

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016107.D
 Acq On : 27 Oct 2023 15:57
 Operator : SY/MD
 Sample : 05050-10RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 06:09:45 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)

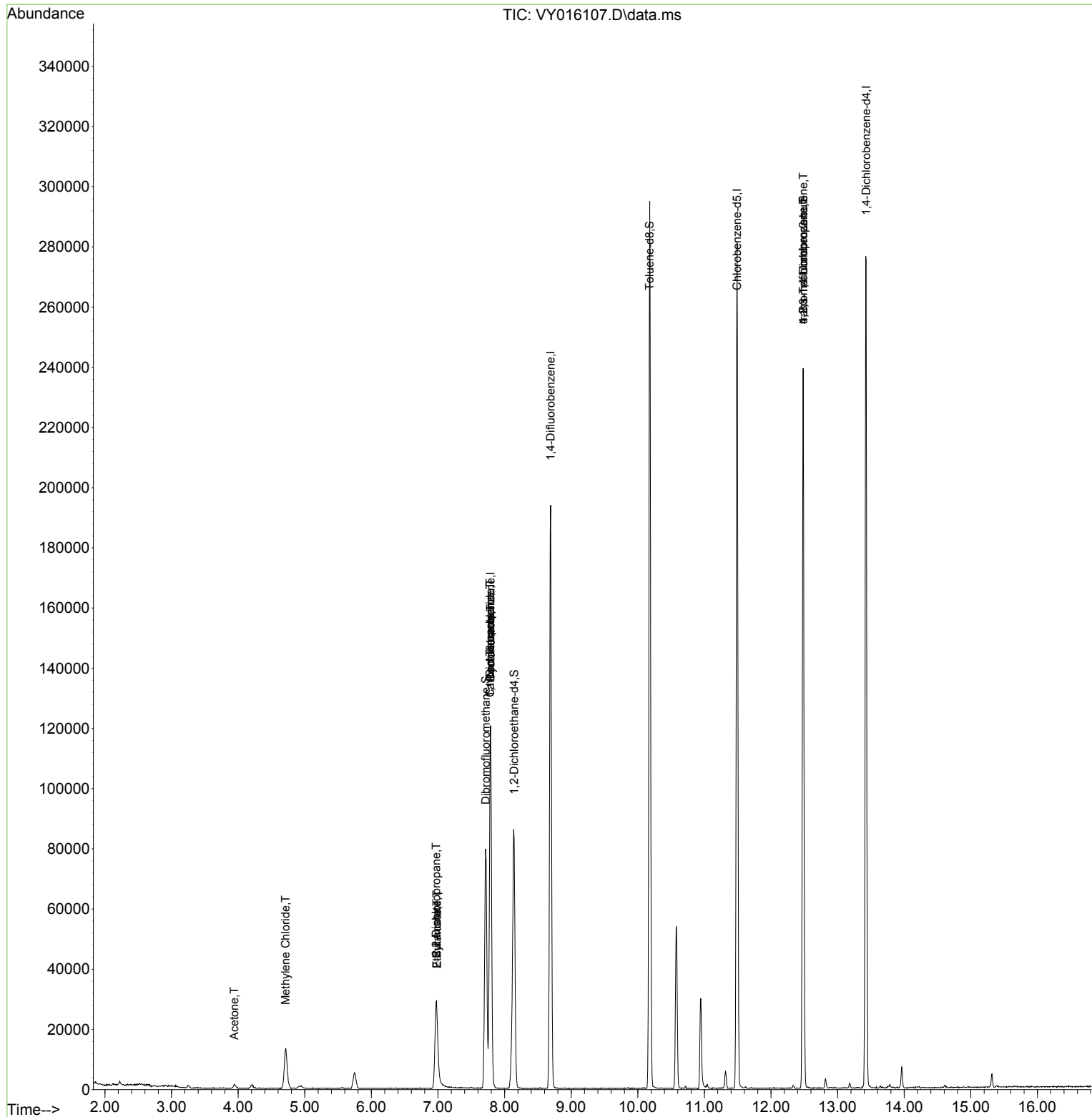
Internal Standards						
1) Pentafluorobenzene	7.789	168	95013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	165779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	158673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60966	64.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.060%	
35) Dibromofluoromethane	7.716	113	57179	54.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.280%	
50) Toluene-d8	10.179	98	195474	50.424	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.840%	
62) 4-Bromofluorobenzene	12.483	95	66413	49.943	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	1534	Below Cal	#	89
16) Acetone	3.942	43	2316	9.044	ug/l #	86
20) Methylene Chloride	4.710	84	10156	4.928	ug/l #	81
25) 2-Butanone	6.984	43	1498	4.334	ug/l #	78
26) 2,2-Dichloropropane	6.972	77	2360	1.518	ug/l #	54
31) Cyclohexane	7.789	56	1836	1.235	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7850	5.381	ug/l #	50
37) Ethyl Acetate	6.984	43	1498	2.003	ug/l #	1
38) Carbon Tetrachloride	7.783	117	9544	6.187	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	34611	44.796	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34611	97.346	ug/l #	11

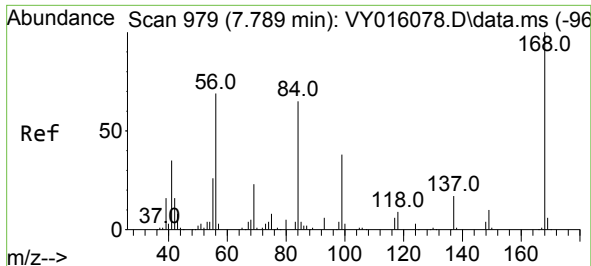
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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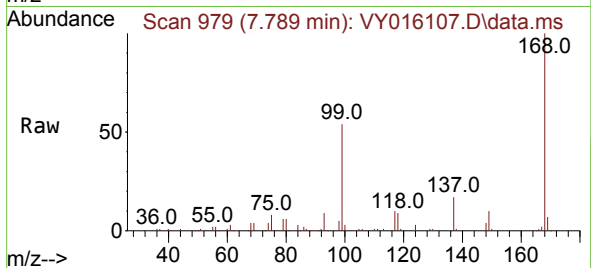
Quant Time: Oct 30 06:09:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration



