

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031224\
 Data File : VU058060.D
 Acq On : 12 Mar 2024 15:20
 Operator : MD/SY
 Sample : P1715-15DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 02:02:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 13 01:58:39 2024
 Response via : Initial Calibration

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

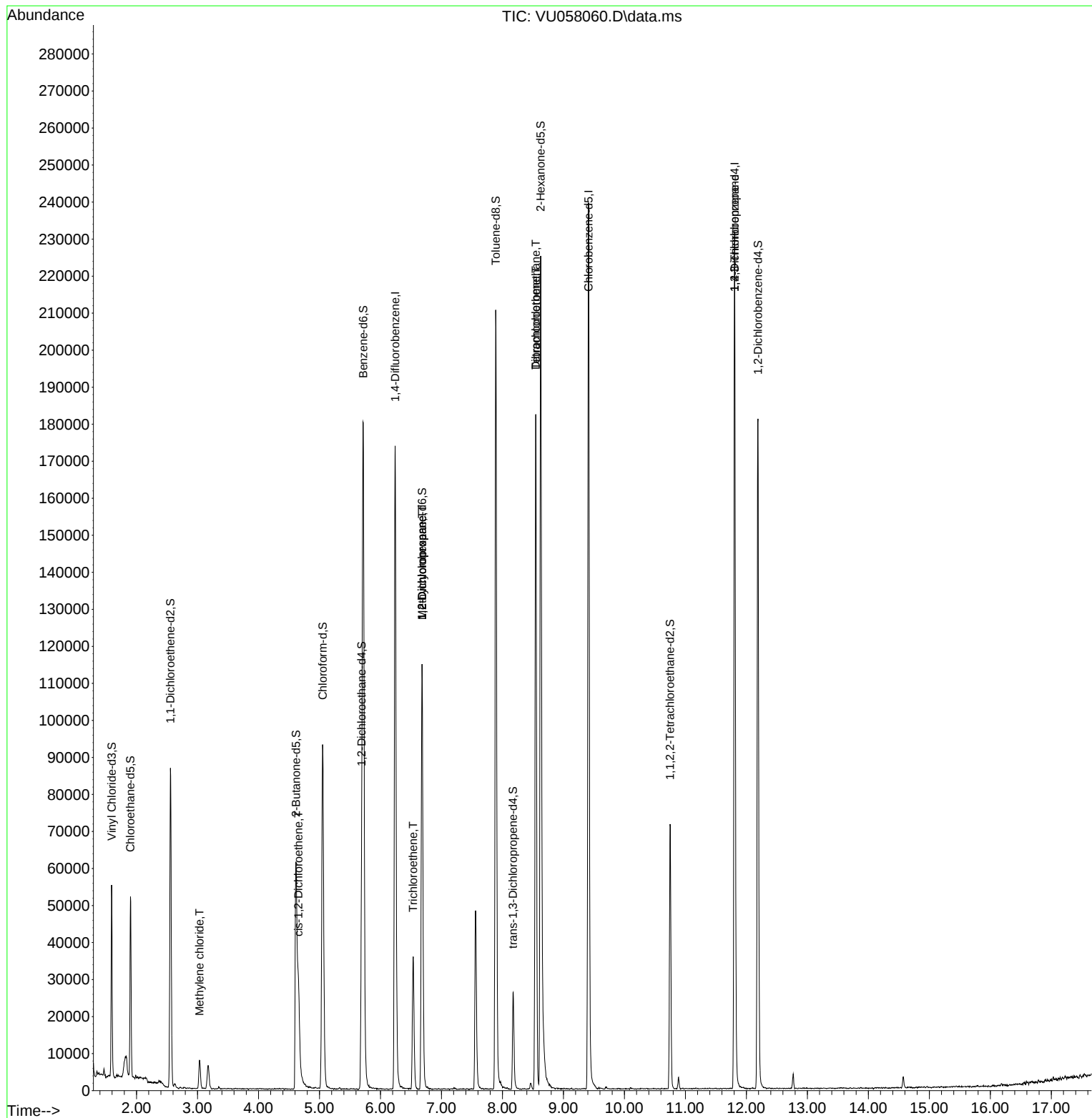
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	139581	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	132434	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60049	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	36386	3.623	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.901	69	34410	4.169	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.557	65	17066	3.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.615	46	95699	57.835	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.660%
24) Chloroform-d	5.052	84	89073	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.692	65	43456	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.717	84	170371	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.682	67	56344	4.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.891	98	143277	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.174	79	16628	4.121	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.627	63	77823	57.451	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.900%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	36582	5.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	47389	4.792	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.033	84	3338	0.326	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	9266	0.918	ug/L	91
34) Trichloroethene	6.537	95	12840	1.201	ug/L	95
35) Methylcyclohexane	6.682	83	12525	0.764	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6149	0.587	ug/L #	89
47) Tetrachloroethene	8.547	164	38682	5.214	ug/L	98
49) Dibromochloromethane	8.547	129	38550	5.241	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	7661	1.557	ug/L #	68

