

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058250.D
 Acq On : 28 Mar 2024 19:26
 Operator : MD/SY
 Sample : P1902-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 29 01:13:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 01:09:13 2024
 Response via : Initial Calibration

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

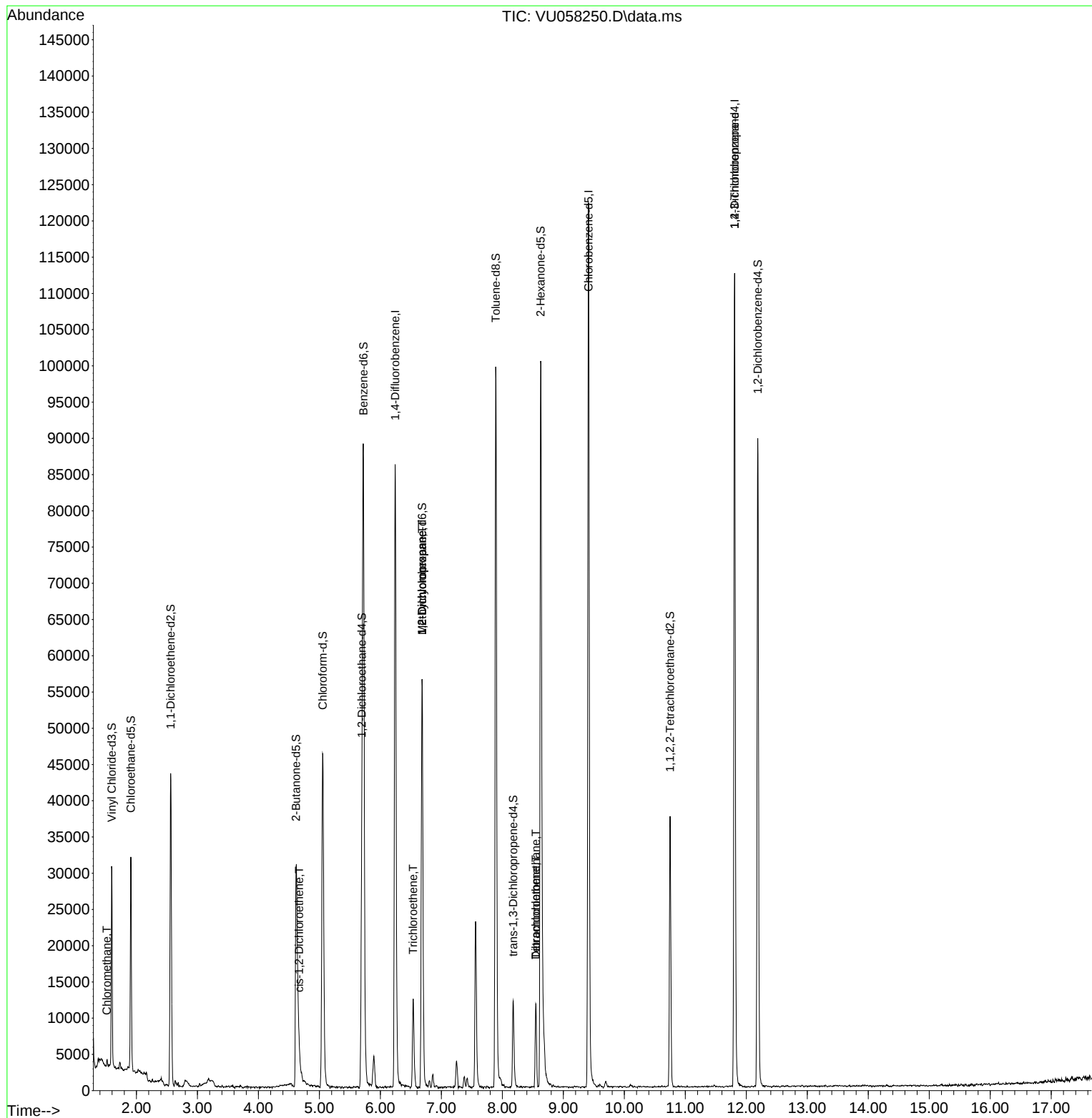
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	70719	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30317	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19450	3.255	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.908	69	20125	4.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.560	65	8605	3.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.618	46	49820	46.924	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.840%
24) Chloroform-d	5.055	84	44018	4.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.695	65	22300	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.721	84	84460	3.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
36) 1,2-Dichloropropane-d6	6.682	67	27339	4.216	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.891	98	69079	3.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.177	79	7967	3.835	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.627	63	36498	43.380	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.760%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19084	4.518	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	24341	4.311	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	696	0.187	ug/L	92
22) cis-1,2-Dichloroethene	4.666	96	923	0.202	ug/L	77
34) Trichloroethene	6.538	95	4245	0.916	ug/L	90
35) Methylcyclohexane	6.682	83	5985	0.926	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	2994	0.602	ug/L #	90
47) Tetrachloroethene	8.547	164	2397	0.772	ug/L	98
49) Dibromochloromethane	8.547	129	2519	0.735	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	4006	1.578	ug/L #	67

