

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017161.D
 Acq On : 31 Jan 2024 16:51
 Operator : SY/MD
 Sample : P1311-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Jan 31 23:00:27 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)

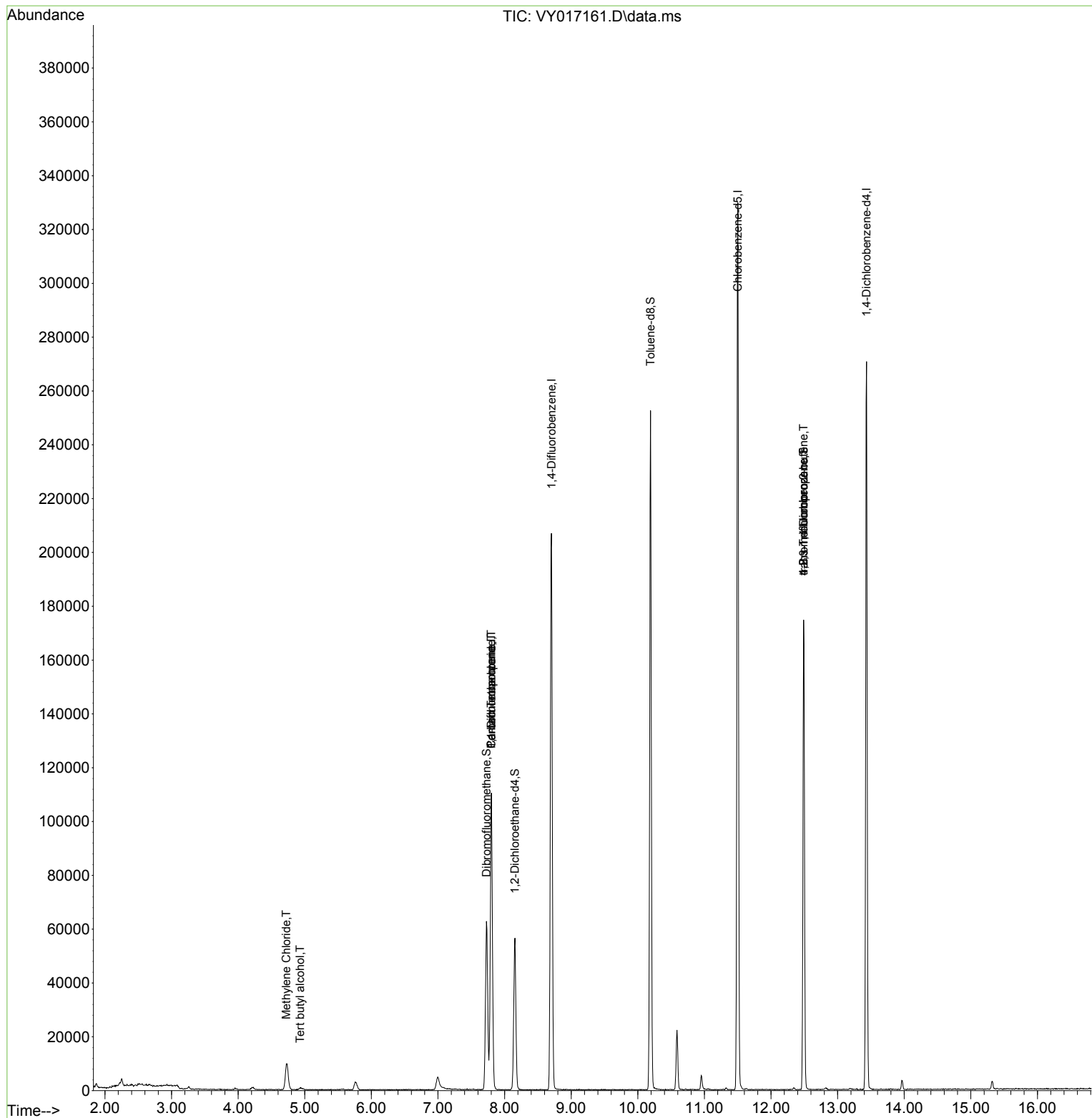
Internal Standards						
1) Pentafluorobenzene	7.801	168	80996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	178978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	179932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	67496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	42101	53.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.700%	
35) Dibromofluoromethane	7.728	113	44948	41.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.220%	
50) Toluene-d8	10.191	98	159599	39.118	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 78.240%	
62) 4-Bromofluorobenzene	12.489	95	51582	41.040	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.080%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	78	Below Cal	#	41
4) Vinyl Chloride	2.265	62	28	Below Cal	#	43
5) Bromomethane	2.668	94	108	Below Cal		92
11) Tert butyl alcohol	4.930	59	779	12.522	ug/l #	75
16) Acetone	3.954	43	621	Below Cal		94
20) Methylene Chloride	4.722	84	7134	2.341	ug/l	98
25) 2-Butanone	6.996	43	455	Below Cal	#	48
31) Cyclohexane	7.807	56	1845	Below Cal	#	1
36) 1,1-Dichloropropene	7.801	75	7436	4.184	ug/l #	49
38) Carbon Tetrachloride	7.801	117	8041	4.617	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	27538	33.613	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	27538	87.020	ug/l #	12

