

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016085.D
 Acq On : 26 Oct 2023 18:18
 Operator : SY/MD
 Sample : 05051-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 04:20:43 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)

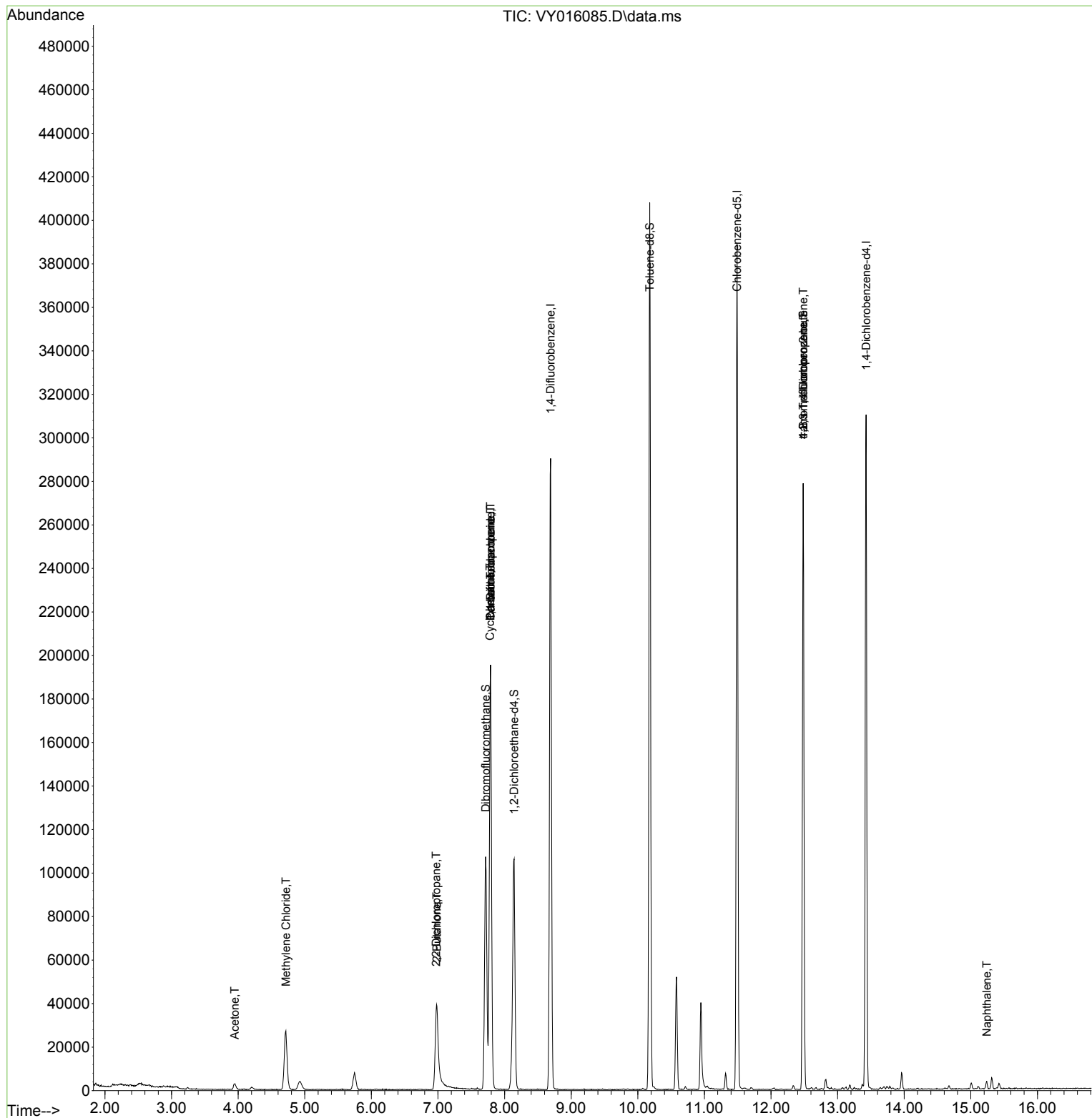
Internal Standards						
1) Pentafluorobenzene	7.789	168	152196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	255705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	214775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77392	51.139	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.280%			
35) Dibromofluoromethane	7.716	113	77300	47.886	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.780%			
50) Toluene-d8	10.179	98	270334	45.210	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 90.420%			
62) 4-Bromofluorobenzene	12.483	95	79132	38.580	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 77.160%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	4956	Below Cal	#	89
16) Acetone	3.948	43	4969	12.114	ug/l	92
20) Methylene Chloride	4.716	84	20276	7.769	ug/l #	84
25) 2-Butanone	6.984	43	2314	4.180	ug/l	94
26) 2,2-Dichloropropane	6.972	77	3536	1.420	ug/l #	54
31) Cyclohexane	7.783	56	3010	1.264	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11690	5.195	ug/l #	50
38) Carbon Tetrachloride	7.789	117	14740	6.195	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	40704	48.996	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40704	106.475	ug/l #	11
95) Naphthalene	15.239	128	3085	1.070	ug/l	97

