

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
 Data File : VU058338.D
 Acq On : 02 Apr 2024 15:26
 Operator : MD/SY
 Sample : P1929-04DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 03 02:03:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 01:56:26 2024
 Response via : Initial Calibration

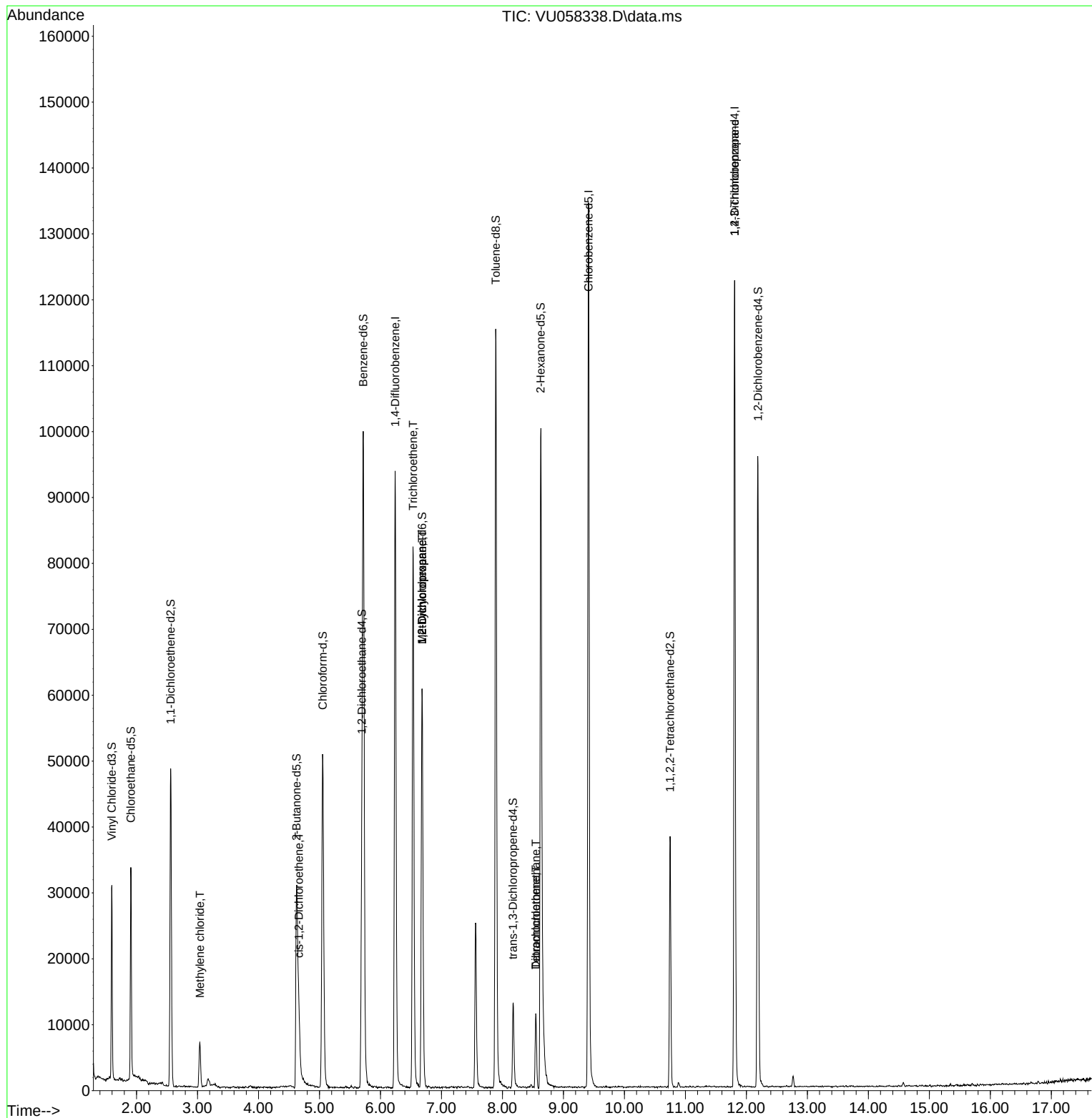
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	75257	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	74068	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32586	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21046	3.309	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.907	69	22108	4.259	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.560	65	9311	3.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	4.624	46	51185	45.303	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.600%
24) Chloroform-d	5.052	84	47354	4.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	5.695	65	22888	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.717	84	94574	3.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.682	67	31082	4.384	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.891	98	78627	3.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.174	79	8401	3.698	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.627	63	36639	39.823	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.640%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19244	4.166	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	25503	4.203	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
16) Methylene chloride	3.039	84	3324	0.622	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	2894	0.594	ug/L	99
34) Trichloroethene	6.537	95	28115	5.547	ug/L	97
35) Methylcyclohexane	6.682	83	6755	0.956	ug/L #	23
37) 1,2-Dichloropropane	6.682	63	3205	0.590	ug/L #	90
47) Tetrachloroethene	8.547	164	2416	0.712	ug/L	92
49) Dibromochloromethane	8.547	129	2286	0.610	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	4363	1.599	ug/L #	68

