

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058507.D
 Acq On : 09 Apr 2024 12:12
 Operator : MD/SY
 Sample : P2013-04 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 01:13:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 01:12:33 2024
 Response via : Initial Calibration

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

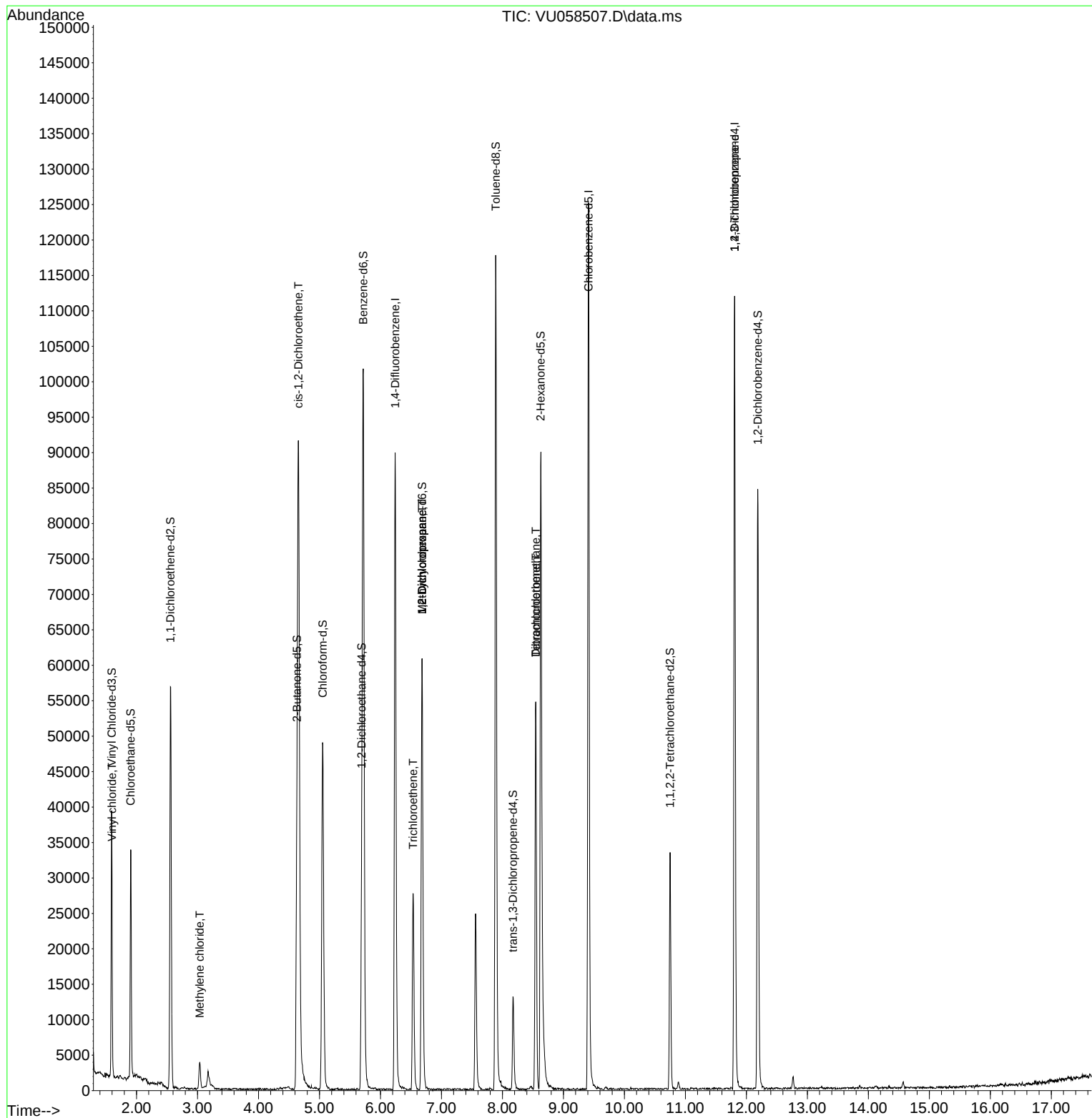
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	70069	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28989	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24872	5.362	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.200%
7) Chloroethane-d5	1.904	69	21626	5.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.557	65	11201	5.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.600%
20) 2-Butanone-d5	4.631	46	43296	44.287	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.580%
24) Chloroform-d	5.052	84	46172	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.692	65	22006	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.718	84	94449	5.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	6.682	67	29110	5.156	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.891	98	78590	4.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	8.174	79	8395	4.790	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.627	63	31144	43.088	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.180%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	17257	4.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	22080	4.522	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	1303	0.183	ug/L #	66
16) Methylene chloride	3.036	84	1784	0.271	ug/L	95
22) cis-1,2-Dichloroethene	4.657	96	39993	6.843	ug/L	96
34) Trichloroethene	6.534	95	9576	1.567	ug/L	96
35) Methylcyclohexane	6.682	83	6221	0.676	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3153	0.494	ug/L #	90
47) Tetrachloroethene	8.547	164	11462	2.559	ug/L	97
49) Dibromochloromethane	8.547	129	11351	2.636	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	3994	1.350	ug/L #	70

