

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016128.D
 Acq On : 30 Oct 2023 13:03
 Operator : SY/MD
 Sample : 05078-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 31 01:29:04 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)

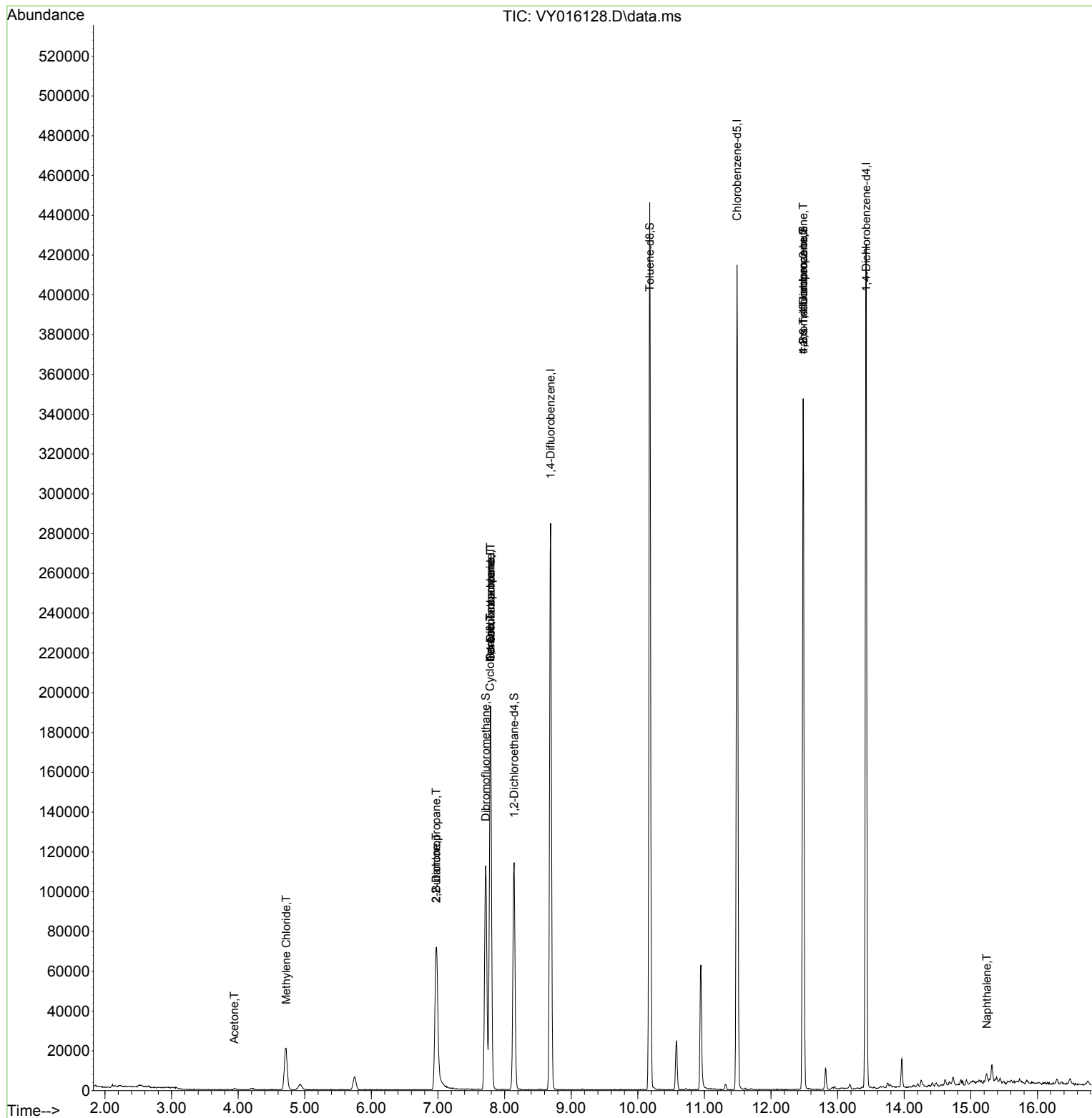
Internal Standards						
1) Pentafluorobenzene	7.789	168	150385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	252143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	90129	60.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.540%	
35) Dibromofluoromethane	7.715	113	80866	50.803	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.600%	
50) Toluene-d8	10.178	98	292766	49.654	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	12.483	95	101016	49.945	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.935	59	3913	Below Cal	#	92
16) Acetone	3.942	43	870	2.146	ug/l	93
20) Methylene Chloride	4.722	84	16666	5.352	ug/l #	84
25) 2-Butanone	6.972	43	3668	6.705	ug/l #	76
26) 2,2-Dichloropropane	6.972	77	5854	2.380	ug/l #	54
31) Cyclohexane	7.782	56	2966	1.261	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11166	5.032	ug/l #	51
38) Carbon Tetrachloride	7.789	117	14517	6.187	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	53218	47.355	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53218	102.908	ug/l #	11
95) Naphthalene	15.238	128	4539	1.164	ug/l	97

