

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017159.D
 Acq On : 31 Jan 2024 16:04
 Operator : SY/MD
 Sample : P1311-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Jan 31 22:59:45 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)

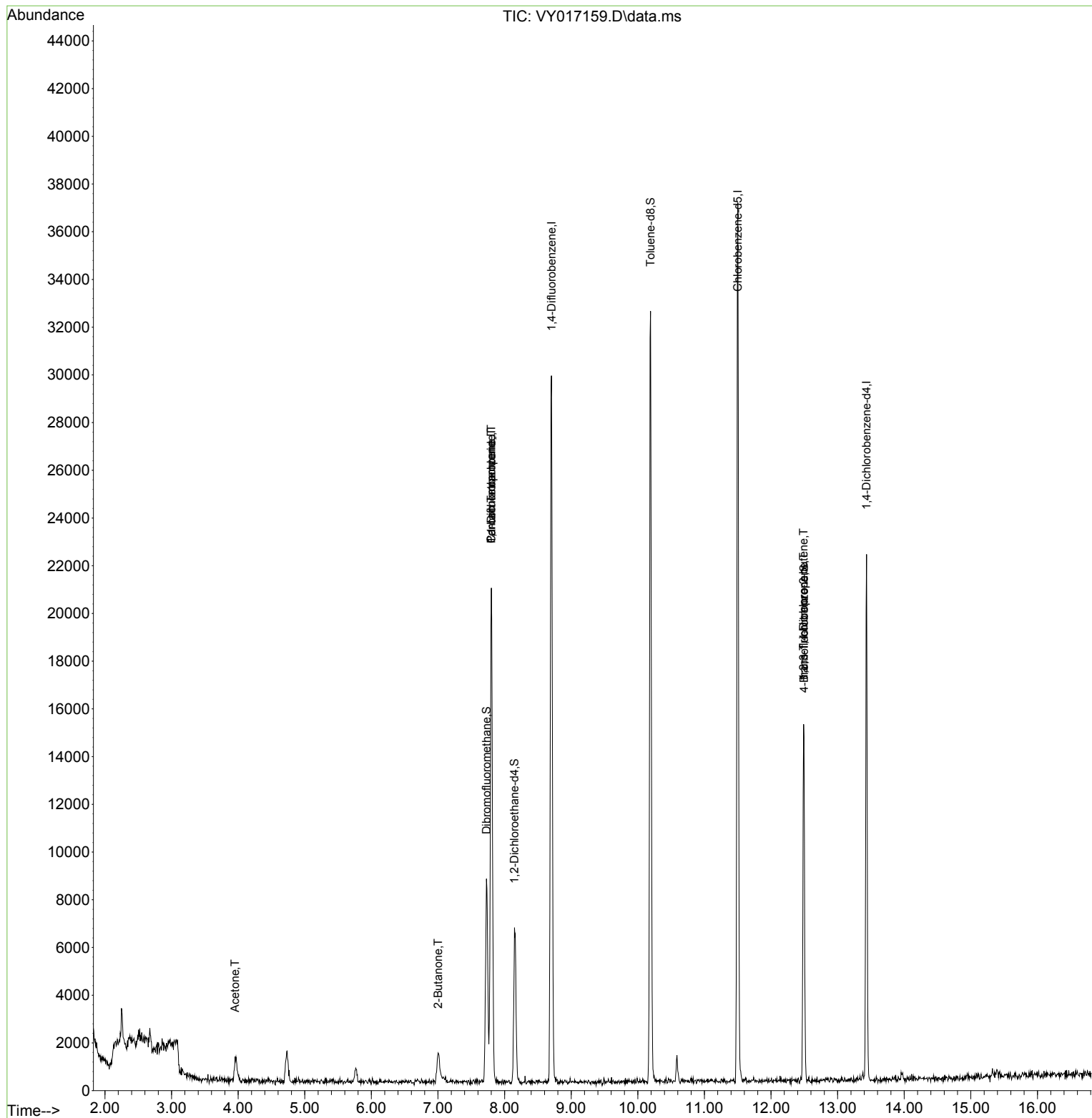
Internal Standards						
1) Pentafluorobenzene	7.801	168	15596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	26370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	20648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	5448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5266	34.655	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.320%
35) Dibromofluoromethane	7.728	113	6396	40.187	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.380%
50) Toluene-d8	10.191	98	22593	37.584	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.160%
62) 4-Bromofluorobenzene	12.495	95	4909	26.509	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.020%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.284	62	37	Below Cal	#	43
5) Bromomethane	2.674	94	117	Below Cal	#	60
16) Acetone	3.954	43	1968	22.255	ug/l #	78
20) Methylene Chloride	4.735	84	929	Below Cal	#	82
25) 2-Butanone	7.002	43	1735	21.616	ug/l #	88
31) Cyclohexane	7.795	56	361	Below Cal	#	1
36) 1,1-Dichloropropene	7.801	75	1308	4.995	ug/l #	45
38) Carbon Tetrachloride	7.801	117	1608	6.266	ug/l #	12
76) 1,2,3-Trichloropropane	12.489	75	2675	40.452	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	2675	104.725	ug/l #	12

