

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051524\
 Data File : VU058900.D
 Acq On : 15 May 2024 13:14
 Operator : MD/SY
 Sample : P2392-14DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 16 01:52:47 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)

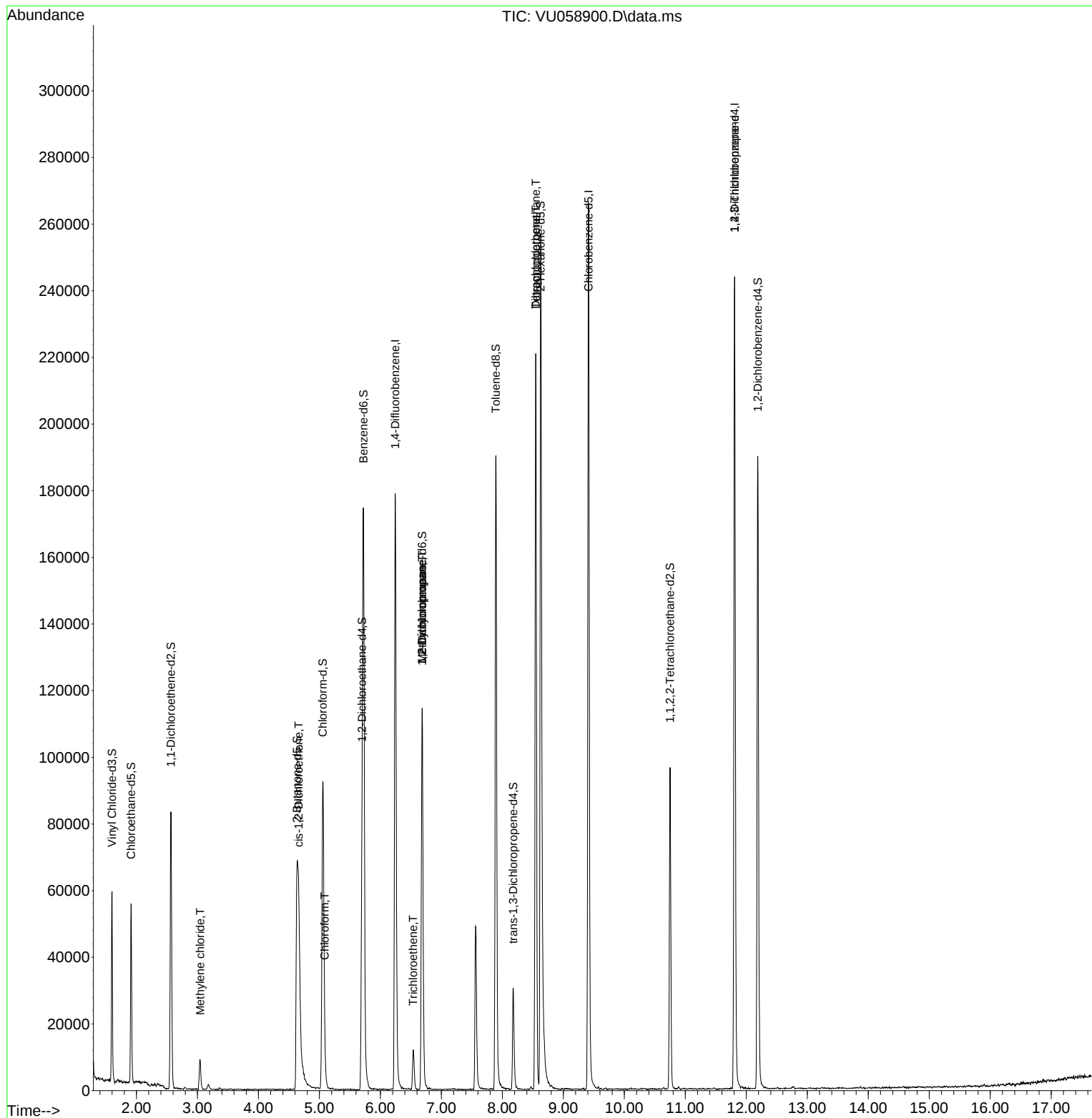
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	147431	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	150248	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	66451	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	39630	4.438	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.911	69	38196	4.732	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.563	65	16116	4.428	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.631	46	132081	56.886	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.780%
24) Chloroform-d	5.055	84	88711	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.698	65	45985	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.721	84	168149	4.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.685	67	57697	5.021	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.891	98	133006	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.177	79	18347	4.653	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.627	63	96568	51.026	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.060%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	51290	5.168	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	52202	5.223	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						Qvalue
16) Methylene chloride	3.043	84	4404	0.353	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	13757	1.236	ug/L	95
25) Chloroform	5.084	83	6940	0.329	ug/L	87
34) Trichloroethene	6.538	95	4219	0.361	ug/L	95
35) Methylcyclohexane	6.685	83	12868	0.772	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6205	0.495	ug/L #	90
47) Tetrachloroethene	8.547	164	46225	5.554	ug/L	97
49) Dibromochloromethane	8.547	129	45974	4.944	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	8892	1.299	ug/L #	71