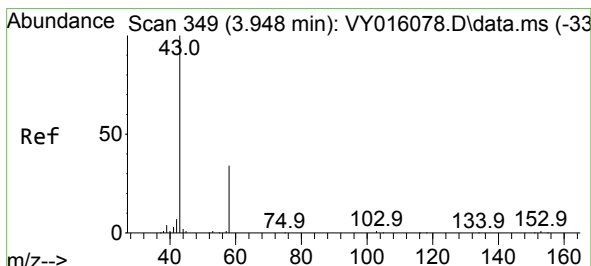
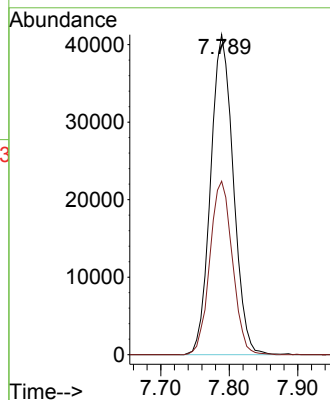
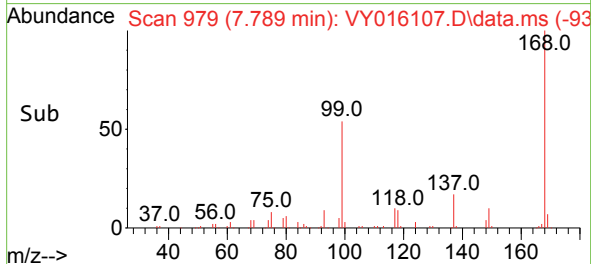


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016107.D
Acq: 27 Oct 2023 15:57

Instrument :
MSVOA_Y
ClientSampleId :

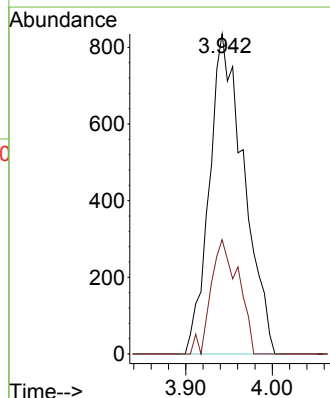
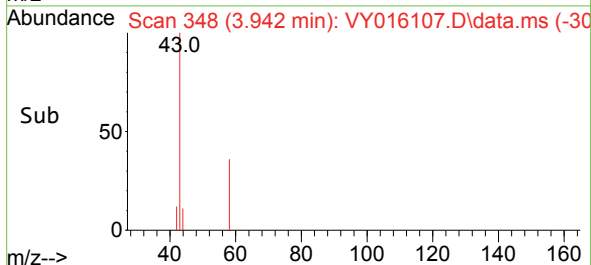
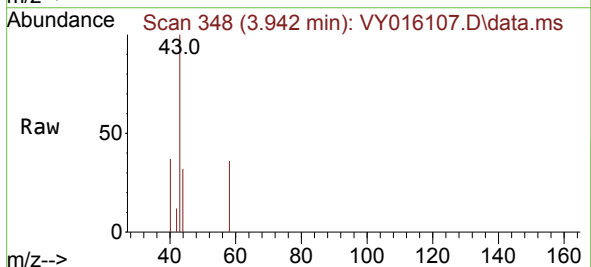


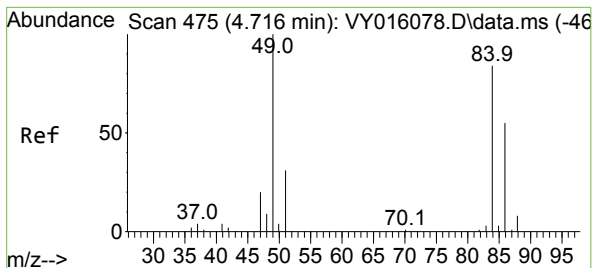
Tgt Ion:168 Resp: 95013
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#16
Acetone
Concen: 9.044 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY016107.D
Acq: 27 Oct 2023 15:57