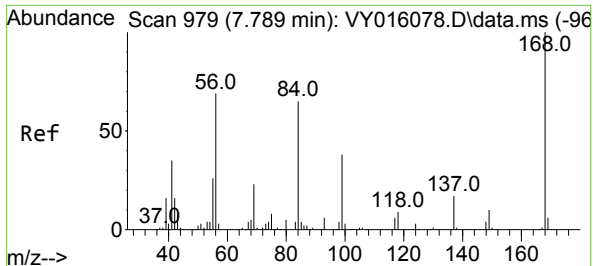
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
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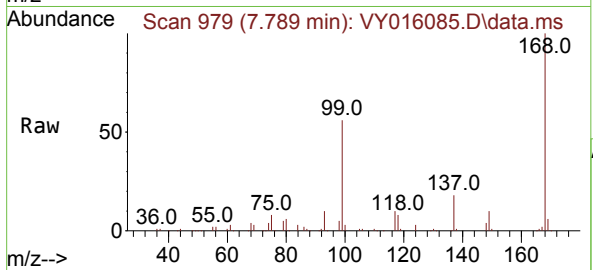
Quant Time: Oct 27 04:20:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
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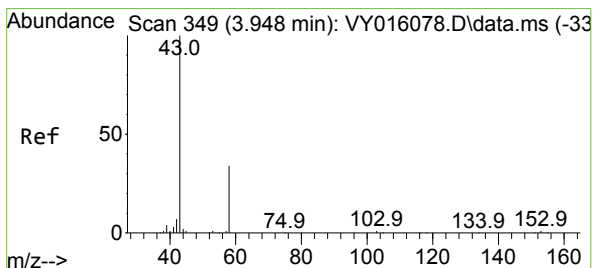
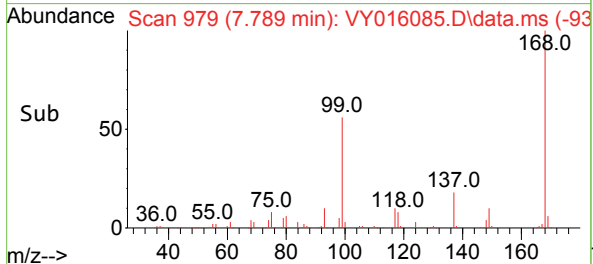
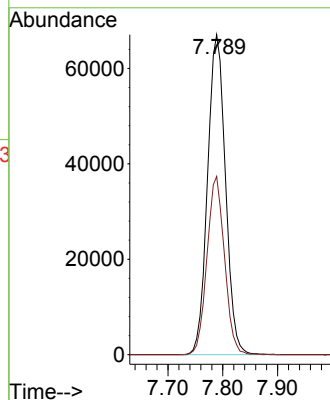


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

Instrument :
MSVOA_Y
ClientSampleId :

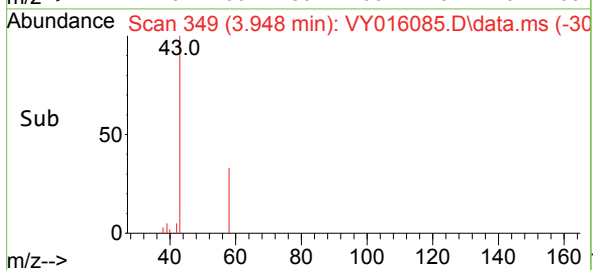
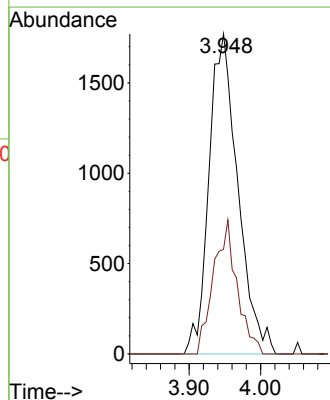
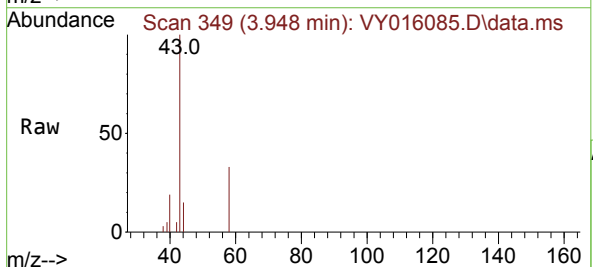


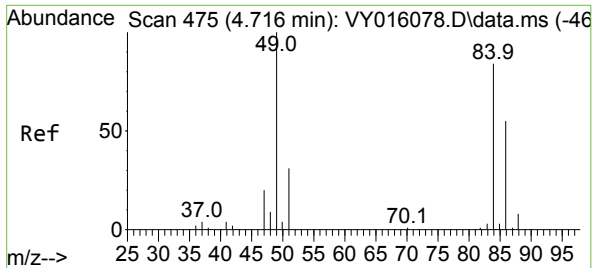
Tgt Ion:168 Resp: 152196
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#16
Acetone
Concen: 12.114 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

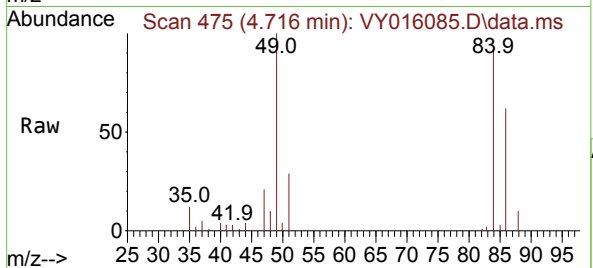
Tgt Ion: 43 Resp: 4969
Ion Ratio Lower Upper
43 100
58 32.7 22.7 34.1





