

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058631.D
 Acq On : 12 Apr 2024 00:40
 Operator : MD/SY
 Sample : P2055-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 05:01:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 04:41:05 2024
 Response via : Initial Calibration

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

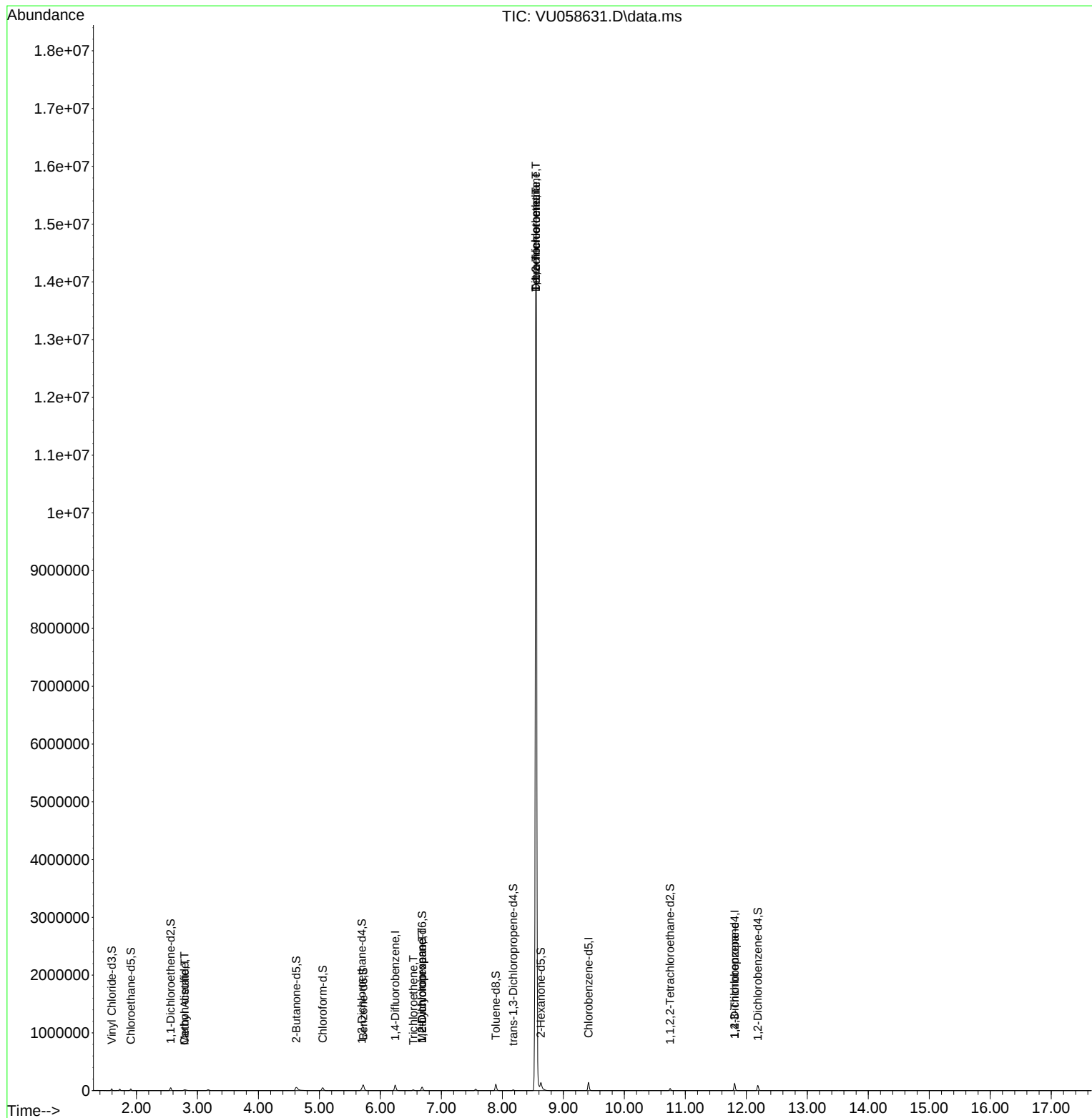
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72913	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	74078	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31544	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20414	4.229	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	84.600%		
7) Chloroethane-d5	1.907	69	19353	4.613	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	92.200%		
11) 1,1-Dichloroethene-d2	2.560	65	10014	4.583	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	91.600%		
20) 2-Butanone-d5	4.621	46	49618	48.774	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	97.540%		
24) Chloroform-d	5.052	84	45384	4.710	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.200%		
26) 1,2-Dichloroethane-d4	5.695	65	22404	4.982	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	99.600%		
32) Benzene-d6	5.718	84	88561	4.441	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	88.800%		
36) 1,2-Dichloropropane-d6	6.682	67	29428	4.705	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	94.200%		
41) Toluene-d8	7.891	98	72517	4.100	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	82.000%		
43) trans-1,3-Dichloroprop...	8.177	79	7970	4.105	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	82.200%		
46) 2-Hexanone-d5	8.631	63	39328	49.113	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	98.220%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18776	4.252	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	85.000%		
66) 1,2-Dichlorobenzene-d4	12.187	152	23004	4.330	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	86.600%		
Target Compounds						Qvalue
14) Carbon disulfide	2.785	76	1719	0.105	ug/L	99
15) Methyl Acetate	2.792	43	7529	3.675	ug/L #	55
34) Trichloroethene	6.541	95	5097	0.753	ug/L	93
35) Methylcyclohexane	6.682	83	6029	0.591	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3181	0.450	ug/L #	90
45) 1,1,2-Trichloroethane	8.550	97	30309	7.345	ug/L #	1
47) Tetrachloroethene	8.550	164	2936853	591.858	ug/L	94
49) Dibromochloromethane	8.550	129	3034116	636.020	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	4594	1.427	ug/L #	69

