

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016123.D
 Acq On : 30 Oct 2023 10:38
 Operator : SY/MD
 Sample : VY1030SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 31 01:26:32 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)

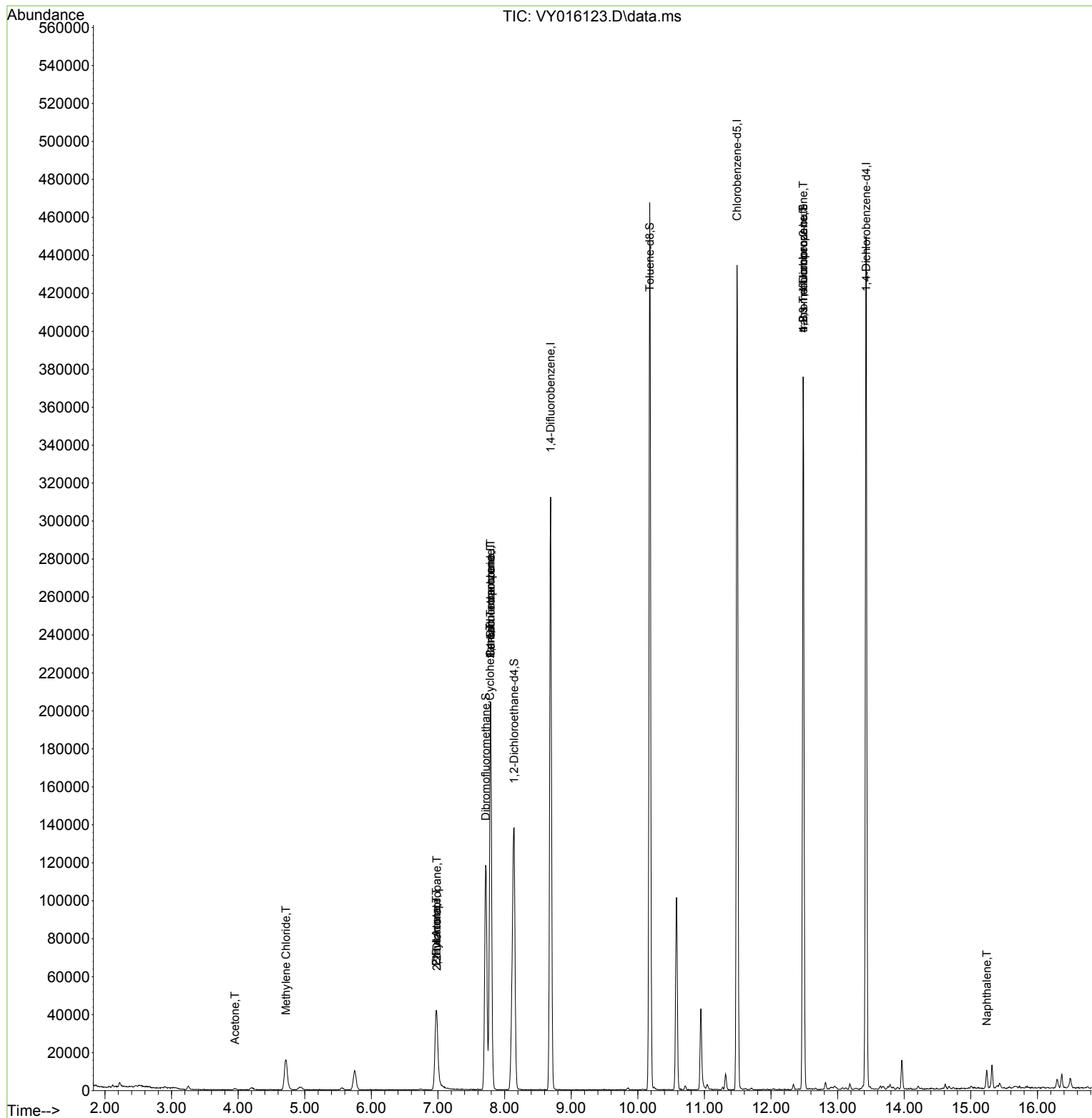
Internal Standards						
1) Pentafluorobenzene	7.789	168	160345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	270339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	243629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	91480	57.375	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.760%			
35) Dibromofluoromethane	7.715	113	85372	50.023	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.040%			
50) Toluene-d8	10.178	98	313157	49.537	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.080%			
62) 4-Bromofluorobenzene	12.483	95	104959	48.402	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.800%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.929	59	1052	Below Cal #		89
16) Acetone	3.954	43	1093	2.529 ug/l #		89
20) Methylene Chloride	4.716	84	12689	1.933 ug/l		96
25) 2-Butanone	6.978	43	2361	4.048 ug/l #		75
26) 2,2-Dichloropropane	6.984	77	3483	1.328 ug/l #		54
31) Cyclohexane	7.783	56	3155	1.258 ug/l #		15
36) 1,1-Dichloropropene	7.789	75	12725	5.349 ug/l #		49
37) Ethyl Acetate	6.978	43	2361	1.936 ug/l #		1
38) Carbon Tetrachloride	7.789	117	15729	6.252 ug/l #		17
76) 1,2,3-Trichloropropane	12.483	75	55784	47.560 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	55784	103.352 ug/l #		11
95) Naphthalene	15.239	128	8096	1.989 ug/l		99

