

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058459.D
 Acq On : 08 Apr 2024 11:26
 Operator : MD/SY
 Sample : P2012-01 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 04:23:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 04:22:28 2024
 Response via : Initial Calibration

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

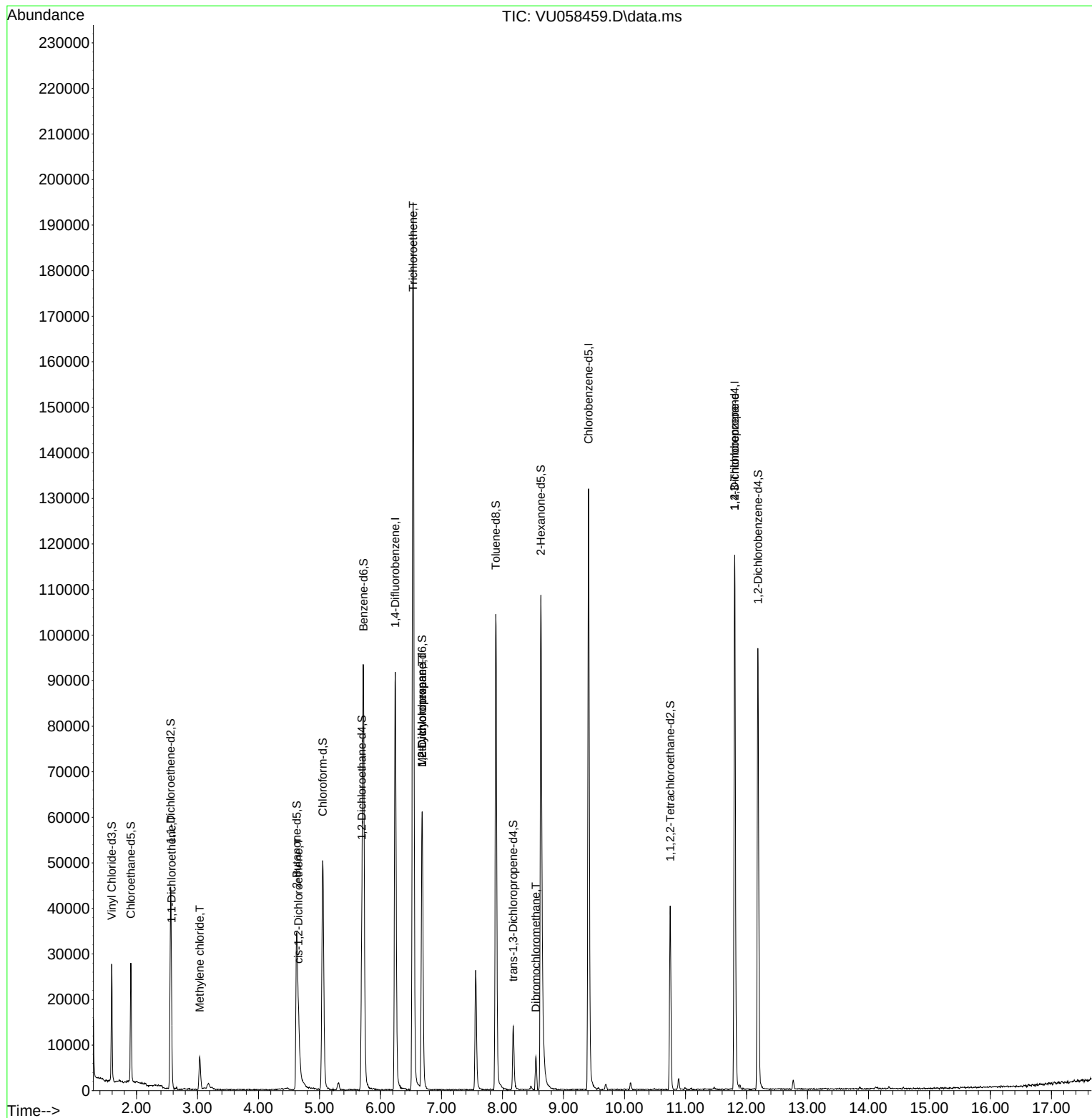
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72941	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	71356	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17198	3.561	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	71.200%		
7) Chloroethane-d5	1.907	69	17874	4.259	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	85.200%		
11) 1,1-Dichloroethene-d2	2.560	65	8448	3.865	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	77.400%		
20) 2-Butanone-d5	4.628	46	58001	56.993	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	113.980%		
24) Chloroform-d	5.052	84	47433	4.920	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.400%		
26) 1,2-Dichloroethane-d4	5.695	65	23505	5.225	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	104.400%		
32) Benzene-d6	5.721	84	86176	4.486	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	89.800%		
36) 1,2-Dichloropropane-d6	6.682	67	29854	4.955	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	99.200%		
41) Toluene-d8	7.891	98	71000	4.167	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	83.400%		
43) trans-1,3-Dichloroprop...	8.177	79	8754	4.681	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	93.600%		
46) 2-Hexanone-d5	8.627	63	39042	50.616	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	101.240%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20786	4.887	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	97.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	25016	4.831	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	96.600%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	1506	0.291	ug/L #	1
16) Methylene chloride	3.036	84	3015	0.439	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	2379	0.391	ug/L	95
34) Trichloroethene	6.534	95	67559	10.362	ug/L	98
35) Methylcyclohexane	6.682	83	6381	0.650	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3389	0.498	ug/L #	90
49) Dibromochloromethane	8.547	129	1630	0.355	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	4539	1.447	ug/L #	68

