

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031224\
 Data File : VU058062.D
 Acq On : 12 Mar 2024 16:07
 Operator : MD/SY
 Sample : P1715-06DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 02:02:38 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)

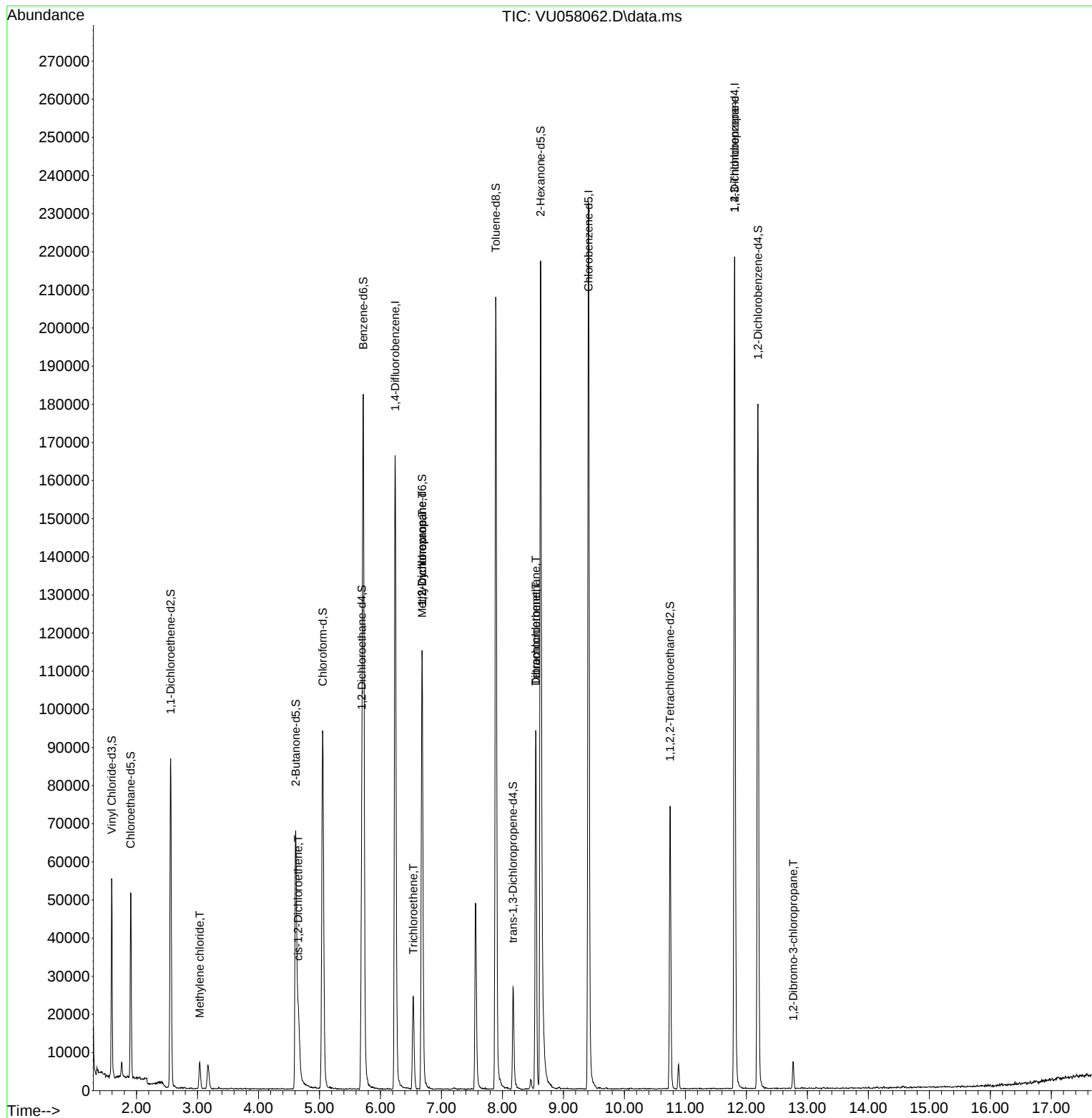
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	135307	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	129178	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	58164	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	35495	3.646	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.904	69	34920	4.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.560	65	16466	3.909	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.611	46	97257	60.633	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.260%
24) Chloroform-d	5.052	84	88755	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.695	65	44492	5.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.717	84	172520	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.682	67	58121	5.079	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.891	98	142035	4.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.174	79	16441	4.178	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.624	63	80521	60.941	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.880%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	37891	5.399	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	48471	5.060	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						Qvalue
16) Methylene chloride	3.036	84	3062	0.309	ug/L	92
22) cis-1,2-Dichloroethene	4.653	96	3210	0.328	ug/L	91
34) Trichloroethene	6.541	95	8770	0.841	ug/L	99
35) Methylcyclohexane	6.685	83	13094	0.819	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	5875	0.575	ug/L #	89
47) Tetrachloroethene	8.547	164	19593	2.708	ug/L	96
49) Dibromochloromethane	8.547	129	19847	2.766	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	7851	1.648	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.772	75	95	0.100	ug/L #	7

