

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017158.D
 Acq On : 31 Jan 2024 15:40
 Operator : SY/MD
 Sample : P1311-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Jan 31 22:59:25 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)

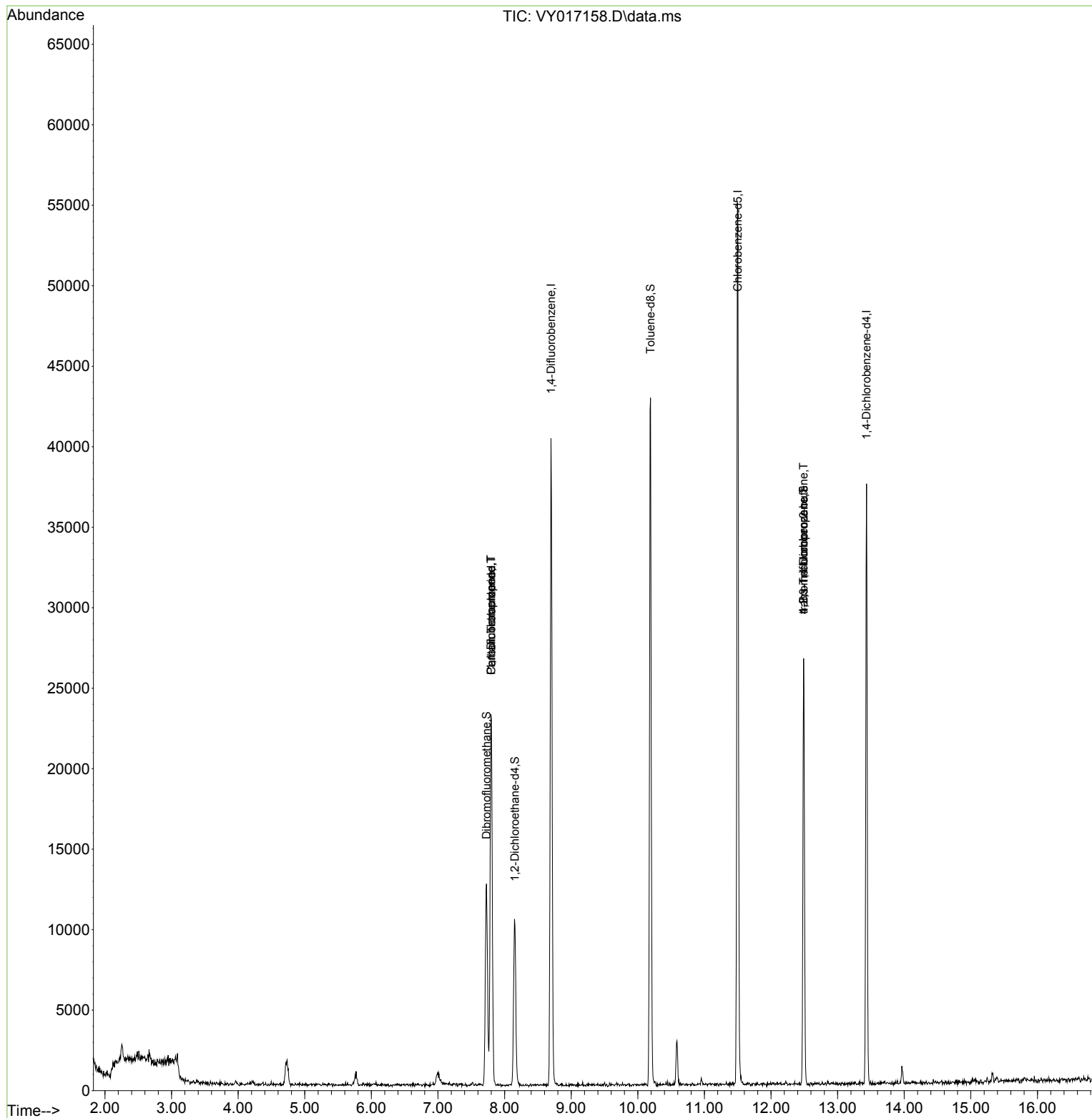
Internal Standards						
1) Pentafluorobenzene	7.801	168	17753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	33098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	30929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	9005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	8563	49.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.020%
35) Dibromofluoromethane	7.728	113	8860	44.353	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.700%
50) Toluene-d8	10.191	98	29028	38.473	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.940%
62) 4-Bromofluorobenzene	12.489	95	7801	33.563	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.120%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.284	62	50	Below Cal	#	43
5) Bromomethane	2.686	94	79	Below Cal	#	1
16) Acetone	3.942	43	265	Below Cal	#	41
25) 2-Butanone	7.088	43	46	Below Cal	#	48
31) Cyclohexane	7.783	56	406	Below Cal	#	71
36) 1,1-Dichloropropene	7.795	75	1682	5.118	ug/l #	43
38) Carbon Tetrachloride	7.801	117	1846	5.731	ug/l #	12
76) 1,2,3-Trichloropropane	12.489	75	4254	38.919	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	4254	100.758	ug/l #	12