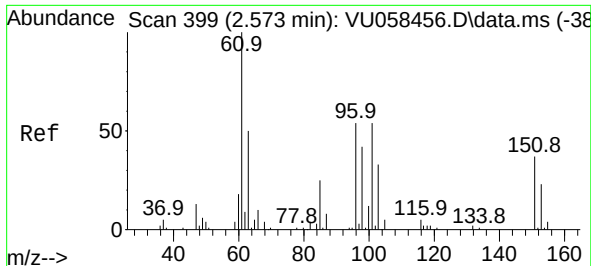
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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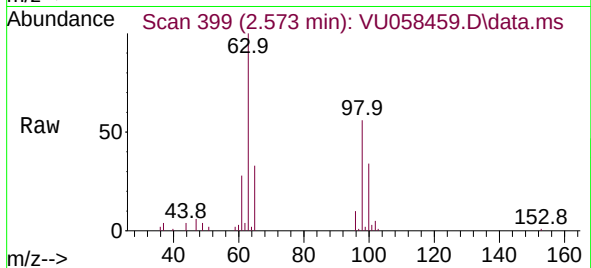
Quant Time: Apr 09 04:23:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
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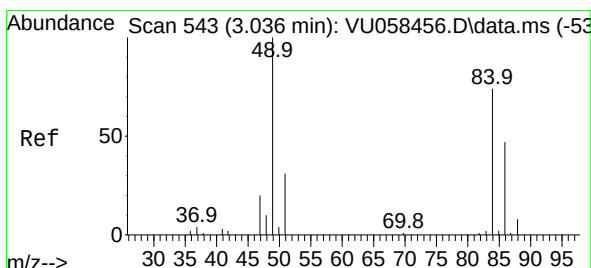
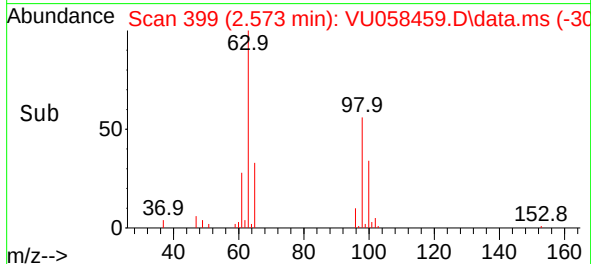
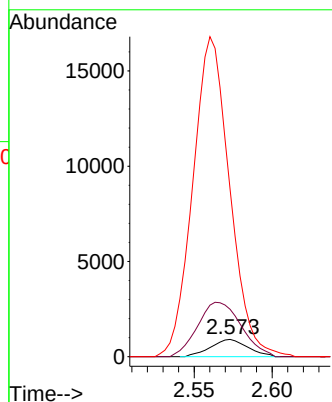