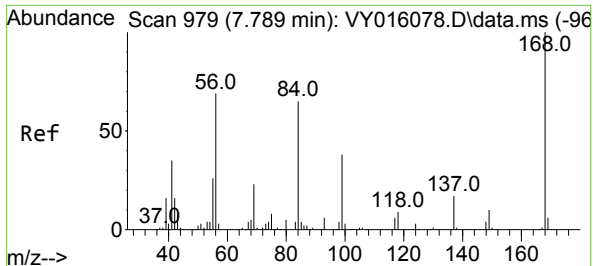
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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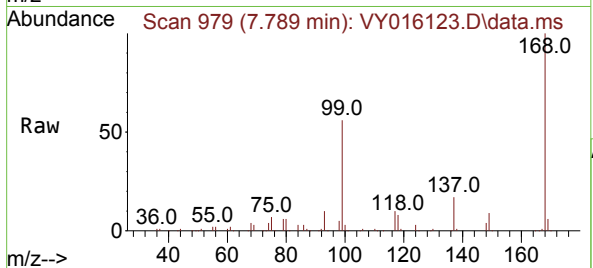
Quant Time: Oct 31 01:26:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
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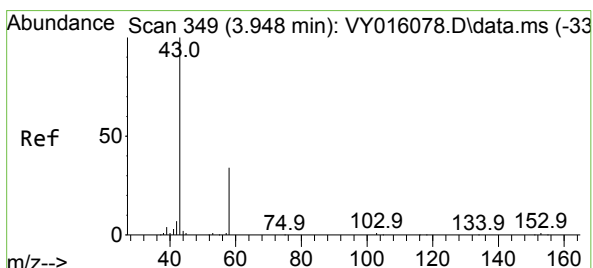
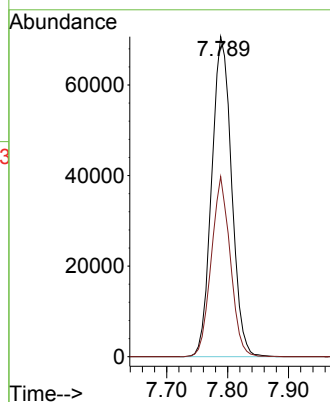
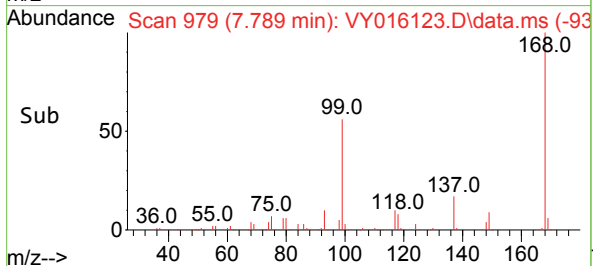


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016123.D
Acq: 30 Oct 2023 10:38

Instrument :
MSVOA_Y
ClientSampleId :

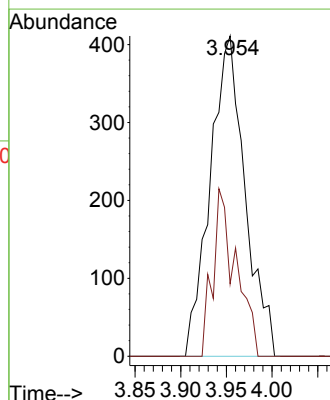
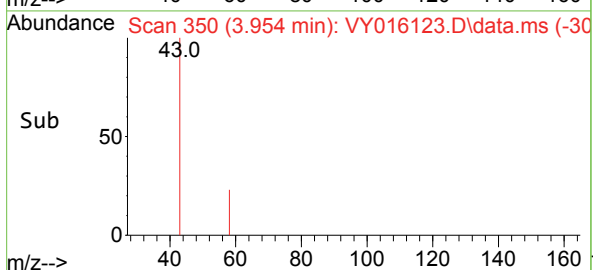
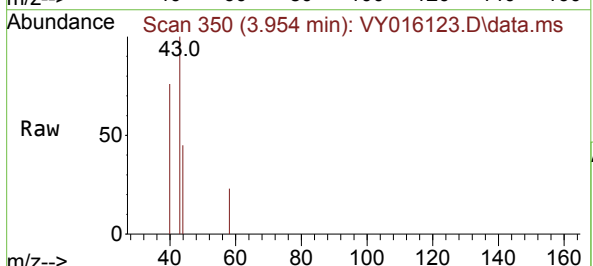


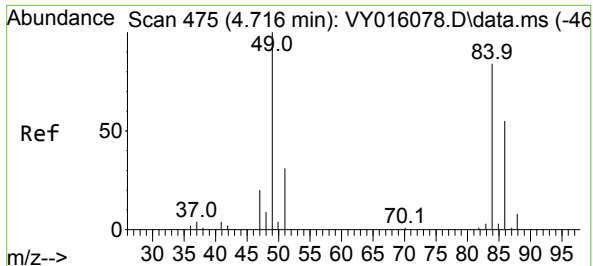
Tgt Ion:168 Resp: 160345
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#16
Acetone
Concen: 2.529 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY016123.D
Acq: 30 Oct 2023 10:38

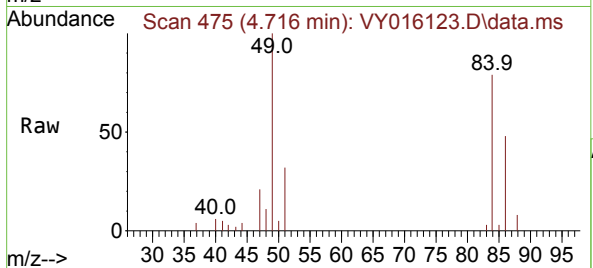
Tgt Ion: 43 Resp: 1093
Ion Ratio Lower Upper
43 100
58 22.6 22.7 34.1#



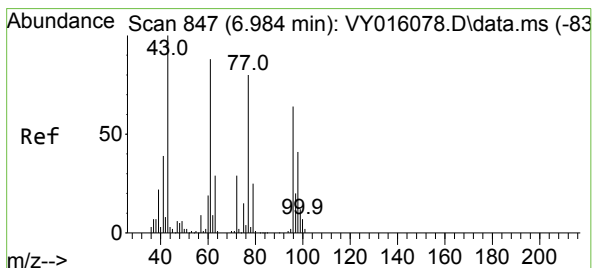
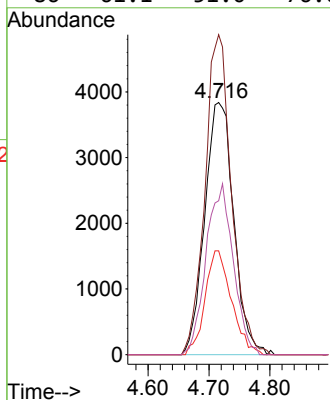


