

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016100.D
 Acq On : 27 Oct 2023 13:13
 Operator : SY/MD
 Sample : 05062-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 06:07:36 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)

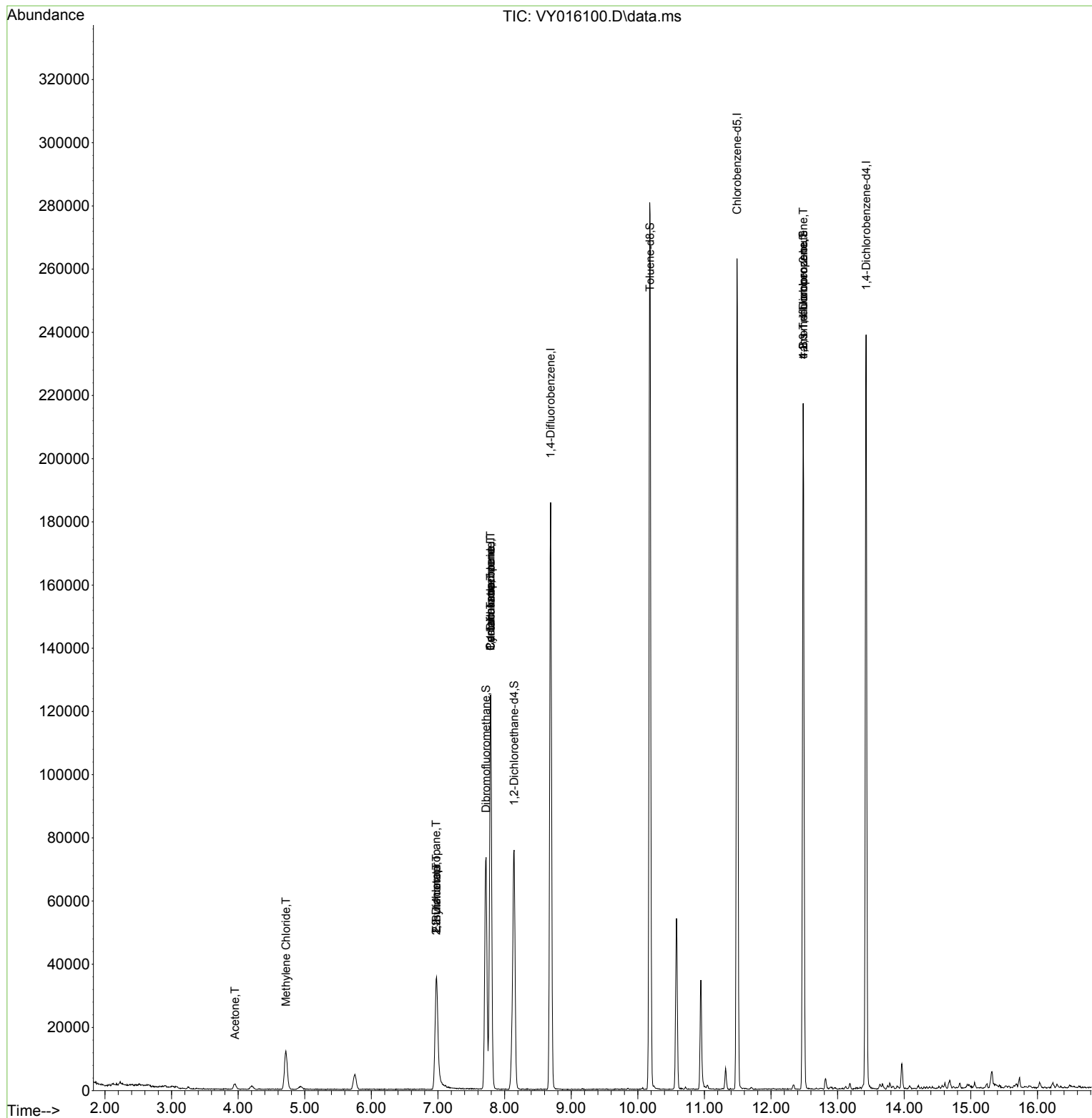
Internal Standards						
1) Pentafluorobenzene	7.789	168	97432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	164221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53754	55.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.960%	
35) Dibromofluoromethane	7.722	113	54228	52.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.620%	
50) Toluene-d8	10.185	98	189947	49.463	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.920%	
62) 4-Bromofluorobenzene	12.483	95	58849	44.675	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	918	Below Cal	#	89
16) Acetone	3.954	43	3150	11.996	ug/l #	88
20) Methylene Chloride	4.716	84	9559	3.980	ug/l	90
25) 2-Butanone	6.978	43	1851	5.223	ug/l #	82
26) 2,2-Dichloropropane	6.972	77	2963	1.859	ug/l #	54
31) Cyclohexane	7.789	56	1838	1.206	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7541	5.218	ug/l #	50
37) Ethyl Acetate	6.978	43	1851	2.499	ug/l #	1
38) Carbon Tetrachloride	7.789	117	9376	6.135	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	31044	48.344	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31044	105.058	ug/l #	11

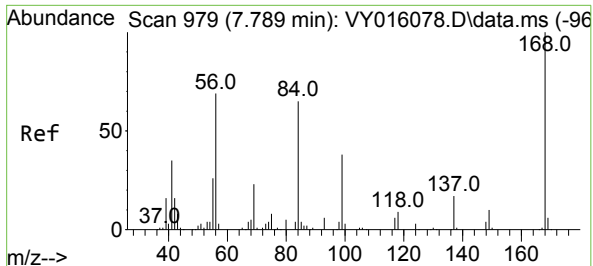
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
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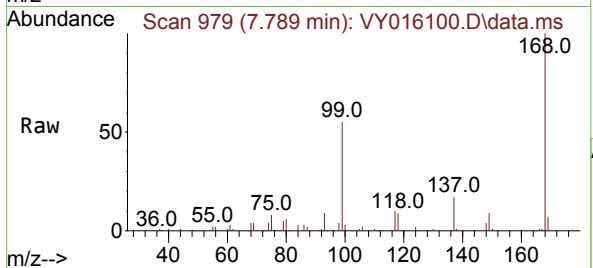
Quant Time: Oct 30 06:07:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration



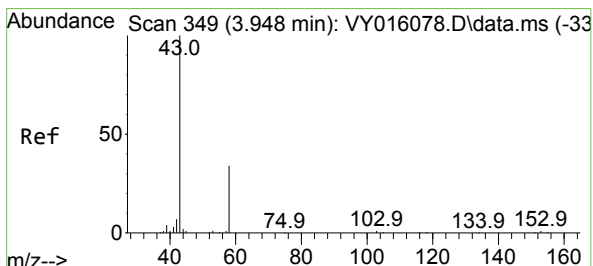
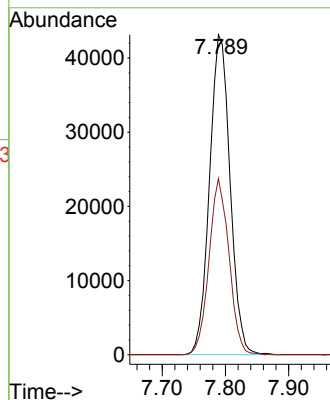
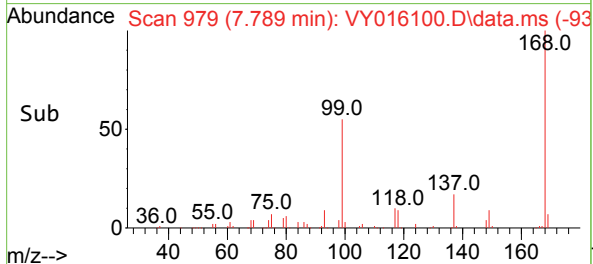


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016100.D
Acq: 27 Oct 2023 13:13

Instrument :
MSVOA_Y
ClientSampleId :

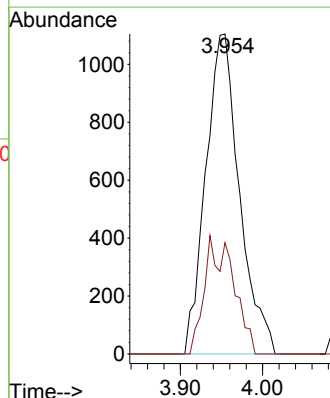
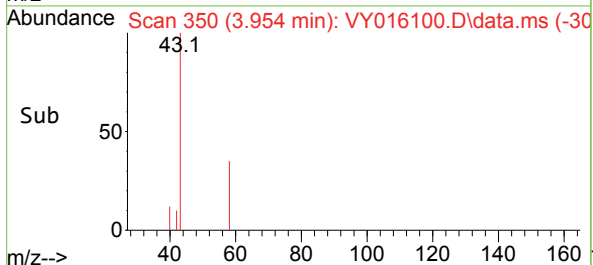
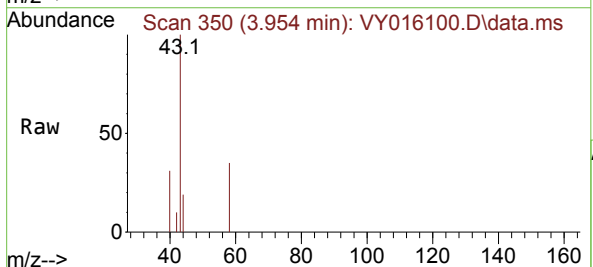


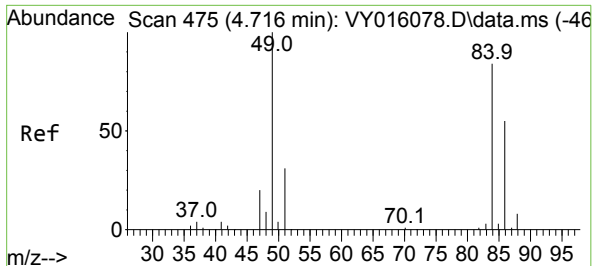
Tgt Ion:168 Resp: 97432
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#16
Acetone
Concen: 11.996 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY016100.D
Acq: 27 Oct 2023 13:13

