

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040124\
 Data File : VU058304.D
 Acq On : 01 Apr 2024 11:34
 Operator : MD/SY
 Sample : P1929-02DL 25X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 02 02:25:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 02 02:24:47 2024
 Response via : Initial Calibration

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

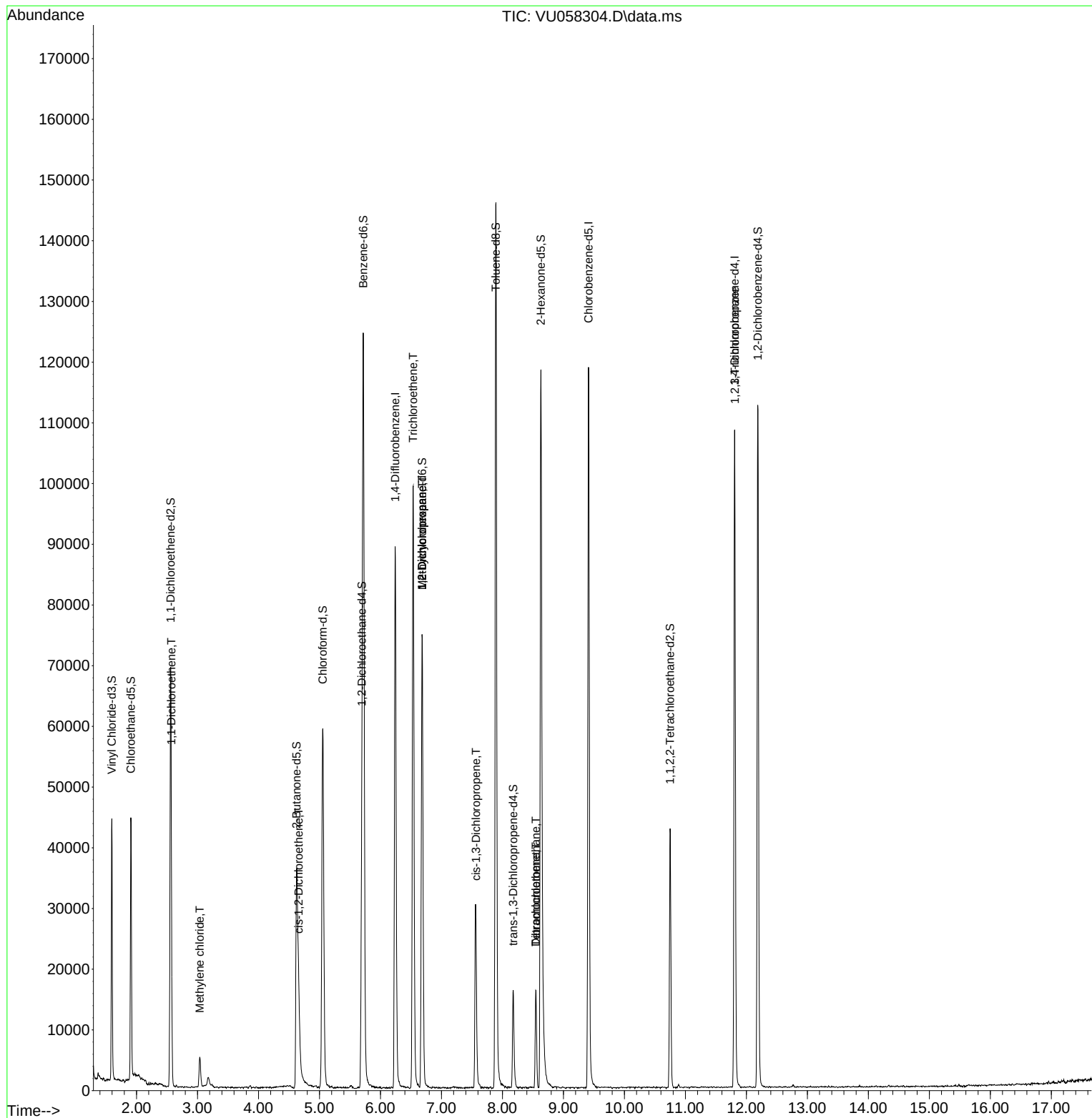
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	71710	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66655	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28518	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30289	4.998	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.907	69	29713	6.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.200%
11) 1,1-Dichloroethene-d2	2.560	65	13101	5.207	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.200%
20) 2-Butanone-d5	4.624	46	60374	56.079	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.160%
24) Chloroform-d	5.055	84	57136	5.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.695	65	28072	5.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	5.718	84	119111	5.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.000%
36) 1,2-Dichloropropane-d6	6.682	67	37360	5.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.200%
41) Toluene-d8	7.891	98	99220	5.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.177	79	10204	4.991	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.631	63	43065	52.014	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.020%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22039	5.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	29383	5.533	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	922	0.256	ug/L #	1
16) Methylene chloride	3.036	84	2384	0.468	ug/L	89
22) cis-1,2-Dichloroethene	4.660	96	3488	0.751	ug/L	93
34) Trichloroethene	6.534	95	35116	7.699	ug/L	97
35) Methylcyclohexane	6.682	83	8147	1.281	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3803	0.778	ug/L #	90
39) cis-1,3-Dichloropropene	7.566	75	768	0.124	ug/L #	80
47) Tetrachloroethene	8.550	164	3596	1.177	ug/L	90
49) Dibromochloromethane	8.550	129	3396	1.008	ug/L #	10
61) 1,2,3-Trichloropropane	11.811	75	3969	1.662	ug/L #	67

