

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017682.D
 Acq On : 15 Mar 2024 18:56
 Operator : SY/MD
 Sample : P1746-06
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-0-2.0

Quant Time: Mar 16 00:20:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

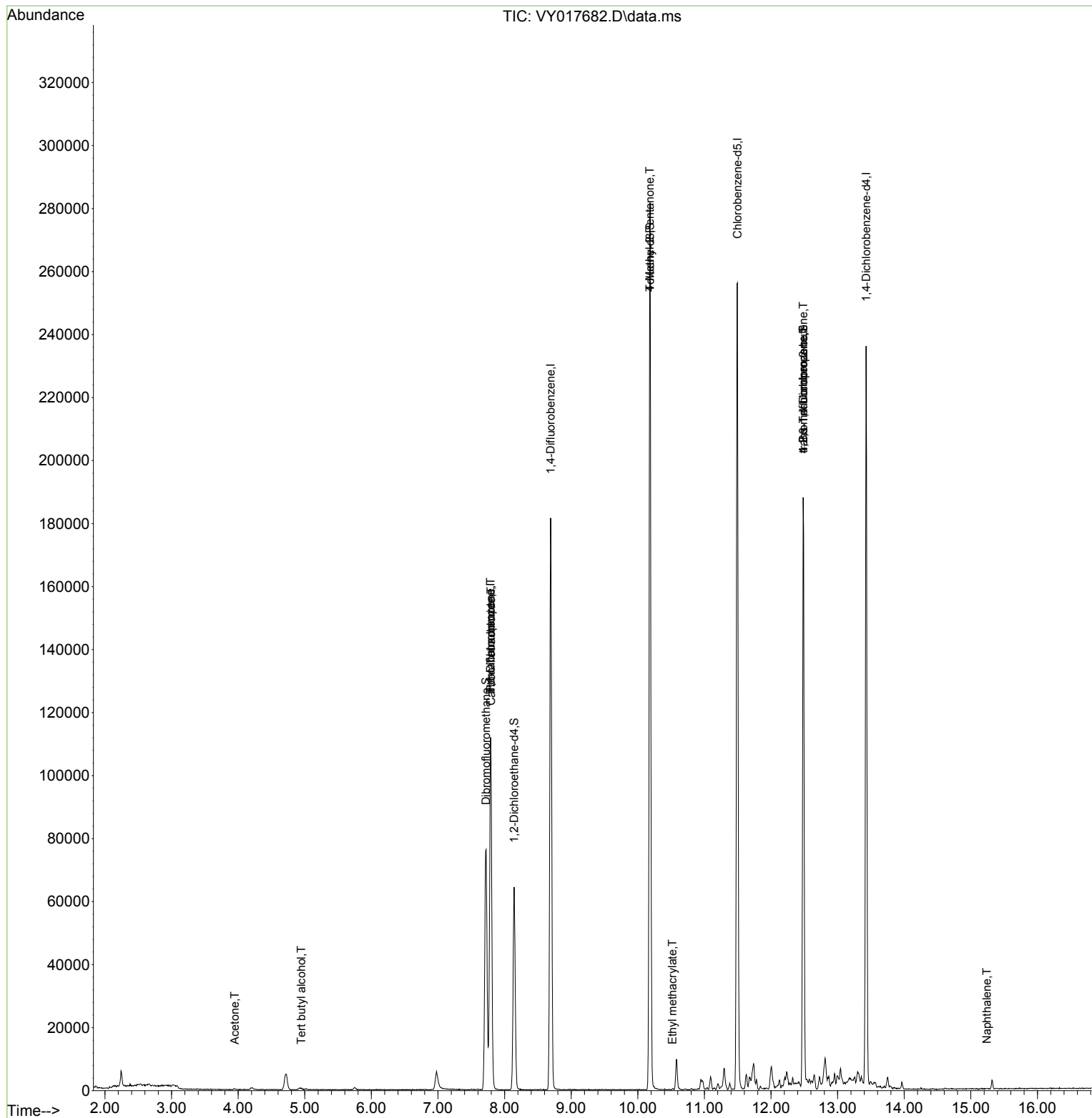
Internal Standards						
1) Pentafluorobenzene	7.789	168	94736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	168086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	157289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	47413	52.808	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.620%			
35) Dibromofluoromethane	7.722	113	57111	48.760	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.520%			
50) Toluene-d8	10.185	98	192835	47.088	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.180%			
62) 4-Bromofluorobenzene	12.483	95	55949	43.472	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.940%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	758	9.939	ug/l #	88
16) Acetone	3.948	43	419	2.406	ug/l #	36
20) Methylene Chloride	4.716	84	4245	Below Cal		93
36) 1,1-Dichloropropene	7.789	75	6766	4.281	ug/l #	48
38) Carbon Tetrachloride	7.795	117	8503	5.369	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	691	1.130	ug/l #	1
56) Ethyl methacrylate	10.520	69	48	2.578	ug/l #	33
76) 1,2,3-Trichloropropane	12.483	75	26936	45.082	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26936	103.589	ug/l #	16
95) Naphthalene	15.239	128	127	3.974	ug/l #	69