Tgt Ion: 43 Resp: 2316
Ion Ratio Lower Upper
43 100
58 35.7 22.7 34.1#





#20

Methylene Chloride

Concen: 4.928 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

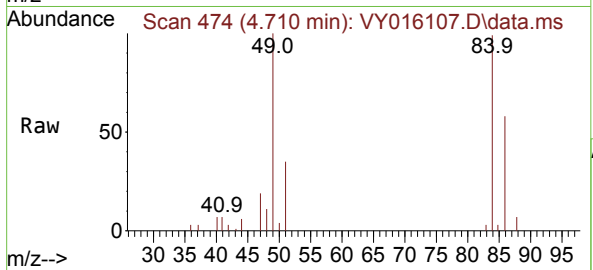
Lab File: VY016107.D

Acq: 27 Oct 2023 15:57

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 10156

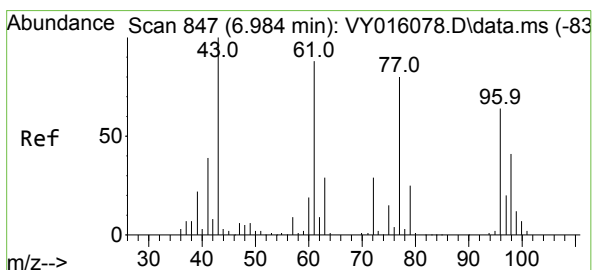
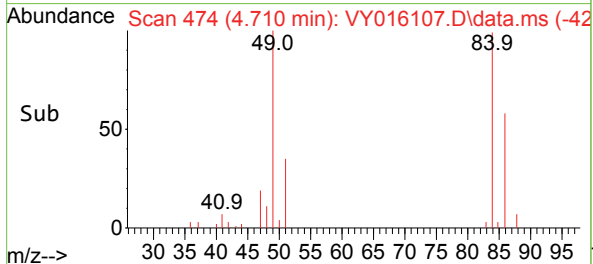
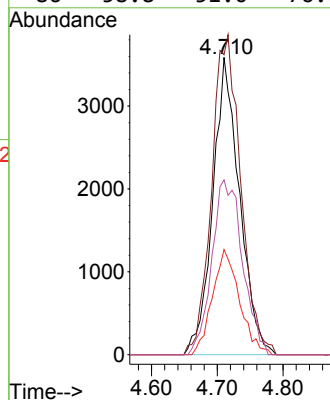
Ion Ratio Lower Upper

84 100

49 100.9 106.9 160.3#

51 35.3 33.2 49.8

86 58.8 51.0 76.6



#25

2-Butanone

Concen: 4.334 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY016107.D

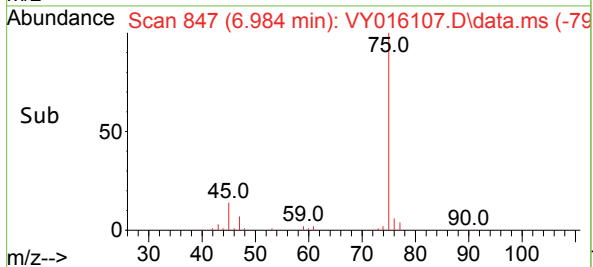
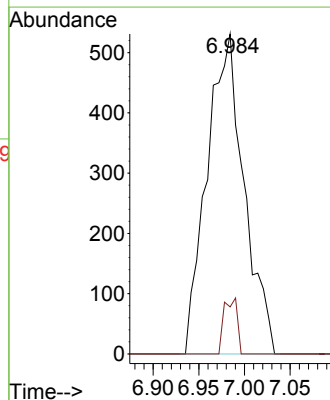
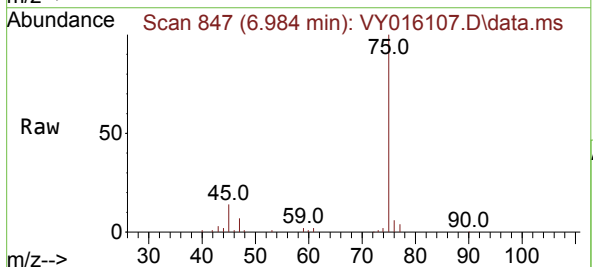
Acq: 27 Oct 2023 15:57

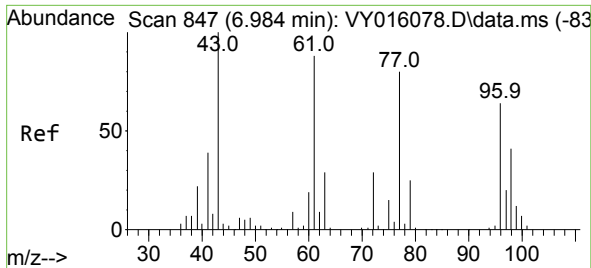
Tgt Ion: 43 Resp: 1498

Ion Ratio Lower Upper

43 100

72 14.7 20.5 30.7#

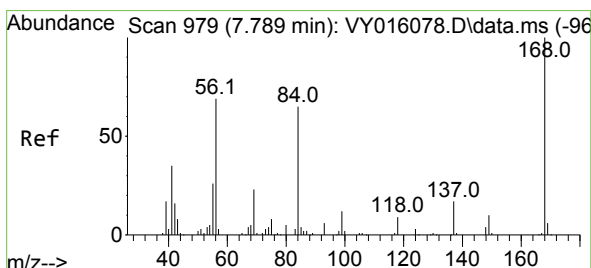
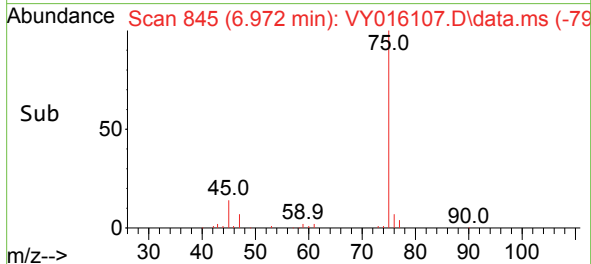
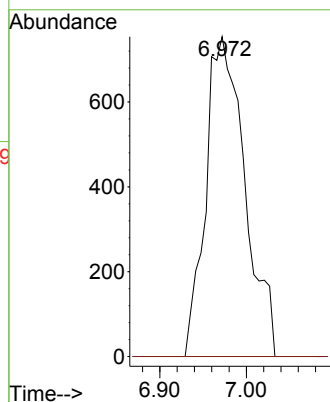
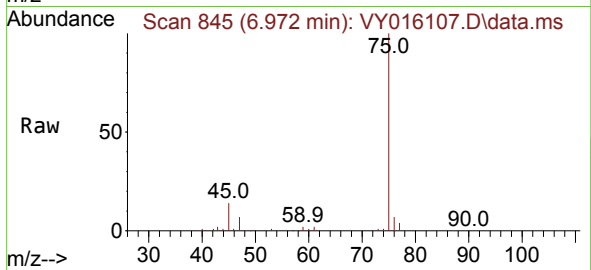