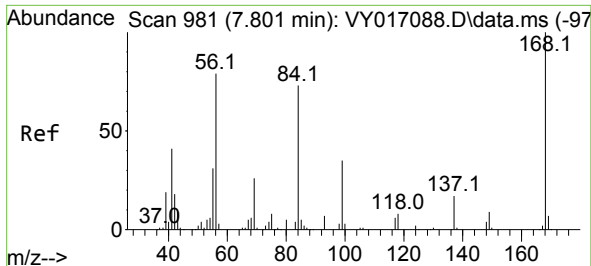
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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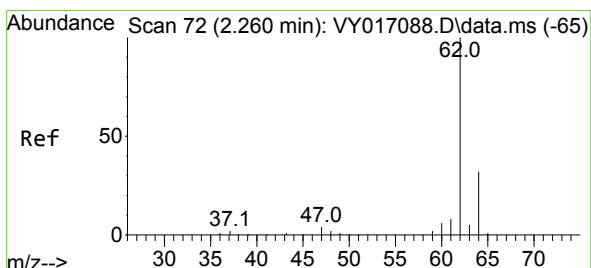
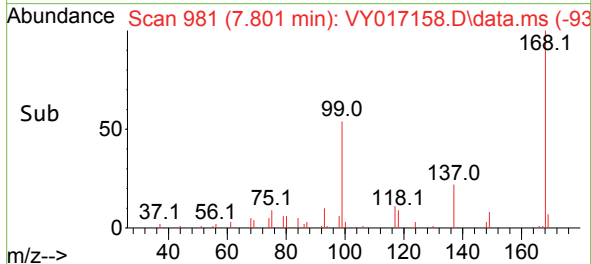
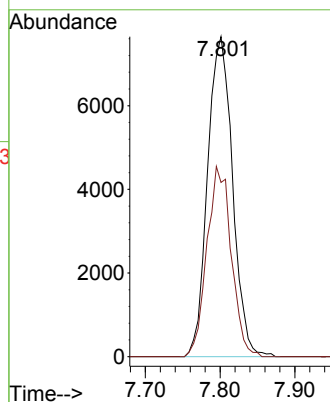
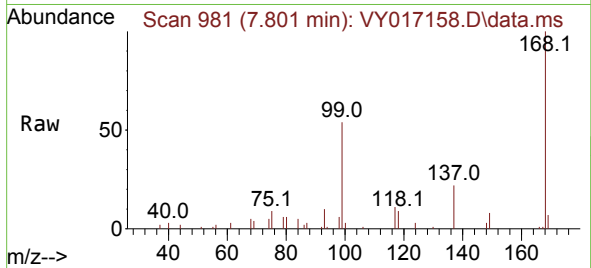




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017158.D
Acq: 31 Jan 2024 15:40

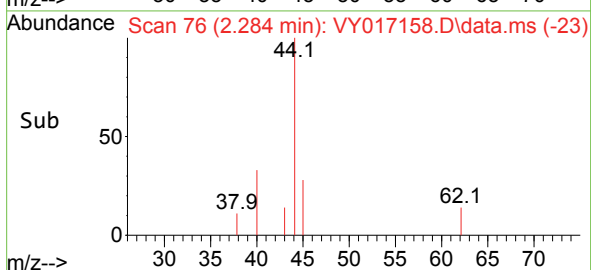
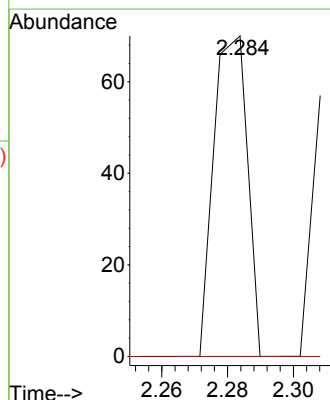
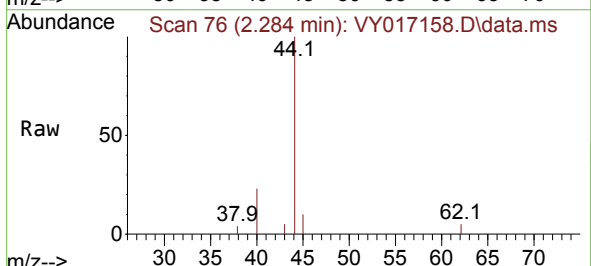
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

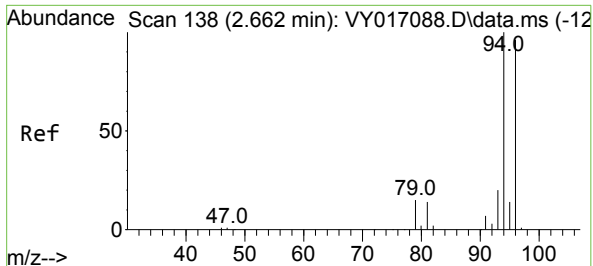
Tgt Ion:168 Resp: 17753
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.284 min Scan# 76
Delta R.T. 0.025 min
Lab File: VY017158.D
Acq: 31 Jan 2024 15:40