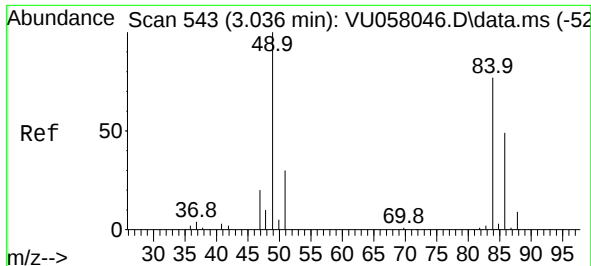
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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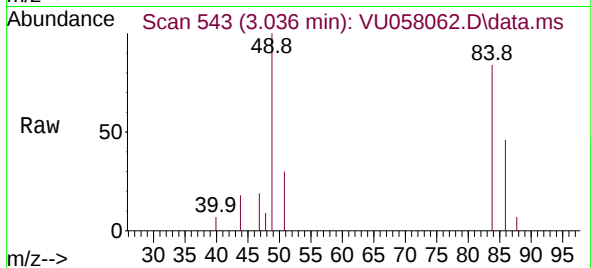
Quant Time: Mar 13 02:02:38 2024
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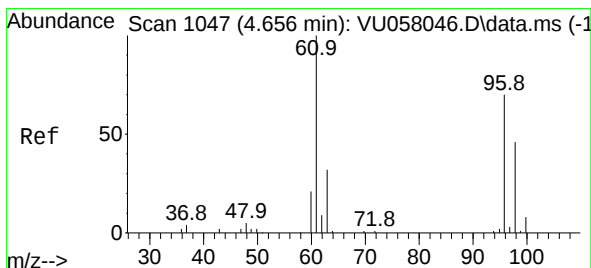
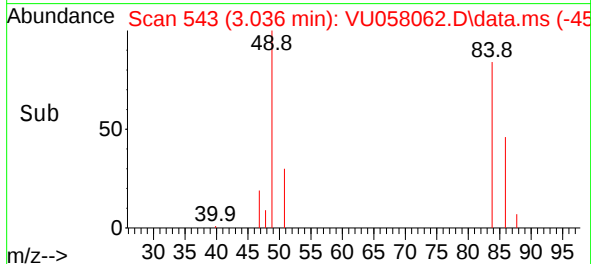
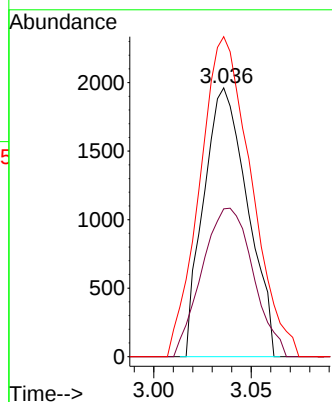


#16
Methylene chloride
Concen: 0.309 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU058062.D
Acq: 12 Mar 2024 16:07

Instrument :
MSVOA_U
ClientSampleId :