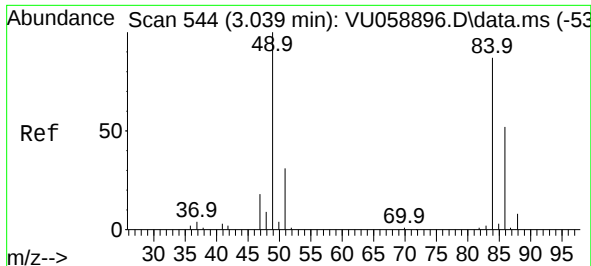
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 16 01:51:35 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.353 ug/L

RT: 3.043 min Scan# 544

Delta R.T. 0.003 min

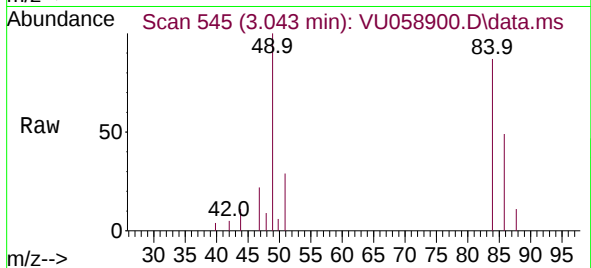
Lab File: VU058900.D

Acq: 15 May 2024 13:14

Instrument :

MSVOA_U

ClientSampleId :



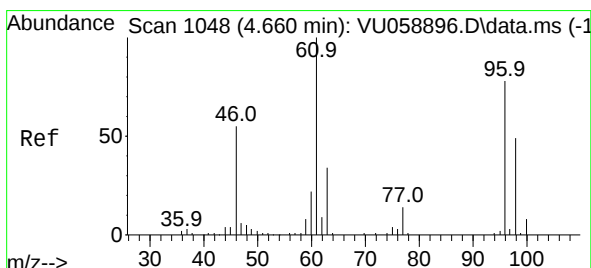
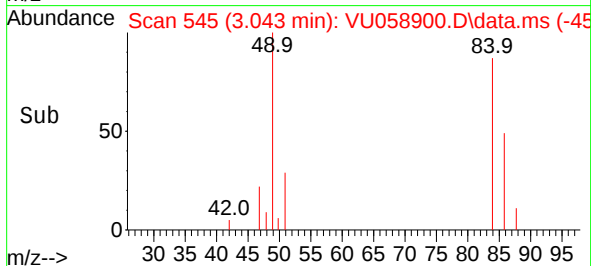
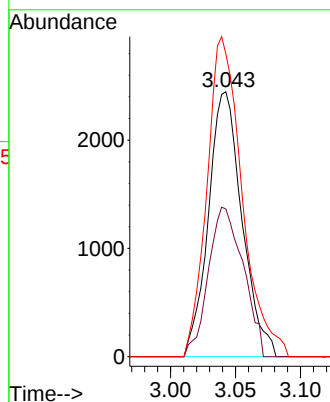
Tgt Ion: 84 Resp: 4404

