

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017113.D
 Acq On : 26 Jan 2024 11:07
 Operator : SY/MD
 Sample : VY0126SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0126SBL01

Quant Time: Jan 29 04:14:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

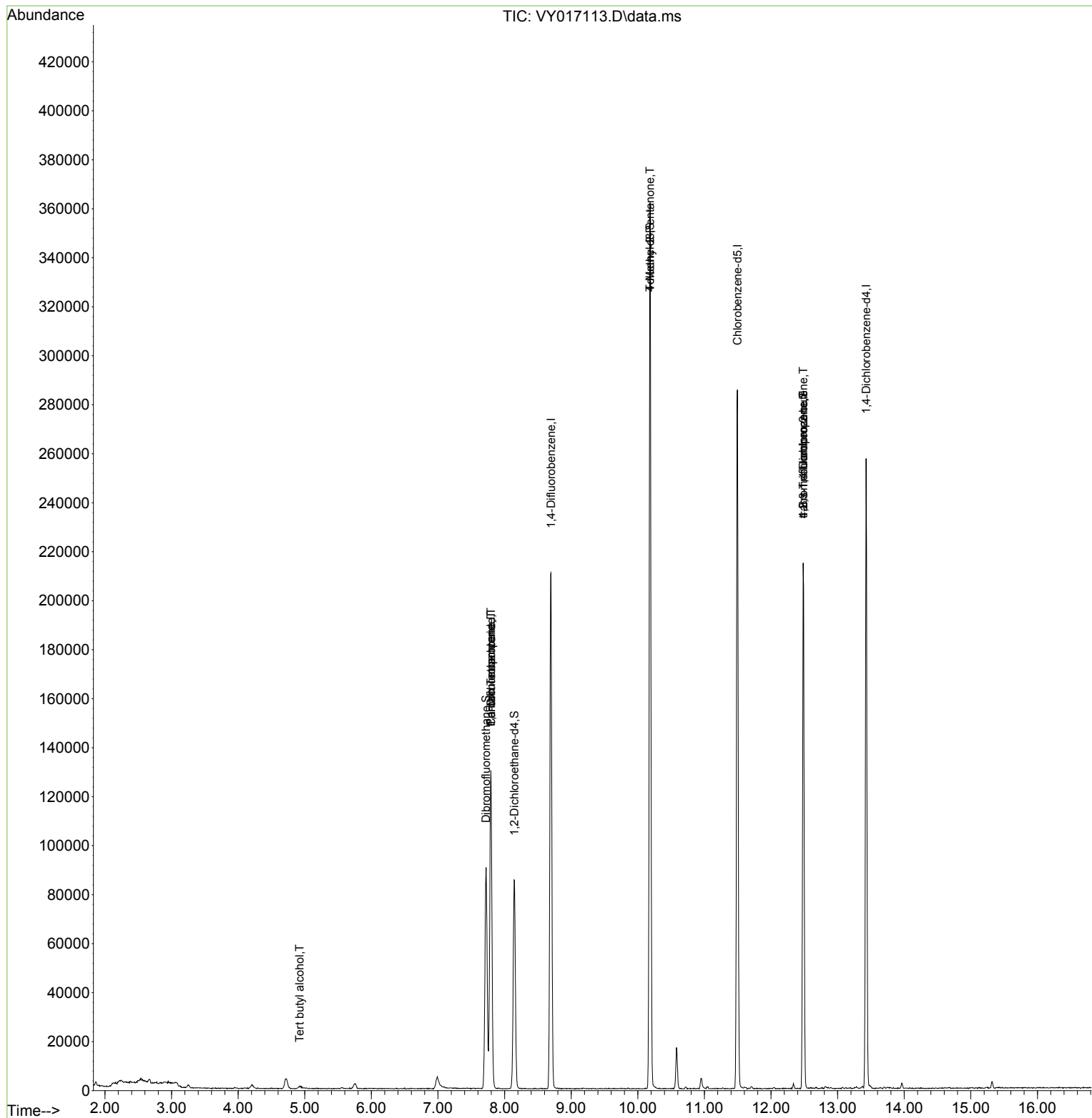
Internal Standards						
1) Pentafluorobenzene	7.795	168	99647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	183868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	157644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	61936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63862	65.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.560%	
35) Dibromofluoromethane	7.722	113	64580	58.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.380%	
50) Toluene-d8	10.185	98	233008	55.591	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.180%	
62) 4-Bromofluorobenzene	12.483	95	67973	52.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.280%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	80	Below Cal	#	63
3) Chloromethane	2.119	50	176	Below Cal	#	41
4) Vinyl Chloride	2.259	62	191	Below Cal	#	43
5) Bromomethane	2.662	94	455	Below Cal		88
7) Trichlorofluoromethane	3.131	101	122	Below Cal		97
11) Tert butyl alcohol	4.924	59	525	6.897 ug/l	#	75
16) Acetone	3.948	43	437	Below Cal	#	85
20) Methylene Chloride	4.722	84	2954	Below Cal	#	83
25) 2-Butanone	6.990	43	362	Below Cal	#	48
31) Cyclohexane	7.789	56	2201	Below Cal	#	1
36) 1,1-Dichloropropene	7.795	75	8815	4.828 ug/l	#	49
38) Carbon Tetrachloride	7.795	117	10147	5.671 ug/l	#	18
51) 4-Methyl-2-Pentanone	10.185	43	918	1.177 ug/l	#	1
76) 1,2,3-Trichloropropane	12.483	75	35276	46.923 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35276	121.479 ug/l	#	12

