

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050624\
 Data File : VU058828.D
 Acq On : 06 May 2024 12:38
 Operator : MD/SY
 Sample : P2392-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 01:10:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 07 01:07:14 2024
 Response via : Initial Calibration

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

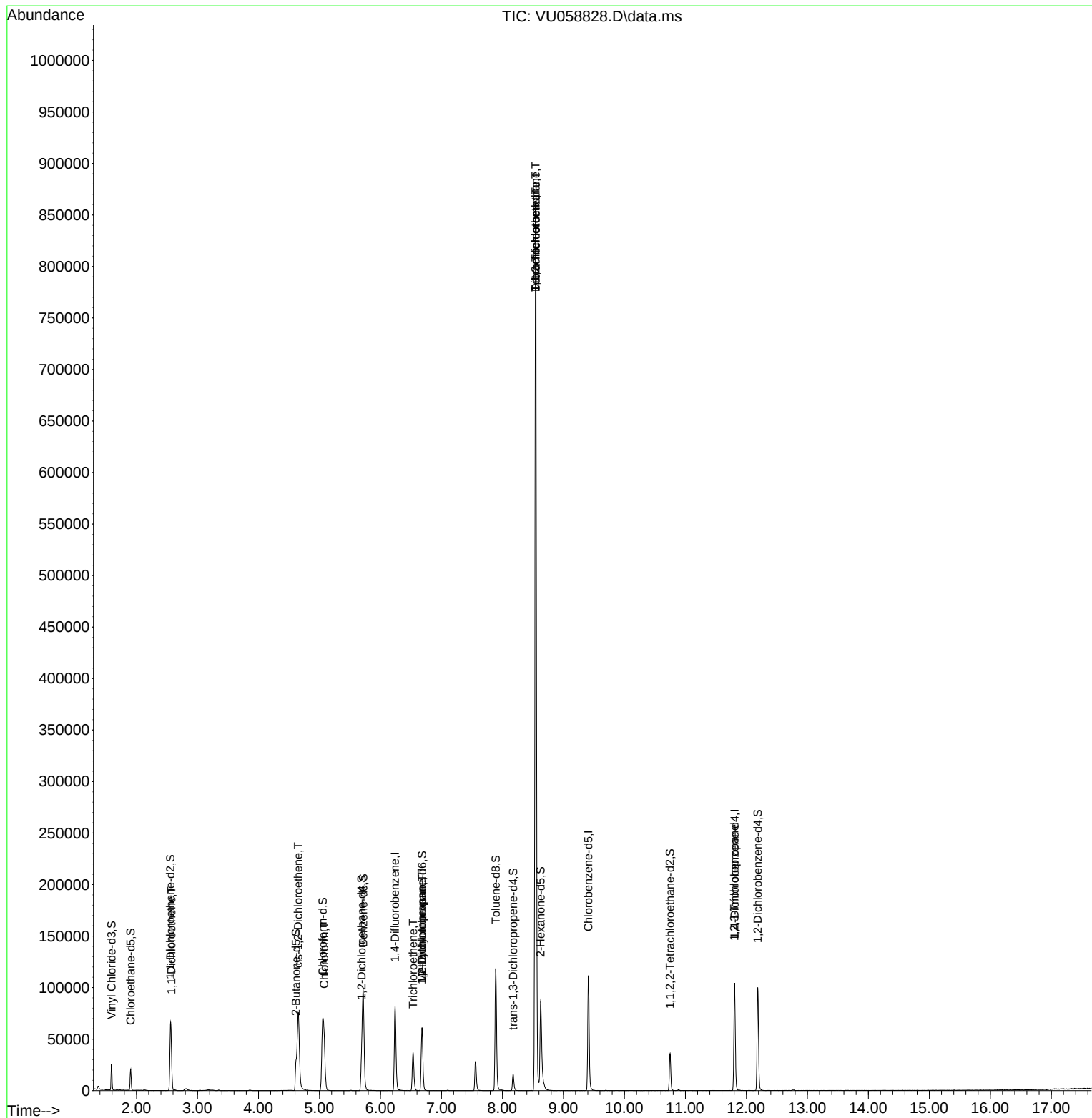
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	64807	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	60691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28335	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	16642	3.265	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.904	69	13508	3.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.400%
11) 1,1-Dichloroethene-d2	2.557	65	10432	4.065	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.615	46	38506	42.994	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.980%
24) Chloroform-d	5.052	84	54885	5.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.692	65	26477	5.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.718	84	89356	4.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.682	67	25853	4.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.891	98	80265	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.177	79	10276	4.898	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.627	63	29425	47.336	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.680%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	16777	4.780	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	26770	5.421	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	7228	1.531	ug/L #	45
22) cis-1,2-Dichloroethene	4.653	96	36537	7.036	ug/L	93
25) Chloroform	5.078	83	41495	3.988	ug/L	98
34) Trichloroethene	6.537	95	13123	2.297	ug/L	95
35) Methylcyclohexane	6.682	83	6742	0.776	ug/L #	16
37) 1,2-Dichloropropane	6.679	63	3508	0.640	ug/L #	89
45) 1,1,2-Trichloroethane	8.544	97	1780	0.564	ug/L #	38
47) Tetrachloroethene	8.544	164	183939	45.871	ug/L	97
49) Dibromochloromethane	8.544	129	177132	47.923	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	3222	1.249	ug/L #	63