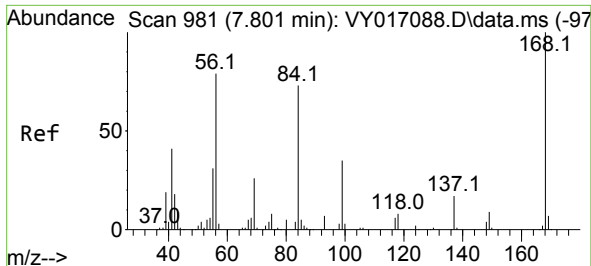
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
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Quant Title : SW846 8260
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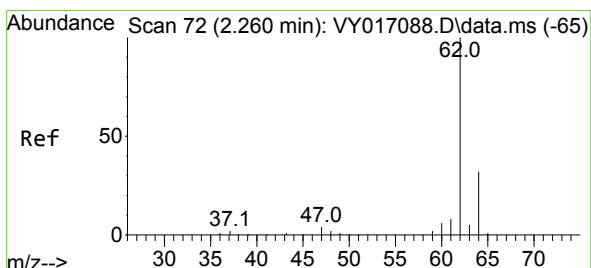
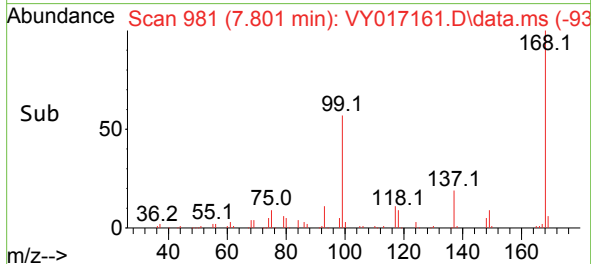
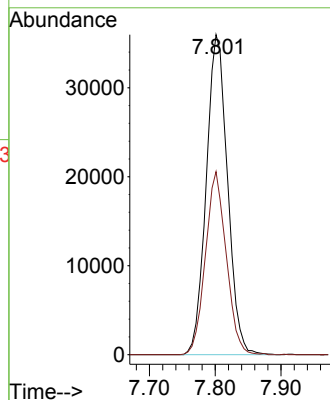
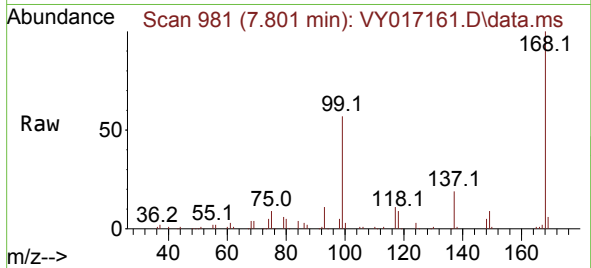




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017161.D
Acq: 31 Jan 2024 16:51

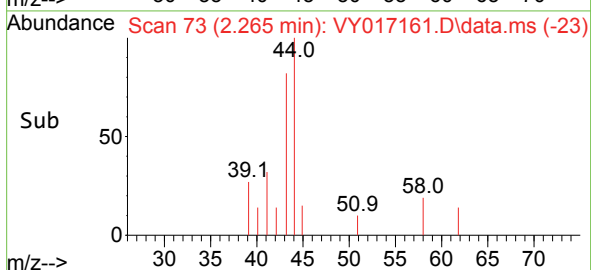
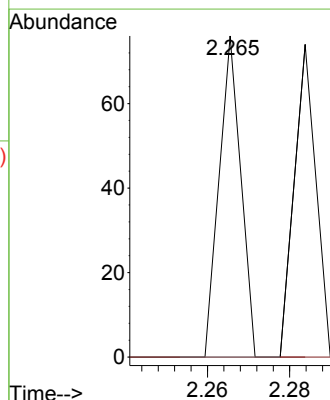
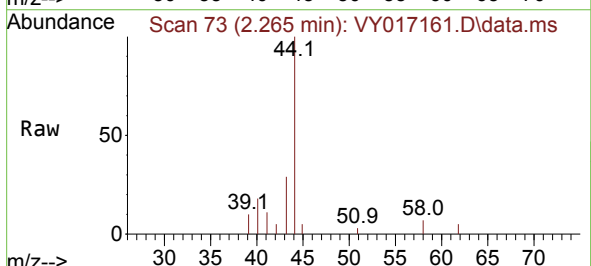
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

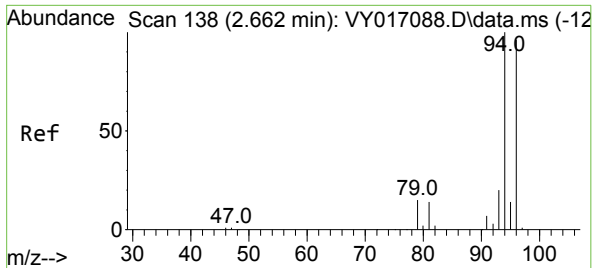
Tgt Ion:168 Resp: 80996
Ion Ratio Lower Upper
168 100
99 57.2 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.265 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY017161.D
Acq: 31 Jan 2024 16:51

Tgt Ion: 62 Resp: 28
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.668 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017161.D

Acq: 31 Jan 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :

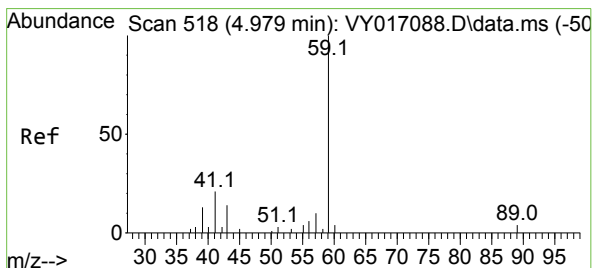
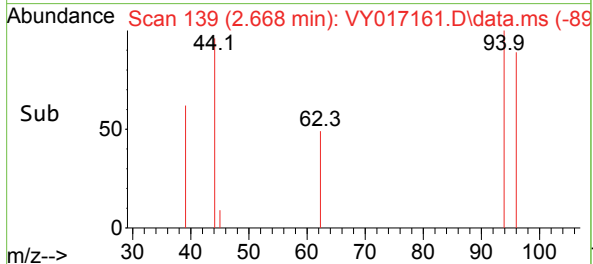
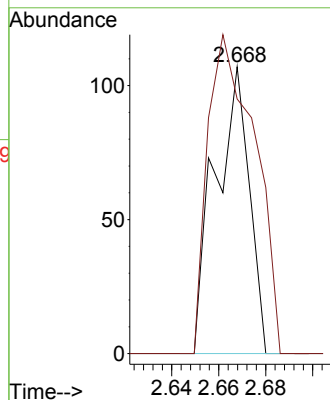
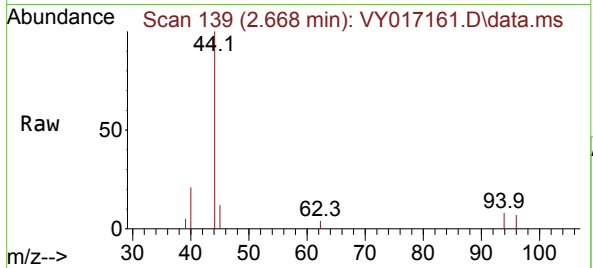
TP-2

Tgt Ion: 94 Resp: 108

Ion Ratio Lower Upper

94 100

96 88.8 77.3 115.9



#11

Tert butyl alcohol

Concen: 12.522 ug/l

RT: 4.930 min Scan# 510

Delta R.T. -0.036 min

Lab File: VY017161.D

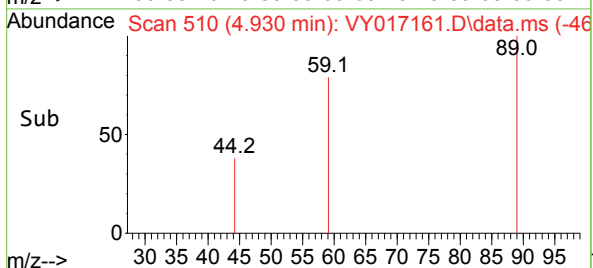
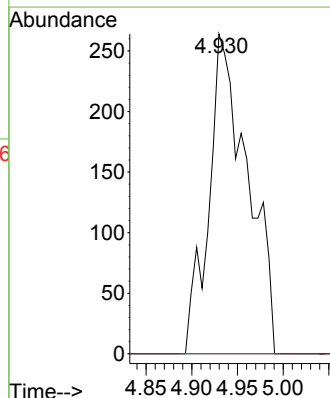
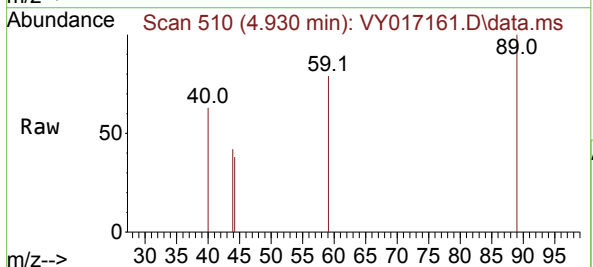
Acq: 31 Jan 2024 16:51