Tgt Ion: 43 Resp: 3150
Ion Ratio Lower Upper
43 100
58 34.8 22.7 34.1#





#20

Methylene Chloride

Concen: 3.980 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

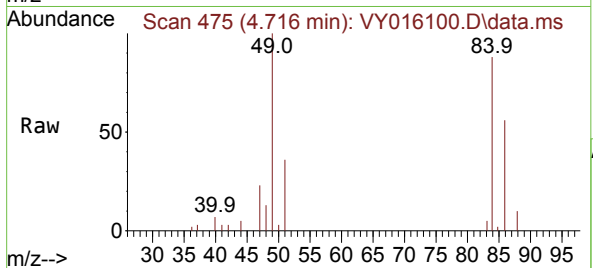
Lab File: VY016100.D

Acq: 27 Oct 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 9559

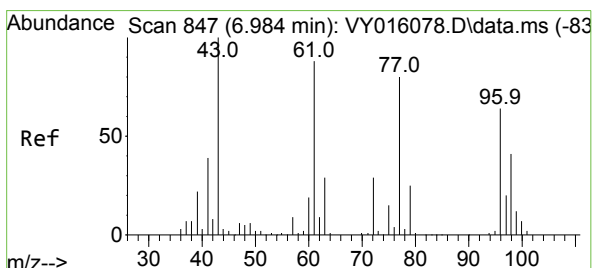
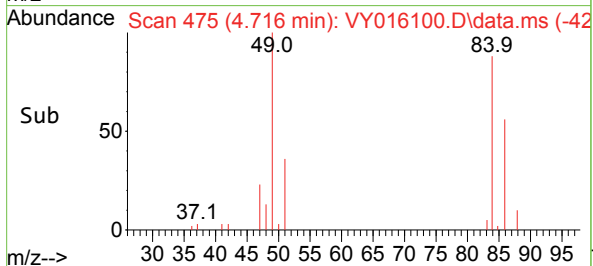
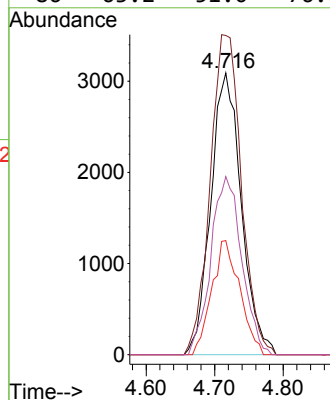
Ion Ratio Lower Upper

84 100

49 113.3 106.9 160.3

51 40.5 33.2 49.8

86 63.2 51.0 76.6



#25

2-Butanone

Concen: 5.223 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY016100.D

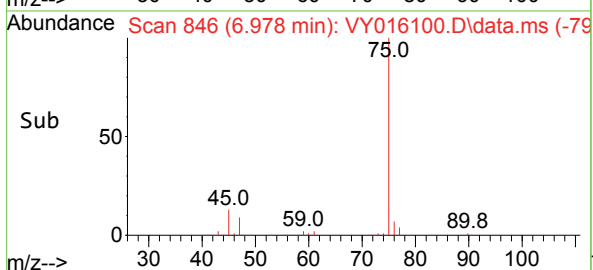
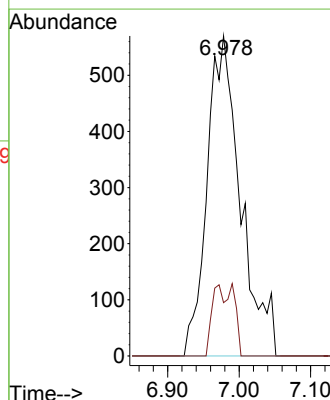
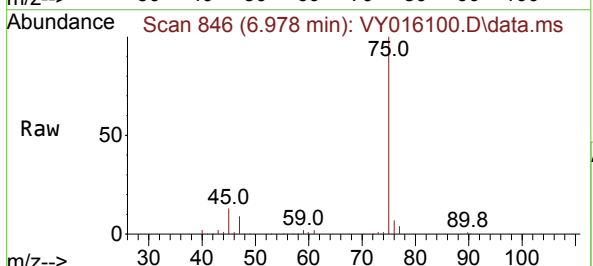
Acq: 27 Oct 2023 13:13

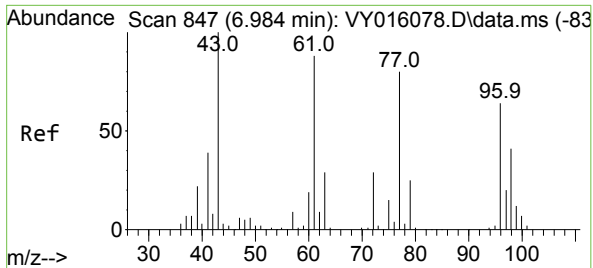
Tgt Ion: 43 Resp: 1851

Ion Ratio Lower Upper

43 100

72 16.7 20.5 30.7#

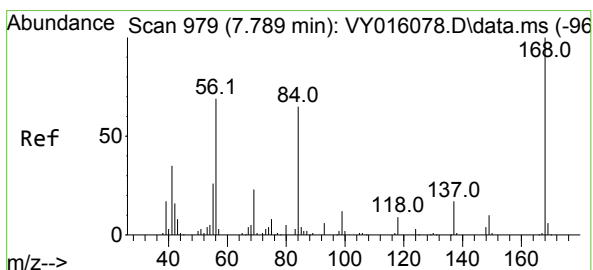
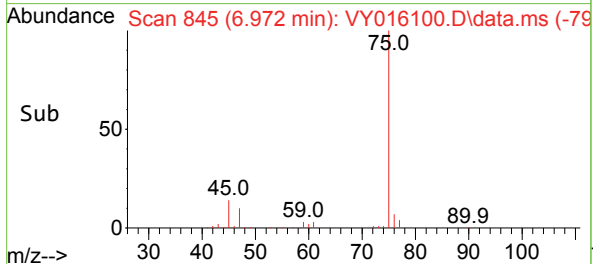
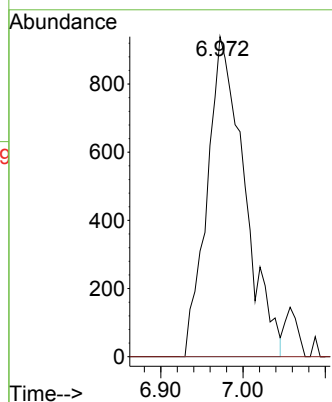
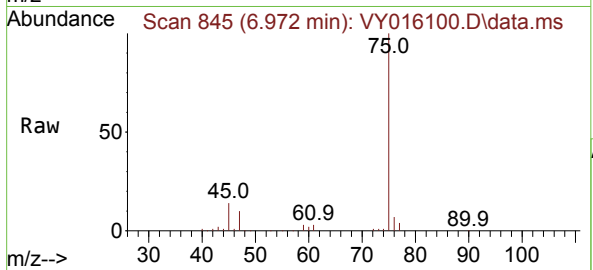