Ion Ratio Lower Upper

84 100

86 55.8 42.1 78.1

49 121.2 80.6 149.8



#22

cis-1,2-Dichloroethene

Concen: 1.236 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU058900.D

Acq: 15 May 2024 13:14

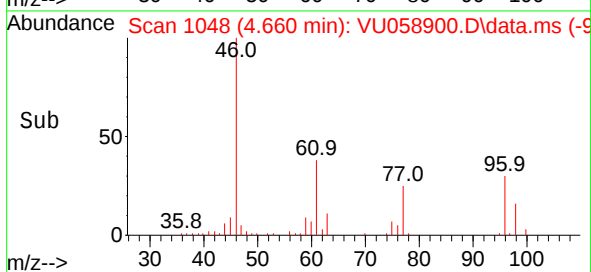
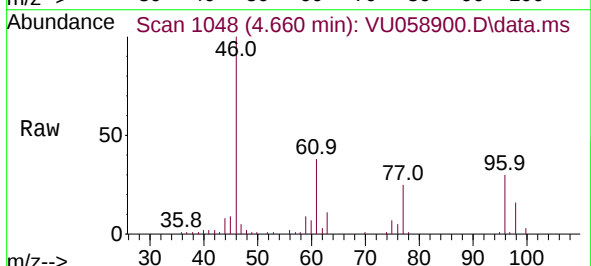
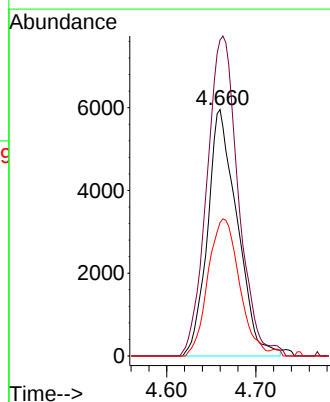
Tgt Ion: 96 Resp: 13757

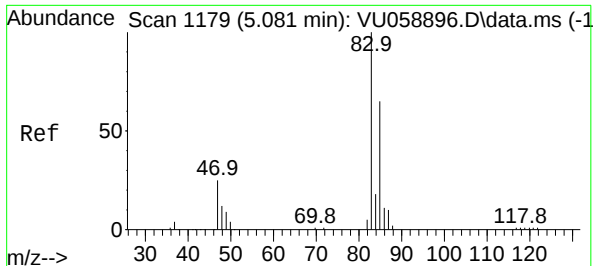
Ion Ratio Lower Upper

96 100

61 128.2 87.4 162.2

98 54.1 42.3 78.5





#25

Chloroform

Concen: 0.329 ug/L

RT: 5.084 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VU058900.D

Acq: 15 May 2024 13:14

Instrument :

MSVOA_U

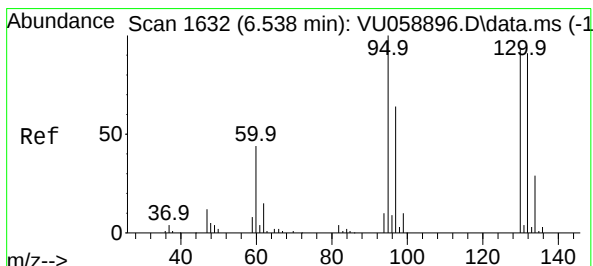
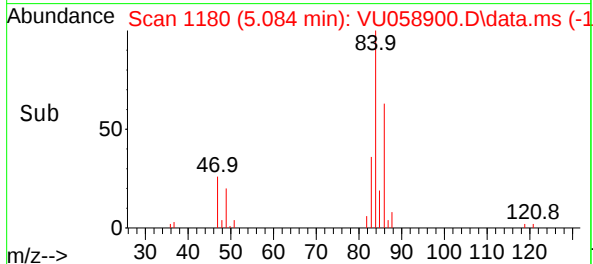
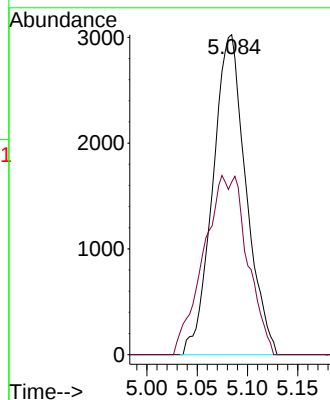
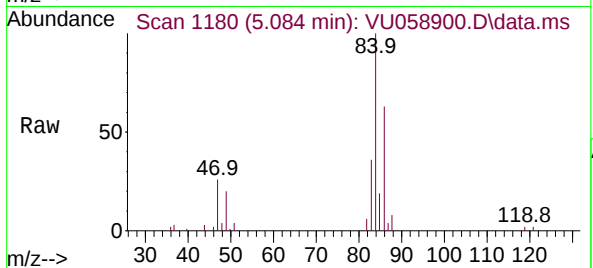
ClientSampleId :

