

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058460.D
 Acq On : 08 Apr 2024 11:49
 Operator : MD/SY
 Sample : P2012-02 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 04:23:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 04:22:28 2024
 Response via : Initial Calibration

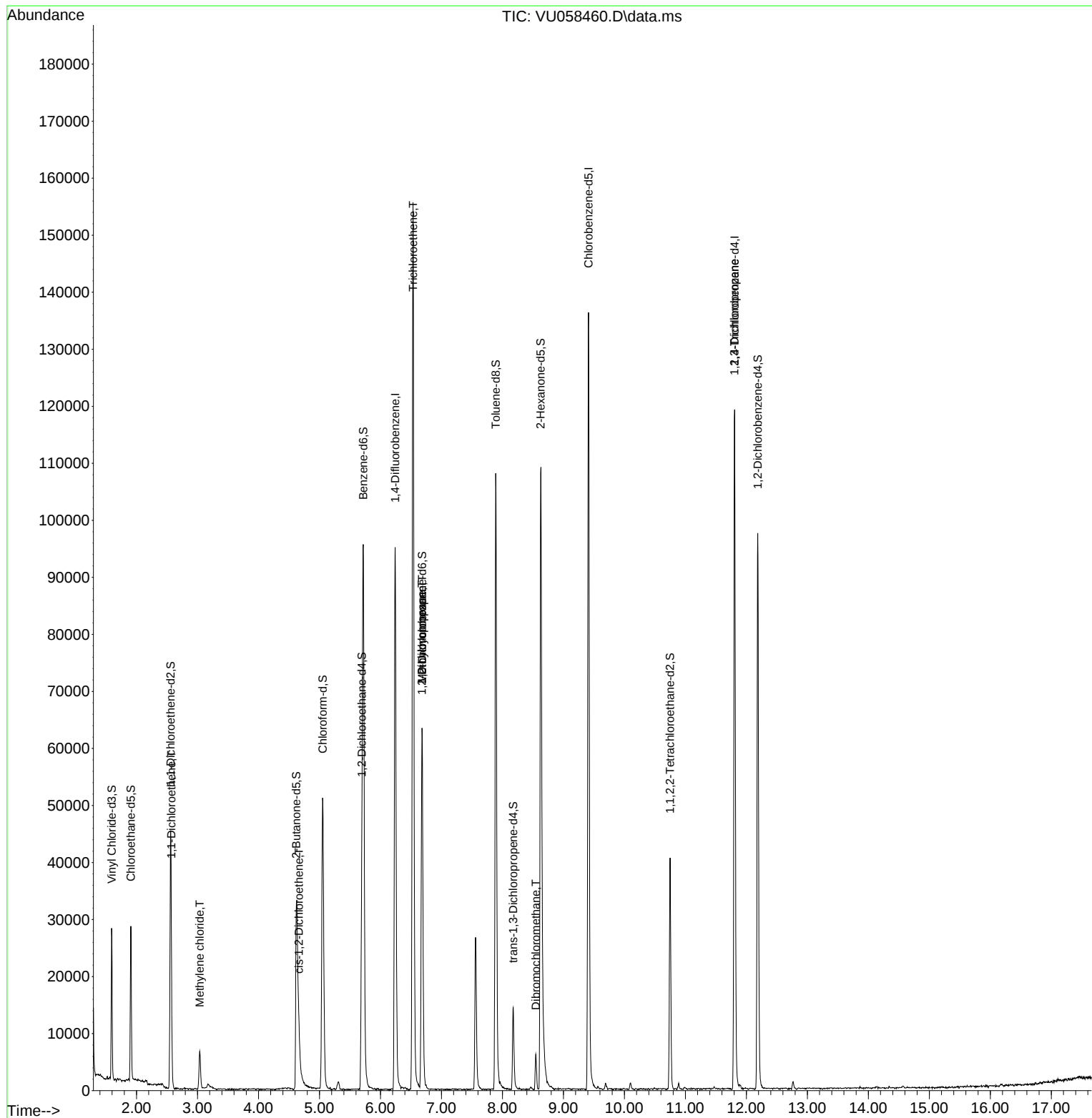
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76032	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	73876	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31842	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17628	3.502	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.907	69	18211	4.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.560	65	8548	3.752	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.621	46	57227	53.946	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.900%
24) Chloroform-d	5.052	84	48883	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.695	65	23474	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.718	84	88632	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.682	67	30530	4.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.891	98	73708	4.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.177	79	8913	4.603	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.627	63	39048	48.897	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.800%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20331	4.617	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	25647	4.782	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	1231	0.228	ug/L #	1
16) Methylene chloride	3.036	84	2861	0.400	ug/L	86
22) cis-1,2-Dichloroethene	4.663	96	2026	0.319	ug/L	88
34) Trichloroethene	6.534	95	53524	7.929	ug/L	99
35) Methylcyclohexane	6.682	83	6515	0.641	ug/L #	16
37) 1,2-Dichloropropane	6.679	63	3311	0.470	ug/L #	90
49) Dibromochloromethane	8.547	129	1351	0.284	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	4324	1.331	ug/L #	71