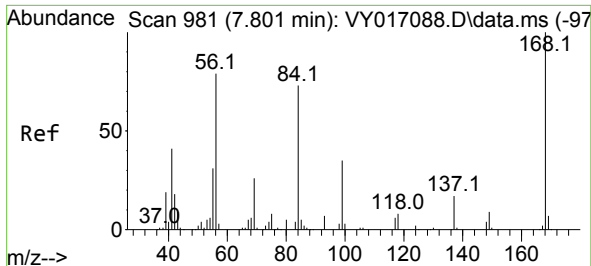
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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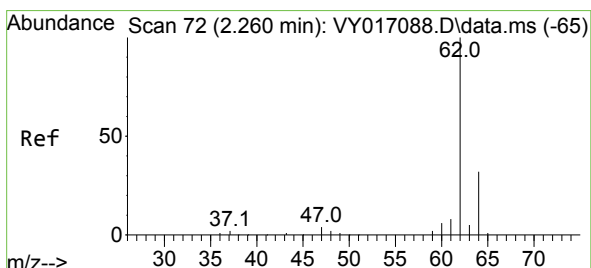
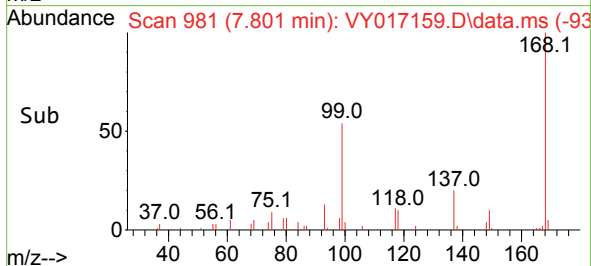
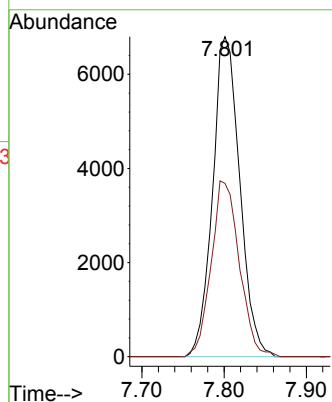
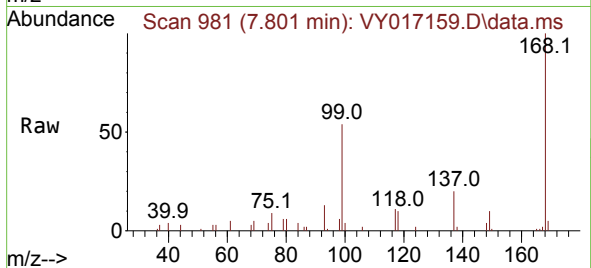




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017159.D
Acq: 31 Jan 2024 16:04

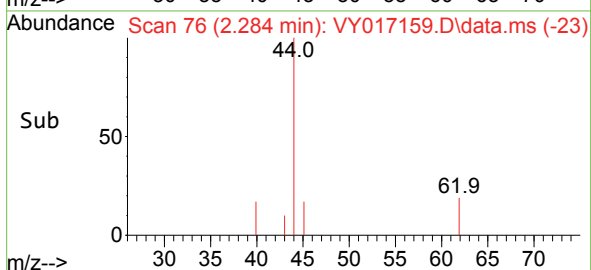
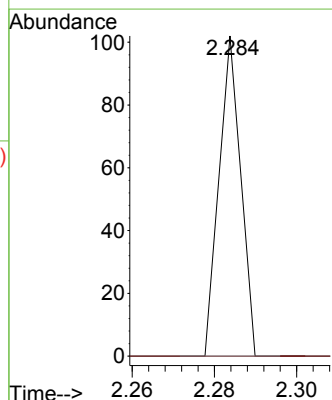
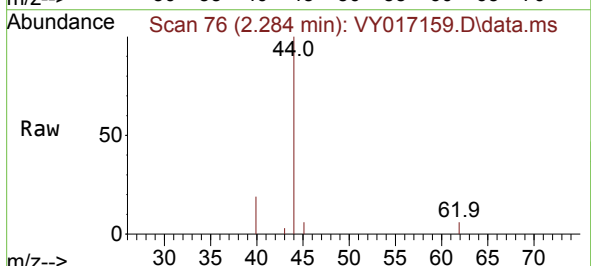
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

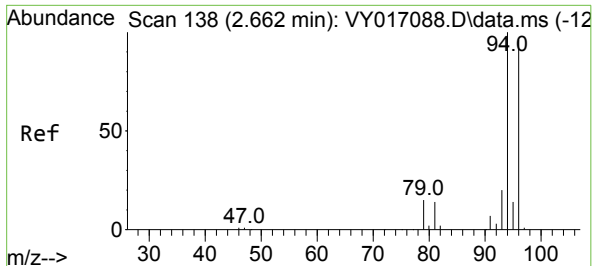
Tgt Ion:168 Resp: 15596
Ion Ratio Lower Upper
168 100
99 54.2 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.284 min Scan# 76
Delta R.T. 0.025 min
Lab File: VY017159.D
Acq: 31 Jan 2024 16:04

