

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017427.D
 Acq On : 21 Feb 2024 09:38
 Operator : SY/MD
 Sample : VY0221SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBL01

Quant Time: Feb 22 03:21:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

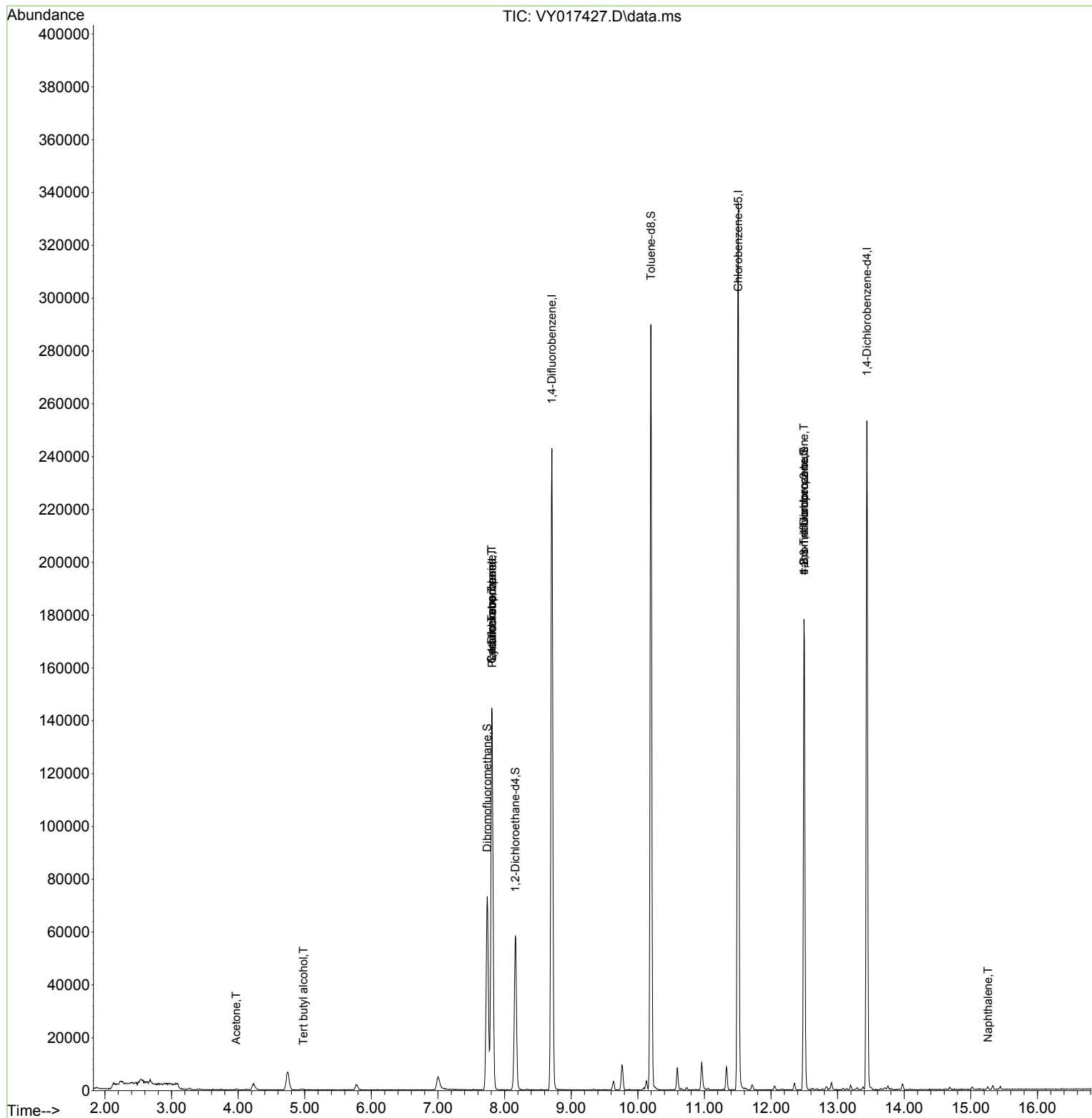
Internal Standards						
1) Pentafluorobenzene	7.813	168	115819	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	216248	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	188058	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	66303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	44563	45.039	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.080%		
35) Dibromofluoromethane	7.740	113	52103	41.161	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	82.320%		
50) Toluene-d8	10.197	98	190544	38.812	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	77.620%		
62) 4-Bromofluorobenzene	12.495	95	49154	30.711	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	61.420%		
Target Compounds						
5) Bromomethane	2.680	94	669	Below Cal	#	80
11) Tert butyl alcohol	4.978	59	258	3.354	ug/l #	88
16) Acetone	3.973	43	582	2.716	ug/l #	36
20) Methylene Chloride	4.747	84	5614	Below Cal		95
31) Cyclohexane	7.807	56	2335	1.192	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	8672	4.102	ug/l #	48
38) Carbon Tetrachloride	7.807	117	10945	5.200	ug/l #	19
76) 1,2,3-Trichloropropane	12.495	75	25450	39.588	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	25450	92.302	ug/l #	16
95) Naphthalene	15.257	128	1093	4.052	ug/l #	83

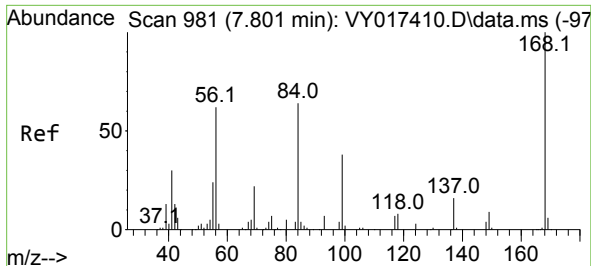
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VY0221SBL01