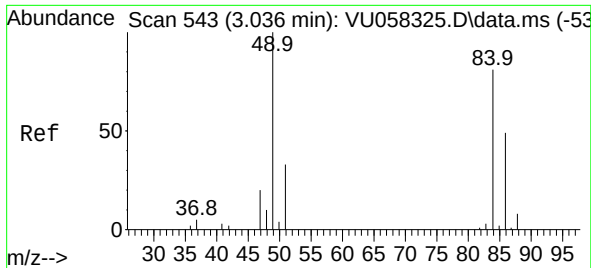
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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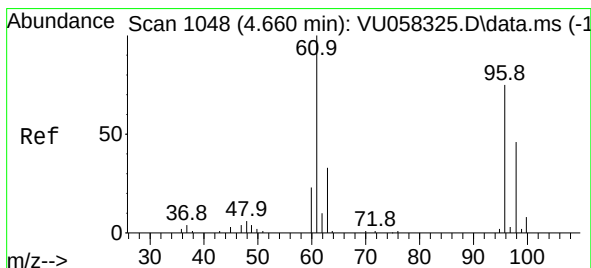
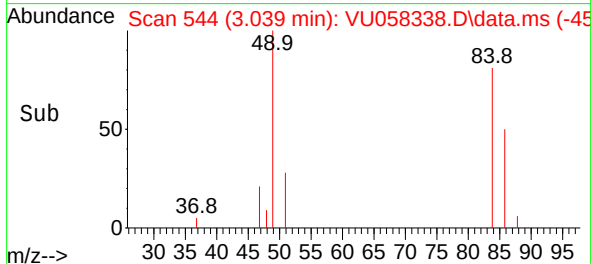
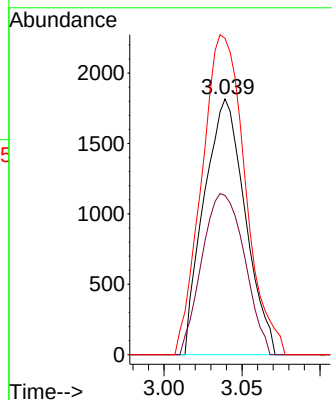
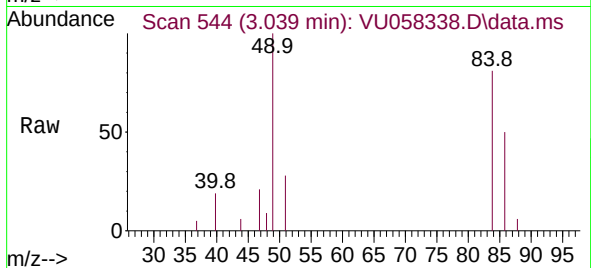




#16
Methylene chloride
Concen: 0.622 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU058338.D
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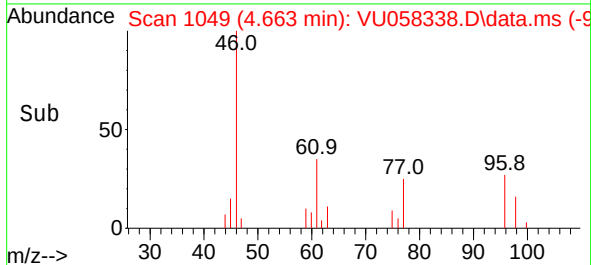
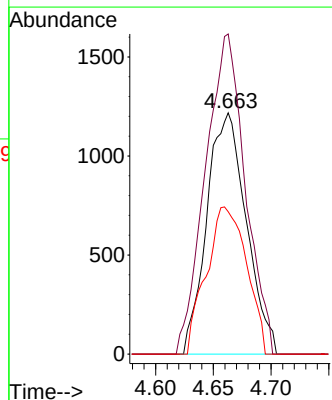
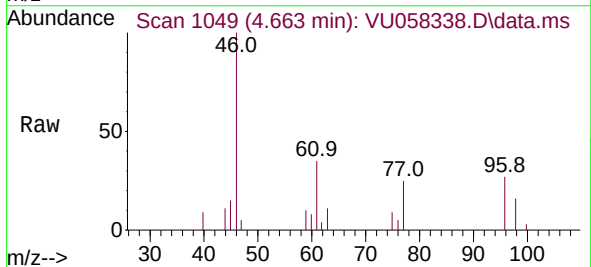
Instrument :
MSVOA_U
ClientSampleId :