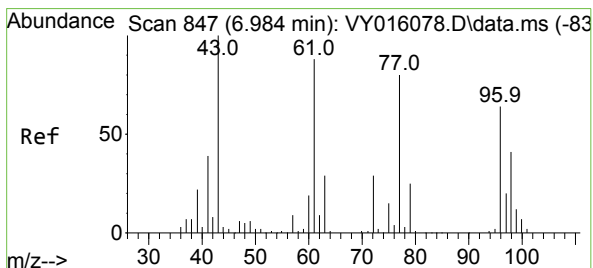
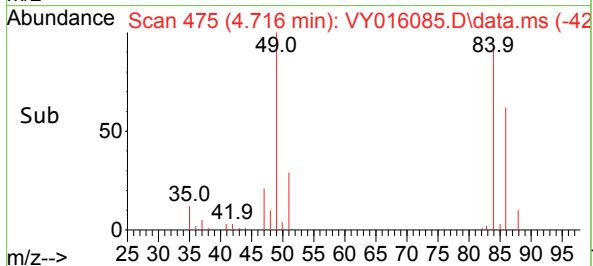
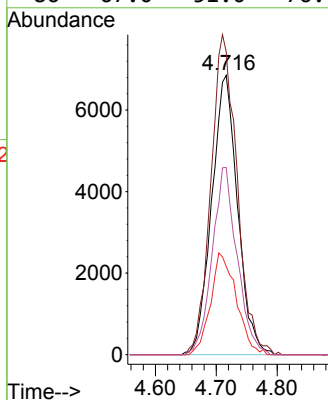
#20
Methylene Chloride
Concen: 7.769 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 20276

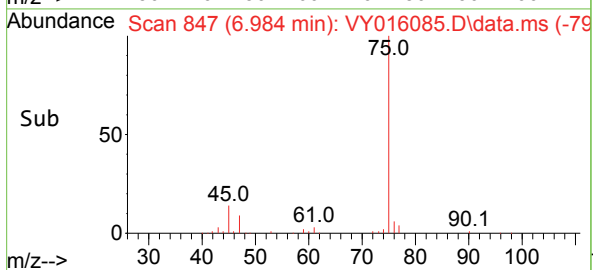
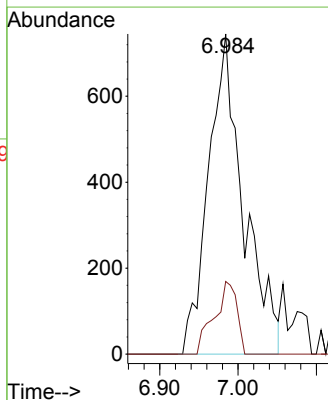
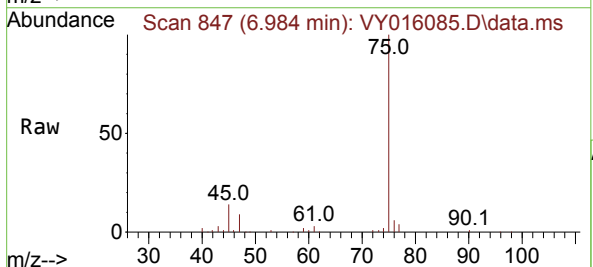
Ion	Ratio	Lower	Upper
84	100		
49	108.4	106.9	160.3
51	31.6	33.2	49.8#
86	67.0	51.0	76.6

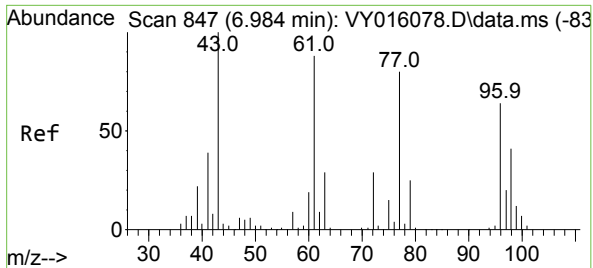


#25
2-Butanone
Concen: 4.180 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

Tgt Ion: 43 Resp: 2314

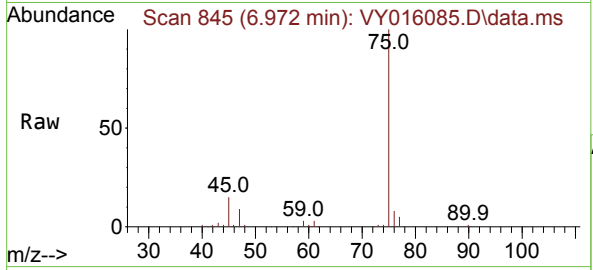
Ion	Ratio	Lower	Upper
43	100		
72	22.7	20.5	30.7



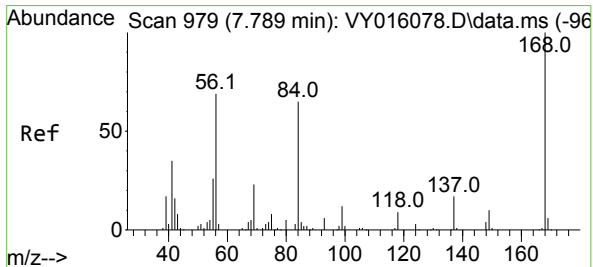
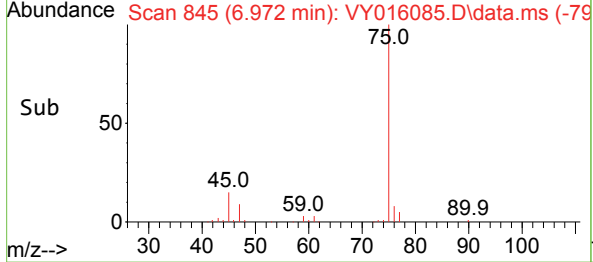
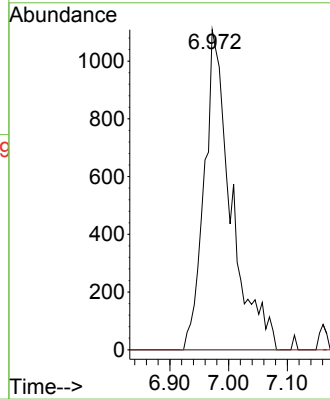