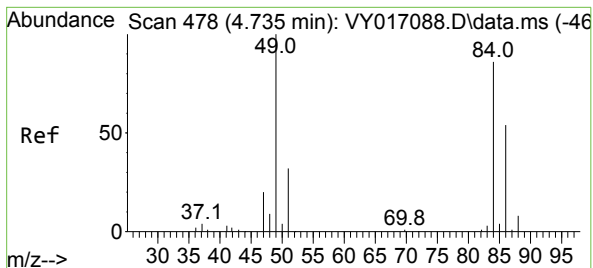
Tgt Ion: 59 Resp: 779

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#





#20

Methylene Chloride

Concen: 2.341 ug/l

RT: 4.722 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY017161.D

Acq: 31 Jan 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

Tgt Ion: 84 Resp: 7134

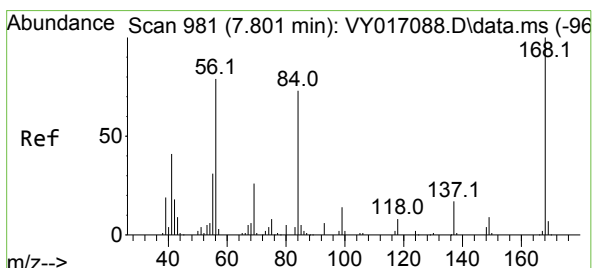
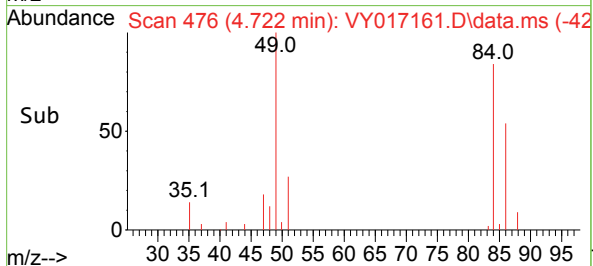
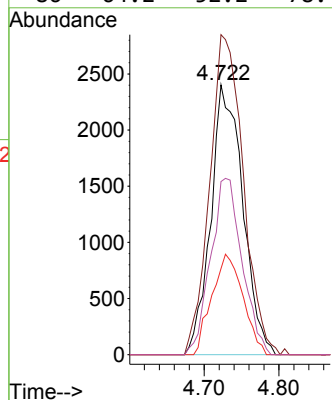
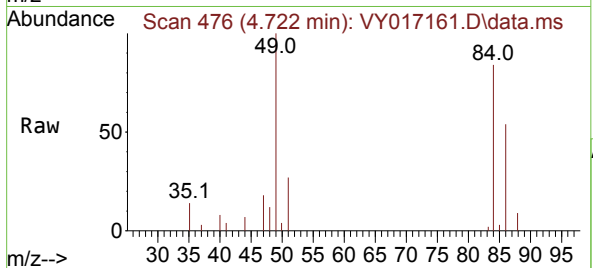
Ion Ratio Lower Upper

84 100

49 118.7 95.2 142.8

51 31.9 29.9 44.9

86 64.2 52.2 78.4



#31

Cyclohexane

Concen: Below Cal

RT: 7.807 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY017161.D

Acq: 31 Jan 2024 16:51

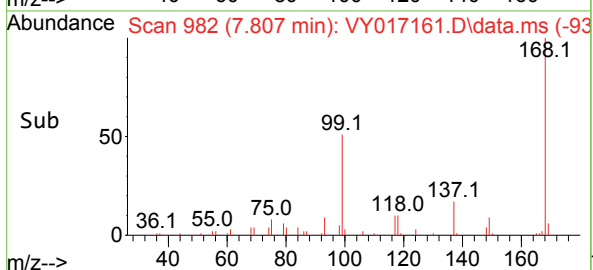
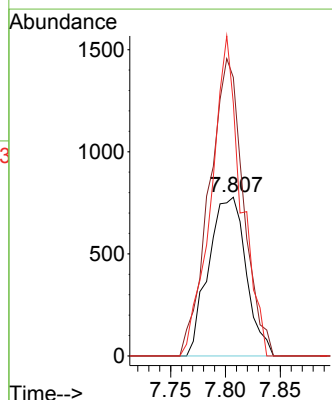
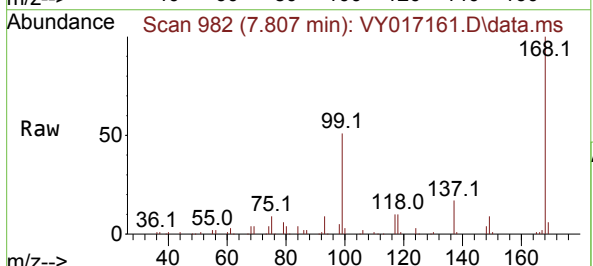
Tgt Ion: 56 Resp: 1845

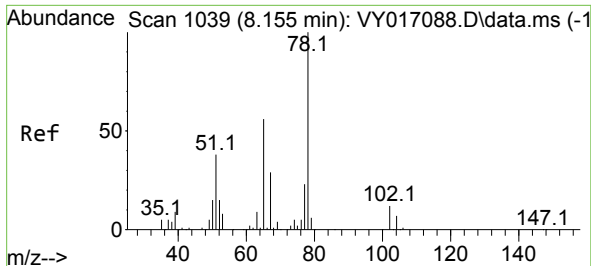
Ion Ratio Lower Upper

56 100

69 175.5 27.0 40.6#

84 159.5 71.8 107.6#

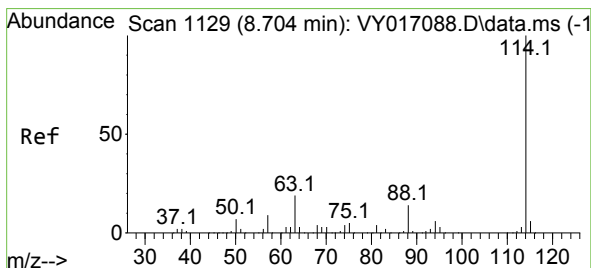
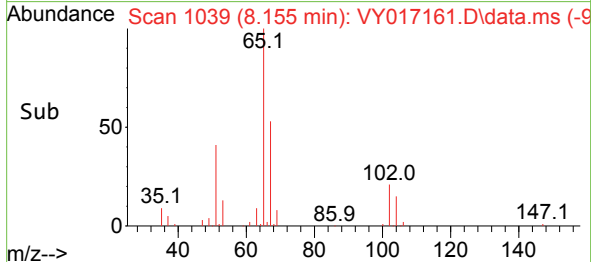
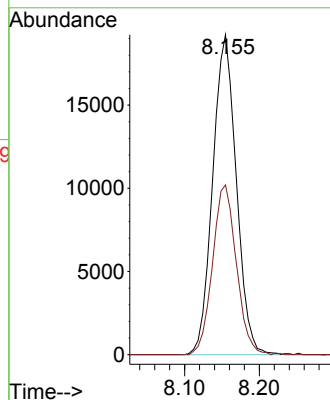
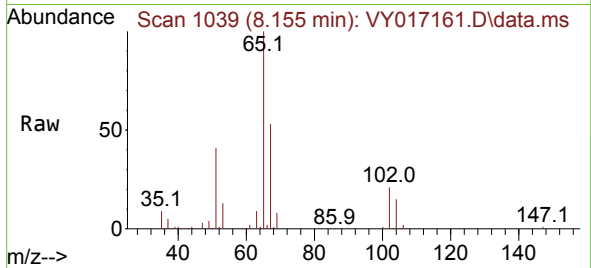