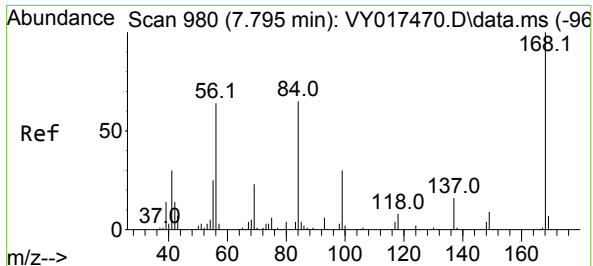
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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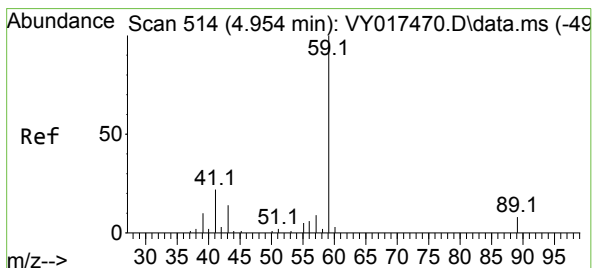
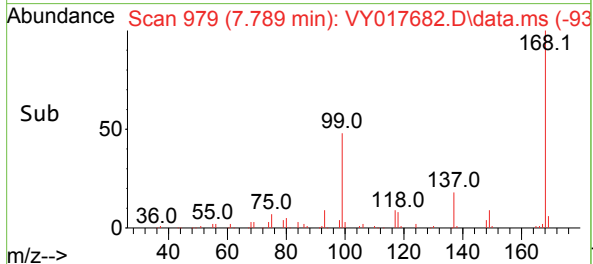
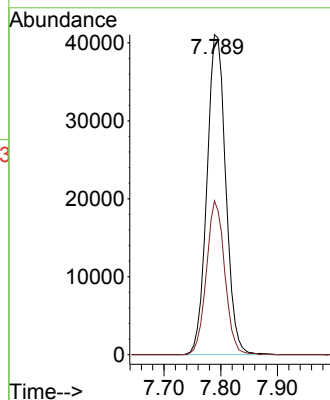
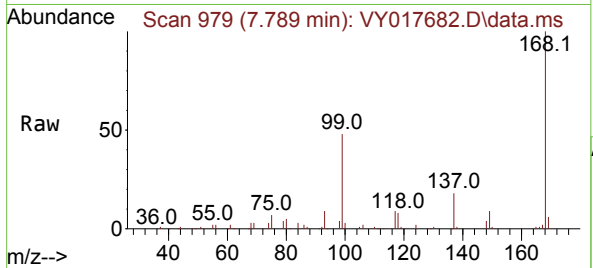




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017682.D
Acq: 15 Mar 2024 18:56

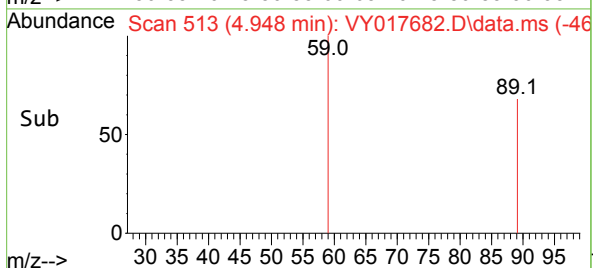
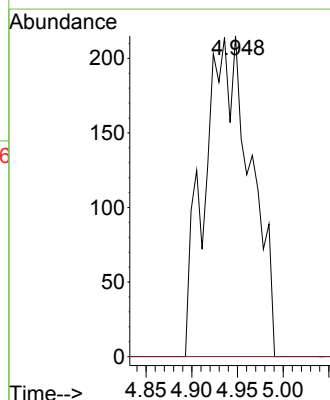
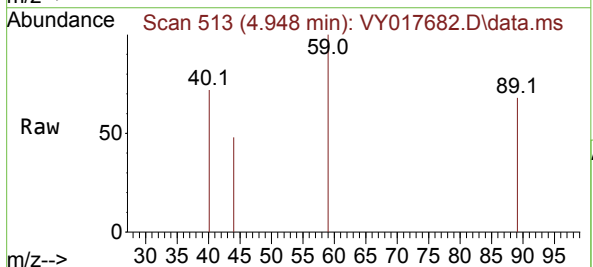
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

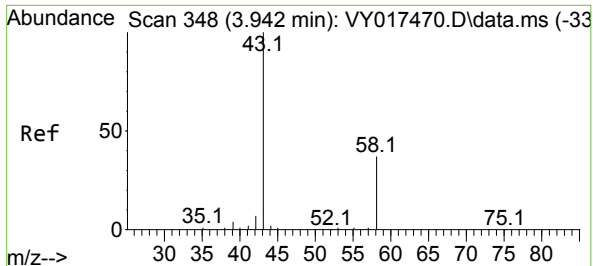
Tgt Ion:168 Resp: 94736
Ion Ratio Lower Upper
168 100
99 48.1 39.1 58.7



#11
Tert butyl alcohol
Concen: 9.939 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY017682.D
Acq: 15 Mar 2024 18:56

Tgt Ion: 59 Resp: 758
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 2.406 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY017682.D

Acq: 15 Mar 2024 18:56

Instrument :

MSVOA_Y

ClientSampleId :