Tgt Ion: 62 Resp: 50
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.686 min Scan# 14

Delta R.T. 0.024 min

Lab File: VY017158.D

Acq: 31 Jan 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

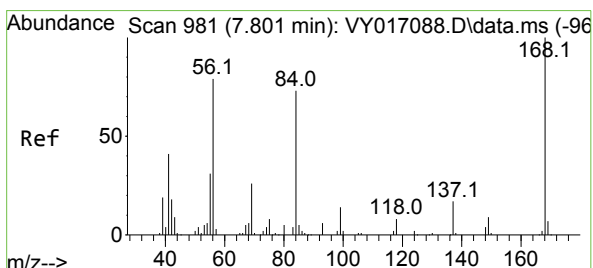
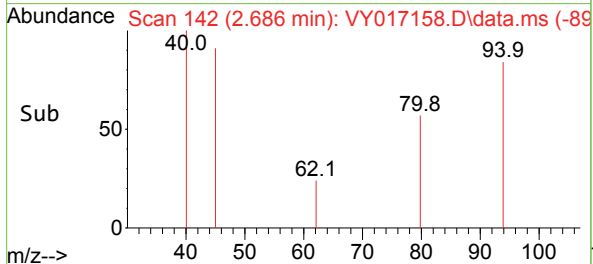
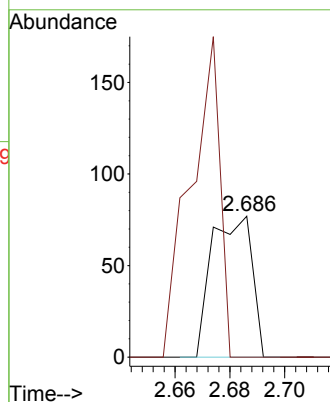
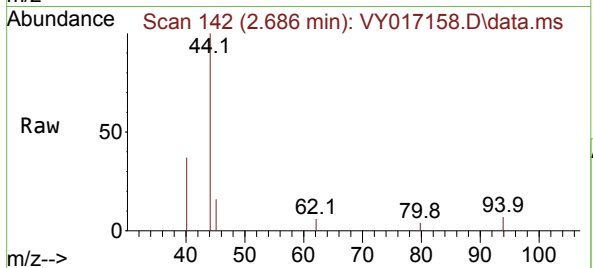
TP-1

Tgt Ion: 94 Resp: 79

Ion Ratio Lower Upper

94 100

96 0.0 77.3 115.9#



#31

Cyclohexane

Concen: Below Cal

RT: 7.783 min Scan# 978

Delta R.T. -0.018 min

Lab File: VY017158.D

Acq: 31 Jan 2024 15:40

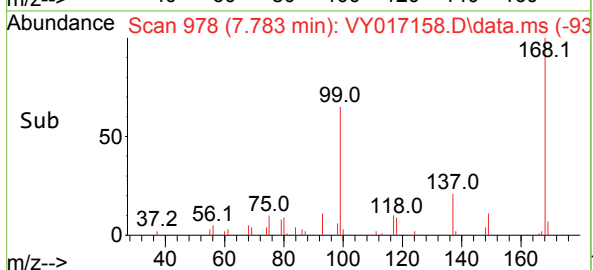
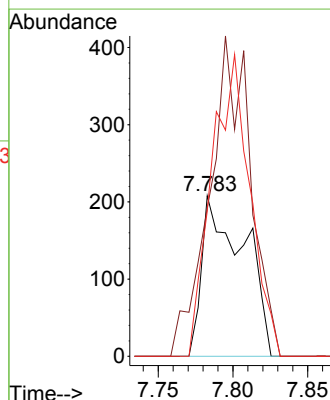
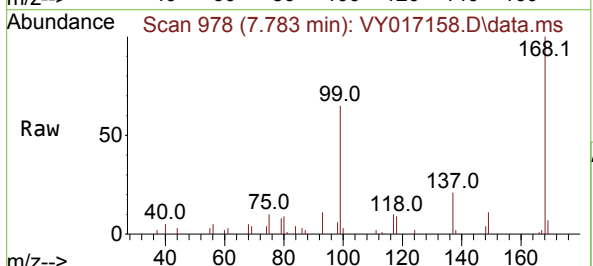
Tgt Ion: 56 Resp: 406