Tgt Ion: 83 Resp: 6940

Ion Ratio Lower Upper

83 100

85 54.0 44.7 83.1



#34

Trichloroethene

Concen: 0.361 ug/L

RT: 6.538 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU058900.D

Acq: 15 May 2024 13:14

Tgt Ion: 95 Resp: 4219

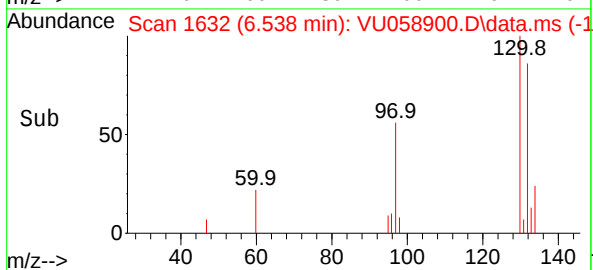
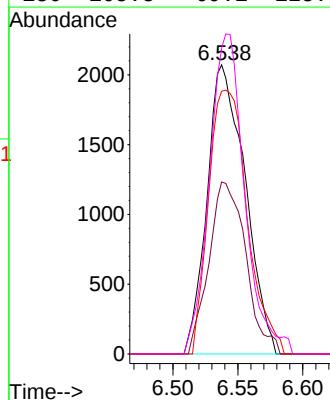
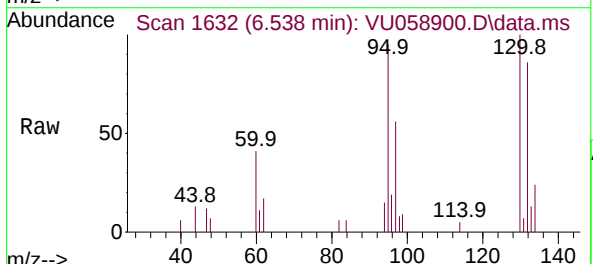
Ion Ratio Lower Upper

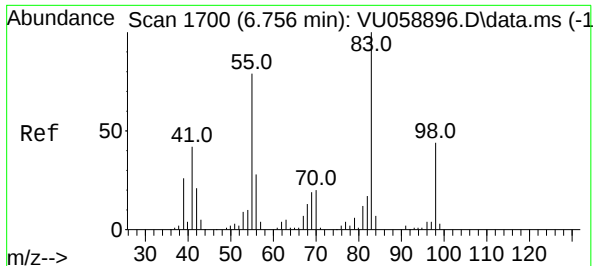
95 100

97 59.5 45.3 84.1

132 90.8 64.0 119.0

130 105.8 69.1 128.3





#35

Methylcyclohexane

Concen: 0.772 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU058900.D

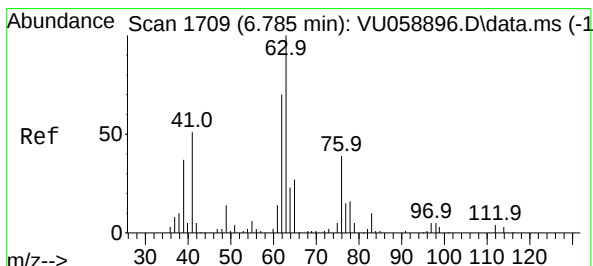
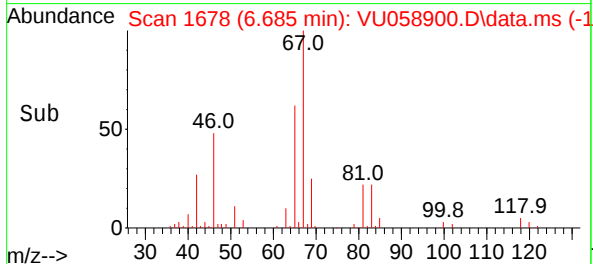
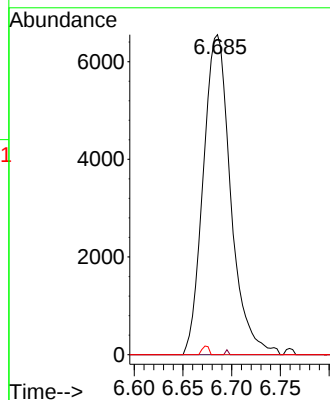
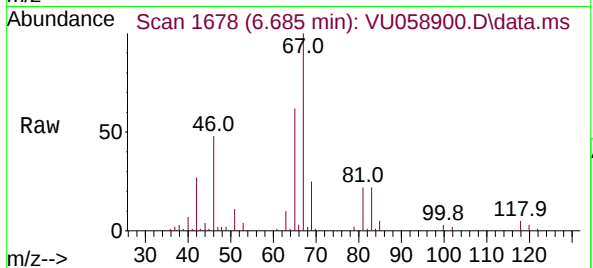
Acq: 15 May 2024 13:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 12868
Ion Ratio	Lower Upper
83	100
55	0.2 62.7 94.1#
98	0.7 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.495 ug/L