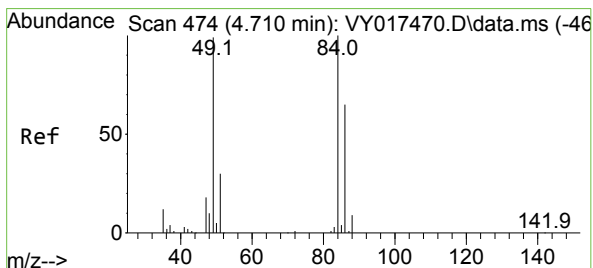
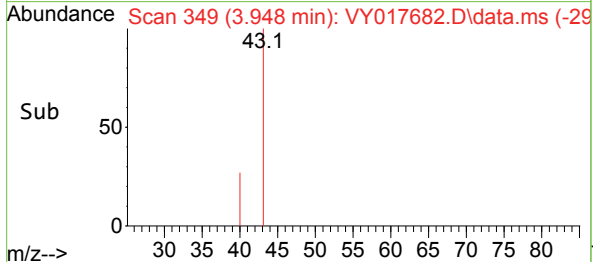
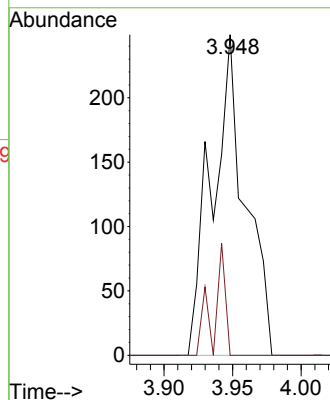
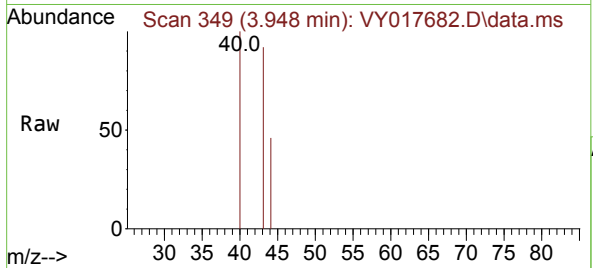
SB-02-0-2.0

Tgt Ion: 43 Resp: 419

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY017682.D

Acq: 15 Mar 2024 18:56

Tgt Ion: 84 Resp: 4245

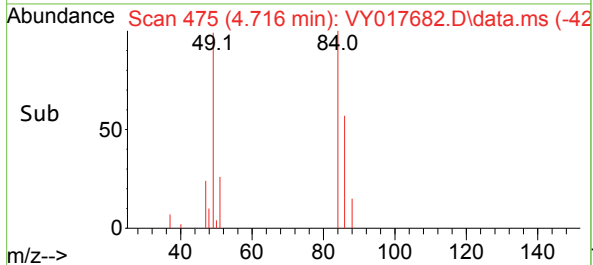
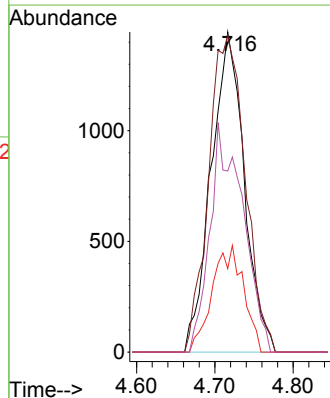
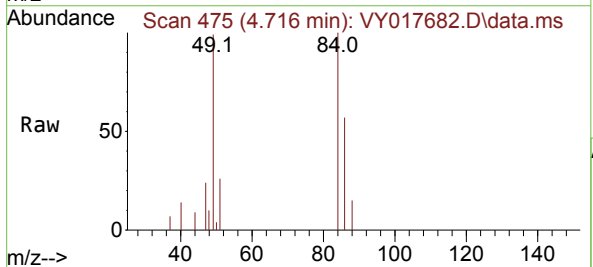
Ion Ratio Lower Upper

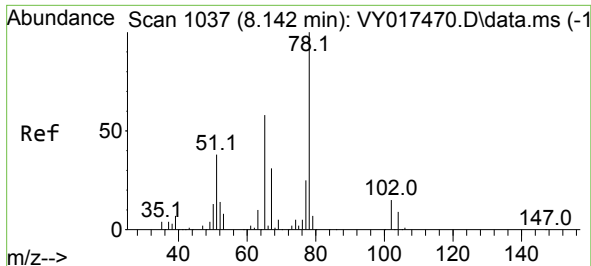
84 100

49 99.0 84.4 126.6

51 26.1 26.0 39.0

86 56.6 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 52.808 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY017682.D

Acq: 15 Mar 2024 18:56

Instrument :

MSVOA_Y

ClientSampleId :

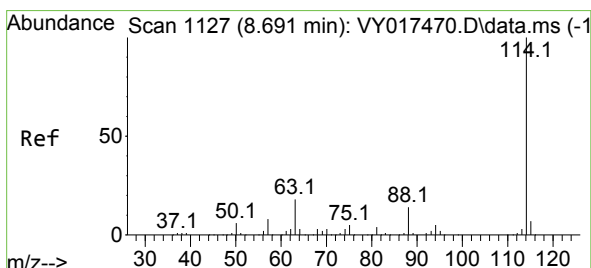
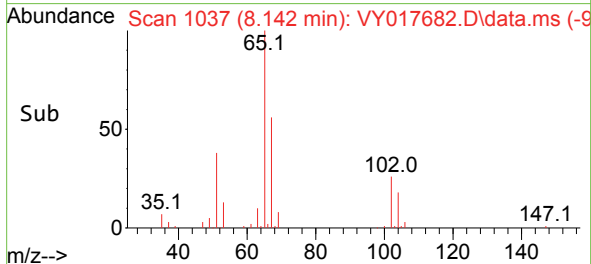
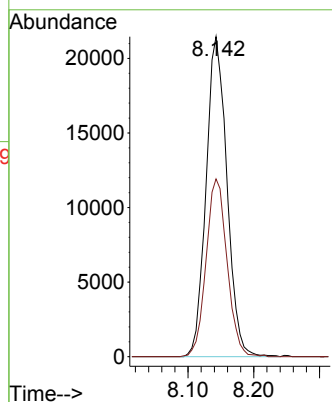
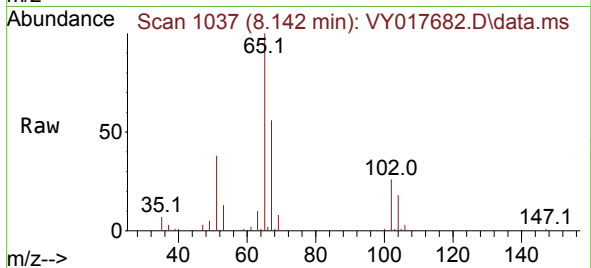
SB-02-0-2.0