#26
2,2-Dichloropropane
Concen: 1.420 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

Instrument :
MSVOA_Y
ClientSampleId :

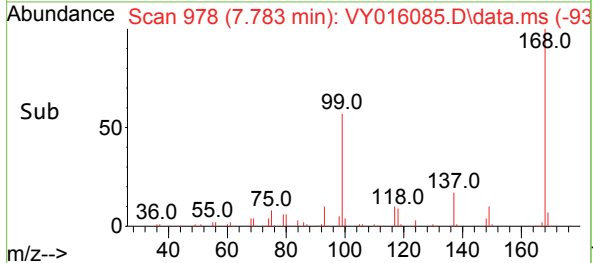
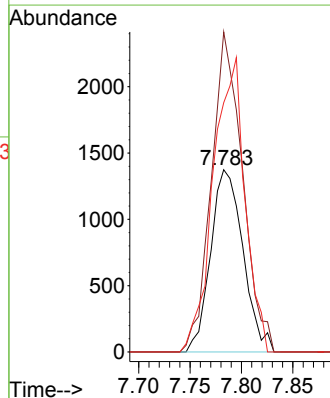
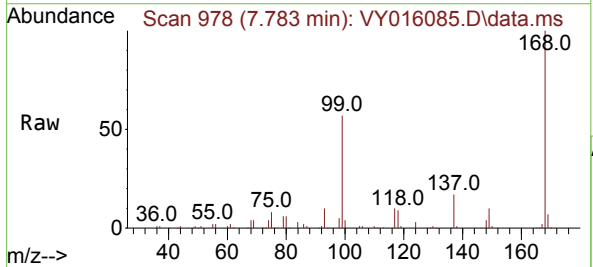


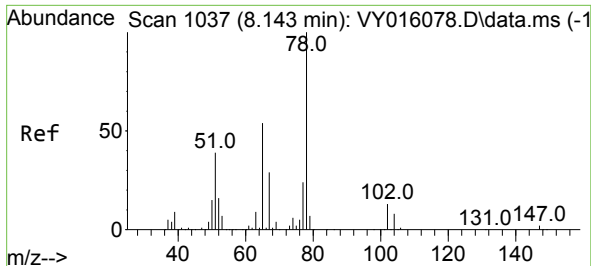
Tgt Ion: 77 Resp: 3536
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.264 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

Tgt Ion: 56 Resp: 3010
Ion Ratio Lower Upper
56 100
69 175.5 27.8 41.6#
84 136.7 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 51.139 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY016085.D

Acq: 26 Oct 2023 18:18

Instrument :

MSVOA_Y

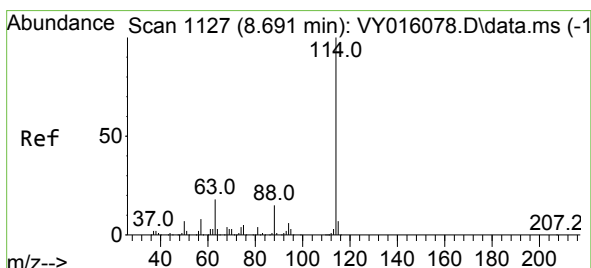
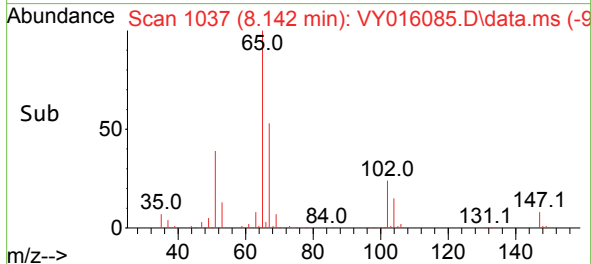
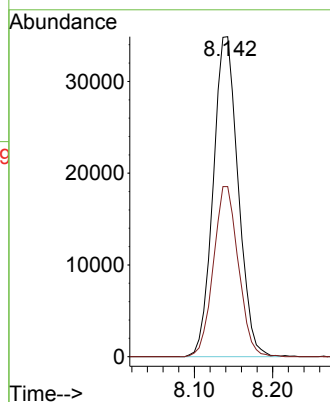
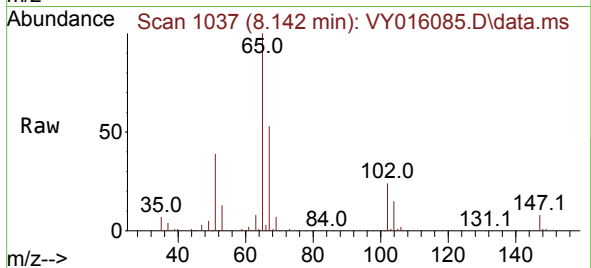
ClientSampleId :

