

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051524\
 Data File : VU058899.D
 Acq On : 15 May 2024 12:50
 Operator : MD/SY
 Sample : P2392-18 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 16 01:52:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 16 01:51:35 2024
 Response via : Initial Calibration

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

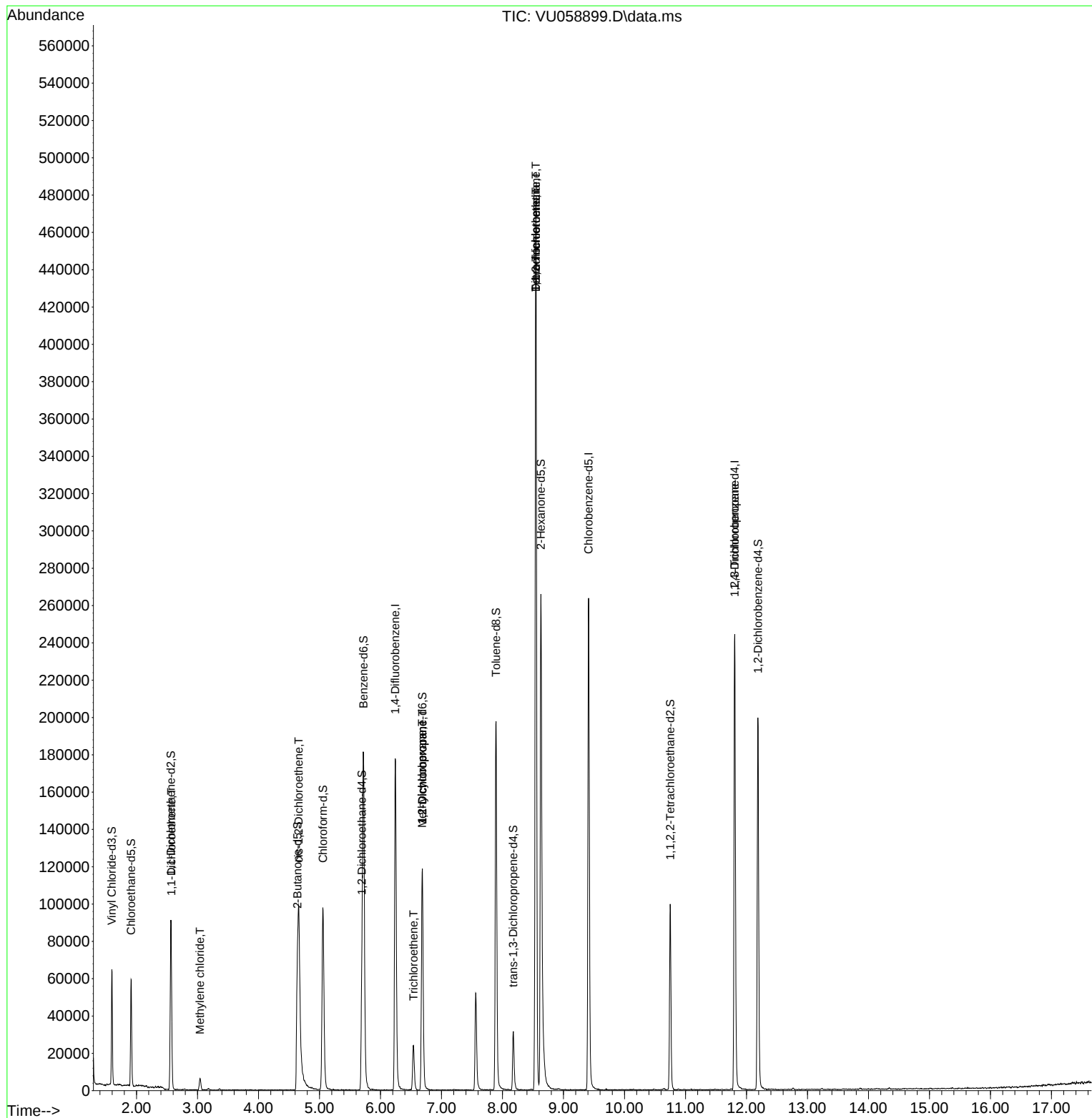
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	148560	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	148109	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65469	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42070	4.675	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.911	69	39619	4.871	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.563	65	17109	4.665	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.637	46	134156	57.341	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.680%
24) Chloroform-d	5.055	84	91796	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.695	65	48617	5.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.721	84	174066	5.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.685	67	60100	5.306	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.894	98	136625	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.177	79	18936	4.871	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.631	63	102109	54.734	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.460%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	51586	5.273	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	54571	5.542	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	1585	0.171	ug/L #	1
16) Methylene chloride	3.039	84	2905	0.231	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	31473	2.805	ug/L	94
34) Trichloroethene	6.541	95	8332	0.723	ug/L	95
35) Methylcyclohexane	6.682	83	13733	0.836	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	6221	0.503	ug/L #	91
45) 1,1,2-Trichloroethane	8.547	97	786	0.090	ug/L #	1
47) Tetrachloroethene	8.547	164	103177	12.576	ug/L	96
49) Dibromochloromethane	8.547	129	100525	10.966	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	8461	1.255	ug/L #	67