#26
2,2-Dichloropropane
Concen: 1.518 ug/l
RT: 6.972 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY016107.D
Acq: 27 Oct 2023 15:57

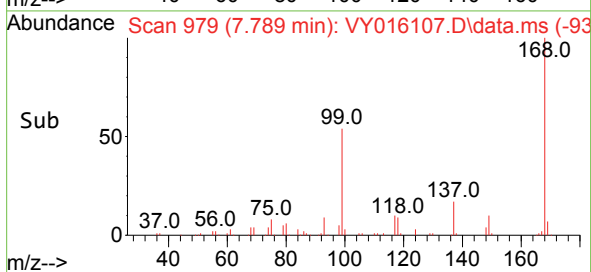
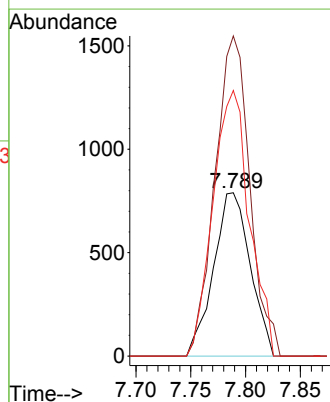
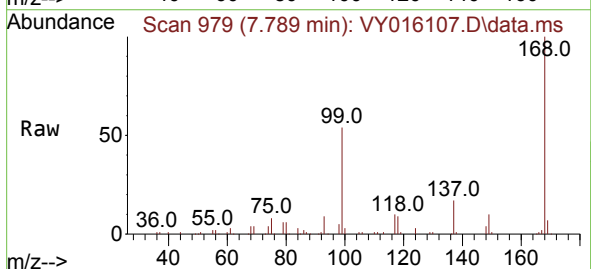
Instrument :
MSVOA_Y
ClientSampleId :

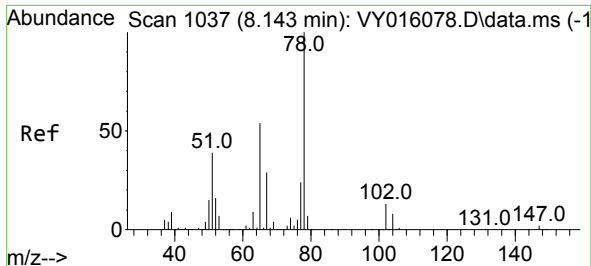
Tgt Ion: 77 Resp: 2360
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.235 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY016107.D
Acq: 27 Oct 2023 15:57

Tgt Ion: 56 Resp: 1836
Ion Ratio Lower Upper
56 100
69 195.9 27.8 41.6#
84 171.9 66.4 99.6#

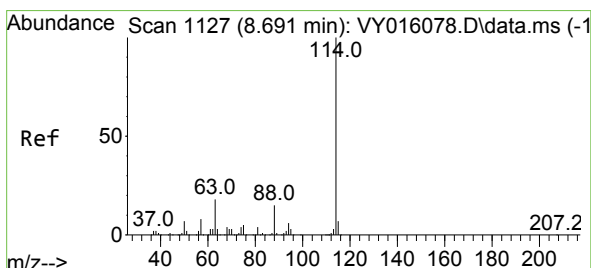
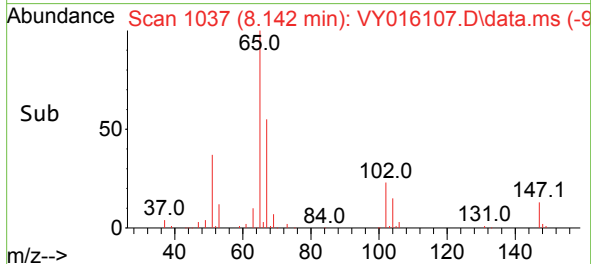
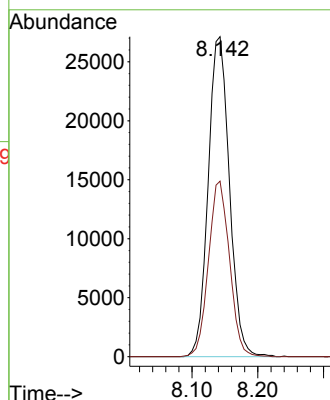
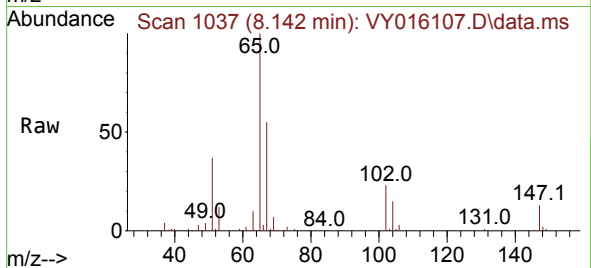




#33
 1,2-Dichloroethane-d4
 Concen: 64.530 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY016107.D
 Acq: 27 Oct 2023 15:57

