

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016101.D
 Acq On : 27 Oct 2023 13:36
 Operator : SY/MD
 Sample : 05090-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 06:07:56 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)

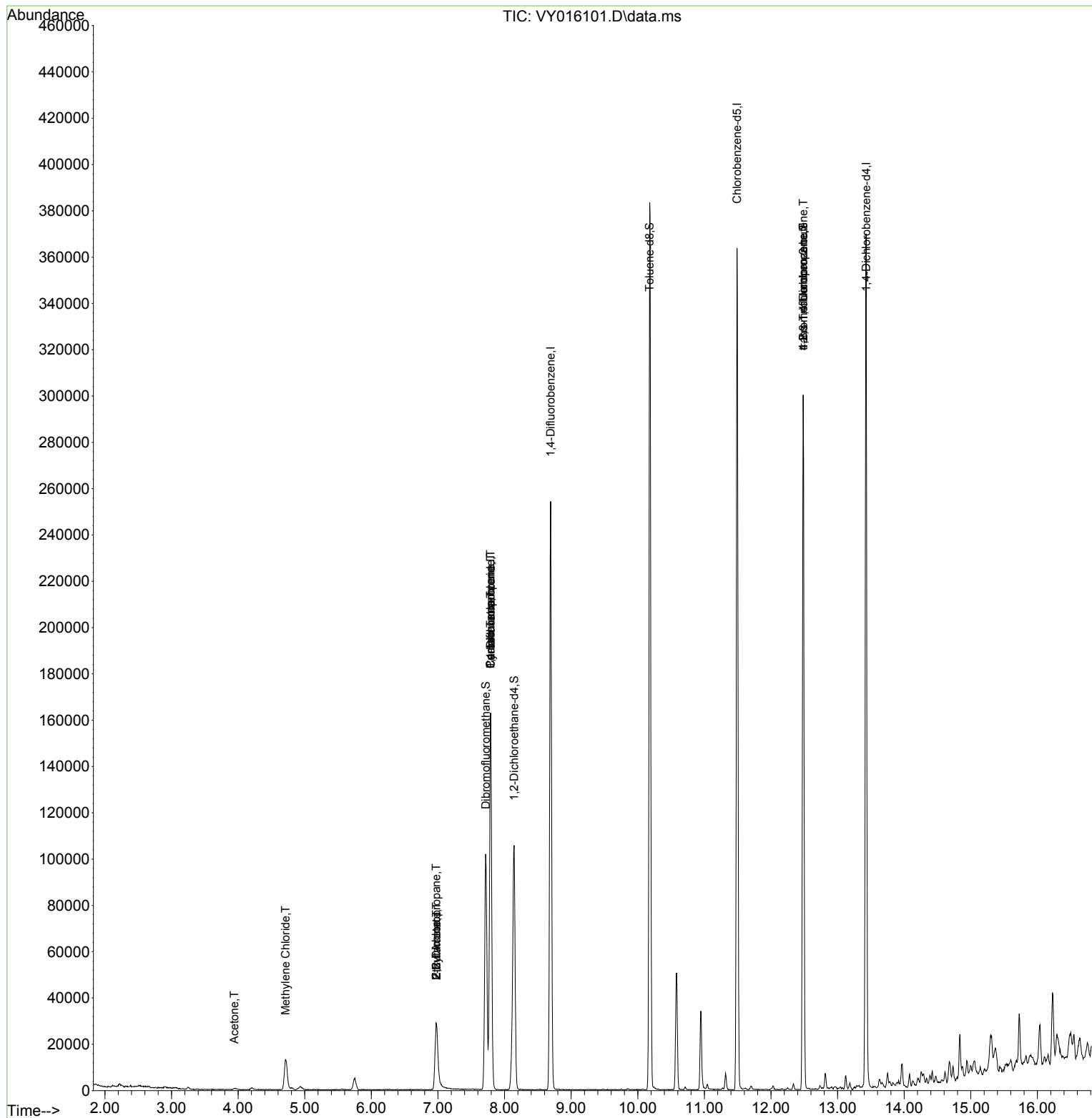
Internal Standards						
1) Pentafluorobenzene	7.789	168	127564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76701	60.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.940%	
35) Dibromofluoromethane	7.716	113	73571	53.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.840%	
50) Toluene-d8	10.179	98	255483	50.082	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.483	95	86373	49.360	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	2097	Below Cal	#	89
16) Acetone	3.942	43	1114	3.240	ug/l	96
20) Methylene Chloride	4.710	84	10506	2.281	ug/l	86
25) 2-Butanone	6.978	43	1365	2.942	ug/l #	76
26) 2,2-Dichloropropane	6.972	77	2208	1.058	ug/l #	54
31) Cyclohexane	7.789	56	2317	1.161	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10093	5.258	ug/l #	48
37) Ethyl Acetate	6.978	43	1365	1.387	ug/l #	1
38) Carbon Tetrachloride	7.789	117	12710	6.261	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	45090	46.093	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45090	100.165	ug/l #	11

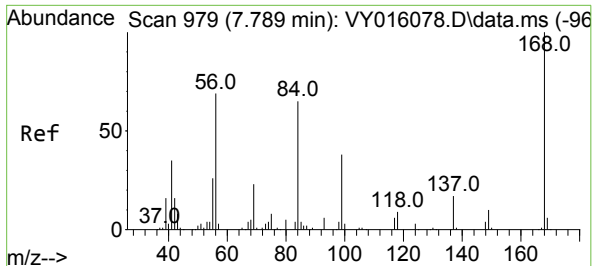
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
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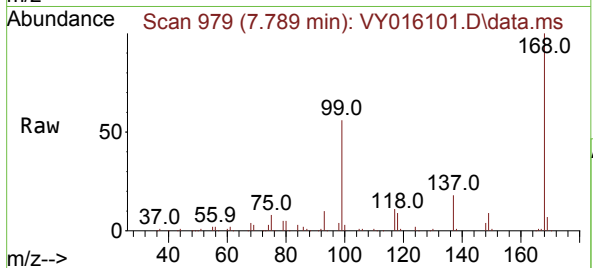
Quant Time: Oct 30 06:07:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration



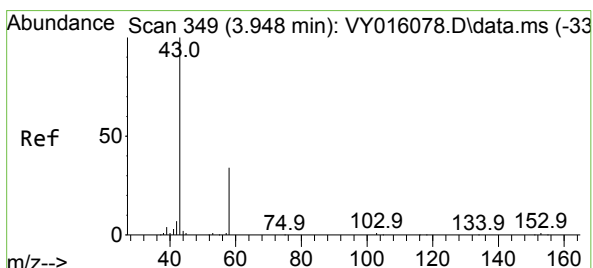
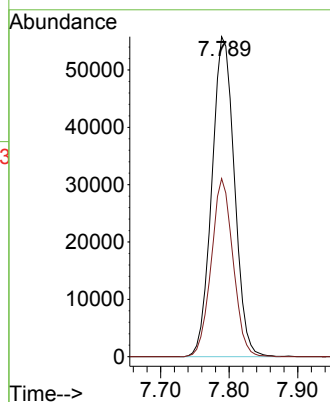
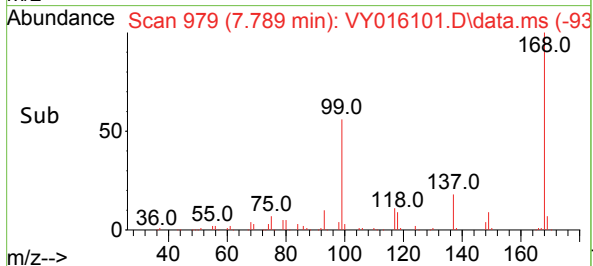


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016101.D
Acq: 27 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

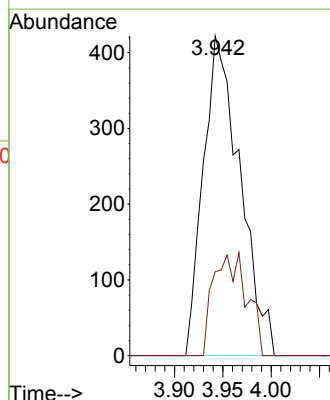
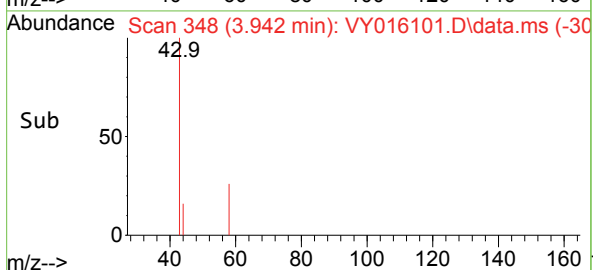
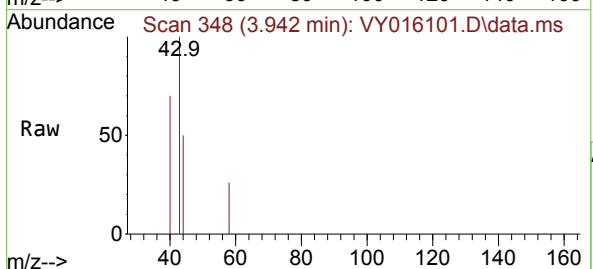


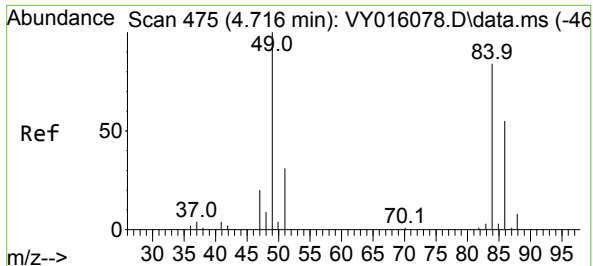
Tgt Ion:168 Resp: 127564
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#16
Acetone
Concen: 3.240 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY016101.D
Acq: 27 Oct 2023 13:36

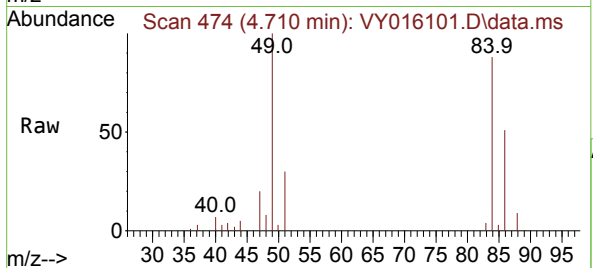
Tgt Ion: 43 Resp: 1114
Ion Ratio Lower Upper
43 100
58 26.3 22.7 34.1