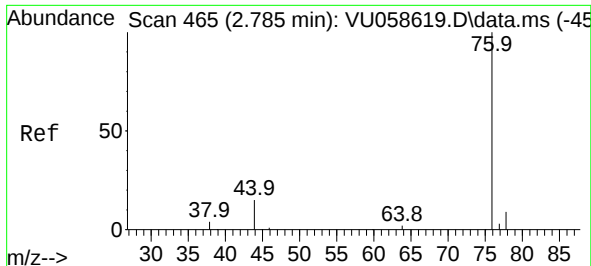
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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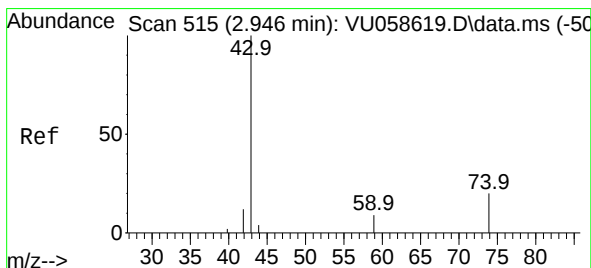
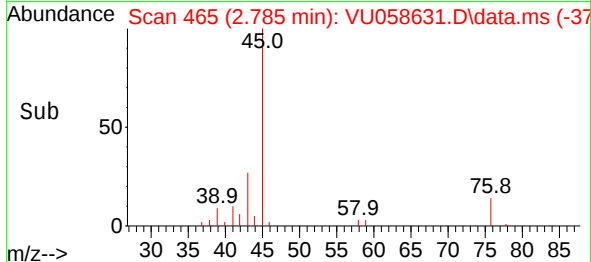
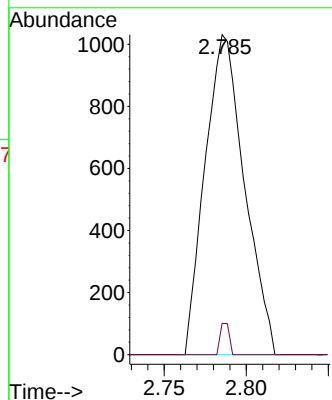
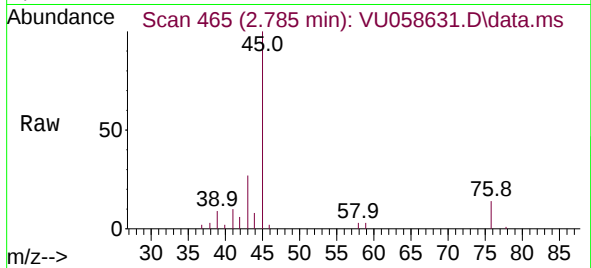




#14
Carbon disulfide
Concen: 0.105 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.000 min
Lab File: VU058631.D
Acq: 12 Apr 2024 00:40