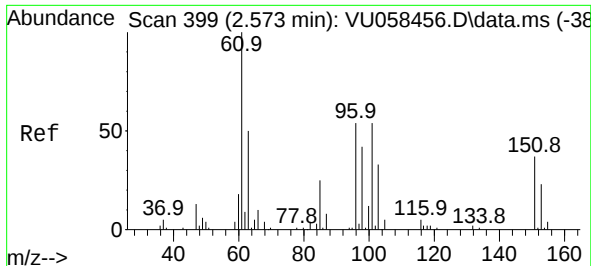
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.228 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU058460.D

Acq: 08 Apr 2024 11:49

Instrument :

MSVOA_U

ClientSampleId :

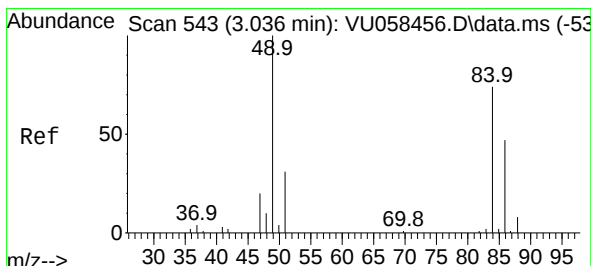
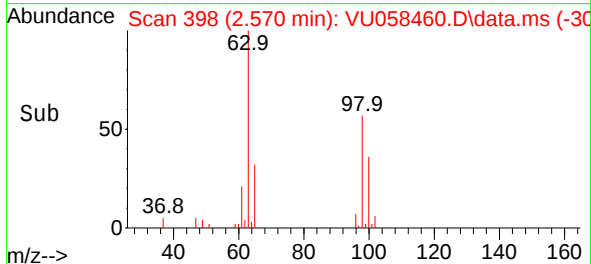
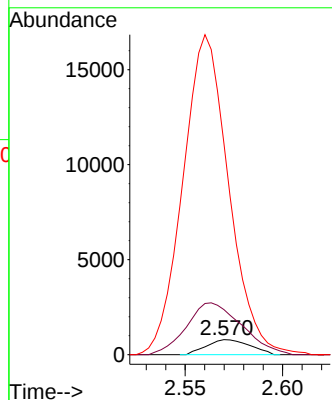
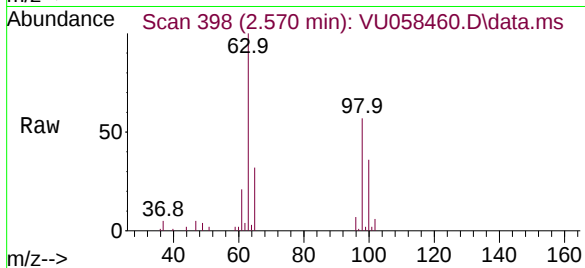
Tgt Ion: 96 Resp: 1231

Ion Ratio Lower Upper

96 100

61 299.5 132.5 246.1#

63 1402.8 87.7 162.9#



#16

Methylene chloride

Concen: 0.400 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU058460.D

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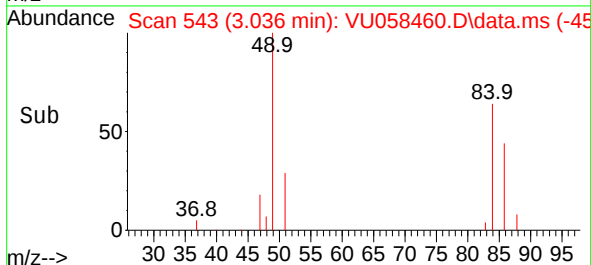
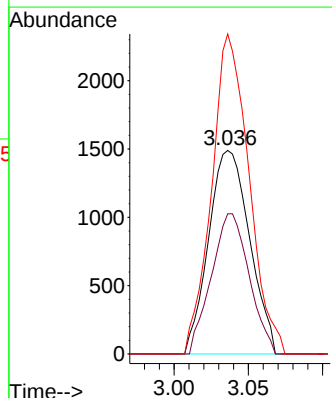
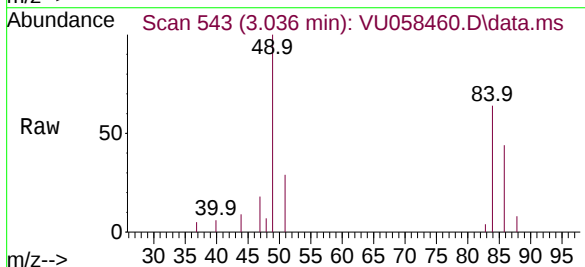
Tgt Ion: 84 Resp: 2861