#26
2,2-Dichloropropane
Concen: 1.859 ug/l
RT: 6.972 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY016100.D
Acq: 27 Oct 2023 13:13

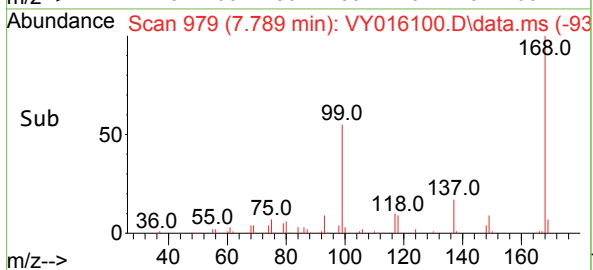
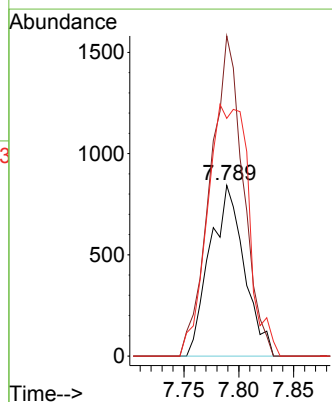
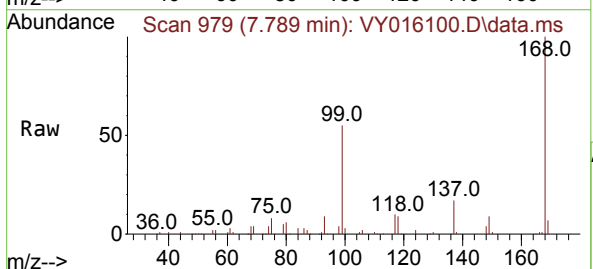
Instrument :
MSVOA_Y
ClientSampleId :

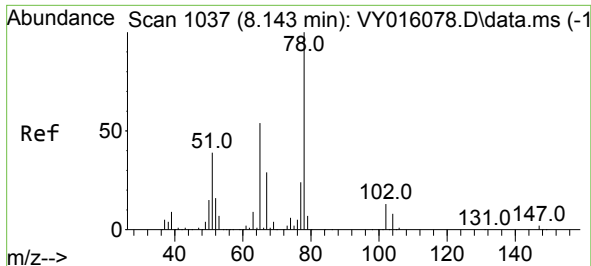
Tgt Ion: 77 Resp: 2963
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.206 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY016100.D
Acq: 27 Oct 2023 13:13

Tgt Ion: 56 Resp: 1838
Ion Ratio Lower Upper
56 100
69 187.5 27.8 41.6#
84 139.3 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.484 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY016100.D

Acq: 27 Oct 2023 13:13

Instrument :

MSVOA_Y

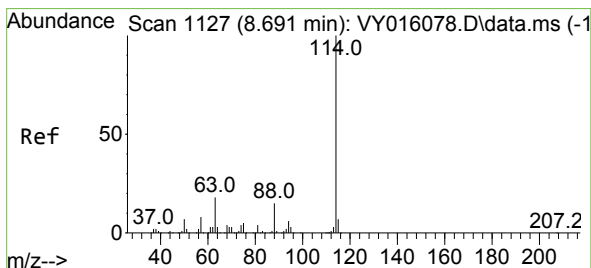
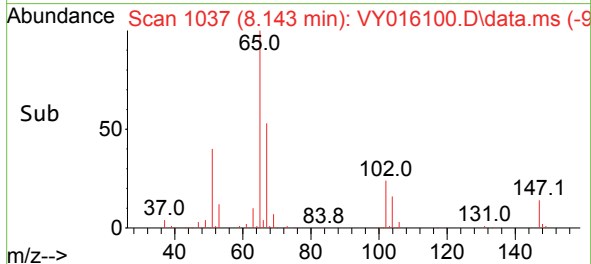
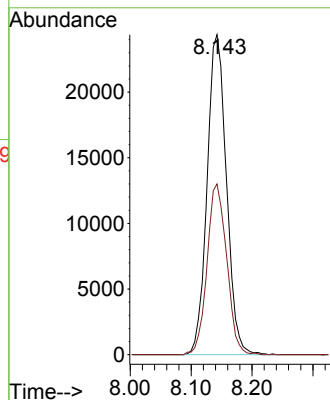
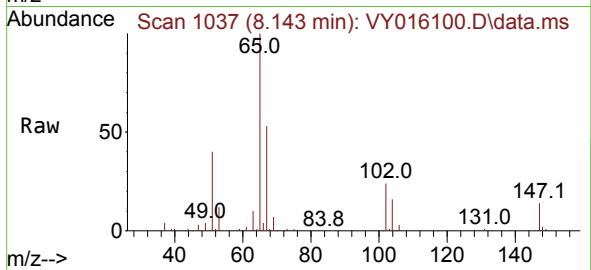
ClientSampleId :

