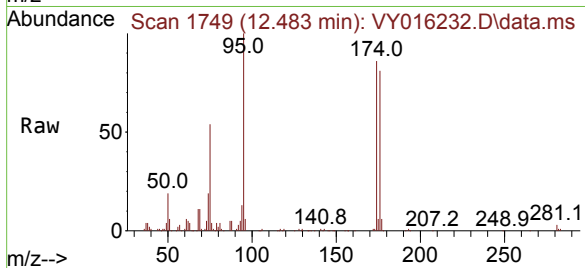




#62
4-Bromofluorobenzene
Concen: 47.523 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

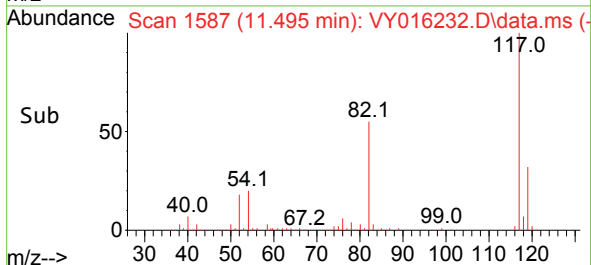
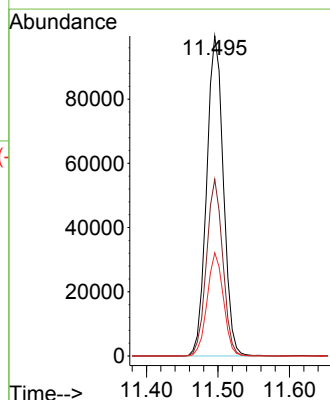
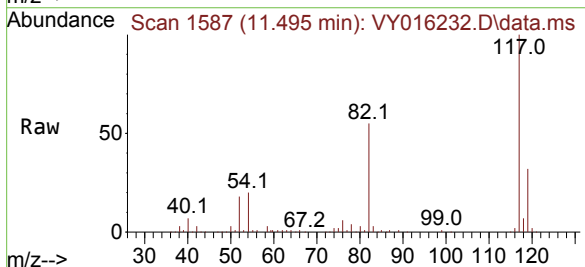
Instrument :
MSVOA_Y
ClientSampleId :

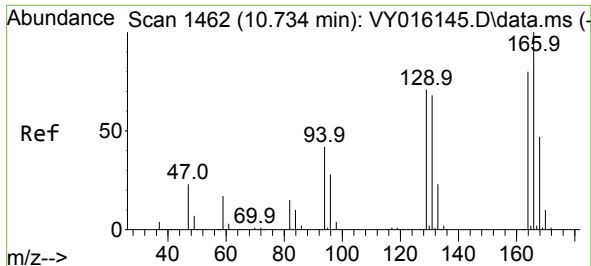
Tgt Ion: 95 Resp: 67451
Ion Ratio Lower Upper
95 100
174 87.9 0.0 178.2
176 84.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

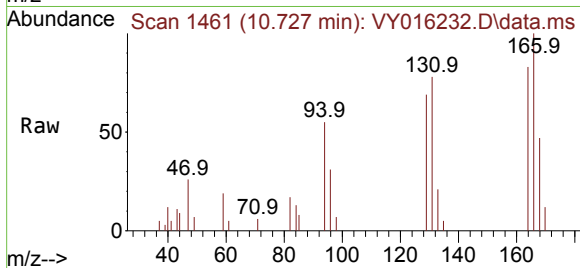
Tgt Ion: 117 Resp: 161763
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 32.3 26.3 39.5



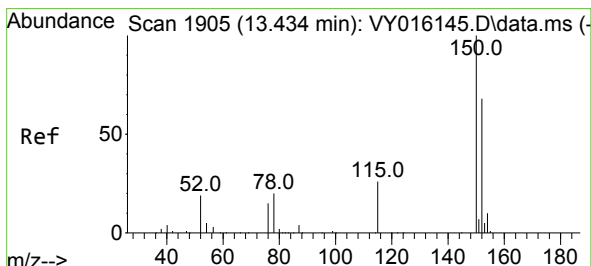
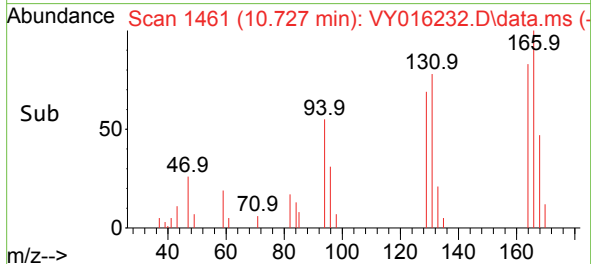
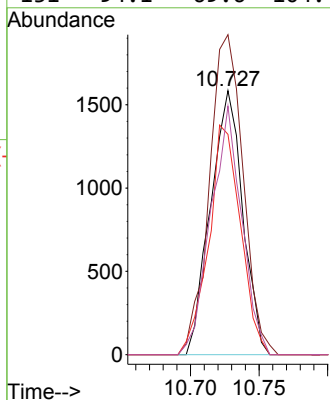