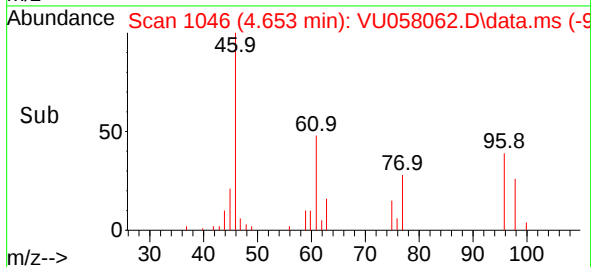
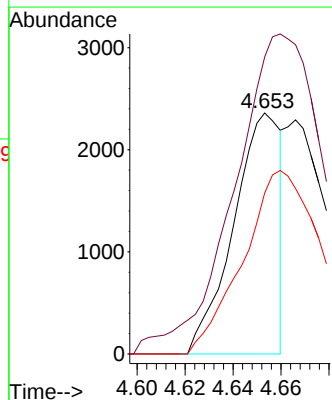
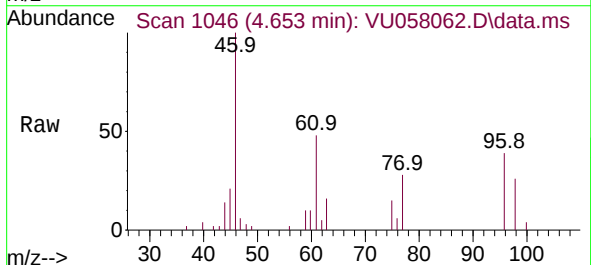


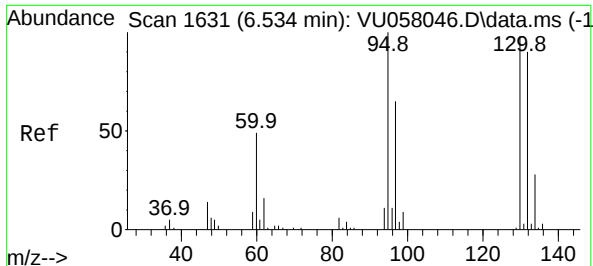
Tgt Ion: 84 Resp: 3062
Ion Ratio Lower Upper
84 100
86 55.0 44.4 82.4
49 119.0 88.8 165.0



#22
cis-1,2-Dichloroethene
Concen: 0.328 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU058062.D
Acq: 12 Mar 2024 16:07

Tgt Ion: 96 Resp: 3210
Ion Ratio Lower Upper
96 100
61 123.3 97.2 180.4
98 66.8 45.5 84.5

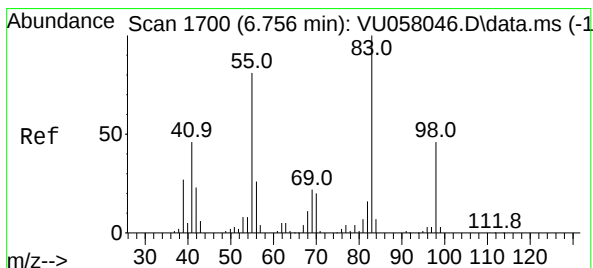
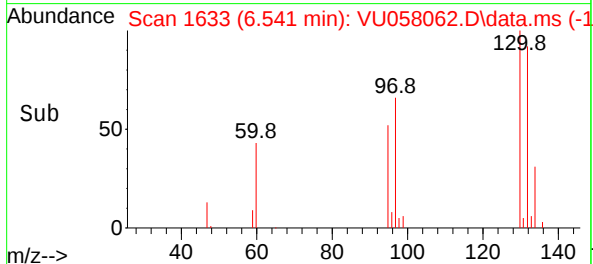
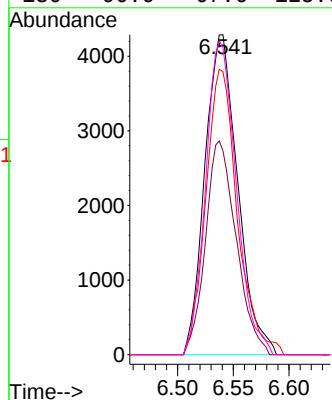
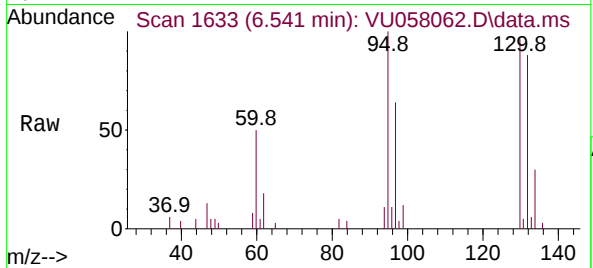




#34
Trichloroethene
Concen: 0.841 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU058062.D
Acq: 12 Mar 2024 16:07

