

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058886.D
 Acq On : 14 May 2024 14:55
 Operator : MD/SY
 Sample : P2392-12 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 01:08:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:49:30 2024
 Response via : Initial Calibration

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

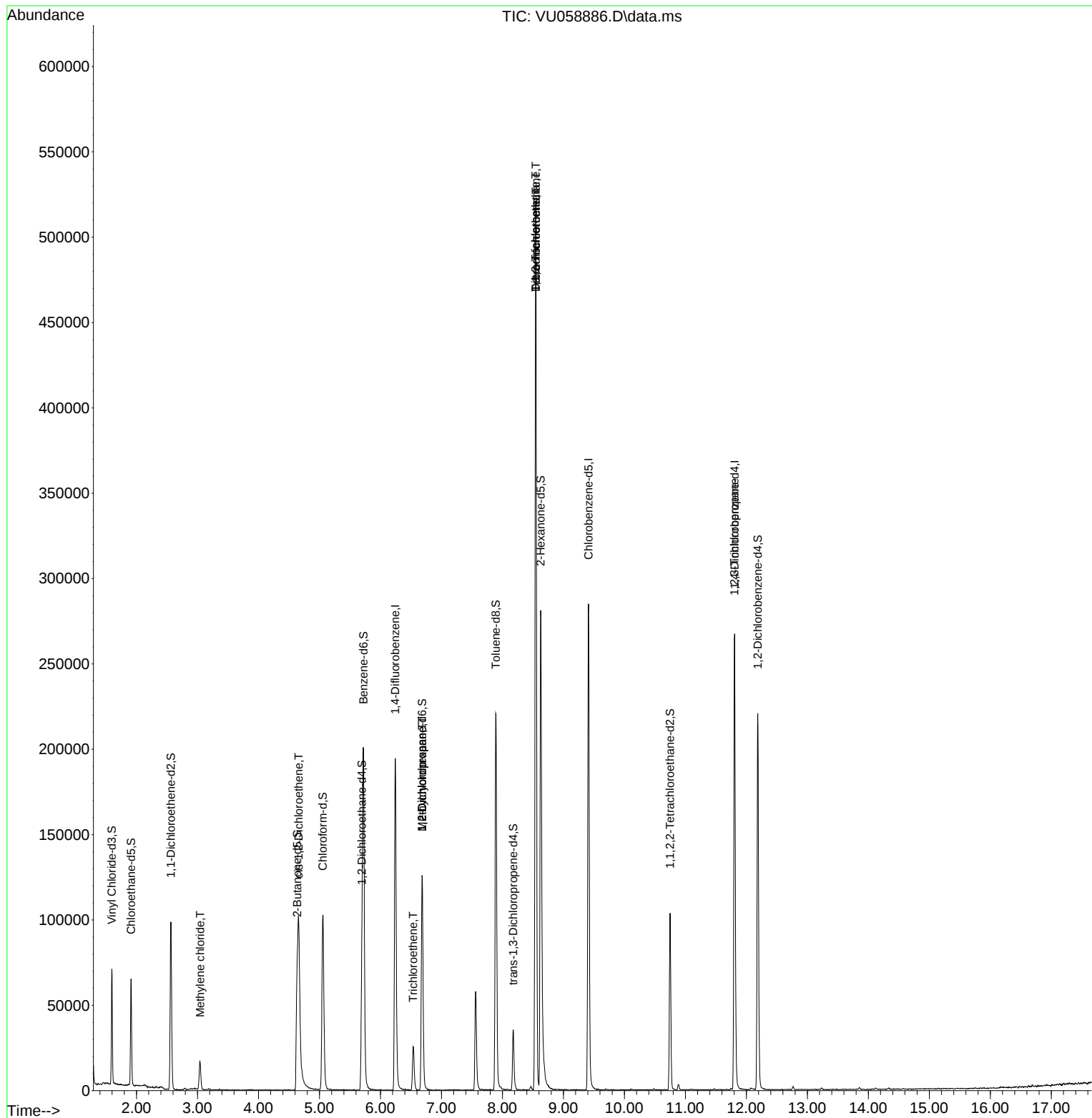
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162779	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159753	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72782	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45557	4.620	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.911	69	43964	4.933	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.563	65	18735	4.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.634	46	134600	52.505	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.000%
24) Chloroform-d	5.055	84	98770	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.695	65	52193	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.721	84	190615	5.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	6.682	67	63943	5.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.891	98	154958	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.177	79	20817	4.965	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.627	63	108229	53.786	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53850	5.103	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	59071	5.397	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	8120	0.590	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	33271	2.706	ug/L	96
34) Trichloroethene	6.537	95	8694	0.700	ug/L	96
35) Methylcyclohexane	6.682	83	14042	0.792	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	6444	0.483	ug/L #	90
45) 1,1,2-Trichloroethane	8.544	97	1025	0.109	ug/L #	1
47) Tetrachloroethene	8.547	164	113393	12.814	ug/L	96
49) Dibromochloromethane	8.547	129	108978	11.021	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	9909	1.322	ug/L #	69