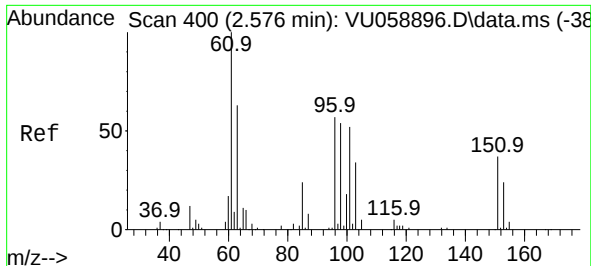
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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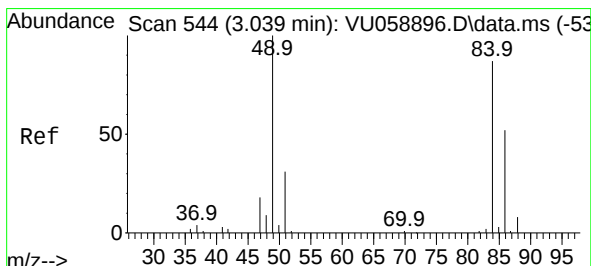
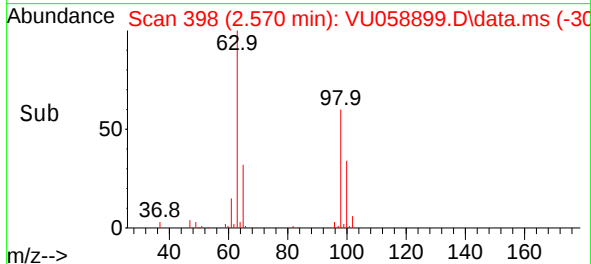
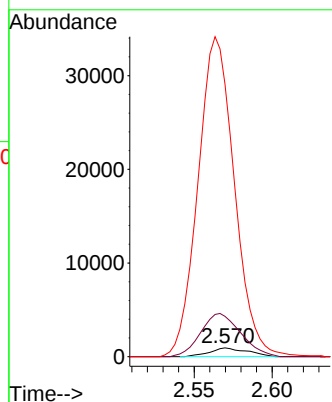
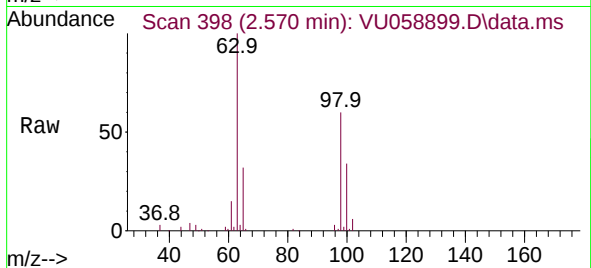