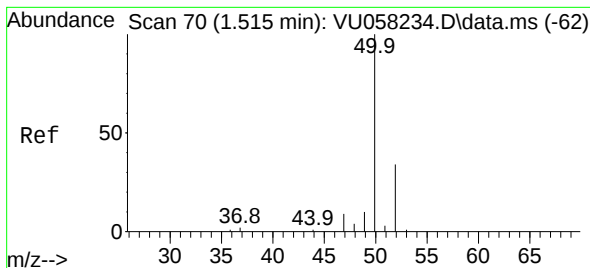
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.187 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU058250.D

Acq: 28 Mar 2024 19:26

Instrument :

MSVOA_U

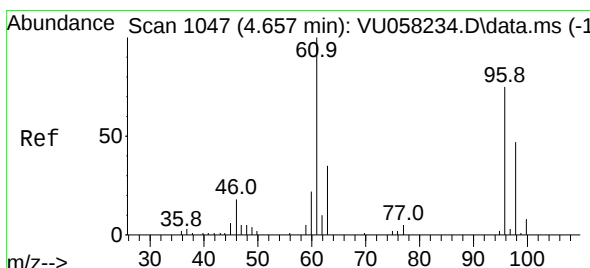
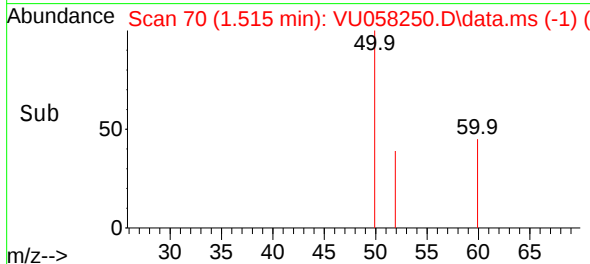
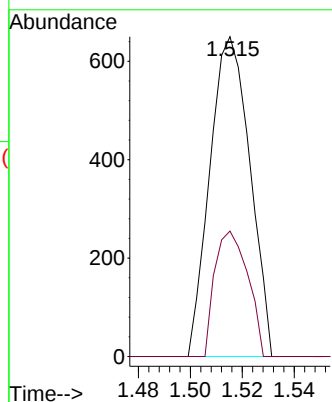
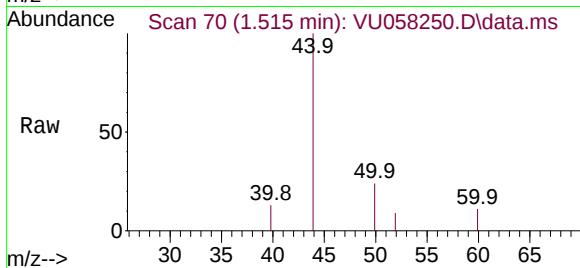
ClientSampleId :