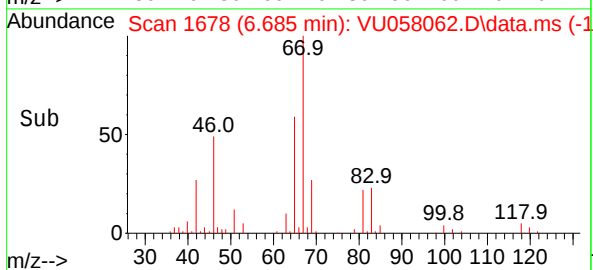
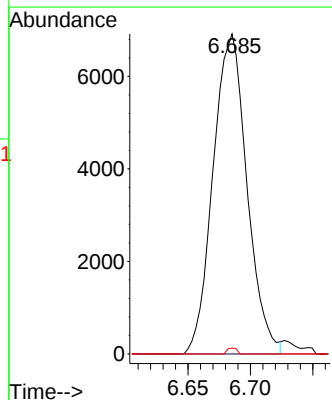
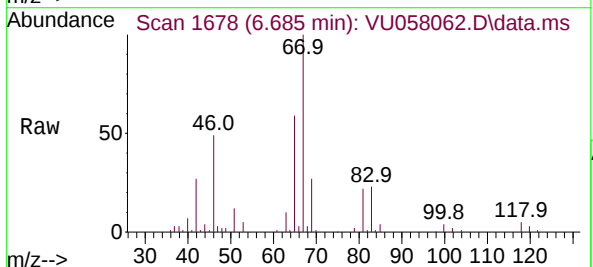
Instrument :
MSVOA_U
ClientSampleId :

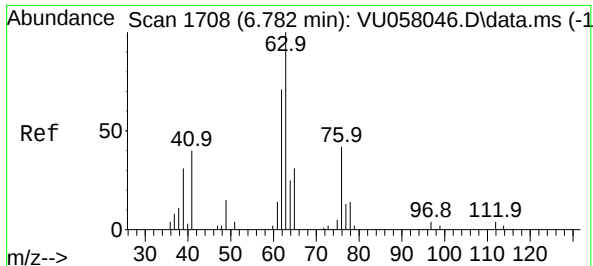
Tgt Ion: 95 Resp: 8770
Ion Ratio Lower Upper
95 100
97 63.8 45.3 84.1
132 88.4 63.1 117.1
130 96.0 67.6 125.6



#35
Methylcyclohexane
Concen: 0.819 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU058062.D
Acq: 12 Mar 2024 16:07

Tgt Ion: 83 Resp: 13094
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.6#
98 0.5 36.2 54.4#

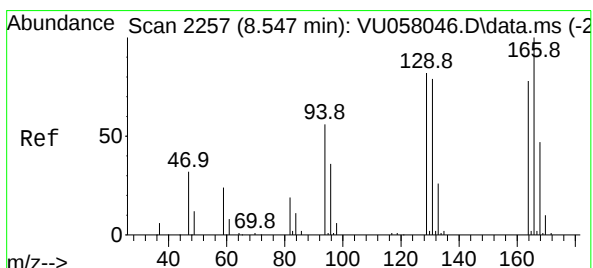
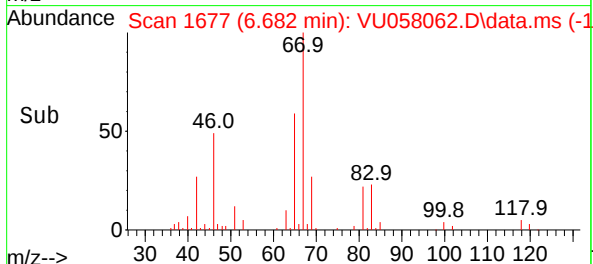
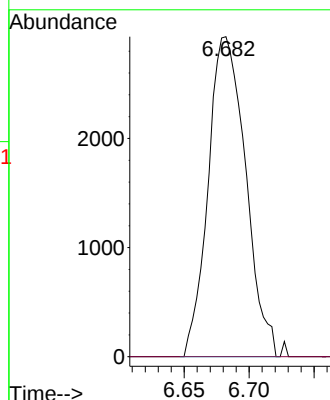
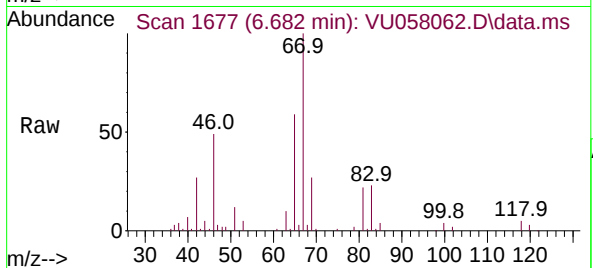