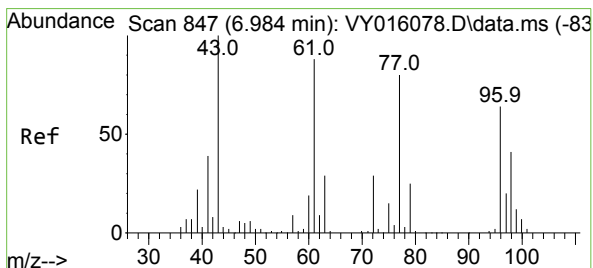
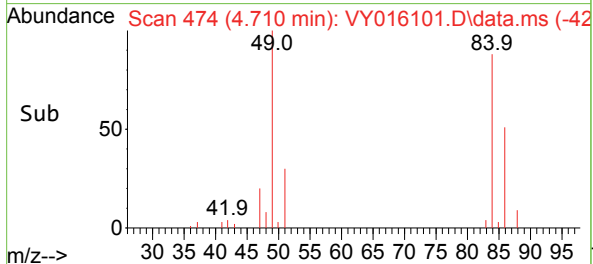
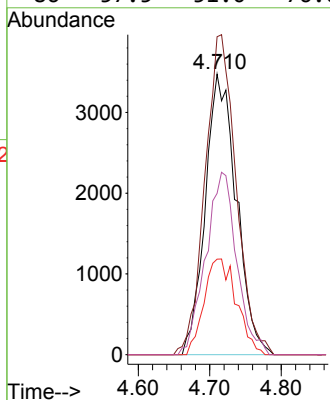


#20
Methylene Chloride
Concen: 2.281 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016101.D
Acq: 27 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

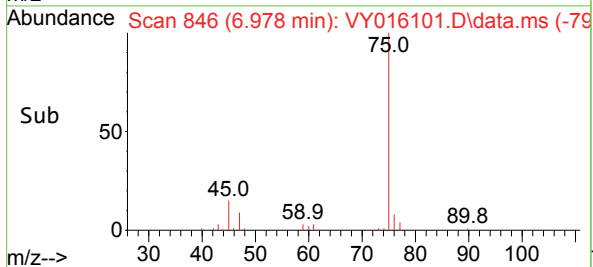
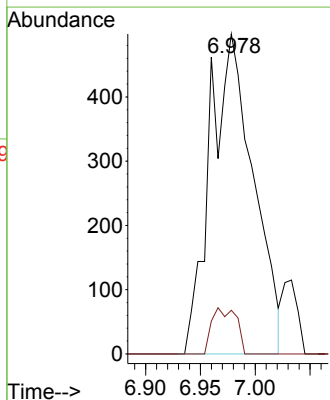
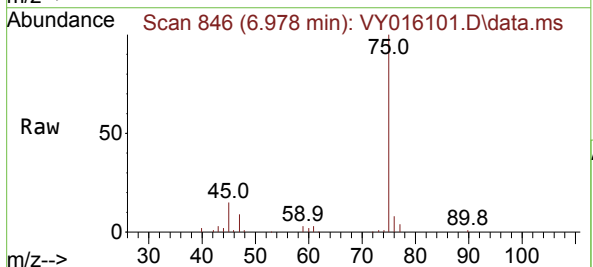


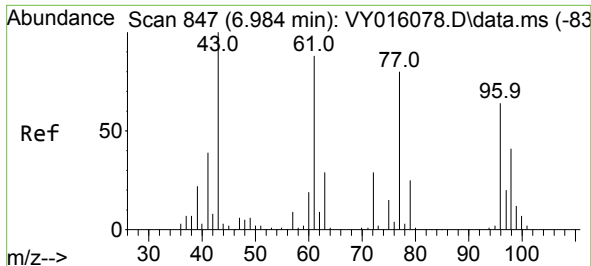
Tgt Ion:	84	Resp:	10506
Ion	Ratio	Lower	Upper
84	100		
49	113.3	106.9	160.3
51	34.1	33.2	49.8
86	57.5	51.0	76.6



#25
2-Butanone
Concen: 2.942 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY016101.D
Acq: 27 Oct 2023 13:36

Tgt Ion:	43	Resp:	1365
Ion	Ratio	Lower	Upper
43	100		
72	13.7	20.5	30.7#





#26

2,2-Dichloropropane

Concen: 1.058 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY016101.D

Acq: 27 Oct 2023 13:36

Instrument :

MSVOA_Y

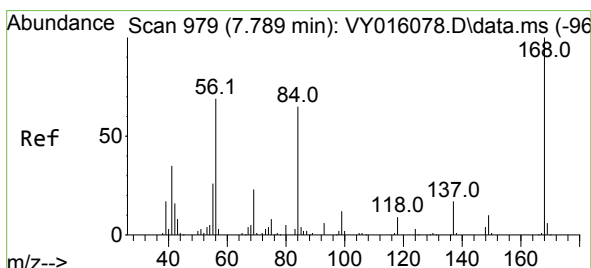
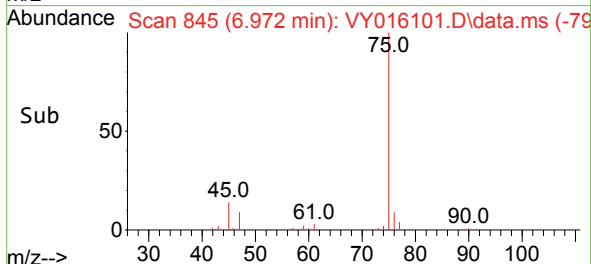
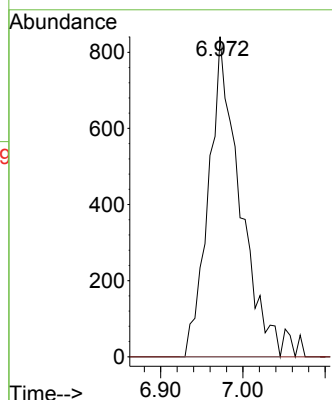
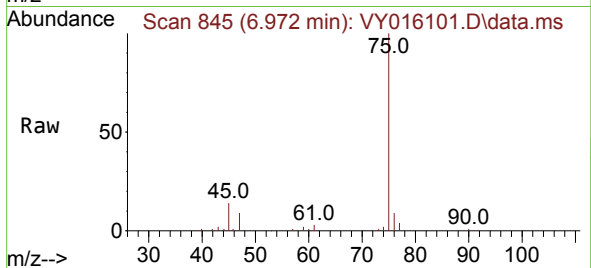
ClientSampleId :