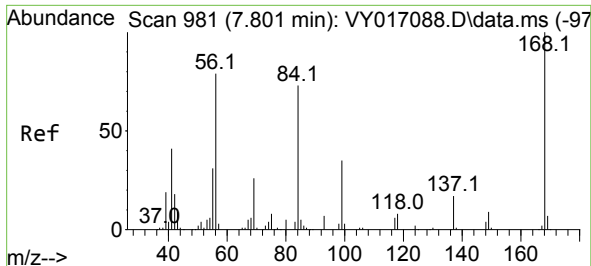
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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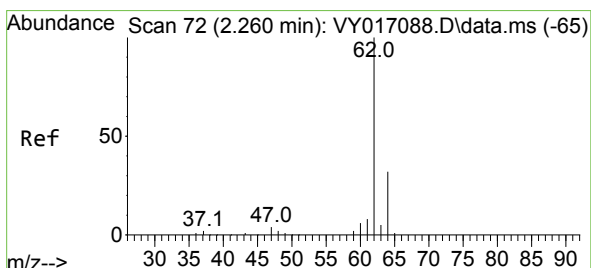
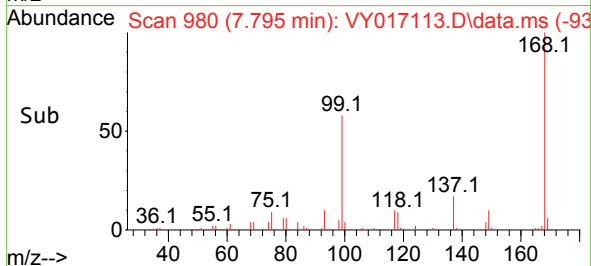
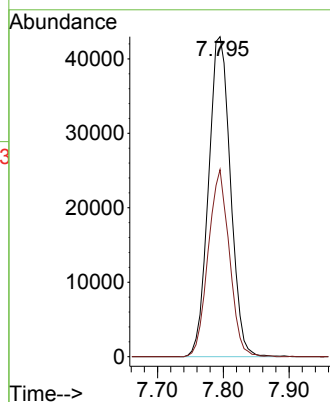
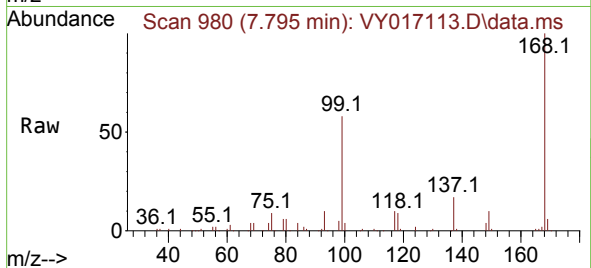




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017113.D
Acq: 26 Jan 2024 11:07

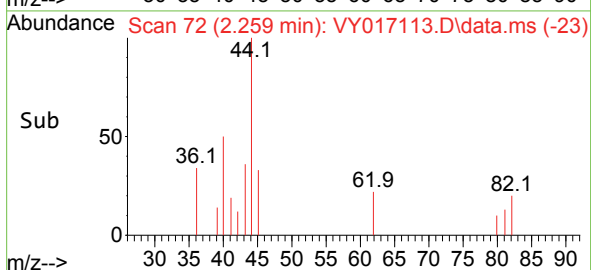
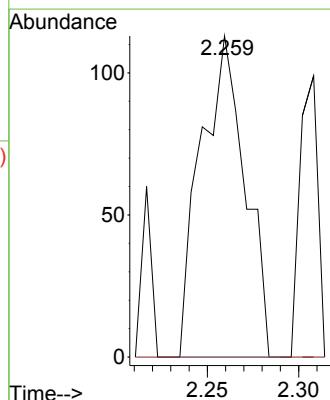
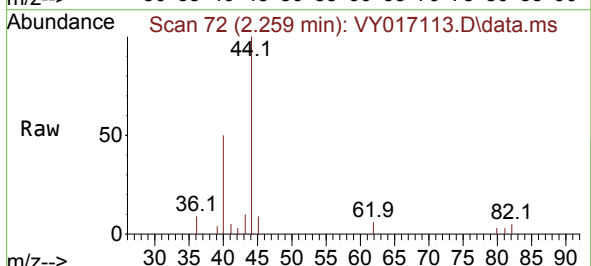
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBL01

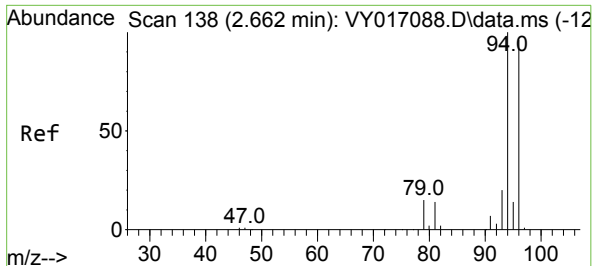
Tgt Ion:168 Resp: 99647
Ion Ratio Lower Upper
168 100
99 58.5 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY017113.D
Acq: 26 Jan 2024 11:07

Tgt Ion: 62 Resp: 191
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#

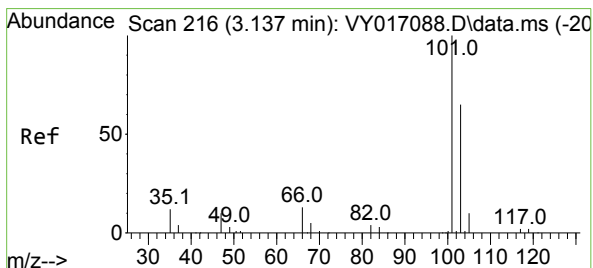
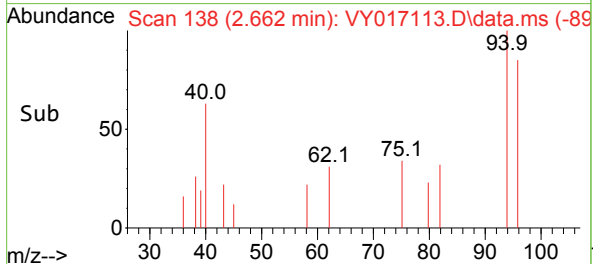
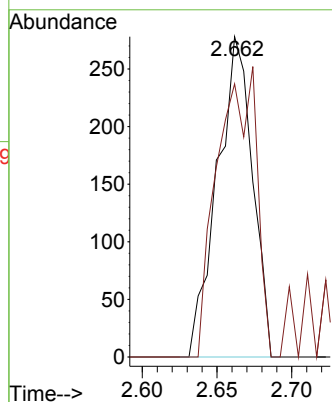
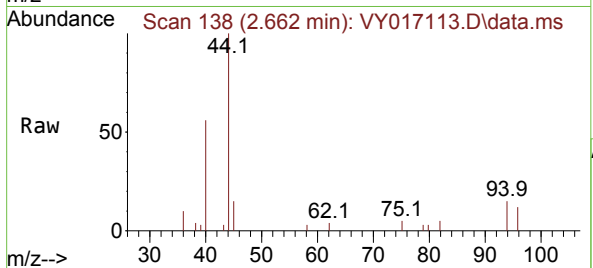




