

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031324\
 Data File : VU058087.D
 Acq On : 13 Mar 2024 17:31
 Operator : MD/SY
 Sample : P1729-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 14 04:41:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 14 04:37:22 2024
 Response via : Initial Calibration

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

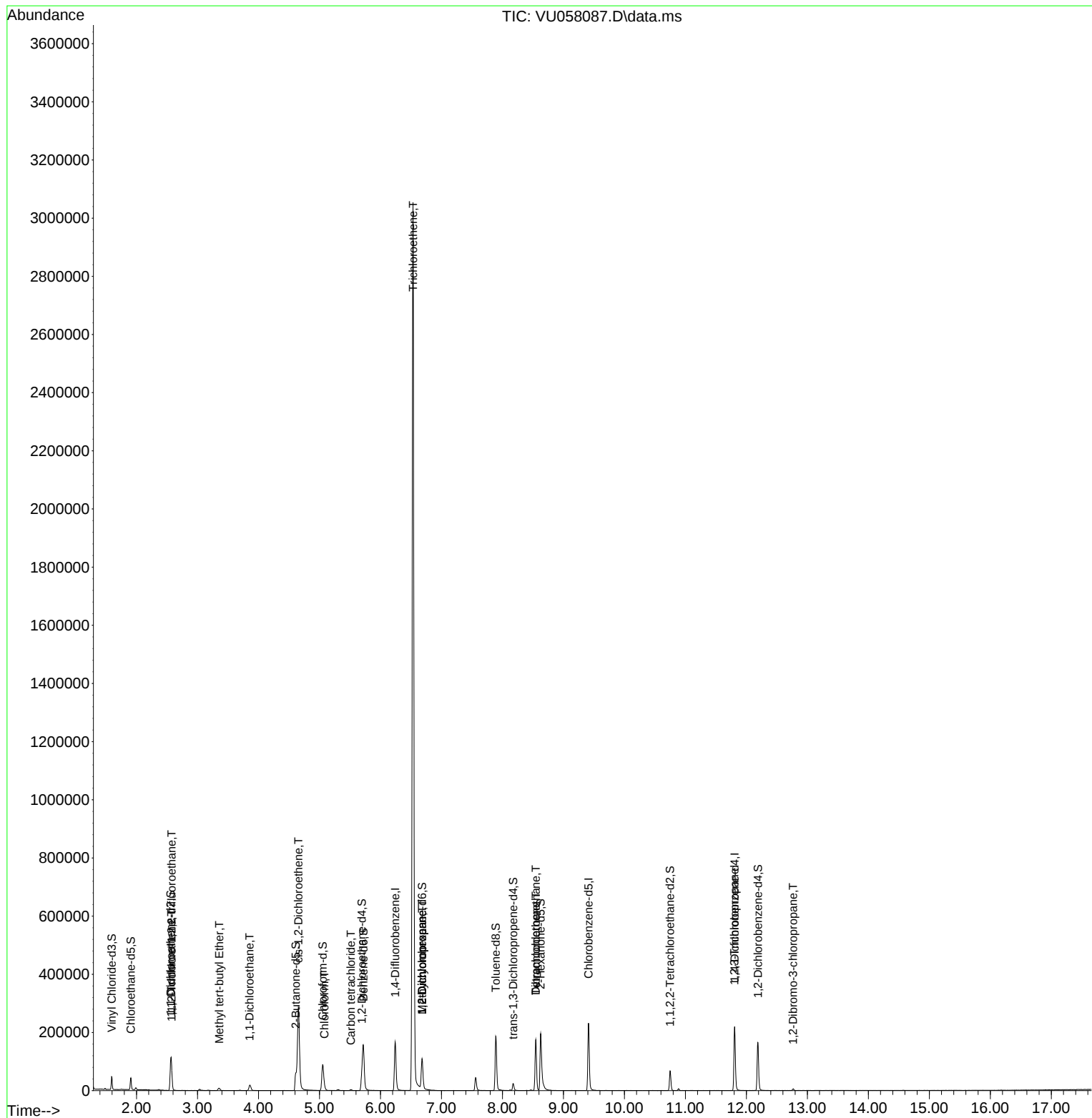
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	135833	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	131276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59688	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	27830	2.848	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.000%
7) Chloroethane-d5	1.907	69	29171	3.632	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.560	65	13732	3.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	4.612	46	91175	56.621	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.240%
24) Chloroform-d	5.052	84	80817	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.695	65	39962	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.721	84	151012	3.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.682	67	51096	4.393	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.891	98	129031	3.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.177	79	14826	3.707	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.627	63	73706	54.891	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.780%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	35670	5.002	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	45205	4.599	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	1790	0.194	ug/L #	86
12) 1,1-Dichloroethene	2.573	96	20713	2.527	ug/L	93
17) Methyl tert-butyl Ether	3.358	73	7055	0.364	ug/L #	91
19) 1,1-Dichloroethane	3.856	63	23368	1.312	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	148748	15.147	ug/L	97
25) Chloroform	5.081	83	8331	0.458	ug/L	97
31) Carbon tetrachloride	5.515	117	2118	0.156	ug/L	98
34) Trichloroethene	6.534	95	1066663	100.637	ug/L	98
35) Methylcyclohexane	6.682	83	11798	0.726	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	5500	0.529	ug/L #	89
47) Tetrachloroethene	8.547	164	37211	5.060	ug/L	98
49) Dibromochloromethane	8.547	129	38276	5.250	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	8360	1.710	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	12.766	75	72	0.074	ug/L #	7