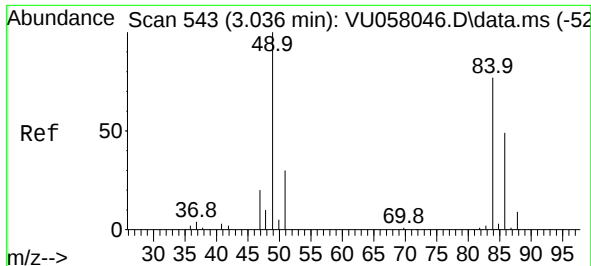
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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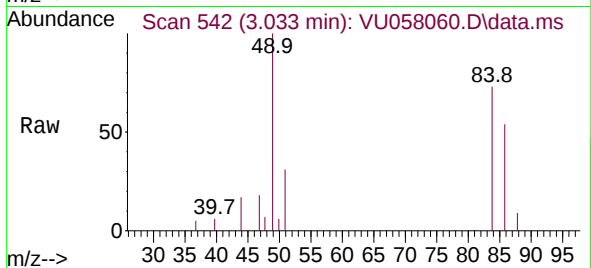
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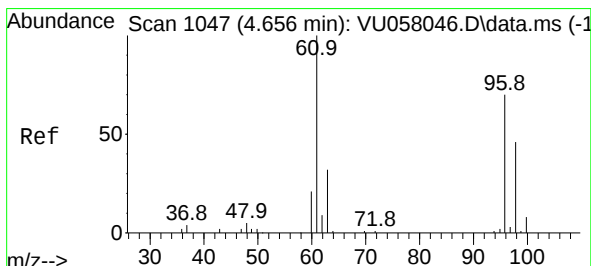
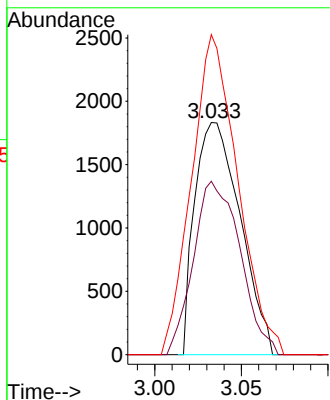
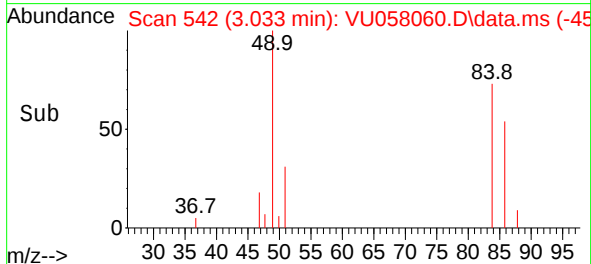


#16
Methylene chloride
Concen: 0.326 ug/L
RT: 3.033 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU058060.D
Acq: 12 Mar 2024 15:20

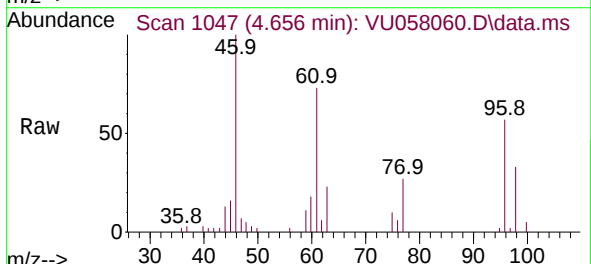
Instrument :
MSVOA_U
ClientSampleId :



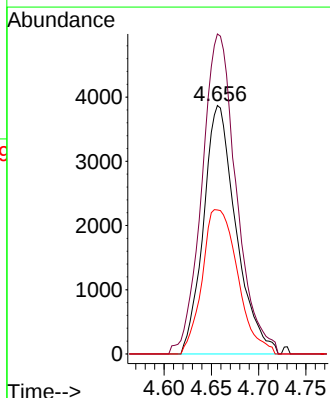
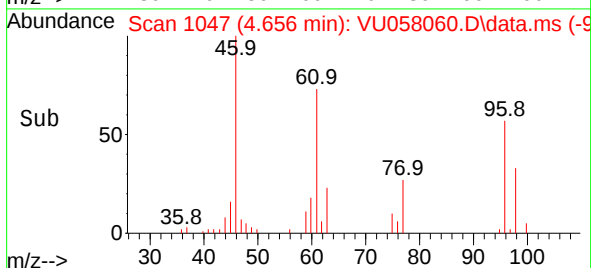
Tgt Ion: 84 Resp: 3338
Ion Ratio Lower Upper
84 100
86 74.7 44.4 82.4
49 137.8 88.8 165.0