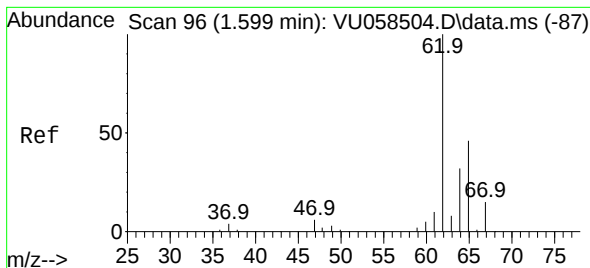
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.183 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU058507.D

Acq: 09 Apr 2024 12:12

Instrument :

MSVOA_U

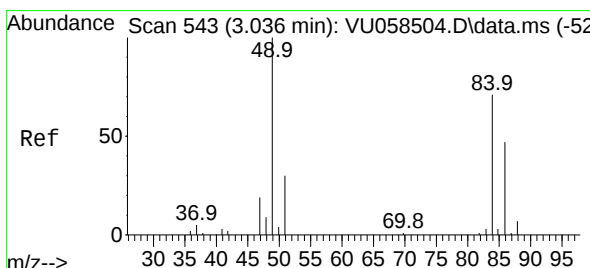
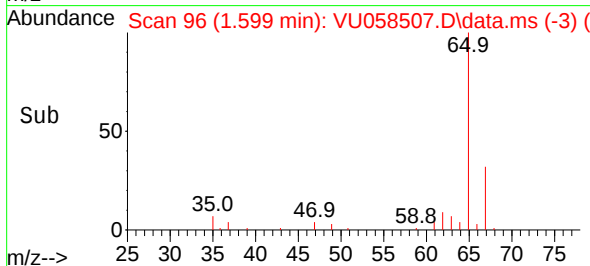
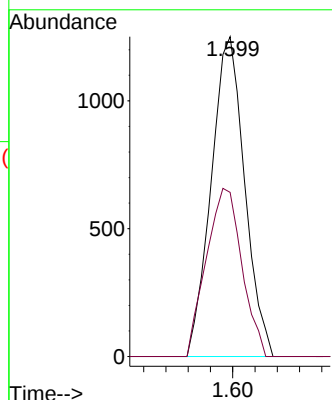
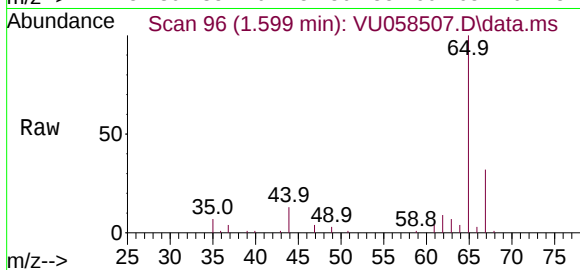
ClientSampleId :