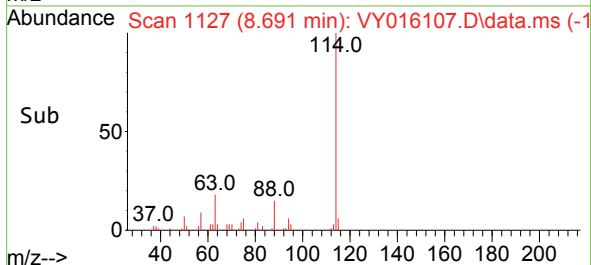
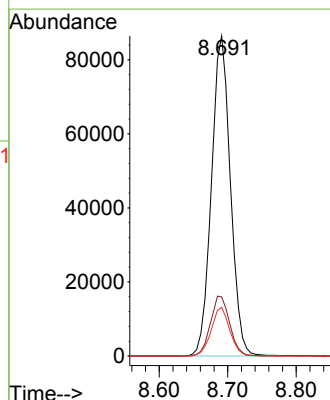
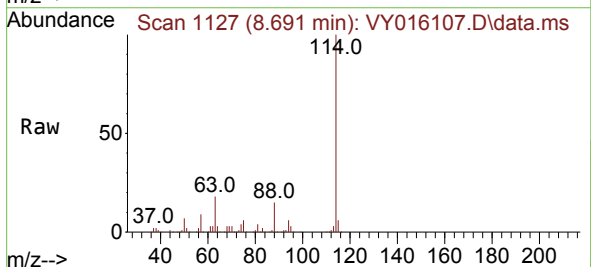
Instrument :
 MSVOA_Y
 ClientSampleId :

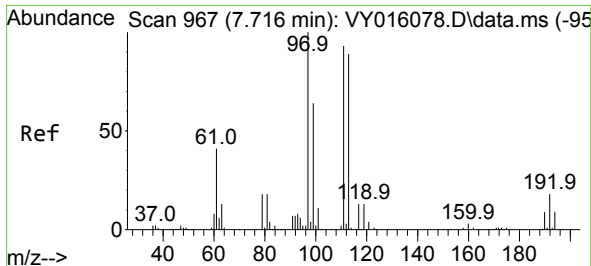
Tgt Ion: 65 Resp: 60966
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016107.D
 Acq: 27 Oct 2023 15:57

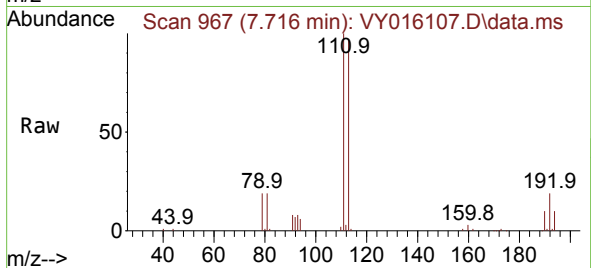
Tgt Ion: 114 Resp: 165779
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.4
 88 15.2 0.0 30.6



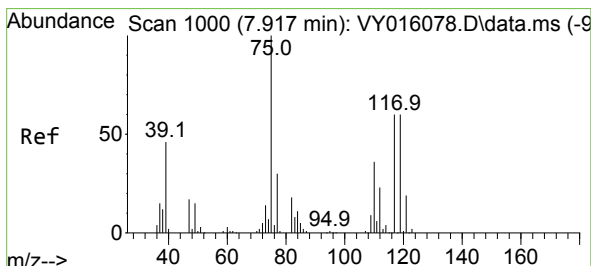
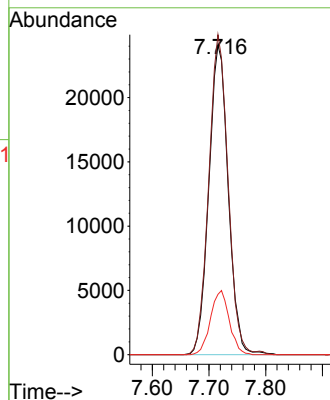
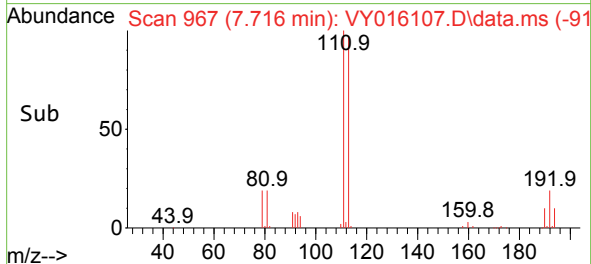


#35
Dibromofluoromethane
Concen: 54.635 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY016107.D
Acq: 27 Oct 2023 15:57

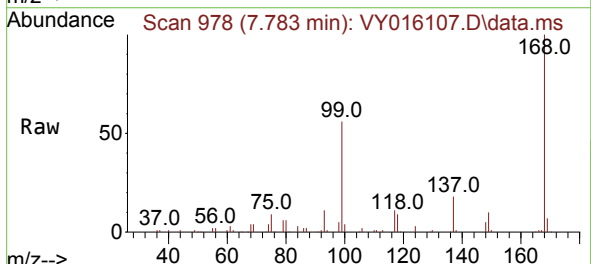
Instrument :
MSVOA_Y
ClientSampleId :



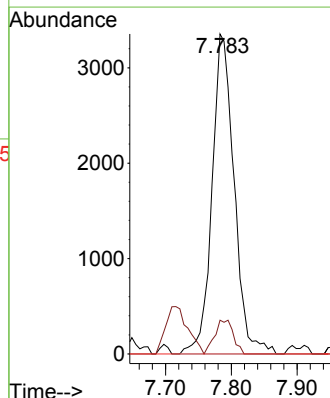
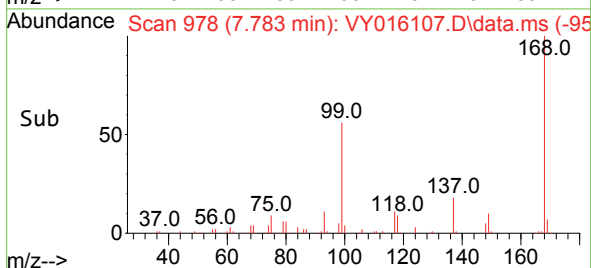
Tgt Ion:113 Resp: 57179
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 20.1 16.9 25.3