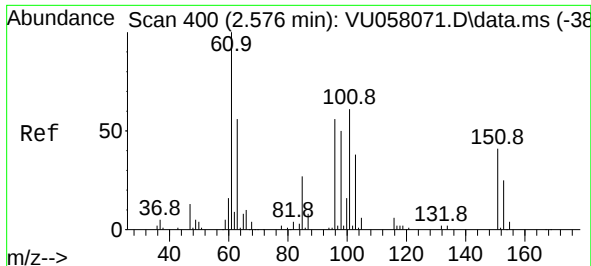
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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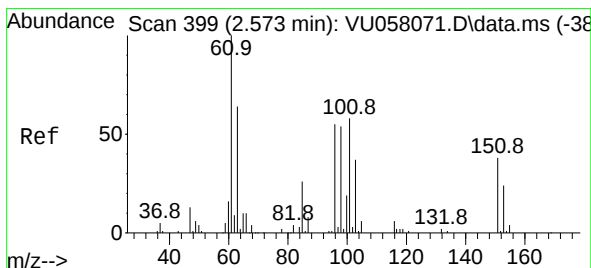
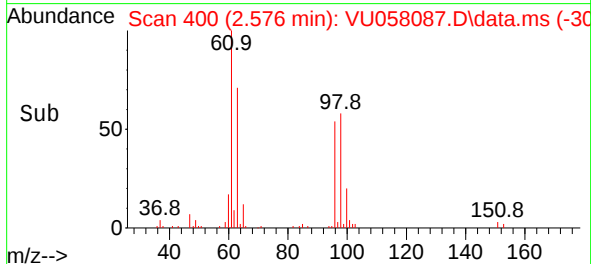
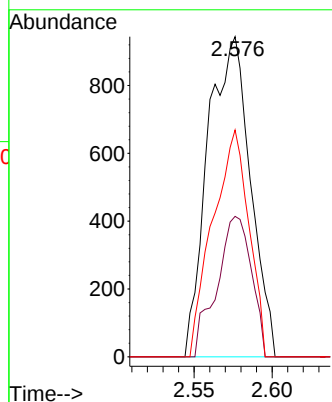
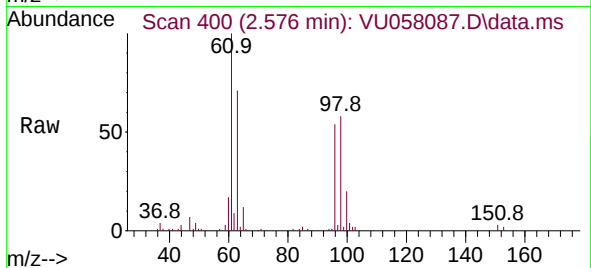




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.194 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU058087.D
Acq: 13 Mar 2024 17:31

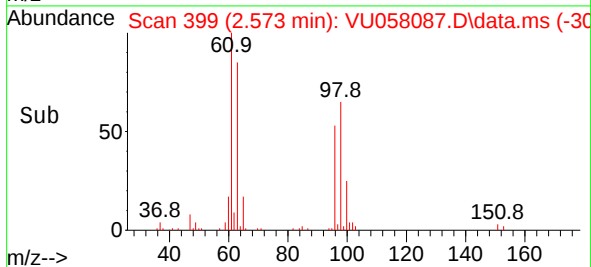
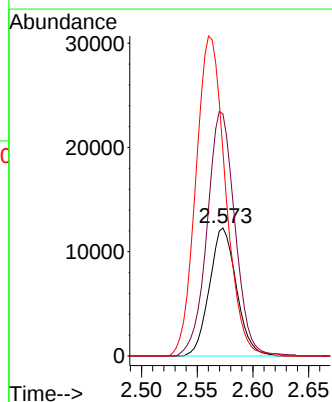
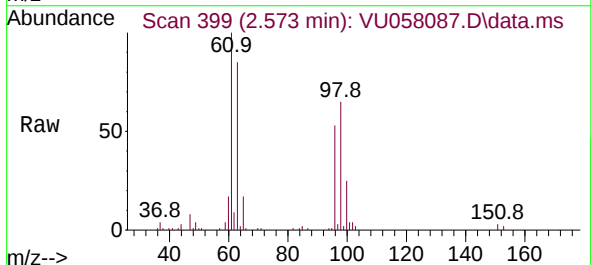
Instrument :
MSVOA_U
ClientSampleId :