#33
1,2-Dichloroethane-d4
Concen: 53.350 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY017161.D
Acq: 31 Jan 2024 16:51

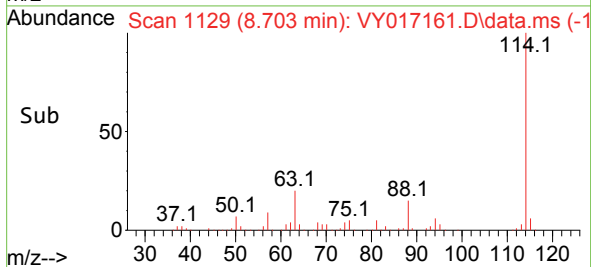
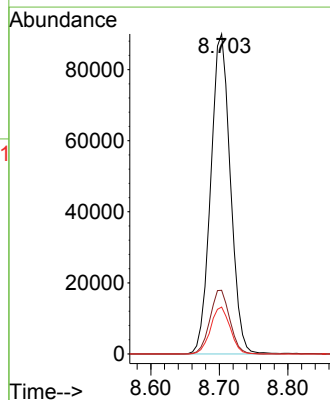
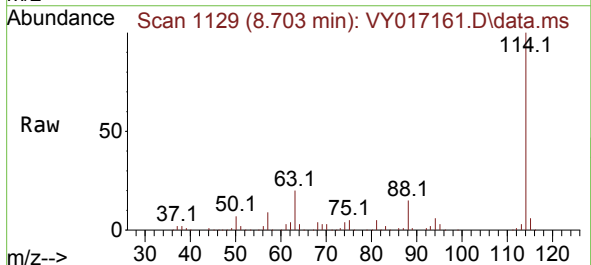
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

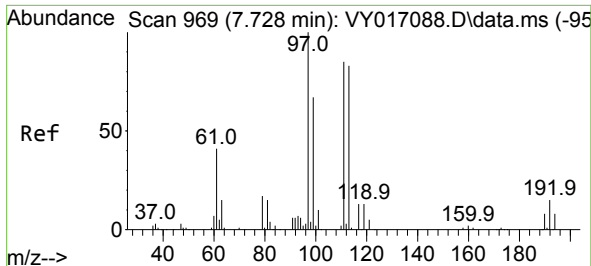
Tgt Ion: 65 Resp: 42101
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY017161.D
Acq: 31 Jan 2024 16:51

Tgt Ion:114 Resp: 178978
Ion Ratio Lower Upper
114 100
63 19.9 0.0 37.4
88 14.6 0.0 29.0

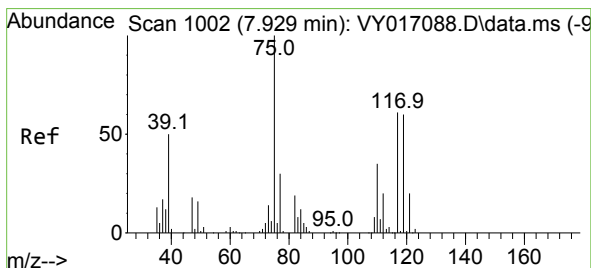
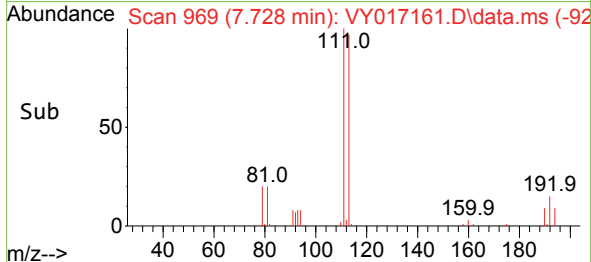
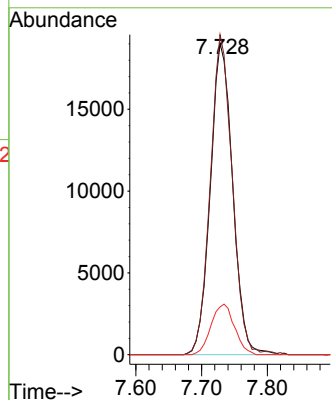
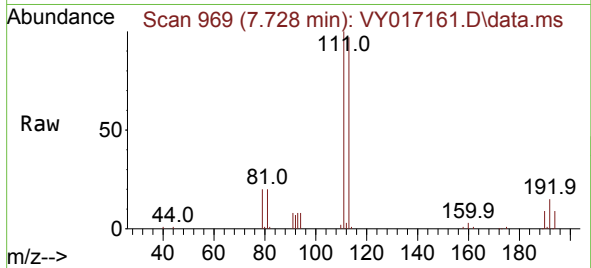




#35
Dibromofluoromethane
Concen: 41.610 ug/l
RT: 7.728 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY017161.D
Acq: 31 Jan 2024 16:51