#20
Methylene Chloride
Concen: 1.933 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY016123.D
Acq: 30 Oct 2023 10:38

Instrument :
MSVOA_Y
ClientSampleId :

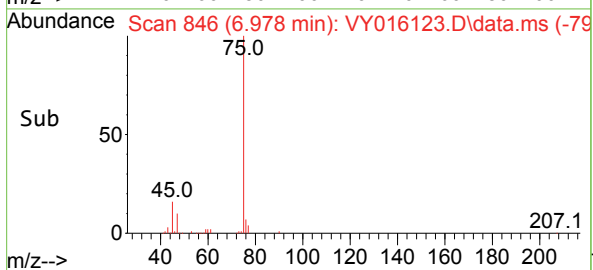
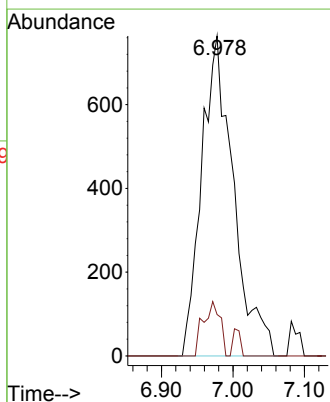
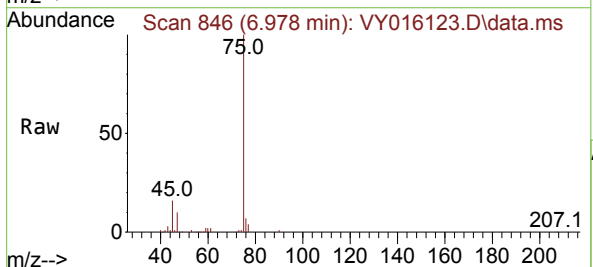


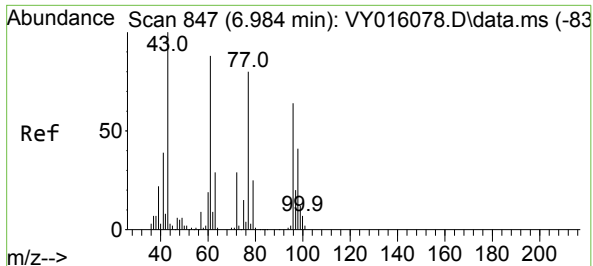
Tgt Ion:	84	Resp:	12689
Ion	Ratio	Lower	Upper
84	100		
49	126.9	106.9	160.3
51	41.2	33.2	49.8
86	61.1	51.0	76.6



#25
2-Butanone
Concen: 4.048 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY016123.D
Acq: 30 Oct 2023 10:38

Tgt Ion:	43	Resp:	2361
Ion	Ratio	Lower	Upper
43	100		
72	13.0	20.5	30.7#





#26

2,2-Dichloropropane

Concen: 1.328 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

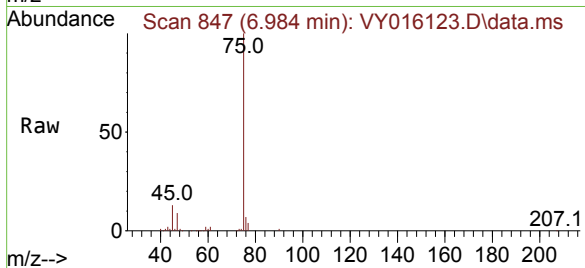
Lab File: VY016123.D

Acq: 30 Oct 2023 10:38

Instrument :

MSVOA_Y

ClientSampleId :

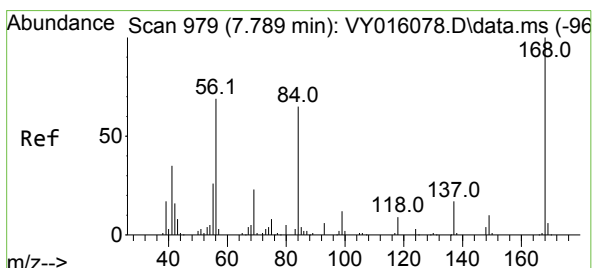
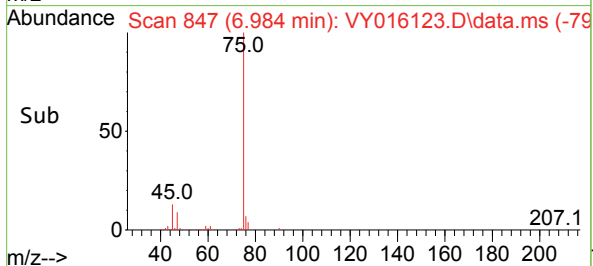
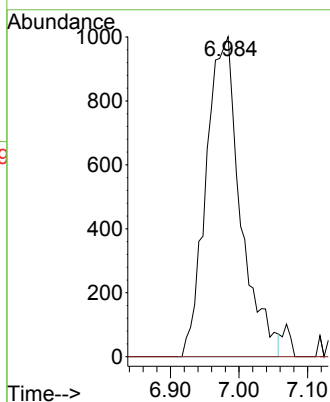