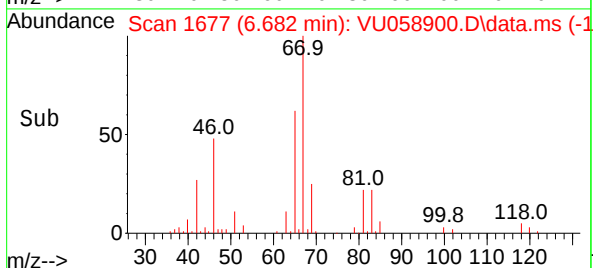
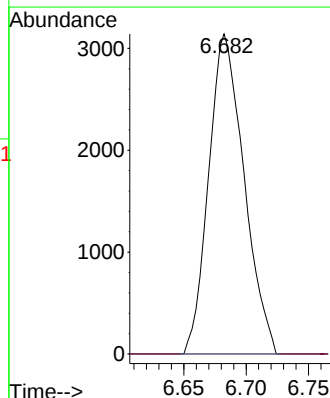
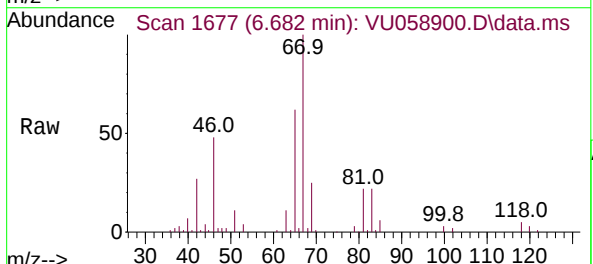
RT: 6.682 min Scan# 1677

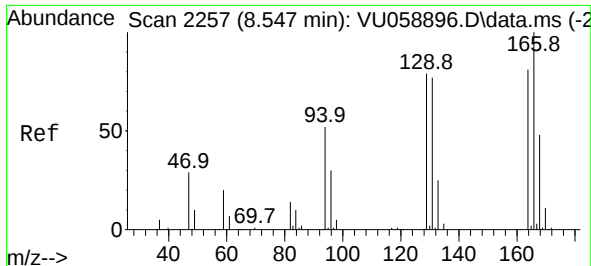
Delta R.T. -0.103 min

Lab File: VU058900.D

Acq: 15 May 2024 13:14

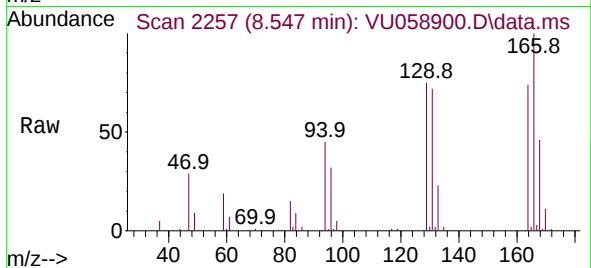
Tgt Ion: 63	Resp: 6205
Ion Ratio	Lower Upper
63	100
112	0.0 2.6 3.8#



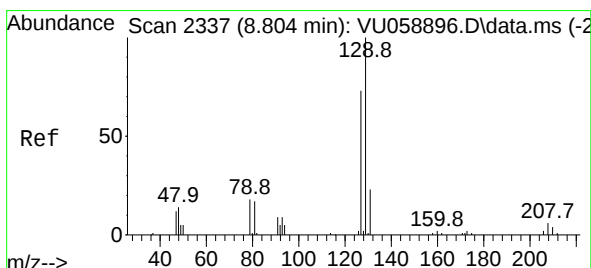
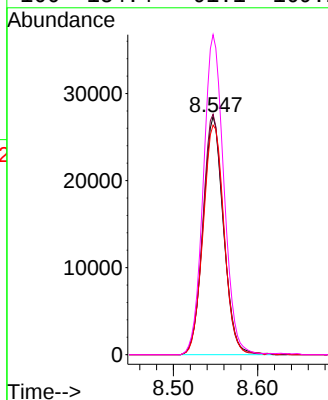
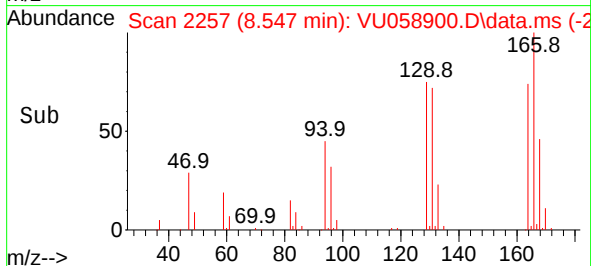