Tgt Ion: 50 Resp: 696

Ion Ratio Lower Upper

50 100

52 39.2 24.2 45.0



#22

cis-1,2-Dichloroethene

Concen: 0.202 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.010 min

Lab File: VU058250.D

Acq: 28 Mar 2024 19:26

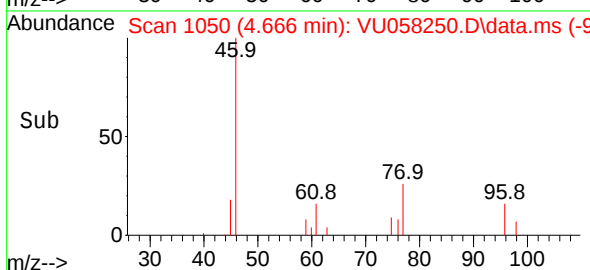
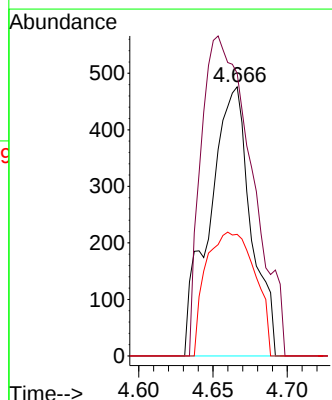
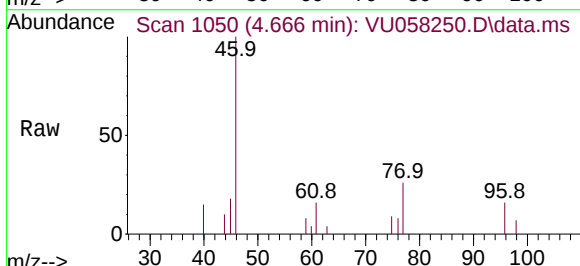
Tgt Ion: 96 Resp: 923

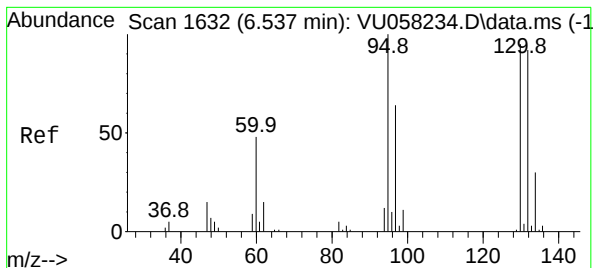
Ion Ratio Lower Upper

96 100

61 105.0 92.8 172.4

98 45.2 43.2 80.2





#34

Trichloroethene

Concen: 0.916 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU058250.D

Acq: 28 Mar 2024 19:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 4245

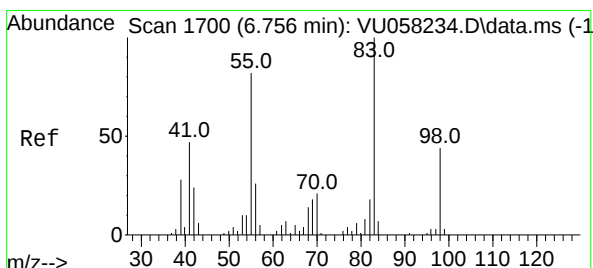
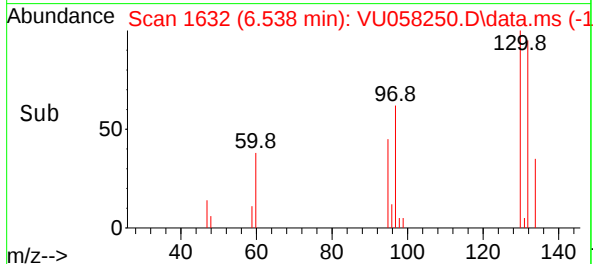
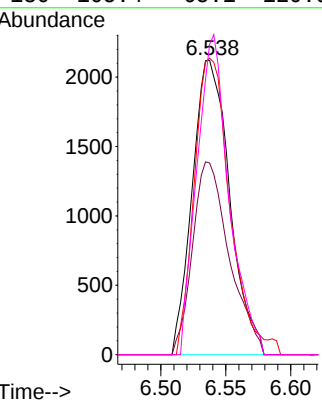
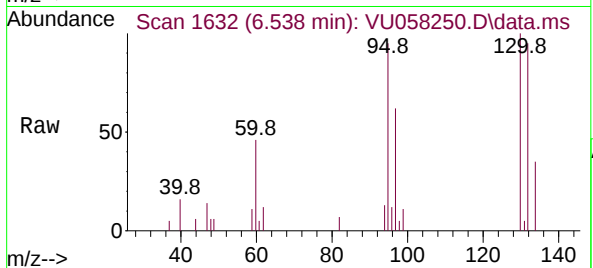
Ion Ratio Lower Upper