Tgt Ion: 62 Resp: 37
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#

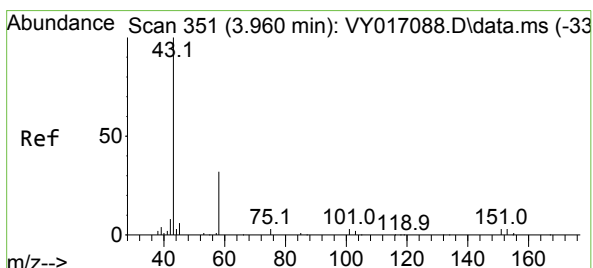
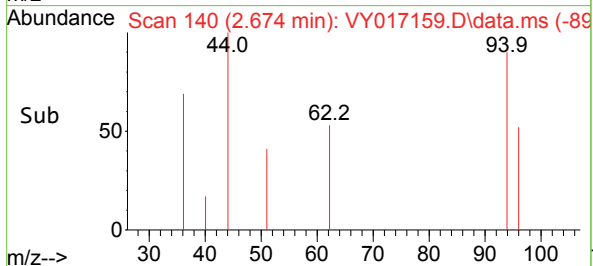
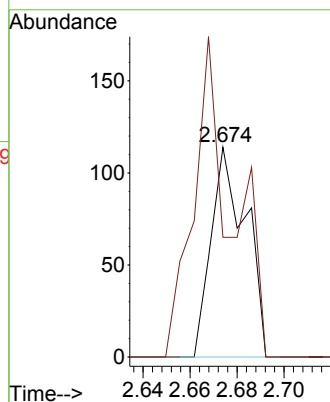
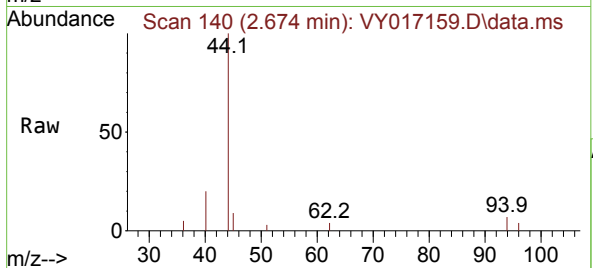




#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY017159.D
Acq: 31 Jan 2024 16:04

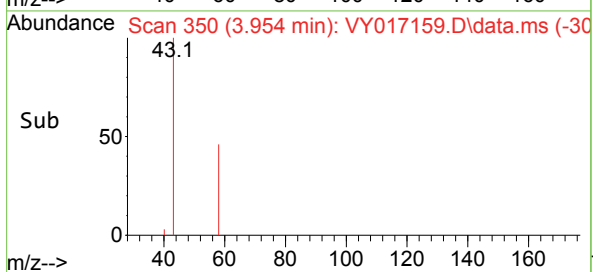
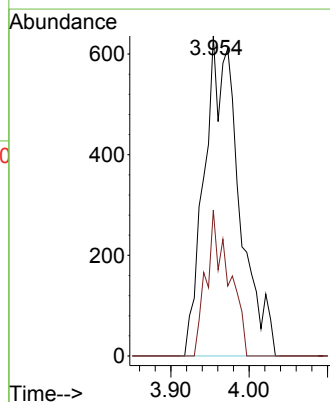
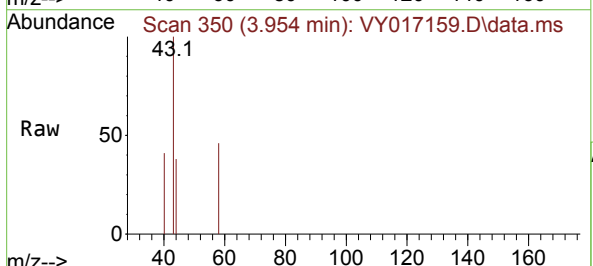
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

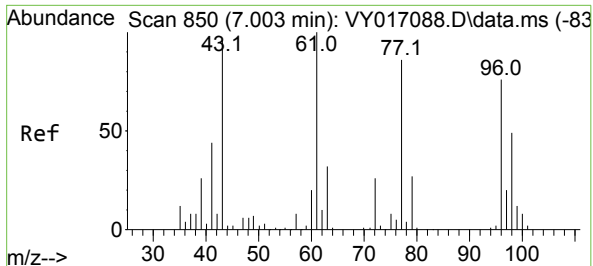
Tgt Ion: 94 Resp: 117
Ion Ratio Lower Upper
94 100
96 57.0 77.3 115.9#



#16
Acetone
Concen: 22.255 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY017159.D
Acq: 31 Jan 2024 16:04

Tgt Ion: 43 Resp: 1968
Ion Ratio Lower Upper
43 100
58 45.6 26.6 39.8#

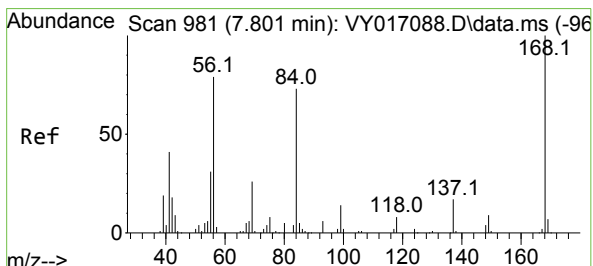
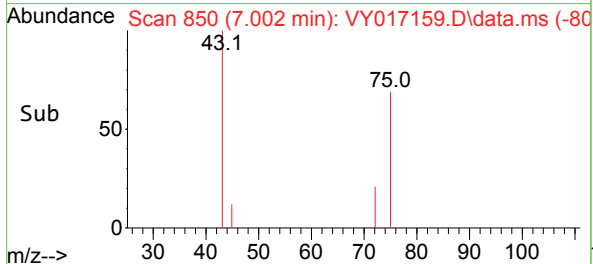
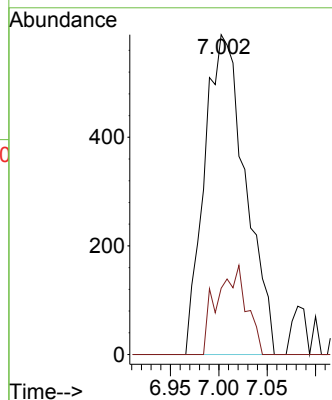
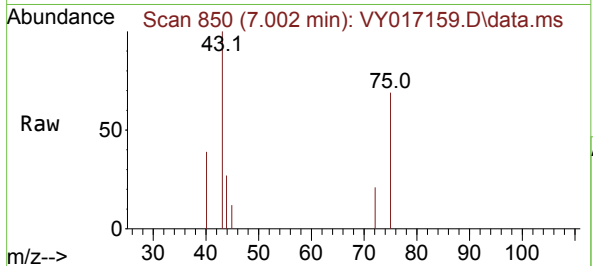