Tgt Ion: 77 Resp: 3483

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#31

Cyclohexane

Concen: 1.258 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY016123.D

Acq: 30 Oct 2023 10:38

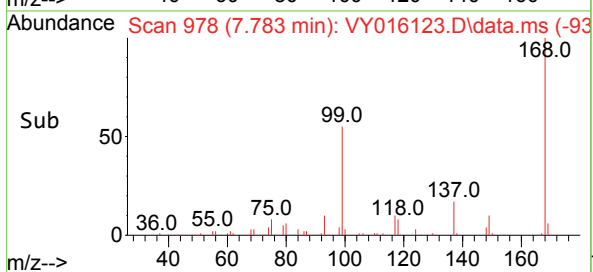
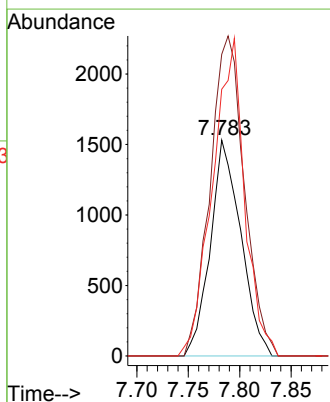
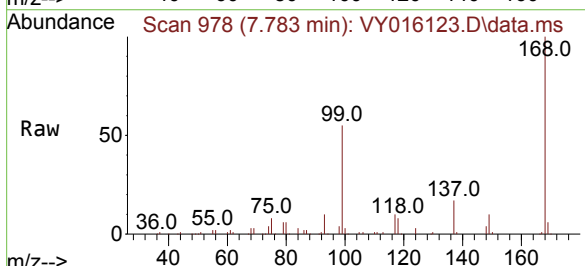
Tgt Ion: 56 Resp: 3155

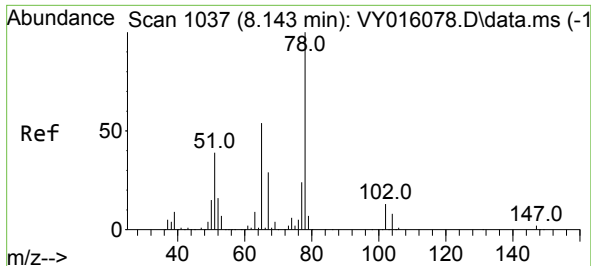
Ion Ratio Lower Upper

56 100

69 139.8 27.8 41.6#

84 123.6 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 57.375 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY016123.D

Acq: 30 Oct 2023 10:38

Instrument :

MSVOA_Y

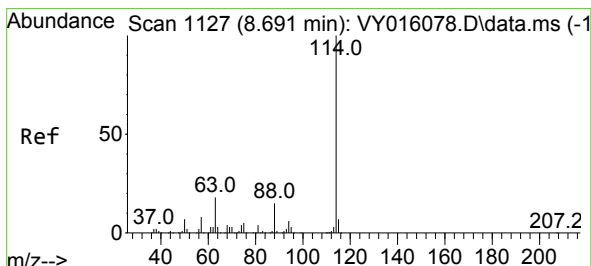
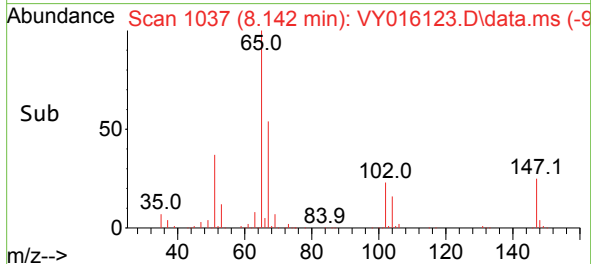
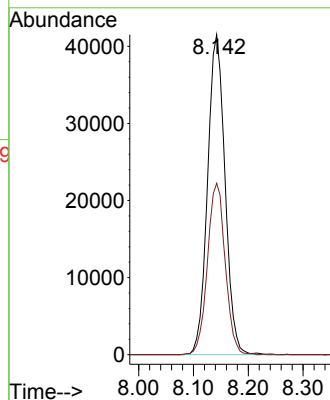
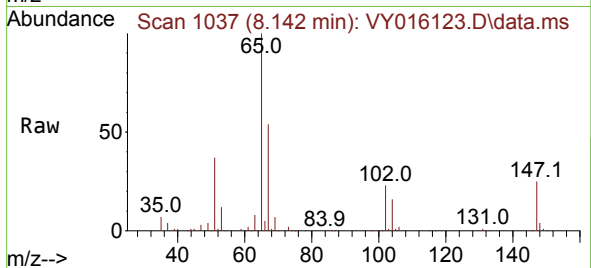
ClientSampleId :

Tgt Ion: 65 Resp: 91480

Ion Ratio Lower Upper

65 100

67 54.6 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: VY016123.D

Acq: 30 Oct 2023 10:38

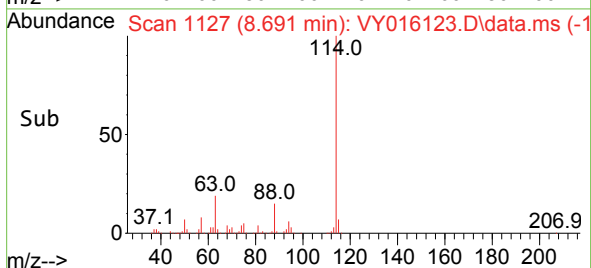
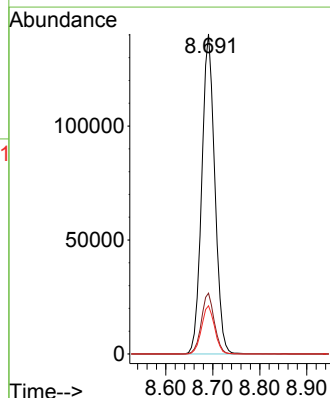
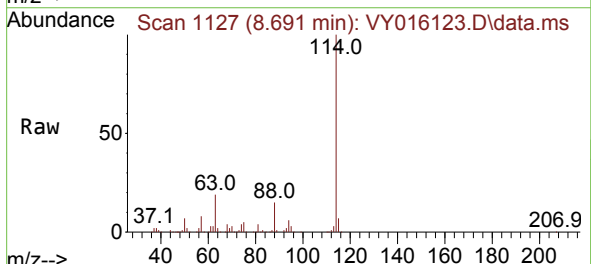
Tgt Ion: 114 Resp: 270339

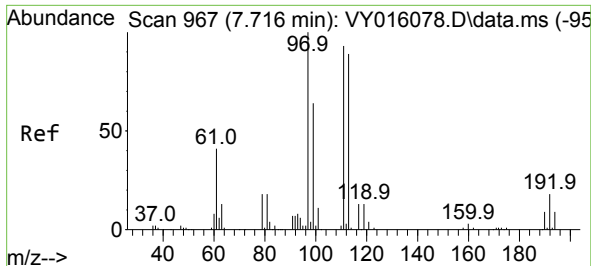
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