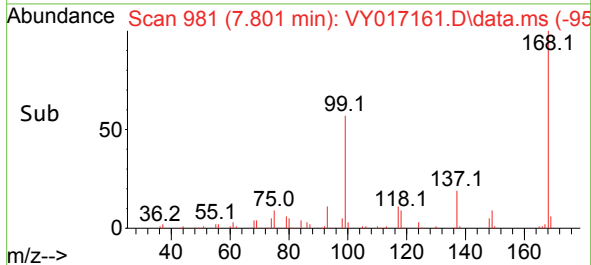
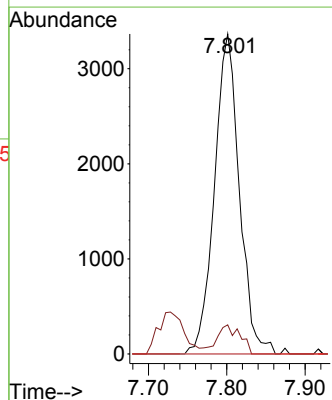
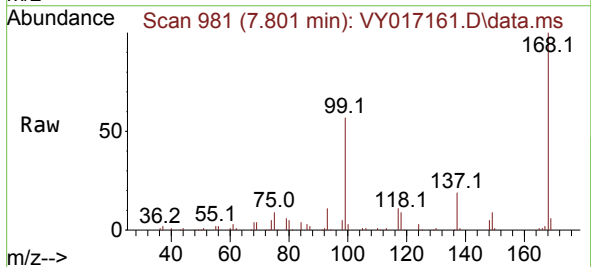
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

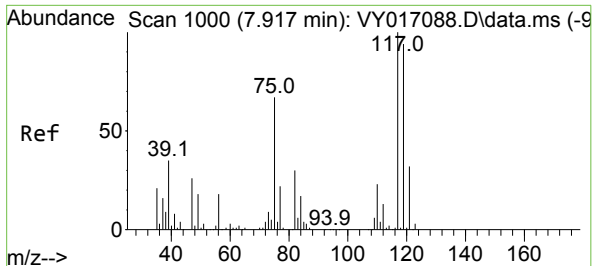
Tgt Ion:113 Resp: 44948
Ion Ratio Lower Upper
113 100
111 101.3 83.8 125.6
192 17.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.184 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY017161.D
Acq: 31 Jan 2024 16:51

Tgt Ion: 75 Resp: 7436
Ion Ratio Lower Upper
75 100
110 8.4 17.4 52.3#
77 0.0 24.7 37.1#

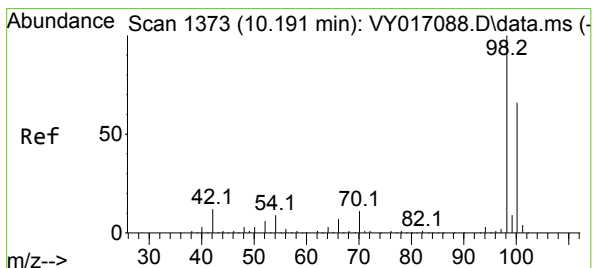
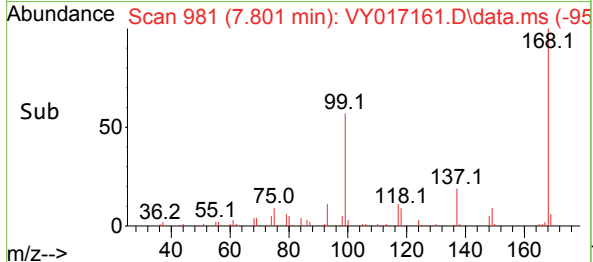
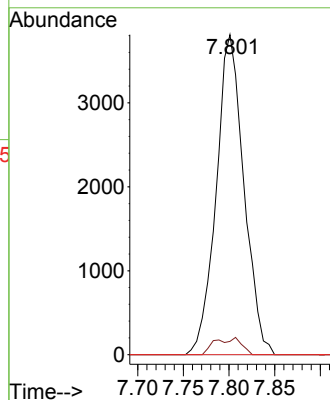
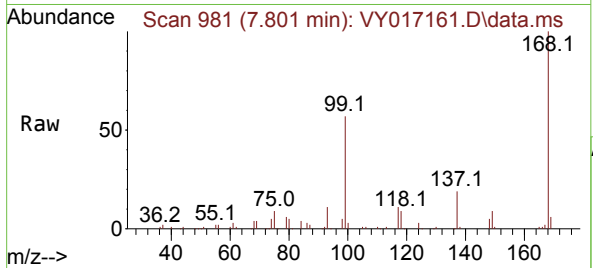




#38
Carbon Tetrachloride
Concen: 4.617 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017161.D
Acq: 31 Jan 2024 16:51

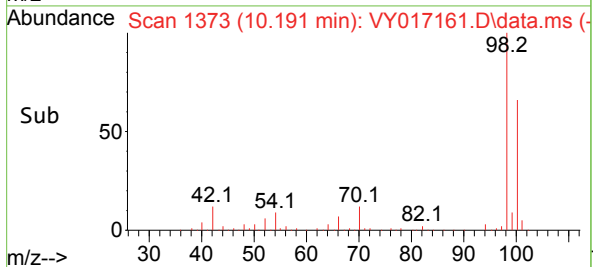
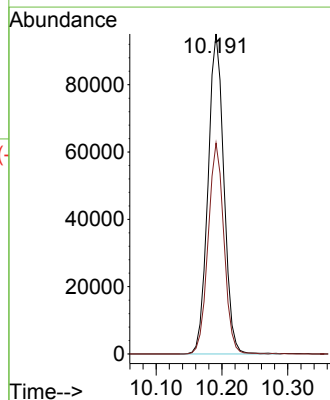
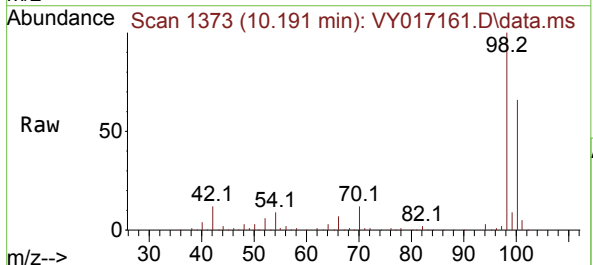
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