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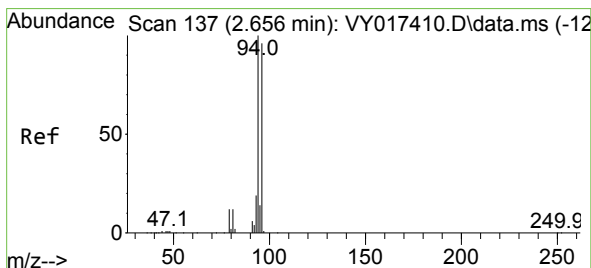
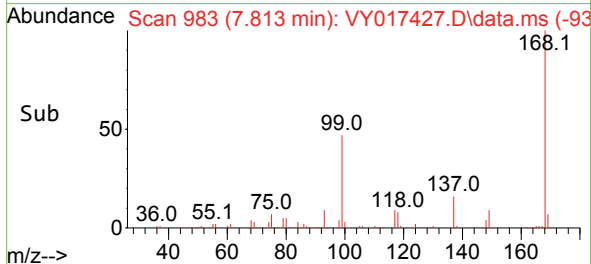
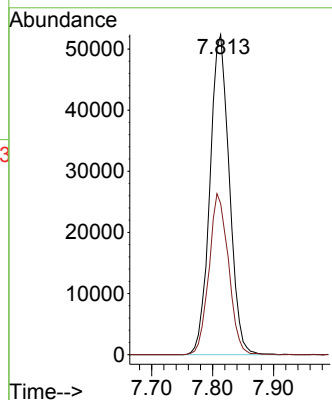
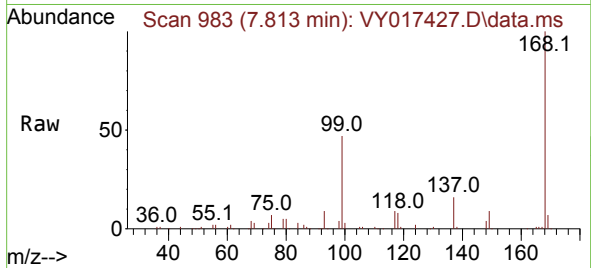




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017427.D
Acq: 21 Feb 2024 09:38

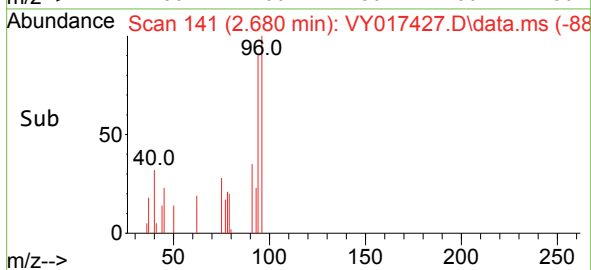
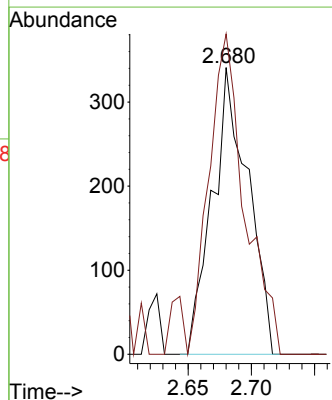
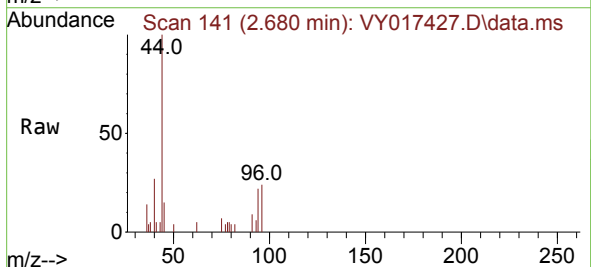
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

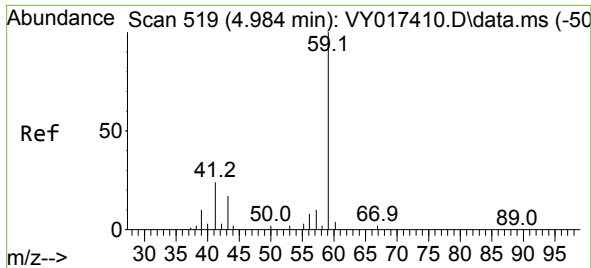
Tgt Ion:168 Resp: 115819
Ion Ratio Lower Upper
168 100
99 47.2 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.680 min Scan# 141
Delta R.T. 0.024 min
Lab File: VY017427.D
Acq: 21 Feb 2024 09:38

