

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058253.D
 Acq On : 28 Mar 2024 20:37
 Operator : MD/SY
 Sample : P1902-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 29 01:14:21 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)

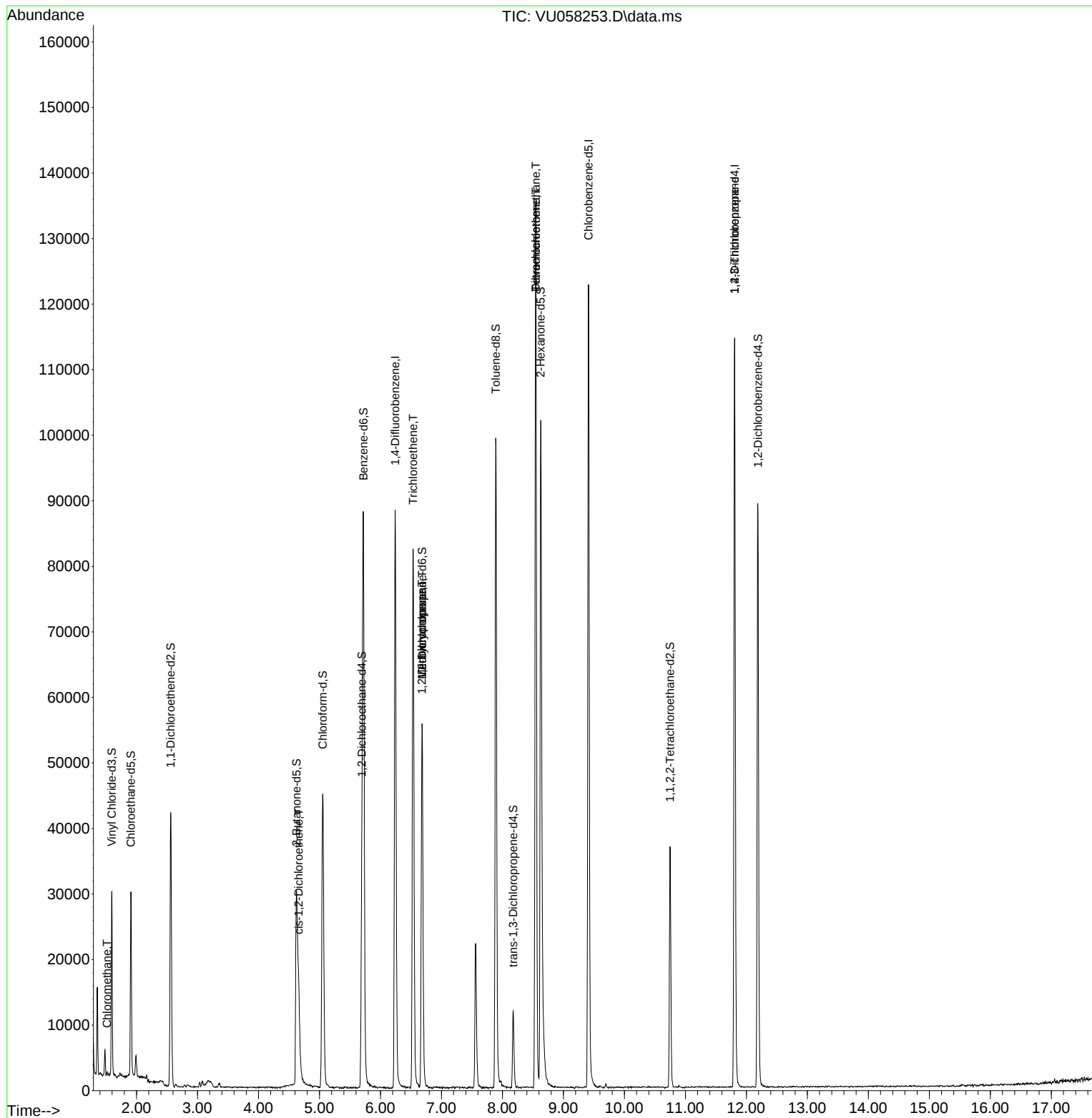
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	71190	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	69457	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30833	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19106	3.176	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.600%
7) Chloroethane-d5	1.907	69	19240	3.918	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.560	65	8658	3.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.624	46	48941	45.791	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.580%
24) Chloroform-d	5.055	84	43113	4.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	5.695	65	21652	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.721	84	83973	3.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	6.682	67	27888	4.194	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.891	98	68045	3.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	8.177	79	7509	3.525	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.627	63	37223	43.144	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18902	4.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	24206	4.216	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	548	0.147	ug/L	88
22) cis-1,2-Dichloroethene	4.660	96	4702	1.020	ug/L	95
34) Trichloroethene	6.534	95	28536	6.004	ug/L	97
35) Methylcyclohexane	6.682	83	5960	0.899	ug/L #	22
37) 1,2-Dichloropropane	6.679	63	2808	0.551	ug/L #	90
47) Tetrachloroethene	8.547	164	28628	8.993	ug/L	97
49) Dibromochloromethane	8.547	129	29066	8.275	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3974	1.539	ug/L #	67