Tgt Ion: 65 Resp: 47413

Ion Ratio Lower Upper

65 100

67 55.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017682.D

Acq: 15 Mar 2024 18:56

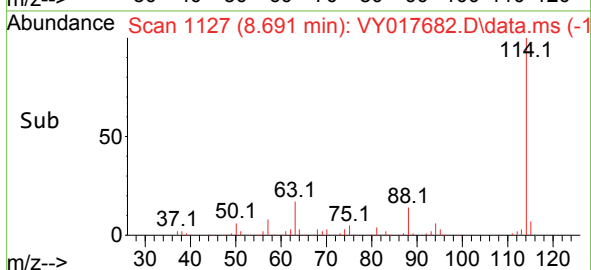
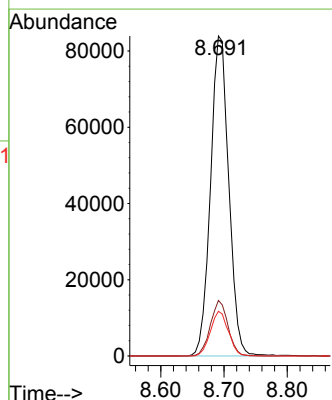
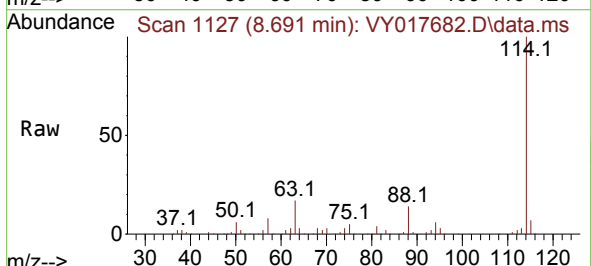
Tgt Ion: 114 Resp: 168086

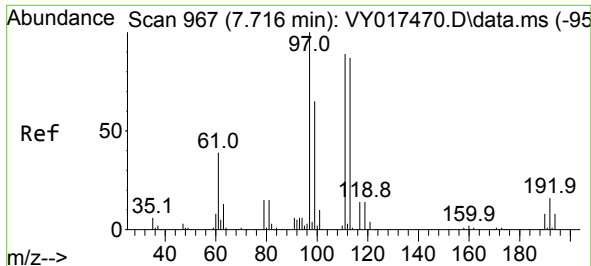
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 14.0 0.0 27.2

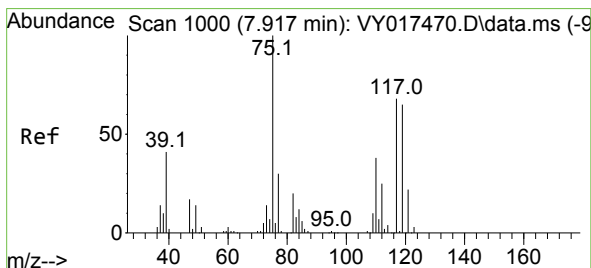
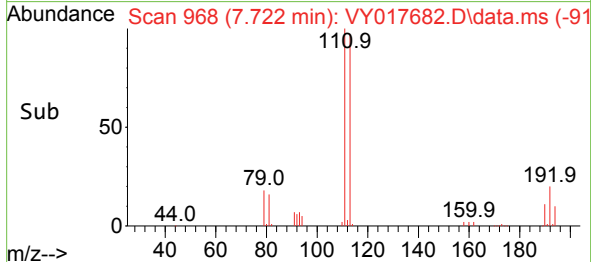
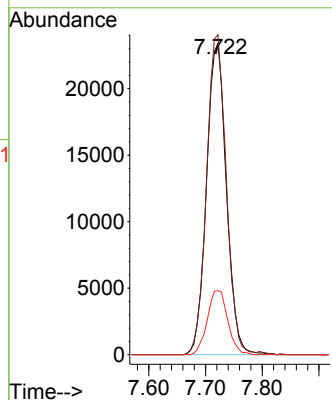
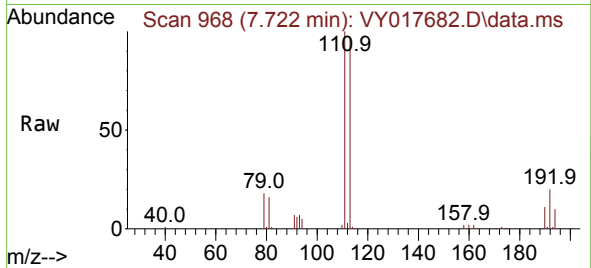




#35
Dibromofluoromethane
Concen: 48.760 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY017682.D
Acq: 15 Mar 2024 18:56

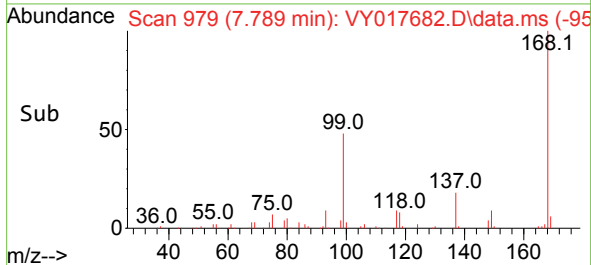
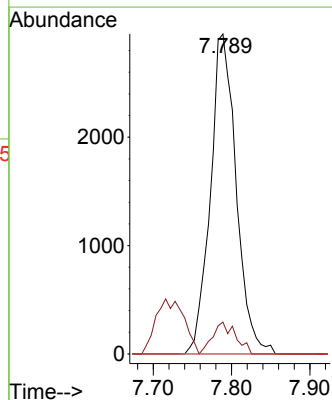
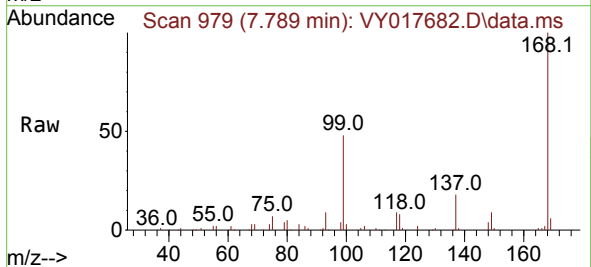
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