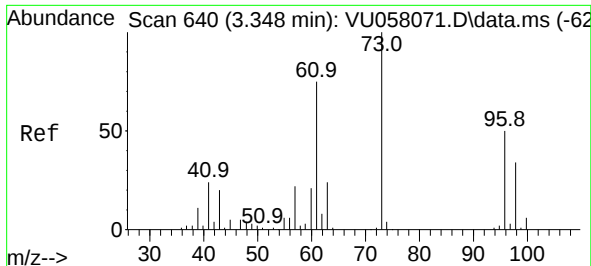
Tgt Ion:101 Resp: 1790
Ion Ratio Lower Upper
101 100
85 35.7 37.3 55.9#
151 60.3 56.0 84.0



#12
1,1-Dichloroethene
Concen: 2.527 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058087.D
Acq: 13 Mar 2024 17:31

Tgt Ion: 96 Resp: 20713
Ion Ratio Lower Upper
96 100
61 189.0 131.8 244.8
63 160.2 98.1 182.1

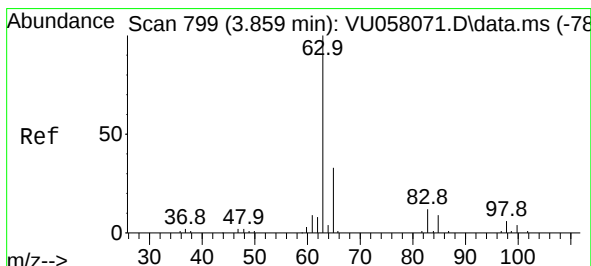
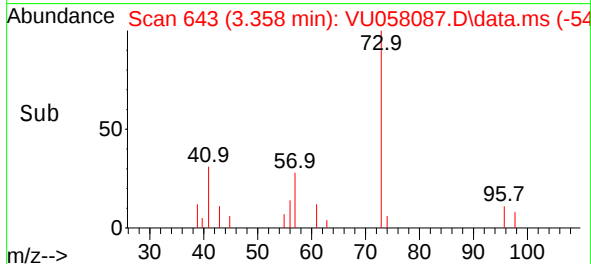
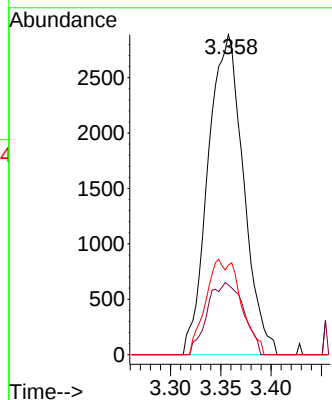
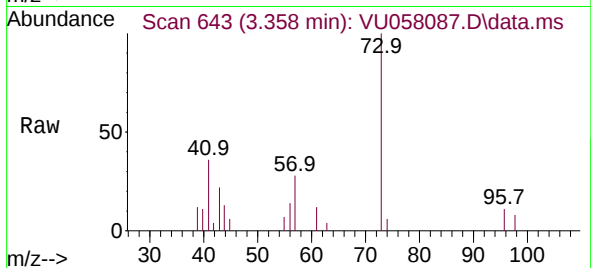




#17
Methyl tert-butyl Ether
Concen: 0.364 ug/L
RT: 3.358 min Scan# 640
Delta R.T. 0.010 min
Lab File: VU058087.D
Acq: 13 Mar 2024 17:31

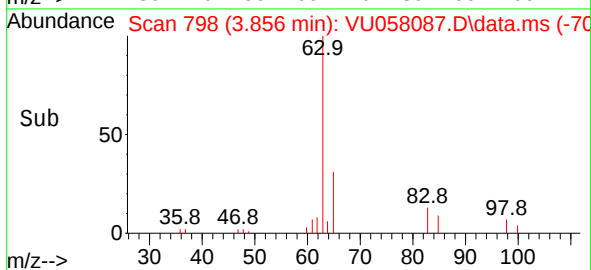
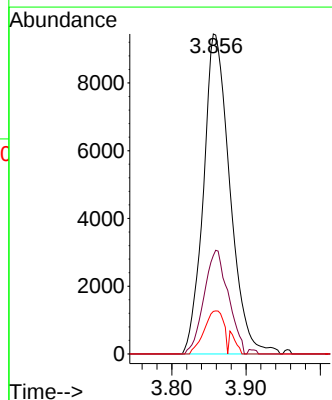
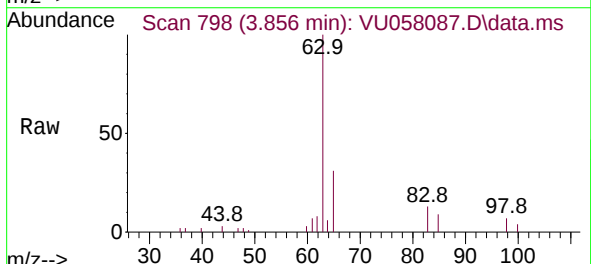
Instrument :
MSVOA_U
ClientSampleId :