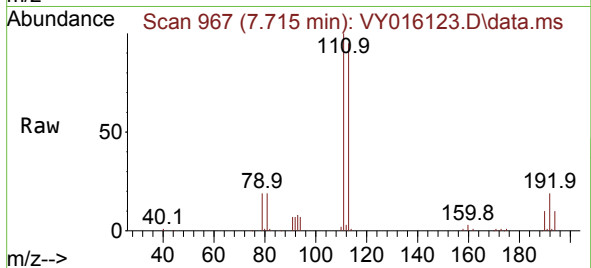
88 15.1 0.0 30.6



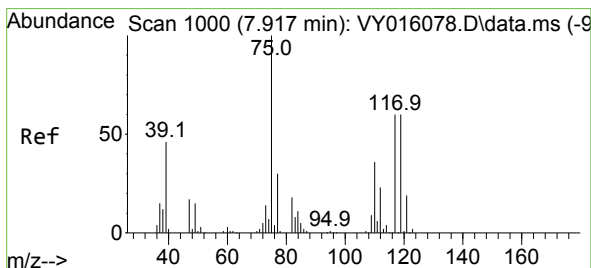
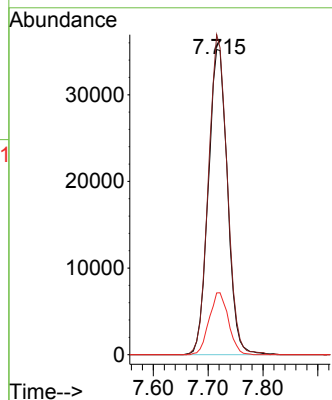
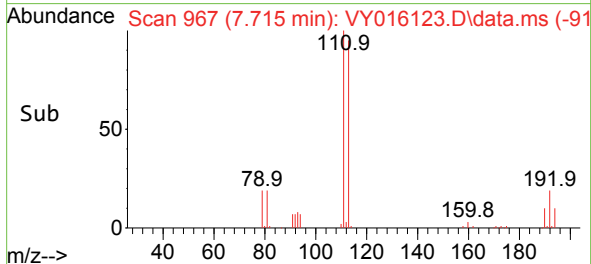


#35
Dibromofluoromethane
Concen: 50.023 ug/l
RT: 7.715 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY016123.D
Acq: 30 Oct 2023 10:38

Instrument :
MSVOA_Y
ClientSampleId :

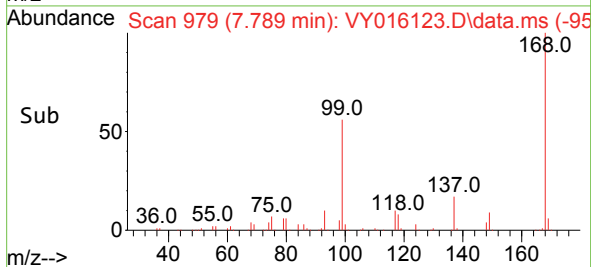
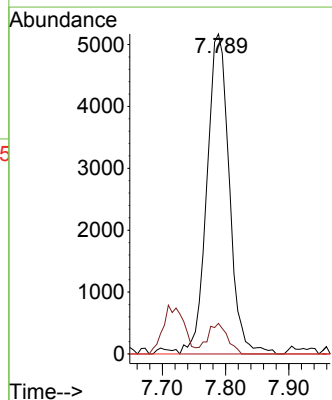
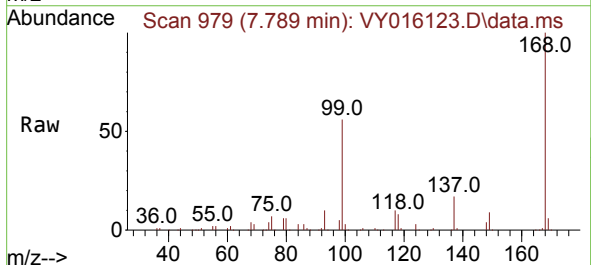


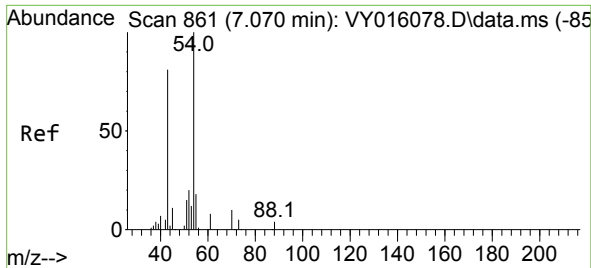
Tgt Ion:113 Resp: 85372
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.349 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY016123.D
Acq: 30 Oct 2023 10:38

Tgt Ion: 75 Resp: 12725
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.936 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.092 min

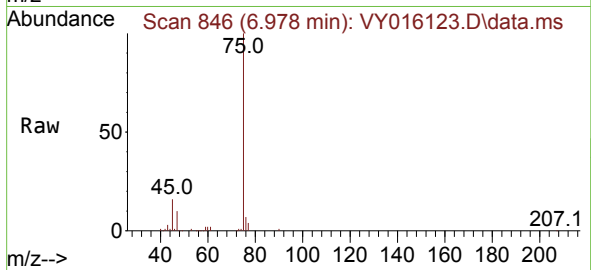
Lab File: VY016123.D

Acq: 30 Oct 2023 10:38

Instrument :

MSVOA_Y

ClientSampleId :