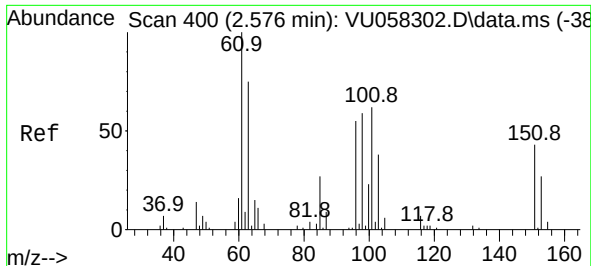
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 02 02:24:47 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.256 ug/L

RT: 2.570 min Scan# 30

Delta R.T. -0.006 min

Lab File: VU058304.D

Acq: 01 Apr 2024 11:34

Instrument :

MSVOA_U

ClientSampleId :

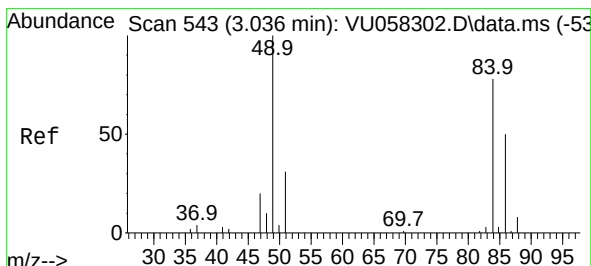
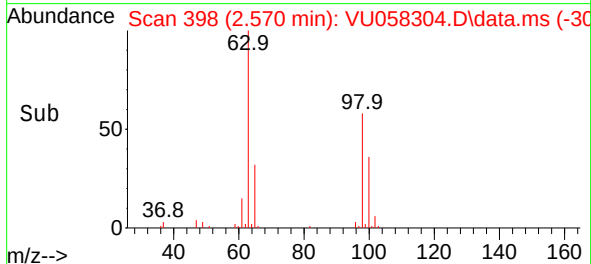
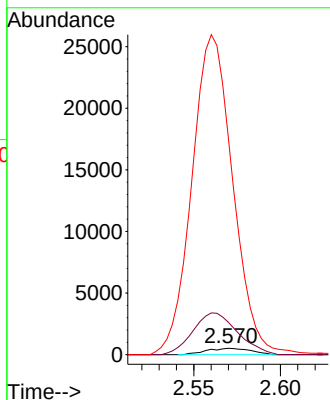
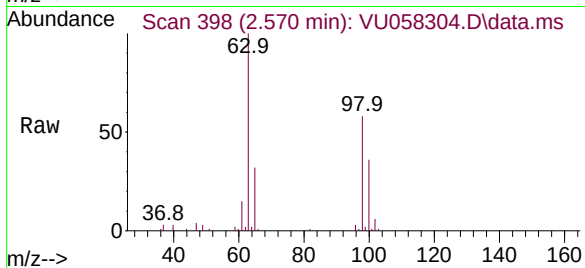
Tgt Ion: 96 Resp: 922