Tgt Ion: 65 Resp: 77392

Ion Ratio Lower Upper

65 100

67 53.2 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: VY016085.D

Acq: 26 Oct 2023 18:18

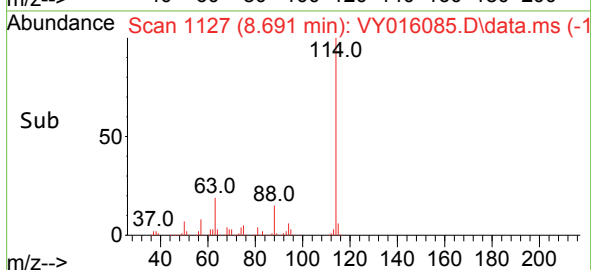
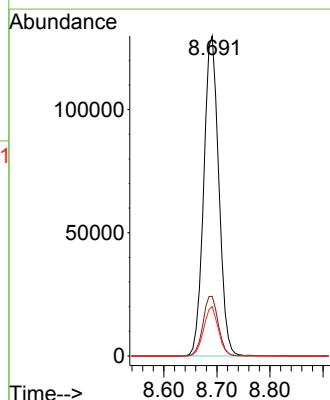
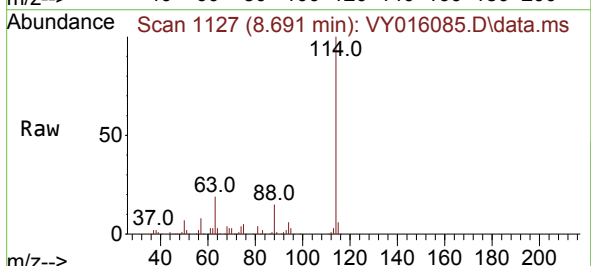
Tgt Ion: 114 Resp: 255705

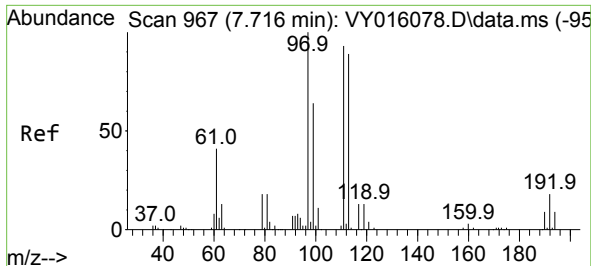
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

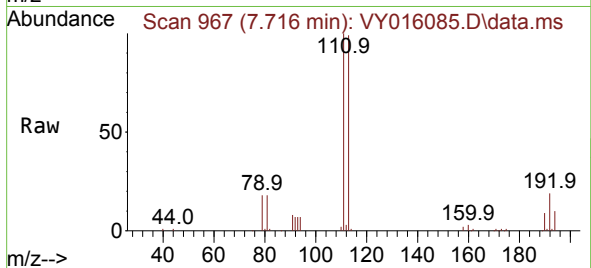
88 15.5 0.0 30.6



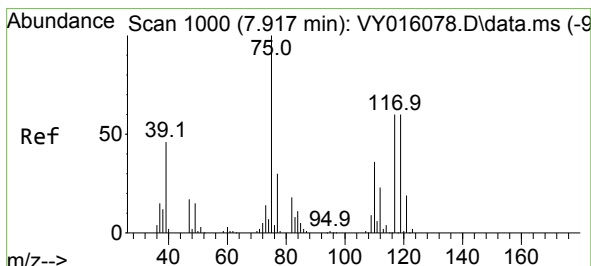
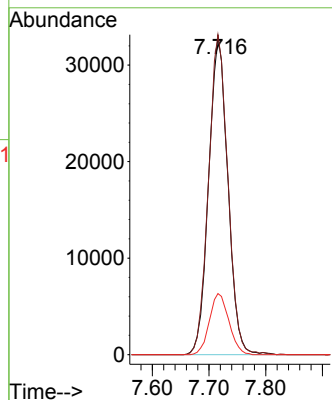
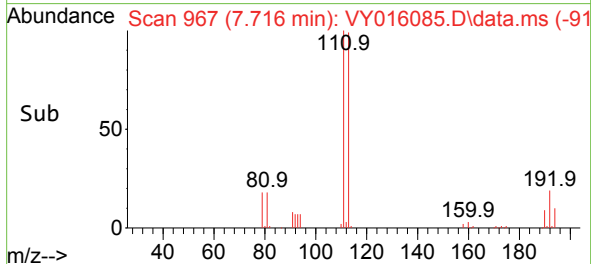


#35
Dibromofluoromethane
Concen: 47.886 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

Instrument :
MSVOA_Y
ClientSampleId :

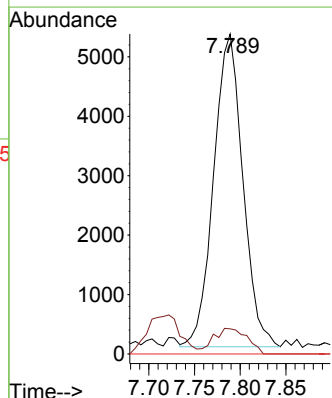
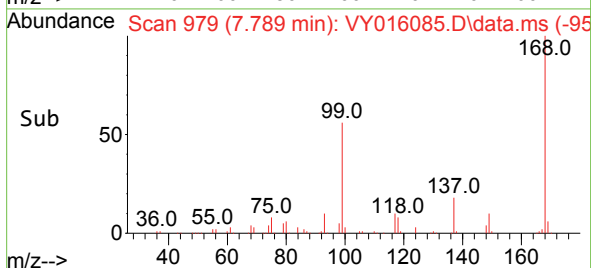
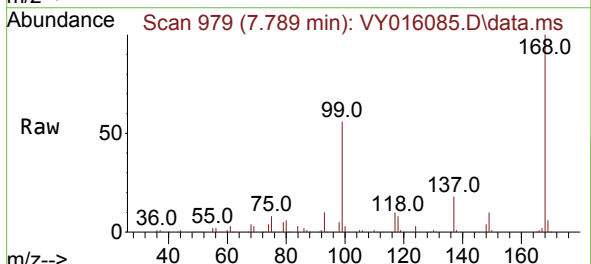