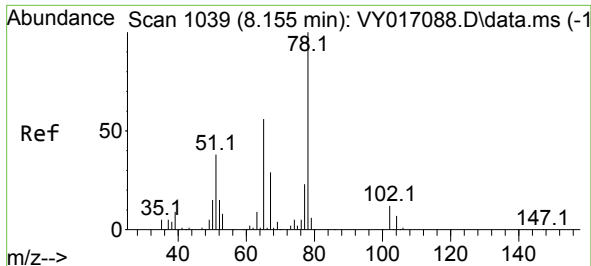
Ion Ratio Lower Upper

56 100

69 92.3 27.0 40.6#

84 90.4 71.8 107.6

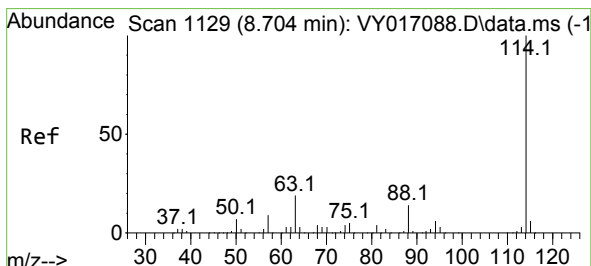
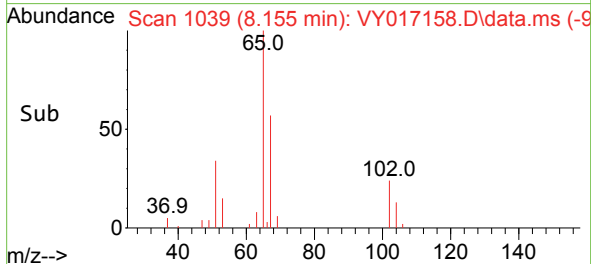
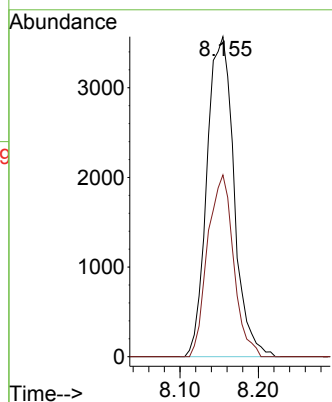
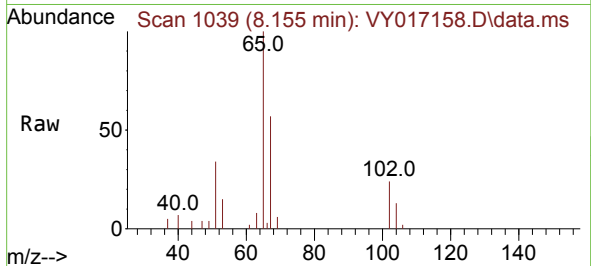




#33
 1,2-Dichloroethane-d4
 Concen: 49.506 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY017158.D
 Acq: 31 Jan 2024 15:40

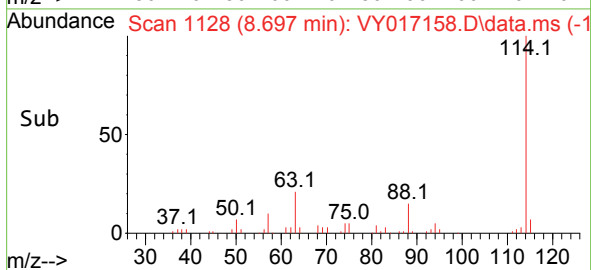
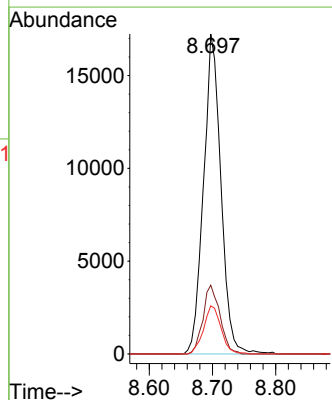
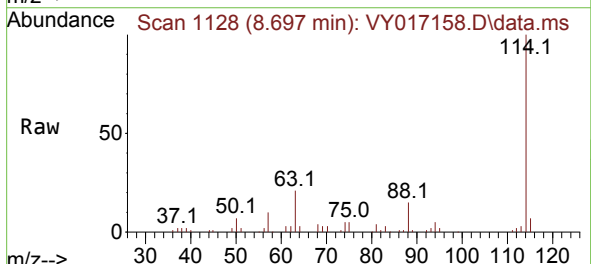
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

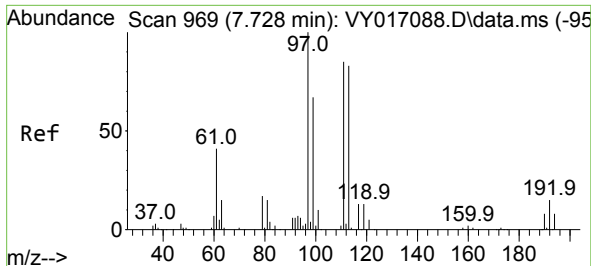
Tgt Ion: 65 Resp: 8563
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.006 min
 Lab File: VY017158.D
 Acq: 31 Jan 2024 15:40