#12
1,1-Dichloroethene
Concen: 0.291 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058459.D
Acq: 08 Apr 2024 11:26

Instrument :
MSVOA_U
ClientSampleId :

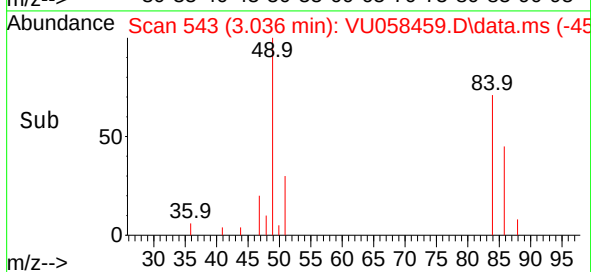
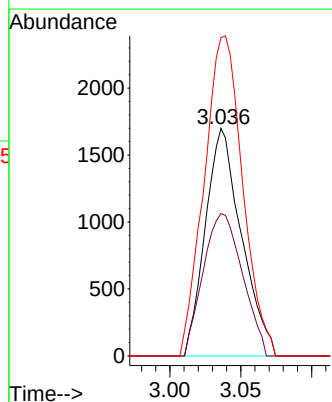
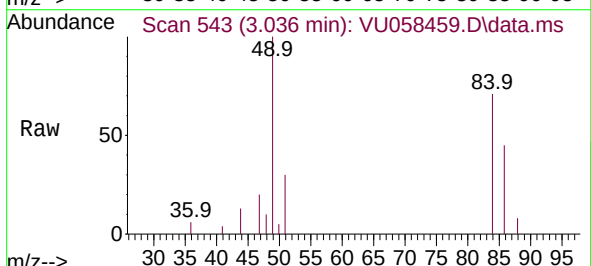


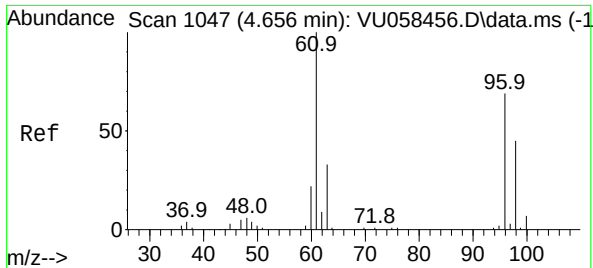
Tgt Ion: 96 Resp: 1506
Ion Ratio Lower Upper
96 100
61 273.0 132.5 246.1#
63 962.3 87.7 162.9#



#16
Methylene chloride
Concen: 0.439 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU058459.D
Acq: 08 Apr 2024 11:26

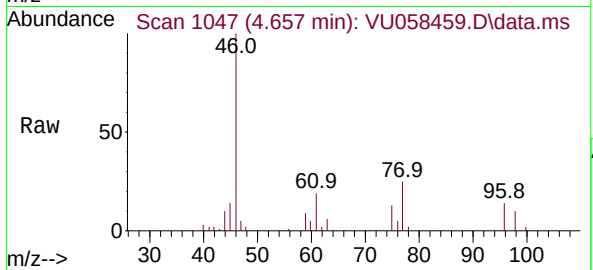
Tgt Ion: 84 Resp: 3015
Ion Ratio Lower Upper
84 100
86 62.6 44.3 82.3
49 140.0 96.0 178.2