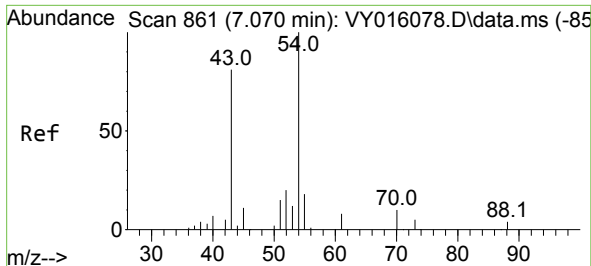


#36
1,1-Dichloropropene
Concen: 5.381 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY016107.D
Acq: 27 Oct 2023 15:57



Tgt Ion: 75 Resp: 7850
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.003 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.085 min

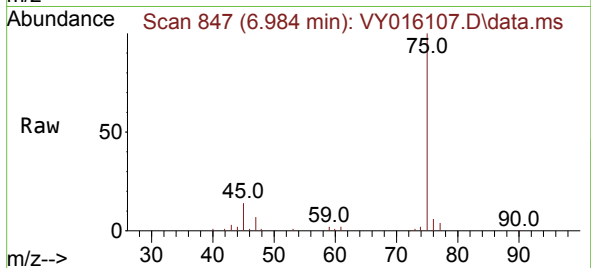
Lab File: VY016107.D

Acq: 27 Oct 2023 15:57

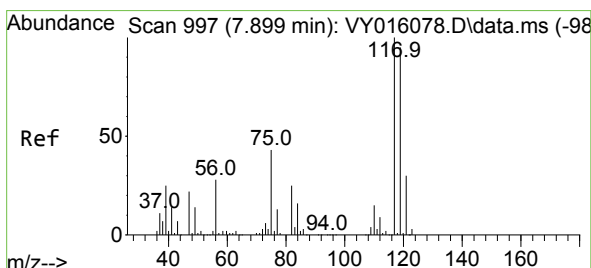
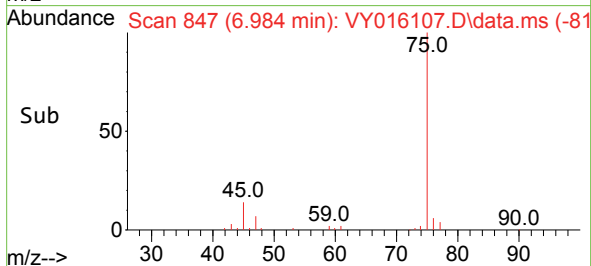
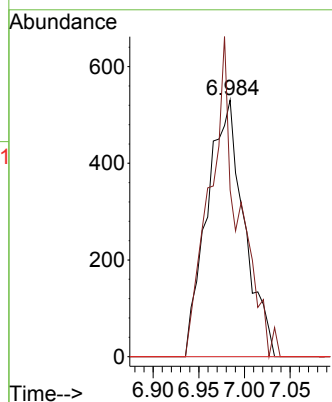
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	1498
Ion	Ratio	Lower	Upper
43	100		
61	97.5	10.1	15.1#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 6.187 ug/l

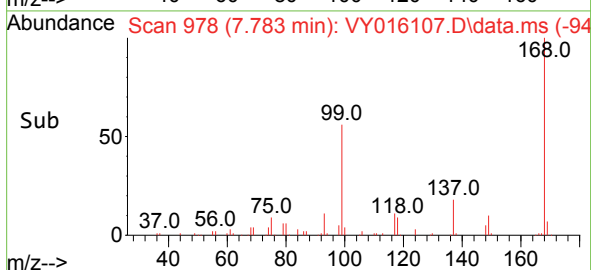
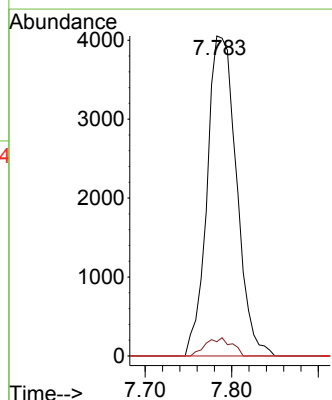
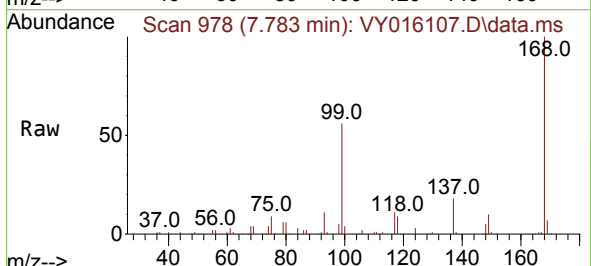
RT: 7.783 min Scan# 978

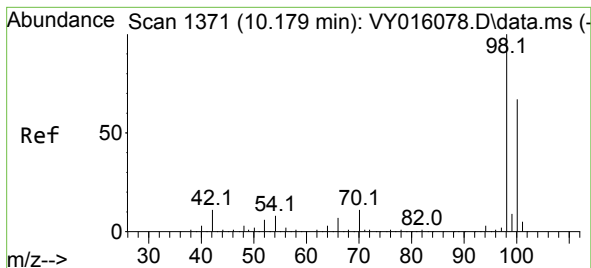
Delta R.T. -0.116 min

Lab File: VY016107.D

Acq: 27 Oct 2023 15:57

Tgt Ion:	117	Resp:	9544
Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.4	114.6#
121	0.0	25.8	38.6#