Tgt Ion: 114 Resp: 33098
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 37.4
 88 15.1 0.0 29.0

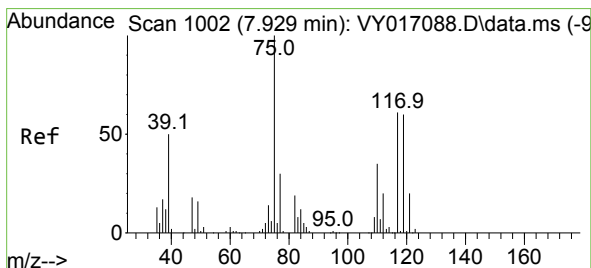
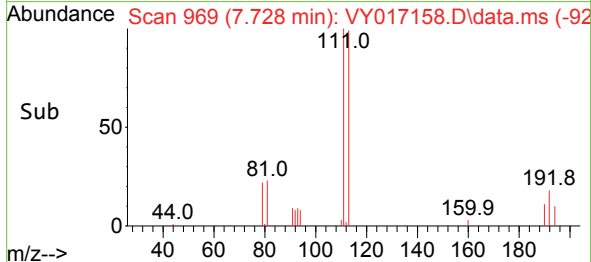
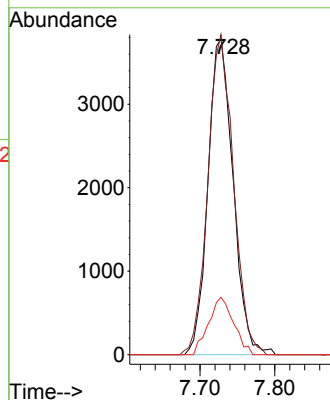
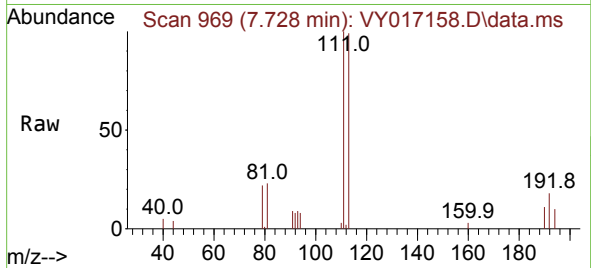




#35
Dibromofluoromethane
Concen: 44.353 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY017158.D
Acq: 31 Jan 2024 15:40

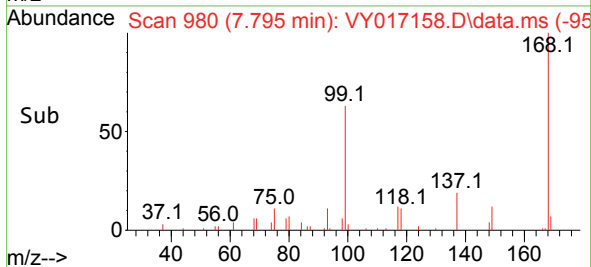
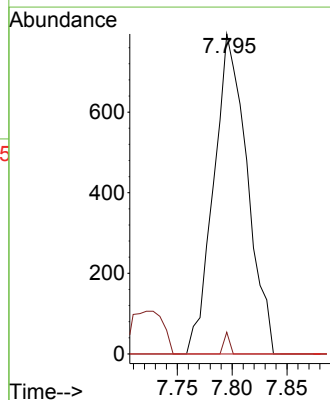
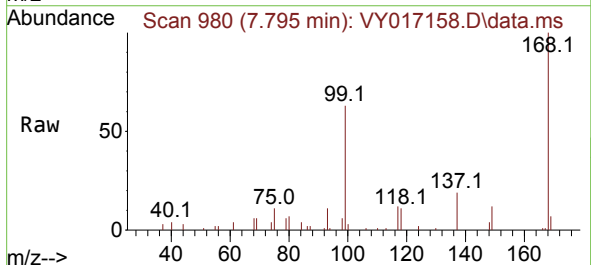
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

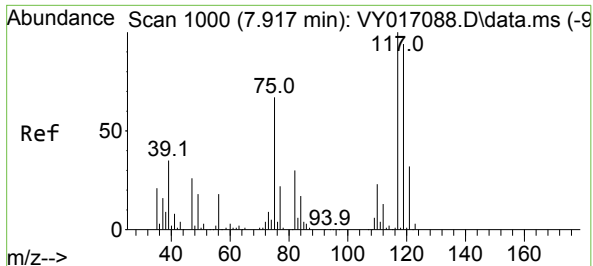
Tgt Ion:113 Resp: 8860
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 18.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 5.118 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY017158.D
Acq: 31 Jan 2024 15:40

Tgt Ion: 75 Resp: 1682
Ion Ratio Lower Upper
75 100
110 1.2 17.4 52.3#
77 0.0 24.7 37.1#