Tgt Ion: 94 Resp: 669
Ion Ratio Lower Upper
94 100
96 111.7 74.1 111.1#

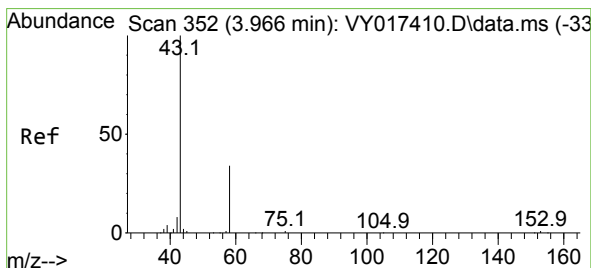
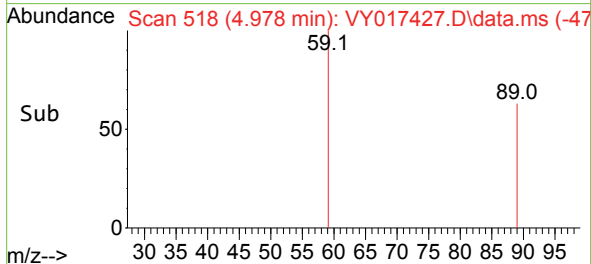
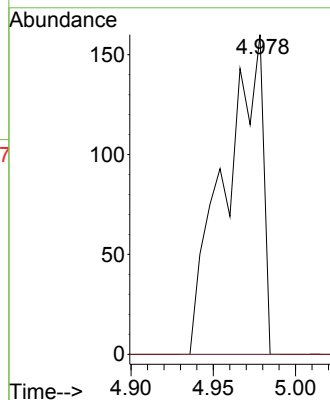
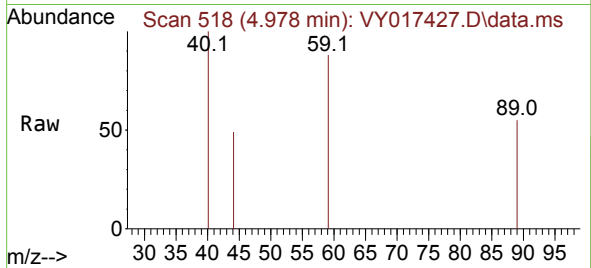




#11
Tert butyl alcohol
Concen: 3.354 ug/l
RT: 4.978 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY017427.D
Acq: 21 Feb 2024 09:38

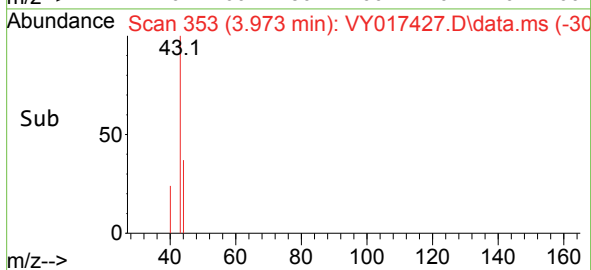
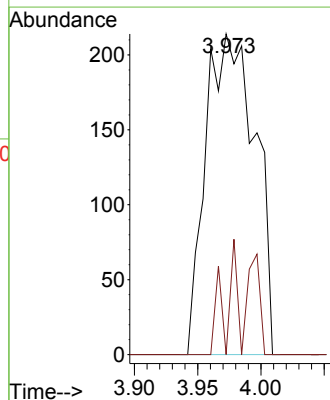
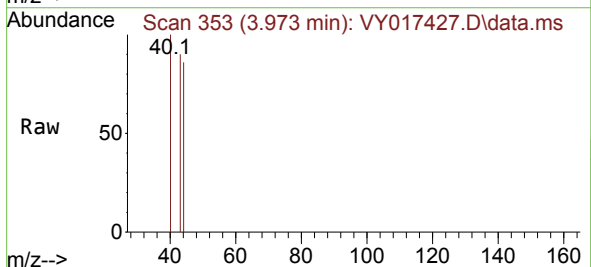
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

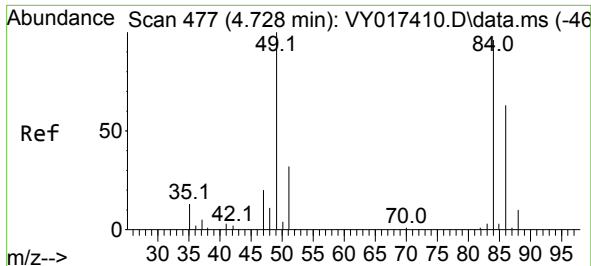
Tgt Ion: 59 Resp: 258
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 2.716 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY017427.D
Acq: 21 Feb 2024 09:38

Tgt Ion: 43 Resp: 582
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.747 min Scan# 41

Delta R.T. 0.019 min

Lab File: VY017427.D

Acq: 21 Feb 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBL01

Tgt Ion: 84 Resp: 5614

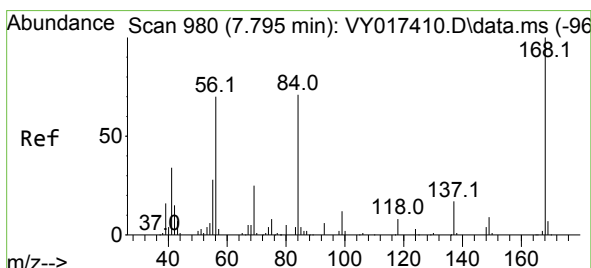
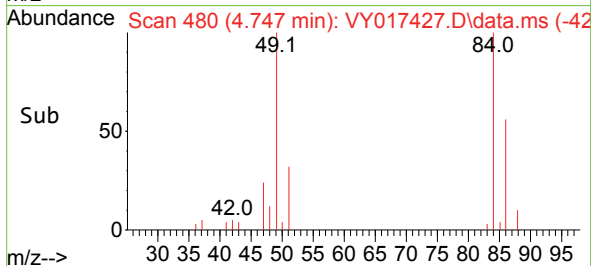
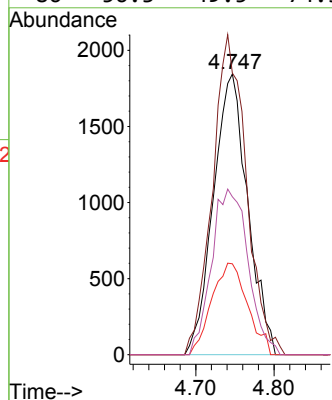
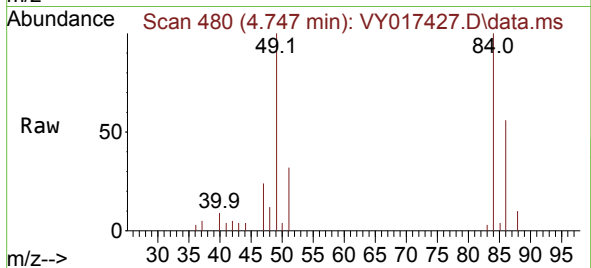
Ion Ratio Lower Upper