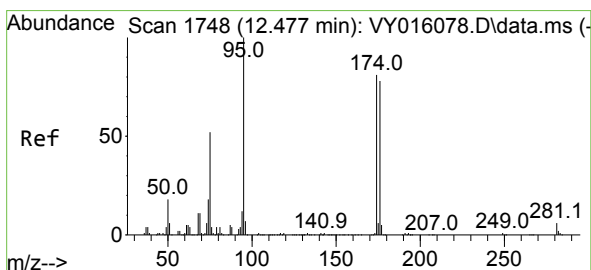
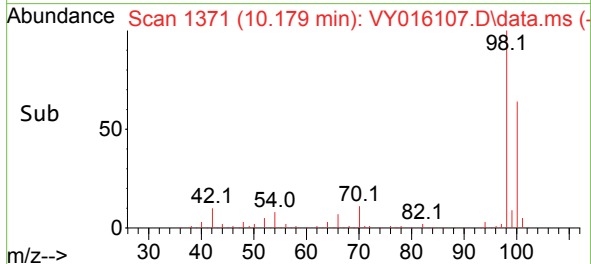
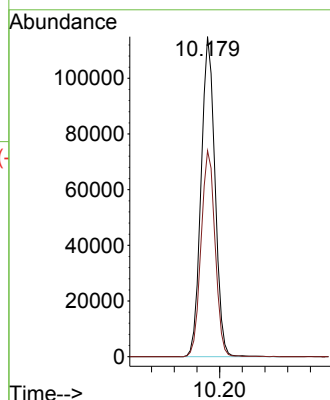
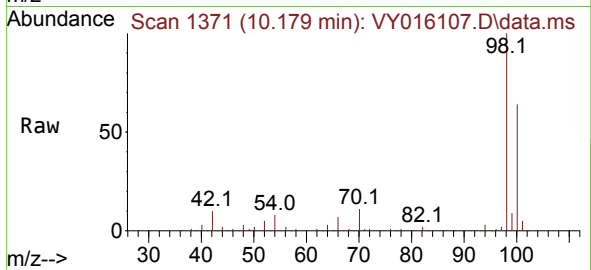




#50
Toluene-d8
Concen: 50.424 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016107.D
Acq: 27 Oct 2023 15:57

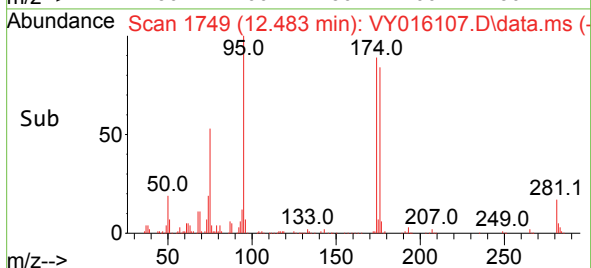
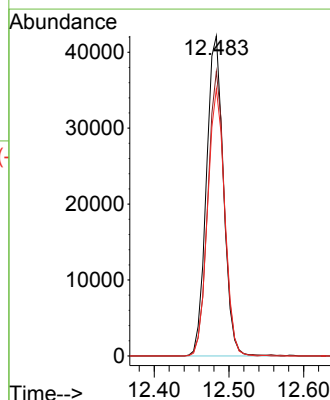
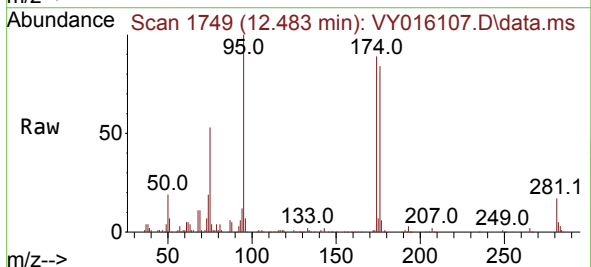
Instrument :
MSVOA_Y
ClientSampleId :

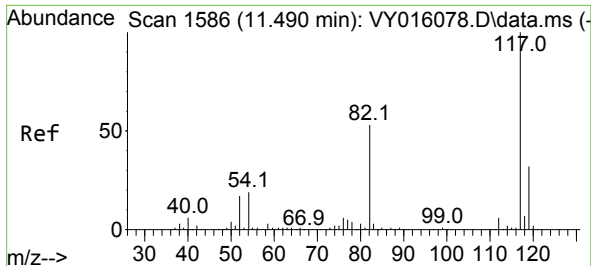
Tgt Ion: 98 Resp: 195474
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.943 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016107.D
Acq: 27 Oct 2023 15:57

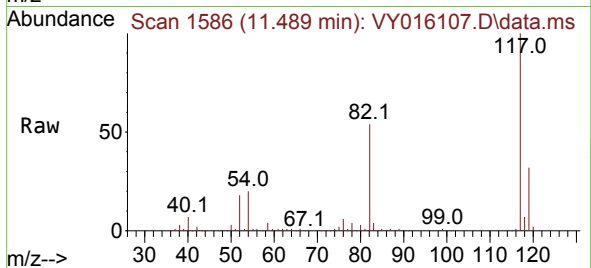
Tgt Ion: 95 Resp: 66413
Ion Ratio Lower Upper
95 100
174 87.2 0.0 178.2
176 83.9 0.0 173.8



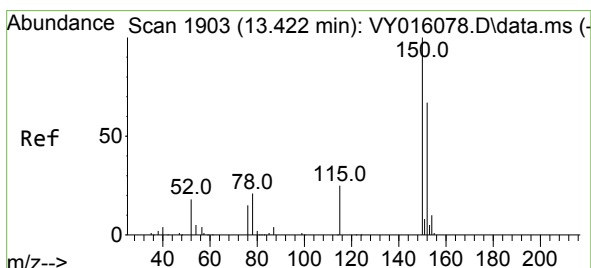
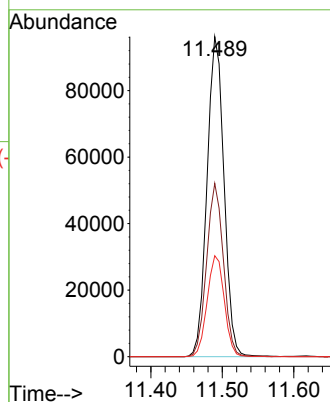
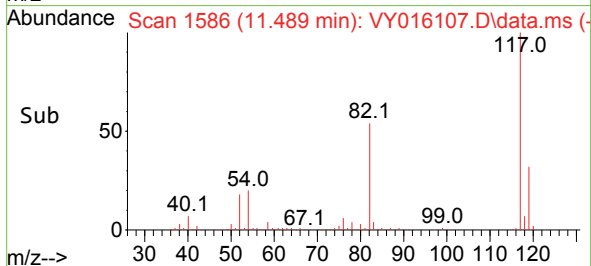