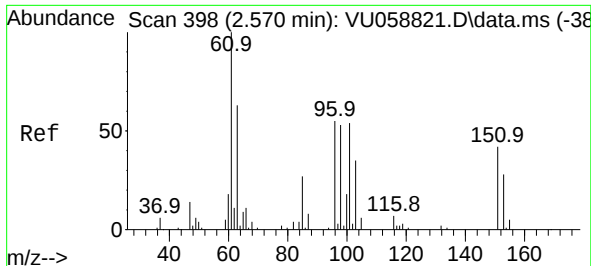
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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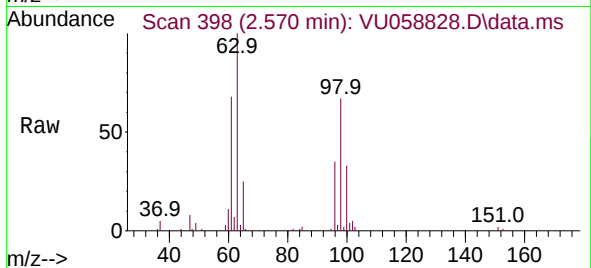
Quant Time: May 07 01:10:05 2024
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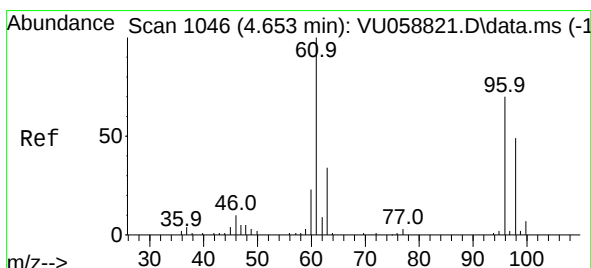
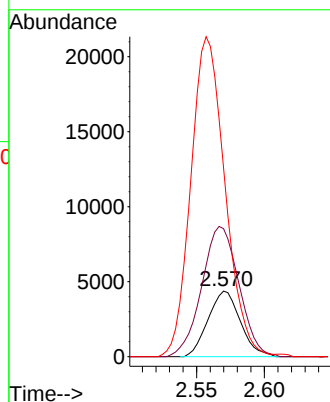
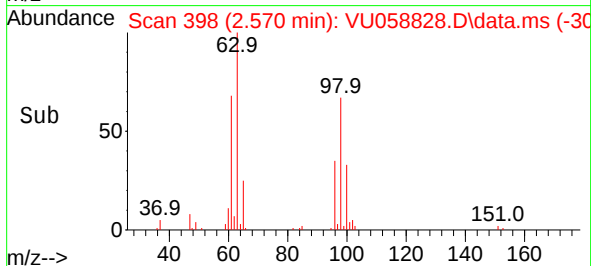