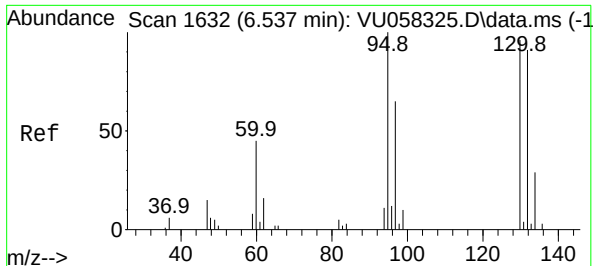
Tgt Ion: 84 Resp: 3324
Ion Ratio Lower Upper
84 100
86 62.3 45.6 84.6
49 123.7 88.3 163.9



#22
cis-1,2-Dichloroethene
Concen: 0.594 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU058338.D
Acq: 02 Apr 2024 15:26

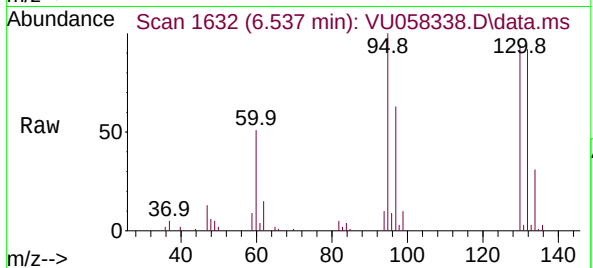
Tgt Ion: 96 Resp: 2894
Ion Ratio Lower Upper
96 100
61 132.7 92.8 172.4
98 59.0 43.2 80.2



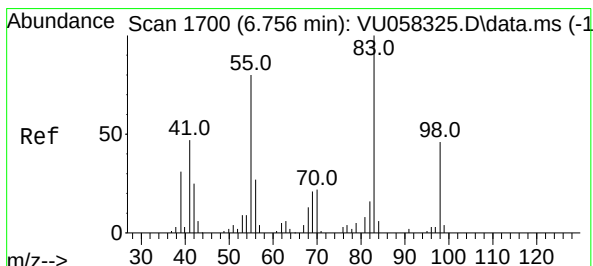
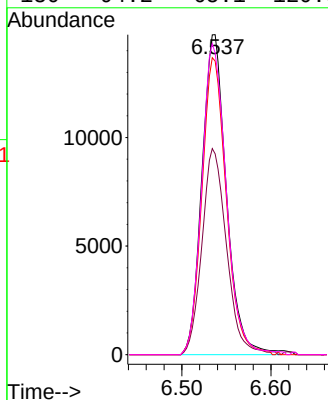
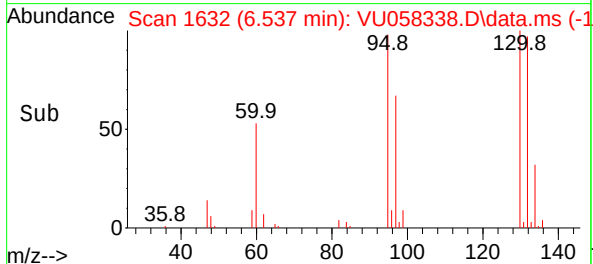


#34
Trichloroethene
Concen: 5.547 ug/L
RT: 6.537 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VU058338.D
Acq: 02 Apr 2024 15:26

Instrument :
MSVOA_U
ClientSampleId :