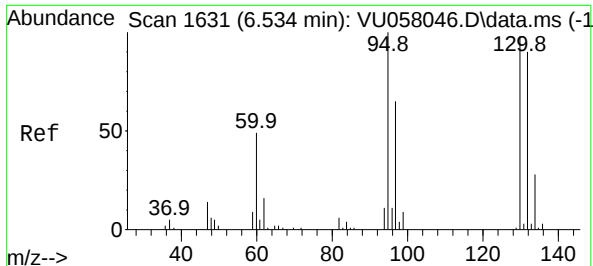


#22
cis-1,2-Dichloroethene
Concen: 0.918 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU058060.D
Acq: 12 Mar 2024 15:20



Tgt Ion: 96 Resp: 9266
Ion Ratio Lower Upper
96 100
61 128.8 97.2 180.4
98 57.9 45.5 84.5





#34

Trichloroethene

Concen: 1.201 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058060.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 12840

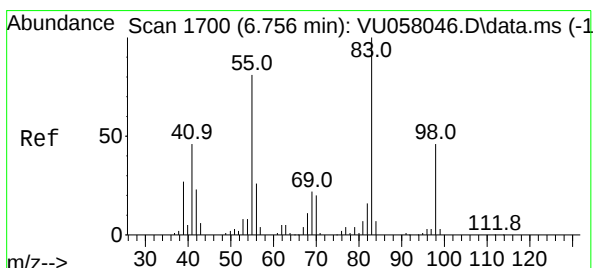
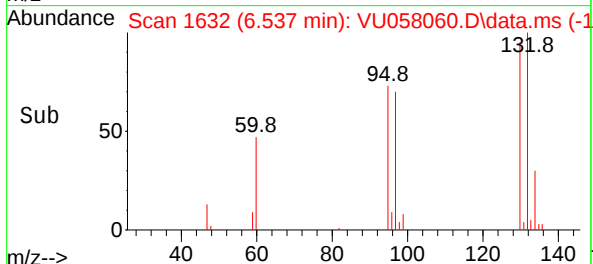
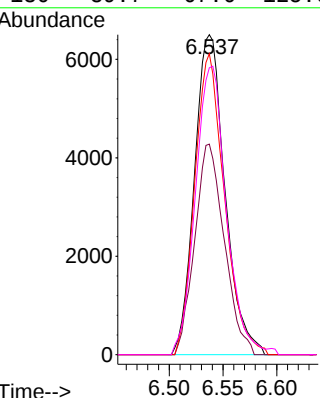
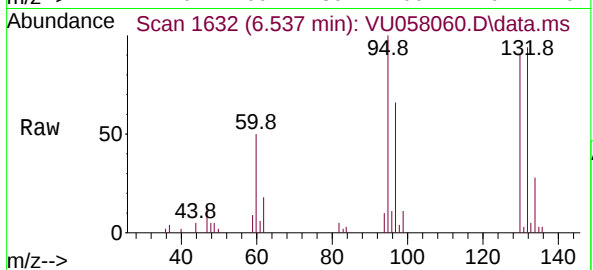
Ion Ratio Lower Upper