Tgt Ion: 62 Resp: 1303

Ion Ratio Lower Upper

62 100

64 51.3 22.6 42.0#



#16

Methylene chloride

Concen: 0.271 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU058507.D

Acq: 09 Apr 2024 12:12

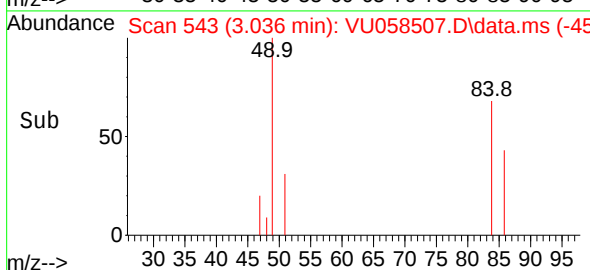
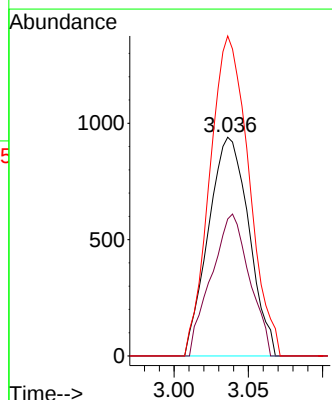
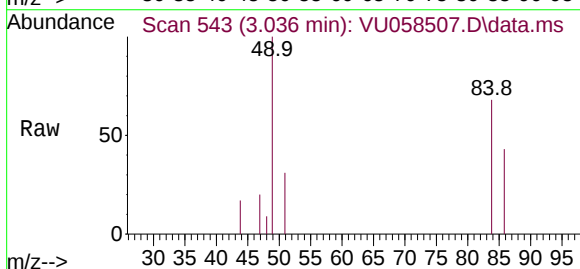
Tgt Ion: 84 Resp: 1784

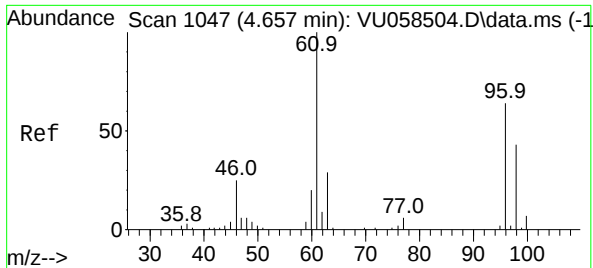
Ion Ratio Lower Upper

84 100

86 62.7 44.3 82.3

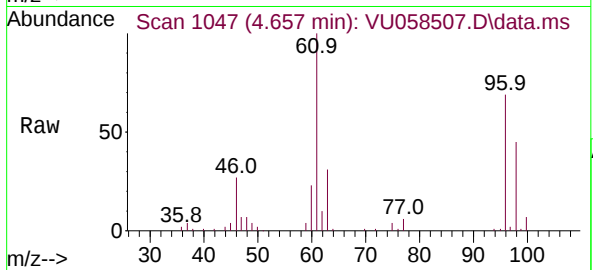
49 146.3 96.0 178.2





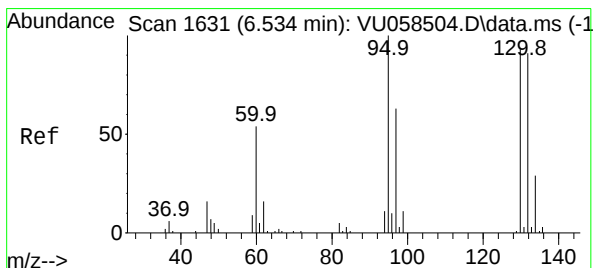
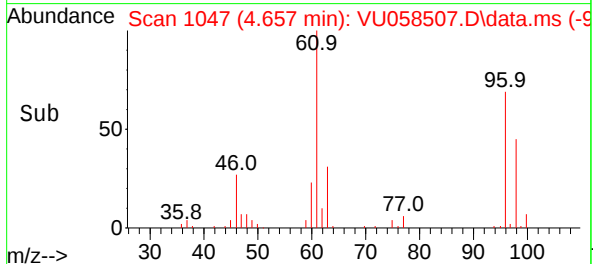
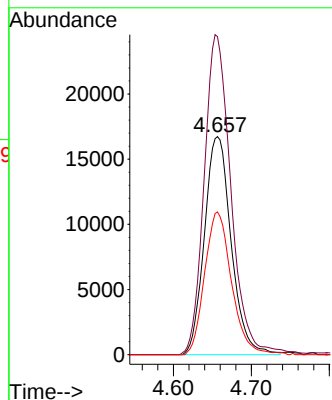
#22
 cis-1,2-Dichloroethene
 Concen: 6.843 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU058507.D
 Acq: 09 Apr 2024 12:12