#37
1,2-Dichloropropane
Concen: 0.575 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058062.D
Acq: 12 Mar 2024 16:07

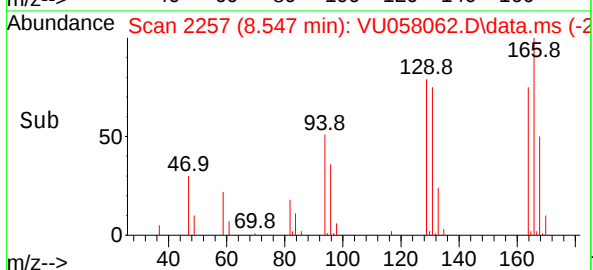
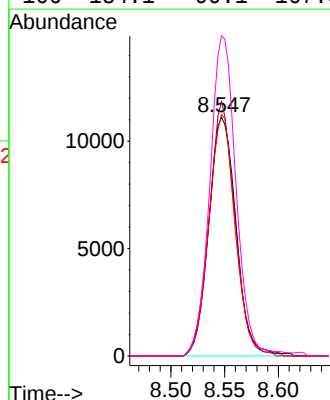
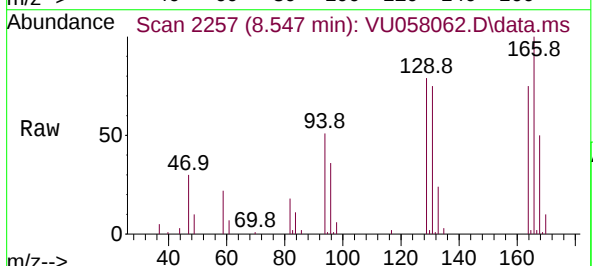
Instrument :
MSVOA_U
ClientSampleId :

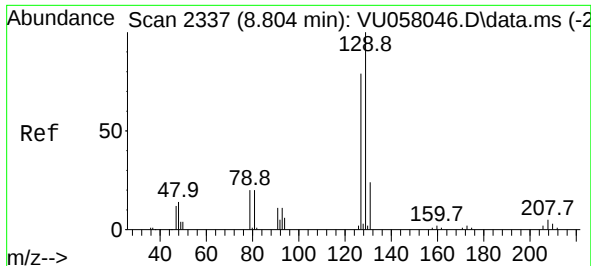
Tgt Ion: 63 Resp: 5875
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#47
Tetrachloroethene
Concen: 2.708 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058062.D
Acq: 12 Mar 2024 16:07

Tgt Ion:164 Resp: 19593
Ion Ratio Lower Upper
164 100
129 106.6 69.3 128.7
131 101.1 69.9 129.9
166 134.1 90.1 167.3





#49

Dibromochloromethane

Concen: 2.766 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058062.D

Acq: 12 Mar 2024 16:07

Instrument :

MSVOA_U

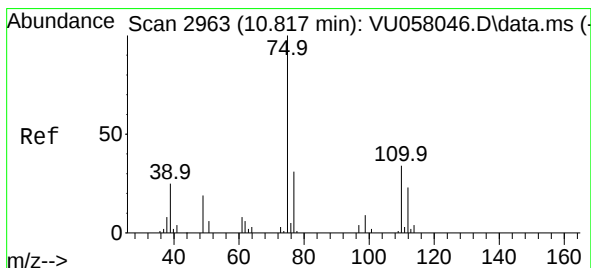
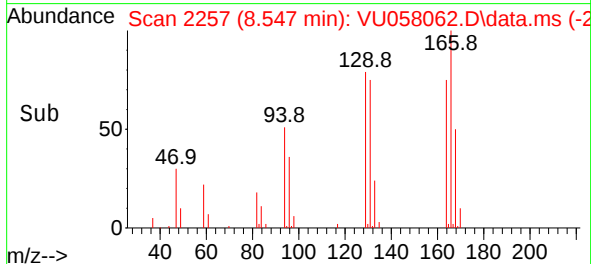
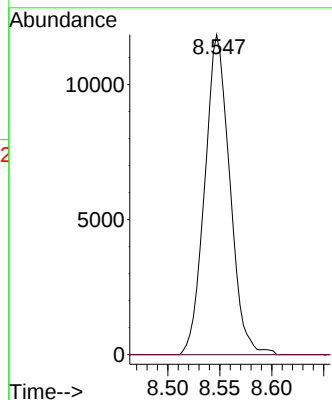
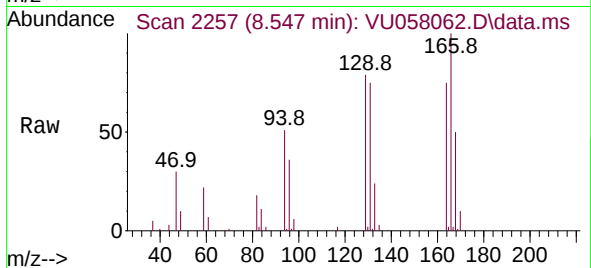
ClientSampleId :