95 100

97 65.1 47.7 88.7

132 100.7 63.6 118.2

130 105.4 65.1 120.9



#35

Methylcyclohexane

Concen: 0.926 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058250.D

Acq: 28 Mar 2024 19:26

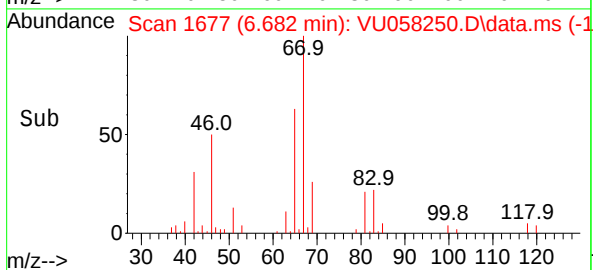
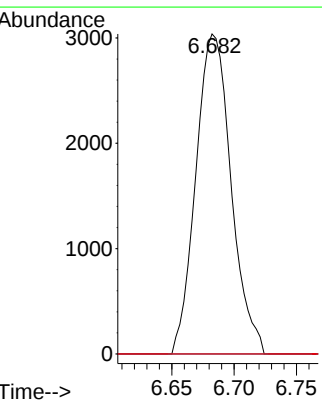
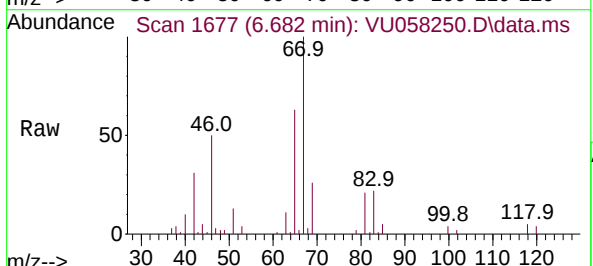
Tgt Ion: 83 Resp: 5985

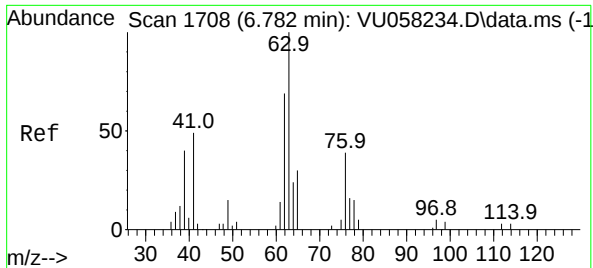
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 5.4 37.3 55.9#

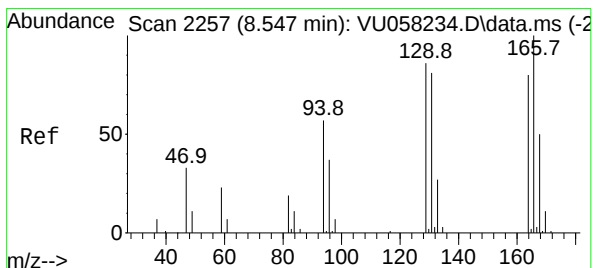
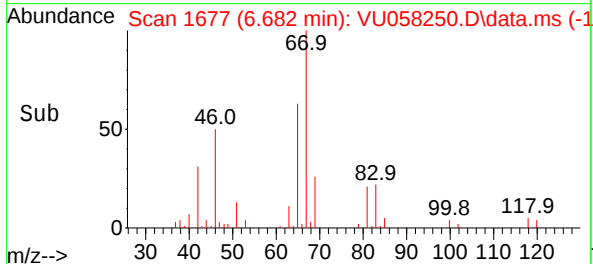
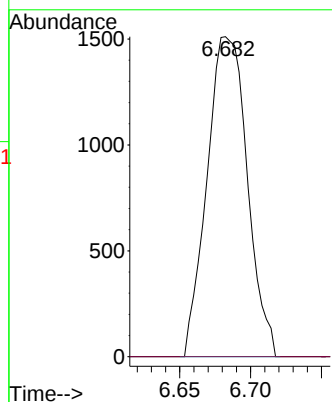
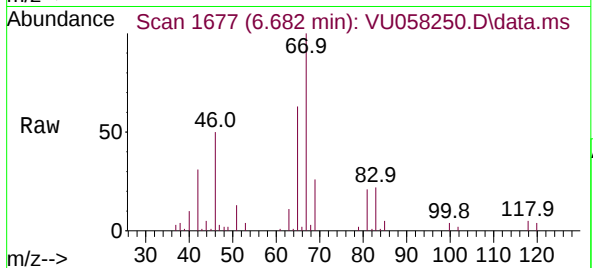




#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058250.D
Acq: 28 Mar 2024 19:26