#12
1,1-Dichloroethene
Concen: 1.531 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU058828.D
Acq: 06 May 2024 12:38

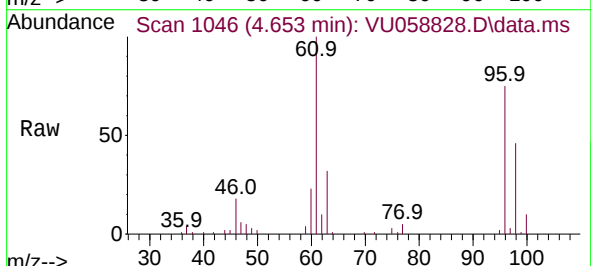
Instrument :
MSVOA_U
ClientSampleId :



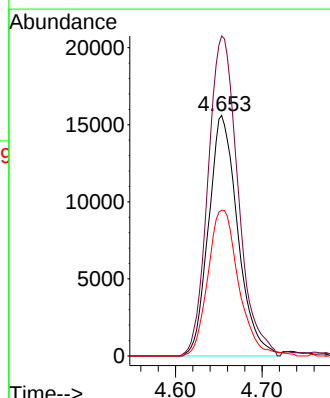
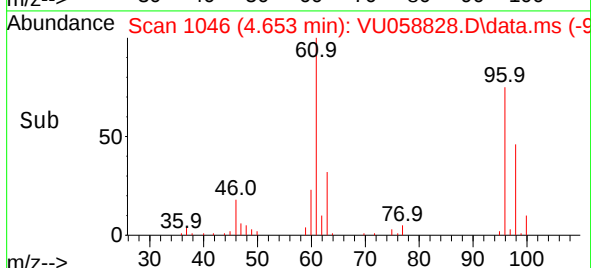
Tgt Ion: 96 Resp: 7228
Ion Ratio Lower Upper
96 100
61 195.4 135.3 251.3
63 288.0 91.9 170.7#

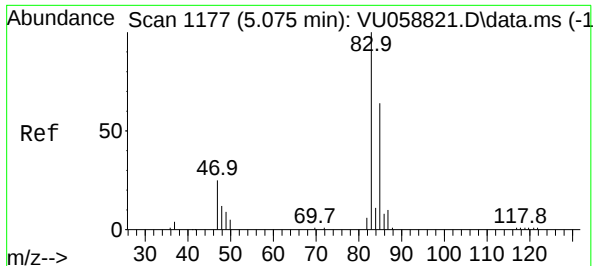


#22
cis-1,2-Dichloroethene
Concen: 7.036 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU058828.D
Acq: 06 May 2024 12:38



Tgt Ion: 96 Resp: 36537
Ion Ratio Lower Upper
96 100
61 133.1 100.4 186.4
98 60.6 45.1 83.7





#25

Chloroform

Concen: 3.988 ug/L

RT: 5.078 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VU058828.D

Acq: 06 May 2024 12:38

Instrument :