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017113.D
Acq: 26 Jan 2024 11:07

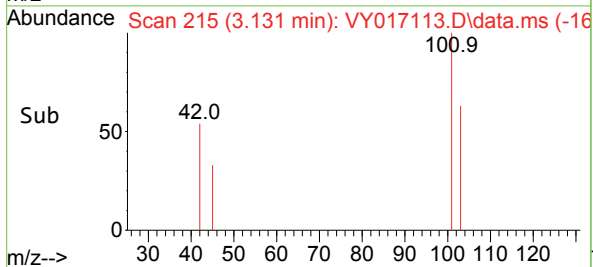
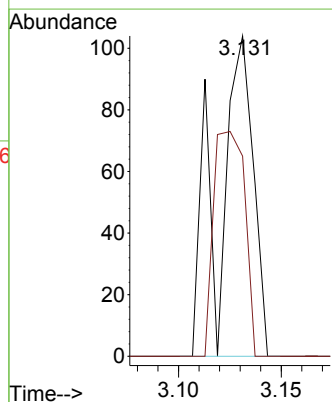
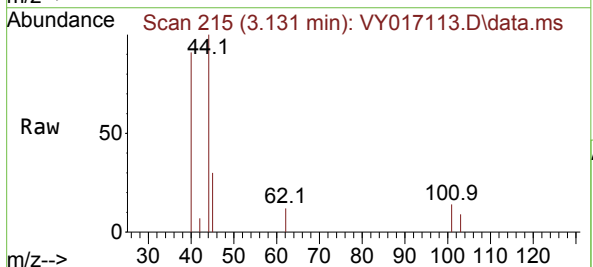
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBL01

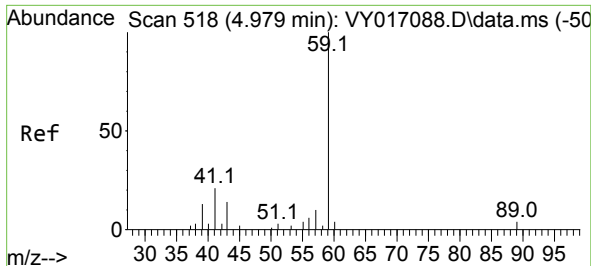
Tgt Ion: 94 Resp: 455
Ion Ratio Lower Upper
94 100
96 85.3 77.3 115.9



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.131 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY017113.D
Acq: 26 Jan 2024 11:07

Tgt Ion: 101 Resp: 122
Ion Ratio Lower Upper
101 100
103 62.5 51.9 77.9

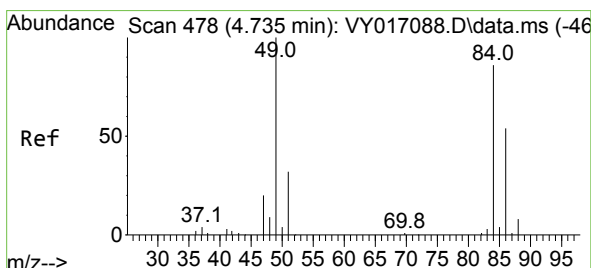
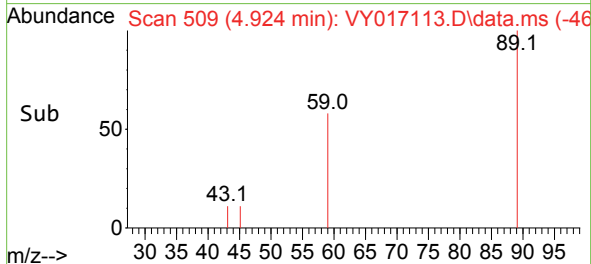
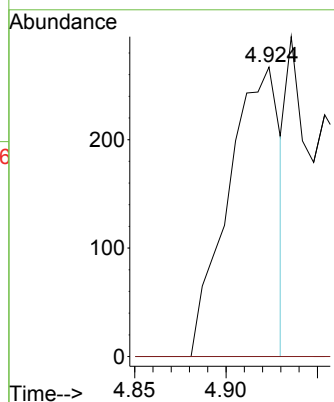
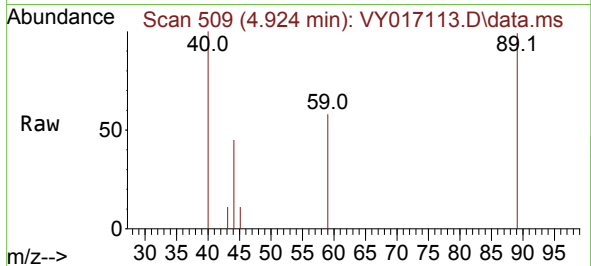




#11
Tert butyl alcohol
Concen: 6.897 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.042 min
Lab File: VY017113.D
Acq: 26 Jan 2024 11:07

