

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016127.D
 Acq On : 30 Oct 2023 12:39
 Operator : SY/MD
 Sample : 05073-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 31 01:28:46 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)

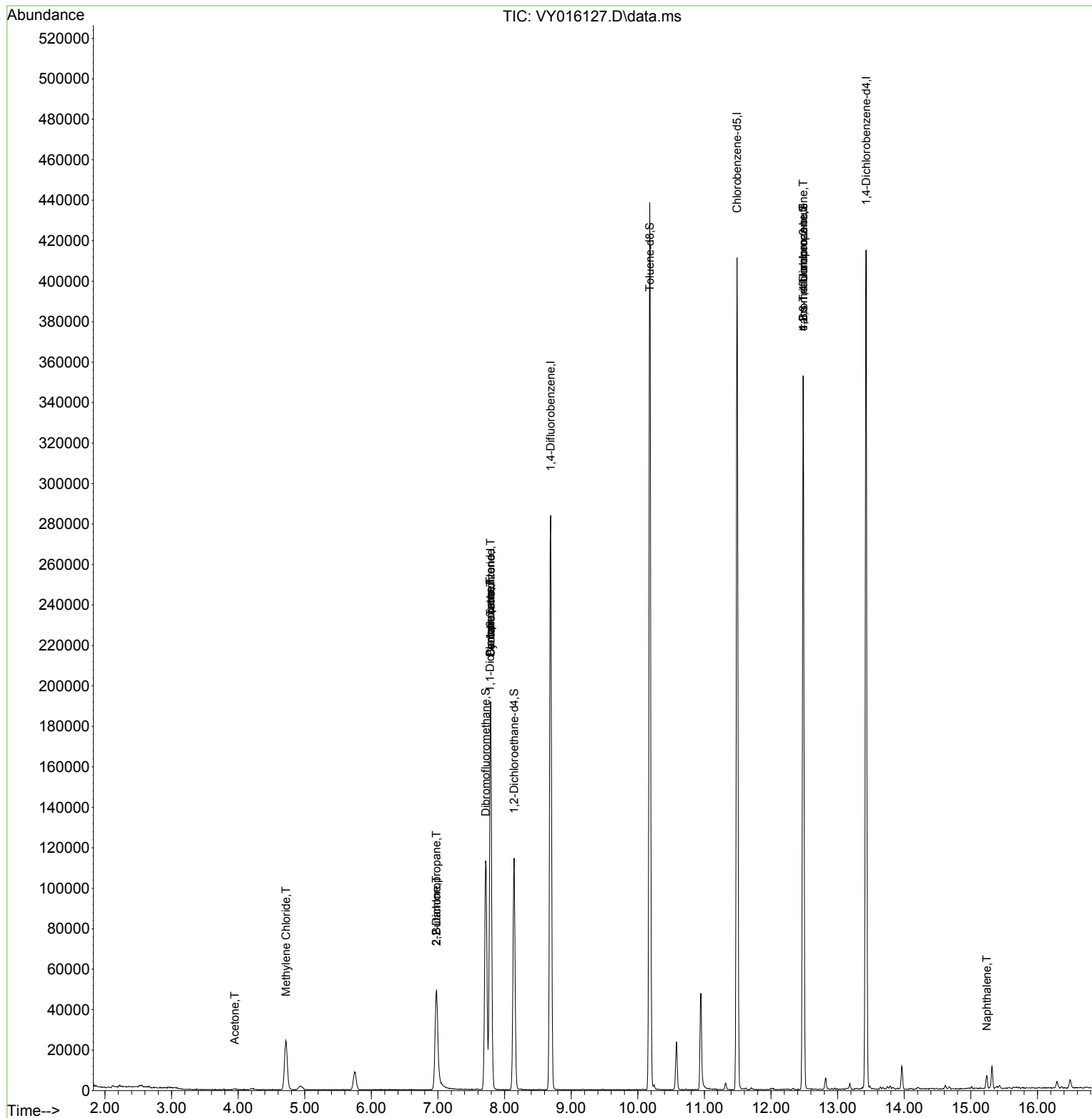
Internal Standards						
1) Pentafluorobenzene	7.789	168	151081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	252525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	228433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	87391	58.172	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.340%	
35) Dibromofluoromethane	7.716	113	81746	51.278	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.560%	
50) Toluene-d8	10.179	98	292940	49.608	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	12.483	95	100879	49.802	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	1398	Below Cal	#	98
16) Acetone	3.948	43	436	1.071	ug/l #	43
20) Methylene Chloride	4.716	84	18871	6.871	ug/l	89
25) 2-Butanone	6.978	43	2539	4.620	ug/l #	73
26) 2,2-Dichloropropane	6.978	77	3659	1.480	ug/l #	54
31) Cyclohexane	7.789	56	2941	1.244	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11372	5.118	ug/l #	49
38) Carbon Tetrachloride	7.789	117	14661	6.239	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	52775	46.696	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52775	101.476	ug/l #	11
95) Naphthalene	15.239	128	5949	1.517	ug/l	97

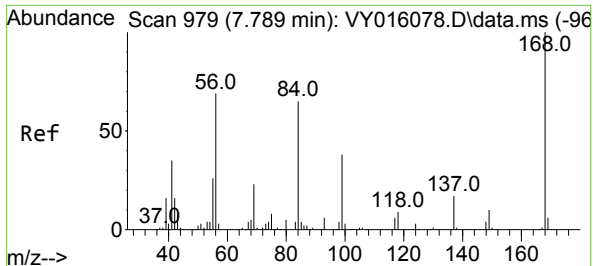
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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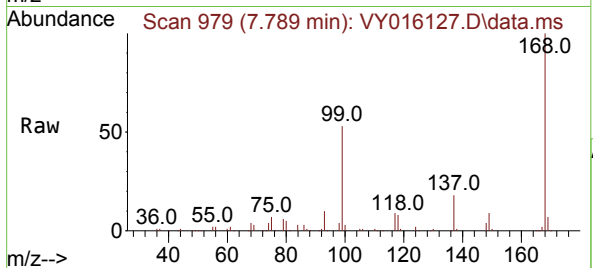
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration



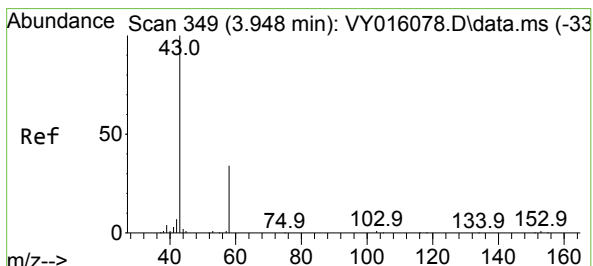
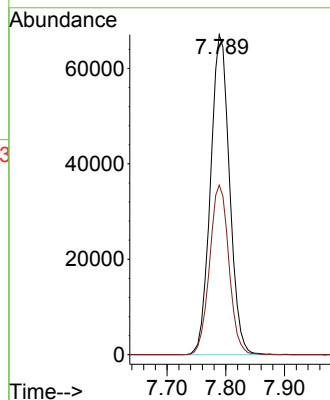
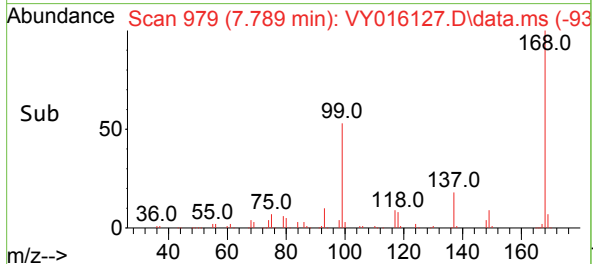


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016127.D
Acq: 30 Oct 2023 12:39

Instrument :
MSVOA_Y
ClientSampleId :

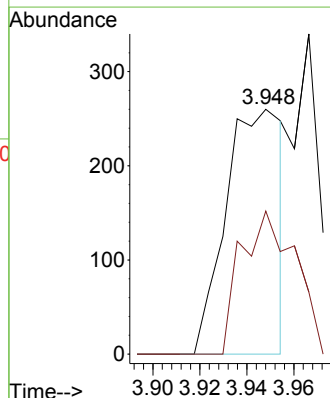
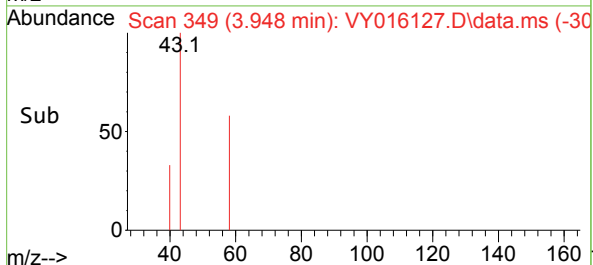
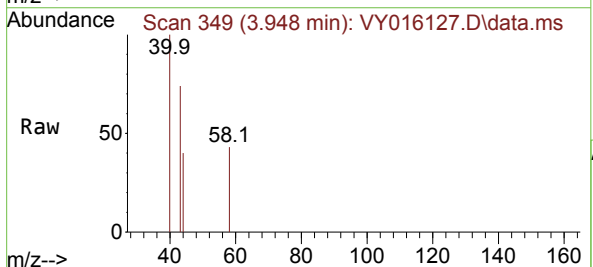


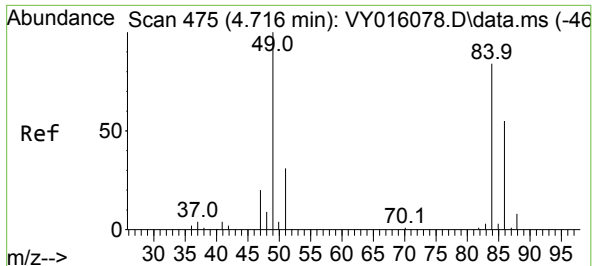
Tgt Ion:168 Resp: 151081
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#16
Acetone
Concen: 1.071 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY016127.D
Acq: 30 Oct 2023 12:39

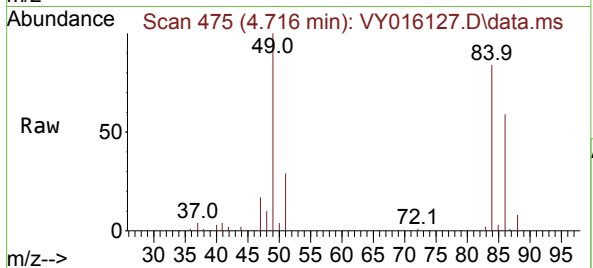
Tgt Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
58 58.5 22.7 34.1#