84 100

49 100.4 84.4 126.6

51 32.4 26.0 39.0

86 56.3 49.5 74.3



#31

Cyclohexane

Concen: 1.192 ug/l

RT: 7.807 min Scan# 982

Delta R.T. 0.012 min

Lab File: VY017427.D

Acq: 21 Feb 2024 09:38

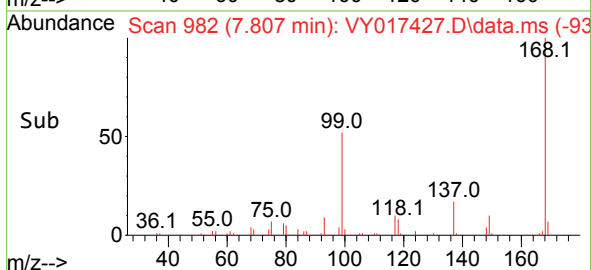
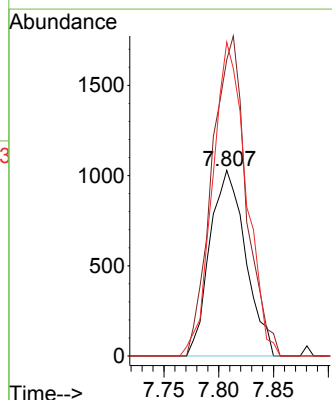
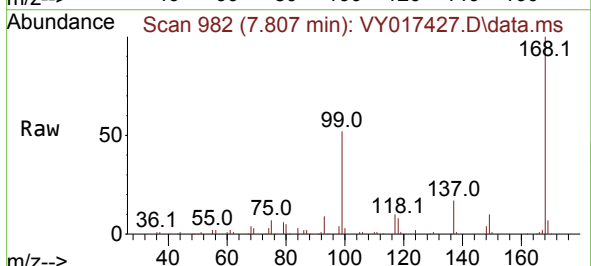
Tgt Ion: 56 Resp: 2335

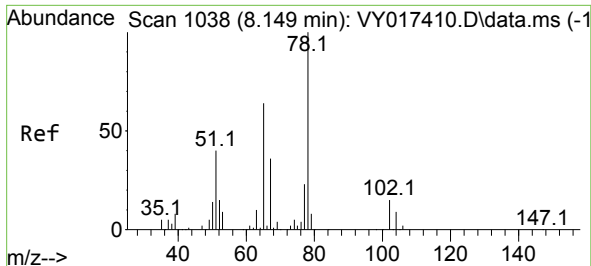
Ion Ratio Lower Upper

56 100

69 159.6 28.7 43.1#

84 169.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 45.039 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY017427.D

Acq: 21 Feb 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

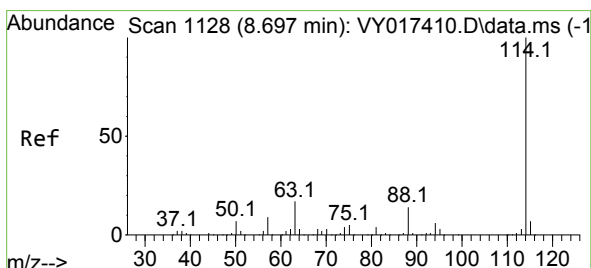
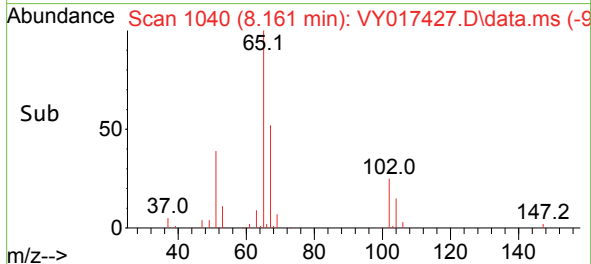
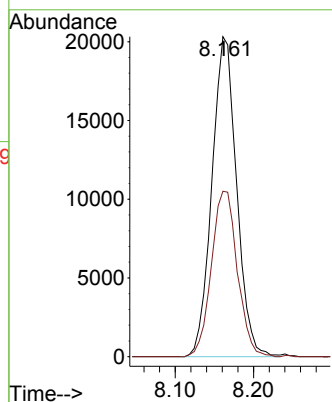
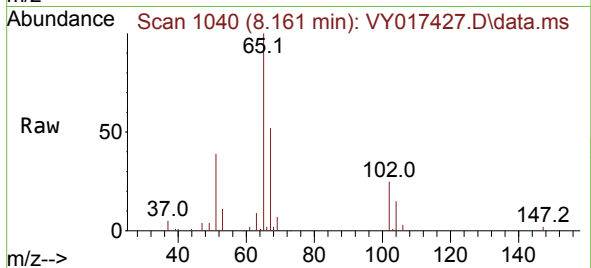
VY0221SBL01