#25
2-Butanone
Concen: 21.616 ug/l
RT: 7.002 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY017159.D
Acq: 31 Jan 2024 16:04

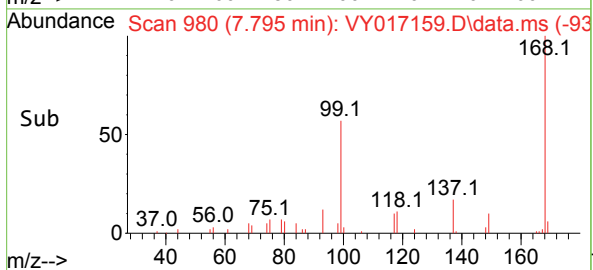
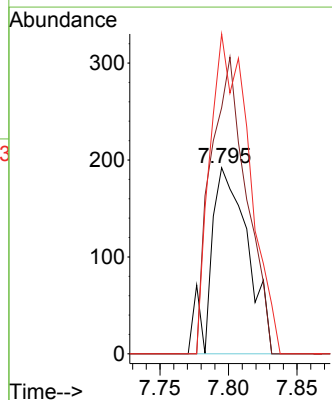
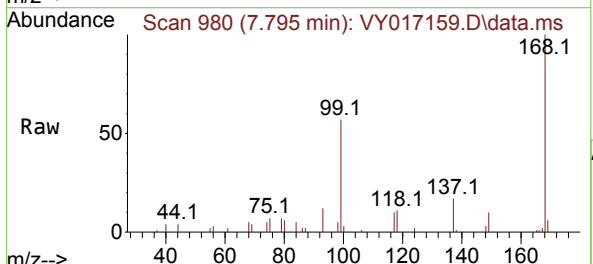
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

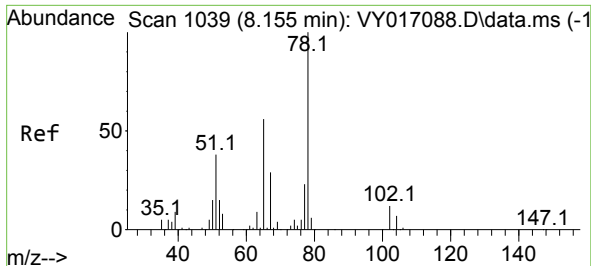
Tgt Ion: 43 Resp: 1735
Ion Ratio Lower Upper
43 100
72 20.7 21.4 32.2#



#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY017159.D
Acq: 31 Jan 2024 16:04

Tgt Ion: 56 Resp: 361
Ion Ratio Lower Upper
56 100
69 132.3 27.0 40.6#
84 171.9 71.8 107.6#

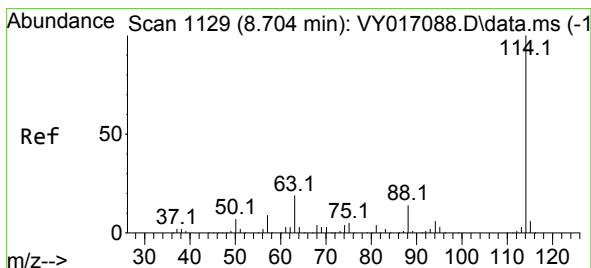
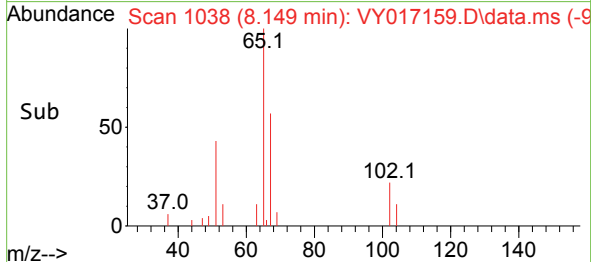
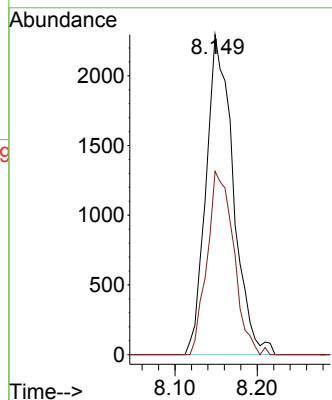
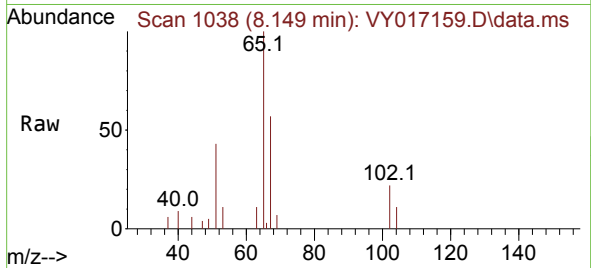