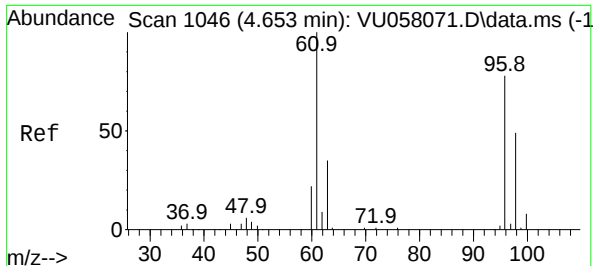
Tgt Ion: 73 Resp: 7055
Ion Ratio Lower Upper
73 100
43 23.1 16.2 24.4
57 16.7 17.9 26.9#



#19
1,1-Dichloroethane
Concen: 1.312 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU058087.D
Acq: 13 Mar 2024 17:31

Tgt Ion: 63 Resp: 23368
Ion Ratio Lower Upper
63 100
65 29.1 22.1 41.1
83 12.6 9.0 16.6

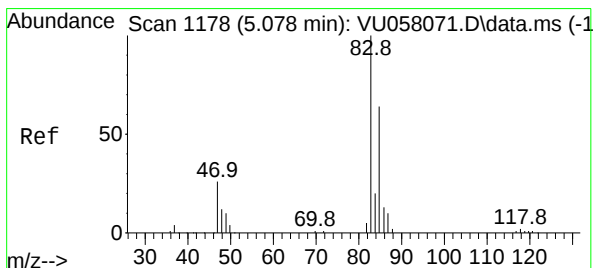
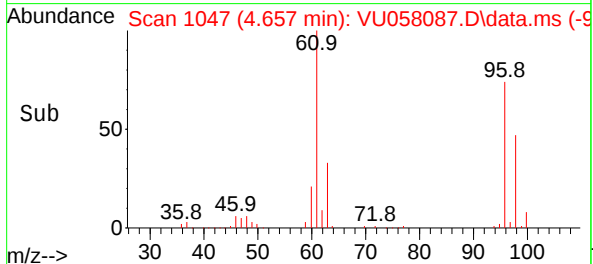
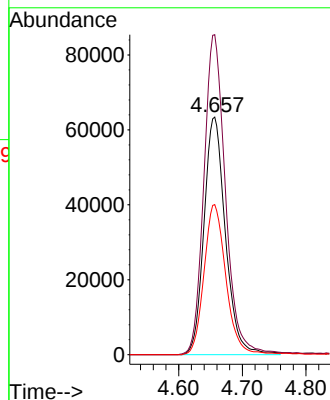
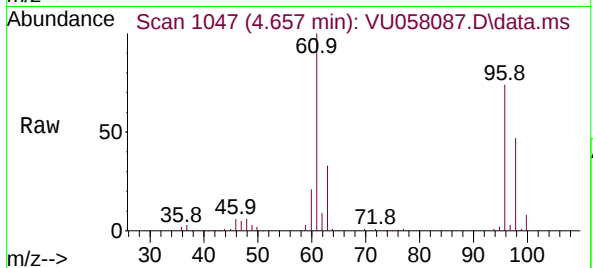




#22
cis-1,2-Dichloroethene
Concen: 15.147 ug/L
RT: 4.657 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU058087.D
Acq: 13 Mar 2024 17:31