#47
Tetrachloroethene
Concen: 5.554 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058900.D
Acq: 15 May 2024 13:14

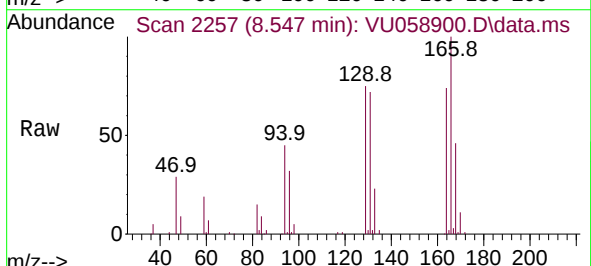
Instrument :
MSVOA_U
ClientSampleId :



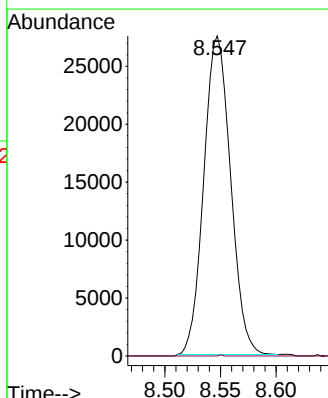
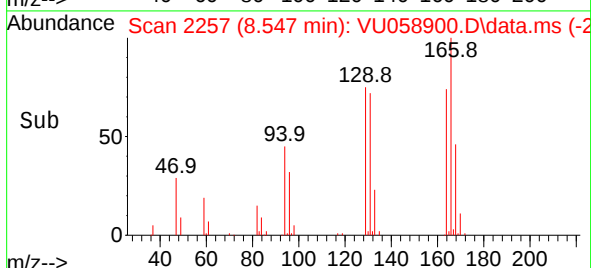
Tgt Ion:164 Resp: 46225
Ion Ratio Lower Upper
164 100
129 101.0 70.8 131.4
131 96.5 64.8 120.3
166 134.4 91.1 169.1

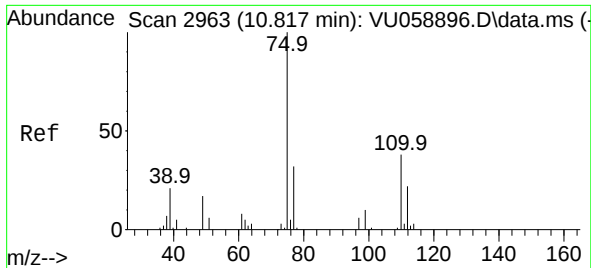


#49
Dibromochloromethane
Concen: 4.944 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU058900.D
Acq: 15 May 2024 13:14



Tgt Ion:129 Resp: 45974
Ion Ratio Lower Upper
129 100
127 0.0 52.5 97.5#





#61

1,2,3-Trichloropropane

Concen: 1.299 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

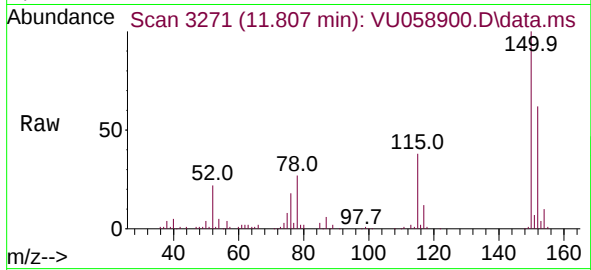
Lab File: VU058900.D

Acq: 15 May 2024 13:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 8892

Ion Ratio Lower Upper

75 100

110 2.7 27.1 40.7#

77 32.9 25.4 38.2