MSVOA_U

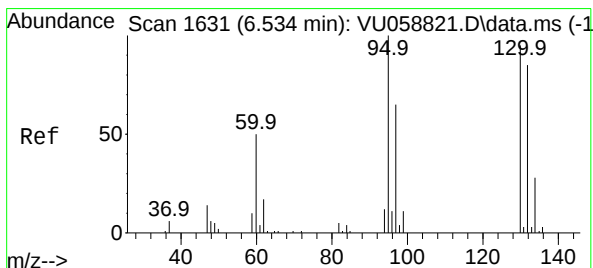
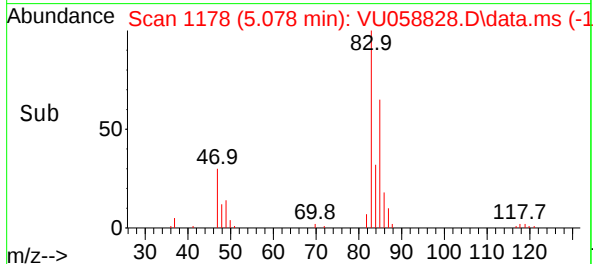
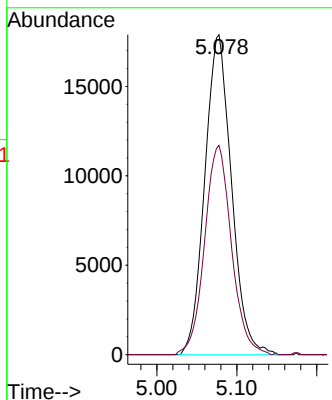
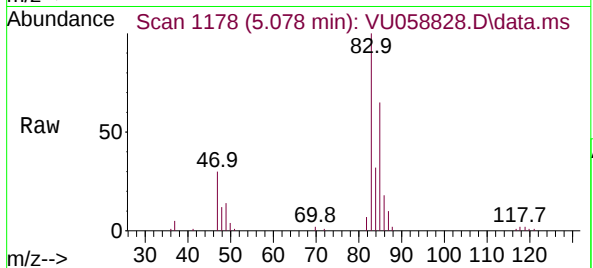
ClientSampleId :

Tgt Ion: 83 Resp: 41495

Ion Ratio Lower Upper

83 100

85 65.4 47.0 87.4



#34

Trichloroethene

Concen: 2.297 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.003 min

Lab File: VU058828.D

Acq: 06 May 2024 12:38

Tgt Ion: 95 Resp: 13123

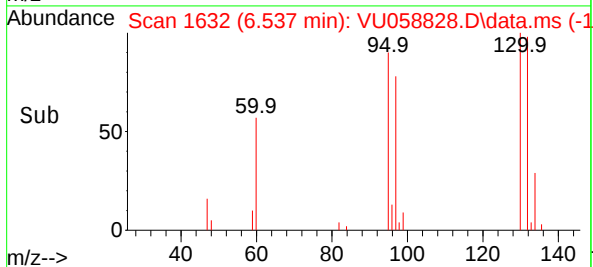
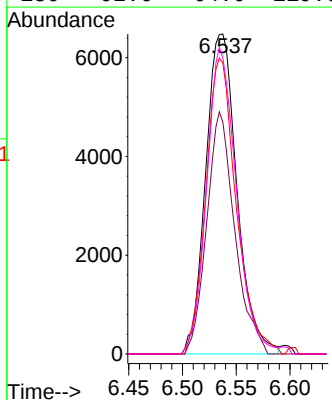
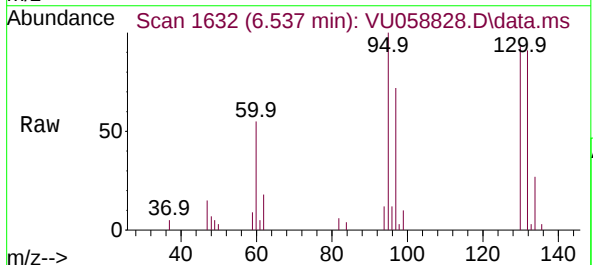
Ion Ratio Lower Upper