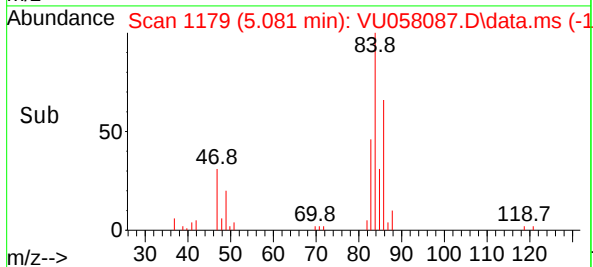
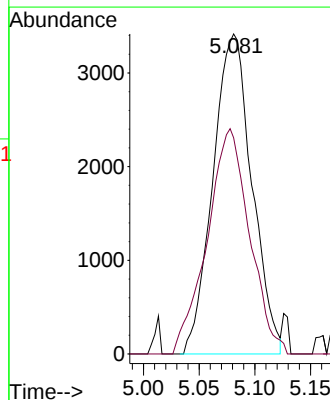
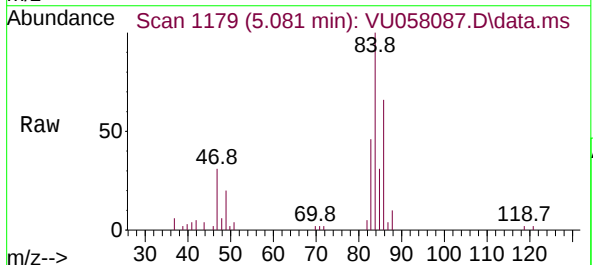
Instrument :
MSVOA_U
ClientSampleId :

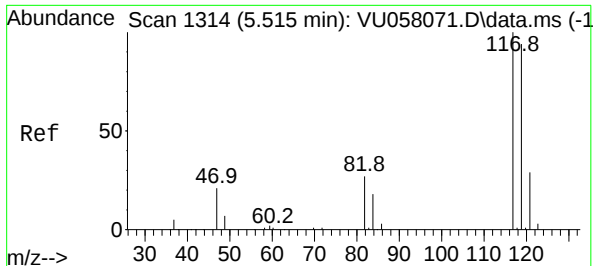
Tgt Ion: 96 Resp: 148748
Ion Ratio Lower Upper
96 100
61 134.6 97.2 180.4
98 63.1 45.5 84.5



#25
Chloroform
Concen: 0.458 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU058087.D
Acq: 13 Mar 2024 17:31

Tgt Ion: 83 Resp: 8331
Ion Ratio Lower Upper
83 100
85 67.6 45.4 84.4

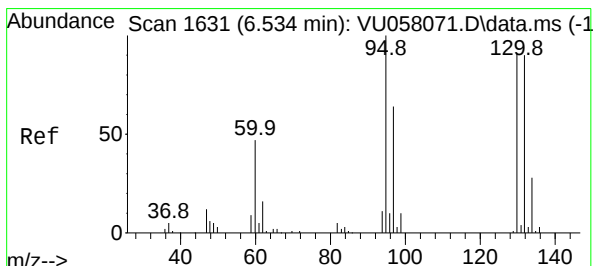
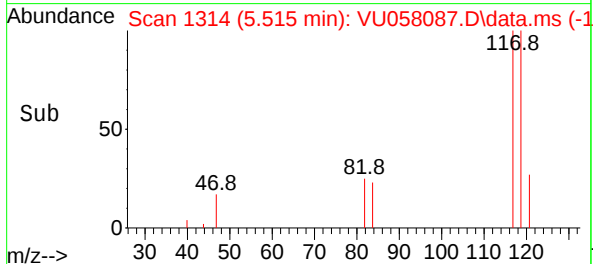
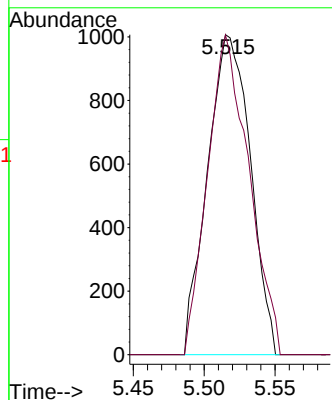
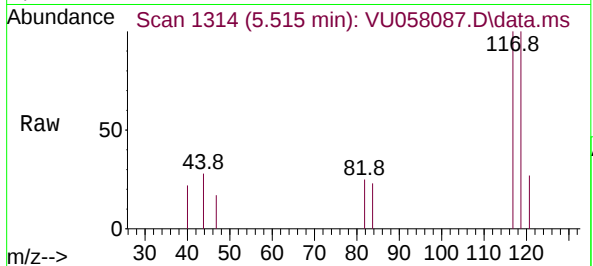




#31
Carbon tetrachloride
Concen: 0.156 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU058087.D
Acq: 13 Mar 2024 17:31