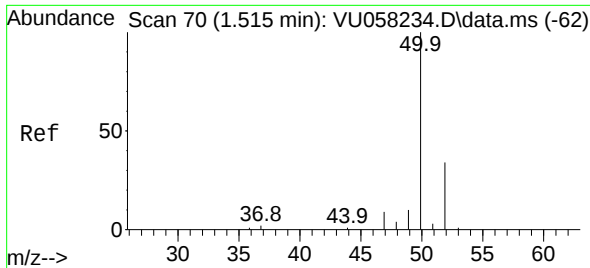
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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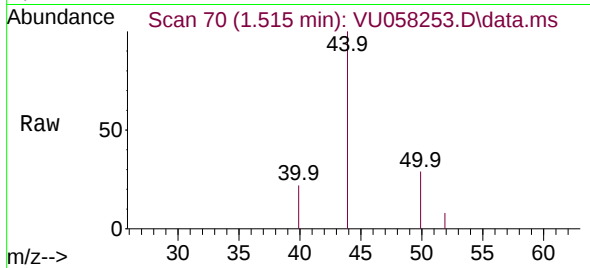
Quant Time: Mar 29 01:14:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
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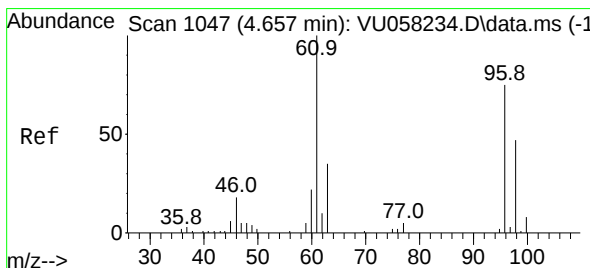
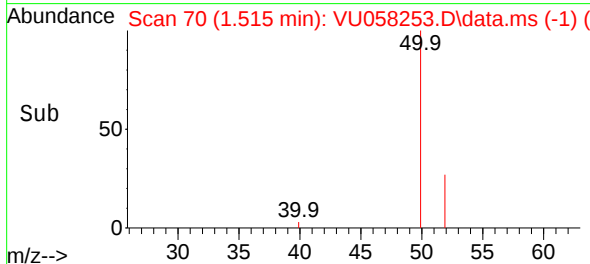
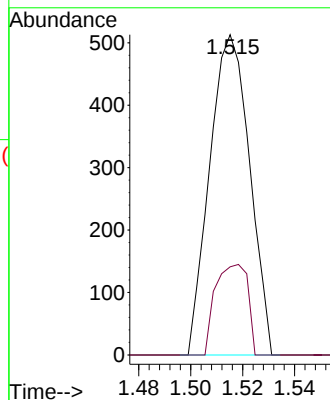


#3
Chloromethane
Concen: 0.147 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU058253.D
Acq: 28 Mar 2024 20:37

Instrument :
MSVOA_U
ClientSampleId :

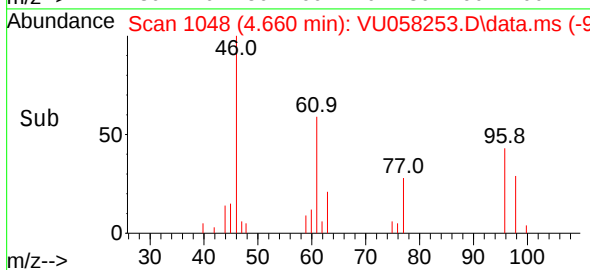
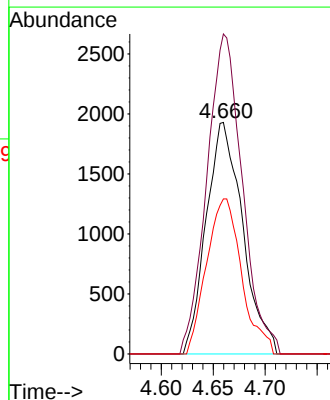
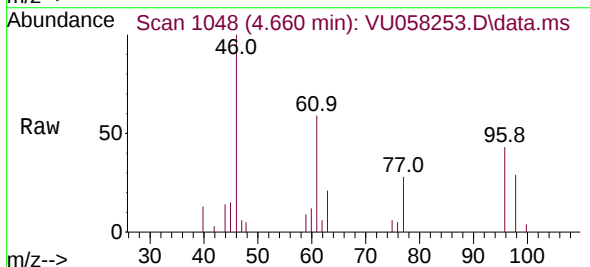