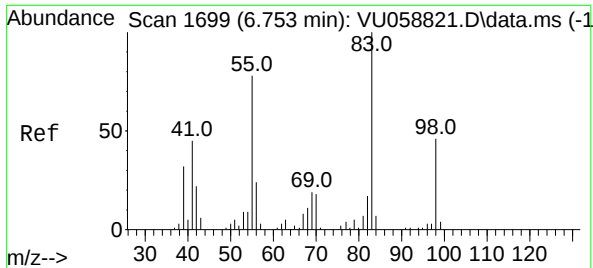
95 100

97 72.5 44.4 82.4

132 90.9 61.6 114.4

130 92.6 64.0 119.0

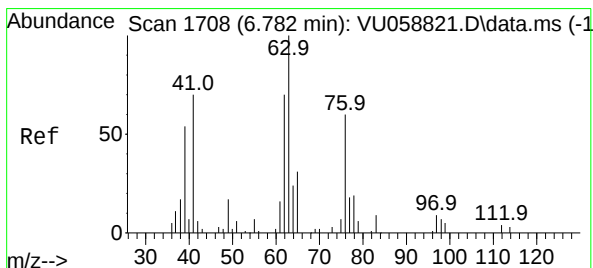
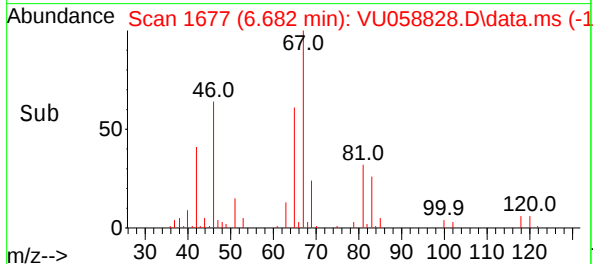
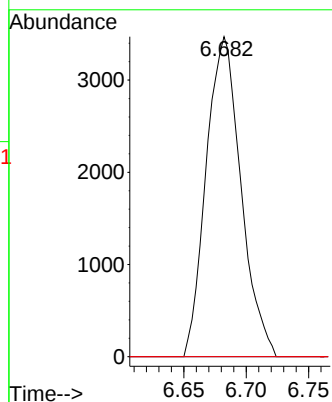
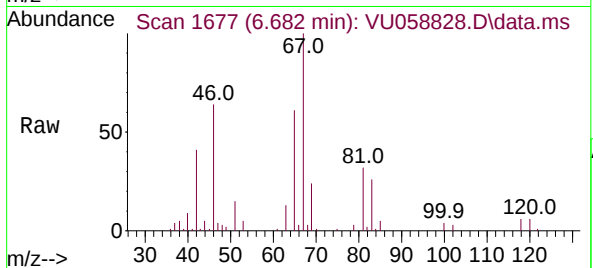




#35
Methylcyclohexane
Concen: 0.776 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU058828.D
Acq: 06 May 2024 12:38

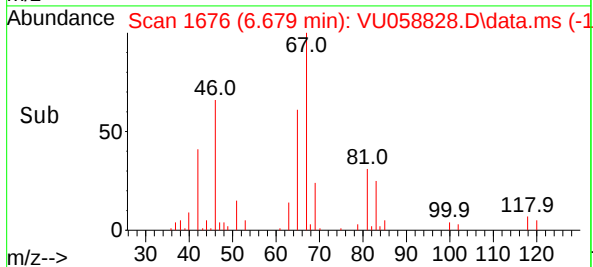
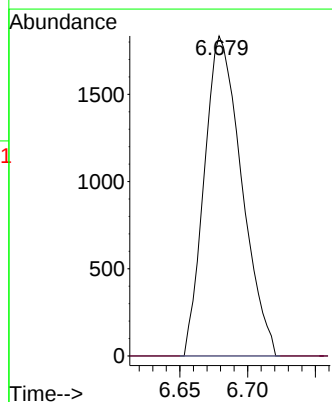
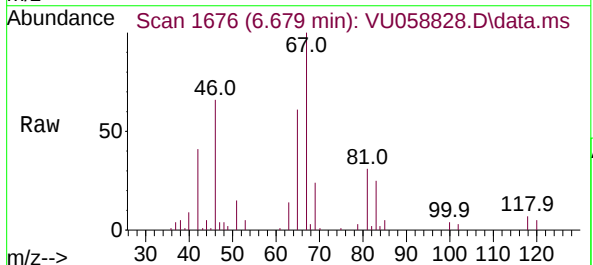
Instrument :
MSVOA_U
ClientSampleId :

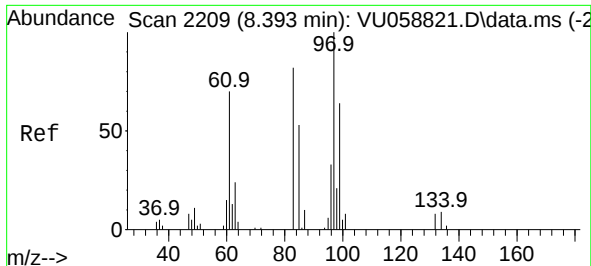
Tgt Ion: 83 Resp: 6742
Ion Ratio Lower Upper
83 100
55 0.0 66.6 100.0#
98 0.0 35.4 53.2#