#12
1,1-Dichloroethene
Concen: 0.171 ug/L
RT: 2.570 min Scan# 30
Delta R.T. -0.007 min
Lab File: VU058899.D
Acq: 15 May 2024 12:50

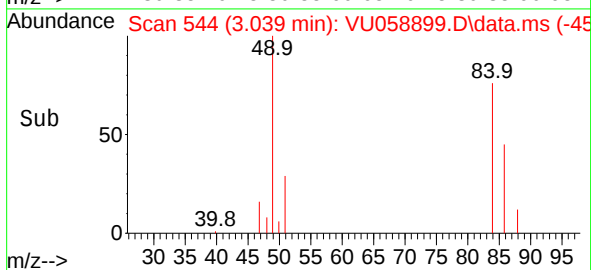
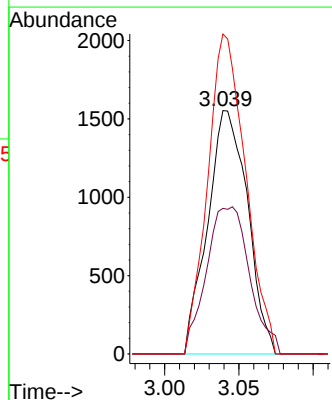
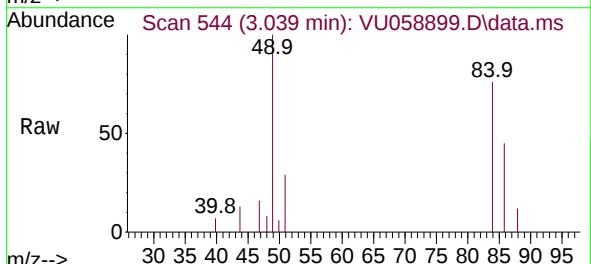
Instrument :
MSVOA_U
ClientSampleId :

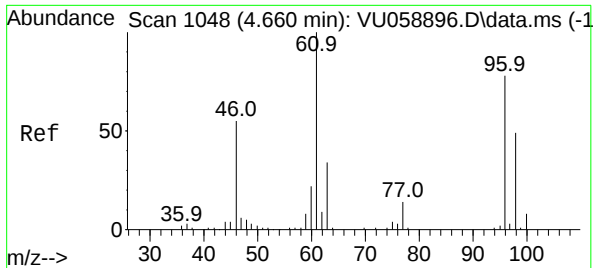
Tgt Ion: 96 Resp: 1585
Ion Ratio Lower Upper
96 100
61 459.8 122.9 228.3#
63 3110.2 80.4 149.4#



#16
Methylene chloride
Concen: 0.231 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU058899.D
Acq: 15 May 2024 12:50

Tgt Ion: 84 Resp: 2905
Ion Ratio Lower Upper
84 100
86 59.8 42.1 78.1
49 131.5 80.6 149.8

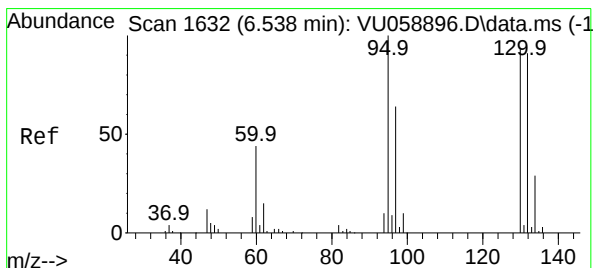
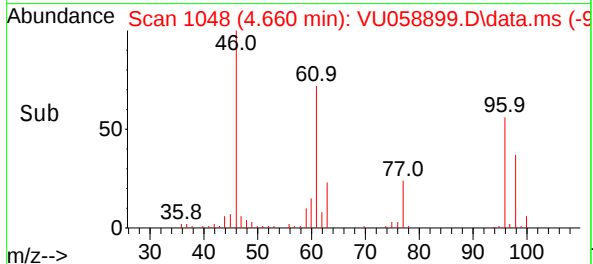
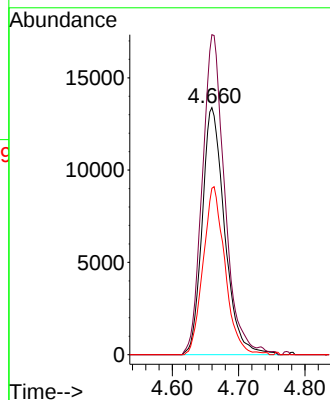
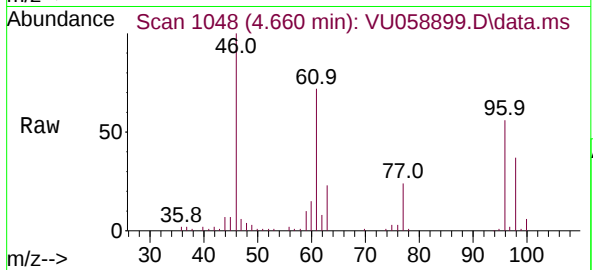