Tgt Ion: 65 Resp: 53754

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: VY016100.D

Acq: 27 Oct 2023 13:13

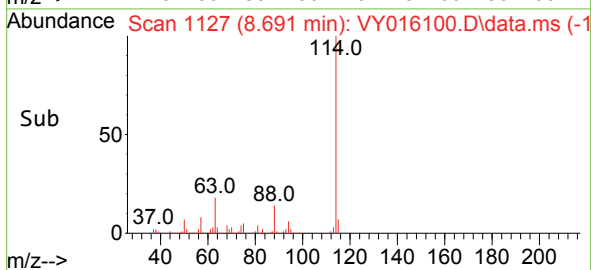
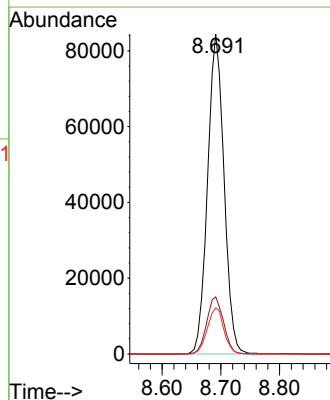
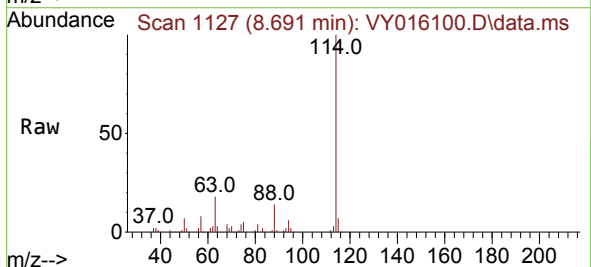
Tgt Ion: 114 Resp: 164221

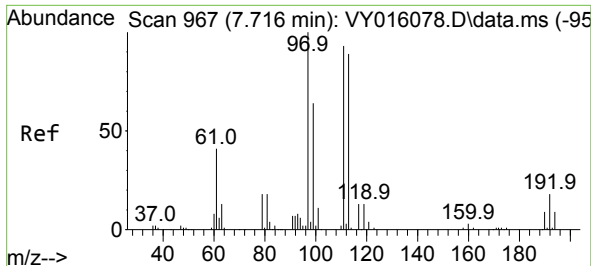
Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

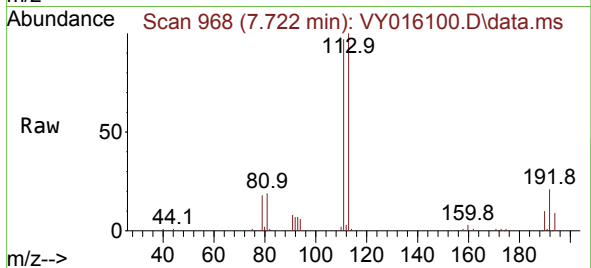
88 14.4 0.0 30.6



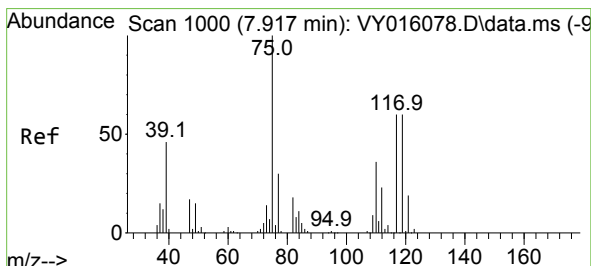
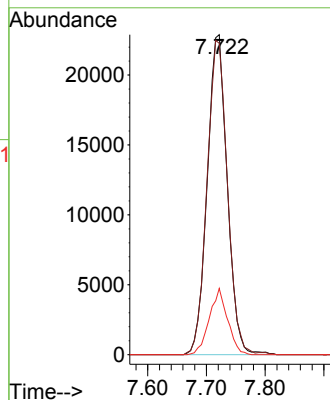
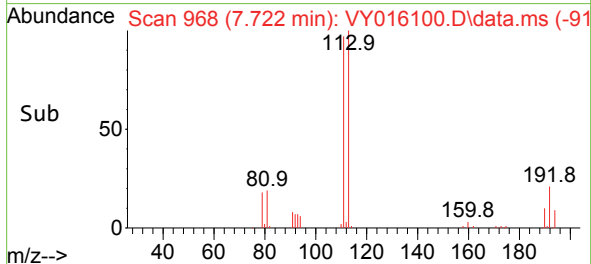


#35
Dibromofluoromethane
Concen: 52.307 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY016100.D
Acq: 27 Oct 2023 13:13

Instrument :
MSVOA_Y
ClientSampleId :

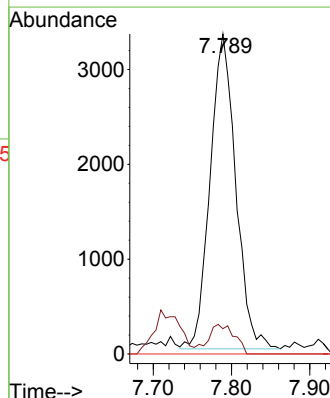
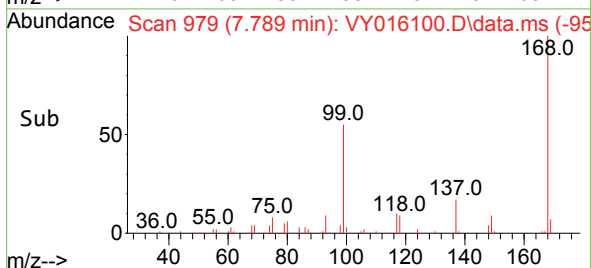
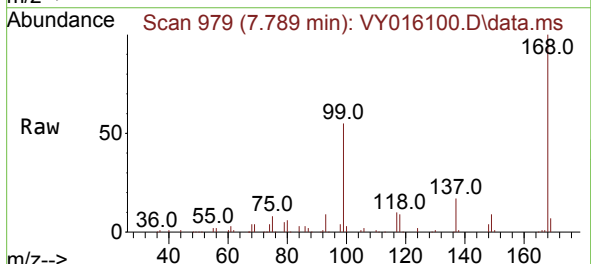