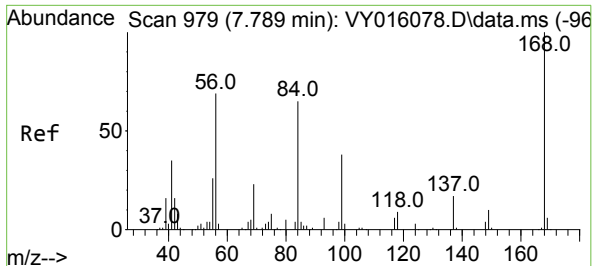
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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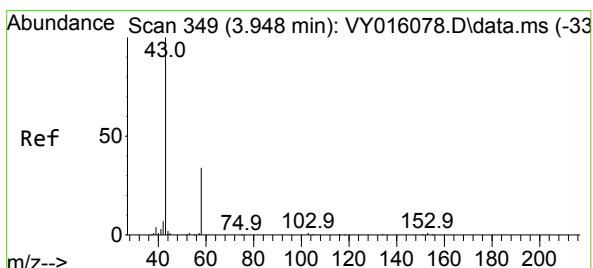
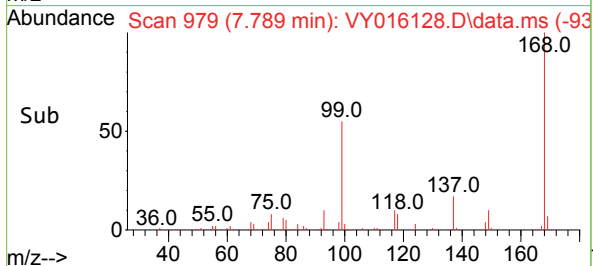
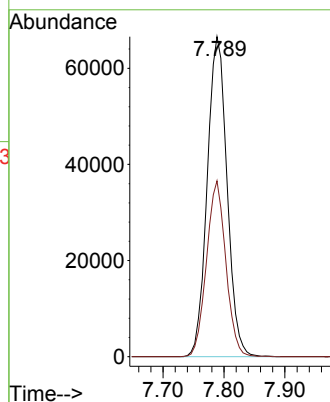
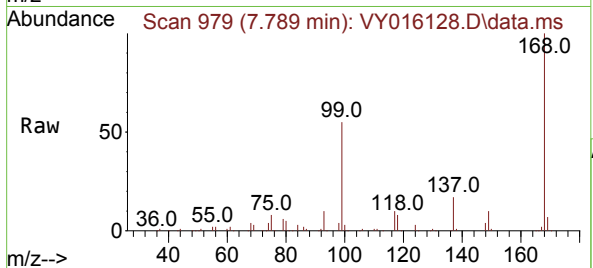




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016128.D
Acq: 30 Oct 2023 13:03

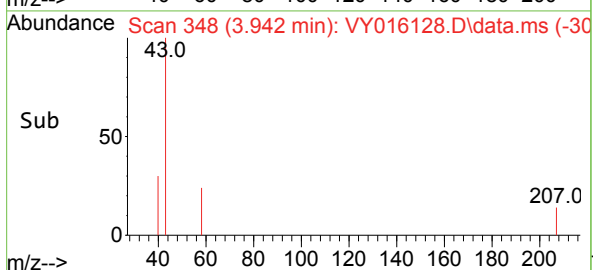
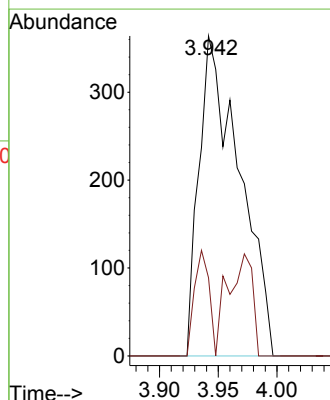
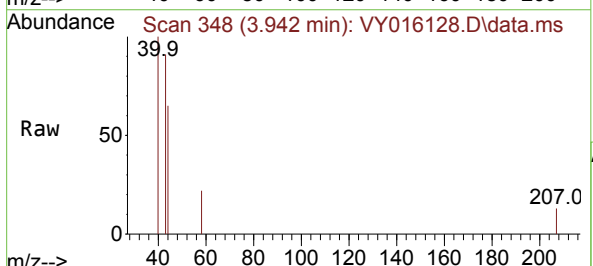
Instrument :
MSVOA_Y
ClientSampleId :

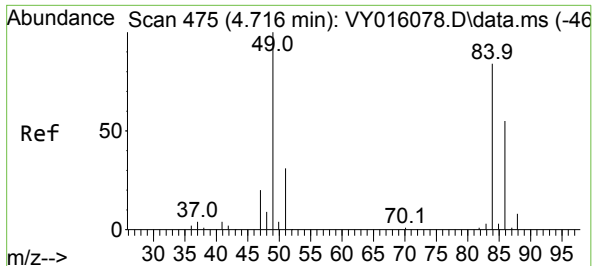
Tgt Ion:168 Resp: 150385
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#16
Acetone
Concen: 2.146 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY016128.D
Acq: 30 Oct 2023 13:03

Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
58 24.5 22.7 34.1





#20

Methylene Chloride

Concen: 5.352 ug/l

RT: 4.722 min Scan# 41

Delta R.T. 0.006 min

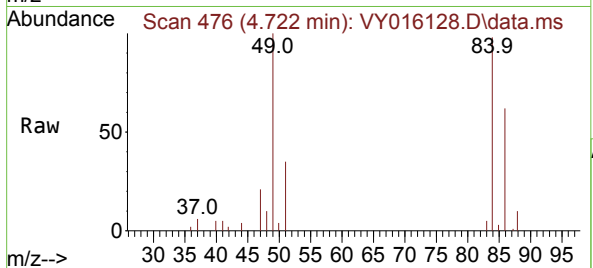
Lab File: VY016128.D

Acq: 30 Oct 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 16666

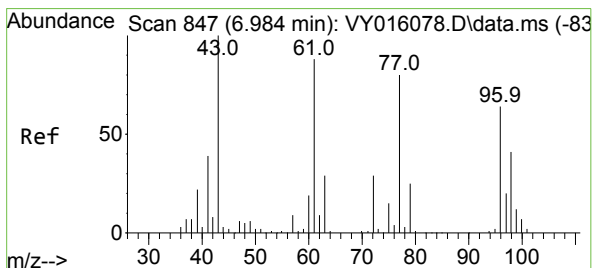
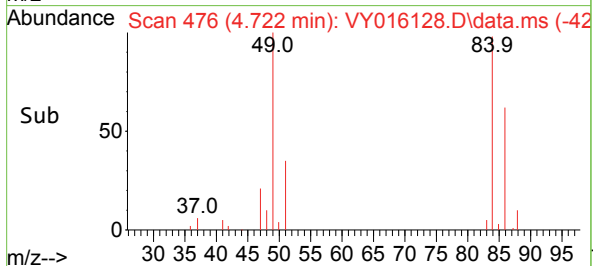
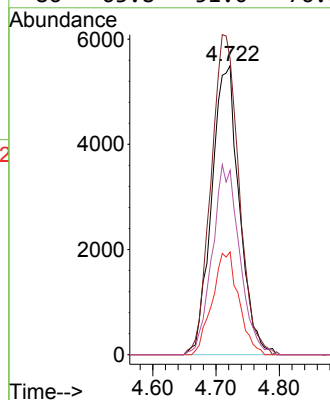
Ion Ratio Lower Upper

84 100

49 102.3 106.9 160.3#

51 35.5 33.2 49.8

86 63.8 51.0 76.6



#25

2-Butanone

Concen: 6.705 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.013 min

Lab File: VY016128.D

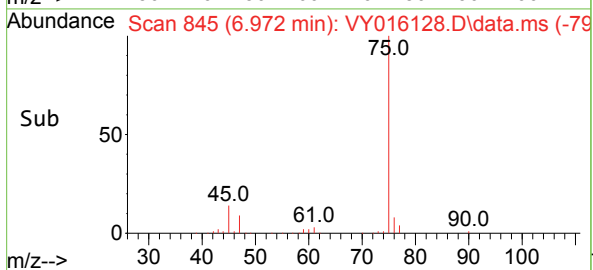
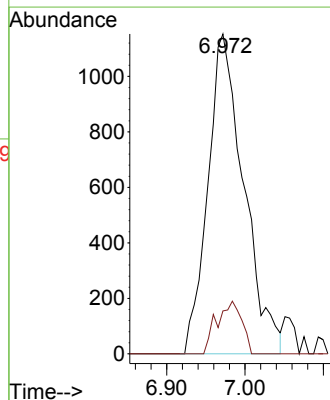
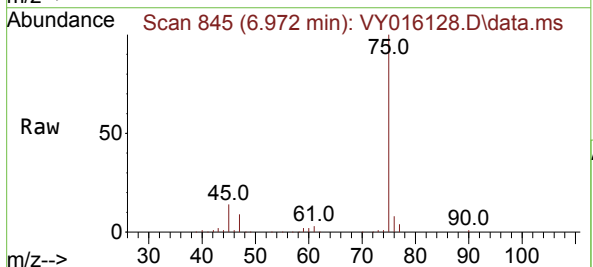
Acq: 30 Oct 2023 13:03

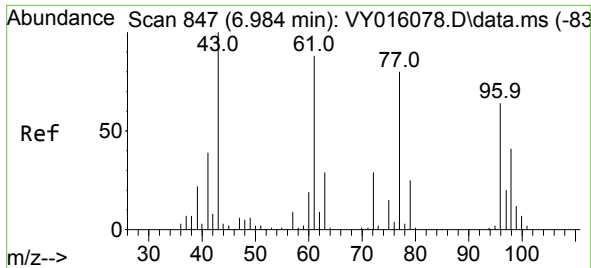
Tgt Ion: 43 Resp: 3668

Ion Ratio Lower Upper

43 100

72 13.4 20.5 30.7#

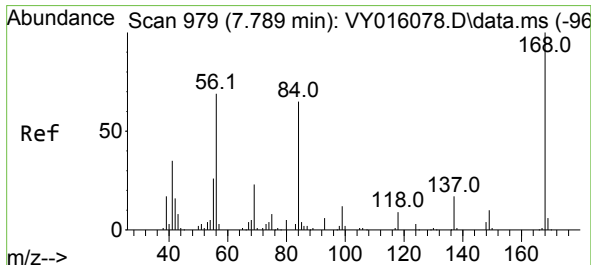
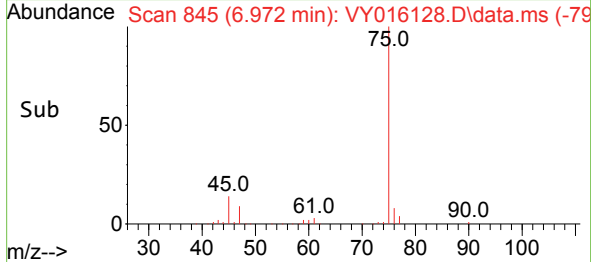
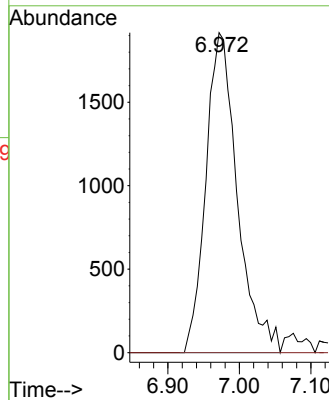
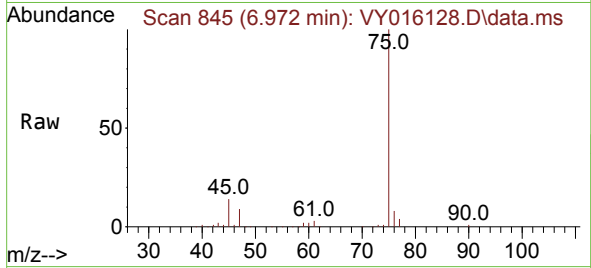