#37
1,2-Dichloropropane
Concen: 0.640 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU058828.D
Acq: 06 May 2024 12:38

Tgt Ion: 63 Resp: 3508
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#

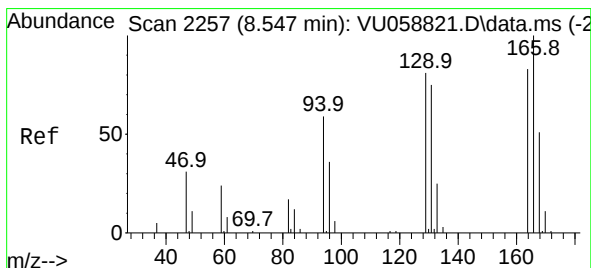
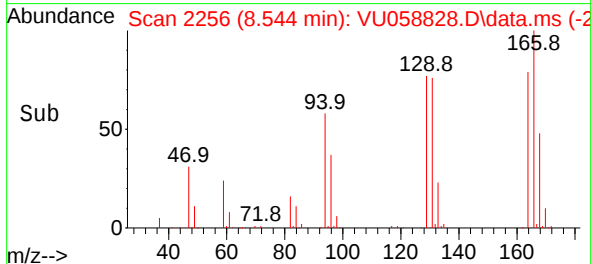
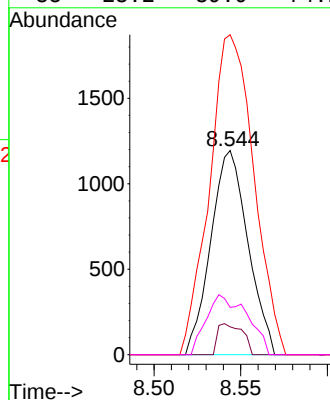
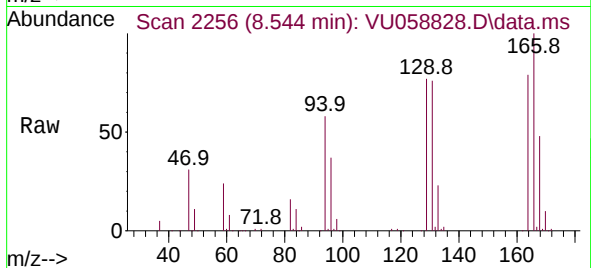




#45
1,1,2-Trichloroethane
Concen: 0.564 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.151 min
Lab File: VU058828.D
Acq: 06 May 2024 12:38

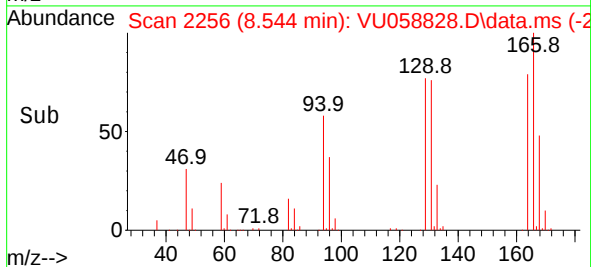
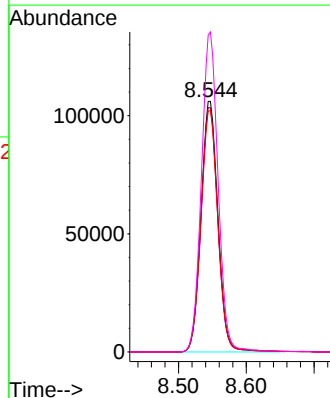
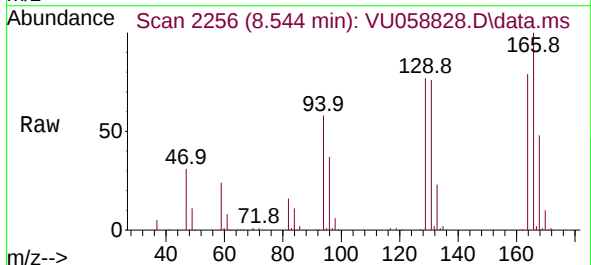
Instrument :
MSVOA_U
ClientSampleId :