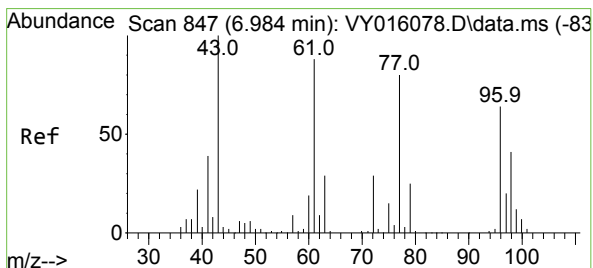
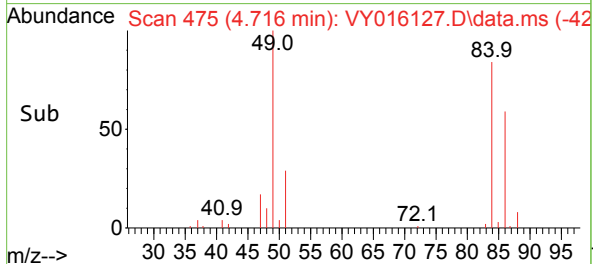
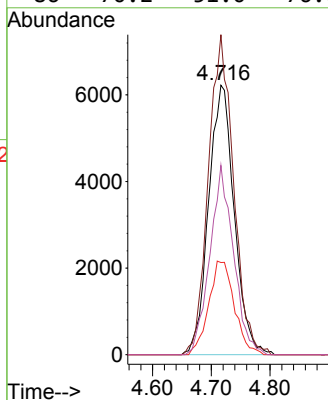
#20
Methylene Chloride
Concen: 6.871 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY016127.D
Acq: 30 Oct 2023 12:39

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 18871

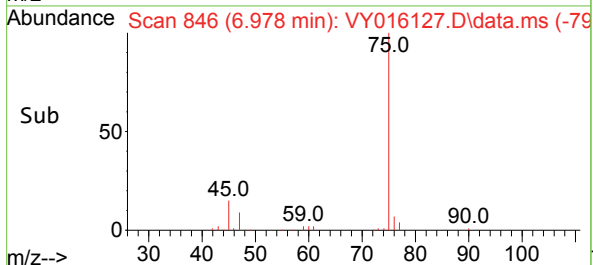
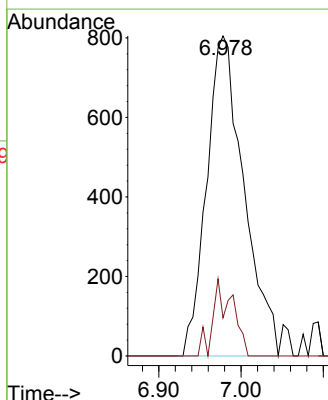
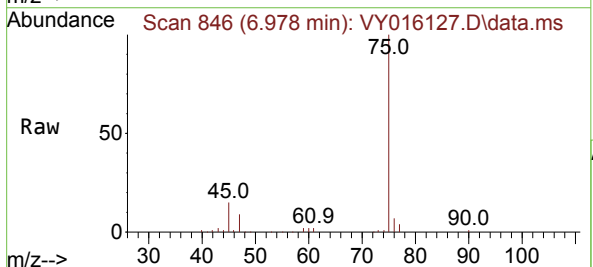
Ion	Ratio	Lower	Upper
84	100		
49	118.8	106.9	160.3
51	34.2	33.2	49.8
86	70.2	51.0	76.6

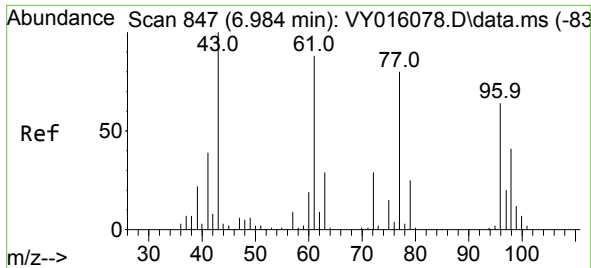


#25
2-Butanone
Concen: 4.620 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY016127.D
Acq: 30 Oct 2023 12:39

Tgt Ion: 43 Resp: 2539

Ion	Ratio	Lower	Upper
43	100		
72	11.9	20.5	30.7#

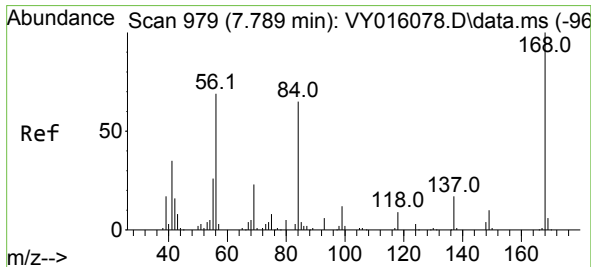
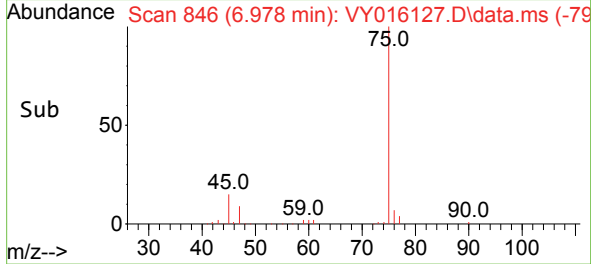
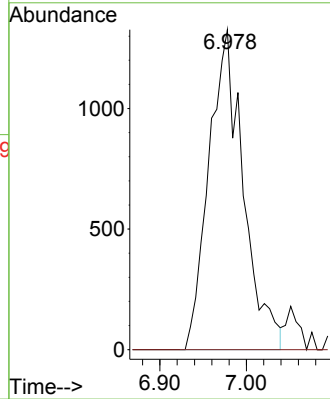
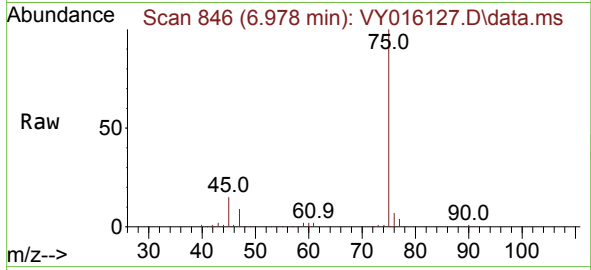




#26
2,2-Dichloropropane
Concen: 1.480 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY016127.D
Acq: 30 Oct 2023 12:39