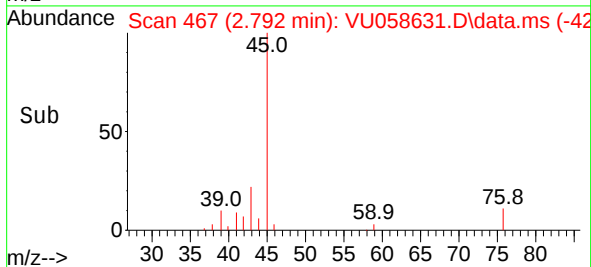
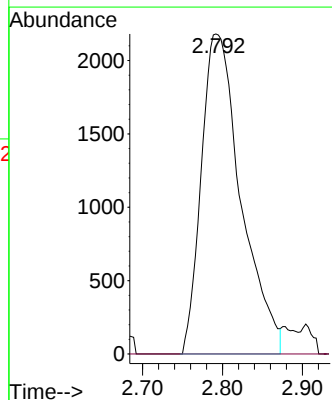
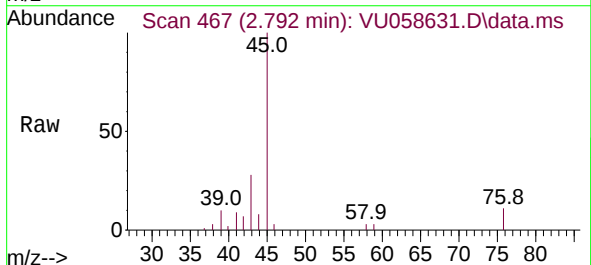
Instrument :
MSVOA_U
ClientSampleId :

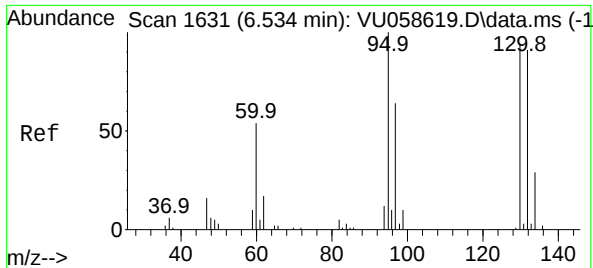
Tgt Ion: 76 Resp: 1719
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3



#15
Methyl Acetate
Concen: 3.675 ug/L
RT: 2.792 min Scan# 467
Delta R.T. -0.154 min
Lab File: VU058631.D
Acq: 12 Apr 2024 00:40

Tgt Ion: 43 Resp: 7529
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#

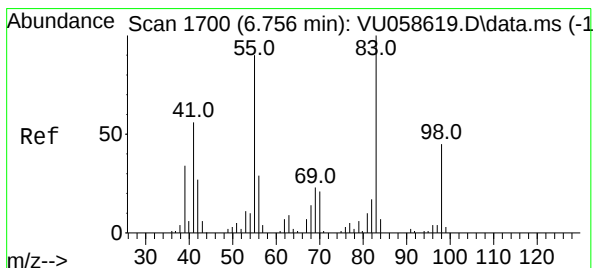
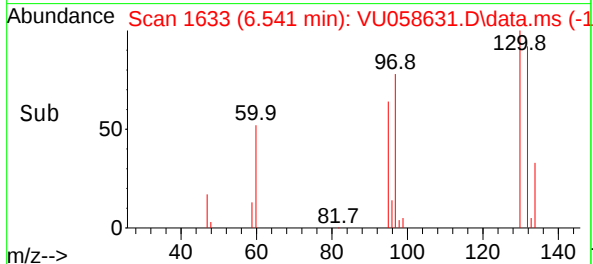
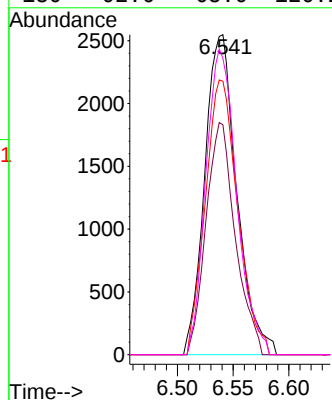
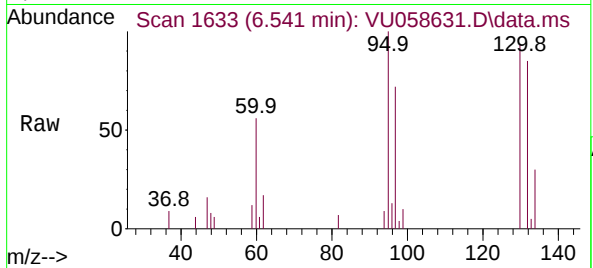