95 100

97 65.8 45.3 84.1

132 94.0 63.1 117.1

130 89.7 67.6 125.6



#35

Methylcyclohexane

Concen: 0.764 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058060.D

Acq: 12 Mar 2024 15:20

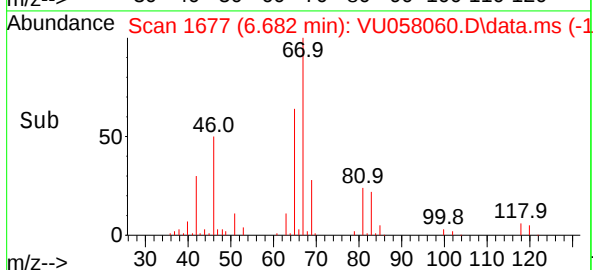
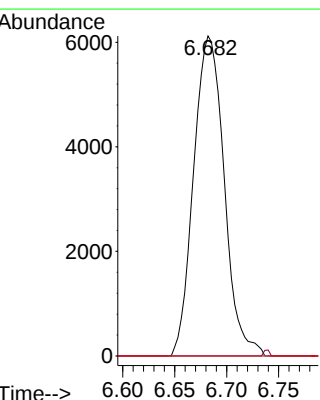
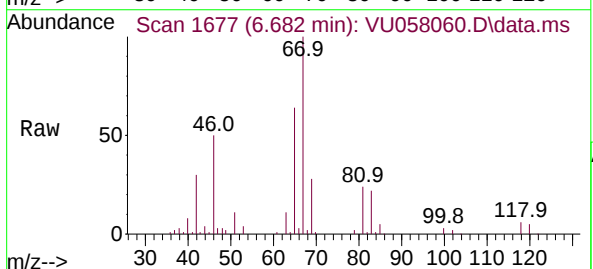
Tgt Ion: 83 Resp: 12525

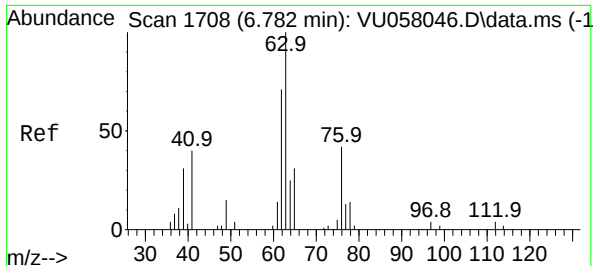
Ion Ratio Lower Upper

83 100

55 0.3 63.0 94.6#

98 0.0 36.2 54.4#

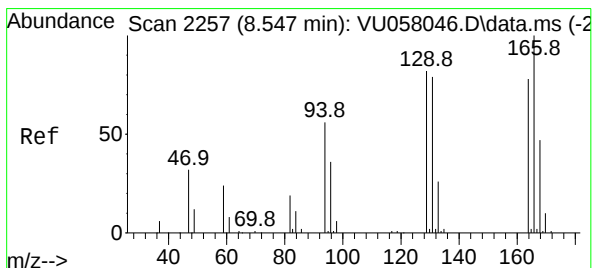
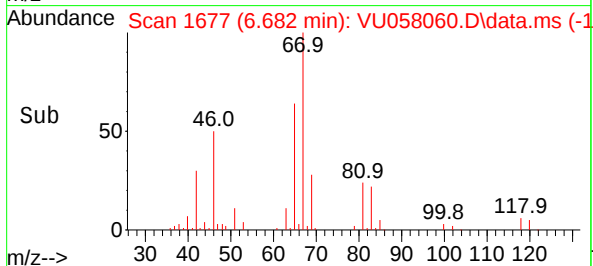
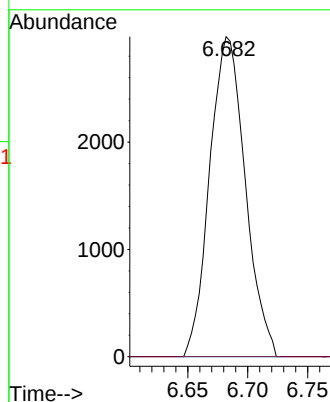
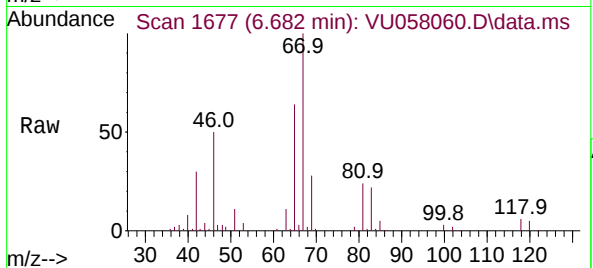




#37
1,2-Dichloropropane
Concen: 0.587 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058060.D
Acq: 12 Mar 2024 15:20