#33
 1,2-Dichloroethane-d4
 Concen: 34.655 ug/l
 RT: 8.149 min Scan# 1039
 Delta R.T. -0.006 min
 Lab File: VY017159.D
 Acq: 31 Jan 2024 16:04

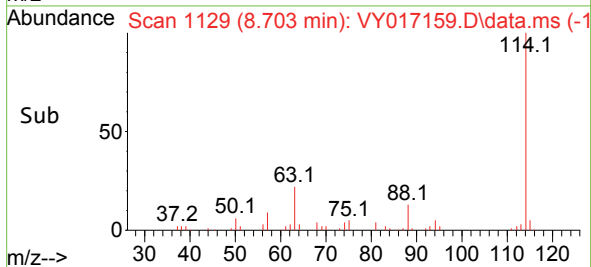
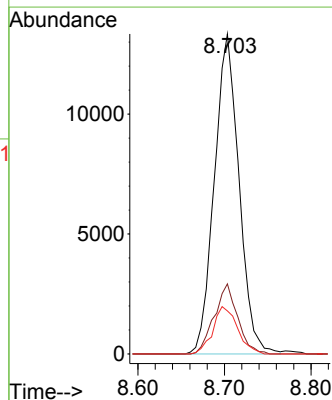
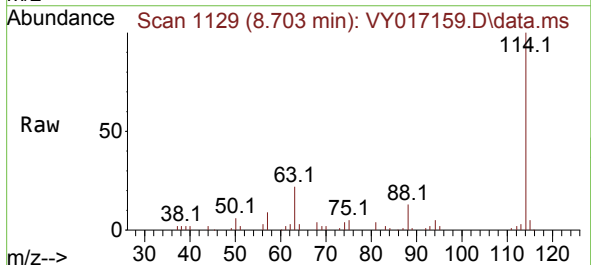
Instrument :
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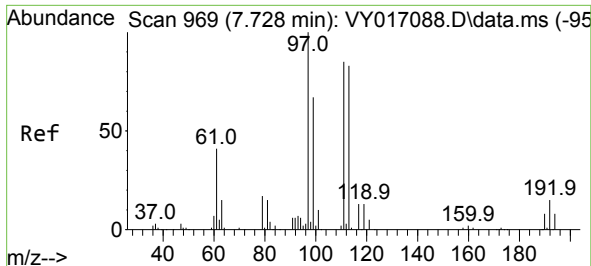
Tgt Ion: 65 Resp: 5266
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VY017159.D
 Acq: 31 Jan 2024 16:04

Tgt Ion: 114 Resp: 26370
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 37.4
 88 13.4 0.0 29.0

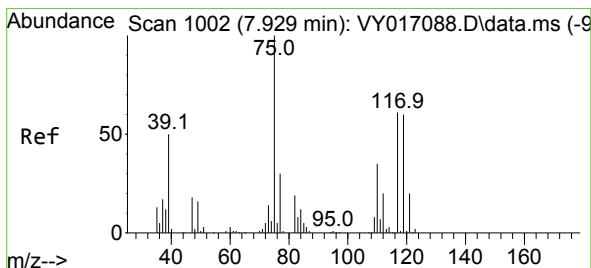
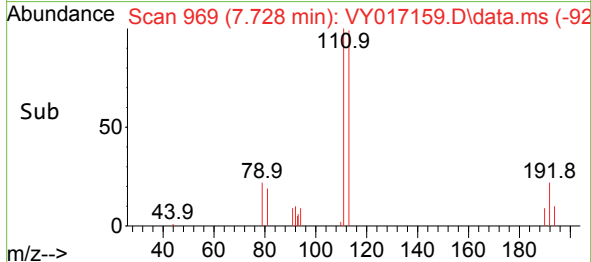
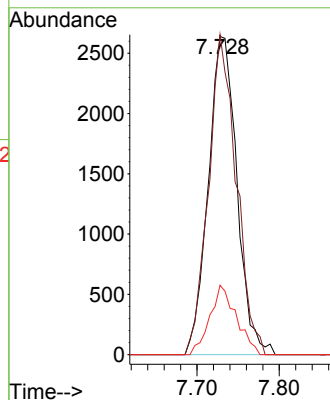
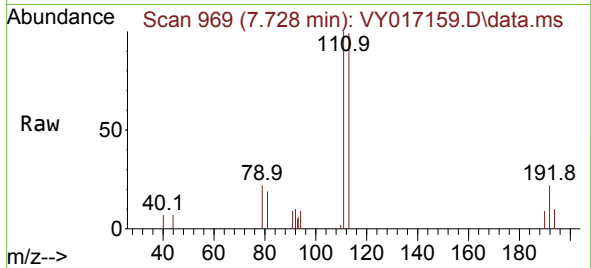




#35
Dibromofluoromethane
Concen: 40.187 ug/l
RT: 7.728 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY017159.D
Acq: 31 Jan 2024 16:04