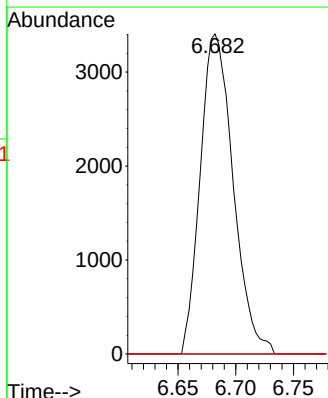
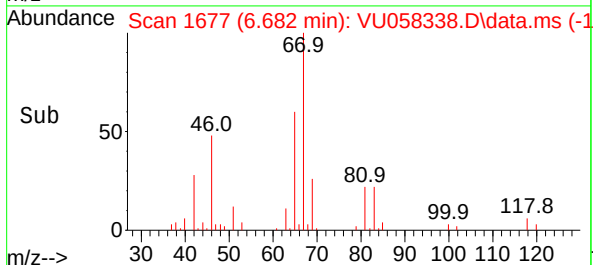
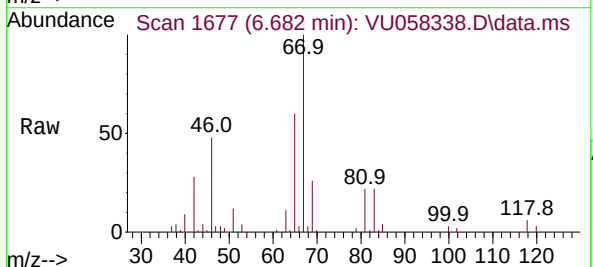


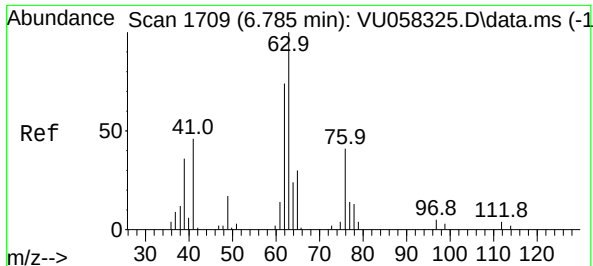
Tgt Ion: 95 Resp: 28115
Ion Ratio Lower Upper
95 100
97 62.8 47.7 88.7
132 91.8 63.6 118.2
130 94.2 65.1 120.9



#35
Methylcyclohexane
Concen: 0.956 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058338.D
Acq: 02 Apr 2024 15:26

Tgt Ion: 83 Resp: 6755
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 9.7 37.3 55.9#

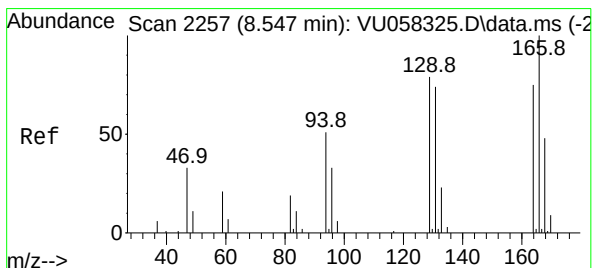
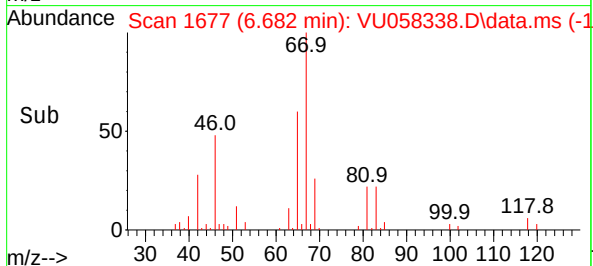
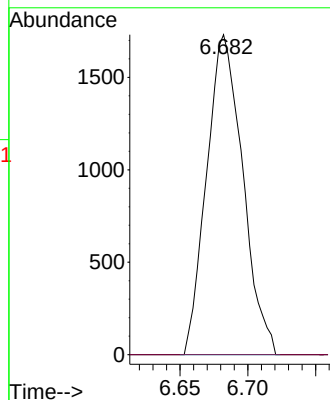
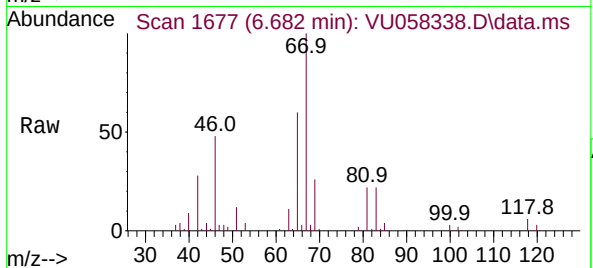




#37
1,2-Dichloropropane
Concen: 0.590 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058338.D
Acq: 02 Apr 2024 15:26