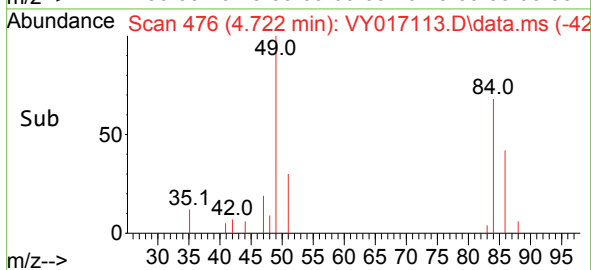
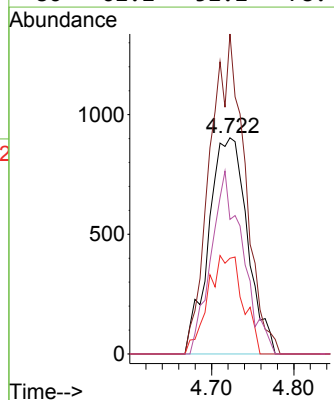
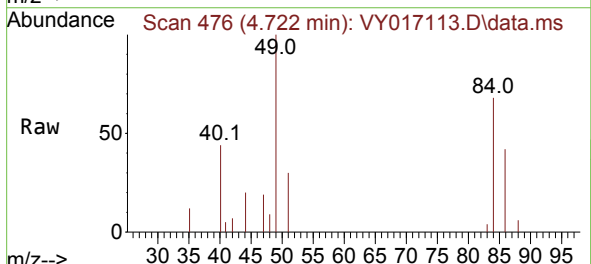
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBL01

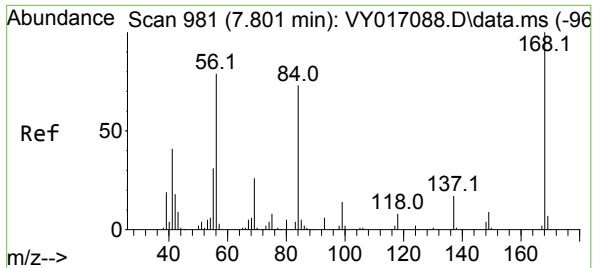
Tgt Ion: 59 Resp: 525
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY017113.D
Acq: 26 Jan 2024 11:07

Tgt Ion: 84 Resp: 2954
Ion Ratio Lower Upper
84 100
49 148.1 95.2 142.8#
51 44.3 29.9 44.9
86 62.2 52.2 78.4

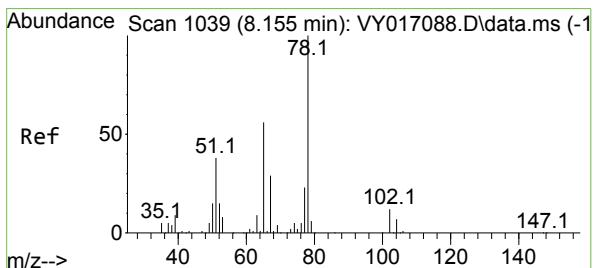
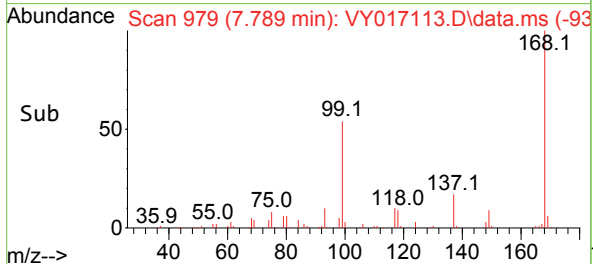
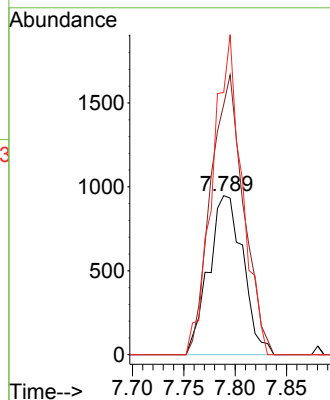
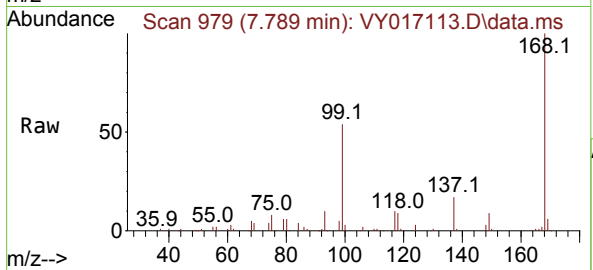




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017113.D
Acq: 26 Jan 2024 11:07

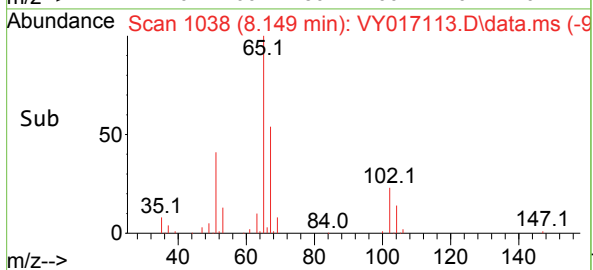
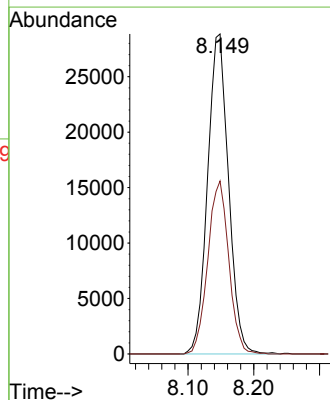
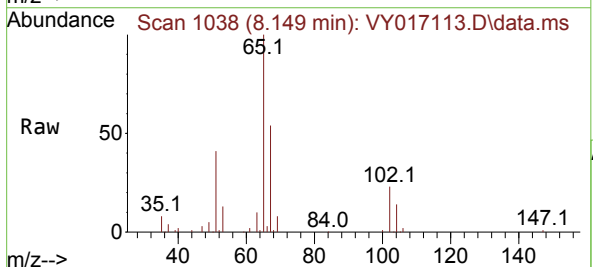
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBL01

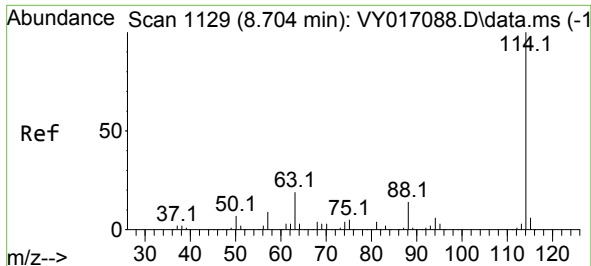
Tgt Ion: 56 Resp: 2201
Ion Ratio Lower Upper
56 100
69 157.3 27.0 40.6#
84 164.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 65.778 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY017113.D
Acq: 26 Jan 2024 11:07