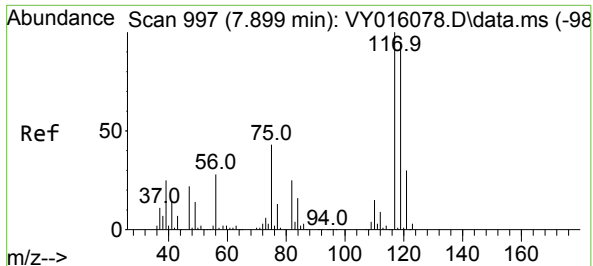
Tgt Ion:113 Resp: 77300
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.195 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

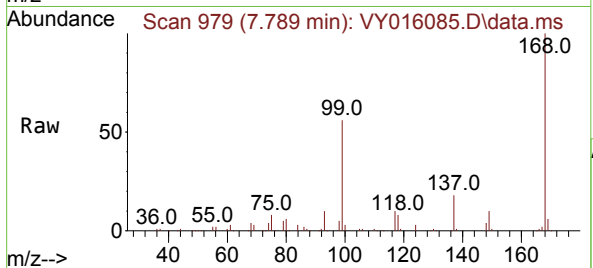
Tgt Ion: 75 Resp: 11690
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#



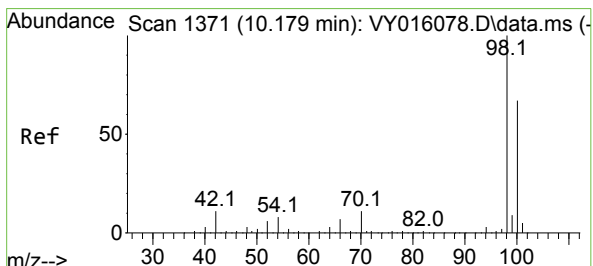
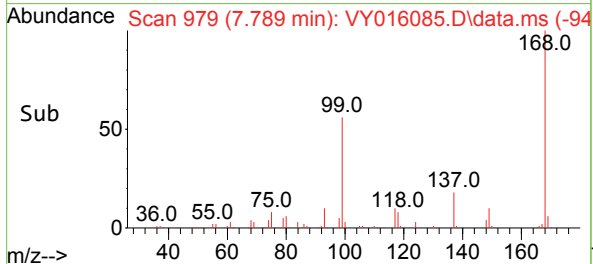
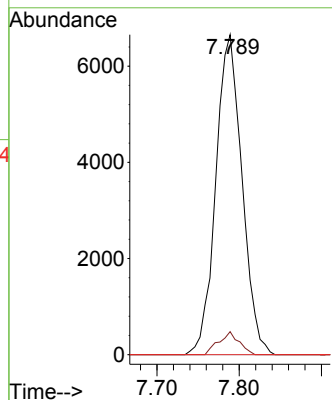


#38
Carbon Tetrachloride
Concen: 6.195 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

Instrument :
MSVOA_Y
ClientSampleId :

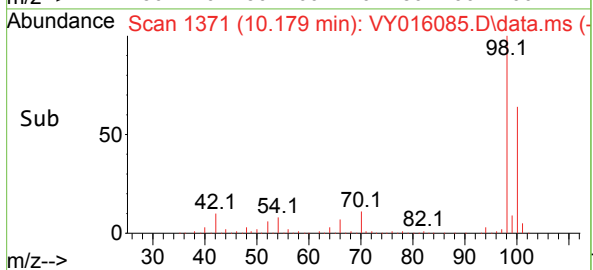
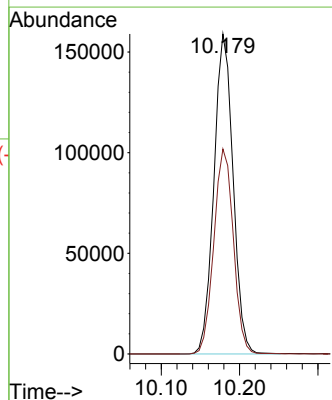
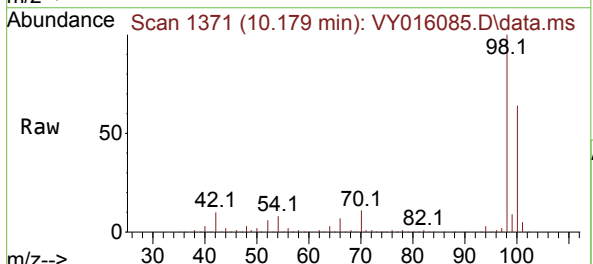


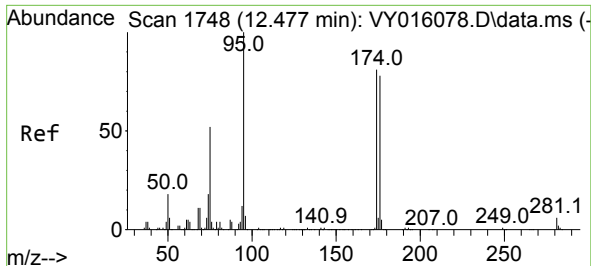
Tgt Ion:117 Resp: 14740
Ion Ratio Lower Upper
117 100
119 7.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 45.210 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