Tgt Ion: 77 Resp: 2208

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#31

Cyclohexane

Concen: 1.161 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY016101.D

Acq: 27 Oct 2023 13:36

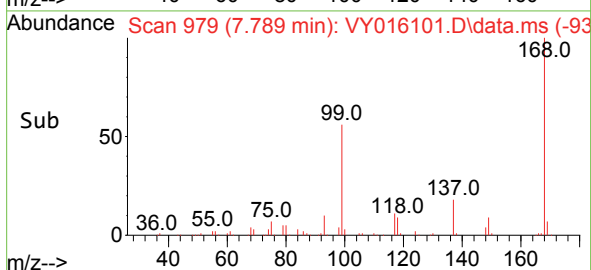
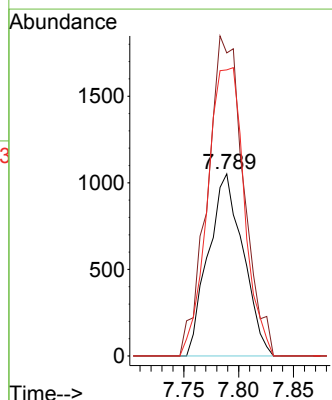
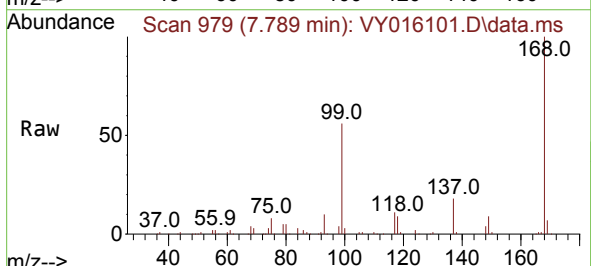
Tgt Ion: 56 Resp: 2317

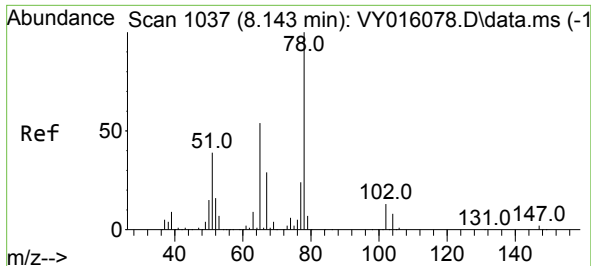
Ion Ratio Lower Upper

56 100

69 166.3 27.8 41.6#

84 157.0 66.4 99.6#

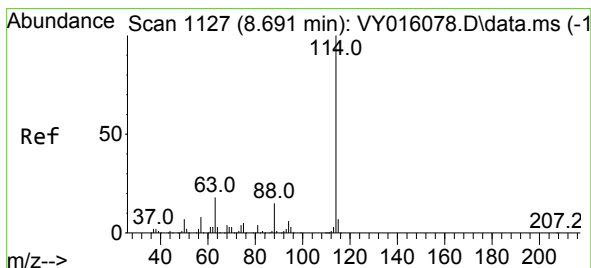
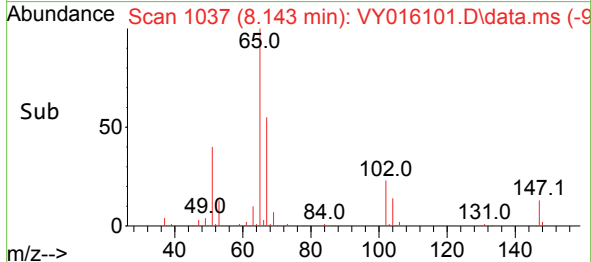
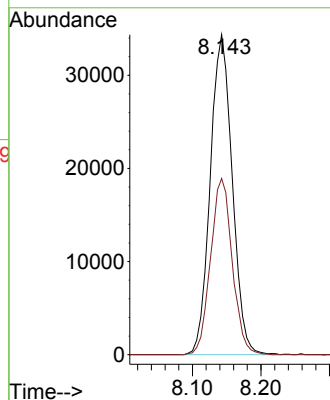
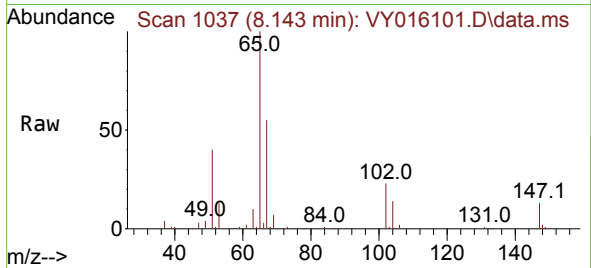




#33
 1,2-Dichloroethane-d4
 Concen: 60.468 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY016101.D
 Acq: 27 Oct 2023 13:36