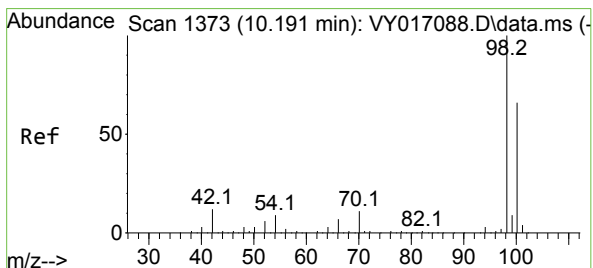
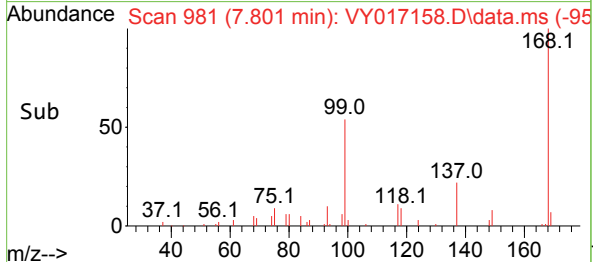
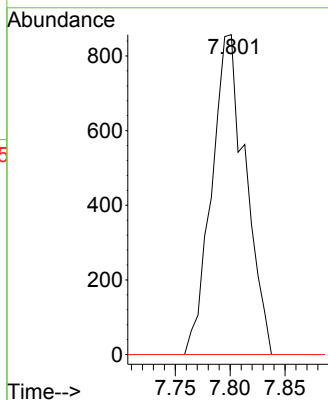
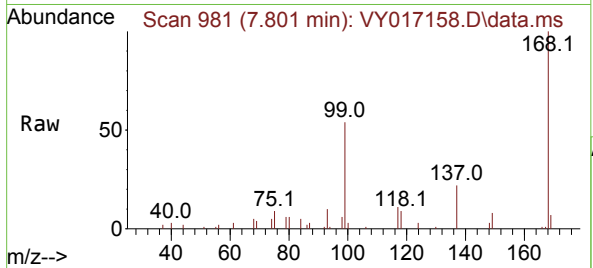




#38
Carbon Tetrachloride
Concen: 5.731 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017158.D
Acq: 31 Jan 2024 15:40

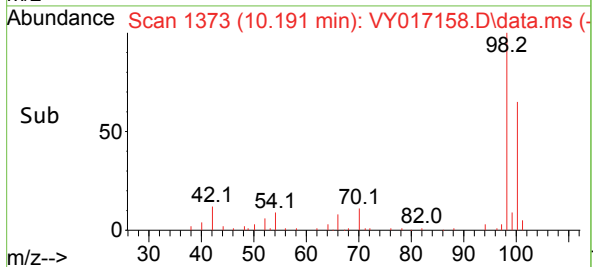
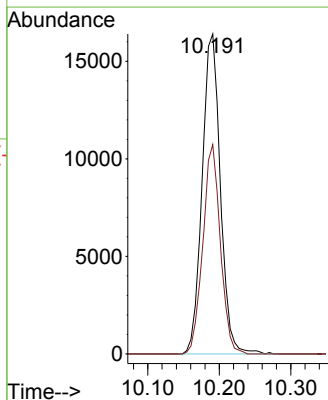
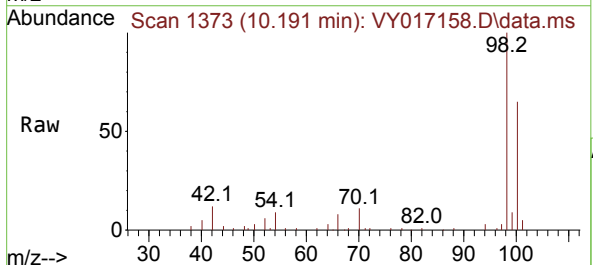
Instrument :
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ClientSampleId :
TP-1

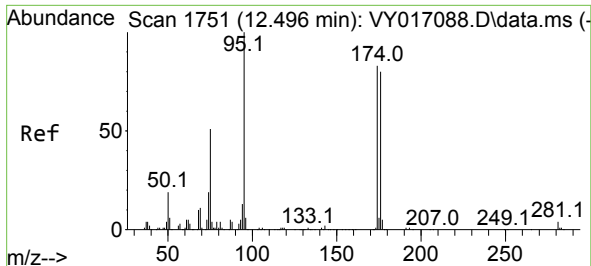
Tgt Ion:117 Resp: 1846
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 38.473 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY017158.D
Acq: 31 Jan 2024 15:40