#26
2,2-Dichloropropane
Concen: 2.380 ug/l
RT: 6.972 min Scan# 847
Delta R.T. -0.013 min
Lab File: VY016128.D
Acq: 30 Oct 2023 13:03

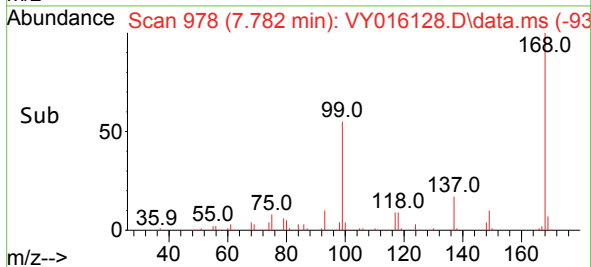
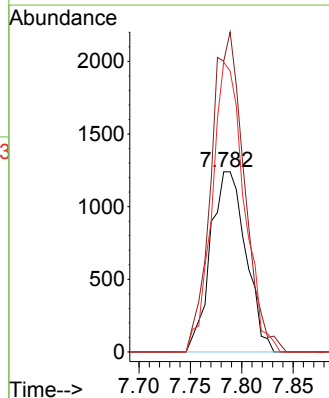
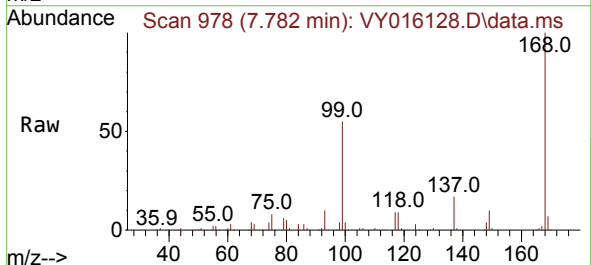
Instrument :
MSVOA_Y
ClientSampleId :

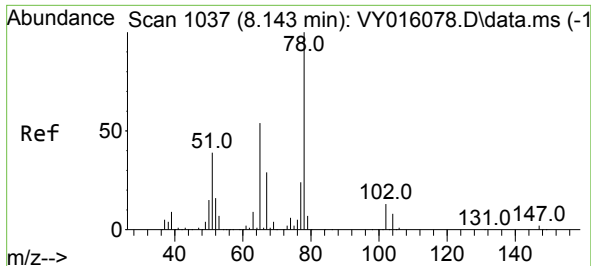
Tgt Ion: 77 Resp: 5854
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.261 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY016128.D
Acq: 30 Oct 2023 13:03

Tgt Ion: 56 Resp: 2966
Ion Ratio Lower Upper
56 100
69 161.4 27.8 41.6#
84 160.8 66.4 99.6#

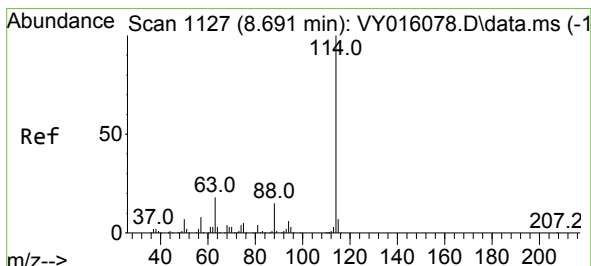
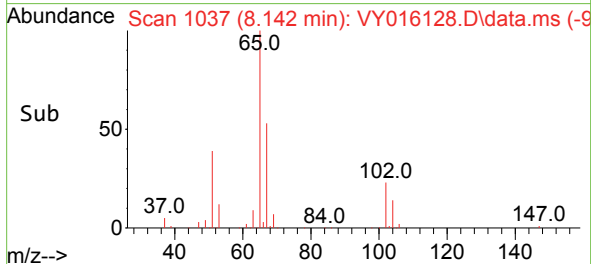
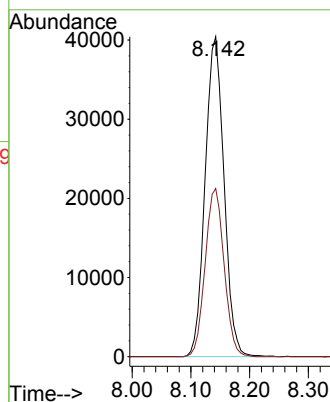
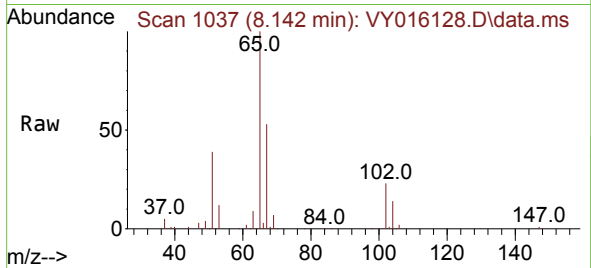




#33
 1,2-Dichloroethane-d4
 Concen: 60.272 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY016128.D
 Acq: 30 Oct 2023 13:03