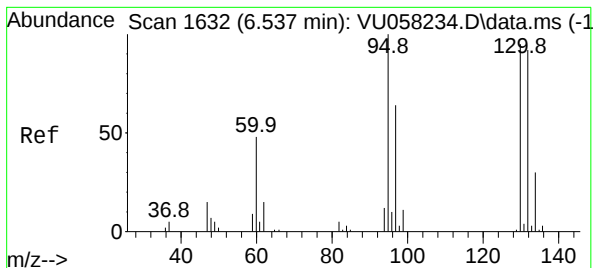
Tgt Ion: 50 Resp: 548
Ion Ratio Lower Upper
50 100
52 27.5 24.2 45.0



#22
cis-1,2-Dichloroethene
Concen: 1.020 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU058253.D
Acq: 28 Mar 2024 20:37

Tgt Ion: 96 Resp: 4702
Ion Ratio Lower Upper
96 100
61 138.3 92.8 172.4
98 67.0 43.2 80.2





#34

Trichloroethene

Concen: 6.004 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU058253.D

Acq: 28 Mar 2024 20:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 28536

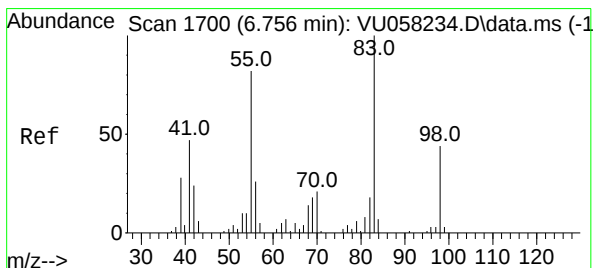
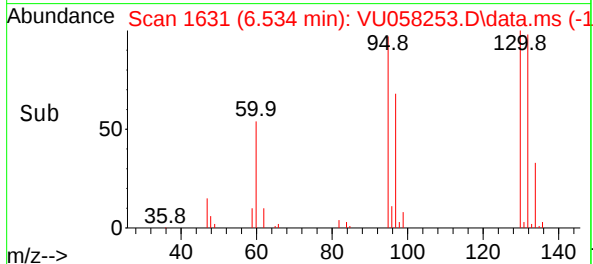
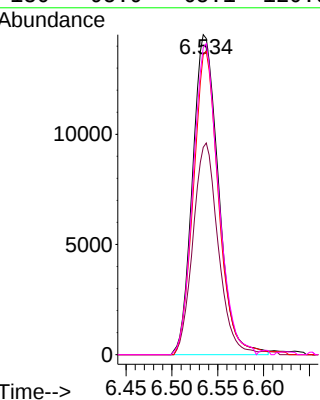
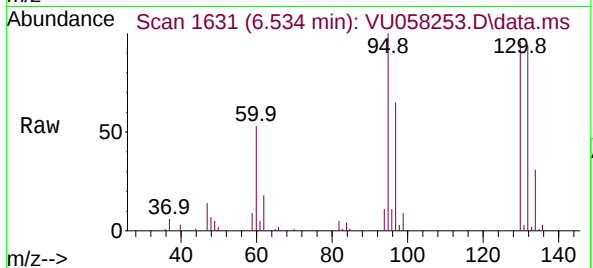
Ion Ratio Lower Upper