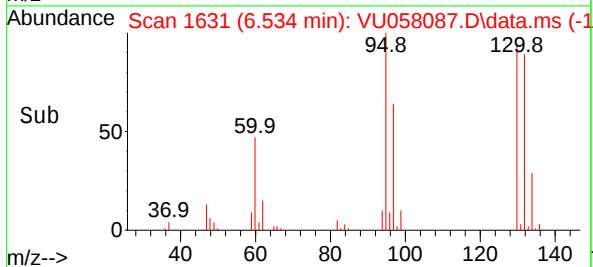
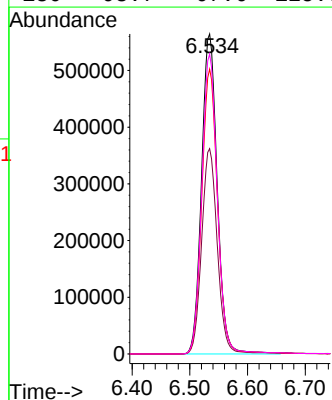
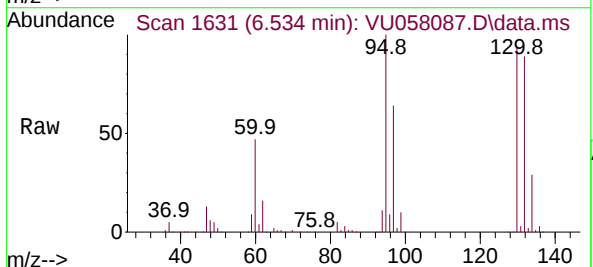
Instrument :
MSVOA_U
ClientSampleId :

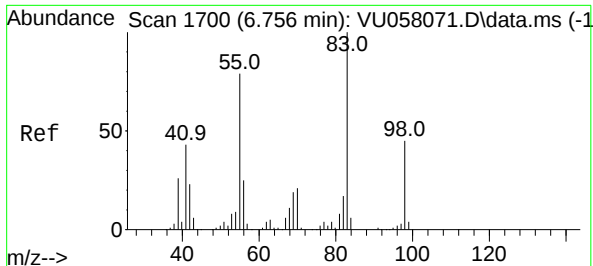
Tgt Ion:117 Resp: 2118
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8



#34
Trichloroethene
Concen: 100.637 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU058087.D
Acq: 13 Mar 2024 17:31

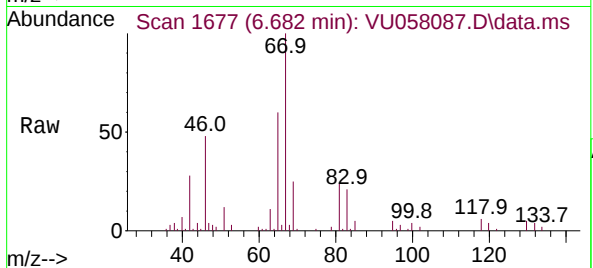
Tgt Ion: 95 Resp: 1066663
Ion Ratio Lower Upper
95 100
97 64.1 45.3 84.1
132 89.0 63.1 117.1
130 93.7 67.6 125.6



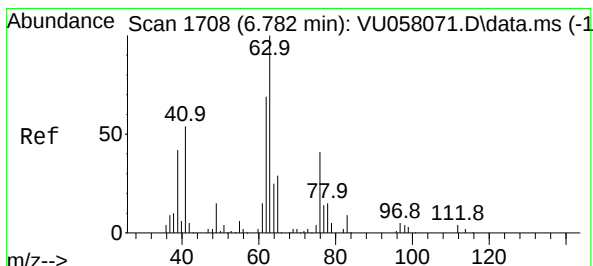
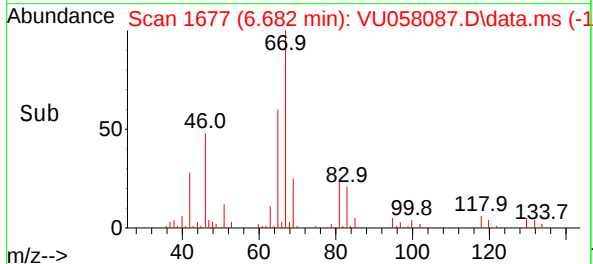
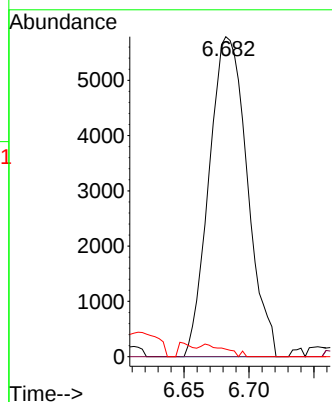


#35
Methylcyclohexane
Concen: 0.726 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058087.D
Acq: 13 Mar 2024 17:31

Instrument :
MSVOA_U
ClientSampleId :