#22
cis-1,2-Dichloroethene
Concen: 2.805 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU058899.D
Acq: 15 May 2024 12:50

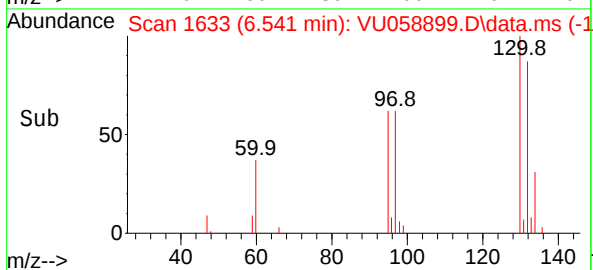
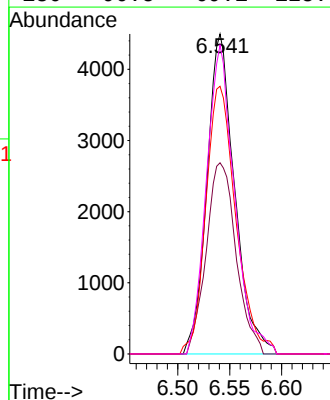
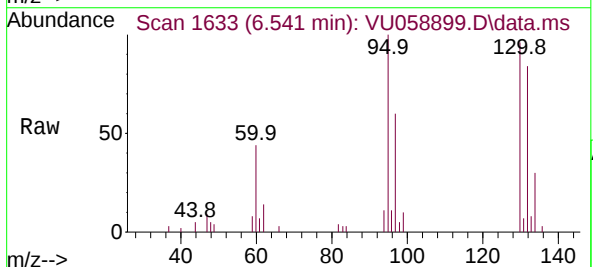
Instrument :
MSVOA_U
ClientSampleId :

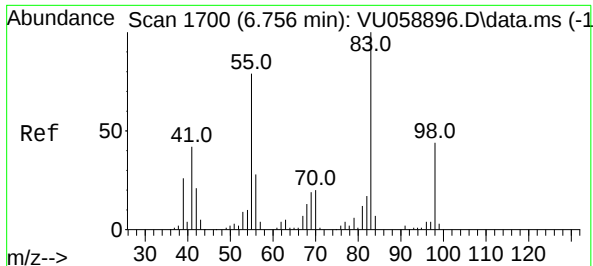
Tgt Ion: 96 Resp: 31473
Ion Ratio Lower Upper
96 100
61 129.5 87.4 162.2
98 67.4 42.3 78.5



#34
Trichloroethene
Concen: 0.723 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU058899.D
Acq: 15 May 2024 12:50

Tgt Ion: 95 Resp: 8332
Ion Ratio Lower Upper
95 100
97 59.8 45.3 84.1
132 83.6 64.0 119.0
130 96.5 69.1 128.3





#35

Methylcyclohexane

Concen: 0.836 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058899.D

Acq: 15 May 2024 12:50

Instrument :

MSVOA_U

ClientSampleId :