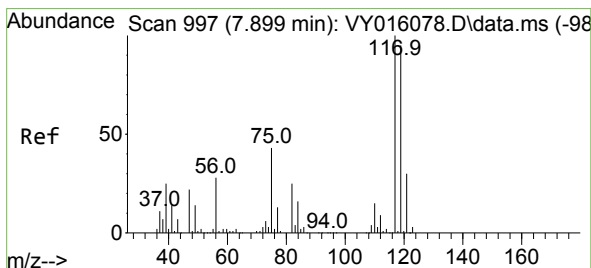
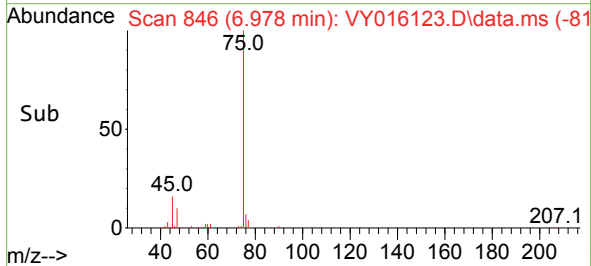
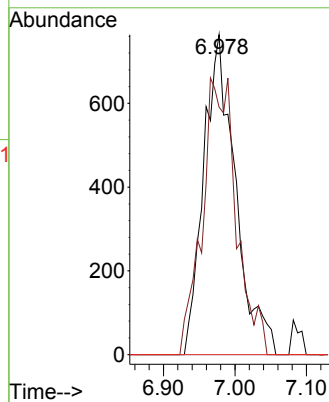
Tgt Ion: 43 Resp: 2361

Ion Ratio Lower Upper

43 100

61 92.4 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.252 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY016123.D

Acq: 30 Oct 2023 10:38

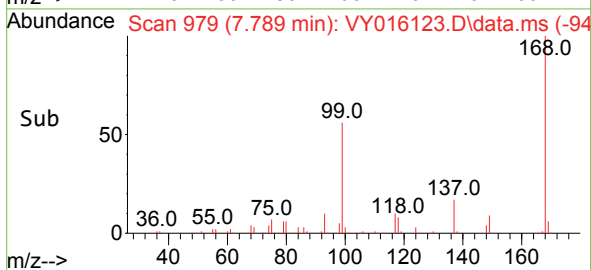
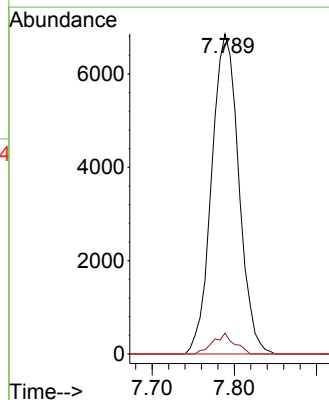
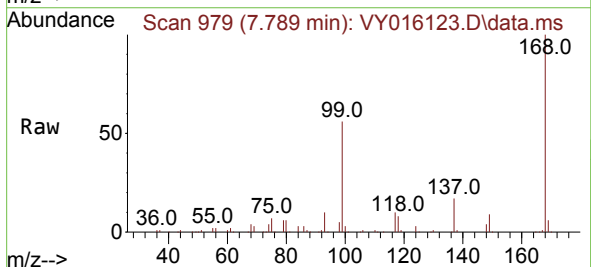
Tgt Ion: 117 Resp: 15729

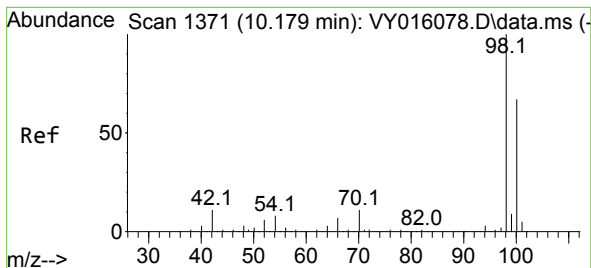
Ion Ratio Lower Upper

117 100

119 6.5 76.4 114.6#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 49.537 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY016123.D

Acq: 30 Oct 2023 10:38

Instrument :

MSVOA_Y

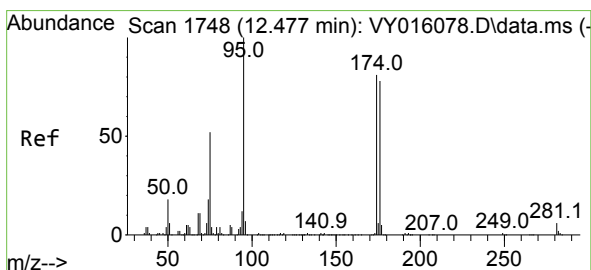
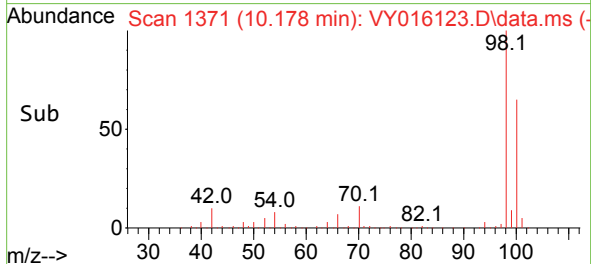
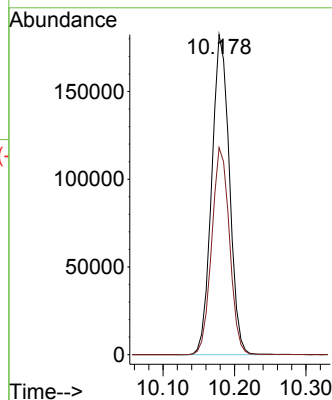
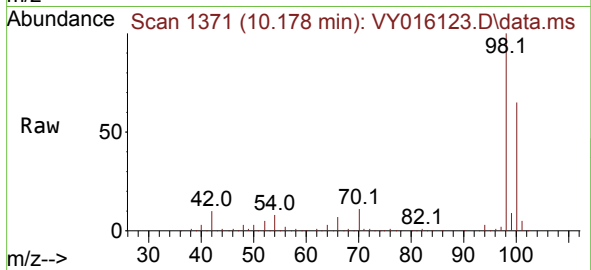
ClientSampleId :

Tgt Ion: 98 Resp: 313157

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.402 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016123.D