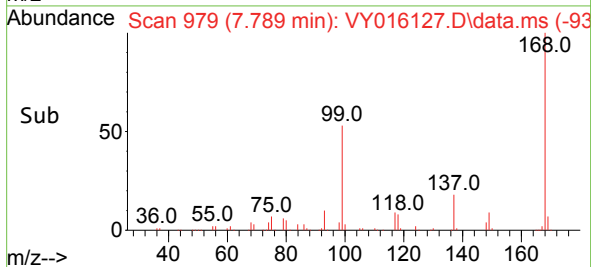
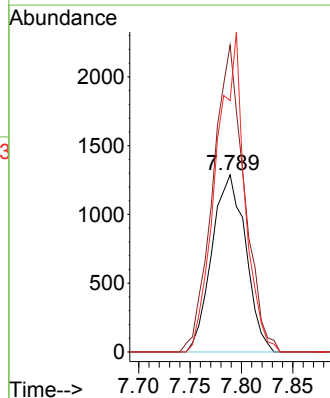
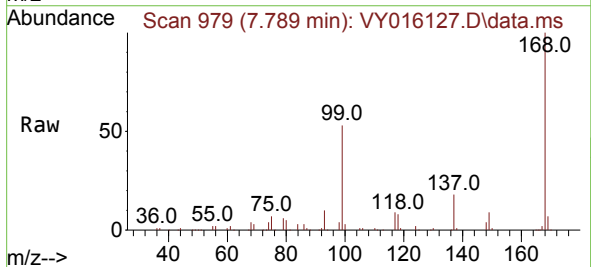
Instrument :
MSVOA_Y
ClientSampleId :

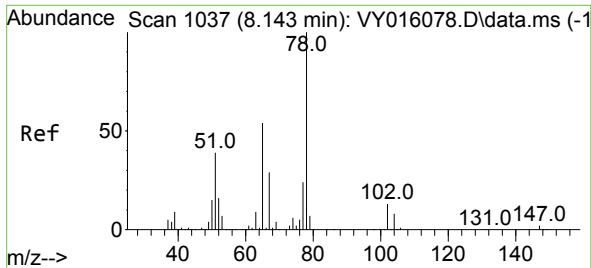
Tgt Ion: 77 Resp: 3659
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY016127.D
Acq: 30 Oct 2023 12:39

Tgt Ion: 56 Resp: 2941
Ion Ratio Lower Upper
56 100
69 173.3 27.8 41.6#
84 141.9 66.4 99.6#

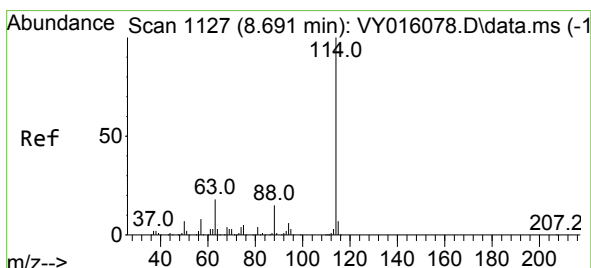
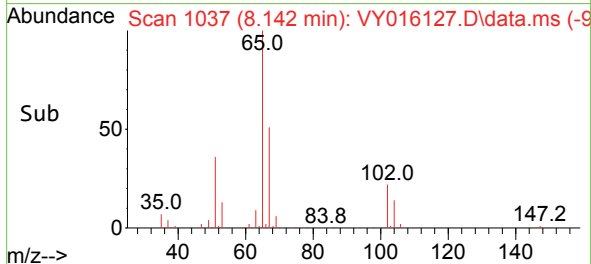
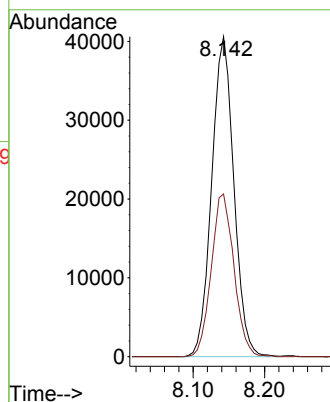
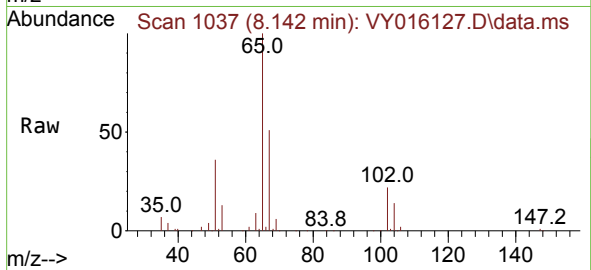




#33
 1,2-Dichloroethane-d4
 Concen: 58.172 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY016127.D
 Acq: 30 Oct 2023 12:39

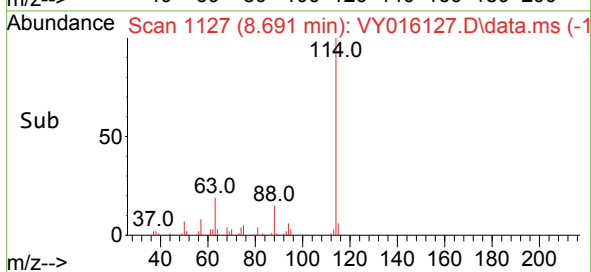
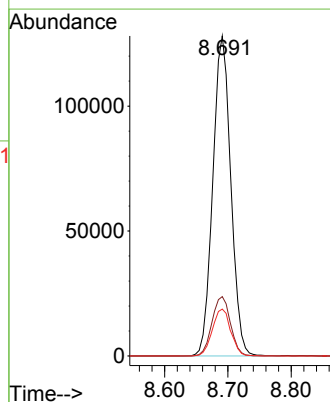
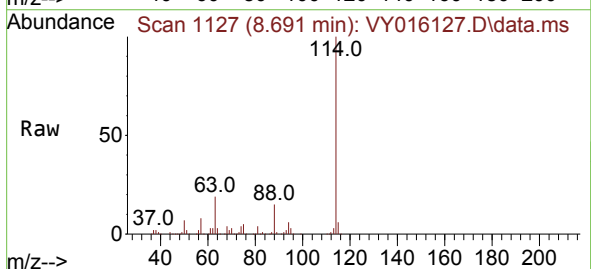
Instrument :
 MSVOA_Y
 ClientSampleId :