#34
Trichloroethene
Concen: 0.753 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VU058631.D
Acq: 12 Apr 2024 00:40

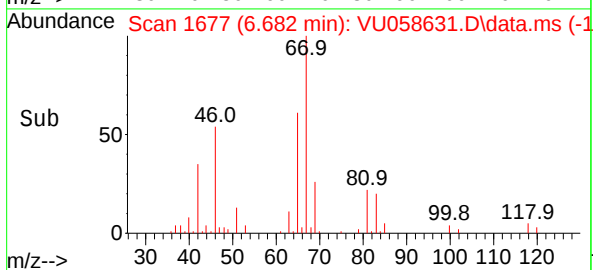
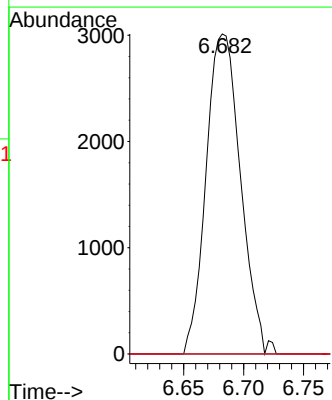
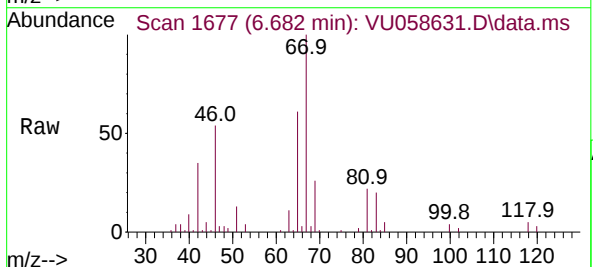
Instrument :
MSVOA_U
ClientSampleId :

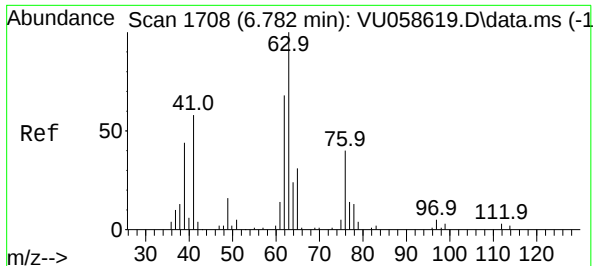
Tgt Ion: 95 Resp: 5097
Ion Ratio Lower Upper
95 100
97 71.9 45.6 84.6
132 85.4 64.8 120.3
130 92.6 68.0 126.2



#35
Methylcyclohexane
Concen: 0.591 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058631.D
Acq: 12 Apr 2024 00:40

Tgt Ion: 83 Resp: 6029
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 7.5 34.6 52.0#

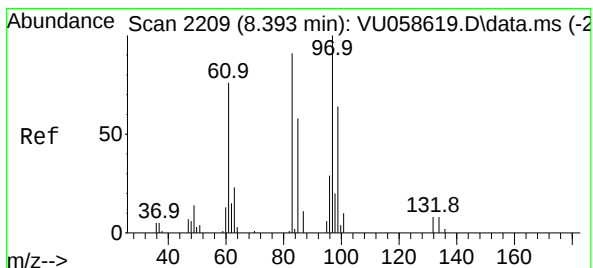
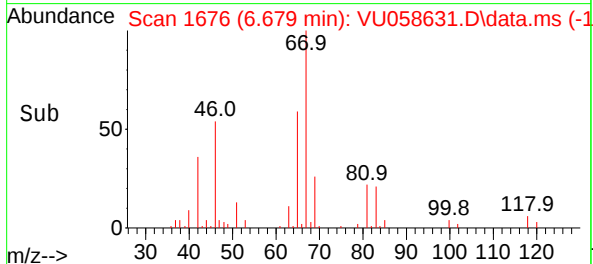
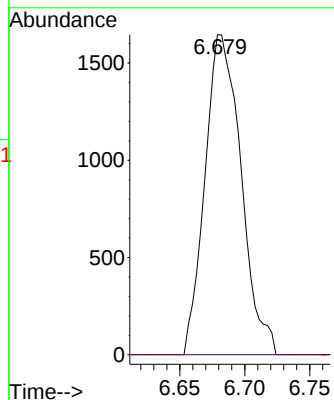
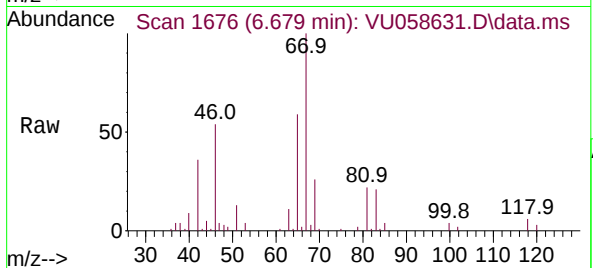