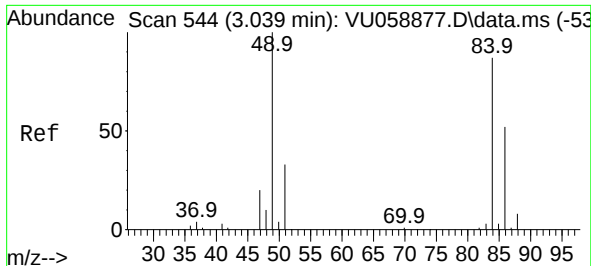
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 15 00:49:30 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.590 ug/L

RT: 3.042 min Scan# 544

Delta R.T. 0.003 min

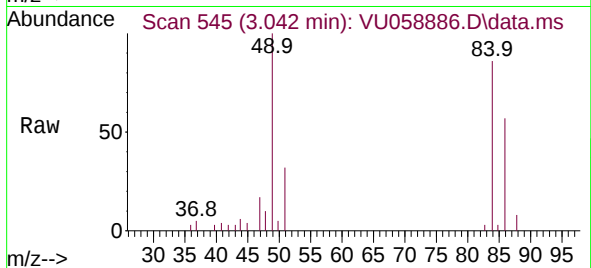
Lab File: VU058886.D

Acq: 14 May 2024 14:55

Instrument :

MSVOA_U

ClientSampleId :



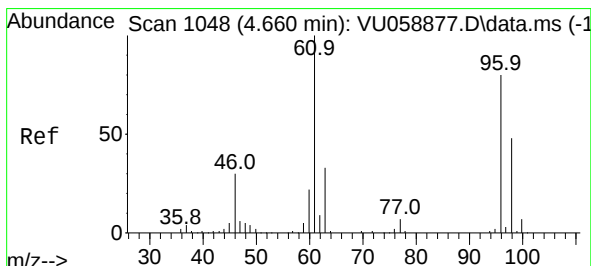
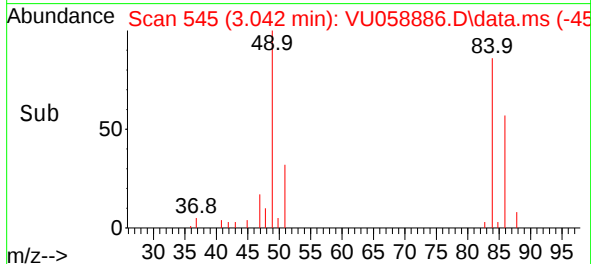
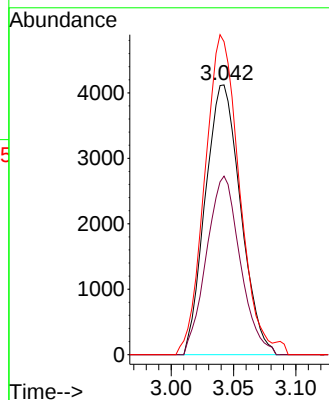
Tgt Ion: 84 Resp: 8120