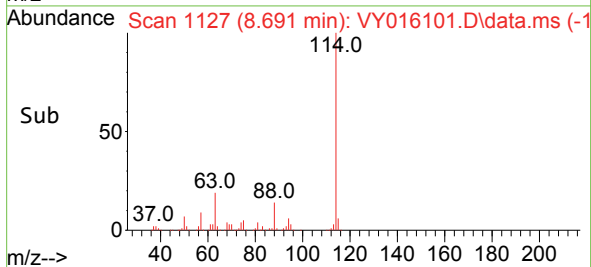
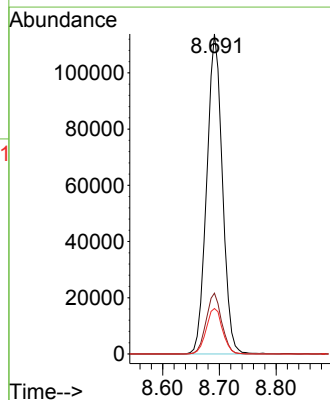
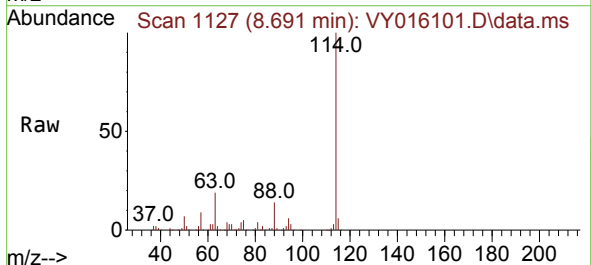
Instrument :
 MSVOA_Y
 ClientSampleId :

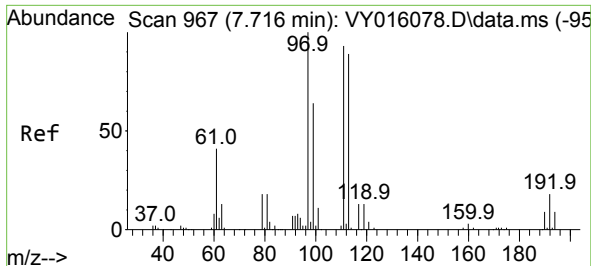
Tgt Ion: 65 Resp: 76701
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY016101.D
 Acq: 27 Oct 2023 13:36

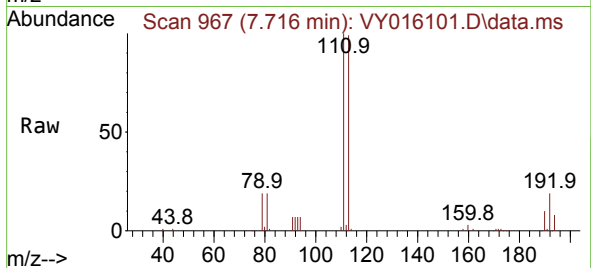
Tgt Ion: 114 Resp: 218149
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 14.2 0.0 30.6



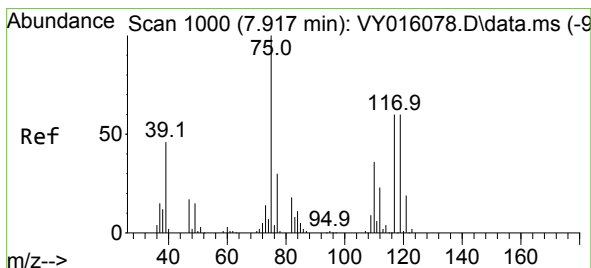
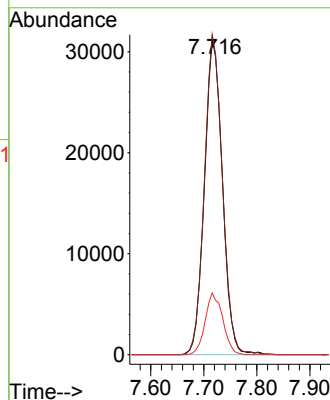
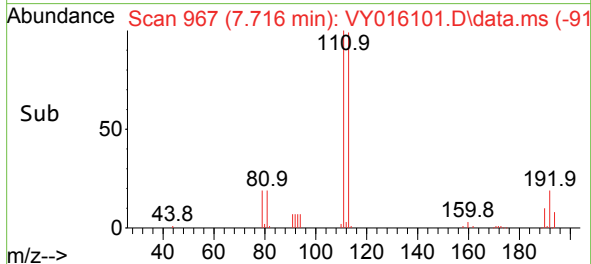


#35
Dibromofluoromethane
Concen: 53.422 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY016101.D
Acq: 27 Oct 2023 13:36

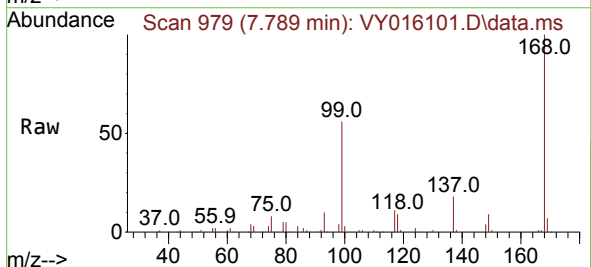
Instrument :
MSVOA_Y
ClientSampleId :



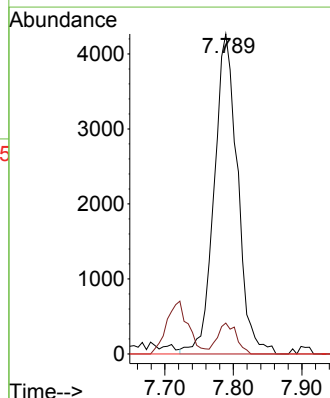
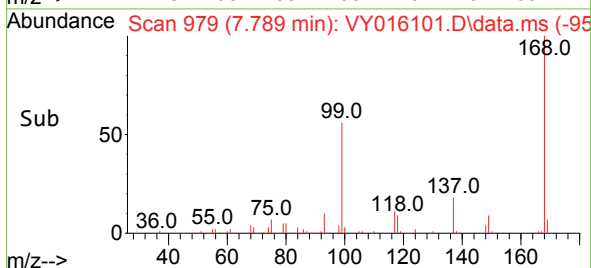
Tgt Ion:113 Resp: 73571
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 19.2 16.9 25.3