95 100

97 64.8 47.7 88.7

132 93.8 63.6 118.2

130 95.9 65.1 120.9



#35

Methylcyclohexane

Concen: 0.899 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058253.D

Acq: 28 Mar 2024 20:37

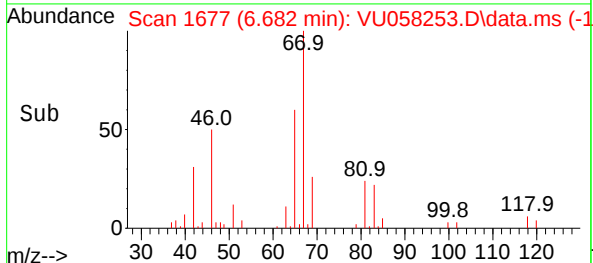
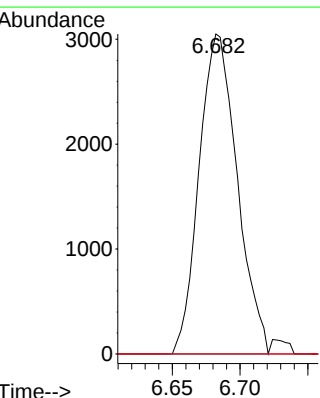
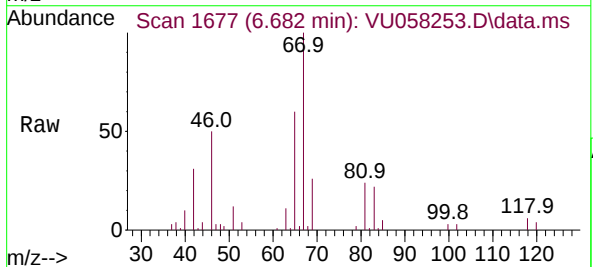
Tgt Ion: 83 Resp: 5960

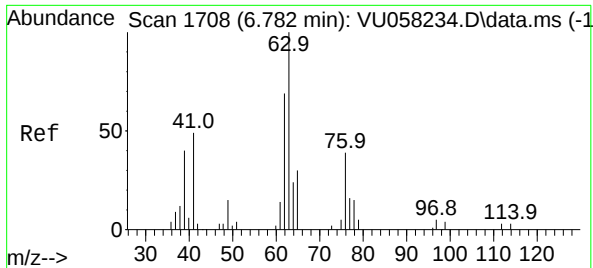
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 8.3 37.3 55.9#

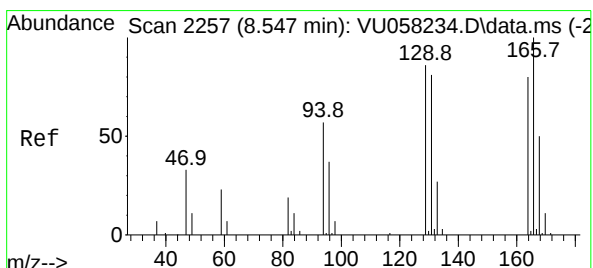
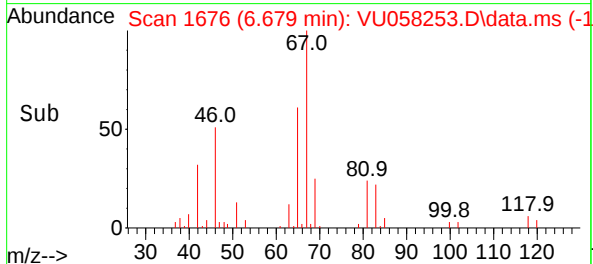
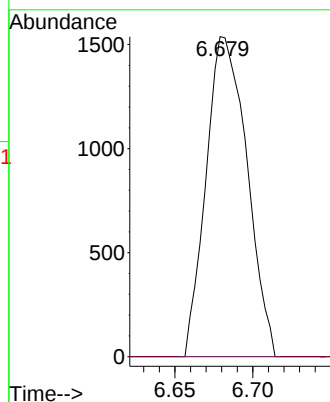
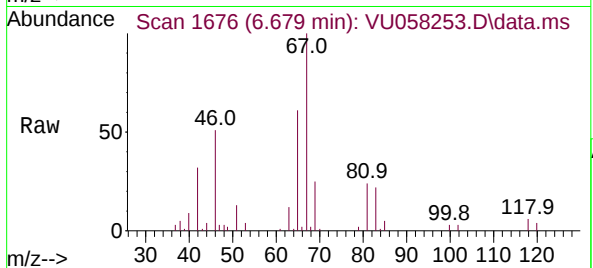




#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058253.D
Acq: 28 Mar 2024 20:37