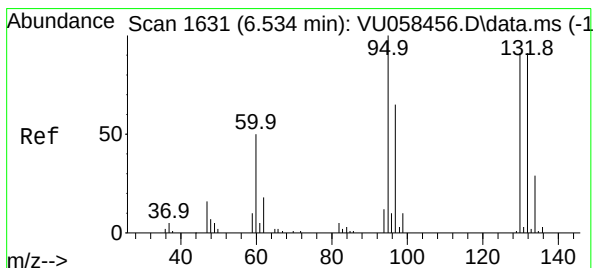
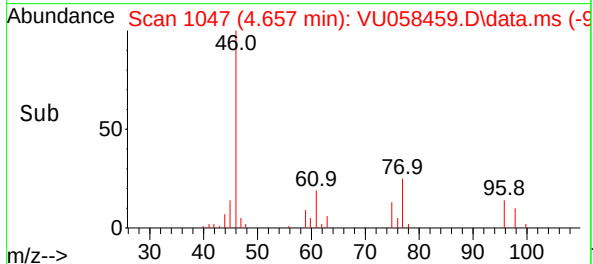
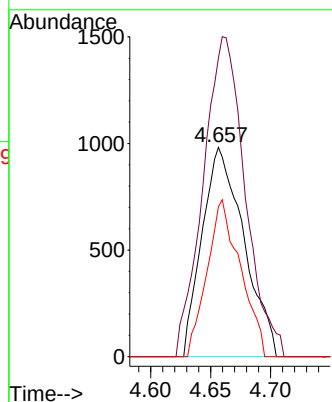
#22
 cis-1,2-Dichloroethene
 Concen: 0.391 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058459.D
 Acq: 08 Apr 2024 11:26

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 2379

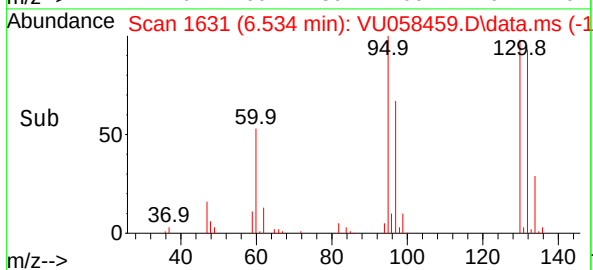
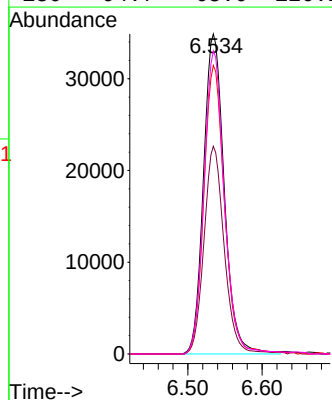
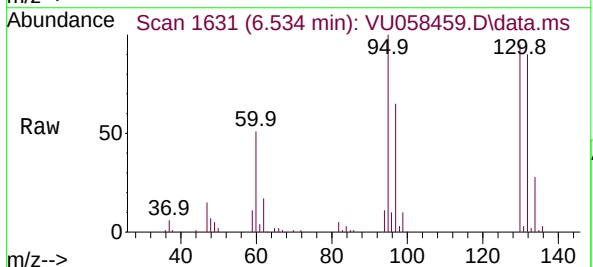
Ion	Ratio	Lower	Upper
96	100		
61	142.7	98.1	182.3
98	71.6	43.6	81.0

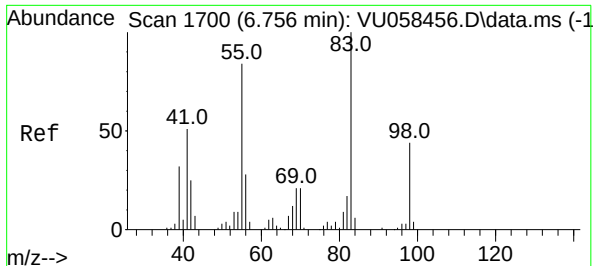


#34
 Trichloroethene
 Concen: 10.362 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU058459.D
 Acq: 08 Apr 2024 11:26