Tgt Ion: 98 Resp: 270334
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

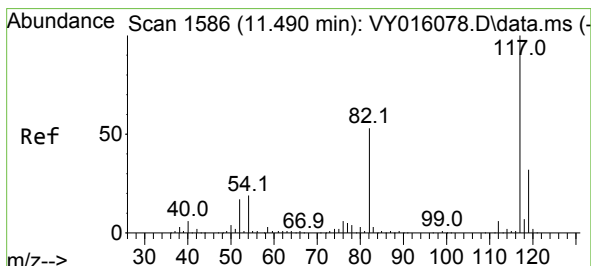
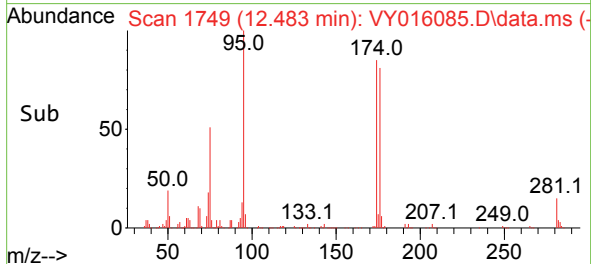
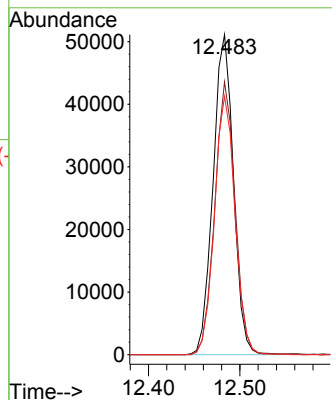
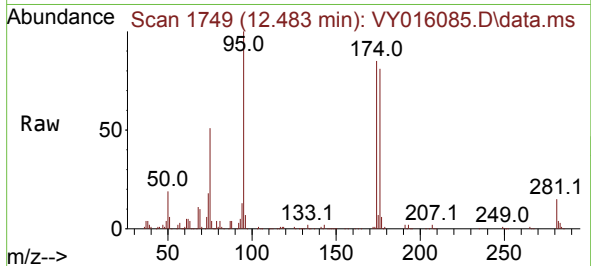




#62
4-Bromofluorobenzene
Concen: 38.580 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

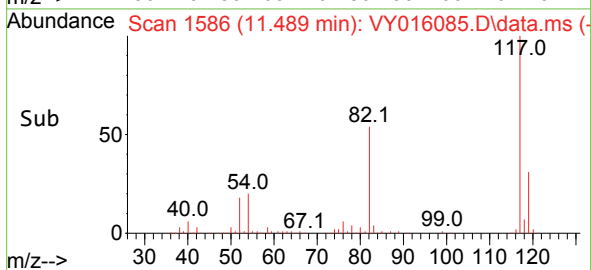
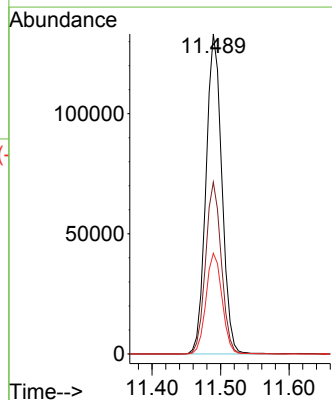
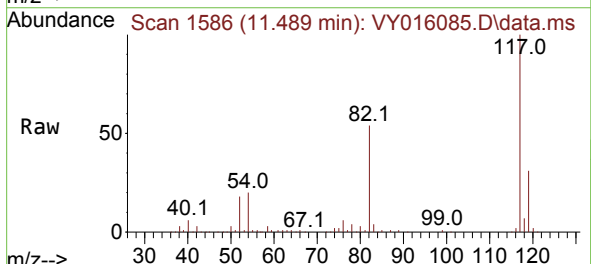
Instrument :
MSVOA_Y
ClientSampleId :

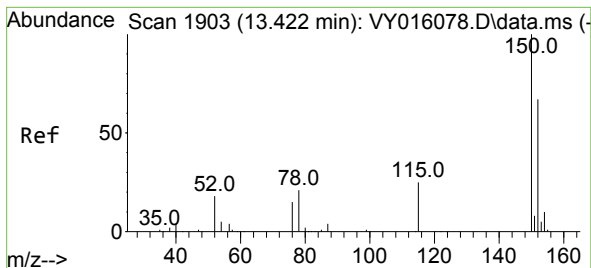
Tgt Ion: 95 Resp: 79132
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 81.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

Tgt Ion: 117 Resp: 214775
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 31.4 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY016085.D

Acq: 26 Oct 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

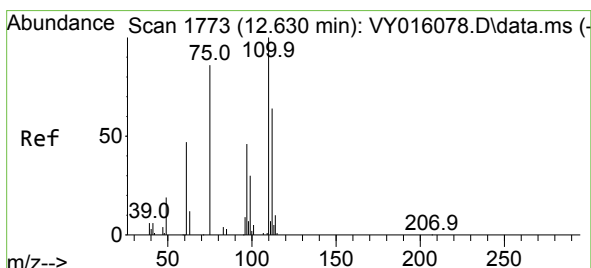
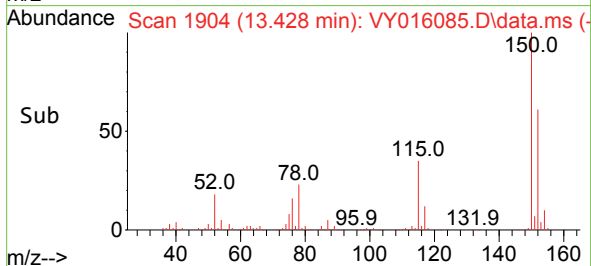
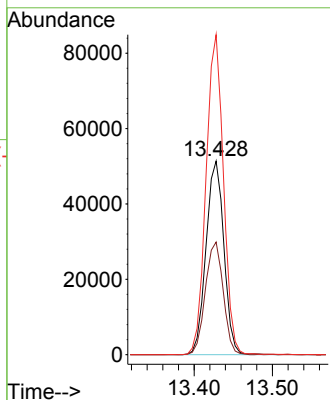
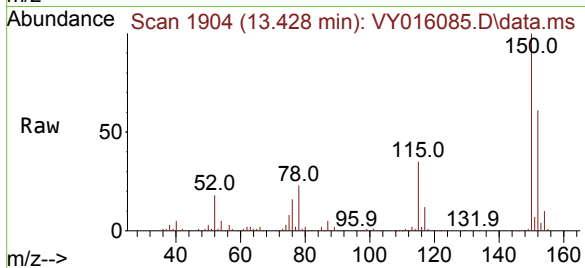
Tgt Ion:152 Resp: 81370