Ion Ratio Lower Upper

84 100

86 66.2 42.1 78.1

49 122.4 80.6 149.8



#22

cis-1,2-Dichloroethene

Concen: 2.706 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU058886.D

Acq: 14 May 2024 14:55

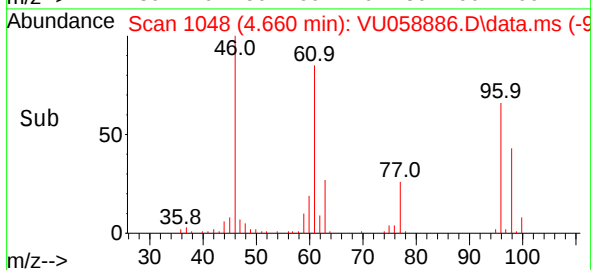
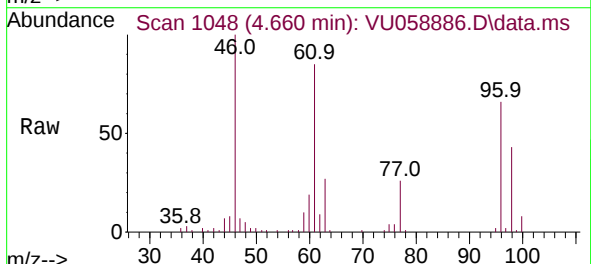
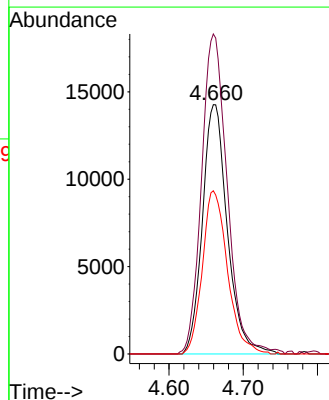
Tgt Ion: 96 Resp: 33271

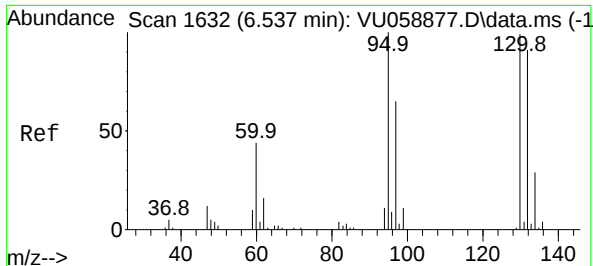
Ion Ratio Lower Upper

96 100

61 128.4 87.4 162.2

98 65.5 42.3 78.5

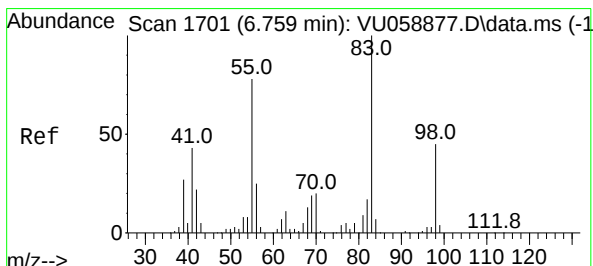
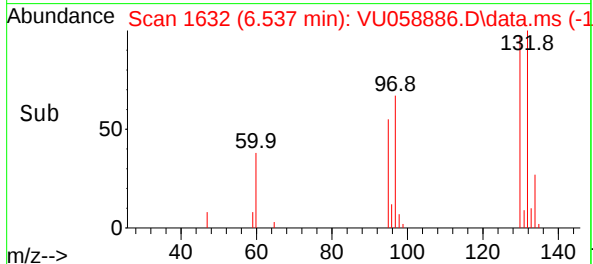
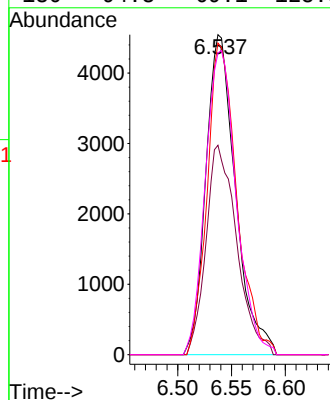
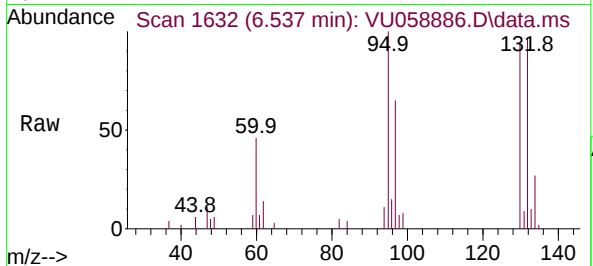




#34
Trichloroethene
Concen: 0.700 ug/L
RT: 6.537 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VU058886.D
Acq: 14 May 2024 14:55