Tgt Ion: 65 Resp: 63862
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017113.D

Acq: 26 Jan 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0126SBL01

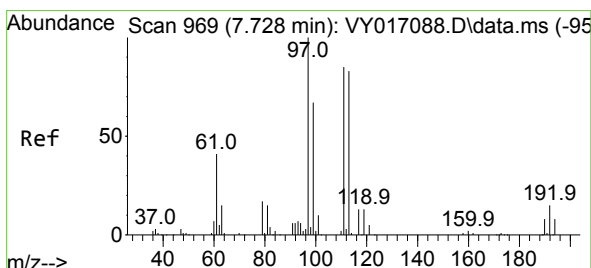
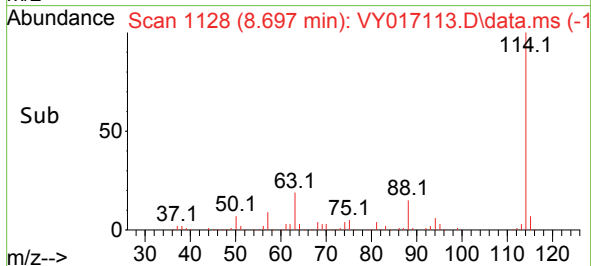
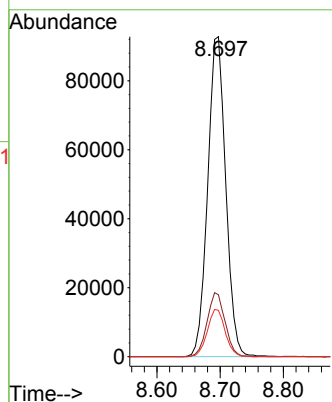
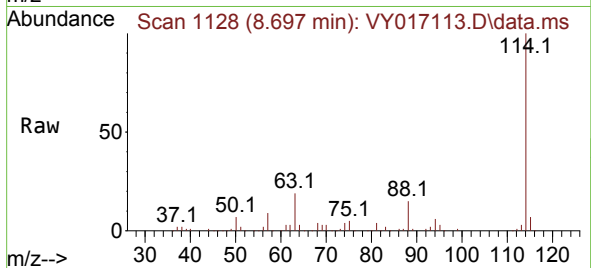
Tgt Ion:114 Resp: 183868

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 58.195 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017113.D

Acq: 26 Jan 2024 11:07

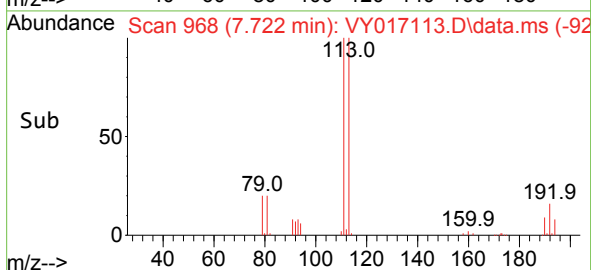
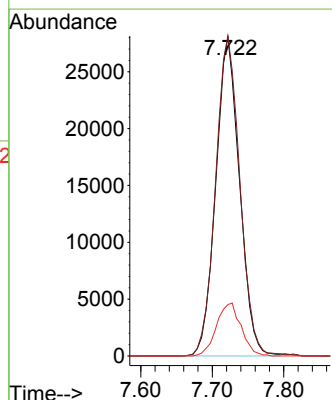
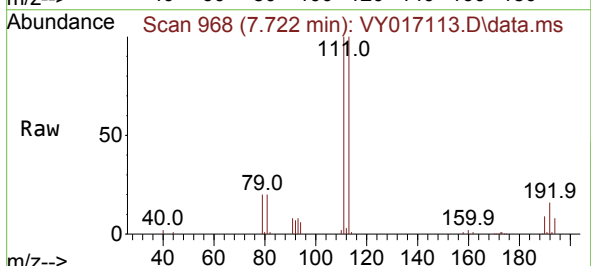
Tgt Ion:113 Resp: 64580

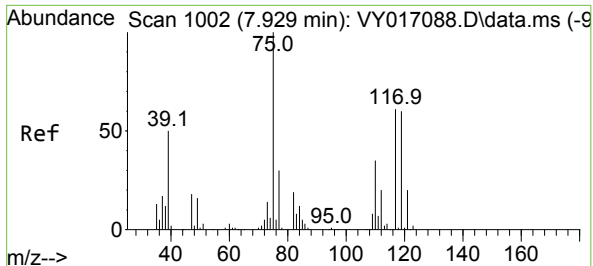
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 17.2 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.828 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.134 min