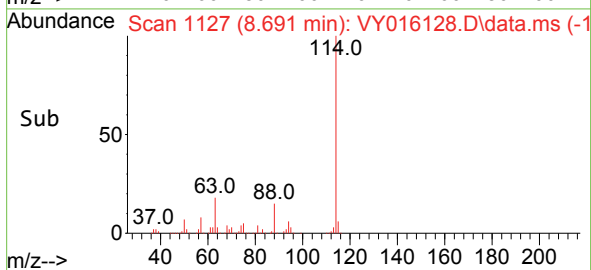
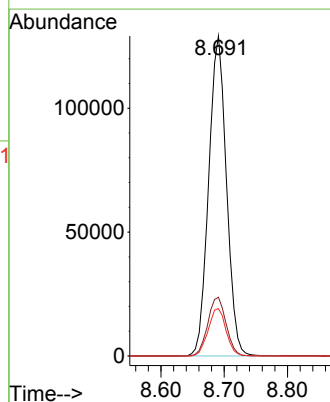
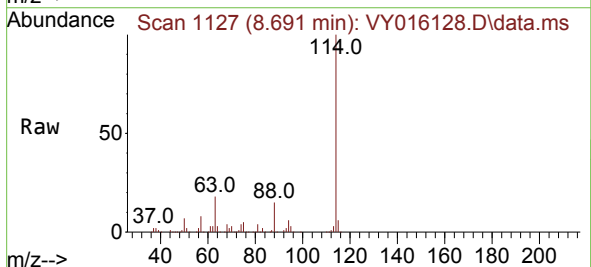
Instrument :
 MSVOA_Y
 ClientSampleId :

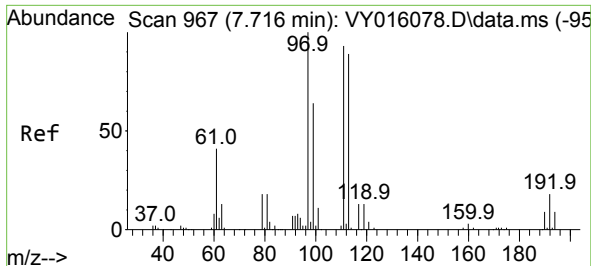
Tgt Ion: 65 Resp: 90129
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016128.D
 Acq: 30 Oct 2023 13:03

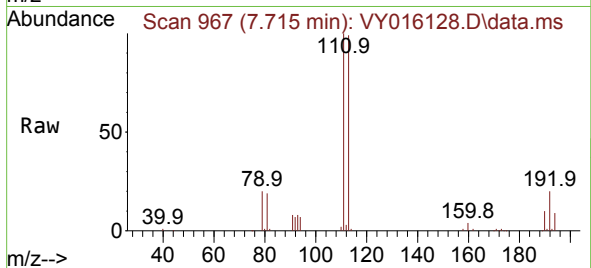
Tgt Ion: 114 Resp: 252143
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.4
 88 14.8 0.0 30.6



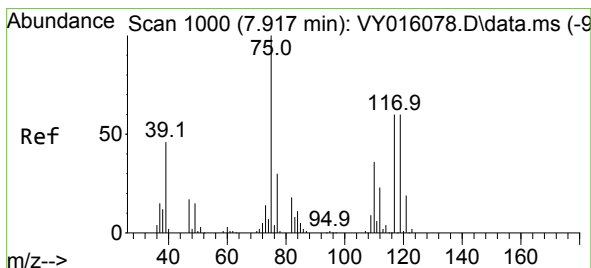
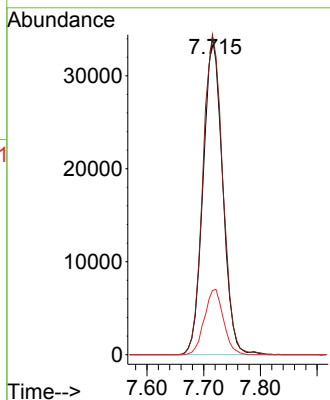
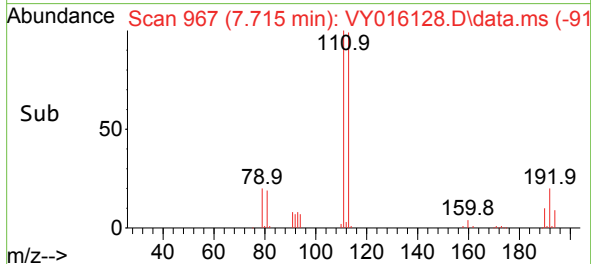


#35
Dibromofluoromethane
Concen: 50.803 ug/l
RT: 7.715 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY016128.D
Acq: 30 Oct 2023 13:03

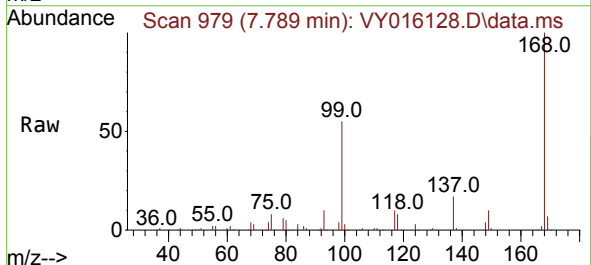
Instrument :
MSVOA_Y
ClientSampleId :



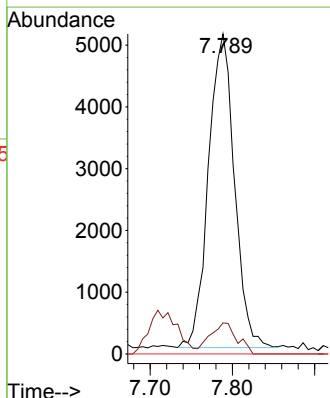
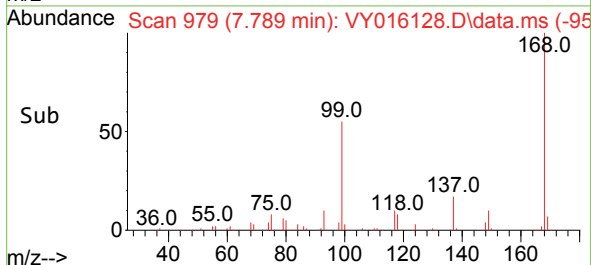
Tgt Ion:113 Resp: 80866
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 20.3 16.9 25.3