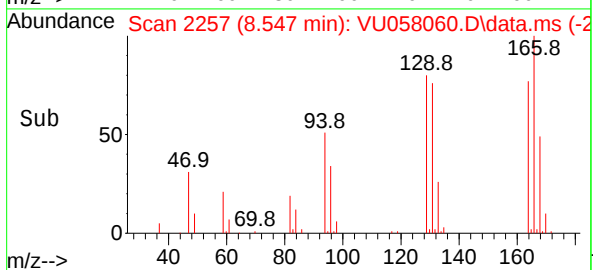
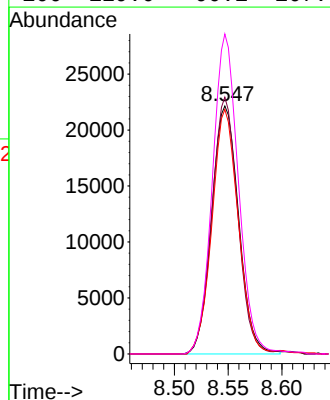
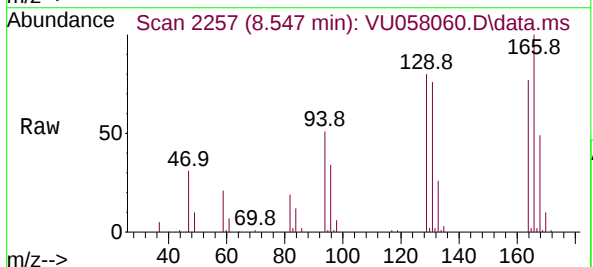
Instrument :
MSVOA_U
ClientSampleId :

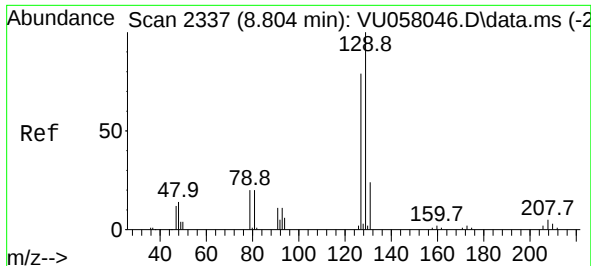
Tgt Ion: 63 Resp: 6149
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#47
Tetrachloroethene
Concen: 5.214 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058060.D
Acq: 12 Mar 2024 15:20

Tgt Ion:164 Resp: 38682
Ion Ratio Lower Upper
164 100
129 103.5 69.3 128.7
131 98.6 69.9 129.9
166 129.0 90.1 167.3





#49

Dibromochloromethane

Concen: 5.241 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058060.D

Acq: 12 Mar 2024 15:20

Instrument :

MSVOA_U

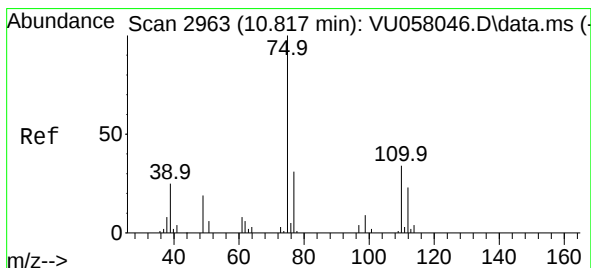
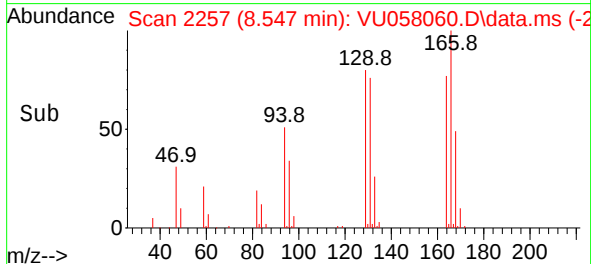
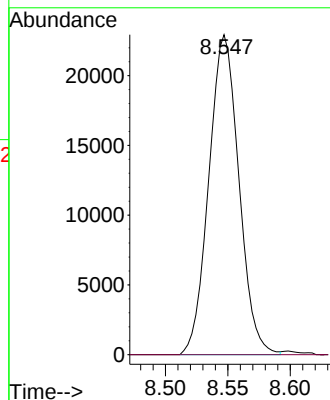
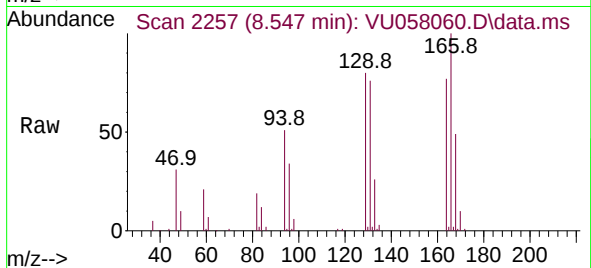
ClientSampleId :

Tgt Ion:129 Resp: 38550

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#61

1,2,3-Trichloropropane

Concen: 1.557 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058060.D

Acq: 12 Mar 2024 15:20

Tgt Ion: 75 Resp: 7661

Ion Ratio Lower Upper

75 100

110 2.0 28.0 42.0#

77 33.5 24.7 37.1