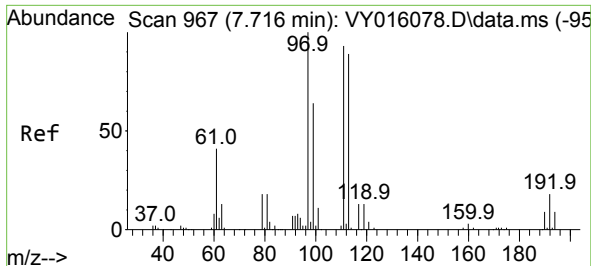
Tgt Ion: 65 Resp: 87391
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016127.D
 Acq: 30 Oct 2023 12:39

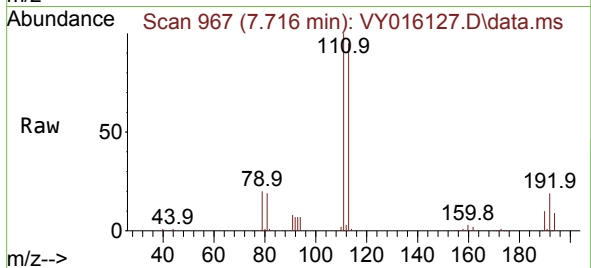
Tgt Ion:114 Resp: 252525
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 42.4
 88 14.7 0.0 30.6



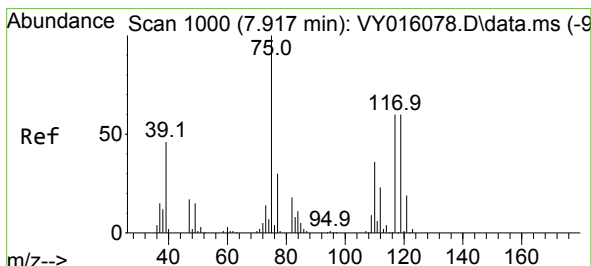
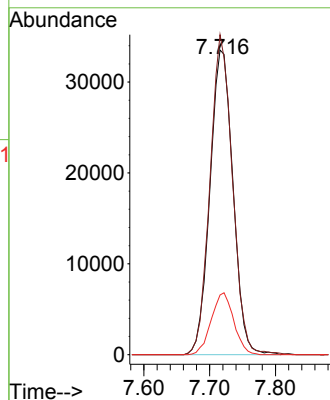
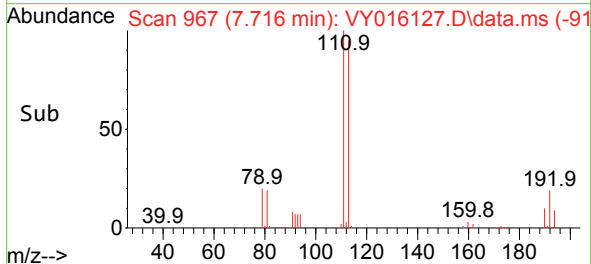


#35
Dibromofluoromethane
Concen: 51.278 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016127.D
Acq: 30 Oct 2023 12:39

Instrument :
MSVOA_Y
ClientSampleId :

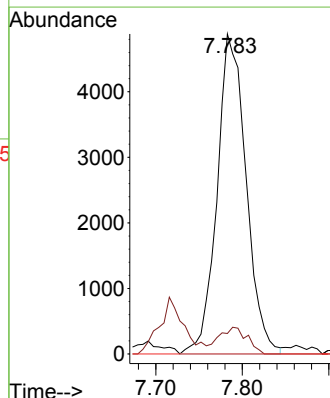
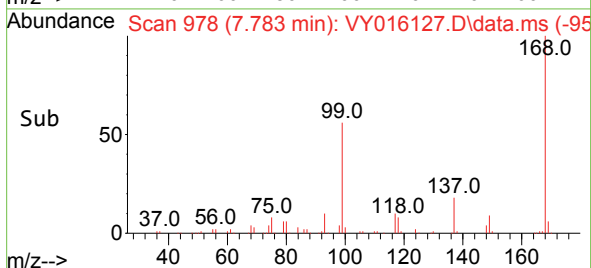
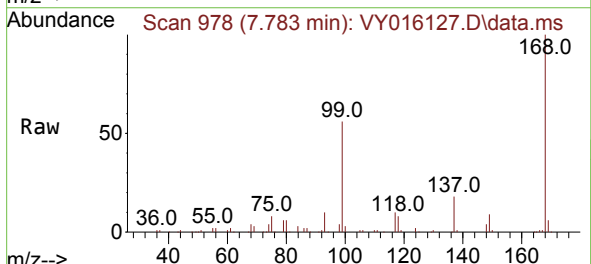


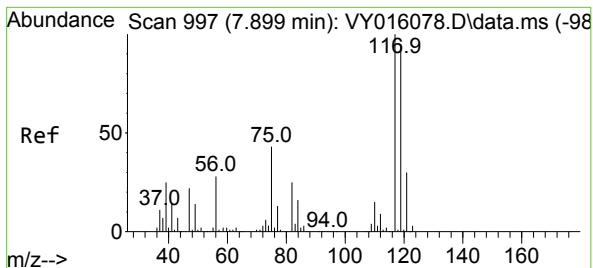
Tgt Ion:113 Resp: 81746
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.118 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY016127.D
Acq: 30 Oct 2023 12:39