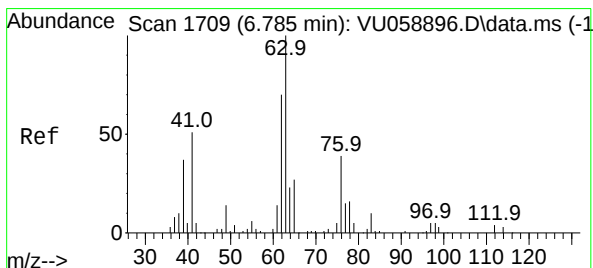
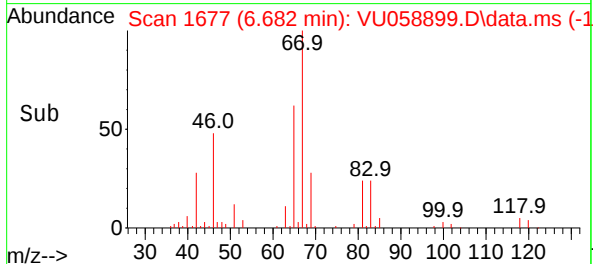
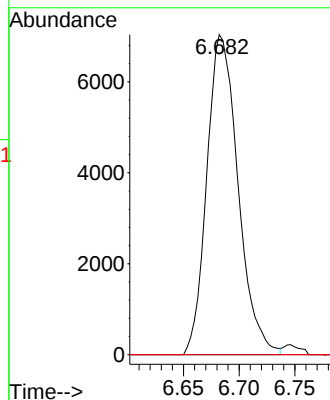
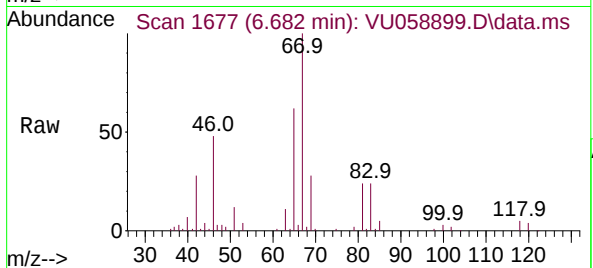
Tgt Ion: 83 Resp: 13733

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 2.1 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.503 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU058899.D

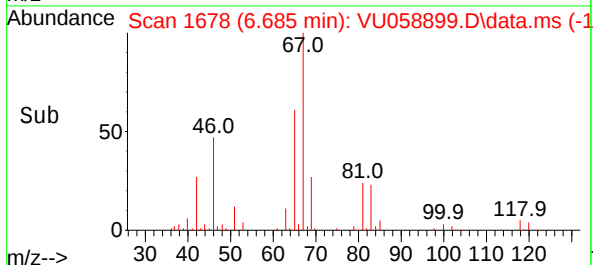
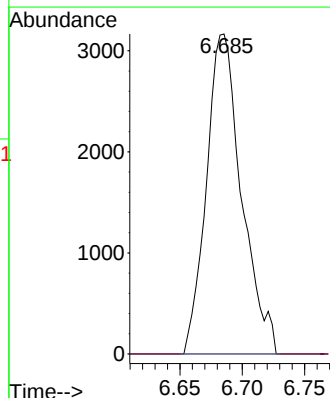
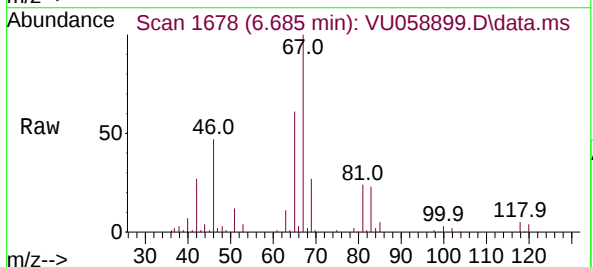
Acq: 15 May 2024 12:50