Tgt Ion: 65 Resp: 44563

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY017427.D

Acq: 21 Feb 2024 09:38

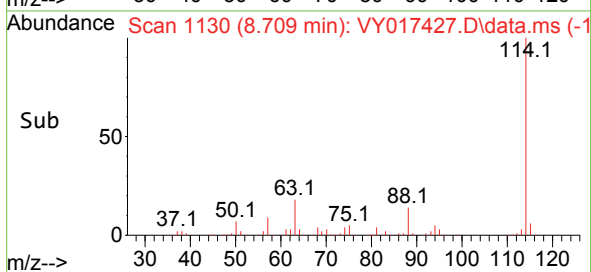
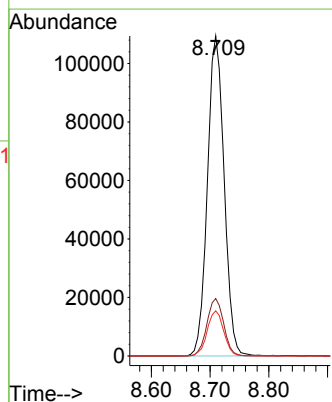
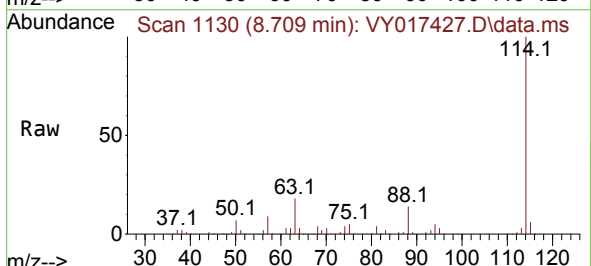
Tgt Ion: 114 Resp: 216248

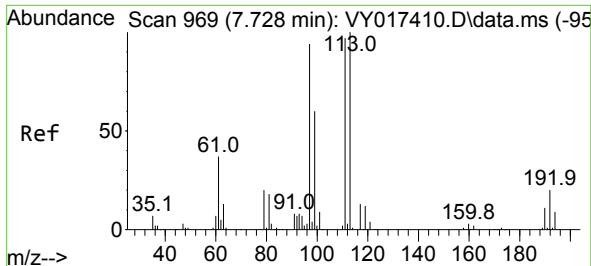
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 14.1 0.0 27.2

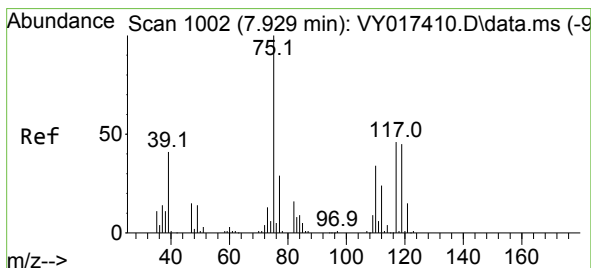
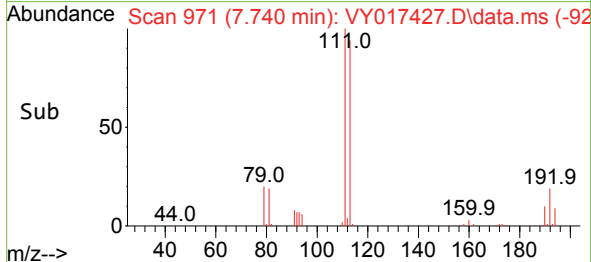
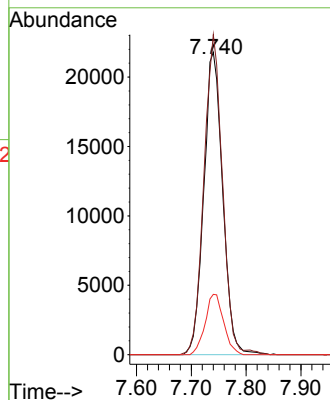
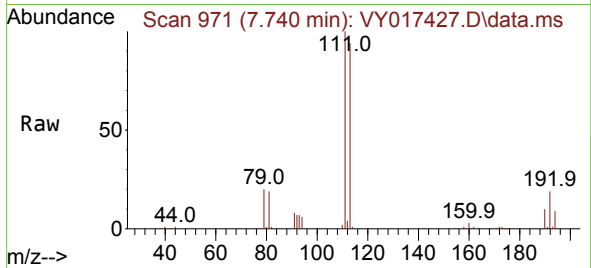




#35
Dibromofluoromethane
Concen: 41.161 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017427.D
Acq: 21 Feb 2024 09:38

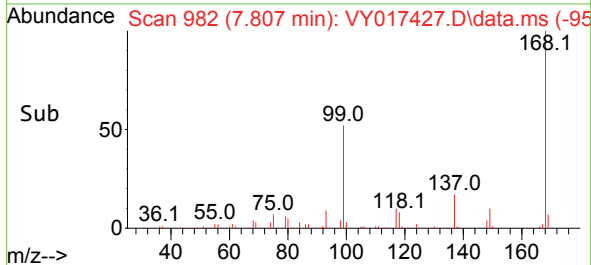
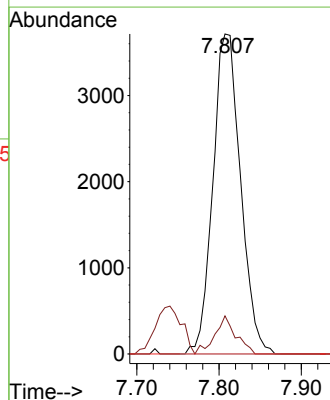
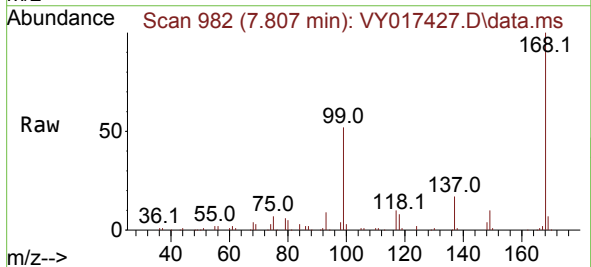
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