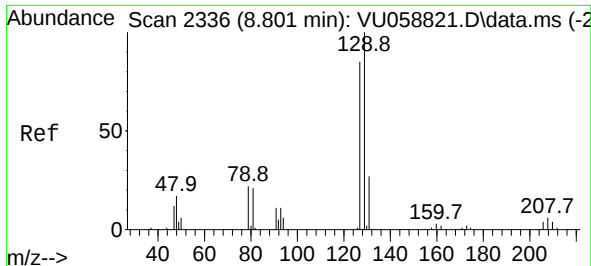
Tgt Ion: 97 Resp: 1780
Ion Ratio Lower Upper
97 100
99 13.7 43.7 81.1#
83 156.8 62.9 116.9#
85 23.2 39.9 74.1#



#47
Tetrachloroethene
Concen: 45.871 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU058828.D
Acq: 06 May 2024 12:38

Tgt Ion:164 Resp: 183939
Ion Ratio Lower Upper
164 100
129 97.5 71.5 132.9
131 96.2 65.0 120.6
166 126.5 89.5 166.1





#49

Dibromochloromethane

Concen: 47.923 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058828.D

Acq: 06 May 2024 12:38

Instrument :

MSVOA_U

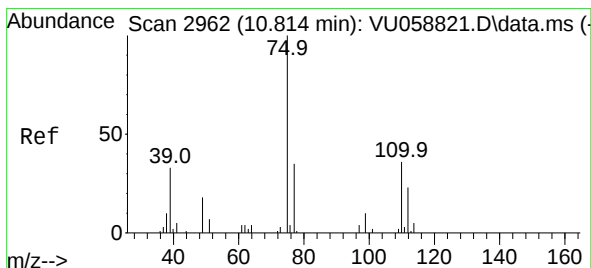
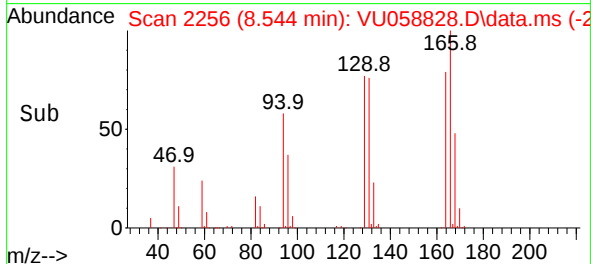
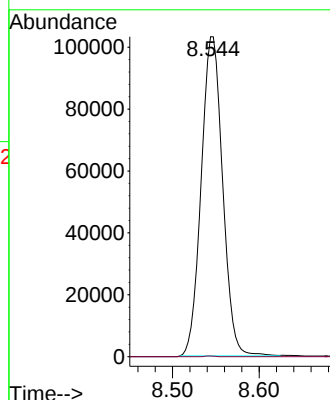
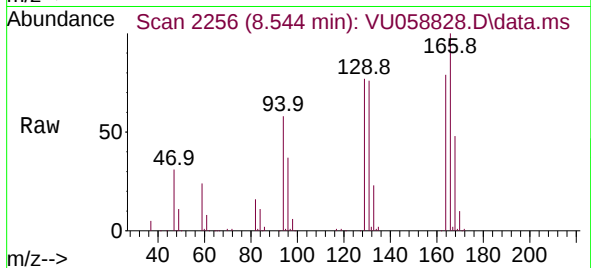
ClientSampleId :

Tgt Ion:129 Resp: 177132

Ion Ratio Lower Upper

129 100

127 0.2 51.0 94.8#



#61

1,2,3-Trichloropropane

Concen: 1.249 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU058828.D

Acq: 06 May 2024 12:38

Tgt Ion: 75 Resp: 3222

Ion Ratio Lower Upper

75 100

110 0.0 28.6 43.0#

77 37.6 25.4 38.2