Tgt Ion: 98 Resp: 29028
Ion Ratio Lower Upper
98 100
100 62.8 52.3 78.5

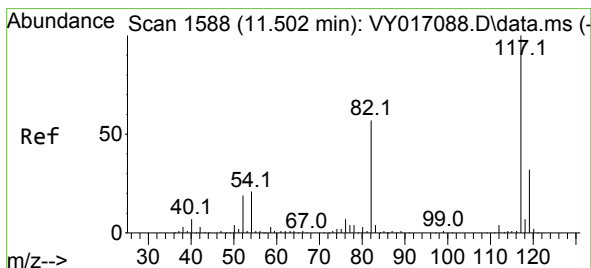
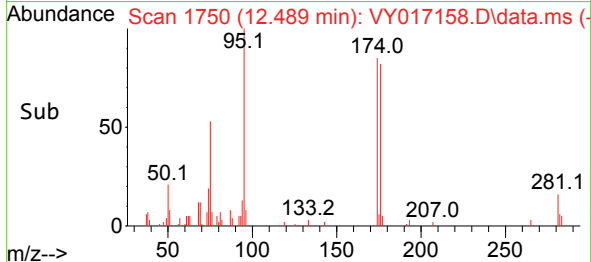
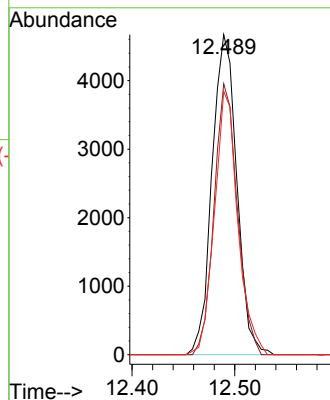
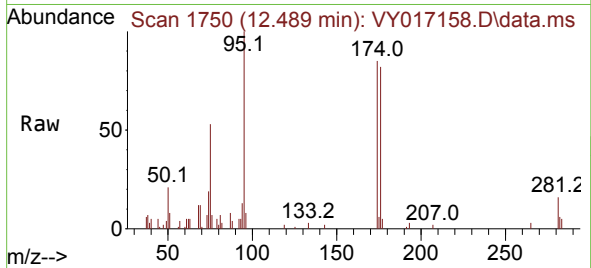




#62
4-Bromofluorobenzene
Concen: 33.563 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017158.D
Acq: 31 Jan 2024 15:40

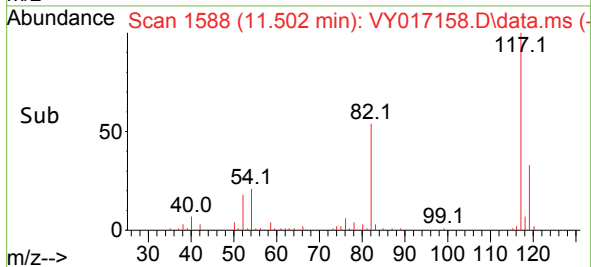
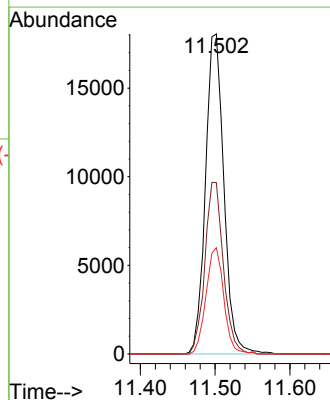
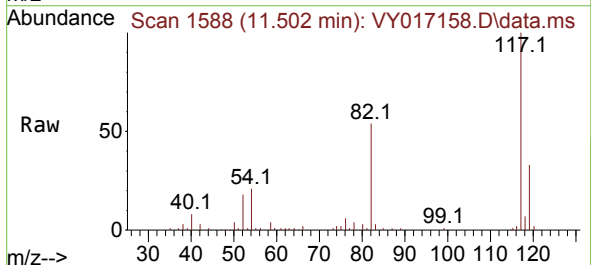
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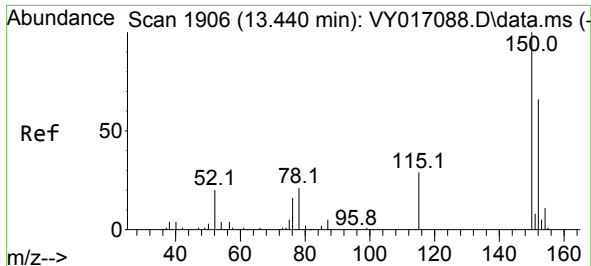
Tgt Ion: 95	Resp:	7801
Ion Ratio	Lower	Upper
95	100	
174	79.8	0.0 160.0
176	77.8	0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY017158.D
Acq: 31 Jan 2024 15:40

Tgt Ion: 117	Resp:	30929
Ion Ratio	Lower	Upper
117	100	
82	53.6	43.8 65.8
119	33.2	26.5 39.7