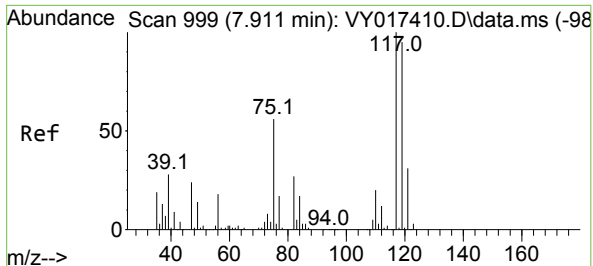
Tgt Ion:113 Resp: 52103
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 19.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.102 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY017427.D
Acq: 21 Feb 2024 09:38

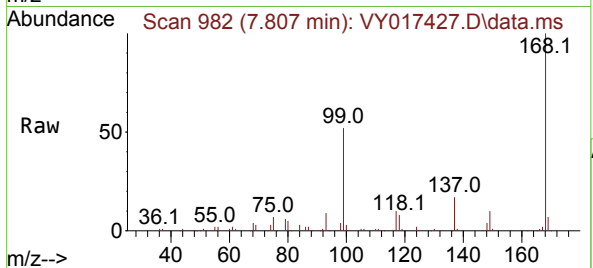
Tgt Ion: 75 Resp: 8672
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.0 25.3 37.9#



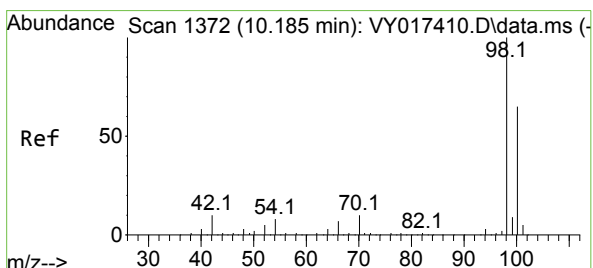
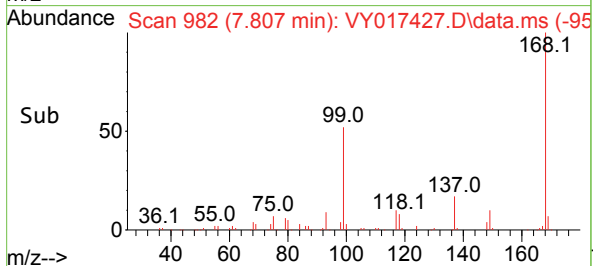
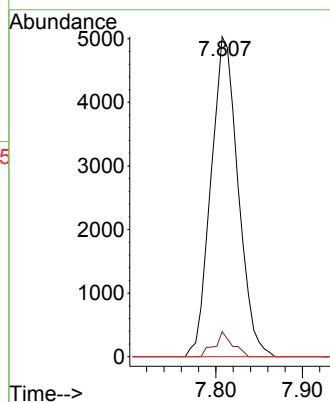


#38
Carbon Tetrachloride
Concen: 5.200 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY017427.D
Acq: 21 Feb 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

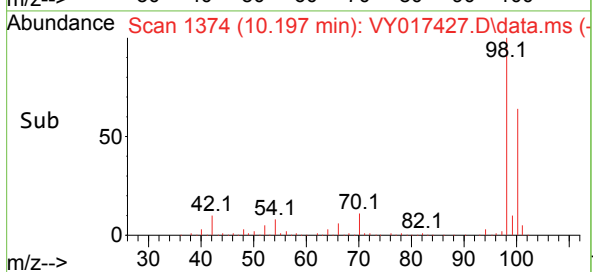
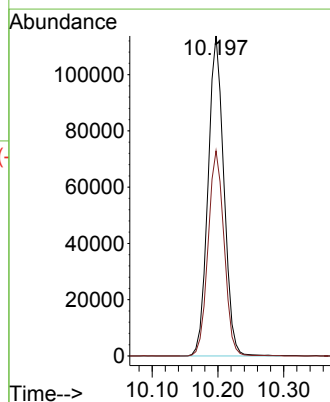
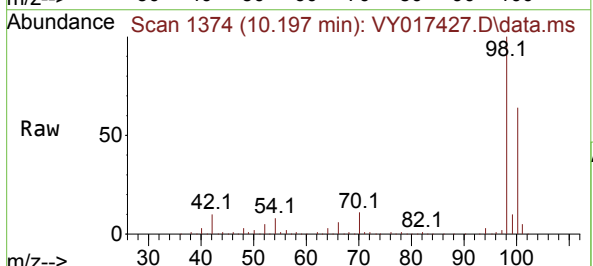


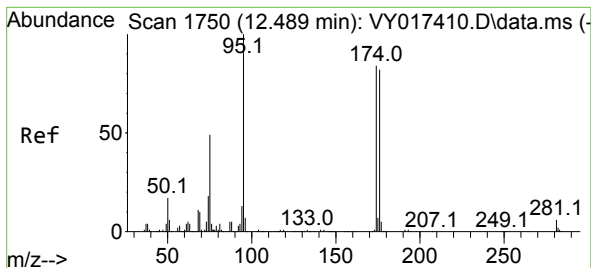
Tgt Ion:117 Resp: 10945
Ion Ratio Lower Upper
117 100
119 7.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 38.812 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY017427.D
Acq: 21 Feb 2024 09:38