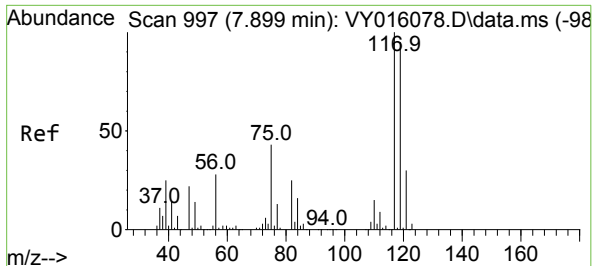


#36
1,1-Dichloropropene
Concen: 5.032 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY016128.D
Acq: 30 Oct 2023 13:03



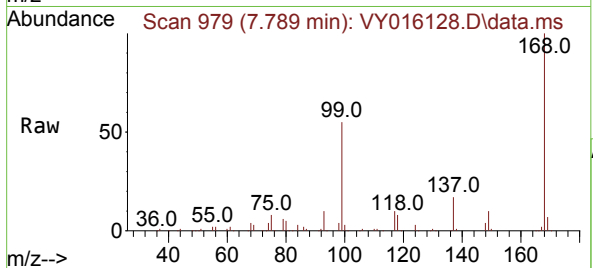
Tgt Ion: 75 Resp: 11166
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.0 24.4 36.6#



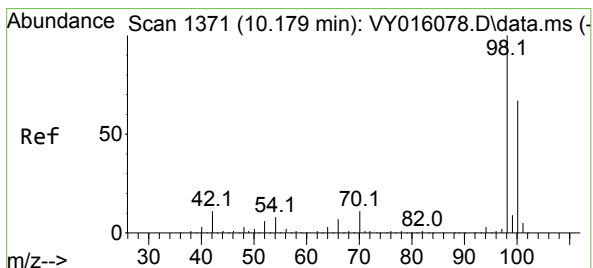
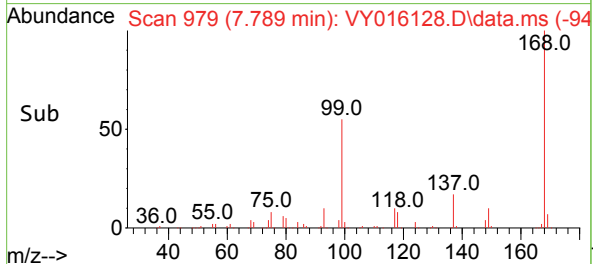
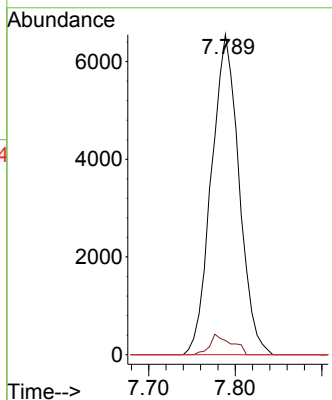


#38
Carbon Tetrachloride
Concen: 6.187 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016128.D
Acq: 30 Oct 2023 13:03

Instrument :
MSVOA_Y
ClientSampleId :

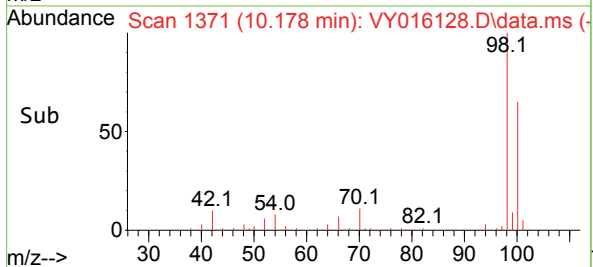
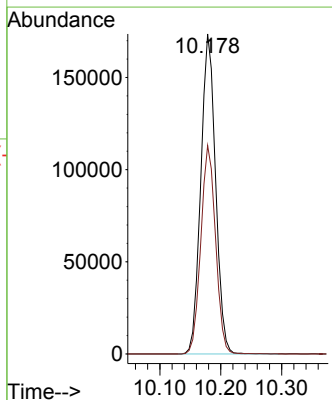
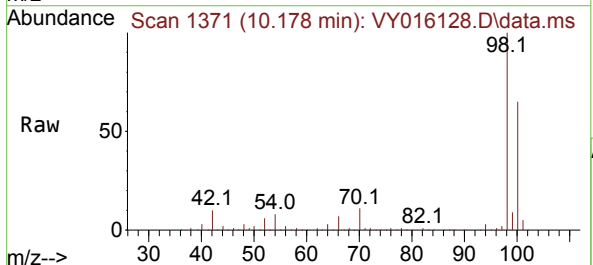


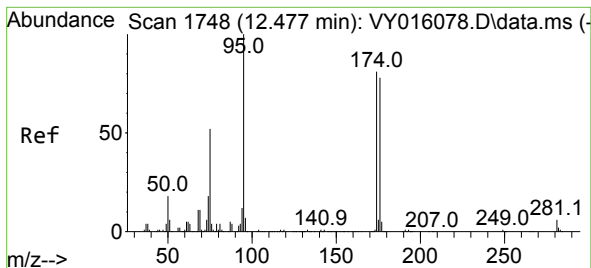
Tgt Ion:117 Resp: 14517
Ion Ratio Lower Upper
117 100
119 4.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.654 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY016128.D
Acq: 30 Oct 2023 13:03