Tgt Ion: 95 Resp: 67559

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.6	84.6
132	90.1	64.8	120.3
130	94.7	68.0	126.2

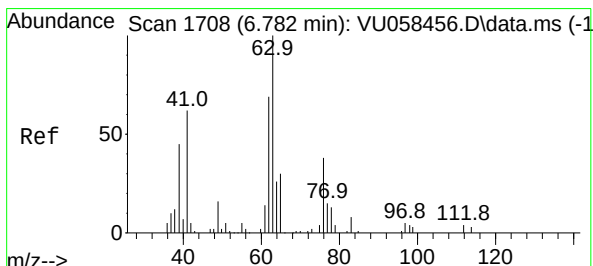
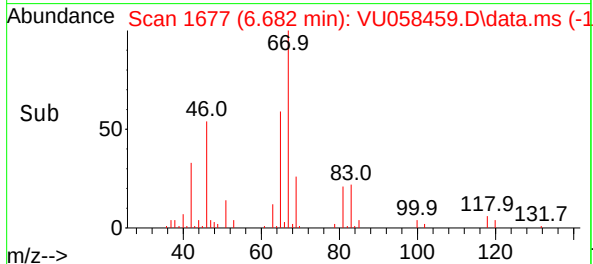
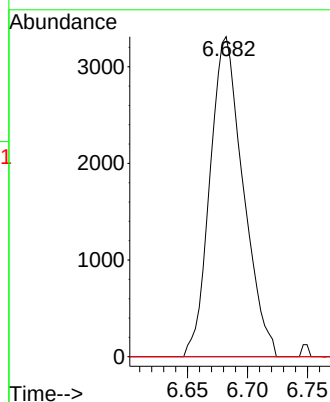
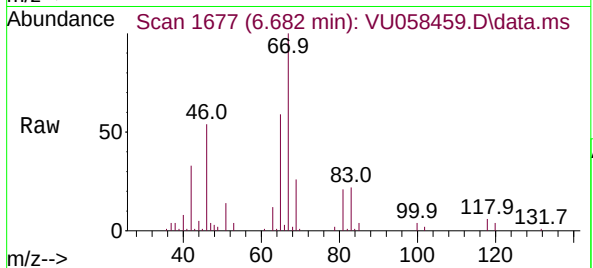




#35
Methylcyclohexane
Concen: 0.650 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058459.D
Acq: 08 Apr 2024 11:26

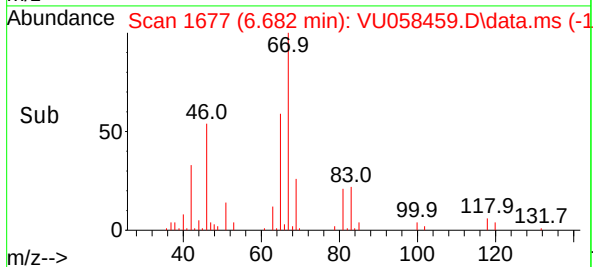
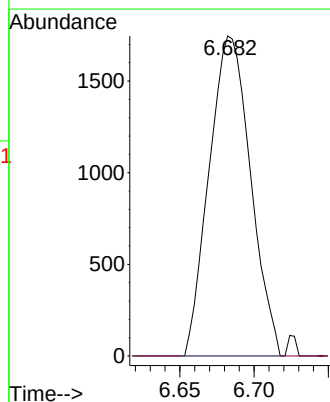
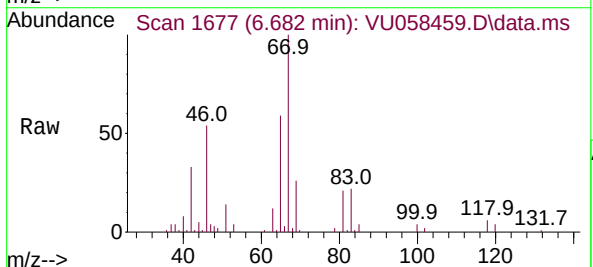
Instrument :
MSVOA_U
ClientSampleId :