Ion Ratio Lower Upper

96 100

61 509.4 128.1 237.9#

63 3429.7 116.8 217.0#



#16

Methylene chloride

Concen: 0.468 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU058304.D

Acq: 01 Apr 2024 11:34

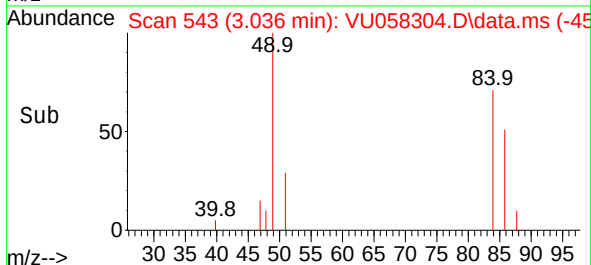
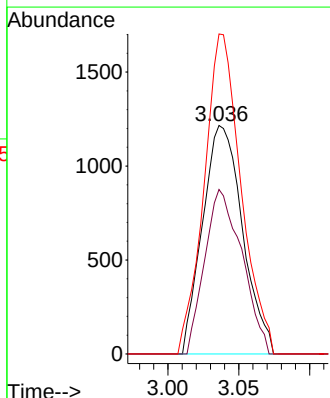
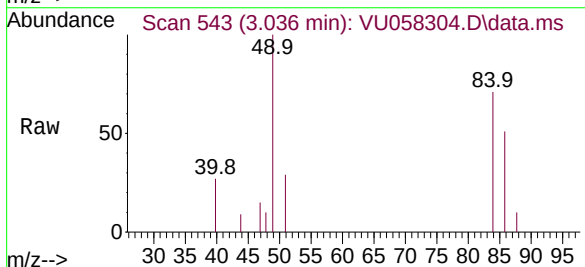
Tgt Ion: 84 Resp: 2384