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 160.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 48.996 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY016085.D

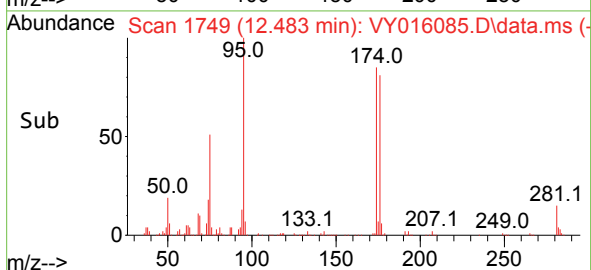
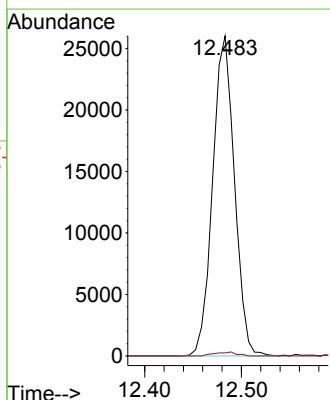
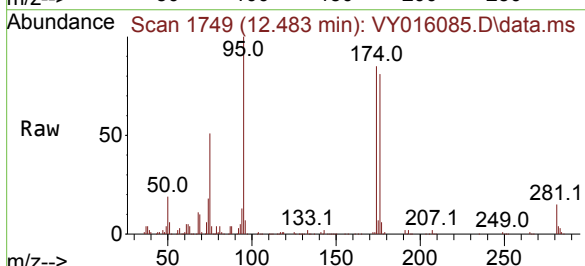
Acq: 26 Oct 2023 18:18

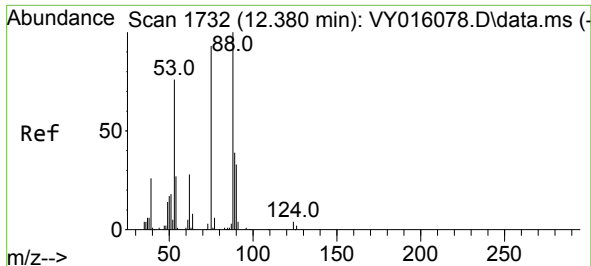
Tgt Ion: 75 Resp: 40704

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

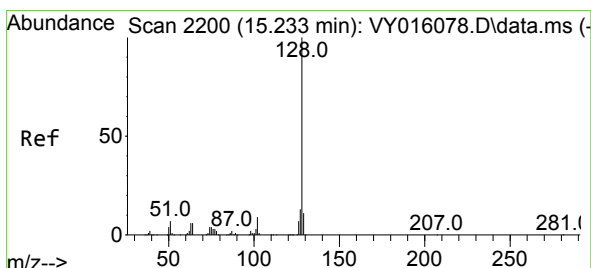
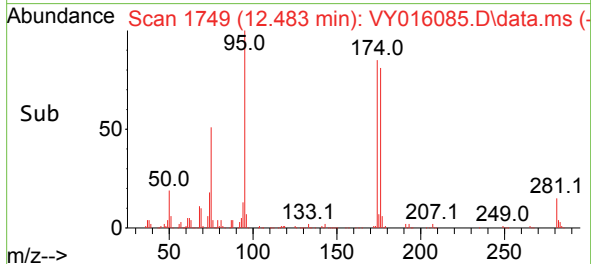
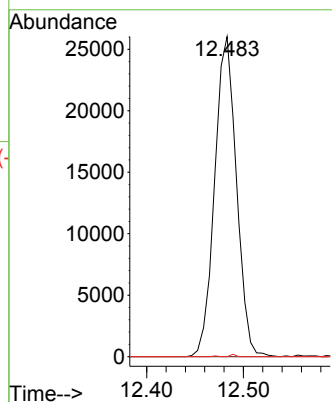
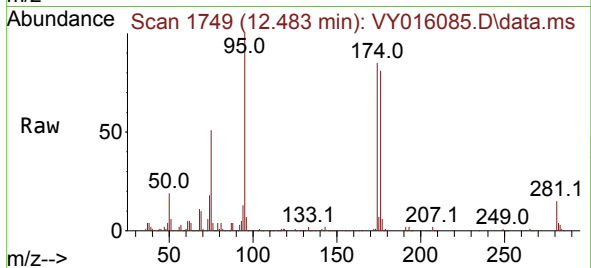




#81
trans-1,4-Dichloro-2-butene
Concen: 106.475 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 40704
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#



#95
Naphthalene
Concen: 1.070 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

Tgt Ion:128 Resp: 3085
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 12.7 8.6 13.0