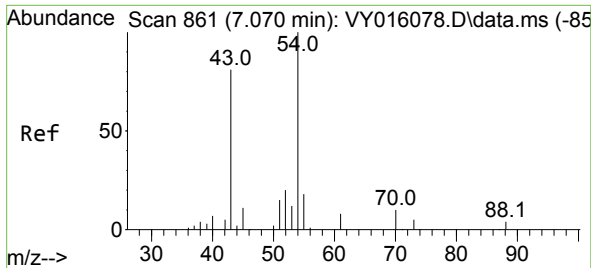
Tgt Ion:113 Resp: 54228
Ion Ratio Lower Upper
113 100
111 100.0 81.3 121.9
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.218 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY016100.D
Acq: 27 Oct 2023 13:13

Tgt Ion: 75 Resp: 7541
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.499 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.091 min

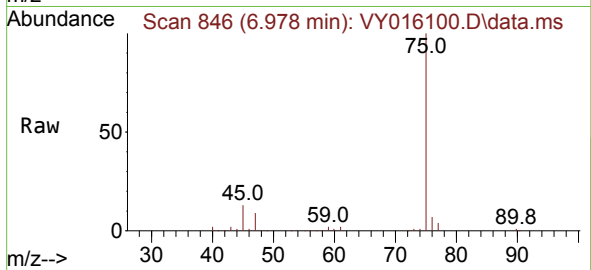
Lab File: VY016100.D

Acq: 27 Oct 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :



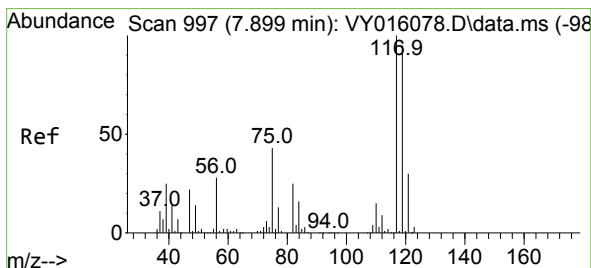
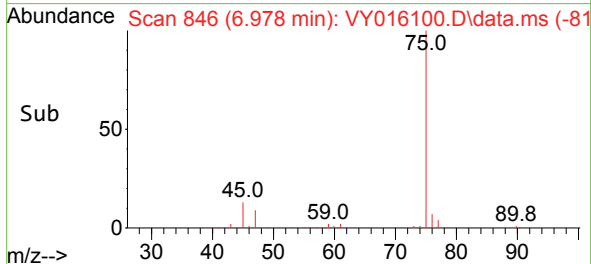
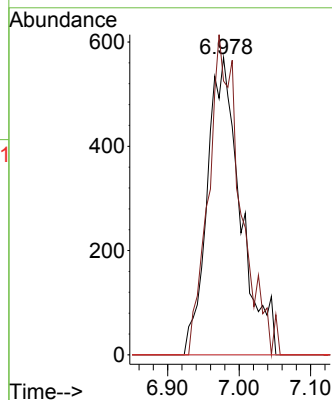
Tgt Ion: 43 Resp: 1851

Ion Ratio Lower Upper

43 100

61 102.9 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.135 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY016100.D

Acq: 27 Oct 2023 13:13

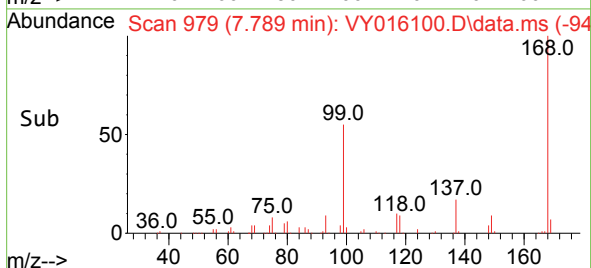
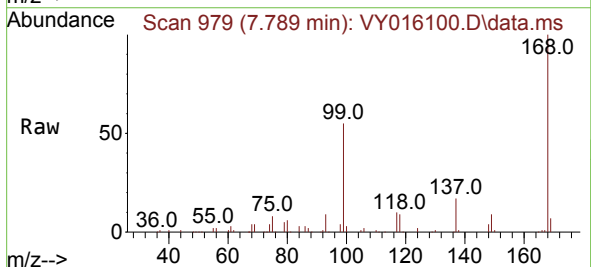
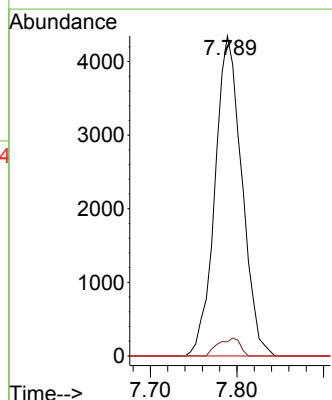
Tgt Ion: 117 Resp: 9376

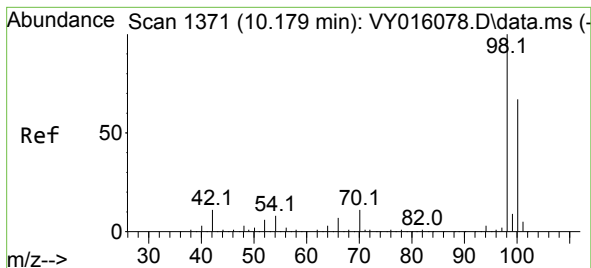
Ion Ratio Lower Upper

117 100

119 4.4 76.4 114.6#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 49.463 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016100.D

Acq: 27 Oct 2023 13:13

Instrument :