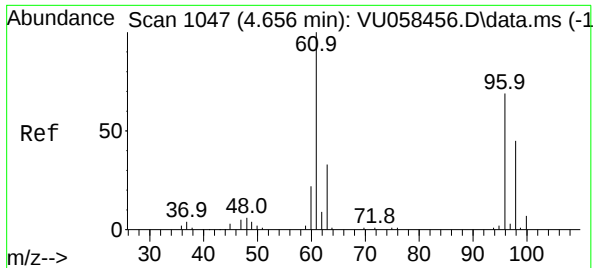
Ion Ratio Lower Upper

84 100

86 68.9 44.3 82.3

49 157.2 96.0 178.2

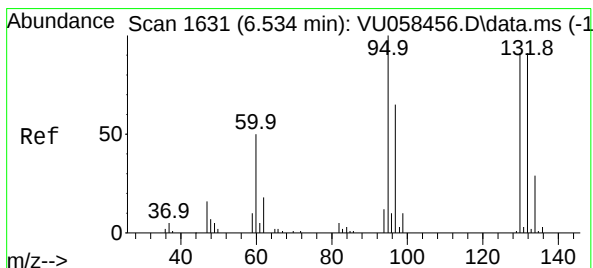
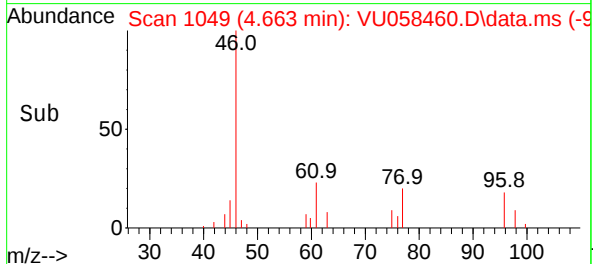
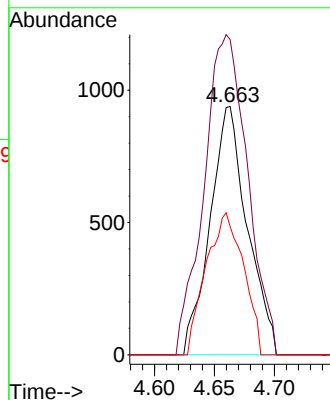
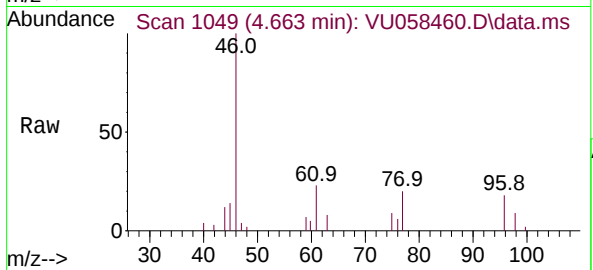




#22
 cis-1,2-Dichloroethene
 Concen: 0.319 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.007 min
 Lab File: VU058460.D
 Acq: 08 Apr 2024 11:49

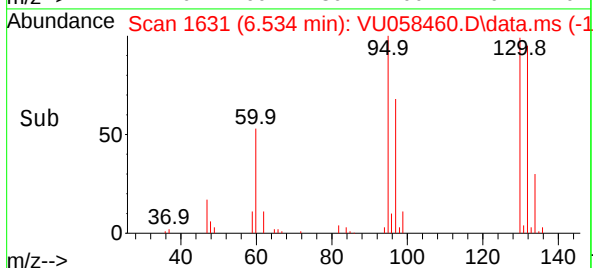
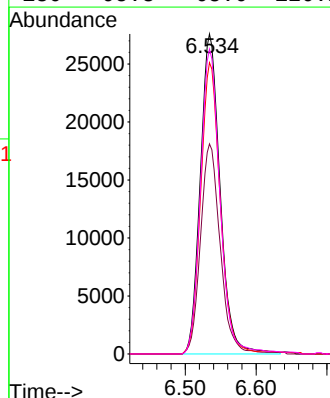
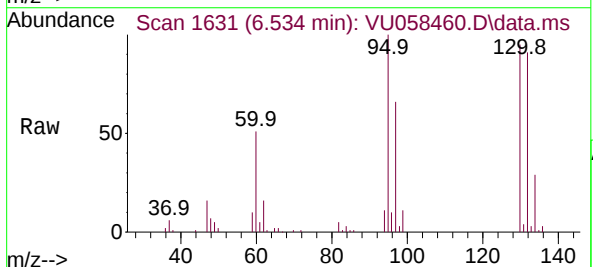
Instrument :
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 ClientSampleId :