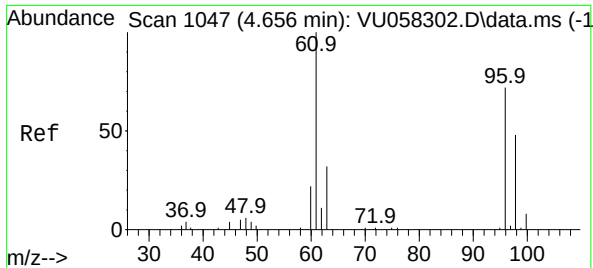
Ion Ratio Lower Upper

84 100

86 72.0 45.6 84.6

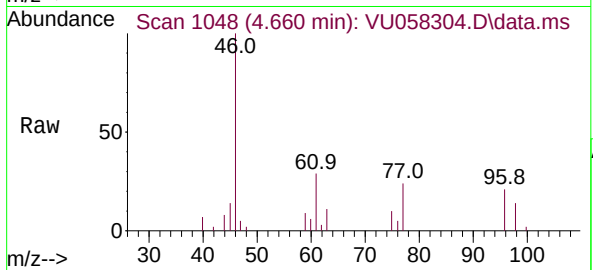
49 140.0 88.3 163.9



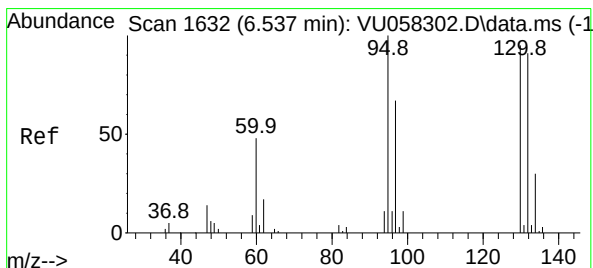
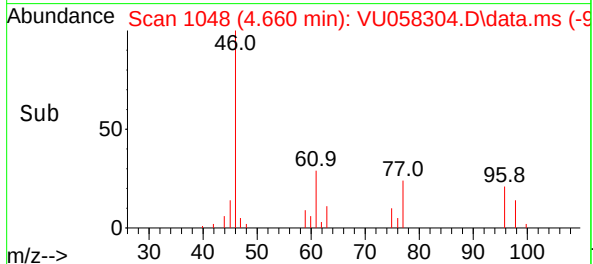
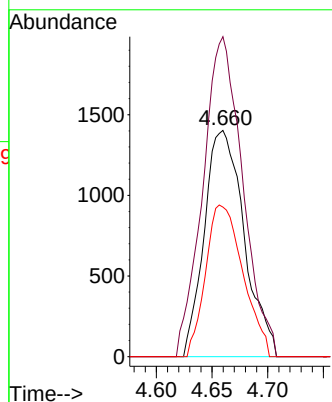


#22
cis-1,2-Dichloroethene
Concen: 0.751 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU058304.D
Acq: 01 Apr 2024 11:34

Instrument :
MSVOA_U
ClientSampleId :

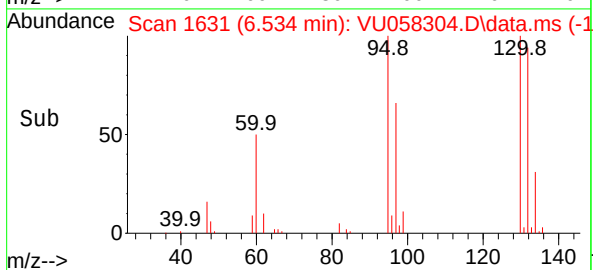
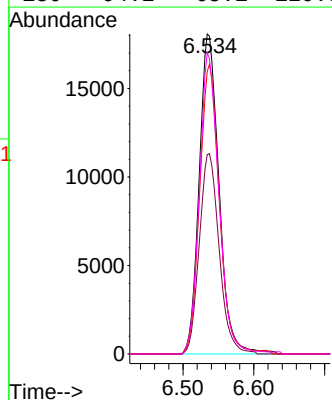
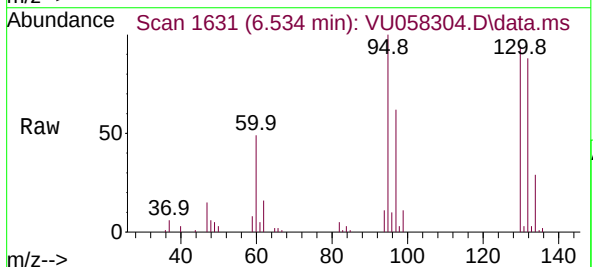


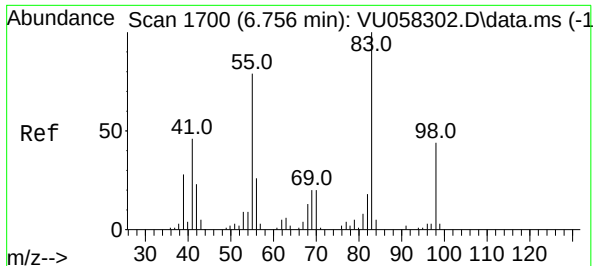
Tgt Ion: 96 Resp: 3488
Ion Ratio Lower Upper
96 100
61 141.4 92.8 172.4
98 66.1 43.2 80.2



#34
Trichloroethene
Concen: 7.699 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU058304.D
Acq: 01 Apr 2024 11:34

Tgt Ion: 95 Resp: 35116
Ion Ratio Lower Upper
95 100
97 62.3 47.7 88.7
132 88.4 63.6 118.2
130 94.2 65.1 120.9