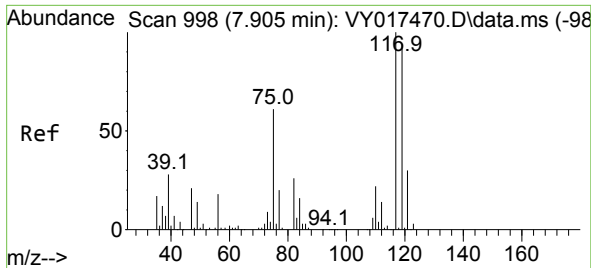
Tgt Ion:113 Resp: 57111
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 21.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.281 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017682.D
Acq: 15 Mar 2024 18:56

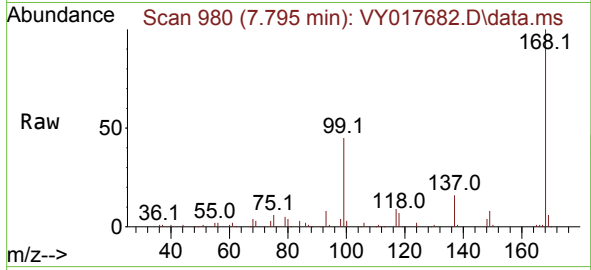
Tgt Ion: 75 Resp: 6766
Ion Ratio Lower Upper
75 100
110 8.8 19.0 57.0#
77 0.0 25.3 37.9#



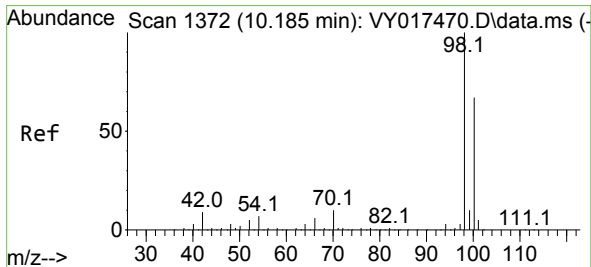
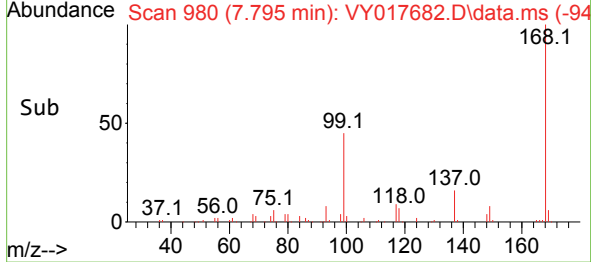
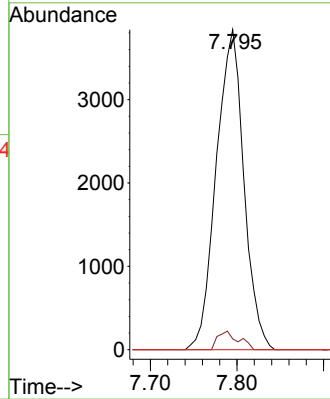


#38
Carbon Tetrachloride
Concen: 5.369 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017682.D
Acq: 15 Mar 2024 18:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

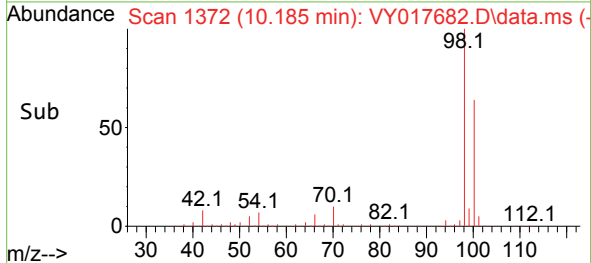
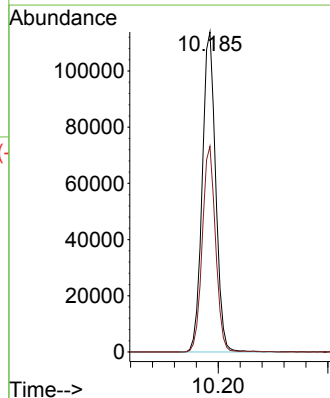
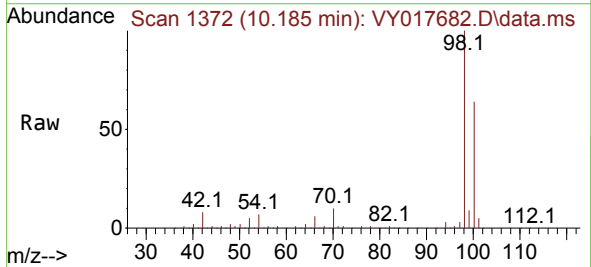