Lab File: VY017113.D

Acq: 26 Jan 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0126SBL01

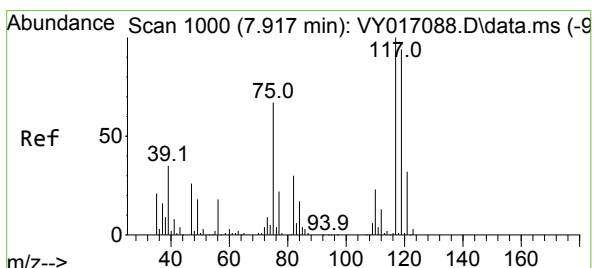
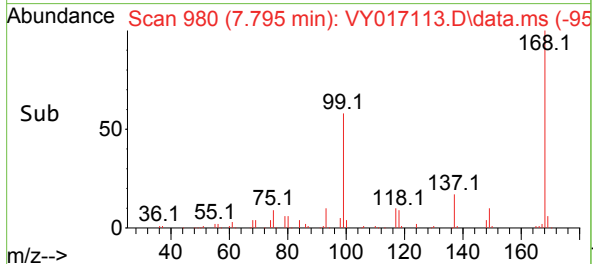
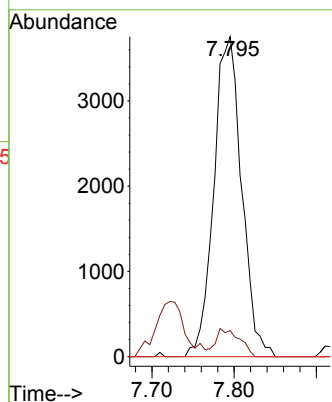
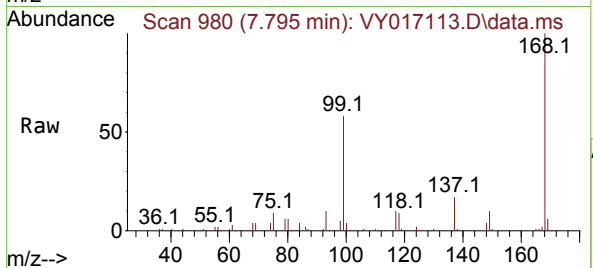
Tgt Ion: 75 Resp: 8815

Ion Ratio Lower Upper

75 100

110 7.6 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.671 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.122 min

Lab File: VY017113.D

Acq: 26 Jan 2024 11:07

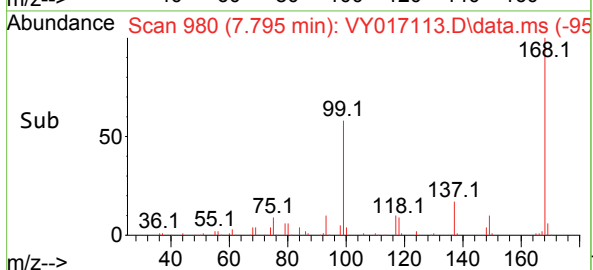
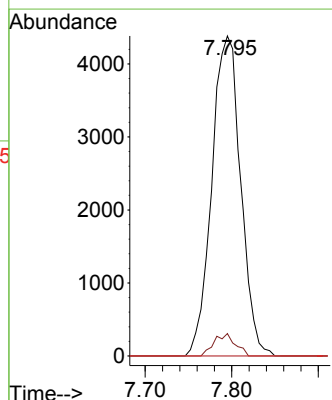
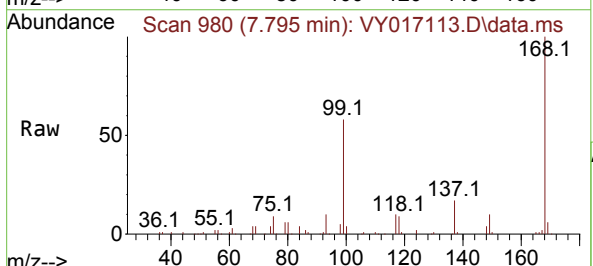
Tgt Ion: 117 Resp: 10147

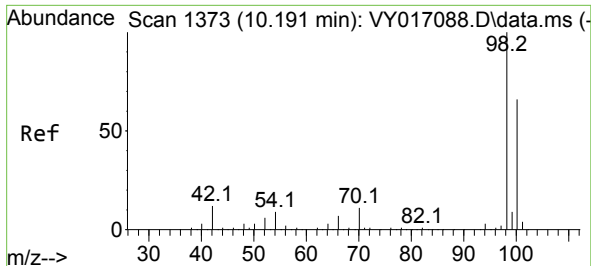
Ion Ratio Lower Upper

117 100

119 7.0 76.0 114.0#

121 0.0 24.2 36.2#

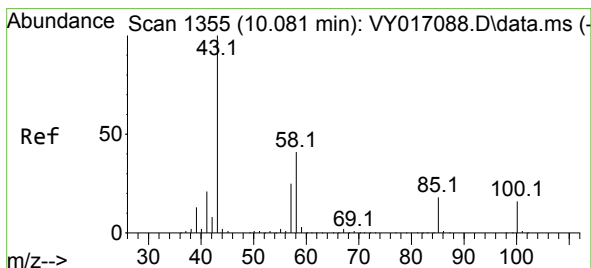
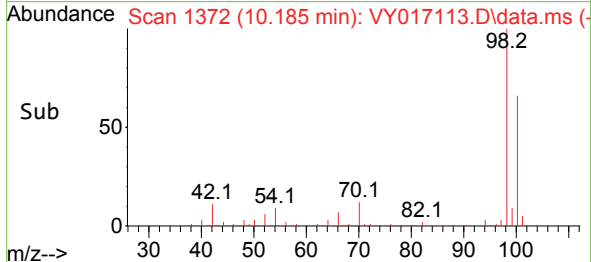
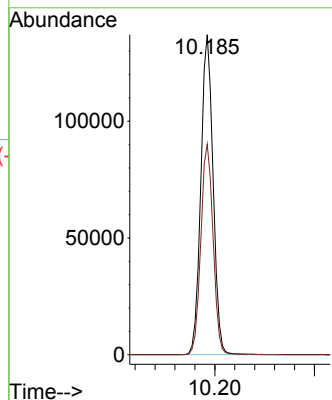
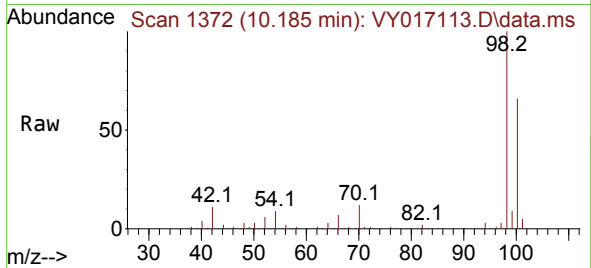




#50
Toluene-d8
Concen: 55.591 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY017113.D
Acq: 26 Jan 2024 11:07