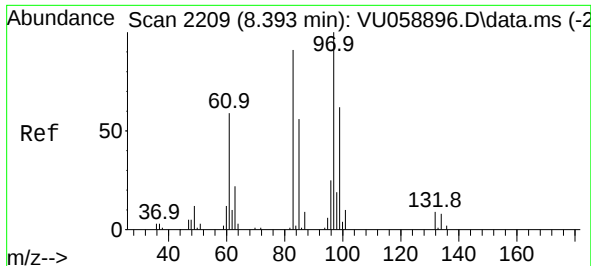
Tgt Ion: 63 Resp: 6221

Ion Ratio Lower Upper

63 100

112 0.3 2.6 3.8#





#45

1,1,2-Trichloroethane

Concen: 0.090 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.154 min

Lab File: VU058899.D

Acq: 15 May 2024 12:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 786

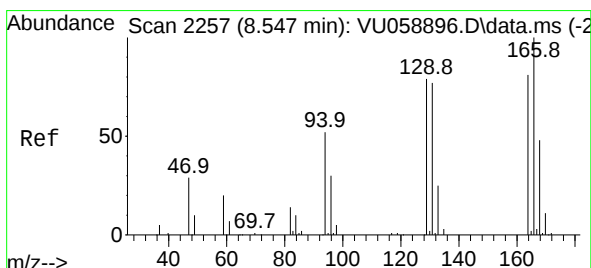
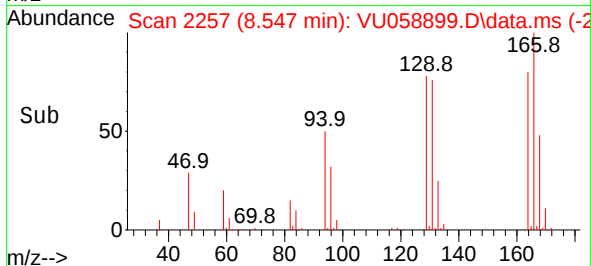
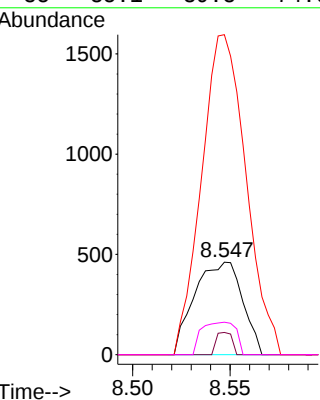
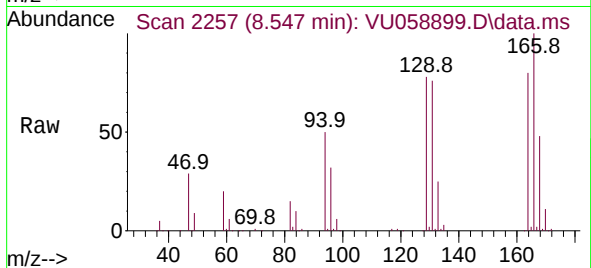
Ion Ratio Lower Upper

97 100

99 24.1 43.3 80.3#

83 346.2 62.3 115.7#

85 35.1 39.8 74.0#



#47

Tetrachloroethene

Concen: 12.576 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU058899.D

Acq: 15 May 2024 12:50

Tgt Ion:164 Resp: 103177

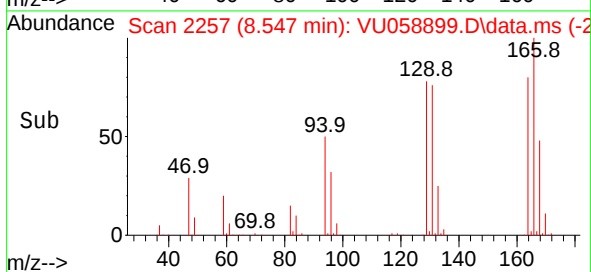
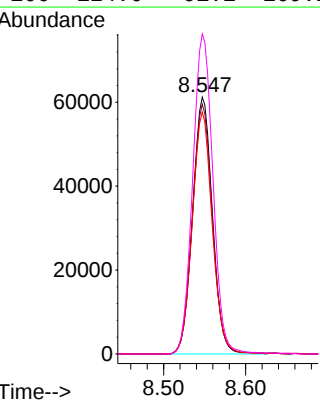
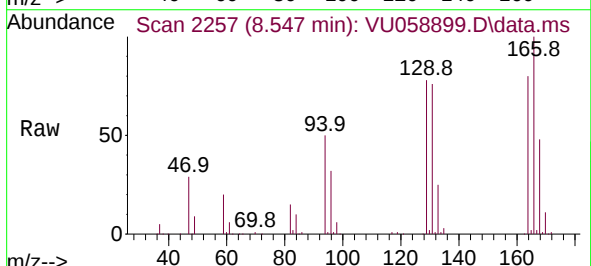
Ion Ratio Lower Upper