#35

Methylcyclohexane

Concen: 1.281 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058304.D

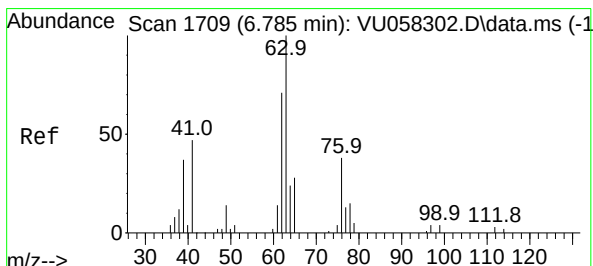
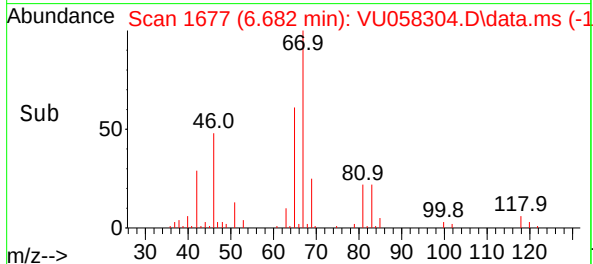
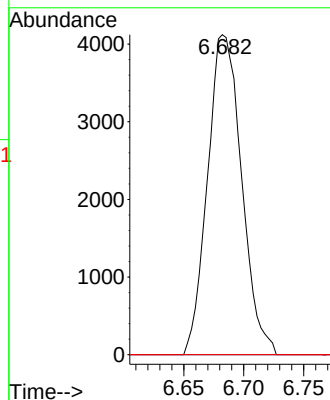
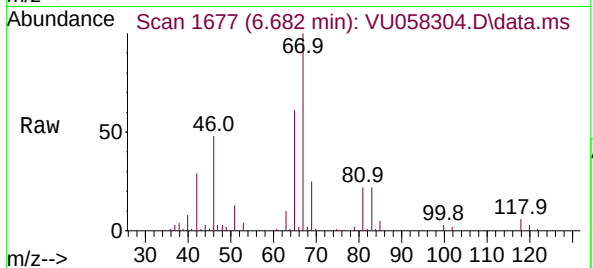
Acq: 01 Apr 2024 11:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	8147
Ion Ratio	Lower	Upper	
83	100		
55	0.0	62.7	94.1#
98	0.0	37.3	55.9#



#37

1,2-Dichloropropane

Concen: 0.778 ug/L

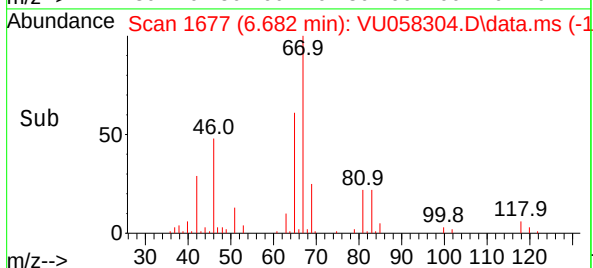
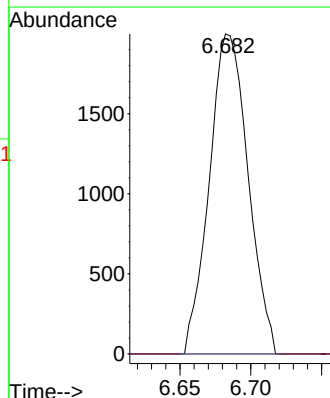
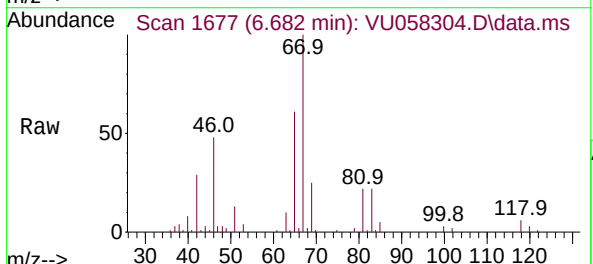
RT: 6.682 min Scan# 1677