#64
Tetrachloroethene
Concen: 1.803 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

Instrument :
MSVOA_Y
ClientSampleId :

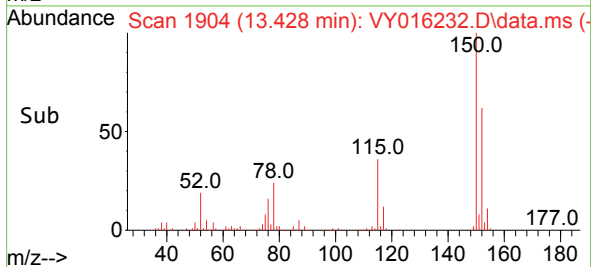
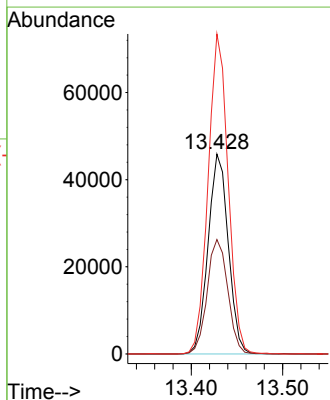
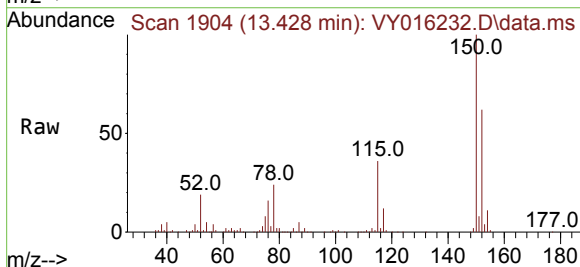


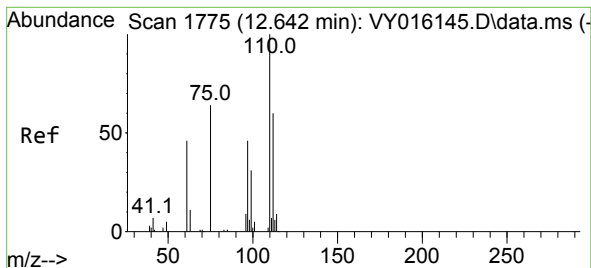
Tgt Ion:164 Resp: 2594
Ion Ratio Lower Upper
164 100
166 121.2 103.0 154.6
129 83.5 77.2 115.8
131 94.1 69.6 104.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

Tgt Ion:152 Resp: 70310
Ion Ratio Lower Upper
152 100
115 58.5 28.8 86.5
150 158.6 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 53.173 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.159 min

Lab File: VY016232.D

Acq: 06 Nov 2023 13:20

Instrument :

MSVOA_Y

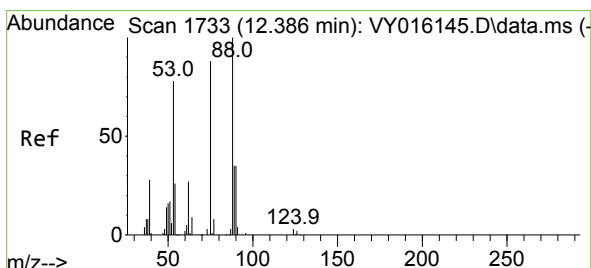
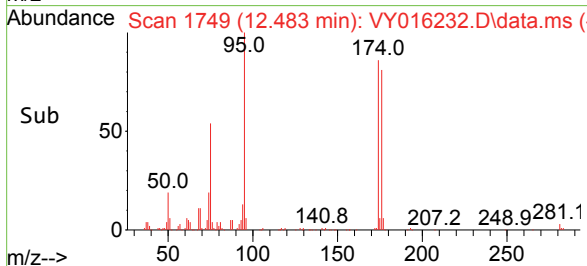
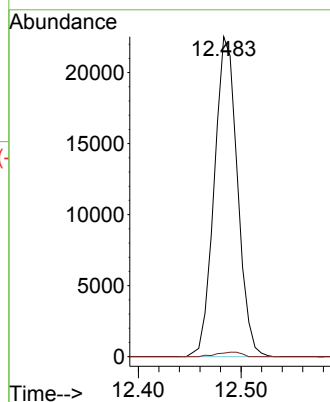
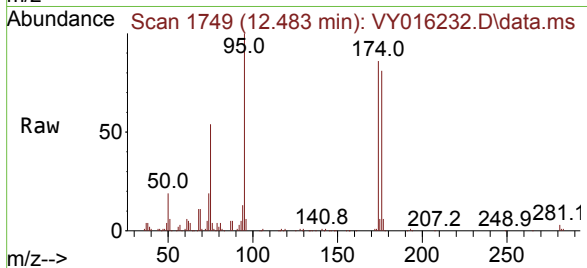
ClientSampleId :

Tgt Ion: 75 Resp: 35207

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 115.292 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.097 min

Lab File: VY016232.D

Acq: 06 Nov 2023 13:20

Tgt Ion: 75 Resp: 35207

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