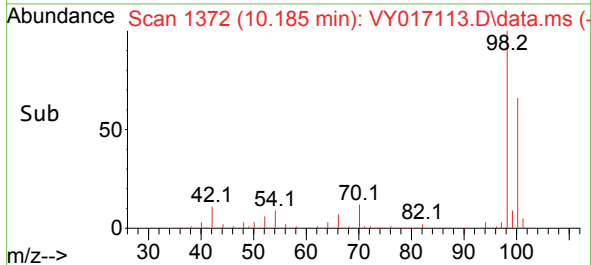
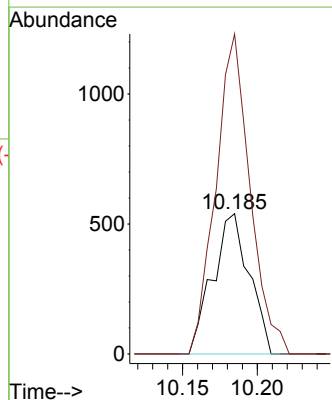
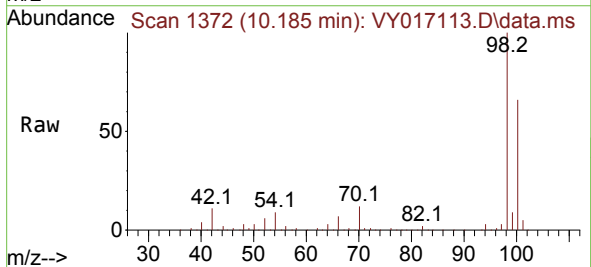
Instrument :
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VY0126SBL01

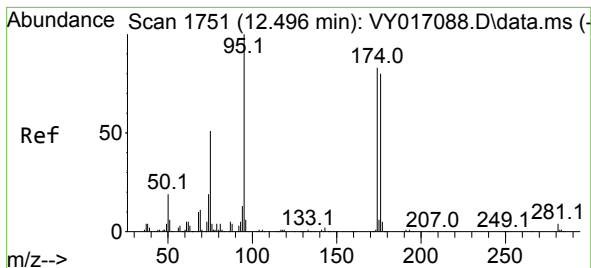
Tgt Ion: 98 Resp: 233008
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.177 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.104 min
Lab File: VY017113.D
Acq: 26 Jan 2024 11:07

Tgt Ion: 43 Resp: 918
Ion Ratio Lower Upper
43 100
58 213.3 32.2 48.2#

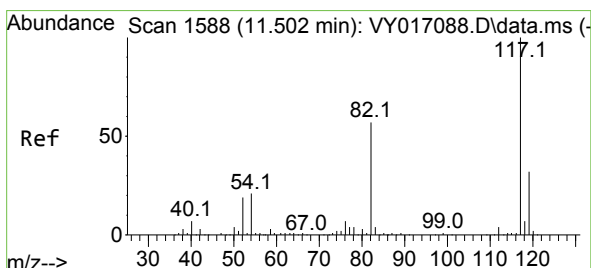
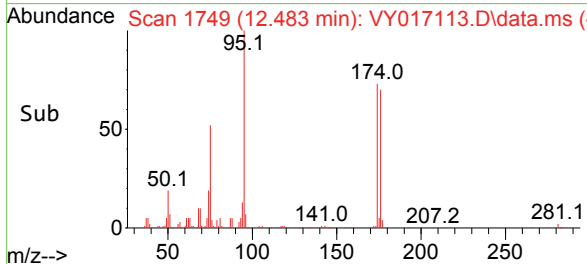
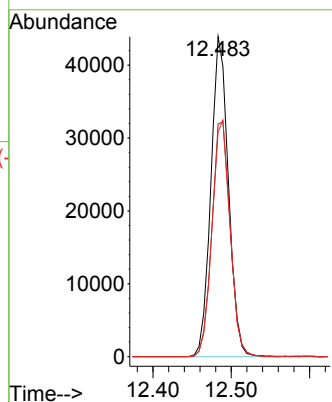
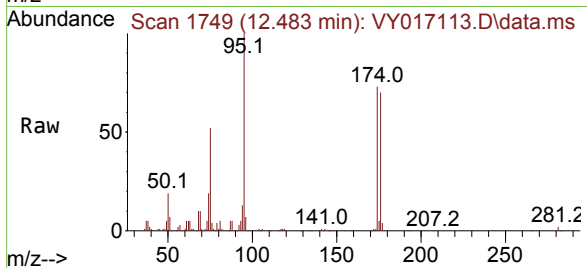




#62
4-Bromofluorobenzene
Concen: 52.643 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017113.D
Acq: 26 Jan 2024 11:07

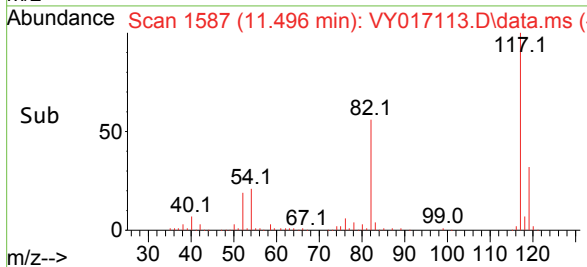
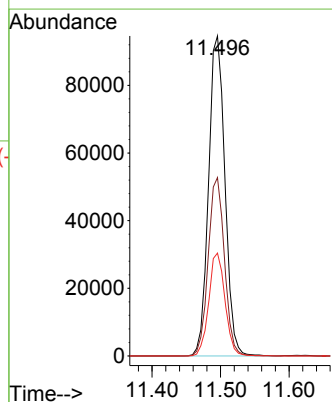
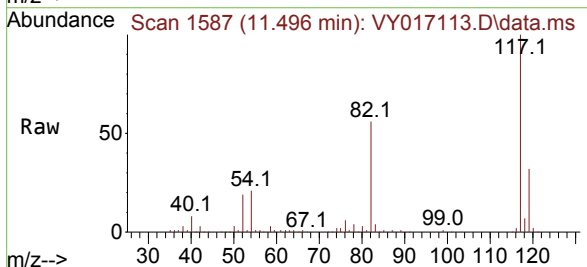
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBL01