MSVOA_Y

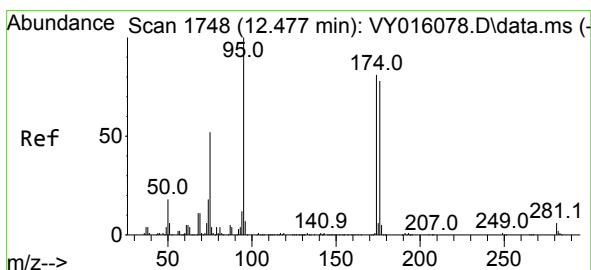
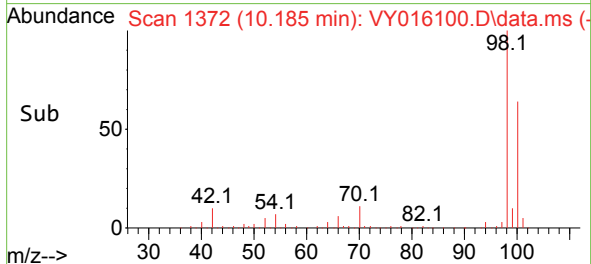
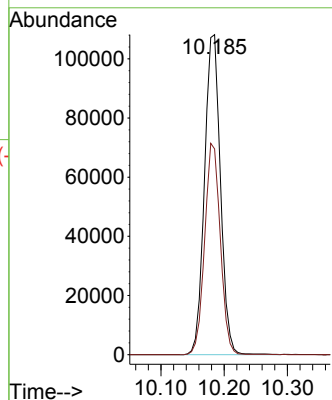
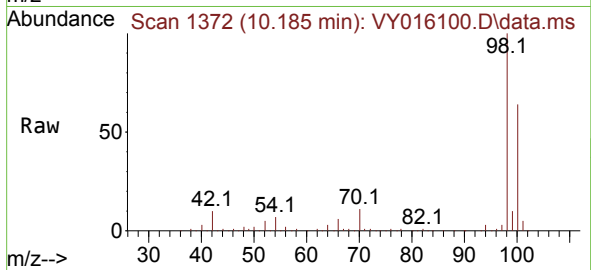
ClientSampleId :

Tgt Ion: 98 Resp: 189947

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 44.675 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016100.D

Acq: 27 Oct 2023 13:13

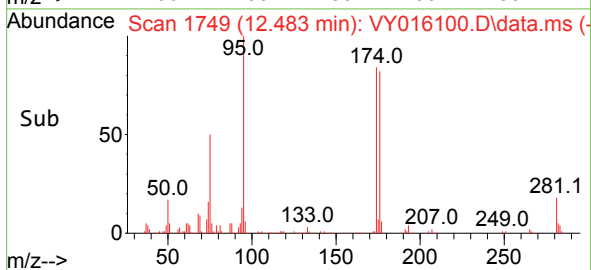
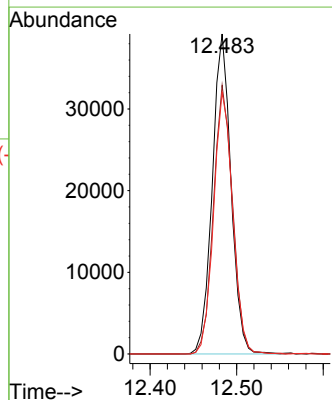
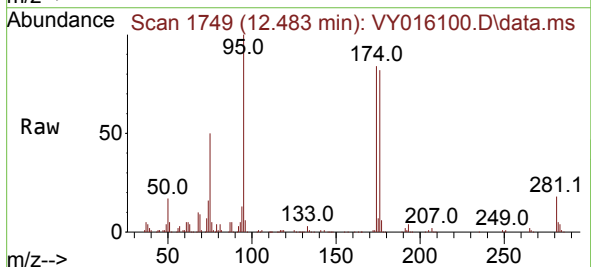
Tgt Ion: 95 Resp: 58849

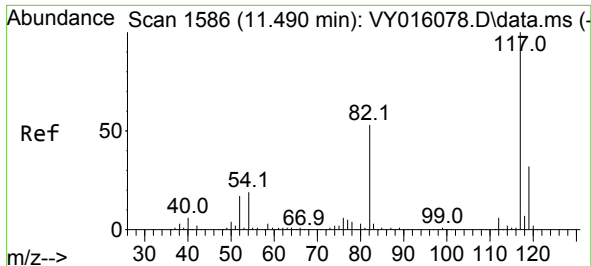
Ion Ratio Lower Upper

95 100

174 85.8 0.0 178.2

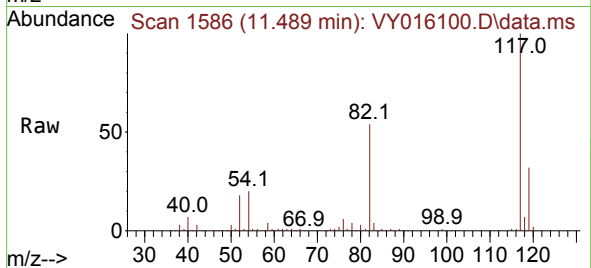
176 83.6 0.0 173.8



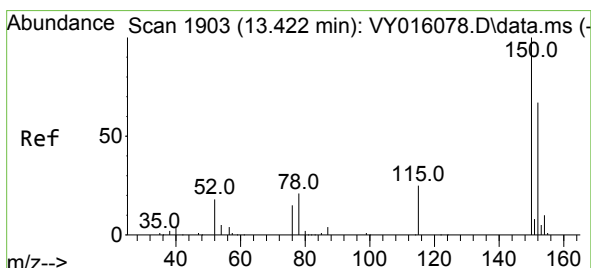
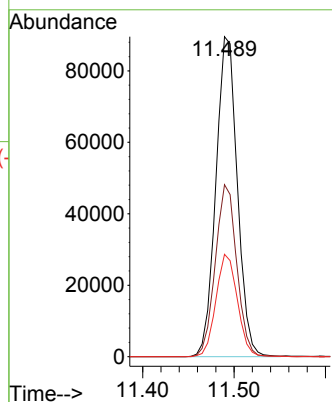
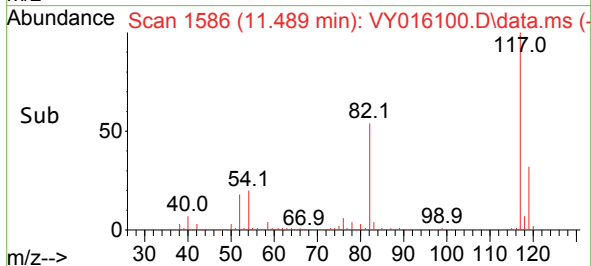