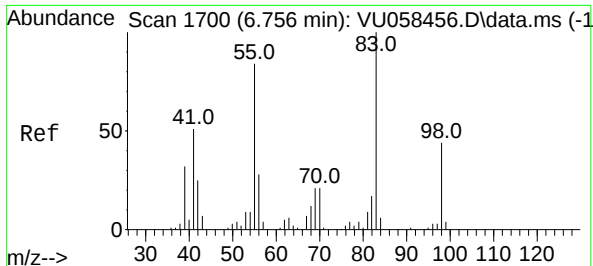
Tgt Ion: 96 Resp: 2026
 Ion Ratio Lower Upper
 96 100
 61 126.9 98.1 182.3
 98 51.7 43.6 81.0



#34
 Trichloroethene
 Concen: 7.929 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU058460.D
 Acq: 08 Apr 2024 11:49

Tgt Ion: 95 Resp: 53524
 Ion Ratio Lower Upper
 95 100
 97 65.7 45.6 84.6
 132 91.1 64.8 120.3
 130 95.3 68.0 126.2

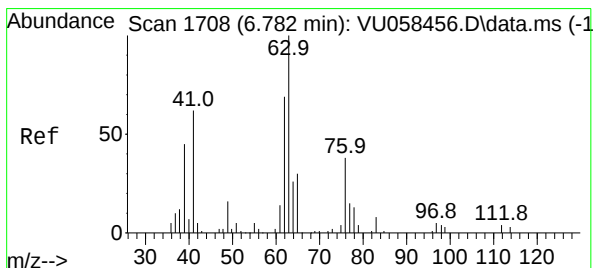
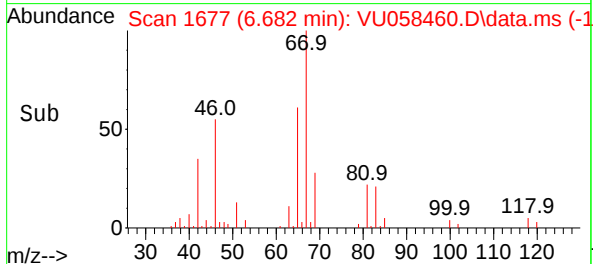
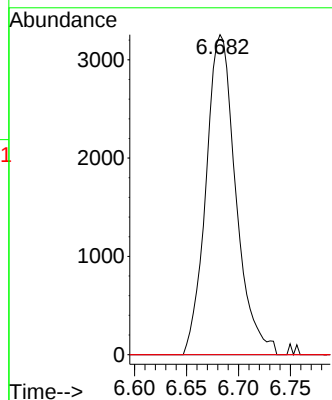
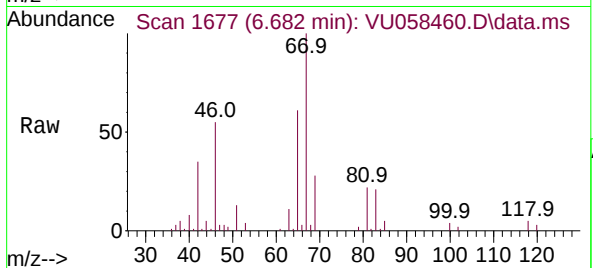




#35
Methylcyclohexane
Concen: 0.641 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058460.D
Acq: 08 Apr 2024 11:49