Tgt Ion: 98 Resp: 292766
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

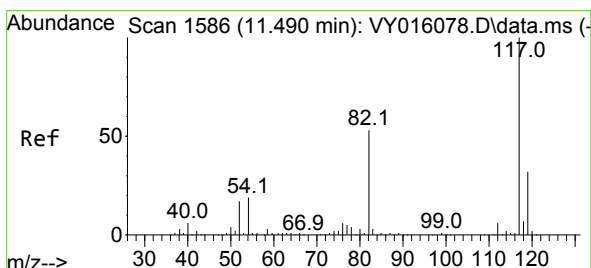
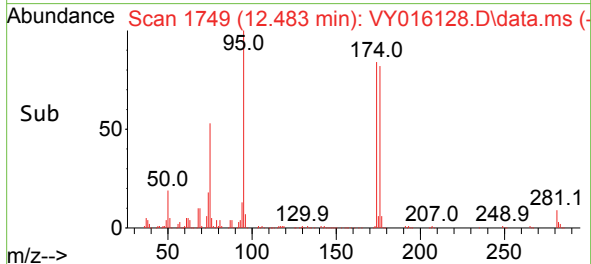
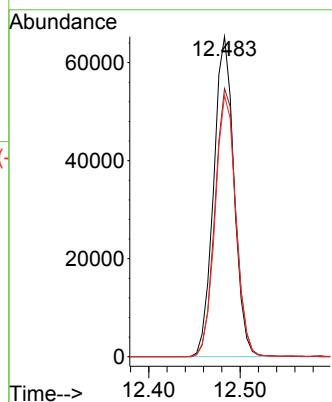
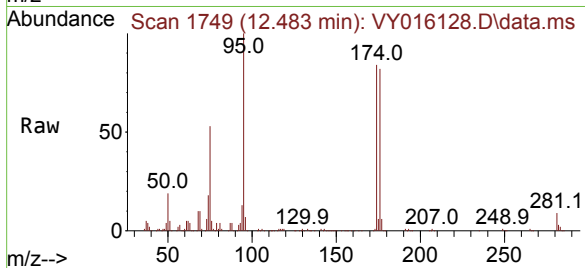




#62
4-Bromofluorobenzene
Concen: 49.945 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016128.D
Acq: 30 Oct 2023 13:03

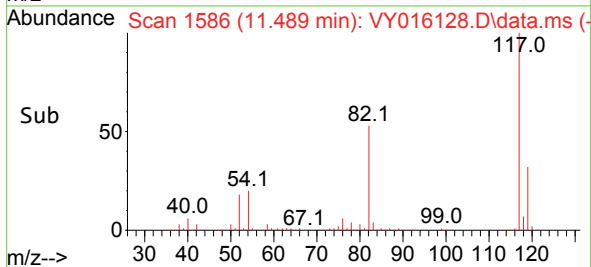
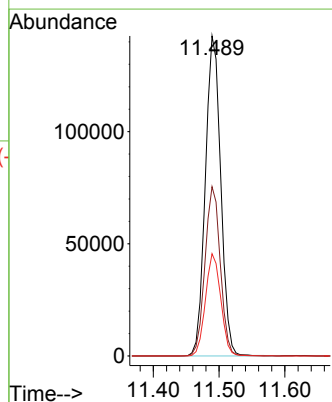
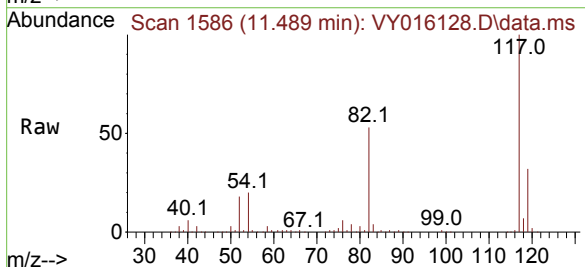
Instrument :
MSVOA_Y
ClientSampleId :

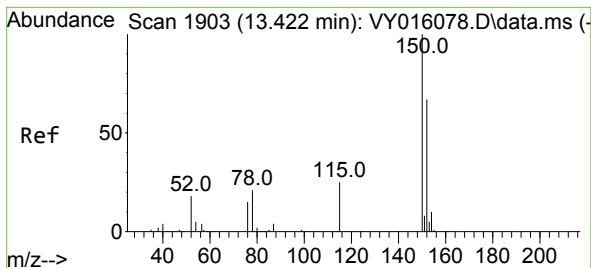
Tgt Ion: 95 Resp: 101016
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 83.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY016128.D
Acq: 30 Oct 2023 13:03

Tgt Ion: 117 Resp: 232556
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 31.9 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: VY016128.D

Acq: 30 Oct 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

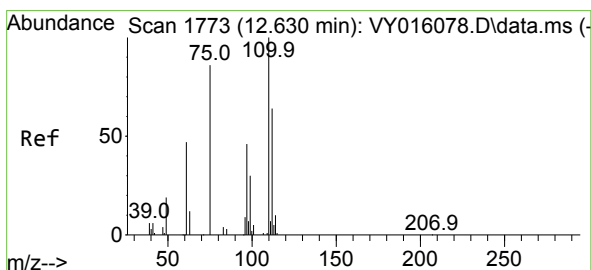
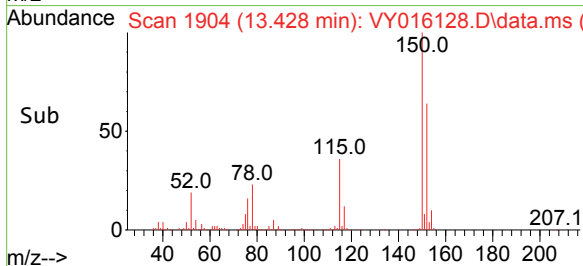
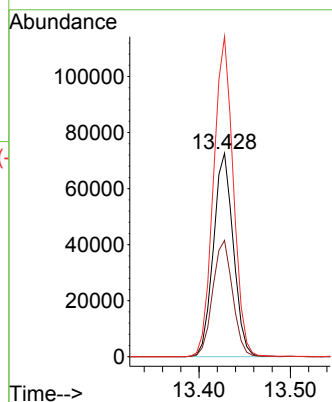
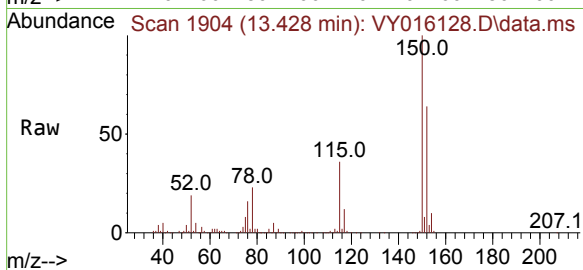
Tgt Ion:152 Resp: 110073