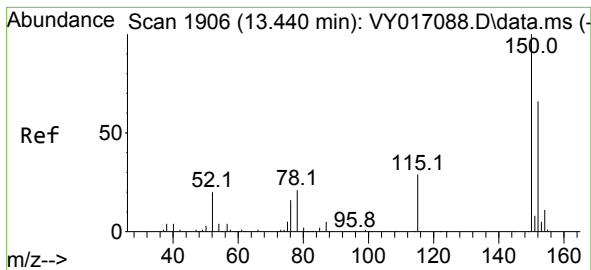
Tgt Ion: 95 Resp: 67973
Ion Ratio Lower Upper
95 100
174 77.5 0.0 160.0
176 75.8 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017113.D
Acq: 26 Jan 2024 11:07

Tgt Ion: 117 Resp: 157644
Ion Ratio Lower Upper
117 100
82 55.8 43.8 65.8
119 32.1 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017113.D

Acq: 26 Jan 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0126SBL01

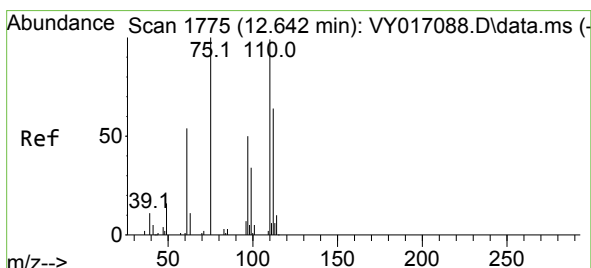
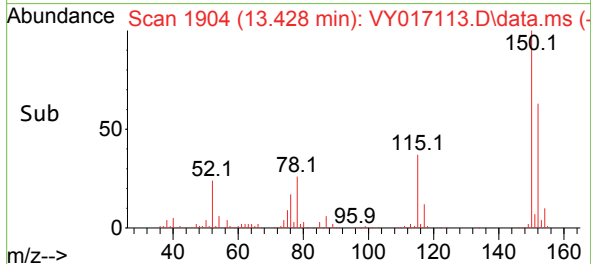
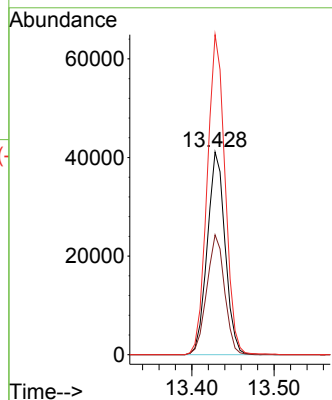
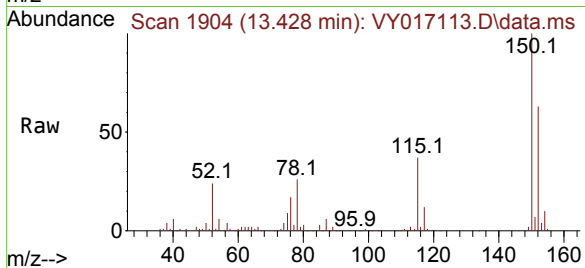
Tgt Ion:152 Resp: 61936

Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 158.2 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 46.923 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.159 min

Lab File: VY017113.D

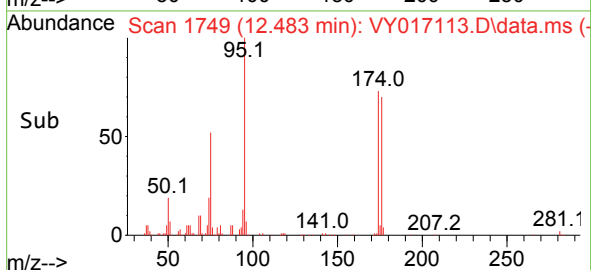
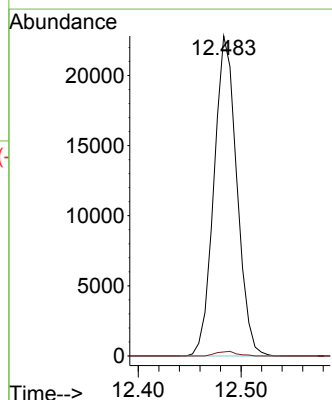
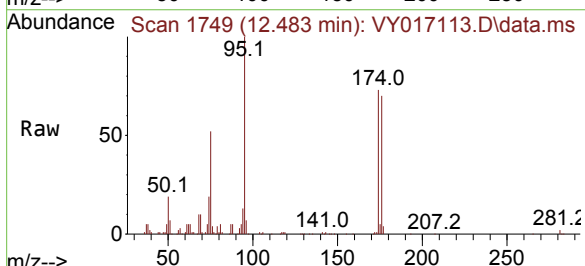
Acq: 26 Jan 2024 11:07

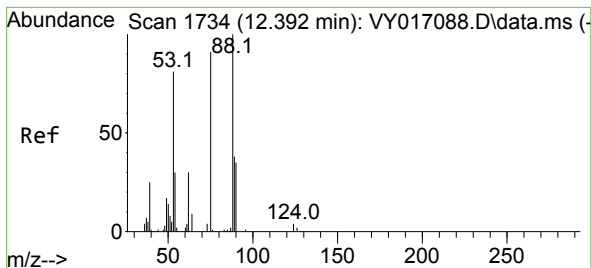
Tgt Ion: 75 Resp: 35276

Ion Ratio Lower Upper

75 100

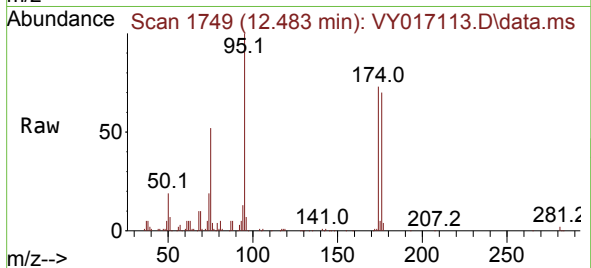
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.479 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY017113.D
 Acq: 26 Jan 2024 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0126SBL01



Tgt Ion: 75 Resp: 35276
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.1 36.5 54.7#