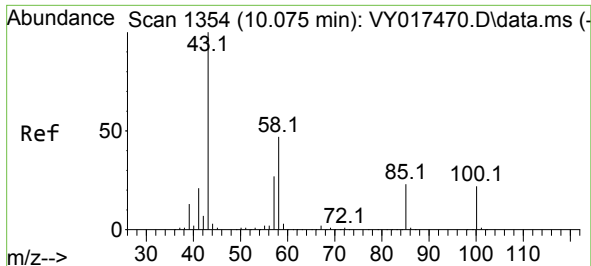
Tgt Ion:117 Resp: 8503
Ion Ratio Lower Upper
117 100
119 3.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.088 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017682.D
Acq: 15 Mar 2024 18:56

Tgt Ion: 98 Resp: 192835
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

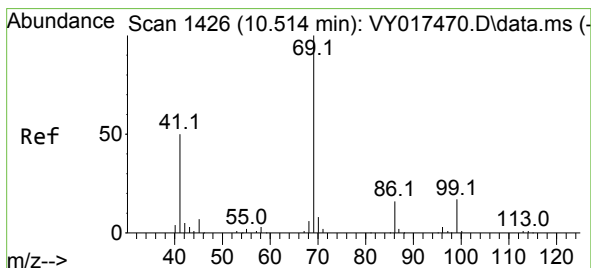
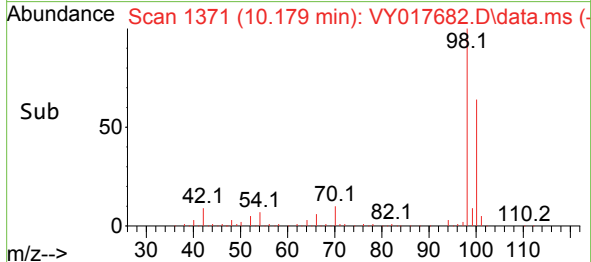
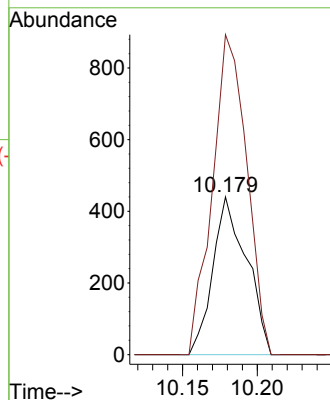
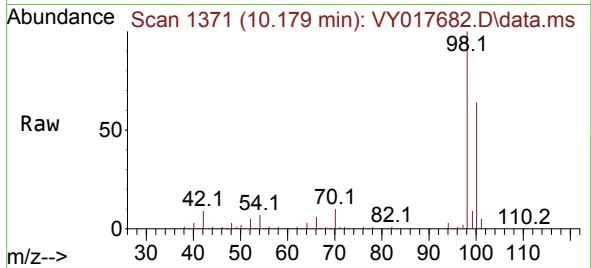




#51
4-Methyl-2-Pentanone
Concen: 1.130 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017682.D
Acq: 15 Mar 2024 18:56

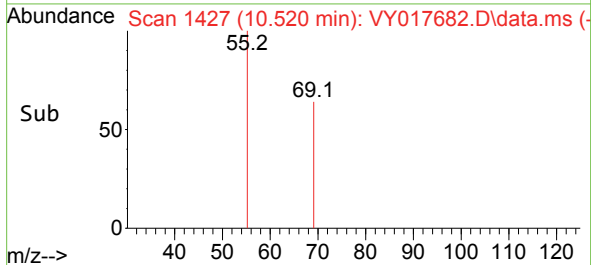
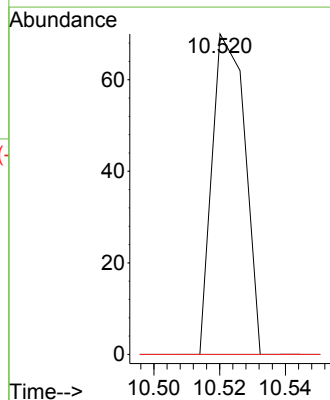
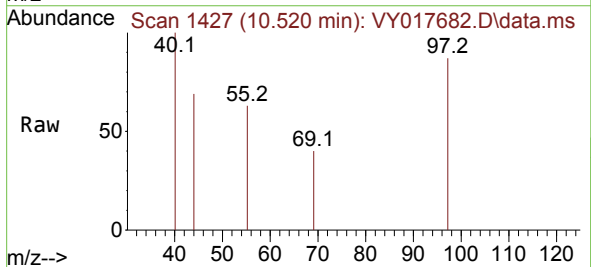
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MSVOA_Y
ClientSampleId :
SB-02-0-2.0

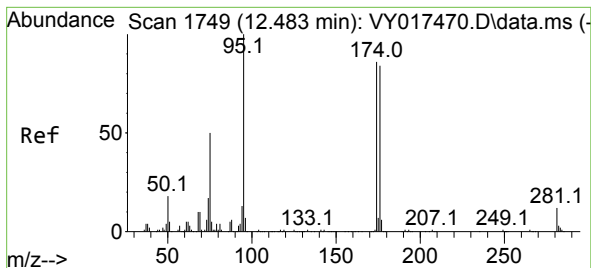
Tgt Ion: 43 Resp: 691
Ion Ratio Lower Upper
43 100
58 207.2 35.7 53.5#



#56
Ethyl methacrylate
Concen: 2.578 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY017682.D
Acq: 15 Mar 2024 18:56

Tgt Ion: 69 Resp: 48
Ion Ratio Lower Upper
69 100
41 0.0 42.3 63.5#
39 0.0 22.9 34.3#