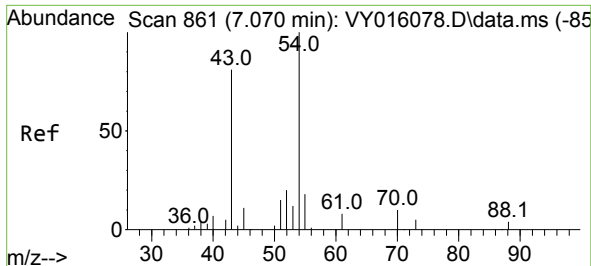


#36
1,1-Dichloropropene
Concen: 5.258 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY016101.D
Acq: 27 Oct 2023 13:36



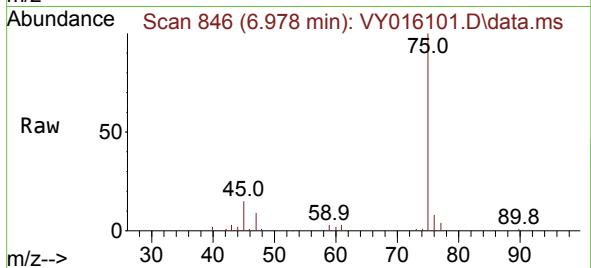
Tgt Ion: 75 Resp: 10093
Ion Ratio Lower Upper
75 100
110 7.7 17.8 53.5#
77 0.0 24.4 36.6#



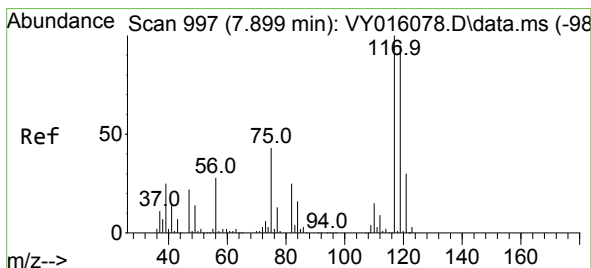
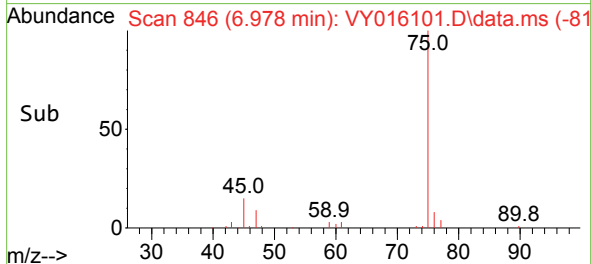
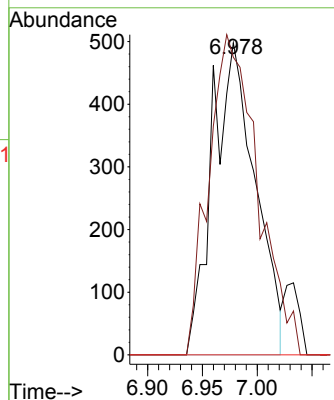


#37
Ethyl Acetate
Concen: 1.387 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.091 min
Lab File: VY016101.D
Acq: 27 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

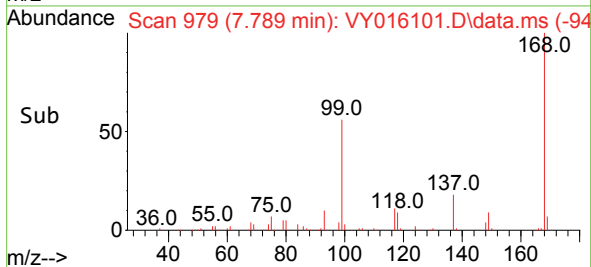
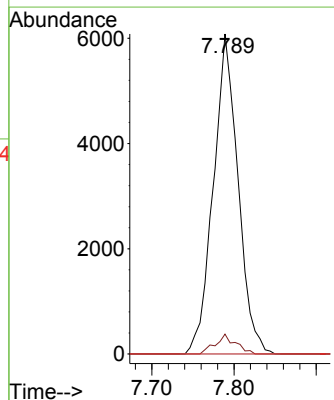
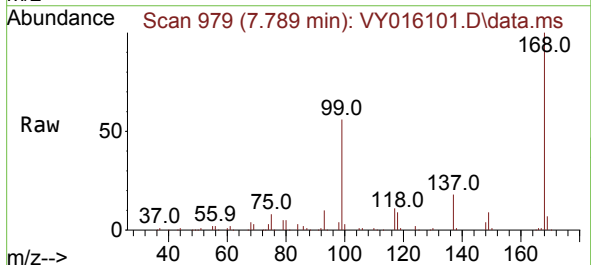


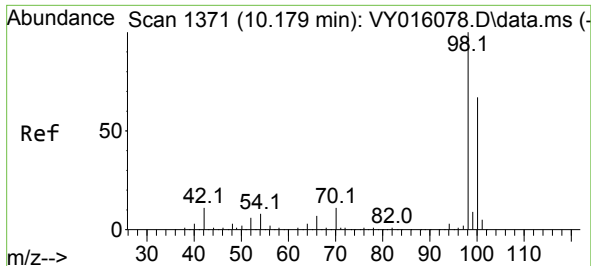
Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
61 116.2 10.1 15.1#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 6.261 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY016101.D
Acq: 27 Oct 2023 13:36

Tgt Ion: 117 Resp: 12710
Ion Ratio Lower Upper
117 100
119 6.2 76.4 114.6#
121 0.0 25.8 38.6#