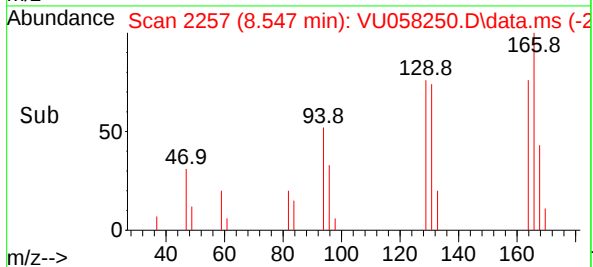
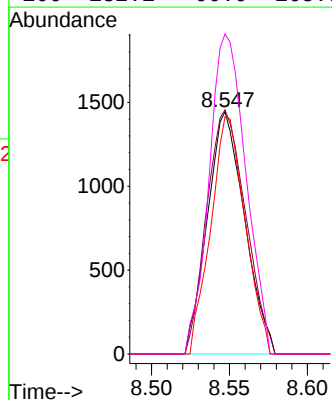
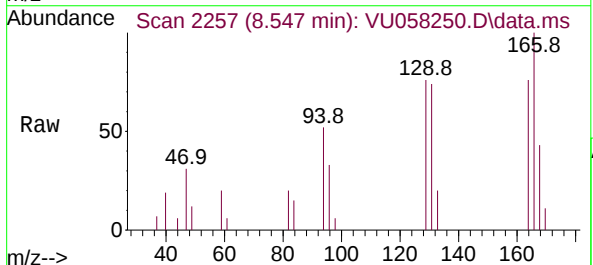
Instrument :
MSVOA_U
ClientSampleId :

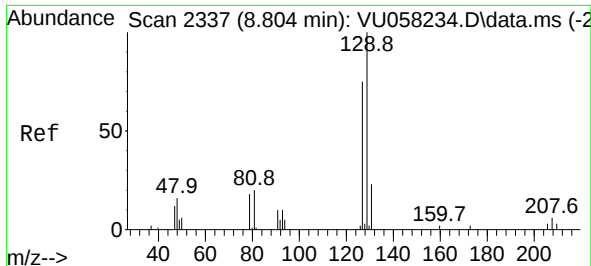
Tgt Ion: 63 Resp: 2994
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 0.772 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058250.D
Acq: 28 Mar 2024 19:26

Tgt Ion:164 Resp: 2397
Ion Ratio Lower Upper
164 100
129 100.8 71.3 132.3
131 97.9 70.8 131.4
166 132.1 90.9 168.9





#49

Dibromochloromethane

Concen: 0.735 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min MSVOA_U

Lab File: VU058250.D

Acq: 28 Mar 2024 19:26

Instrument :

MSVOA_U

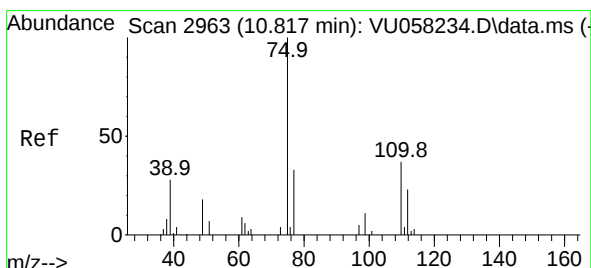
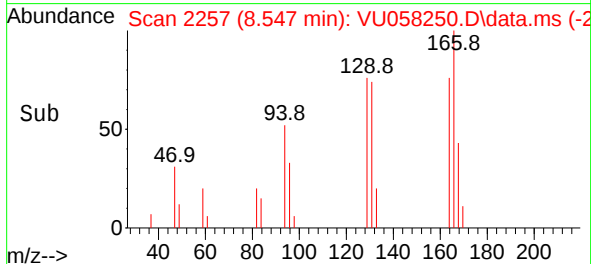
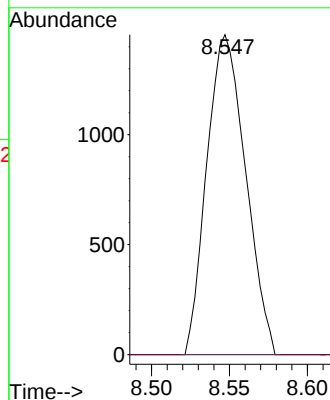
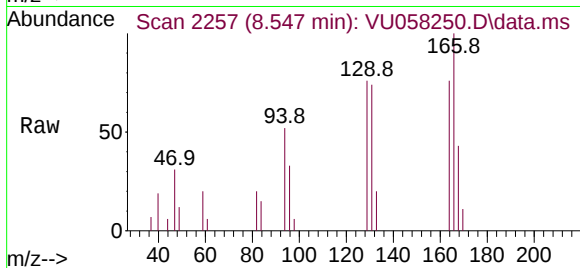
ClientSampleId :

Tgt Ion:129 Resp: 2519

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.578 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058250.D

Acq: 28 Mar 2024 19:26

Tgt Ion: 75 Resp: 4006

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 32.2 25.1 37.7