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 39993

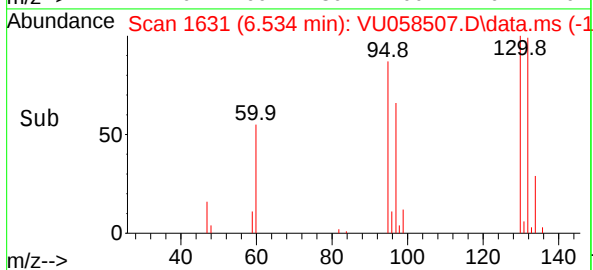
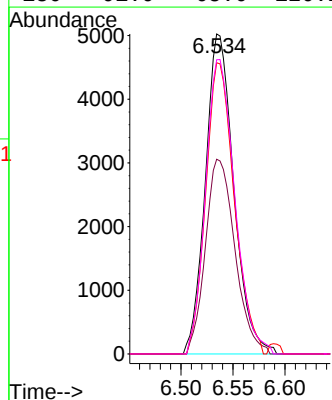
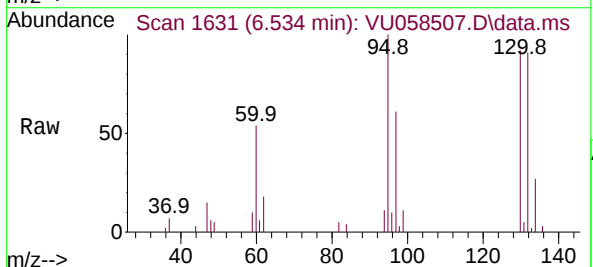
Ion	Ratio	Lower	Upper
96	100		
61	145.8	98.1	182.3
98	65.4	43.6	81.0

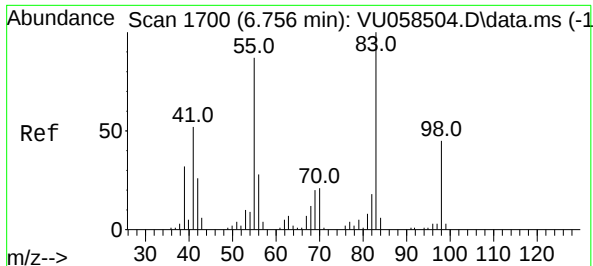


#34
 Trichloroethene
 Concen: 1.567 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. -0.000 min
 Lab File: VU058507.D
 Acq: 09 Apr 2024 12:12

Tgt Ion: 95 Resp: 9576

Ion	Ratio	Lower	Upper
95	100		
97	60.9	45.6	84.6
132	91.0	64.8	120.3
130	91.9	68.0	126.2