Tgt Ion: 98 Resp: 190544
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

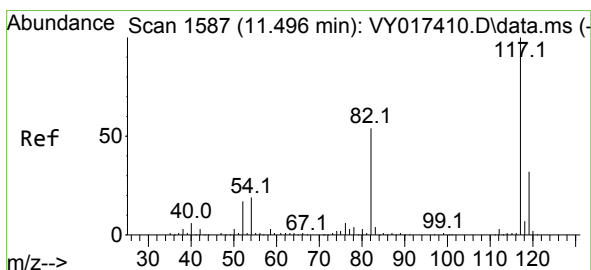
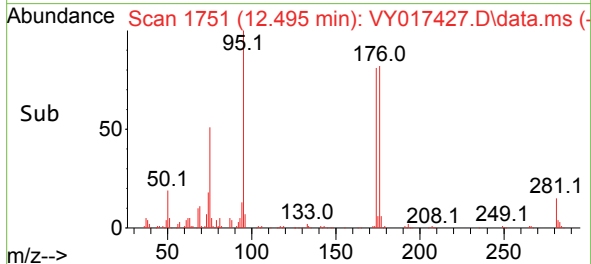
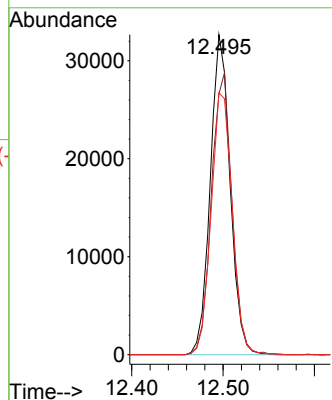
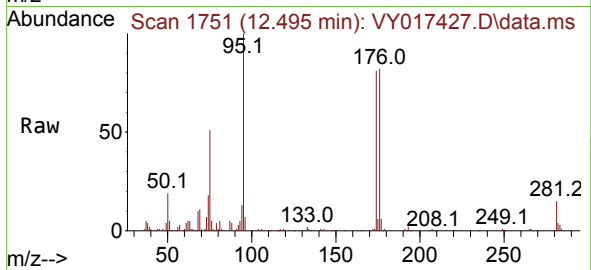




#62
4-Bromofluorobenzene
Concen: 30.711 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017427.D
Acq: 21 Feb 2024 09:38

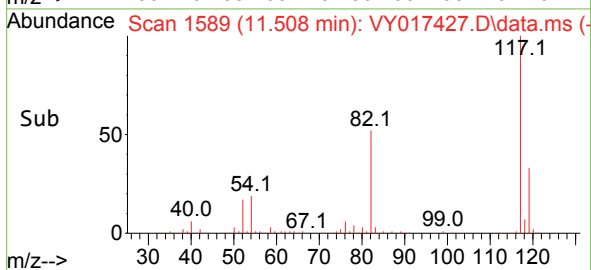
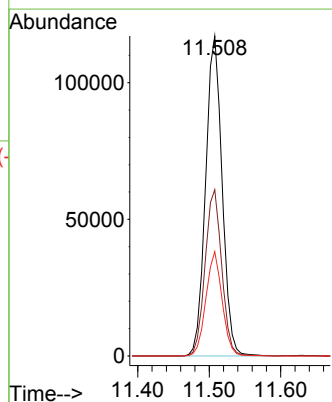
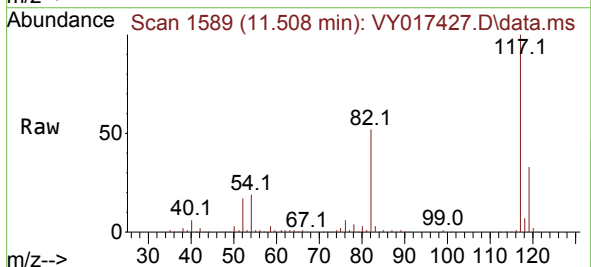
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

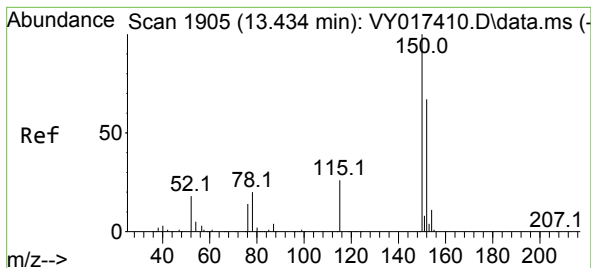
Tgt Ion: 95 Resp: 49154
Ion Ratio Lower Upper
95 100
174 91.1 0.0 175.6
176 87.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.012 min
Lab File: VY017427.D
Acq: 21 Feb 2024 09:38

Tgt Ion: 117 Resp: 188058
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 32.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017427.D

Acq: 21 Feb 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBL01

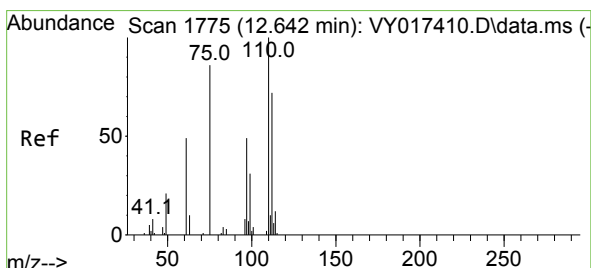
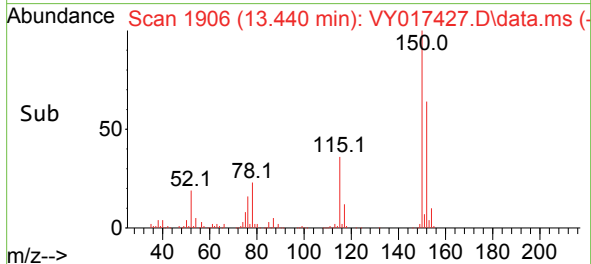
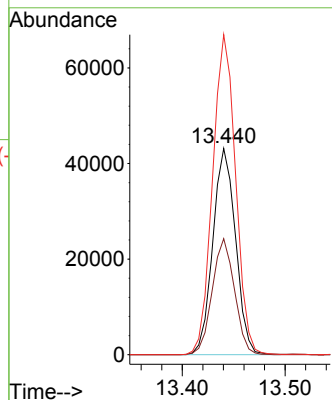
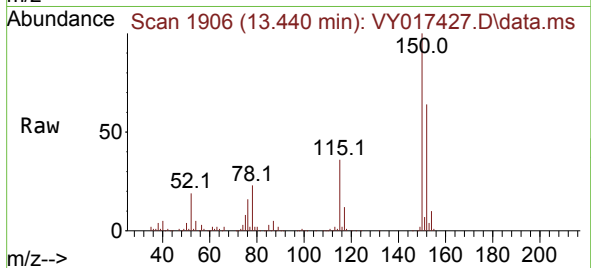
Tgt Ion:152 Resp: 66303