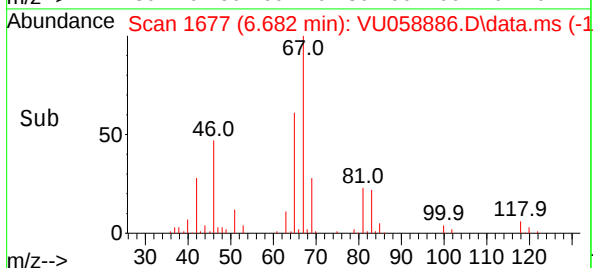
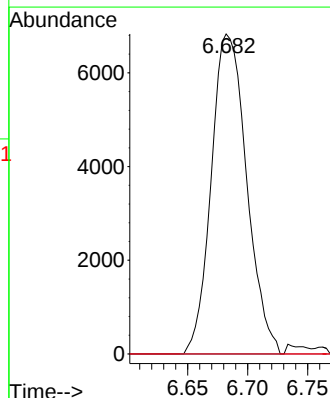
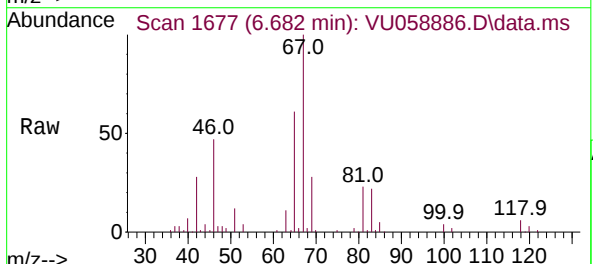
Instrument :
MSVOA_U
ClientSampleId :

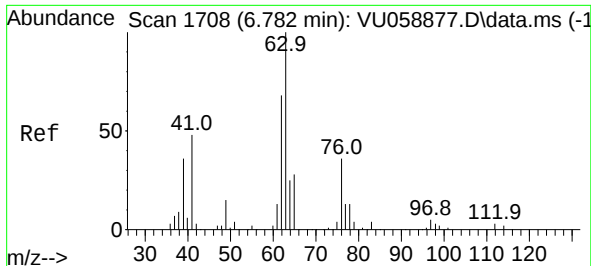
Tgt Ion: 95 Resp: 8694
Ion Ratio Lower Upper
95 100
97 65.5 45.3 84.1
132 97.4 64.0 119.0
130 94.3 69.1 128.3



#35
Methylcyclohexane
Concen: 0.792 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU058886.D
Acq: 14 May 2024 14:55

Tgt Ion: 83 Resp: 14042
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 2.0 35.4 53.0#

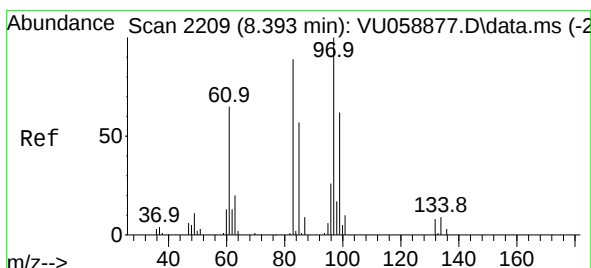
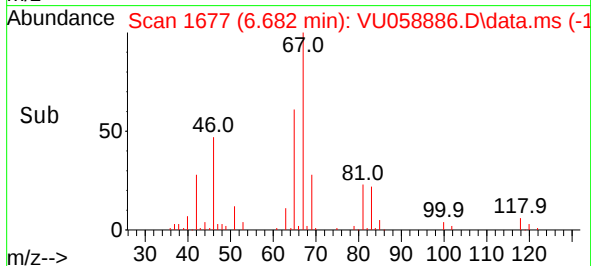
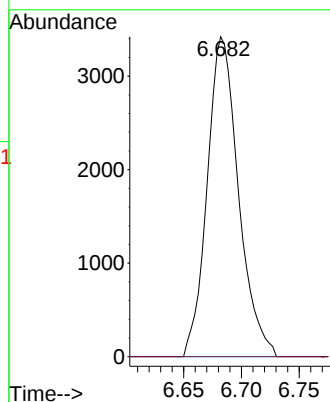
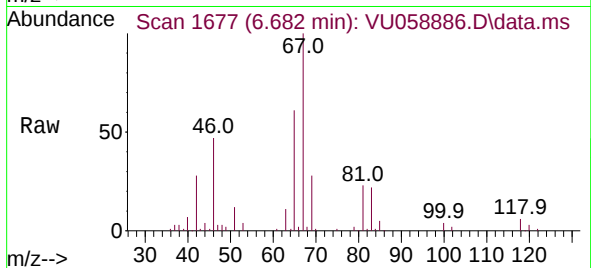