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016107.D
Acq: 27 Oct 2023 15:57

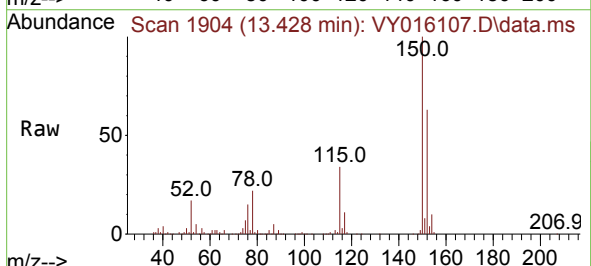
Instrument :
MSVOA_Y
ClientSampleId :



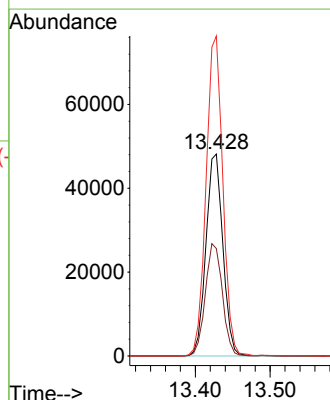
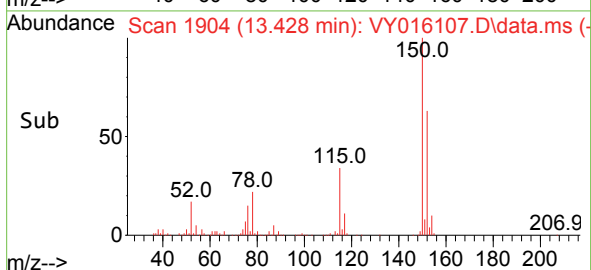
Tgt Ion:117 Resp: 158673
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.6 26.3 39.5

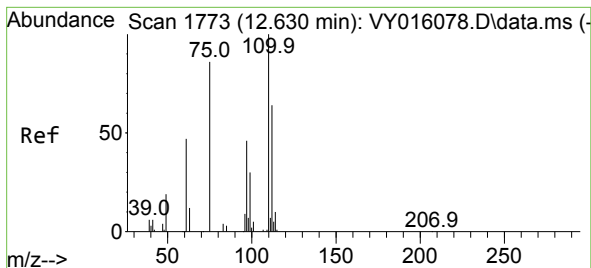


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016107.D
Acq: 27 Oct 2023 15:57



Tgt Ion:152 Resp: 75678
Ion Ratio Lower Upper
152 100
115 56.1 28.8 86.5
150 156.3 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 44.796 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY016107.D

Acq: 27 Oct 2023 15:57

Instrument :

MSVOA_Y

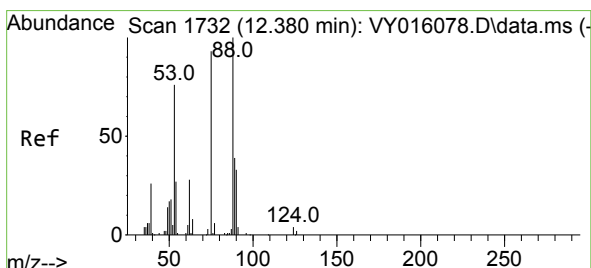
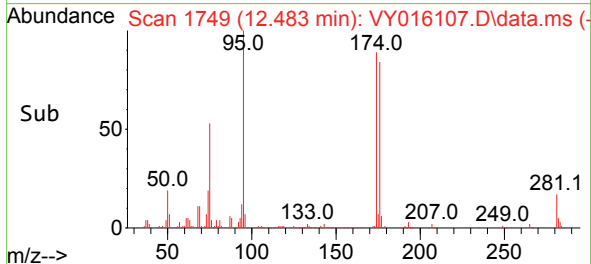
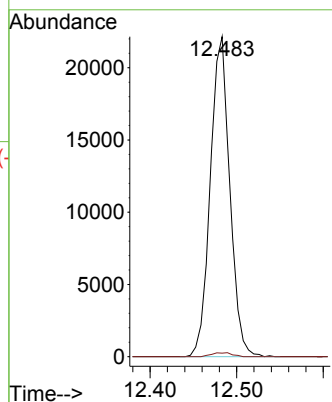
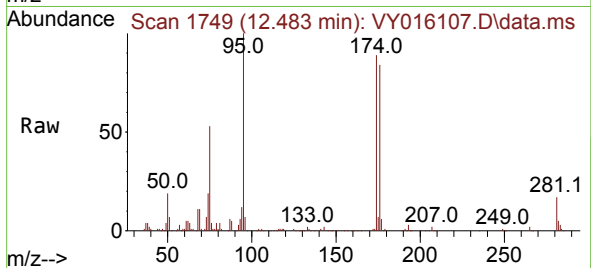
ClientSampleId :

Tgt Ion: 75 Resp: 34611

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.346 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY016107.D

Acq: 27 Oct 2023 15:57

Tgt Ion: 75 Resp: 34611

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.1 37.4 56.0#