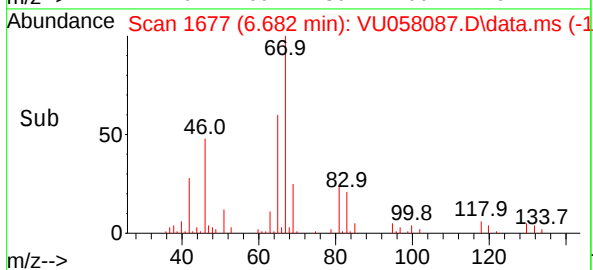
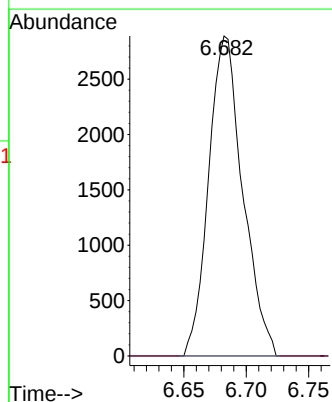
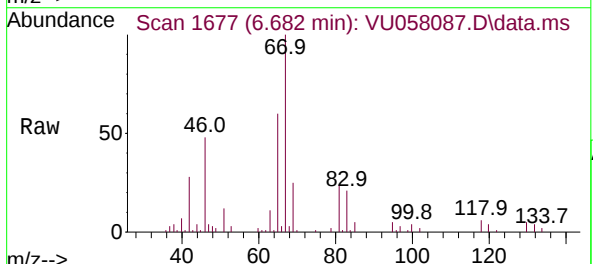


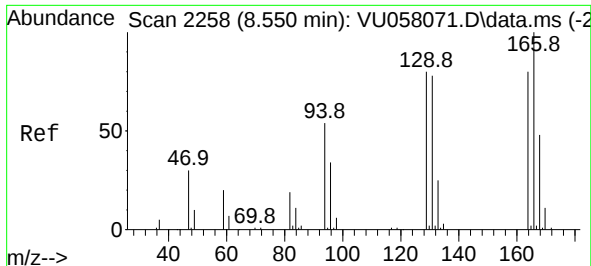
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.0	94.6#
98	0.0	36.2	54.4#



#37
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU058087.D
Acq: 13 Mar 2024 17:31

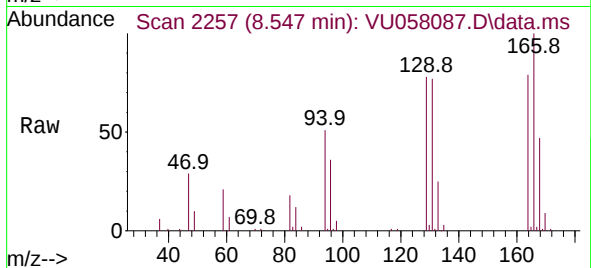
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



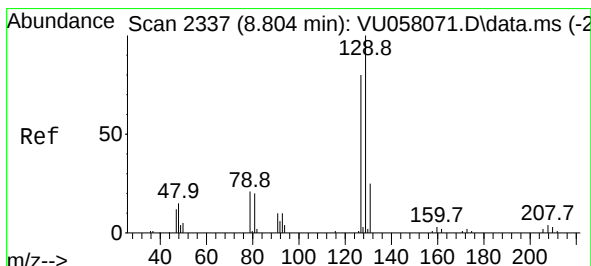
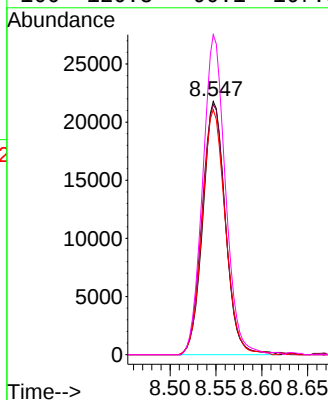
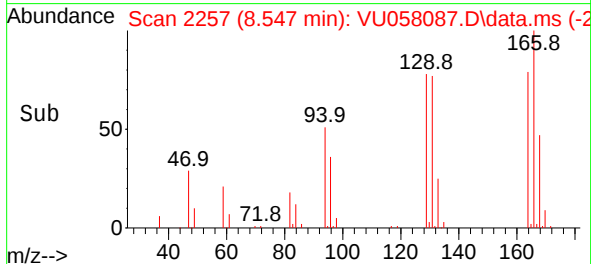


#47
Tetrachloroethene
Concen: 5.060 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU058087.D
Acq: 13 Mar 2024 17:31