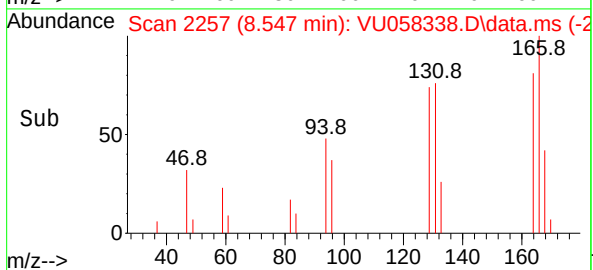
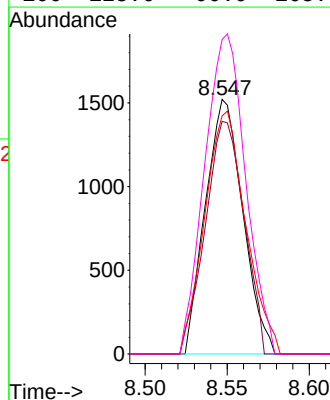
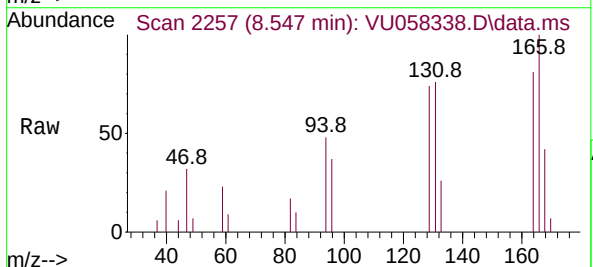
Instrument :
MSVOA_U
ClientSampleId :

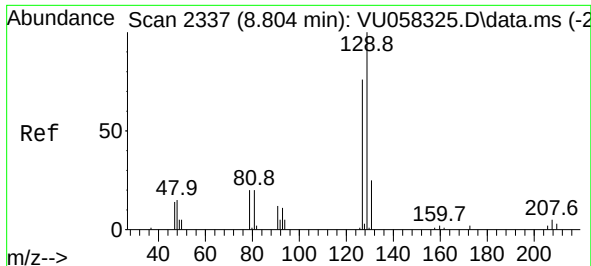
Tgt Ion: 63 Resp: 3205
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 0.712 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058338.D
Acq: 02 Apr 2024 15:26

Tgt Ion:164 Resp: 2416
Ion Ratio Lower Upper
164 100
129 91.4 71.3 132.3
131 93.6 70.8 131.4
166 123.6 90.9 168.9





#49

Dibromochloromethane

Concen: 0.610 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058338.D

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Instrument :

MSVOA_U

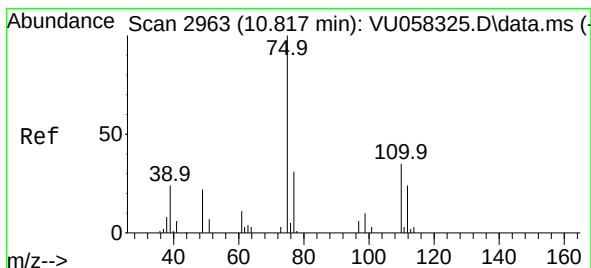
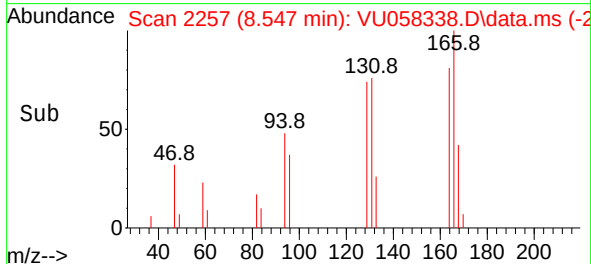
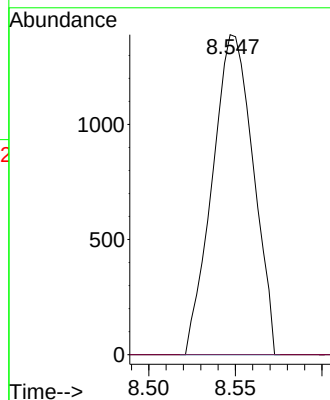
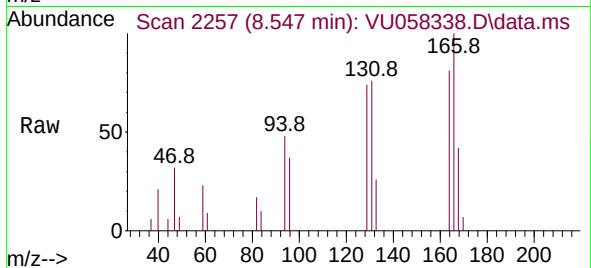
ClientSampleId :

Tgt Ion:129 Resp: 2286

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.599 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058338.D

Acq: 02 Apr 2024 15:26

Tgt Ion: 75 Resp: 4363

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 32.1 25.1 37.7