#37
1,2-Dichloropropane
Concen: 0.450 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058631.D
Acq: 12 Apr 2024 00:40

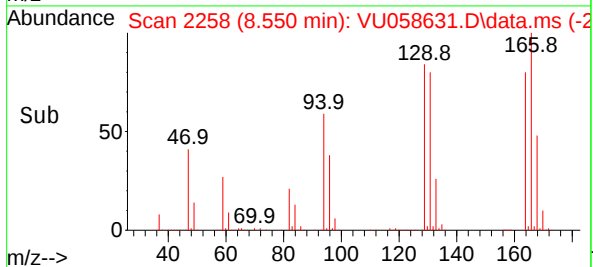
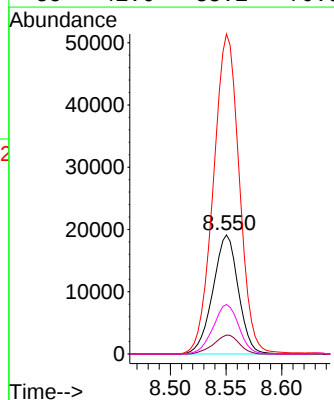
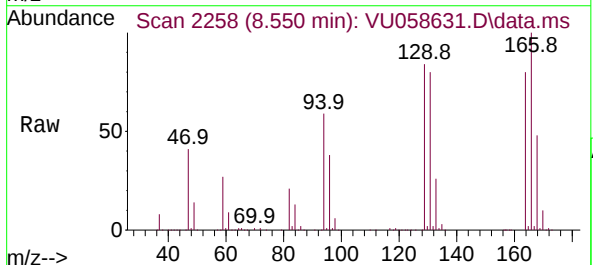
Instrument :
MSVOA_U
ClientSampleId :

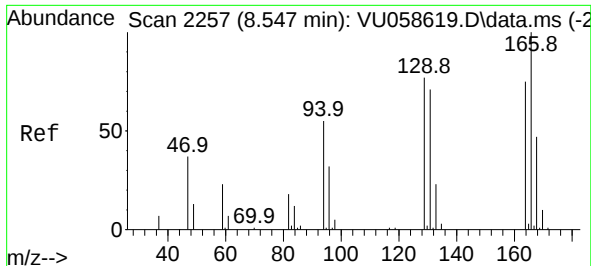
Tgt Ion: 63 Resp: 3181
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#45
1,1,2-Trichloroethane
Concen: 7.345 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.157 min
Lab File: VU058631.D
Acq: 12 Apr 2024 00:40

Tgt Ion: 97 Resp: 30309
Ion Ratio Lower Upper
97 100
99 15.8 43.7 81.1#
83 268.8 64.5 119.7#
85 41.6 38.1 70.9





#47

Tetrachloroethene

Concen: 591.858 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU058631.D

Acq: 12 Apr 2024 00:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 2936853