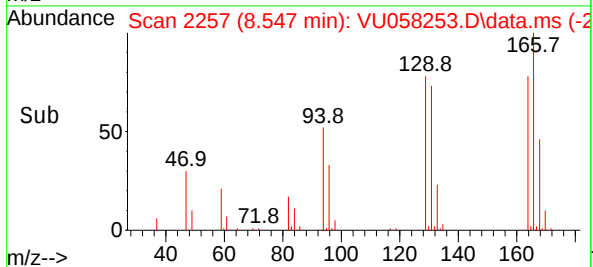
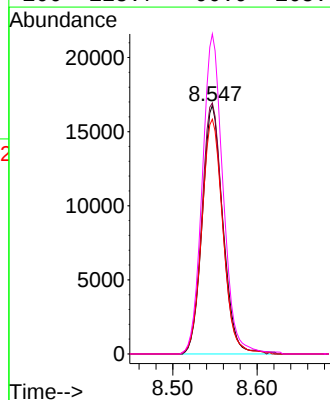
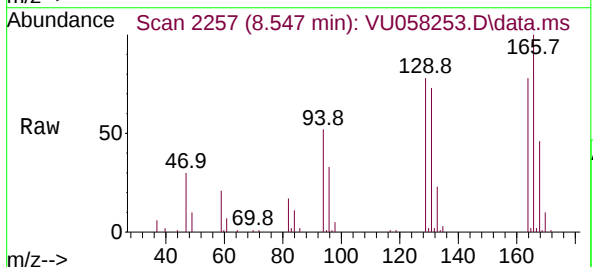
Instrument :
MSVOA_U
ClientSampleId :

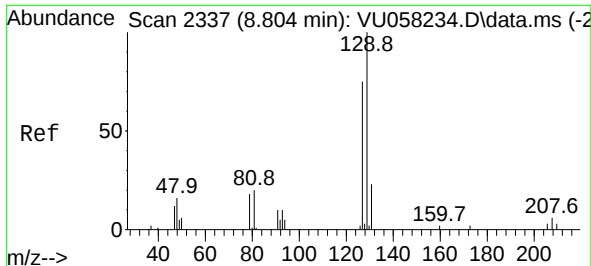
Tgt Ion: 63 Resp: 2808
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 8.993 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058253.D
Acq: 28 Mar 2024 20:37

Tgt Ion:164 Resp: 28628
Ion Ratio Lower Upper
164 100
129 101.0 71.3 132.3
131 94.4 70.8 131.4
166 128.7 90.9 168.9





#49

Dibromochloromethane

Concen: 8.275 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058253.D

Acq: 28 Mar 2024 20:37

Instrument :

MSVOA_U

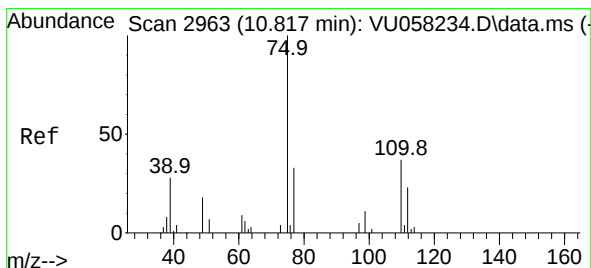
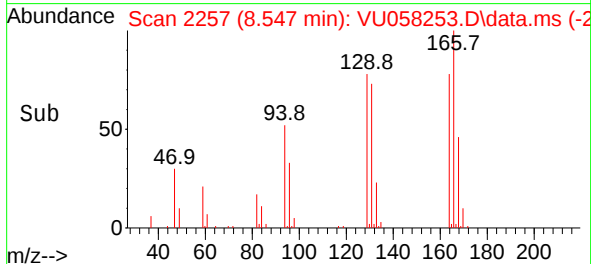
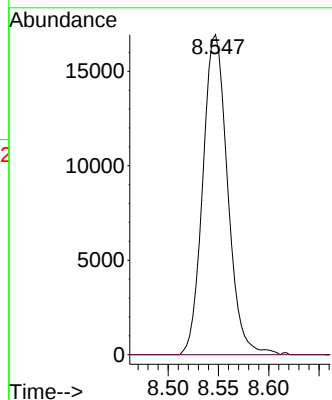
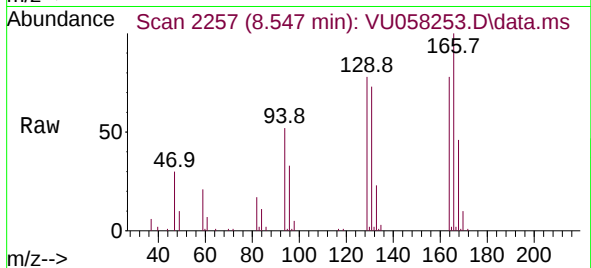
ClientSampleId :

Tgt Ion:129 Resp: 29066

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.539 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058253.D

Acq: 28 Mar 2024 20:37

Tgt Ion: 75 Resp: 3974

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 33.0 25.1 37.7