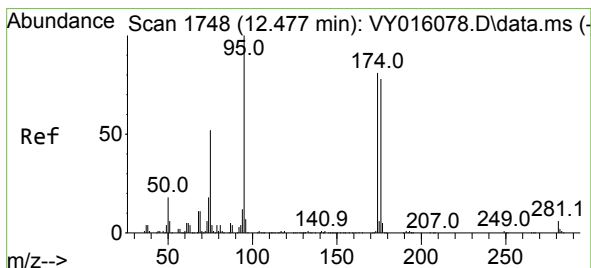
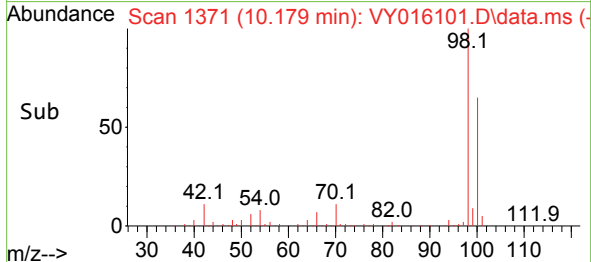
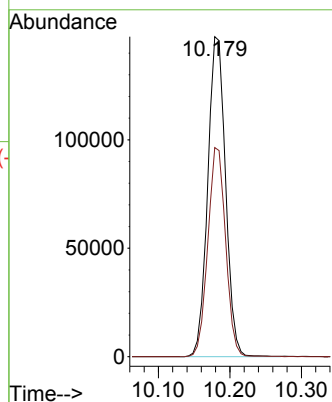
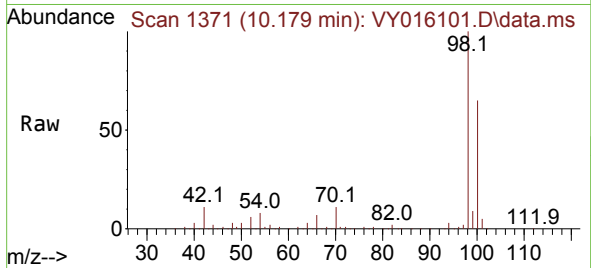




#50
Toluene-d8
Concen: 50.082 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016101.D
Acq: 27 Oct 2023 13:36

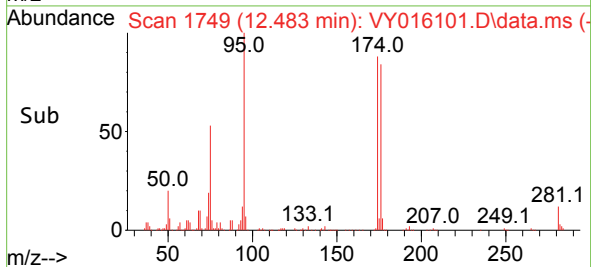
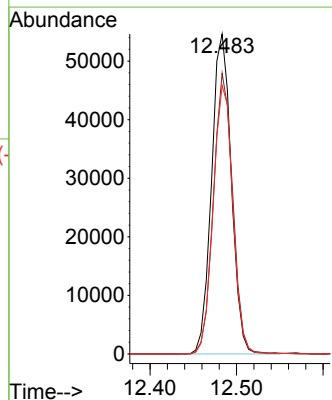
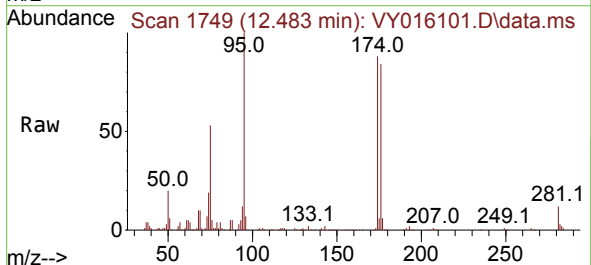
Instrument :
MSVOA_Y
ClientSampleId :

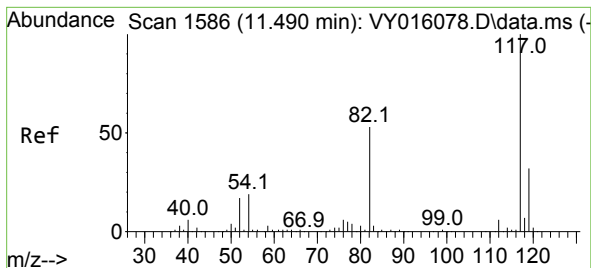
Tgt Ion: 98 Resp: 255483
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.360 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016101.D
Acq: 27 Oct 2023 13:36

Tgt Ion: 95 Resp: 86373
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.2
176 83.8 0.0 173.8

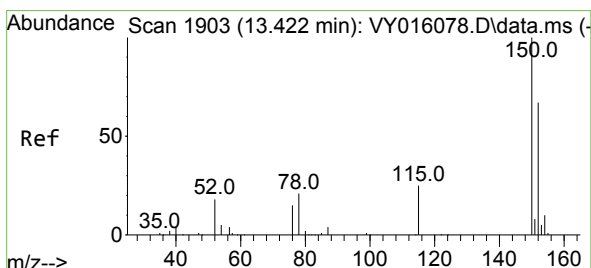
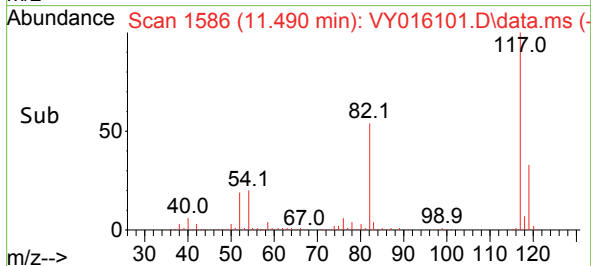
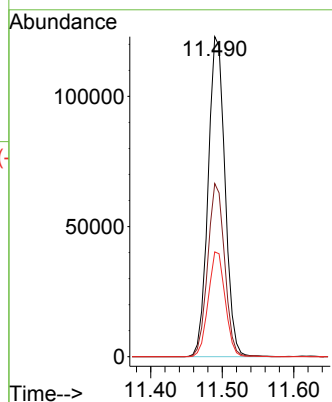
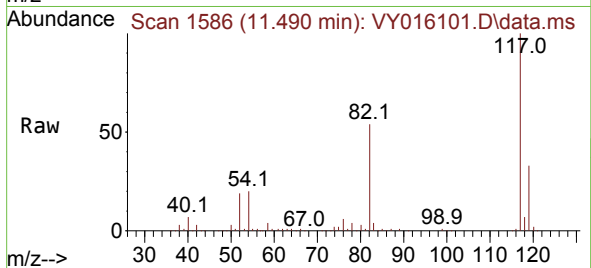