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 156.7 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 47.355 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY016128.D

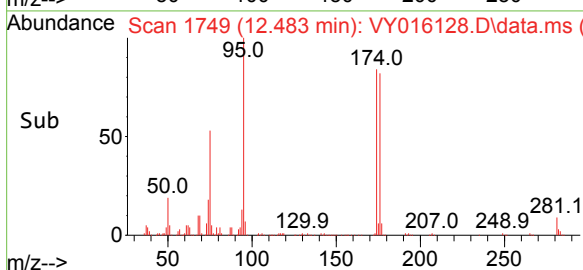
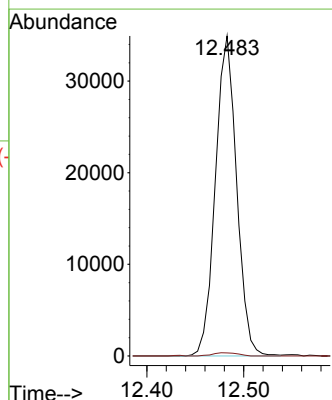
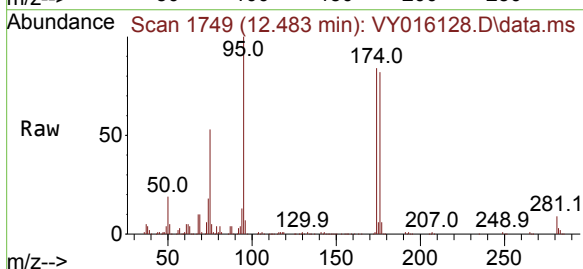
Acq: 30 Oct 2023 13:03

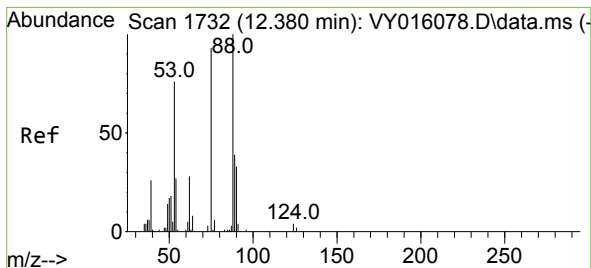
Tgt Ion: 75 Resp: 53218

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

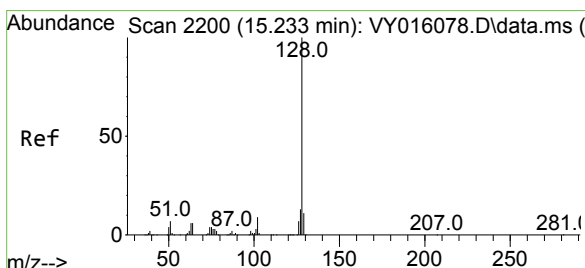
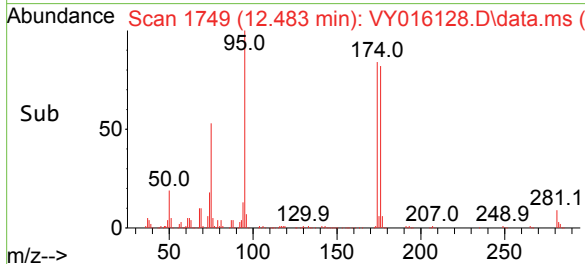
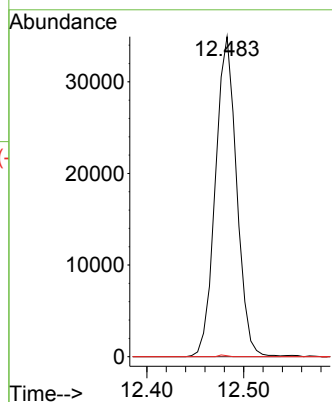
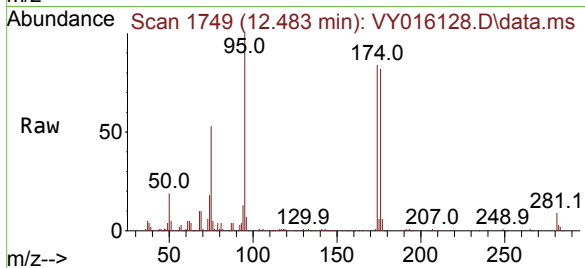




#81
trans-1,4-Dichloro-2-butene
Concen: 102.908 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY016128.D
Acq: 30 Oct 2023 13:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 53218
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#



#95
Naphthalene
Concen: 1.164 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY016128.D
Acq: 30 Oct 2023 13:03

Tgt Ion:128 Resp: 4539
Ion Ratio Lower Upper
128 100
127 11.4 10.8 16.2
129 10.5 8.6 13.0