Tgt Ion: 75 Resp: 11372
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 6.239 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.110 min

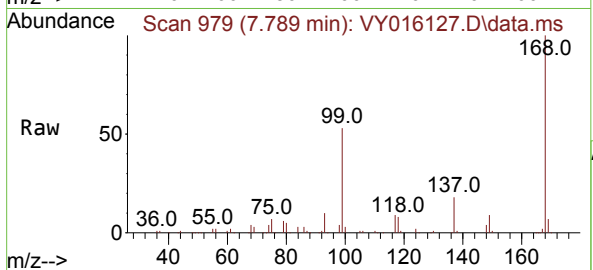
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Acq: 30 Oct 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :



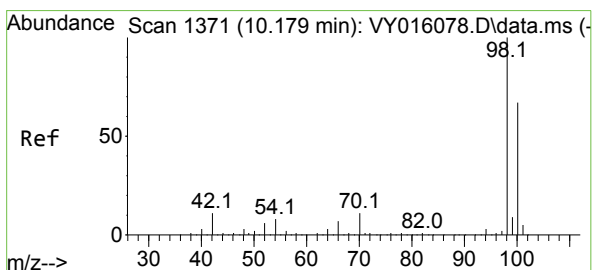
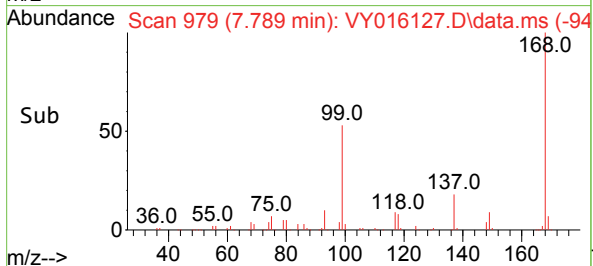
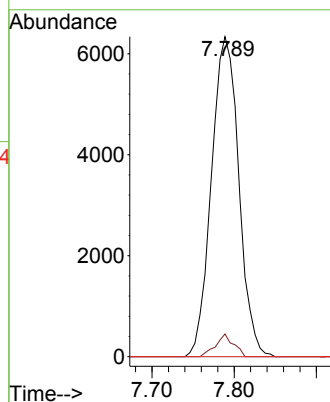
Tgt Ion:117 Resp: 14661

Ion Ratio Lower Upper

117 100

119 7.1 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 49.608 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY016127.D

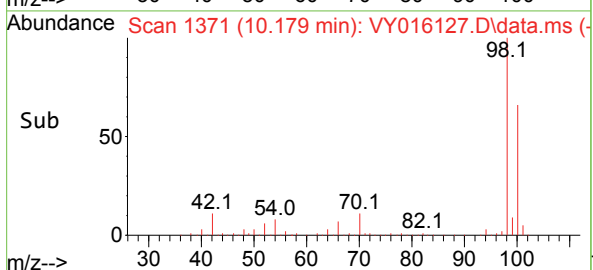
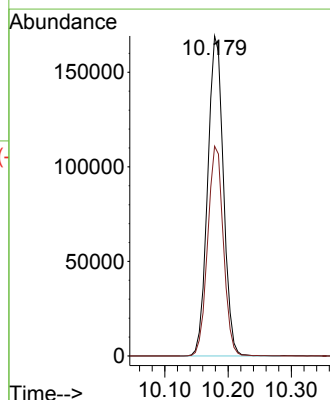
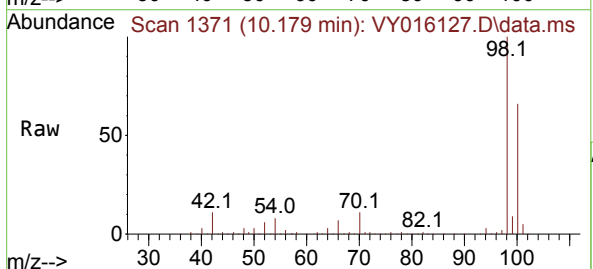
Acq: 30 Oct 2023 12:39