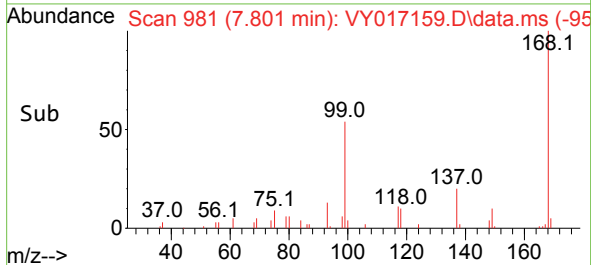
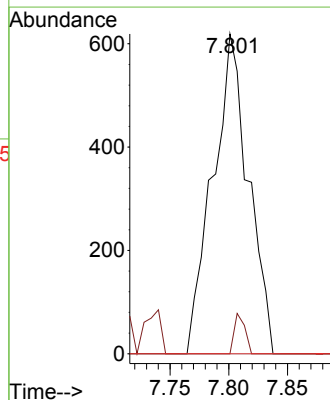
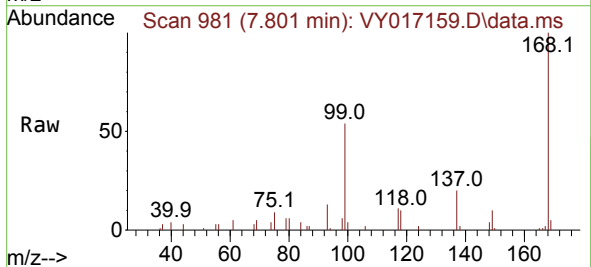
Instrument :
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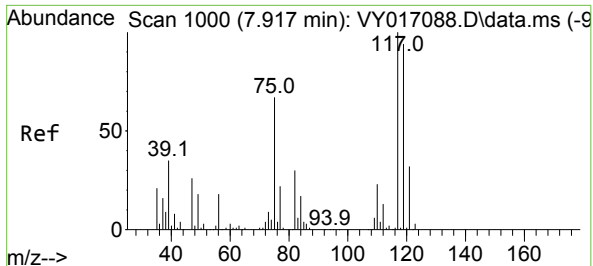
Tgt Ion:113 Resp: 6396
Ion Ratio Lower Upper
113 100
111 97.5 83.8 125.6
192 20.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.995 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY017159.D
Acq: 31 Jan 2024 16:04

Tgt Ion: 75 Resp: 1308
Ion Ratio Lower Upper
75 100
110 3.7 17.4 52.3#
77 0.0 24.7 37.1#

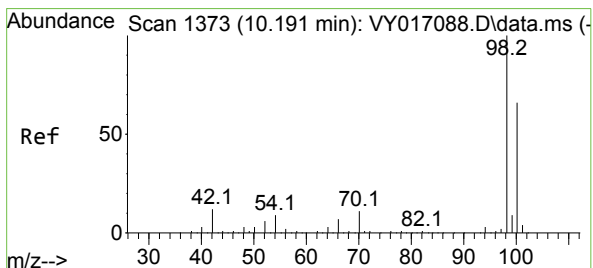
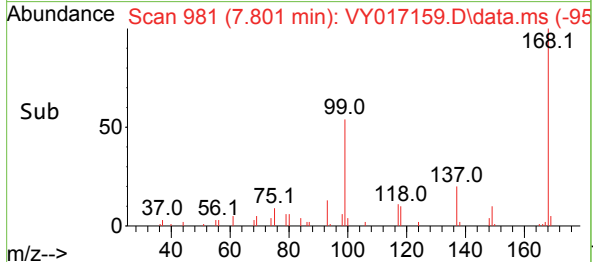
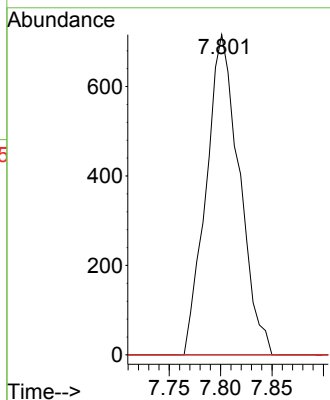
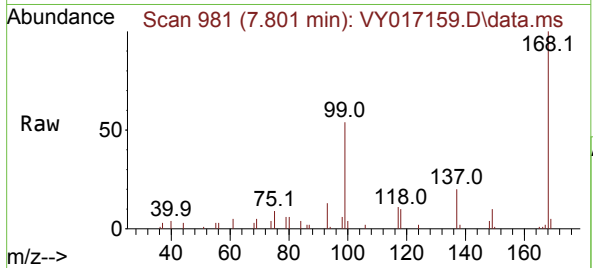




#38
Carbon Tetrachloride
Concen: 6.266 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017159.D
Acq: 31 Jan 2024 16:04

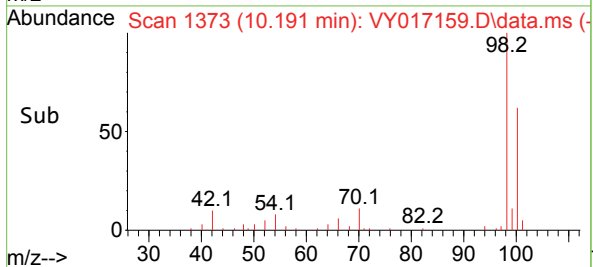
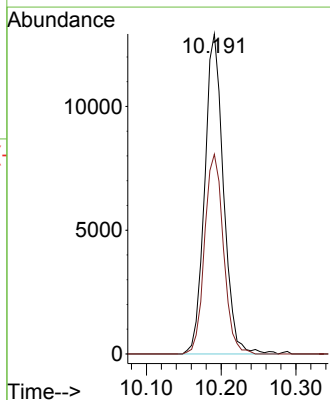
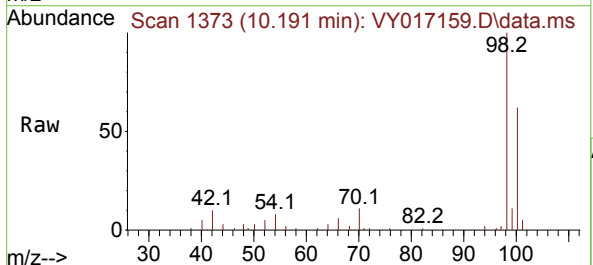
Instrument :
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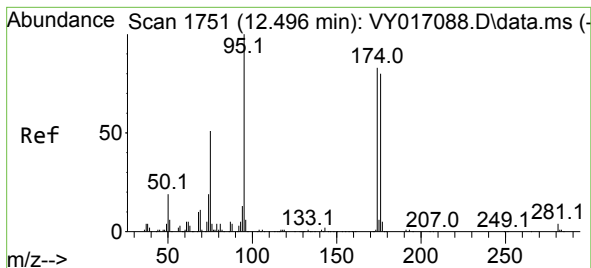
Tgt Ion:117 Resp: 1608
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 37.584 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY017159.D
Acq: 31 Jan 2024 16:04