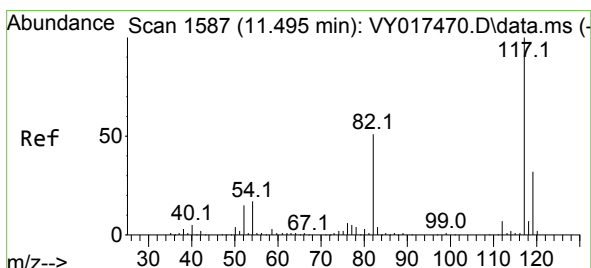
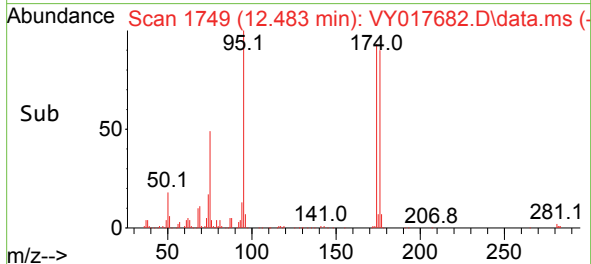
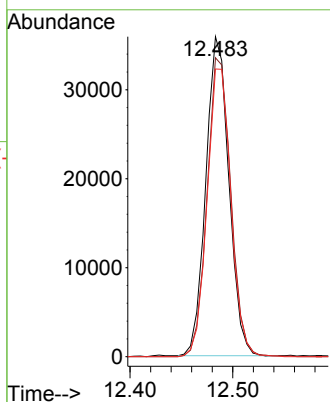
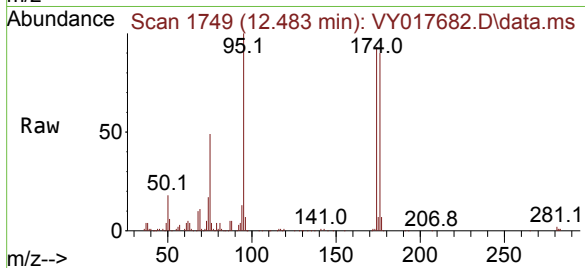




#62
4-Bromofluorobenzene
Concen: 43.472 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017682.D
Acq: 15 Mar 2024 18:56

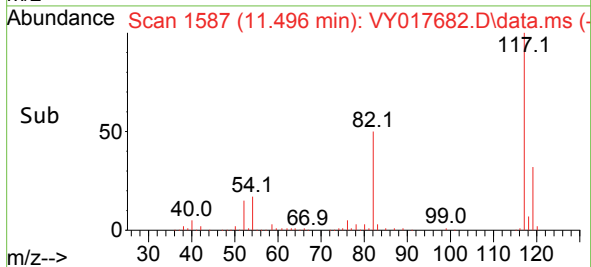
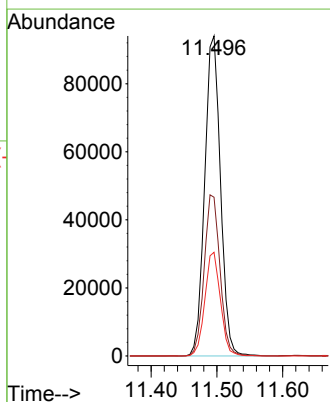
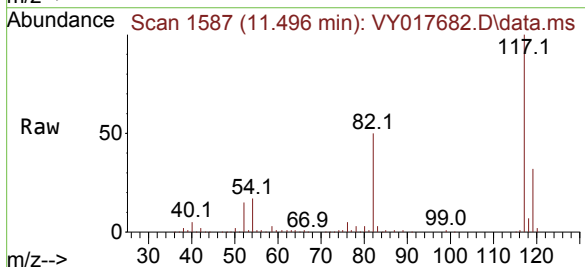
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

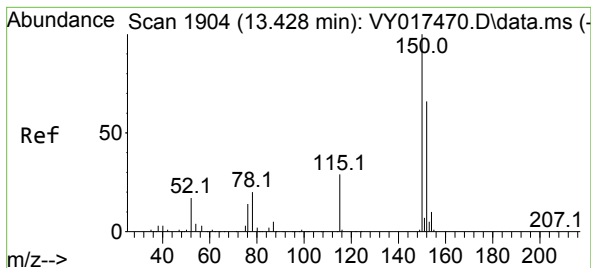
Tgt Ion:	95	Resp:	55949
Ion	Ratio	Lower	Upper
95	100		
174	96.5	0.0	175.6
176	93.3	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017682.D
Acq: 15 Mar 2024 18:56

Tgt Ion:	117	Resp:	157289
Ion	Ratio	Lower	Upper
117	100		
82	49.6	42.4	63.6
119	32.4	25.9	38.9

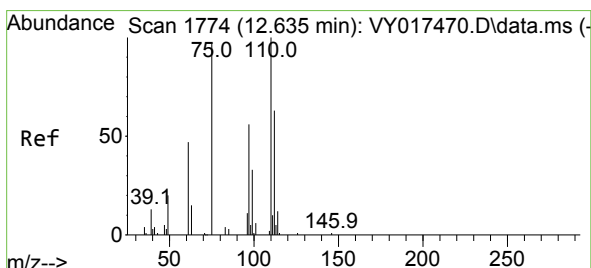
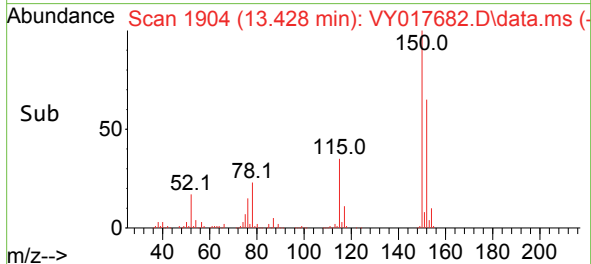
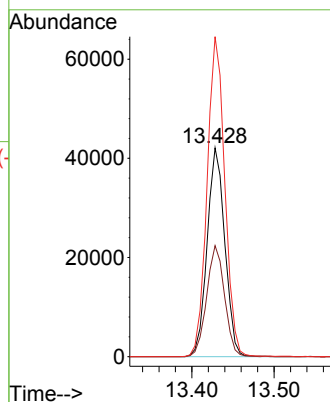
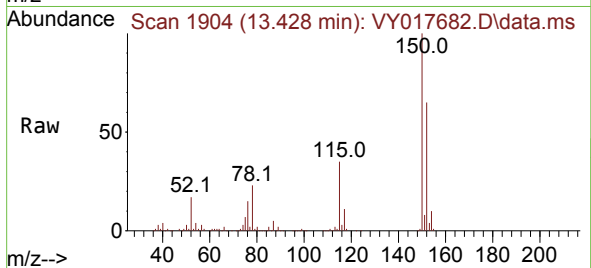