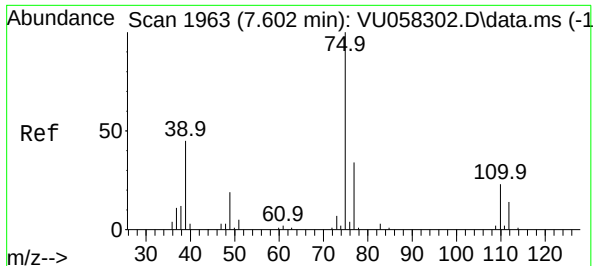
Delta R.T. -0.103 min

Lab File: VU058304.D

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Tgt Ion:	63	Resp:	3803
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.7	4.1#

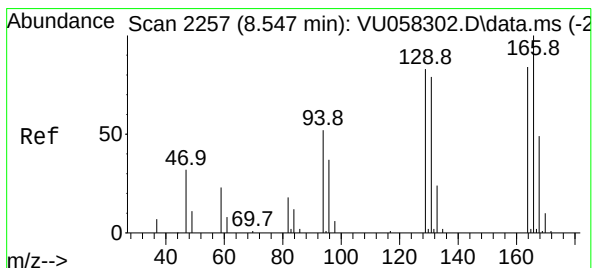
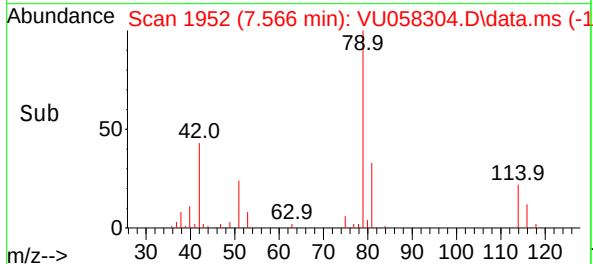
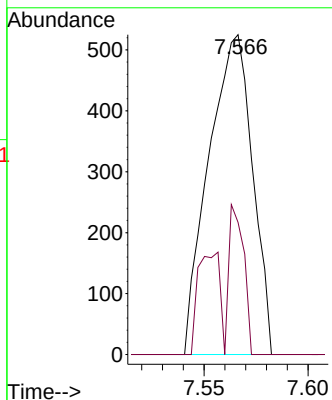
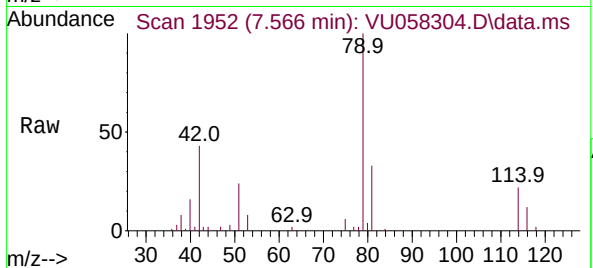




#39
 cis-1,3-Dichloropropene
 Concen: 0.124 ug/L
 RT: 7.566 min Scan# 1952
 Delta R.T. -0.035 min
 Lab File: VU058304.D
 Acq: 01 Apr 2024 11:34

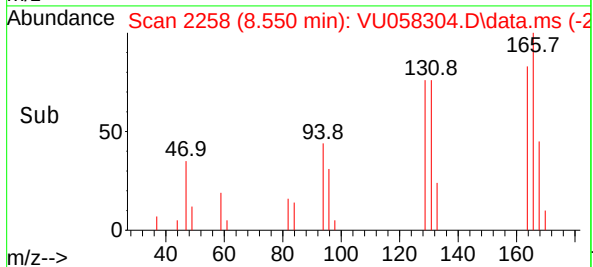
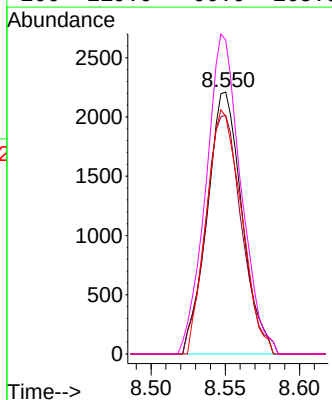
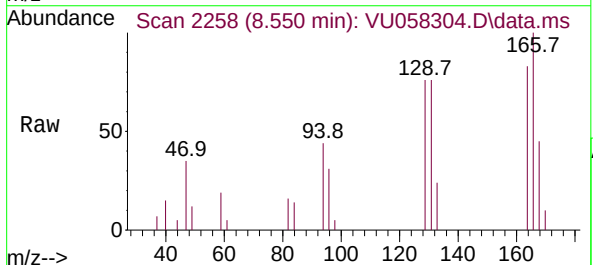
Instrument :
 MSVOA_U
 ClientSampleId :