#37
1,2-Dichloropropane
Concen: 0.483 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058886.D
Acq: 14 May 2024 14:55

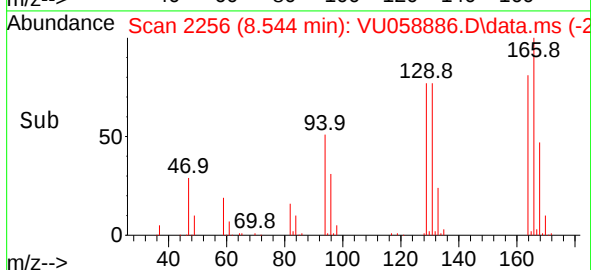
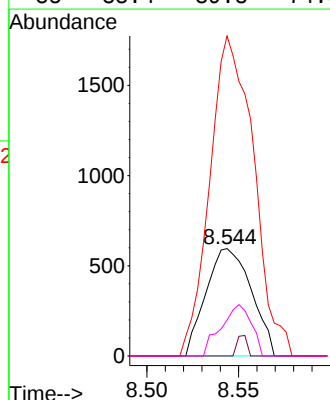
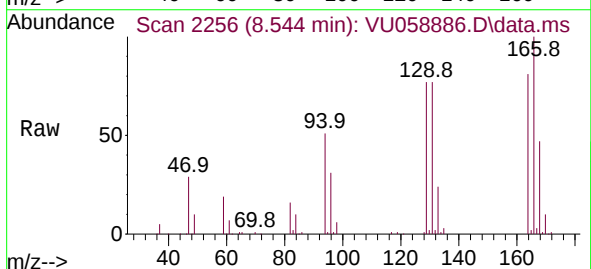
Instrument :
MSVOA_U
ClientSampleId :

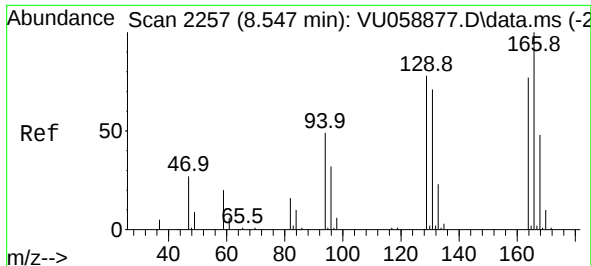
Tgt Ion: 63 Resp: 6444
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#45
1,1,2-Trichloroethane
Concen: 0.109 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.151 min
Lab File: VU058886.D
Acq: 14 May 2024 14:55

Tgt Ion: 97 Resp: 1025
Ion Ratio Lower Upper
97 100
99 0.0 43.3 80.3#
83 298.2 62.3 115.7#
85 33.4 39.8 74.0#