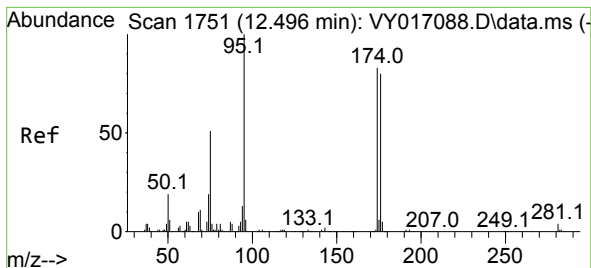
Tgt Ion:117 Resp: 8041
Ion Ratio Lower Upper
117 100
119 4.2 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 39.118 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY017161.D
Acq: 31 Jan 2024 16:51

Tgt Ion: 98 Resp: 159599
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5

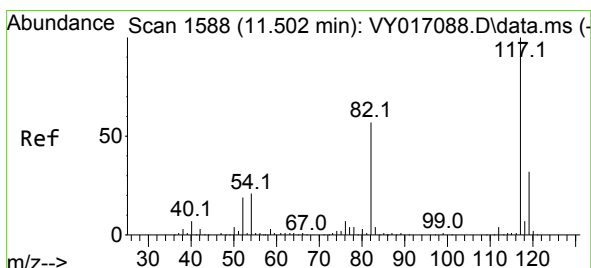
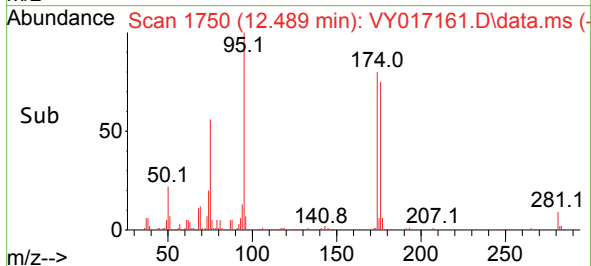
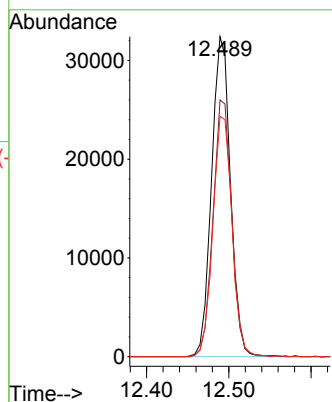
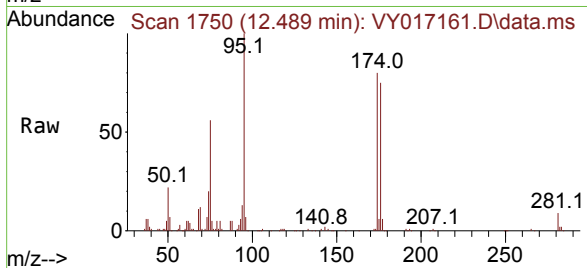




#62
4-Bromofluorobenzene
Concen: 41.040 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017161.D
Acq: 31 Jan 2024 16:51

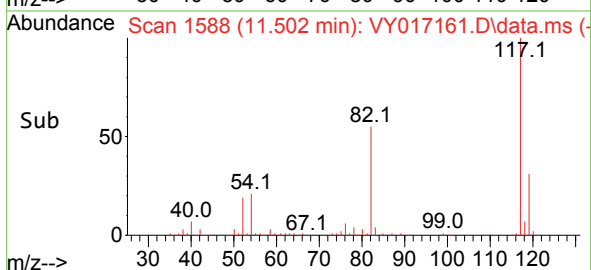
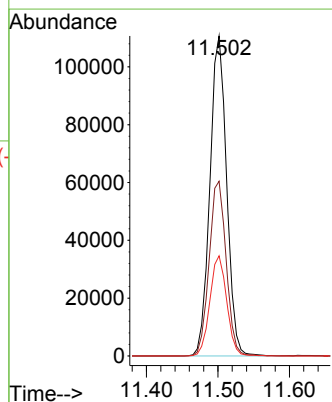
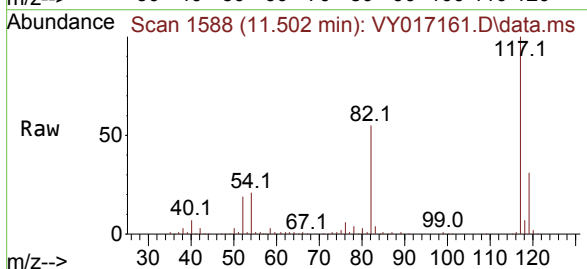
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