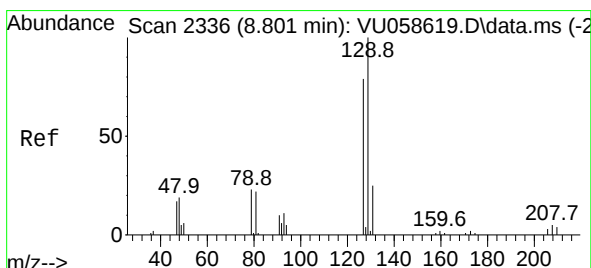
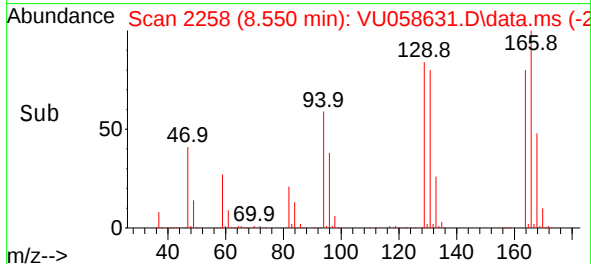
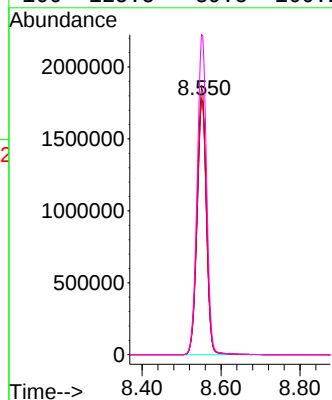
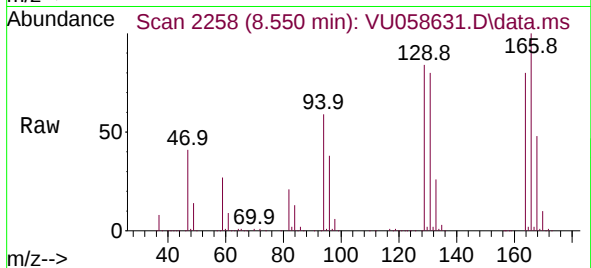
Ion Ratio Lower Upper

164 100

129 104.9 67.3 125.1

131 100.6 65.5 121.6

166 125.5 89.5 166.1



#49

Dibromochloromethane

Concen: 636.020 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.251 min

Lab File: VU058631.D

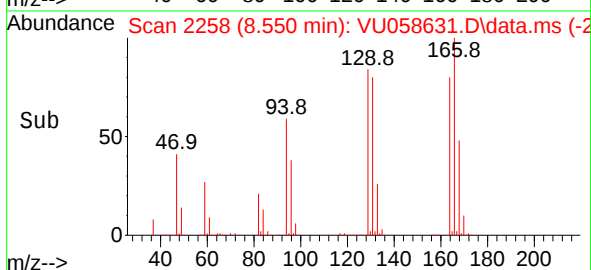
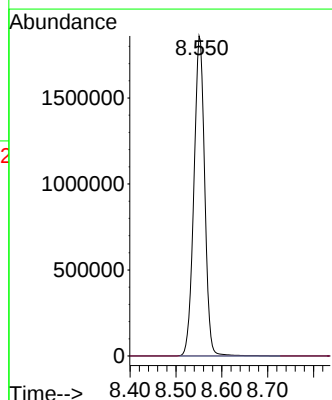
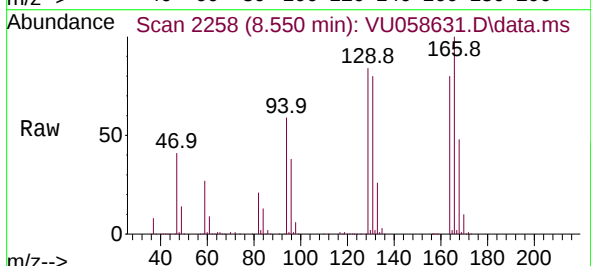
Acq: 12 Apr 2024 00:40

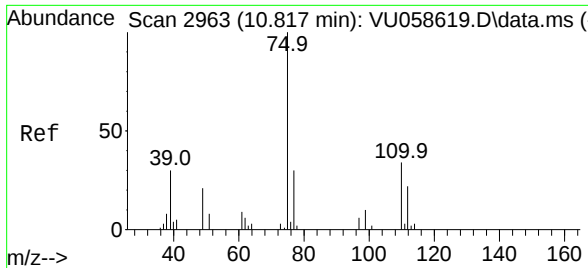
Tgt Ion:129 Resp: 3034116

Ion Ratio Lower Upper

129 100

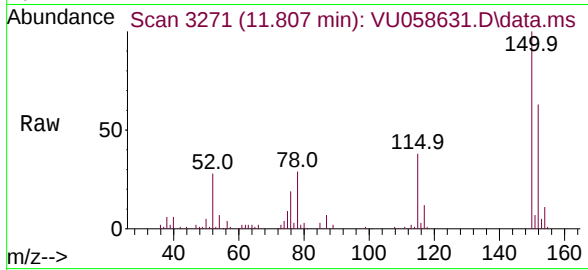
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.427 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU058631.D
 Acq: 12 Apr 2024 00:40

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	4594
Ion Ratio	Lower	Upper
75	100	
110	0.0	25.8 38.6#
77	33.4	25.1 37.7