Tgt Ion: 98 Resp: 22593
Ion Ratio Lower Upper
98 100
100 62.6 52.3 78.5

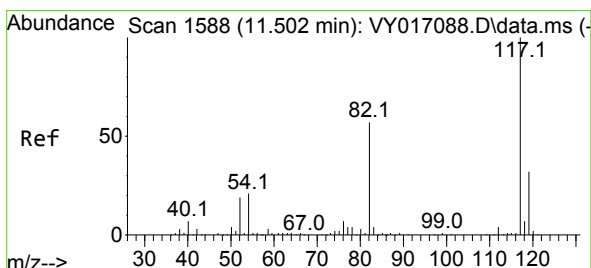
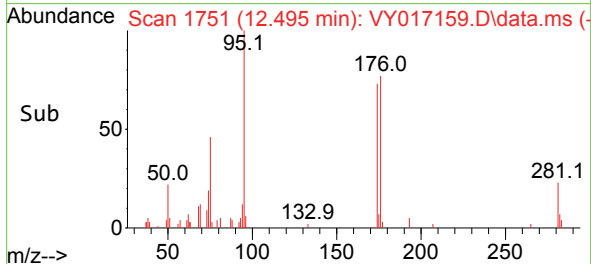
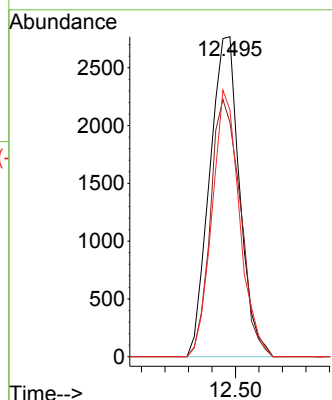
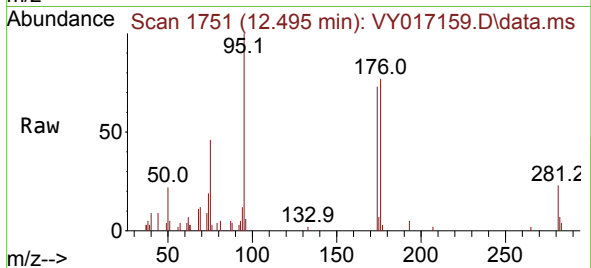




#62
4-Bromofluorobenzene
Concen: 26.509 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017159.D
Acq: 31 Jan 2024 16:04

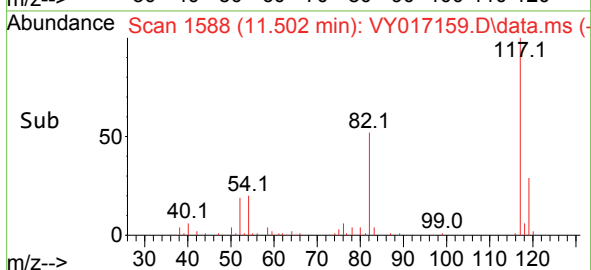
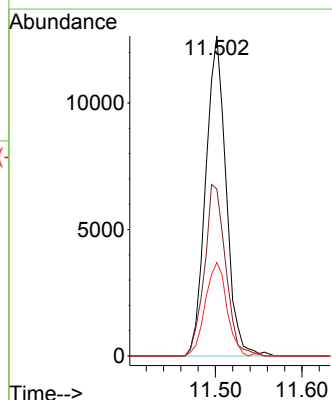
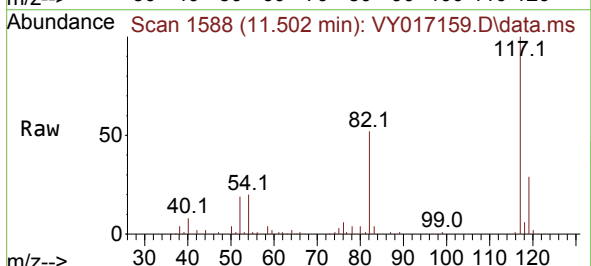
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

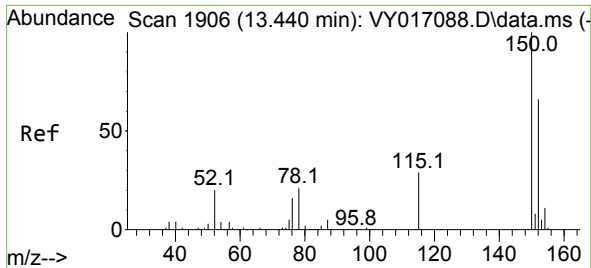
Tgt Ion:	95	Resp:	4909
Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	160.0
176	76.4	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY017159.D
Acq: 31 Jan 2024 16:04