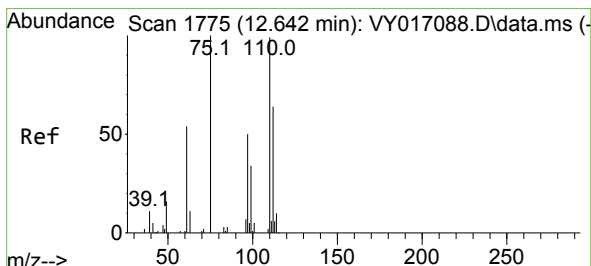
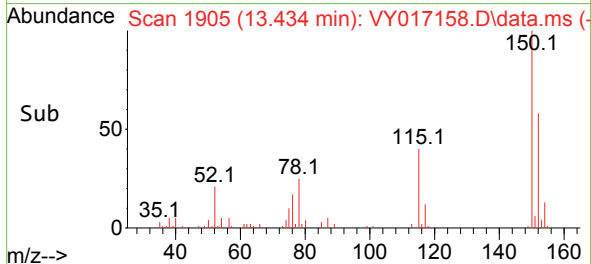
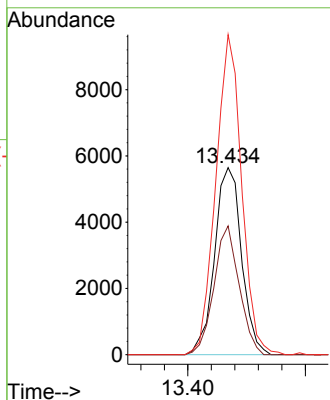
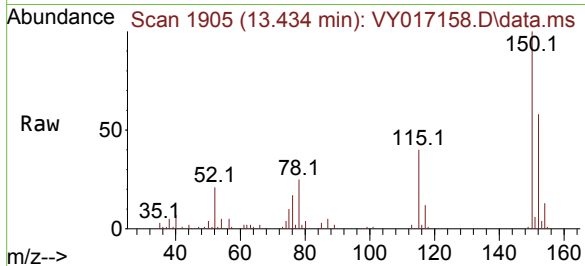




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017158.D
 Acq: 31 Jan 2024 15:40

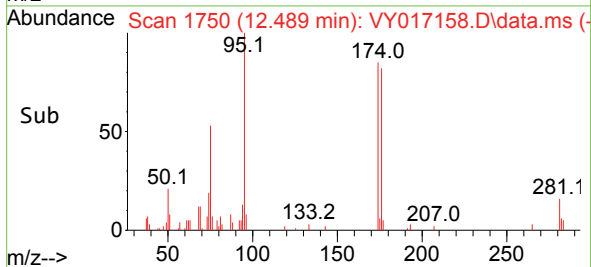
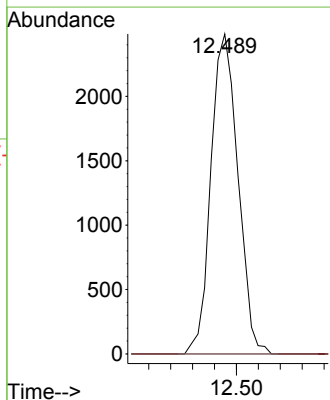
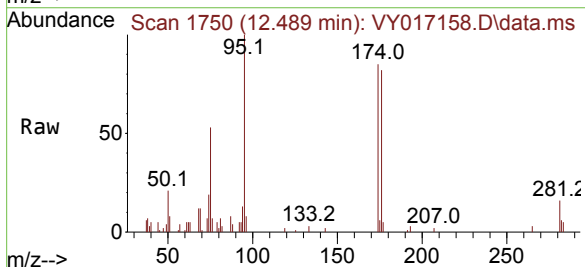
Instrument :
 MSVOA_Y
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 TP-1

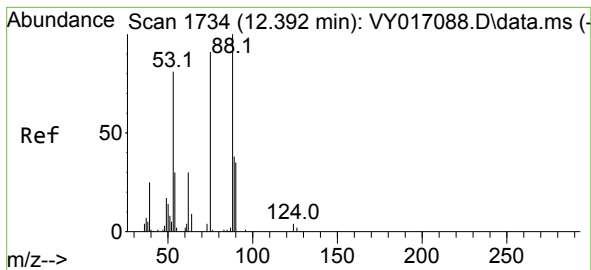
Tgt Ion:152 Resp: 9005
 Ion Ratio Lower Upper
 152 100
 115 64.4 30.0 90.0
 150 163.7 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 38.919 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.153 min
 Lab File: VY017158.D
 Acq: 31 Jan 2024 15:40

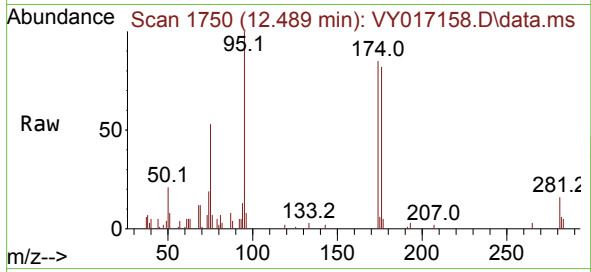
Tgt Ion: 75 Resp: 4254
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.758 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY017158.D
 Acq: 31 Jan 2024 15:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1



Tgt Ion: 75 Resp: 4254
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