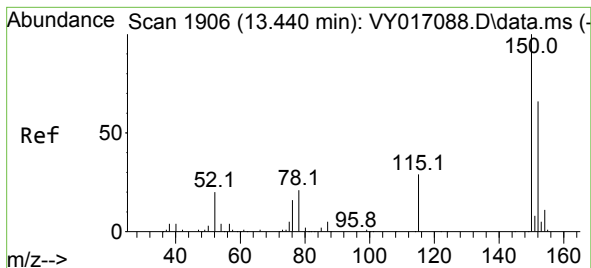
Tgt Ion: 95 Resp: 51582
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.0
176 76.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY017161.D
Acq: 31 Jan 2024 16:51

Tgt Ion: 117 Resp: 179932
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.8
119 31.3 26.5 39.7

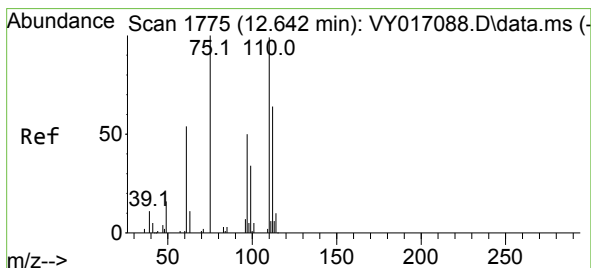
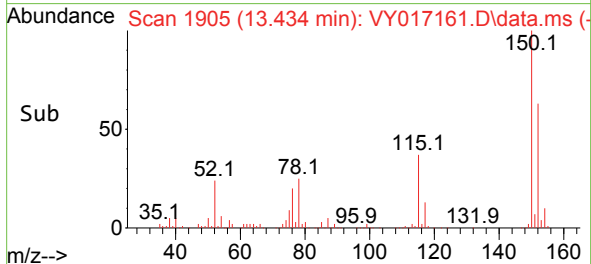
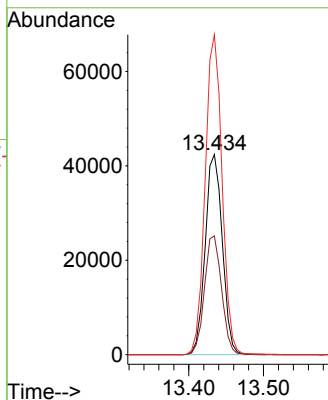
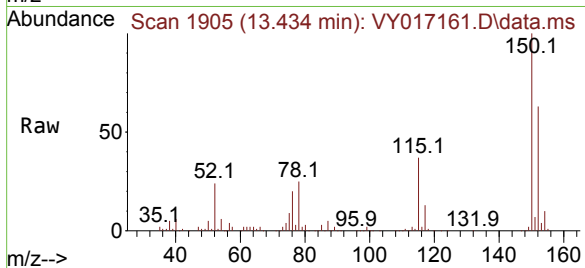




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY017161.D
Acq: 31 Jan 2024 16:51

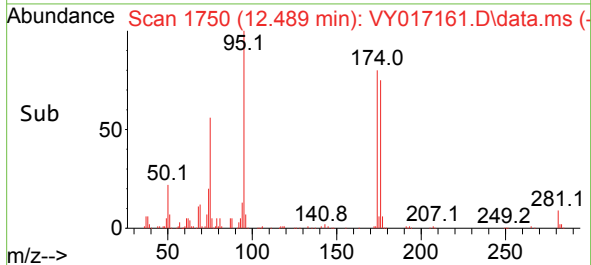
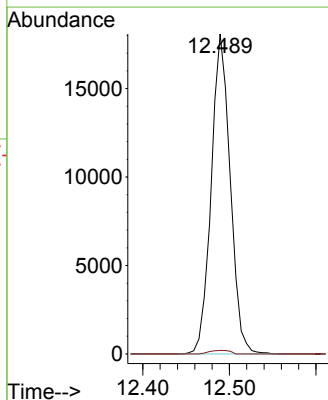
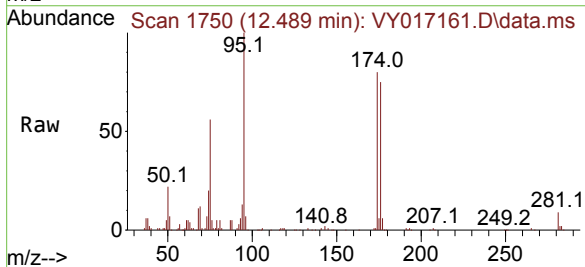
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

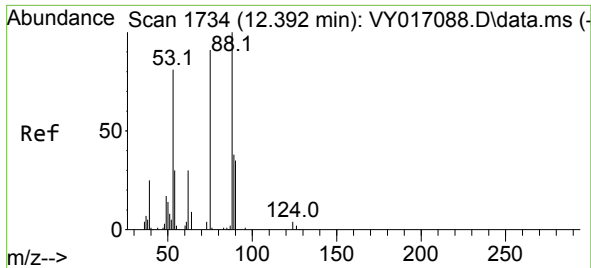
Tgt Ion:152 Resp: 67496
Ion Ratio Lower Upper
152 100
115 59.3 30.0 90.0
150 157.5 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 33.613 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY017161.D
Acq: 31 Jan 2024 16:51

Tgt Ion: 75 Resp: 27538
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.020 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY017161.D
 Acq: 31 Jan 2024 16:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Tgt Ion: 75 Resp: 27538
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.1 36.5 54.7#