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY017682.D
 Acq: 15 Mar 2024 18:56

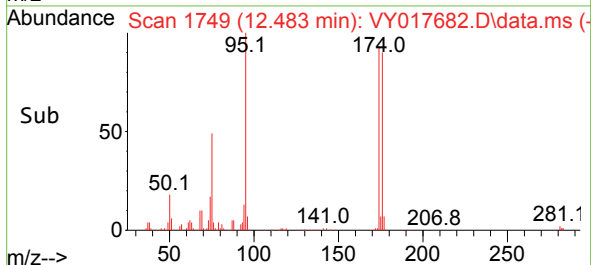
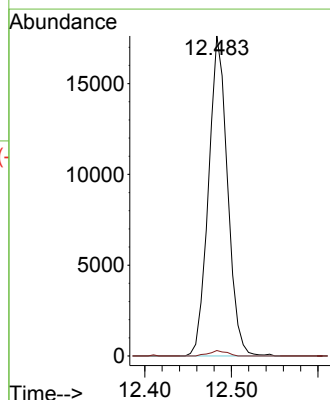
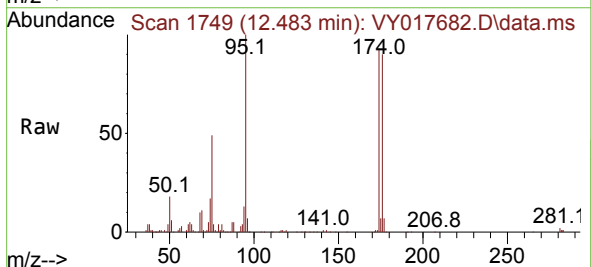
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-0-2.0

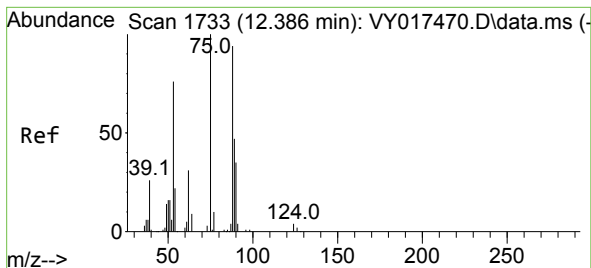
Tgt Ion:152 Resp: 62883
 Ion Ratio Lower Upper
 152 100
 115 53.8 28.2 84.7
 150 153.7 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 45.082 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY017682.D
 Acq: 15 Mar 2024 18:56

Tgt Ion: 75 Resp: 26936
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

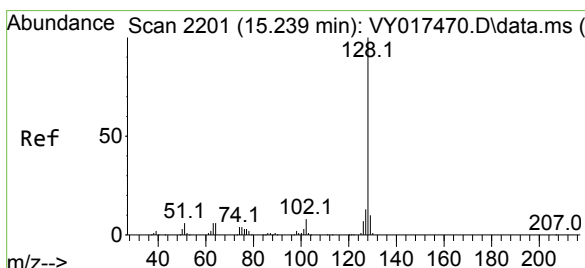
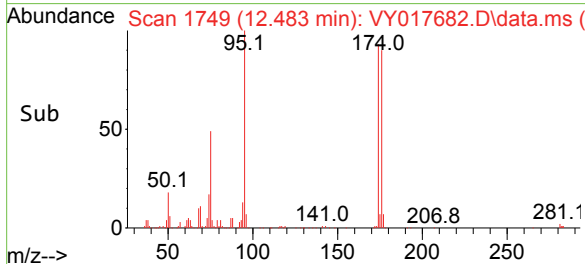
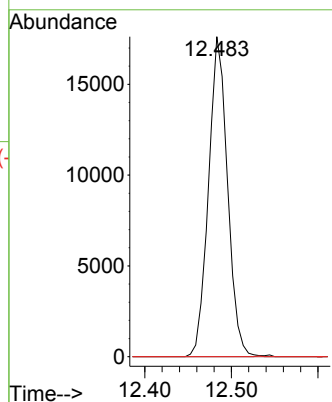
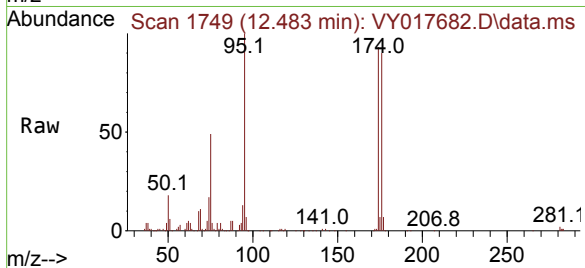




#81
trans-1,4-Dichloro-2-butene
Concen: 103.589 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017682.D
Acq: 15 Mar 2024 18:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

Tgt Ion: 75 Resp: 26936
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 3.974 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY017682.D
Acq: 15 Mar 2024 18:56

Tgt Ion: 128 Resp: 127
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