Acq: 30 Oct 2023 10:38

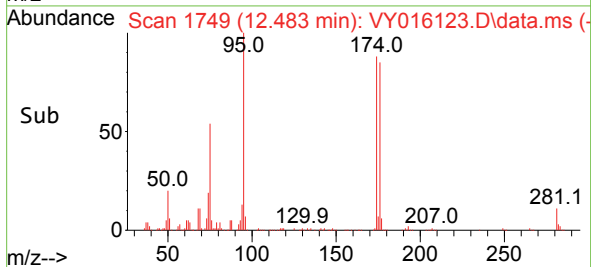
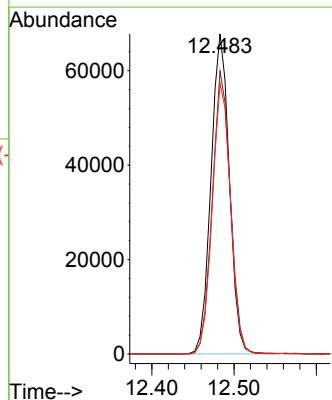
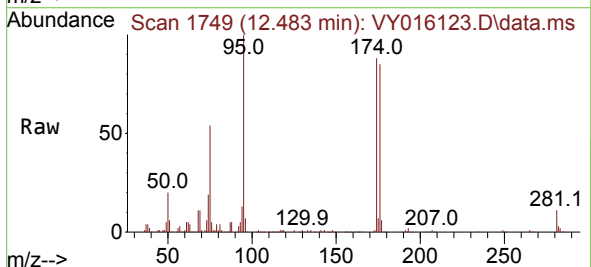
Tgt Ion: 95 Resp: 104959

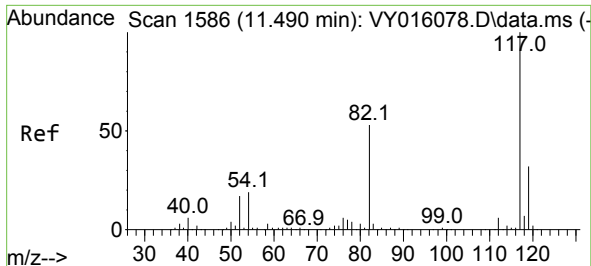
Ion Ratio Lower Upper

95 100

174 87.5 0.0 178.2

176 84.5 0.0 173.8

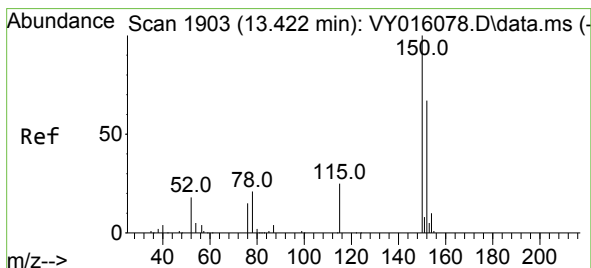
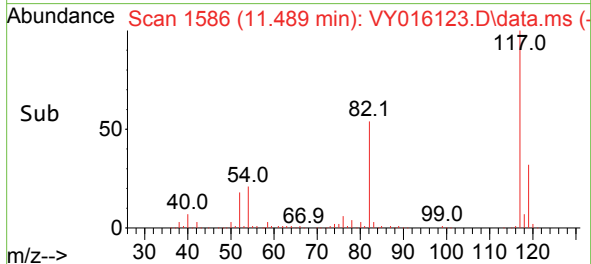
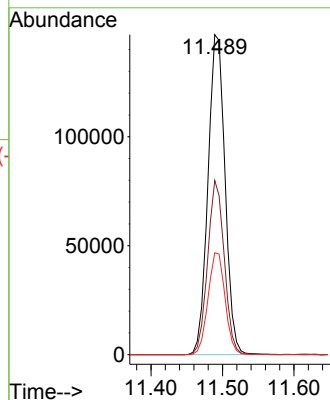
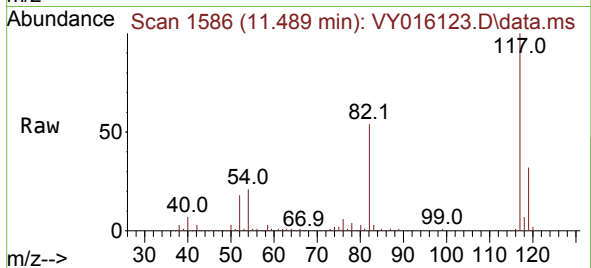




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016123.D
Acq: 30 Oct 2023 10:38

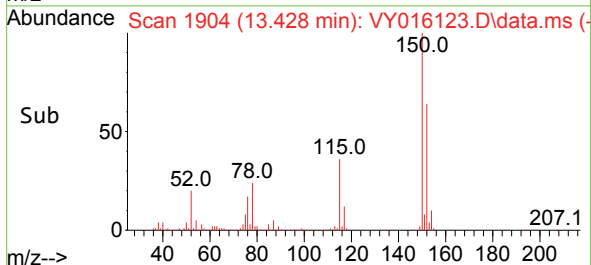
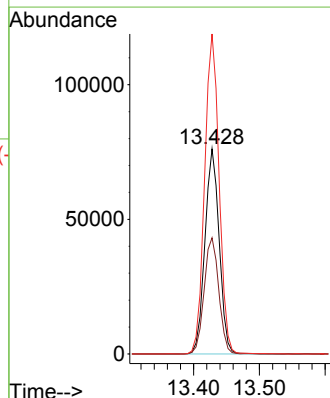
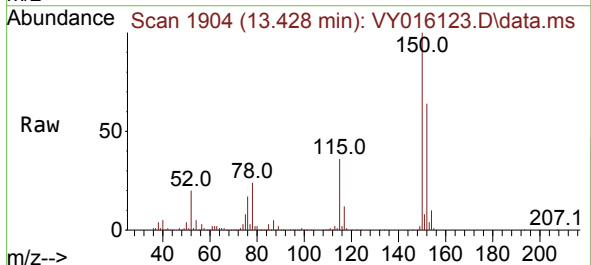
Instrument :
MSVOA_Y
ClientSampleId :