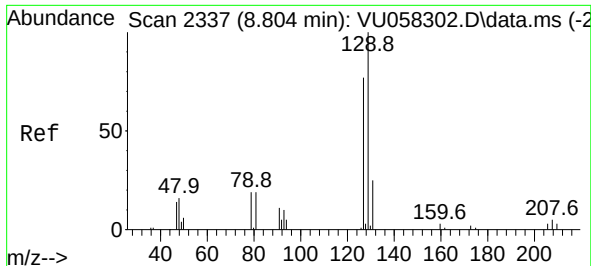
Tgt Ion: 75 Resp: 768
 Ion Ratio Lower Upper
 75 100
 77 41.3 21.4 39.8#



#47
 Tetrachloroethene
 Concen: 1.177 ug/L
 RT: 8.550 min Scan# 2258
 Delta R.T. 0.003 min
 Lab File: VU058304.D
 Acq: 01 Apr 2024 11:34

Tgt Ion: 164 Resp: 3596
 Ion Ratio Lower Upper
 164 100
 129 91.1 71.3 132.3
 131 90.7 70.8 131.4
 166 119.9 90.9 168.9





#49

Dibromochloromethane

Concen: 1.008 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU058304.D

Acq: 01 Apr 2024 11:34

Instrument :

MSVOA_U

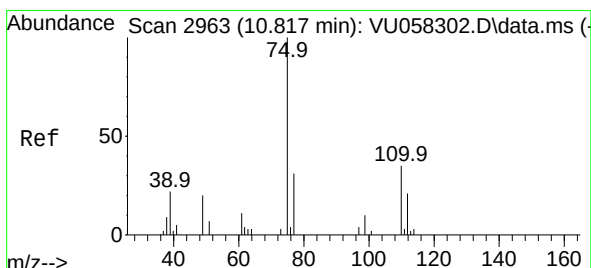
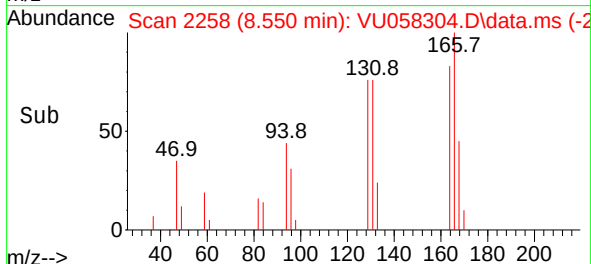
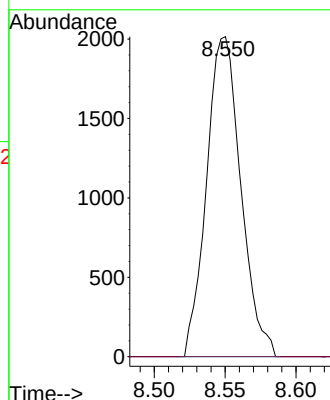
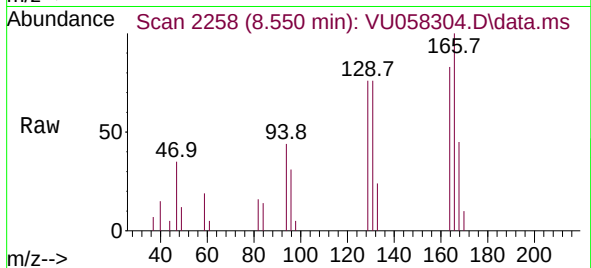
ClientSampleId :

Tgt Ion:129 Resp: 3396

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.662 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.994 min

Lab File: VU058304.D

Acq: 01 Apr 2024 11:34

Tgt Ion: 75 Resp: 3969

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 30.1 25.1 37.7