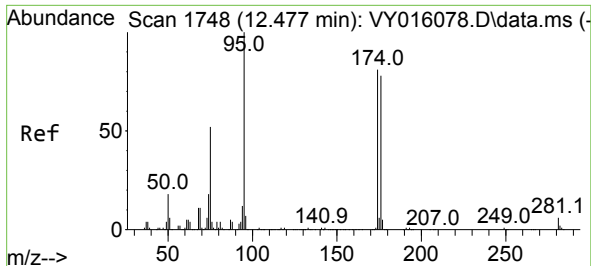
Tgt Ion: 98 Resp: 292940

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1

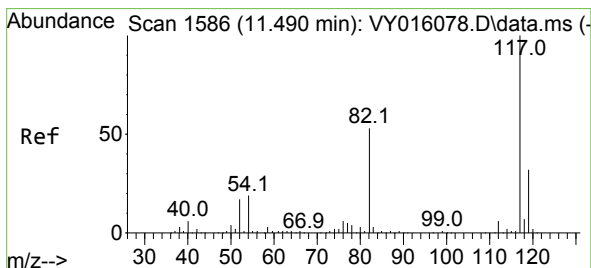
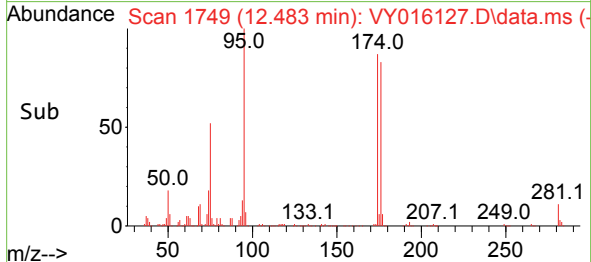
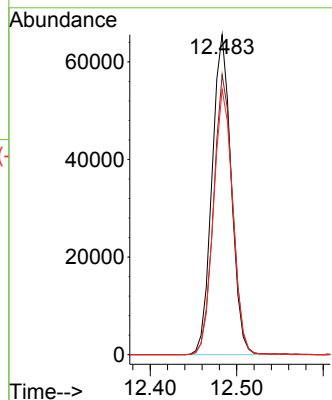
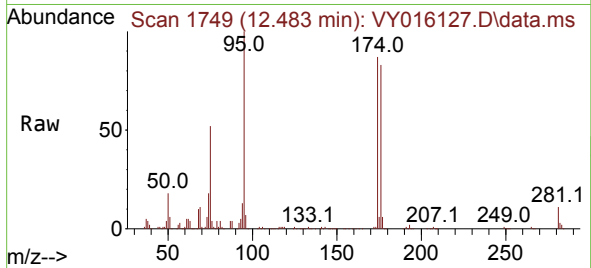




#62
4-Bromofluorobenzene
Concen: 49.802 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016127.D
Acq: 30 Oct 2023 12:39

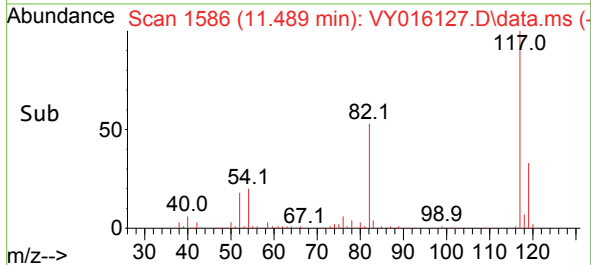
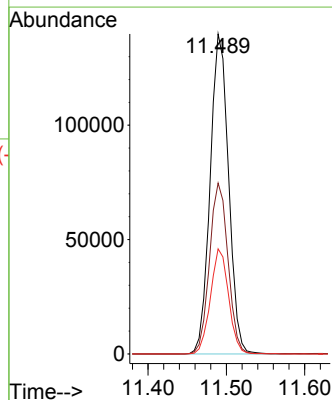
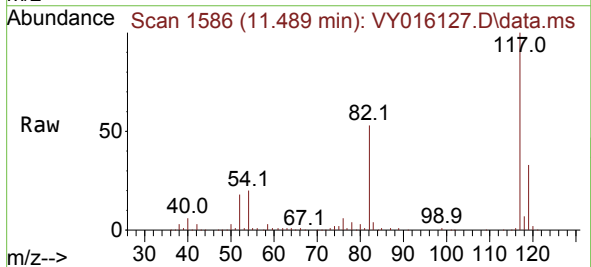
Instrument :
MSVOA_Y
ClientSampleId :

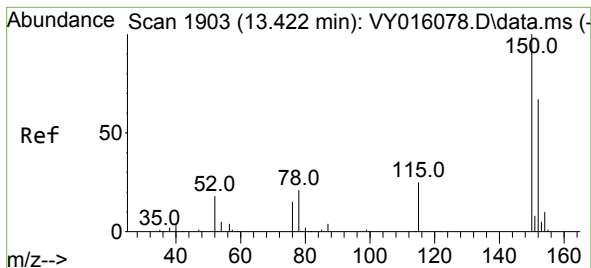
Tgt Ion: 95 Resp: 100879
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.2
176 83.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY016127.D
Acq: 30 Oct 2023 12:39

Tgt Ion: 117 Resp: 228433
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.9 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: VY016127.D

Acq: 30 Oct 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

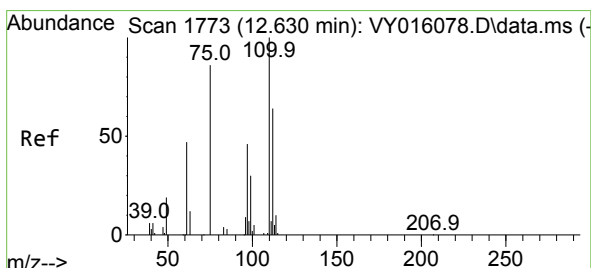
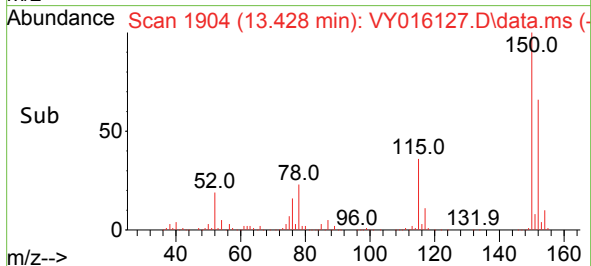
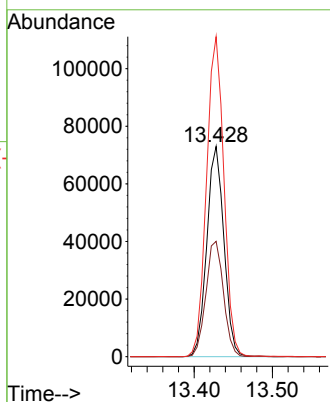
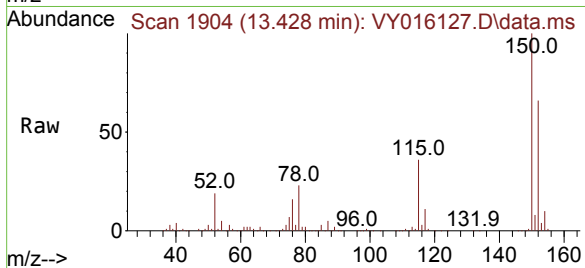
Tgt Ion:152 Resp: 110698

Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 154.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 46.696 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY016127.D

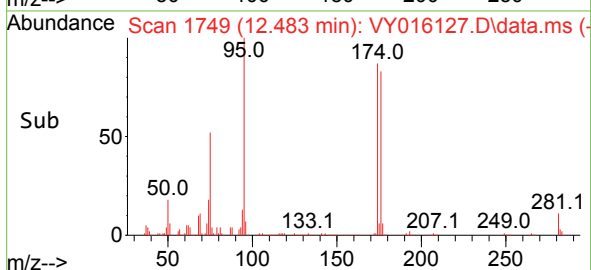
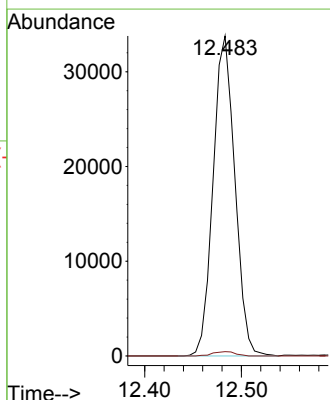
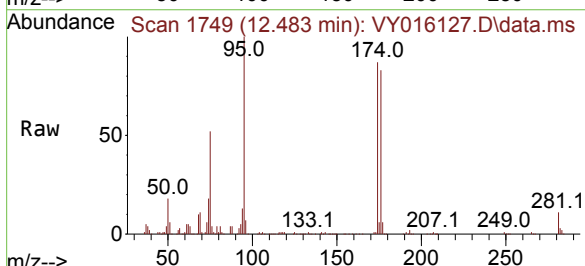
Acq: 30 Oct 2023 12:39

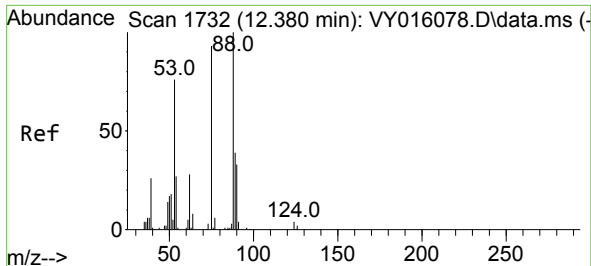
Tgt Ion: 75 Resp: 52775

Ion Ratio Lower Upper

75 100

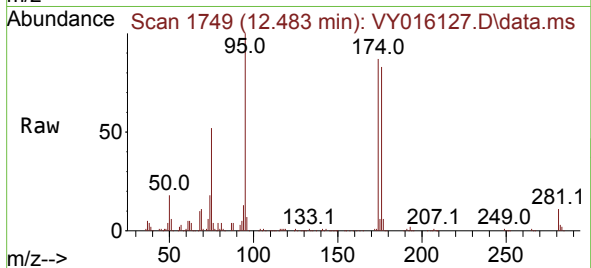
77 1.4 0.0 0.0#



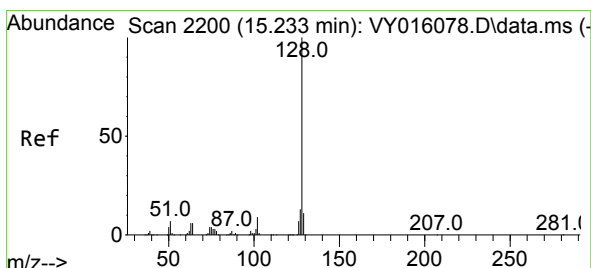
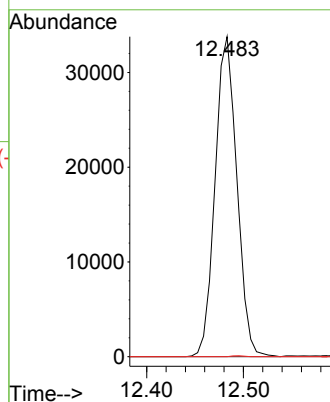
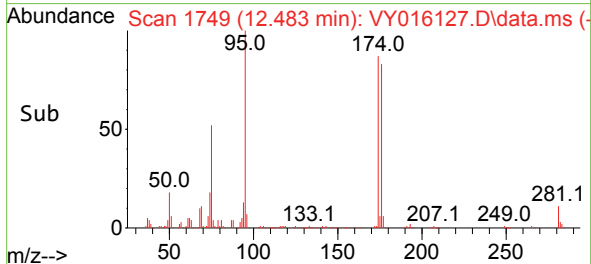


#81
trans-1,4-Dichloro-2-butene
Concen: 101.476 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY016127.D
Acq: 30 Oct 2023 12:39

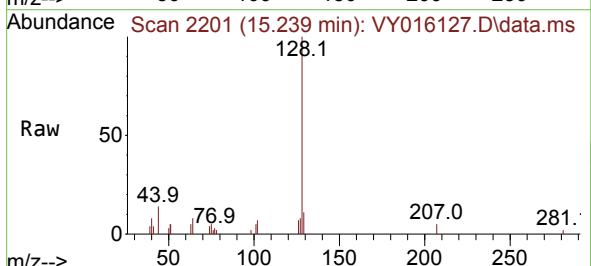
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 52775
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#



#95
Naphthalene
Concen: 1.517 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY016127.D
Acq: 30 Oct 2023 12:39



Tgt Ion: 128 Resp: 5949
Ion Ratio Lower Upper
128 100
127 12.1 10.8 16.2
129 10.0 8.6 13.0