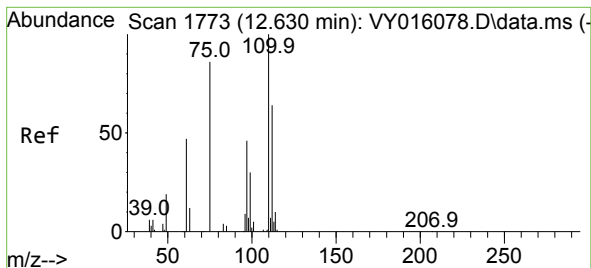
Tgt Ion:117 Resp: 243629
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016123.D
Acq: 30 Oct 2023 10:38

Tgt Ion:152 Resp: 114885
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 158.2 0.0 348.8

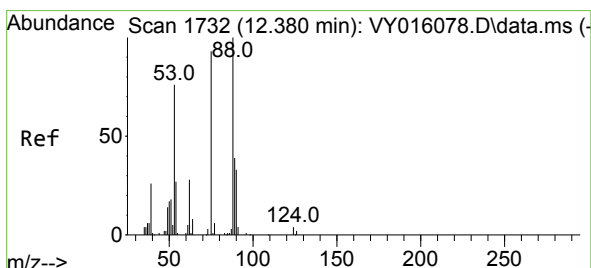
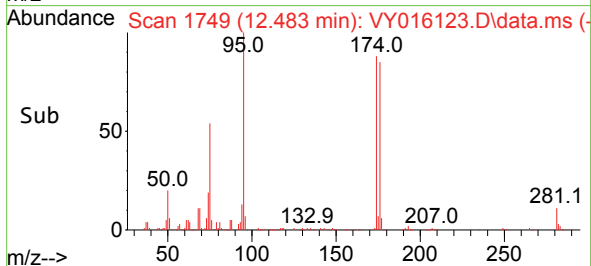
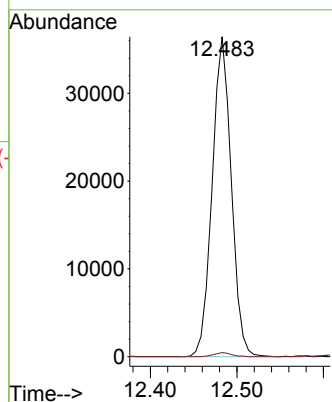
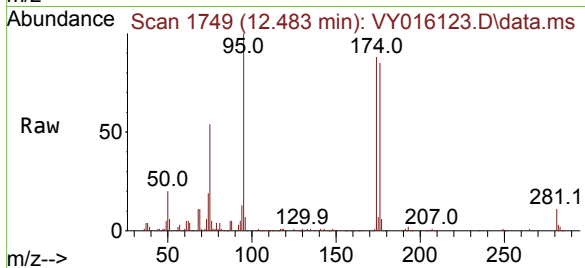




#76
1,2,3-Trichloropropane
Concen: 47.560 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY016123.D
Acq: 30 Oct 2023 10:38

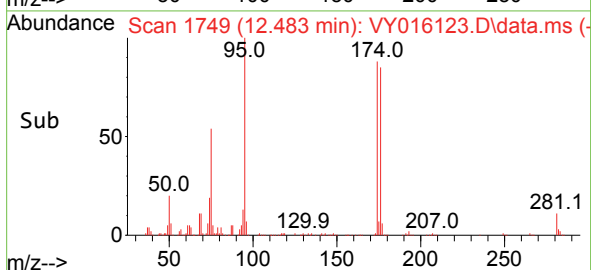
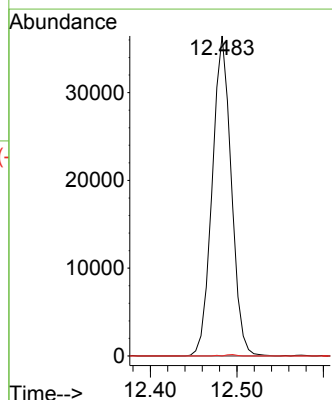
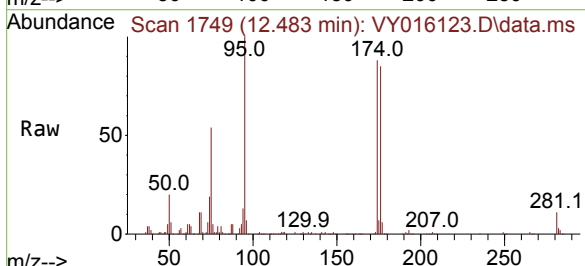
Instrument :
MSVOA_Y
ClientSampleId :

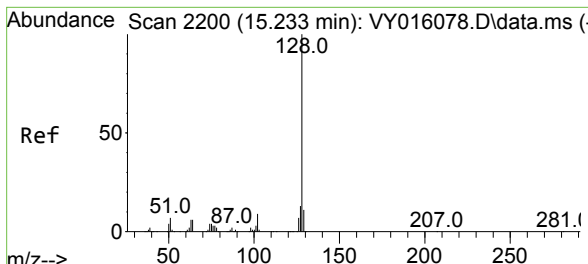
Tgt Ion: 75 Resp: 55784
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.352 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY016123.D
Acq: 30 Oct 2023 10:38

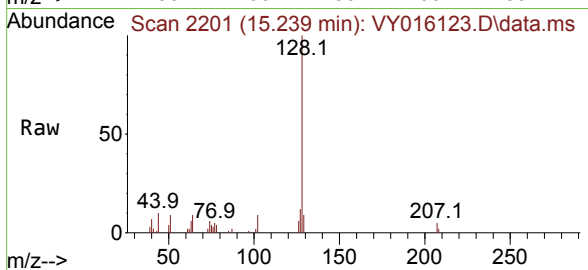
Tgt Ion: 75 Resp: 55784
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#





#95
 Naphthalene
 Concen: 1.989 ug/l
 RT: 15.239 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY016123.D
 Acq: 30 Oct 2023 10:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	8096
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.8	16.2
129	10.9	8.6	13.0