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016101.D
Acq: 27 Oct 2023 13:36

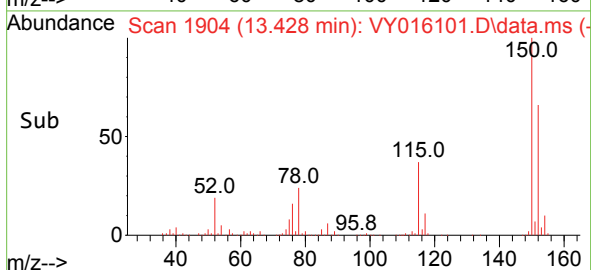
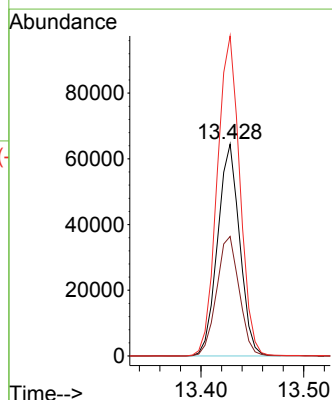
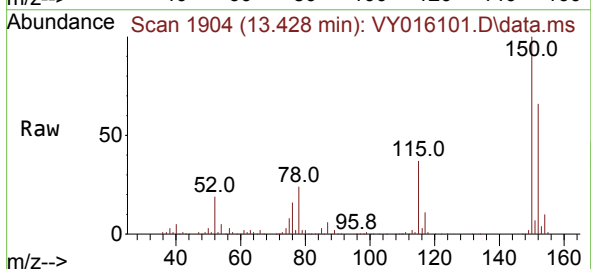
Instrument :
MSVOA_Y
ClientSampleId :

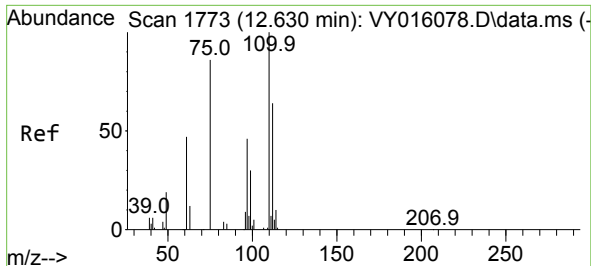
Tgt Ion:117 Resp: 201674
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 32.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016101.D
Acq: 27 Oct 2023 13:36

Tgt Ion:152 Resp: 95816
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 155.6 0.0 348.8

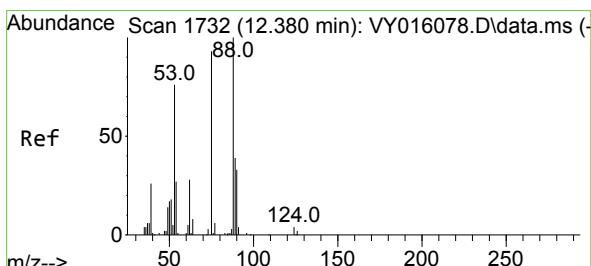
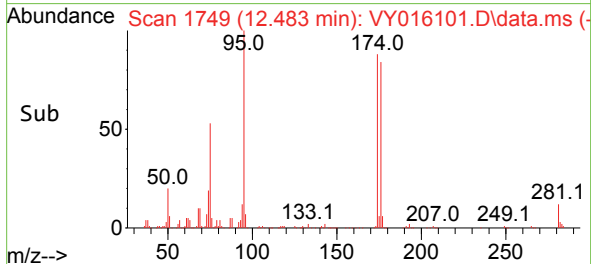
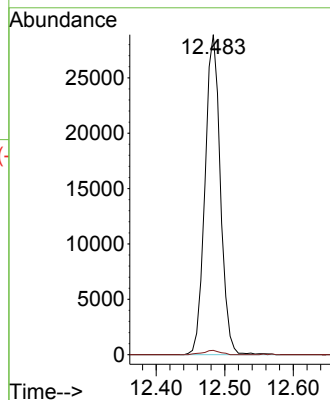
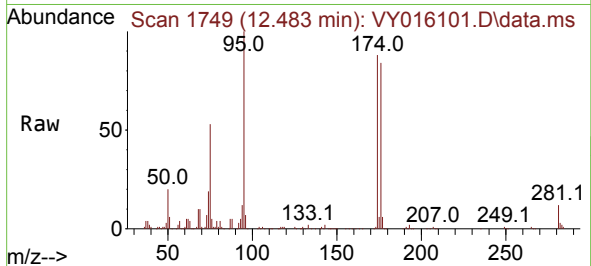




#76
1,2,3-Trichloropropane
Concen: 46.093 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY016101.D
Acq: 27 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 45090
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.165 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY016101.D
Acq: 27 Oct 2023 13:36

Tgt Ion: 75 Resp: 45090
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