Tgt Ion:	117	Resp:	20648
Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.8	65.8
119	29.2	26.5	39.7

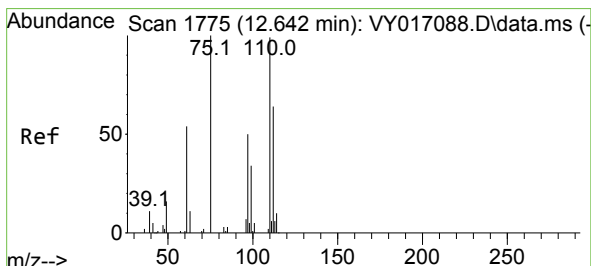
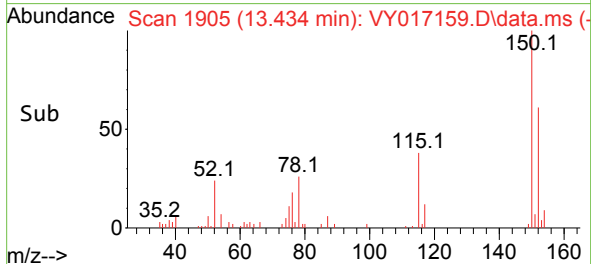
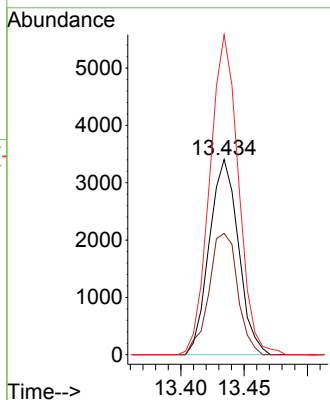
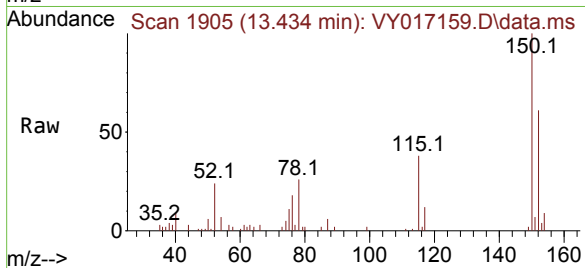




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017159.D
Acq: 31 Jan 2024 16:04

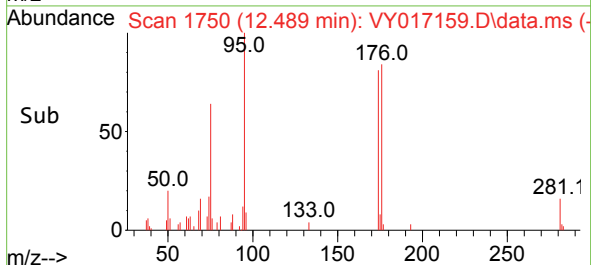
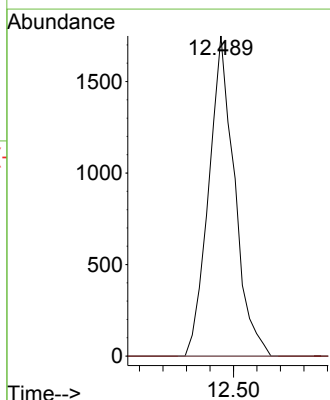
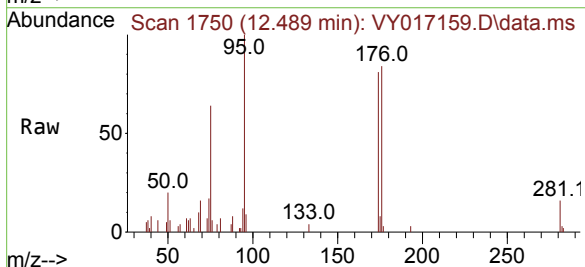
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

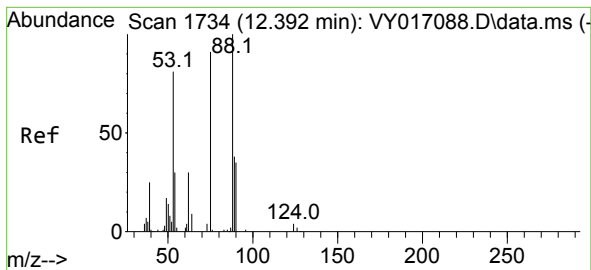
Tgt Ion:152 Resp: 5448
Ion Ratio Lower Upper
152 100
115 61.4 30.0 90.0
150 161.9 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 40.452 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY017159.D
Acq: 31 Jan 2024 16:04

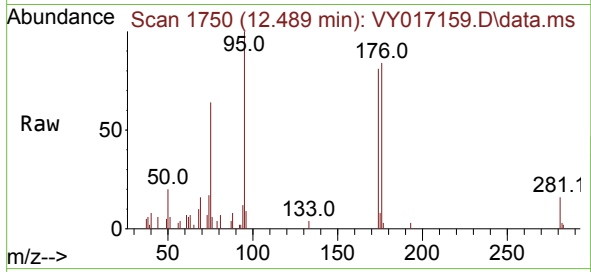
Tgt Ion: 75 Resp: 2675
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.725 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY017159.D
 Acq: 31 Jan 2024 16:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3



Tgt Ion: 75 Resp: 2675
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