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 156.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 39.588 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.146 min

Lab File: VY017427.D

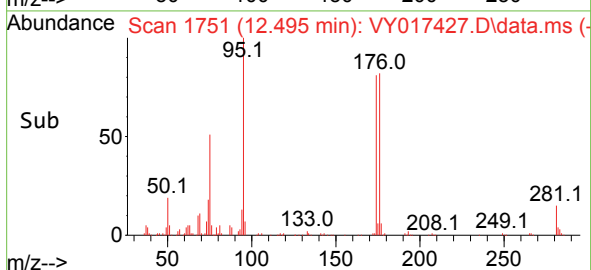
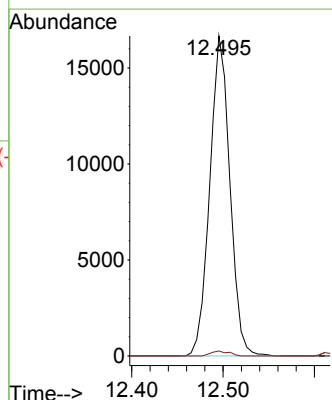
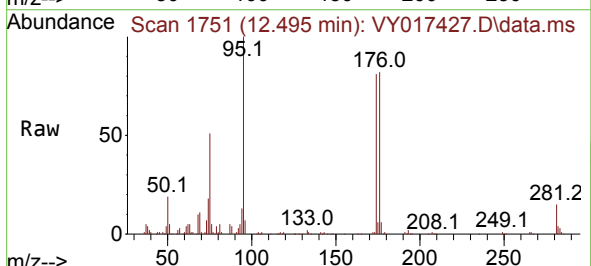
Acq: 21 Feb 2024 09:38

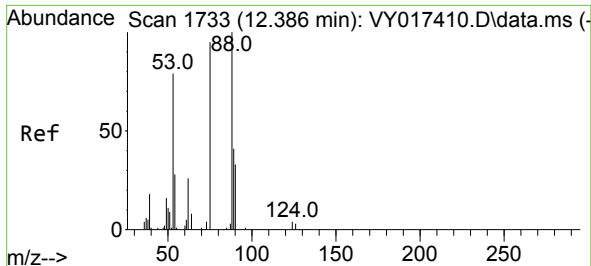
Tgt Ion: 75 Resp: 25450

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

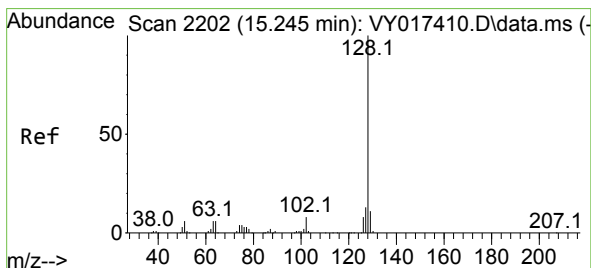
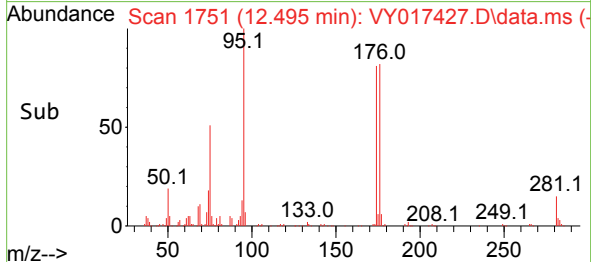
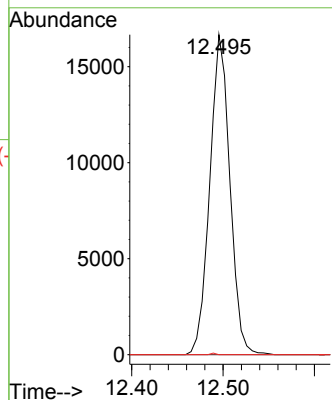
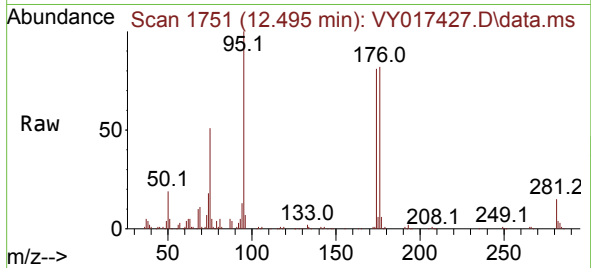




#81
trans-1,4-Dichloro-2-butene
Concen: 92.302 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017427.D
Acq: 21 Feb 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

Tgt Ion: 75 Resp: 25450
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#



#95
Naphthalene
Concen: 4.052 ug/l
RT: 15.257 min Scan# 2204
Delta R.T. 0.012 min
Lab File: VY017427.D
Acq: 21 Feb 2024 09:38

Tgt Ion: 128 Resp: 1093
Ion Ratio Lower Upper
128 100
127 4.8 10.6 16.0#
129 6.7 8.6 13.0#