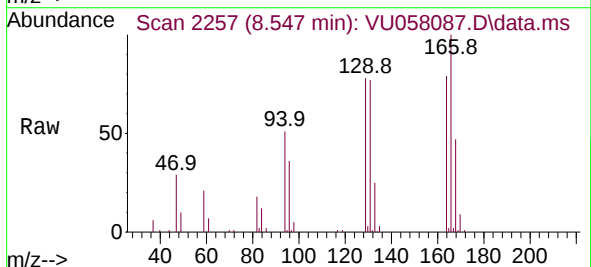
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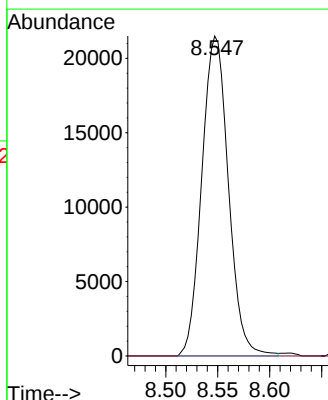
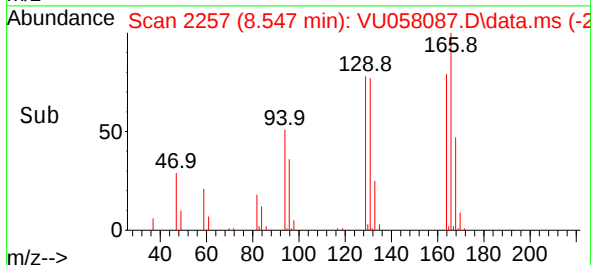
Tgt Ion:164 Resp: 37211
Ion Ratio Lower Upper
164 100
129 98.7 69.3 128.7
131 96.7 69.9 129.9
166 126.3 90.1 167.3

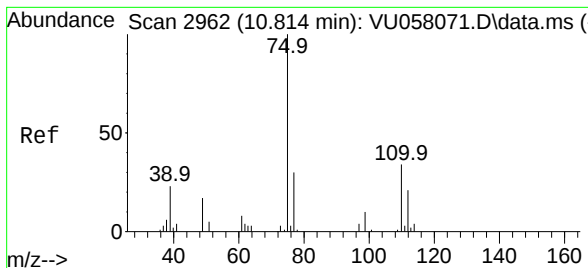


#49
Dibromochloromethane
Concen: 5.250 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU058087.D
Acq: 13 Mar 2024 17:31



Tgt Ion:129 Resp: 38276
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#





#61

1,2,3-Trichloropropane

Concen: 1.710 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU058087.D

Acq: 13 Mar 2024 17:31

Instrument :

MSVOA_U

ClientSampleId :

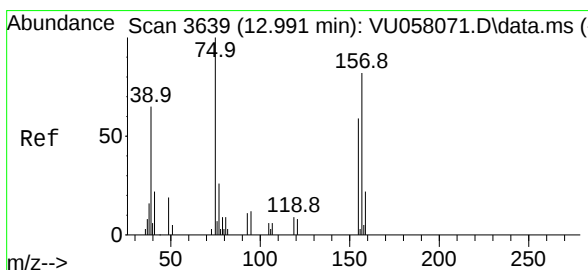
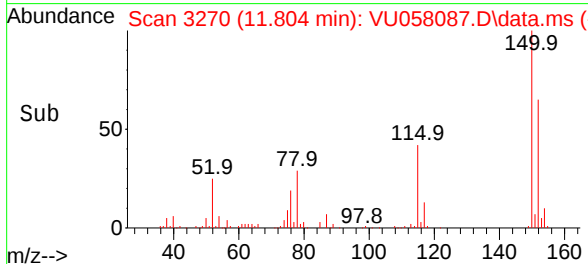
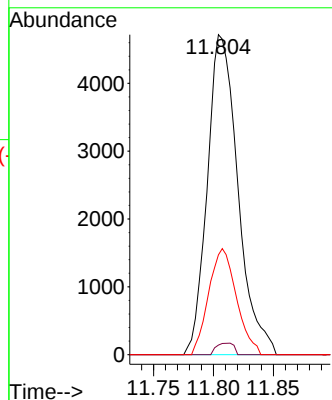
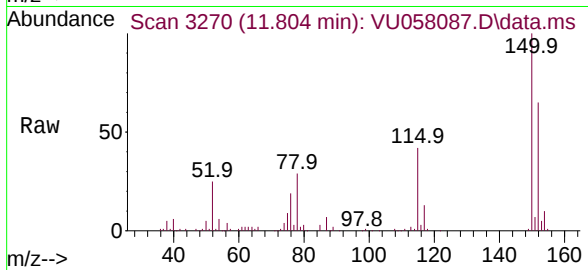
Tgt Ion: 75 Resp: 8360

Ion Ratio Lower Upper

75 100

110 2.0 28.0 42.0#

77 30.1 24.7 37.1



#68

1,2-Dibromo-3-chloropropane

Concen: 0.074 ug/L

RT: 12.766 min Scan# 3569

Delta R.T. -0.225 min

Lab File: VU058087.D

Acq: 13 Mar 2024 17:31

Tgt Ion: 75 Resp: 72

Ion Ratio Lower Upper

75 100

155 0.0 61.0 91.6#

157 0.0 74.6 112.0#