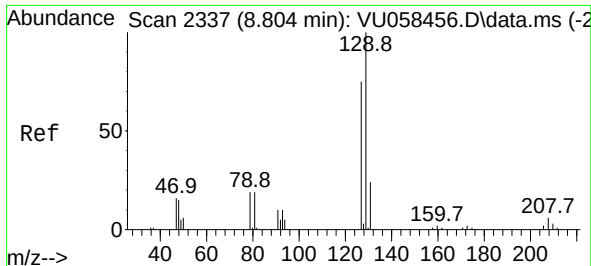
Tgt Ion: 83 Resp: 6381
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#



#37
1,2-Dichloropropane
Concen: 0.498 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.099 min
Lab File: VU058459.D
Acq: 08 Apr 2024 11:26

Tgt Ion: 63 Resp: 3389
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#





#49

Dibromochloromethane

Concen: 0.355 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min MSVOA_U

Lab File: VU058459.D

Acq: 08 Apr 2024 11:26

Instrument :

MSVOA_U

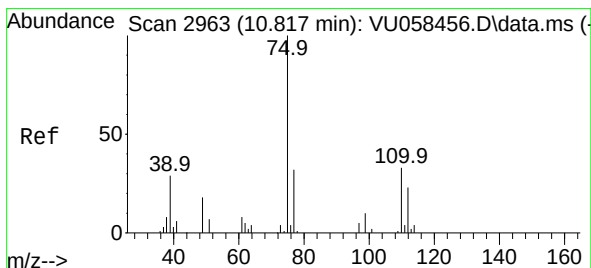
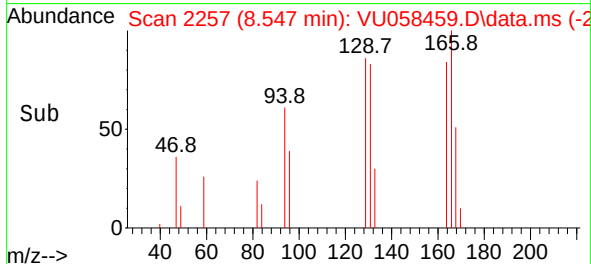
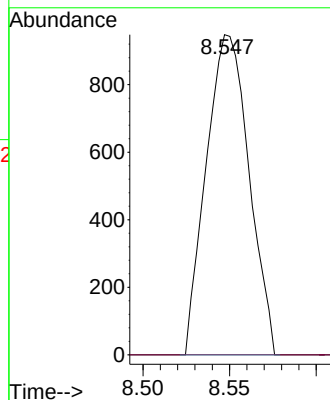
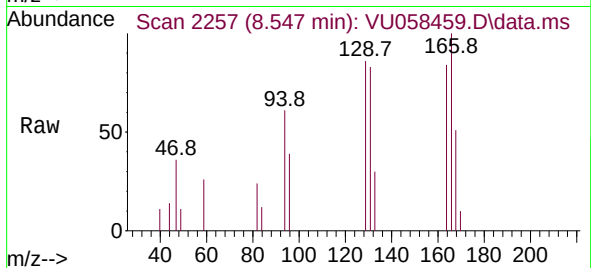
ClientSampleId :

Tgt Ion:129 Resp: 1630

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.447 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058459.D

Acq: 08 Apr 2024 11:26

Tgt Ion: 75 Resp: 4539

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 28.6 25.1 37.7