#47

Tetrachloroethene

Concen: 12.814 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

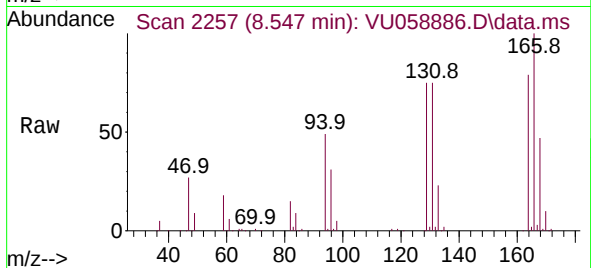
Lab File: VU058886.D

Acq: 14 May 2024 14:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 113393

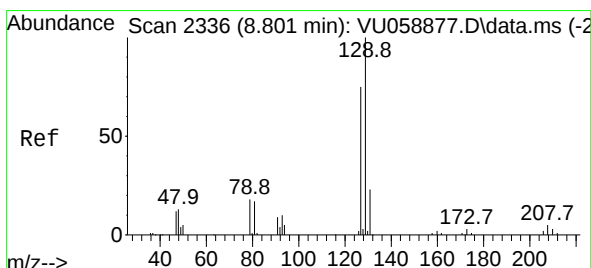
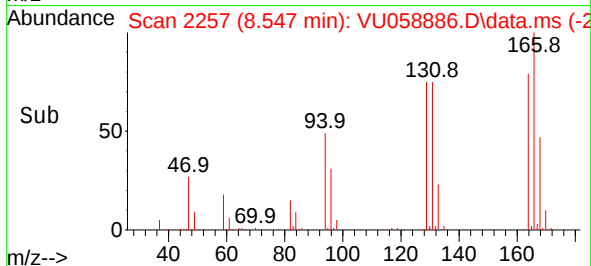
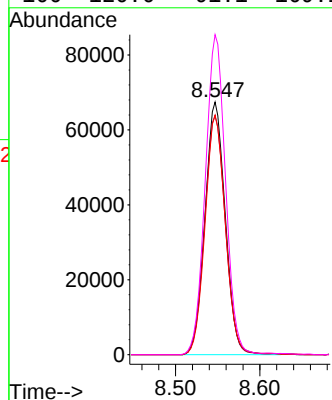
Ion Ratio Lower Upper

164 100

129 94.7 70.8 131.4

131 94.7 64.8 120.3

166 126.6 91.1 169.1



#49

Dibromochloromethane

Concen: 11.021 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU058886.D

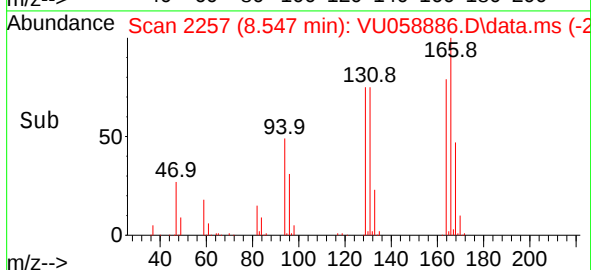
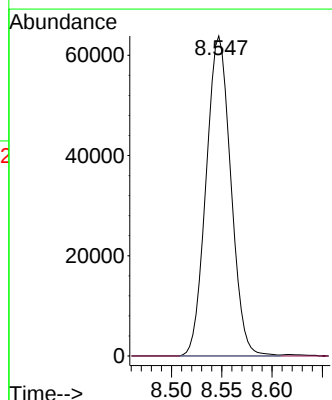
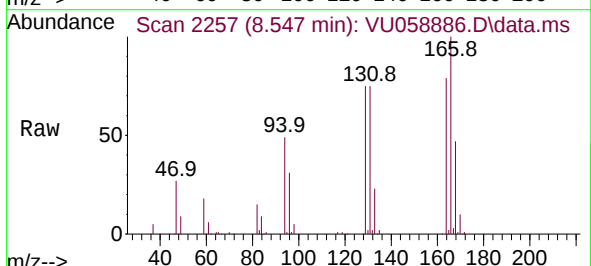
Acq: 14 May 2024 14:55

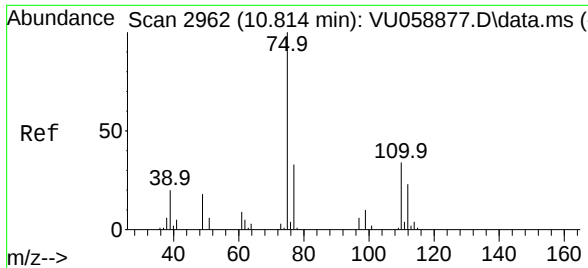
Tgt Ion:129 Resp: 108978

Ion Ratio Lower Upper

129 100

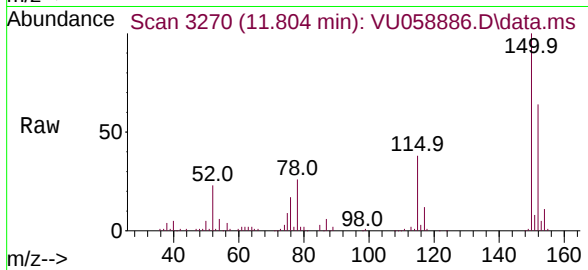
127 0.0 52.5 97.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.322 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU058886.D
 Acq: 14 May 2024 14:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	9909
Ion	Ratio	Lower	Upper
75	100		
110	0.9	27.1	40.7#
77	29.9	25.4	38.2