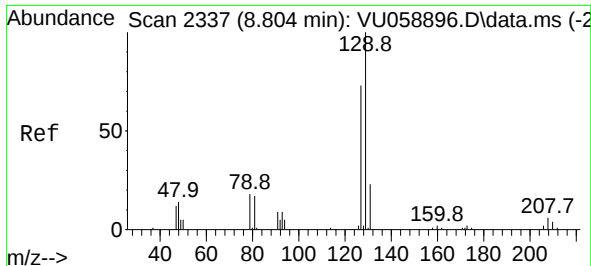
164 100

129 97.3 70.8 131.4

131 94.2 64.8 120.3

166 124.6 91.1 169.1





#49

Dibromochloromethane

Concen: 10.966 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058899.D

Acq: 15 May 2024 12:50

Instrument :

MSVOA_U

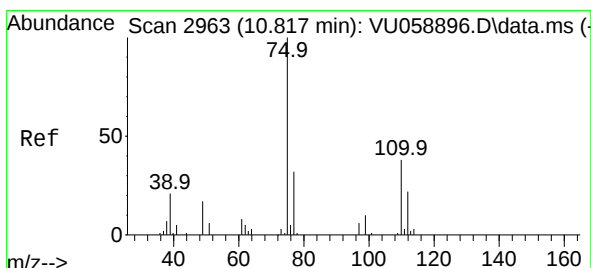
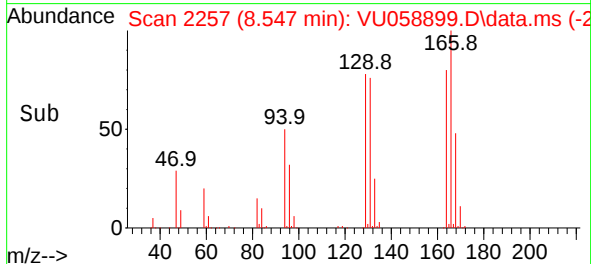
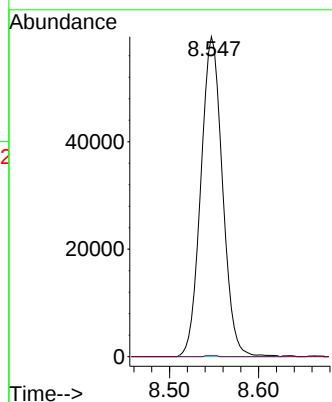
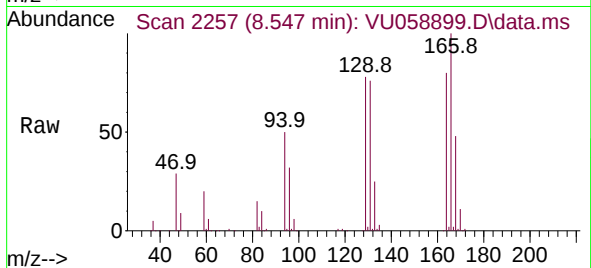
ClientSampleId :

Tgt Ion:129 Resp: 100525

Ion Ratio Lower Upper

129 100

127 0.3 52.5 97.5#



#61

1,2,3-Trichloropropane

Concen: 1.255 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU058899.D

Acq: 15 May 2024 12:50

Tgt Ion: 75 Resp: 8461

Ion Ratio Lower Upper

75 100

110 1.1 27.1 40.7#

77 35.4 25.4 38.2