Tgt Ion:129 Resp: 19847

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#61

1,2,3-Trichloropropane

Concen: 1.648 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058062.D

Acq: 12 Mar 2024 16:07

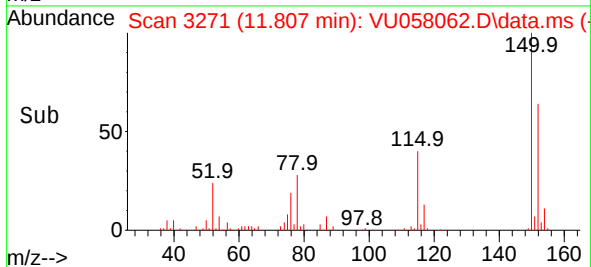
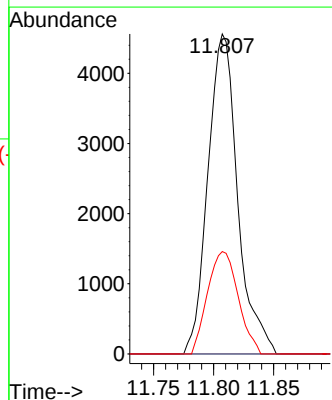
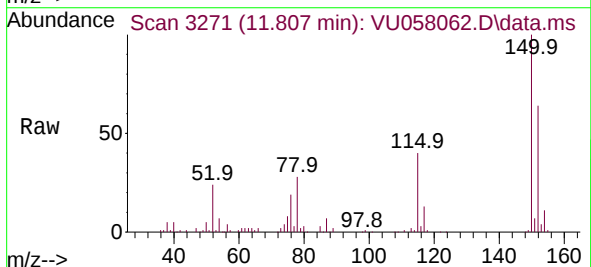
Tgt Ion: 75 Resp: 7851

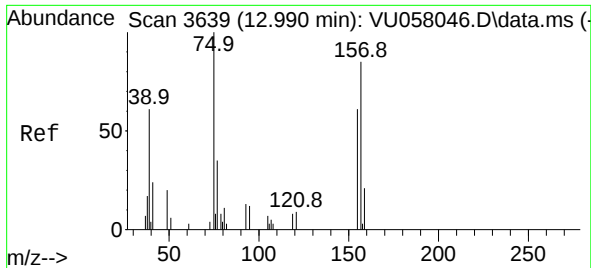
Ion Ratio Lower Upper

75 100

110 0.0 28.0 42.0#

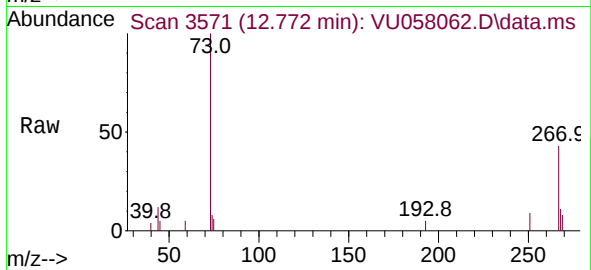
77 33.0 24.7 37.1





#68
1,2-Dibromo-3-chloropropane
Concen: 0.100 ug/L
RT: 12.772 min Scan# 3571
Delta R.T. -0.219 min
Lab File: VU058062.D
Acq: 12 Mar 2024 16:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 95
Ion Ratio Lower Upper
75 100
155 0.0 61.0 91.6#
157 0.0 74.6 112.0#