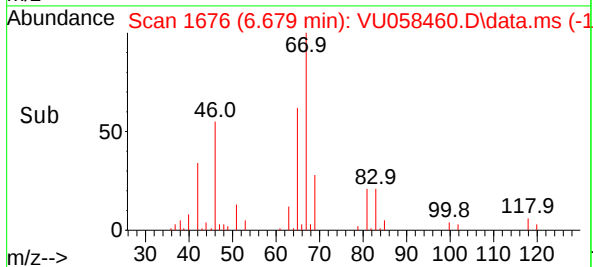
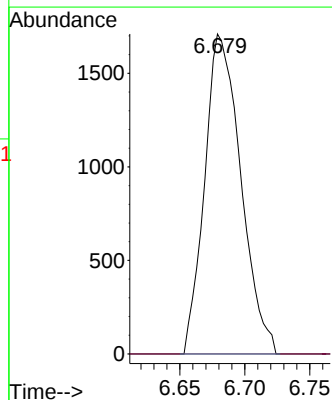
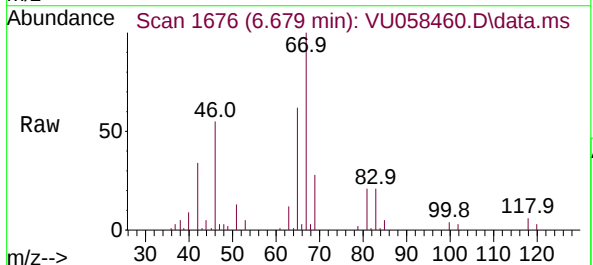
Instrument :
MSVOA_U
ClientSampleId :

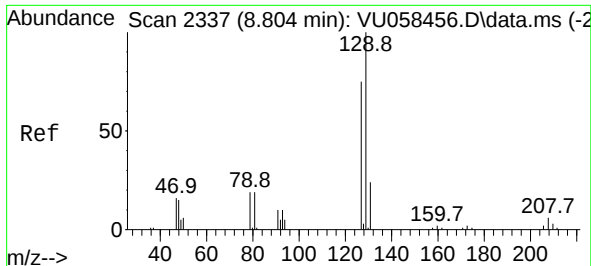
Tgt Ion: 83 Resp: 6515
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#



#37
1,2-Dichloropropane
Concen: 0.470 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU058460.D
Acq: 08 Apr 2024 11:49

Tgt Ion: 63 Resp: 3311
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#





#49

Dibromochloromethane

Concen: 0.284 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058460.D

Acq: 08 Apr 2024 11:49

Instrument :

MSVOA_U

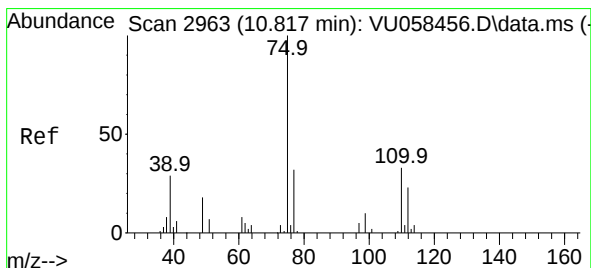
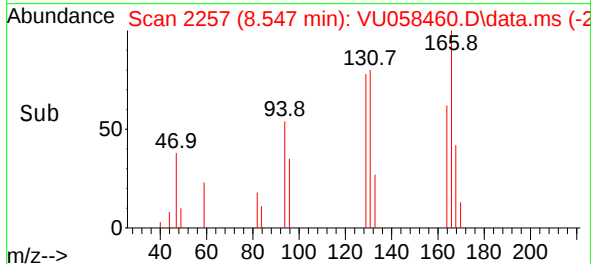
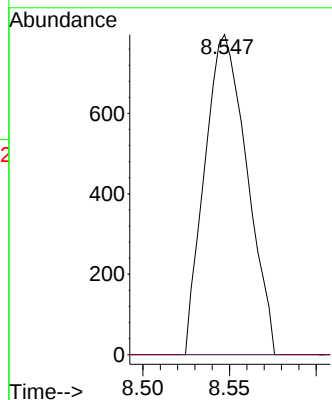
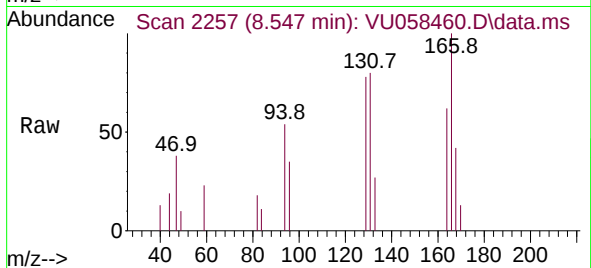
ClientSampleId :

Tgt Ion:129 Resp: 1351

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.331 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU058460.D

Acq: 08 Apr 2024 11:49

Tgt Ion: 75 Resp: 4324

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 31.6 25.1 37.7