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016100.D
Acq: 27 Oct 2023 13:13

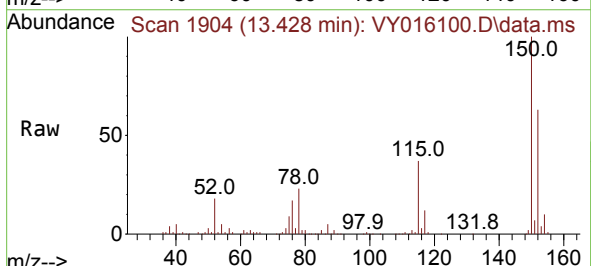
Instrument :
MSVOA_Y
ClientSampleId :



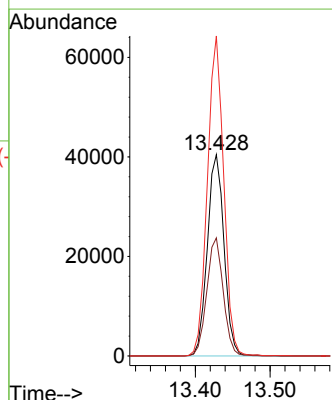
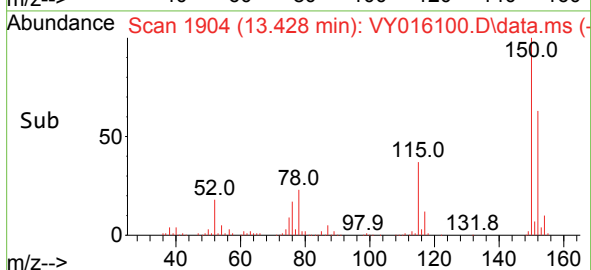
Tgt Ion:117 Resp: 146165
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.0 26.3 39.5

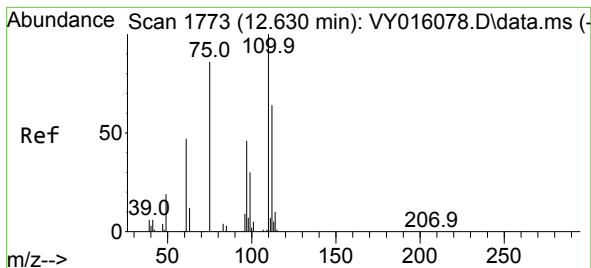


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016100.D
Acq: 27 Oct 2023 13:13



Tgt Ion:152 Resp: 62896
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 155.4 0.0 348.8

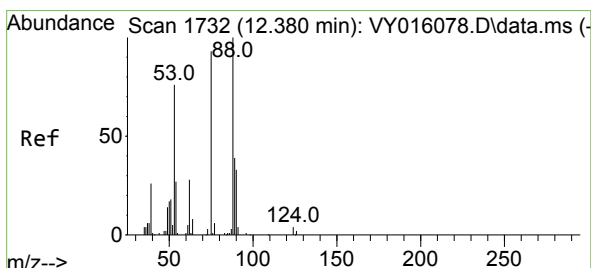
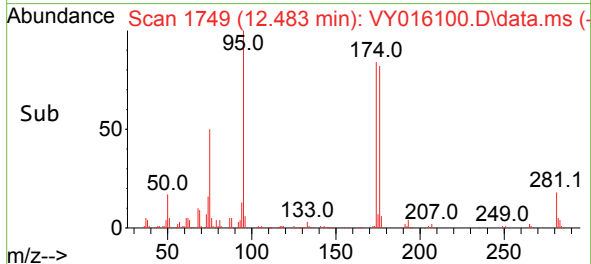
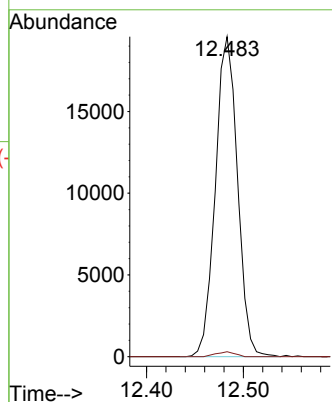
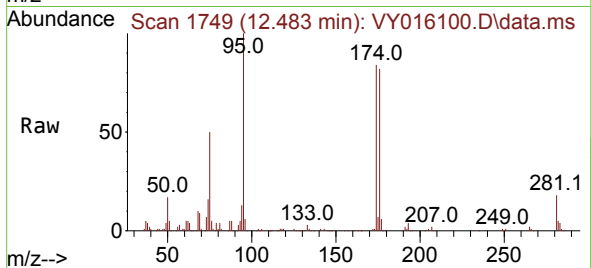




#76
1,2,3-Trichloropropane
Concen: 48.344 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY016100.D
Acq: 27 Oct 2023 13:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 31044
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.058 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY016100.D
Acq: 27 Oct 2023 13:13

Tgt Ion: 75 Resp: 31044
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#