#35

Methylcyclohexane

Concen: 0.676 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058507.D

Acq: 09 Apr 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

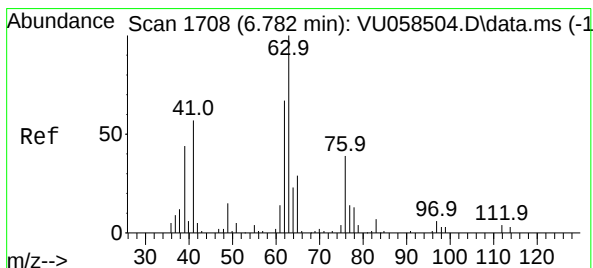
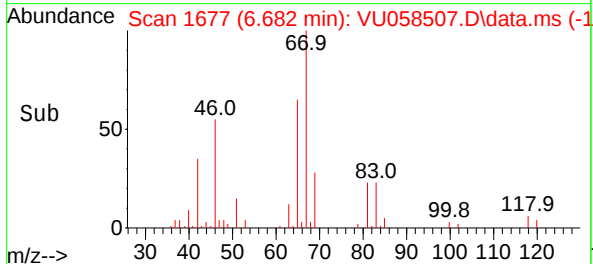
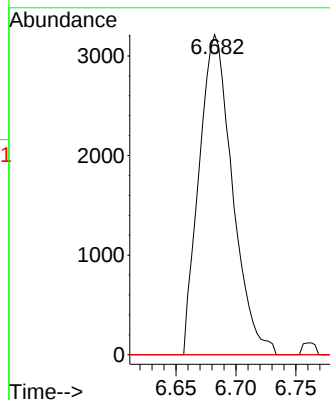
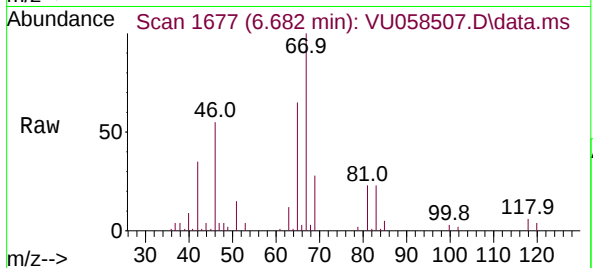
Tgt Ion: 83 Resp: 6221

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: 0.494 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058507.D

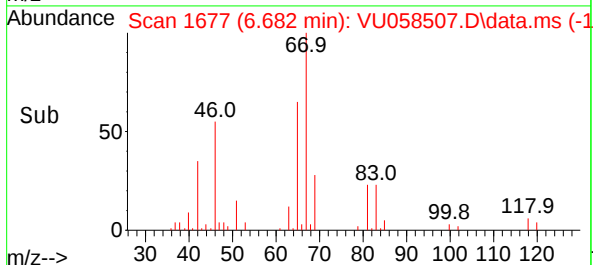
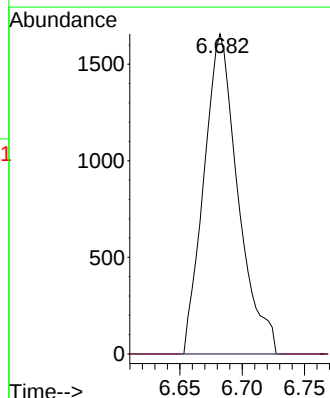
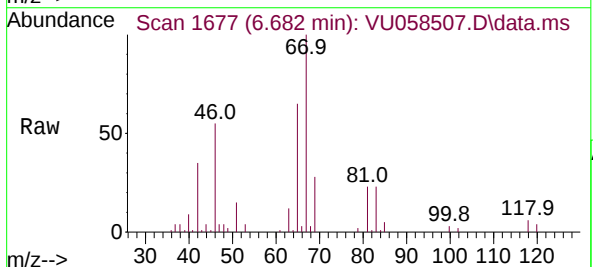
Acq: 09 Apr 2024 12:12

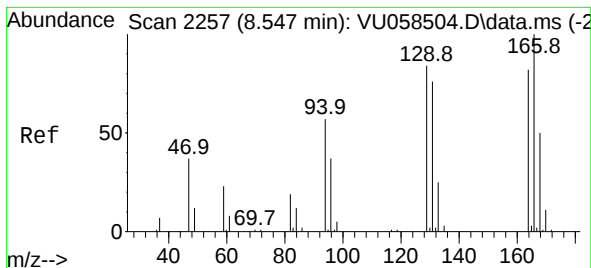
Tgt Ion: 63 Resp: 3153

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#47

Tetrachloroethene

Concen: 2.559 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU058507.D

Acq: 09 Apr 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 11462

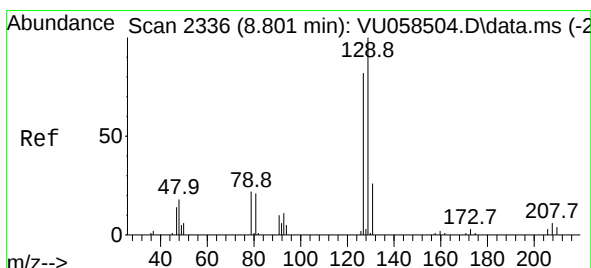
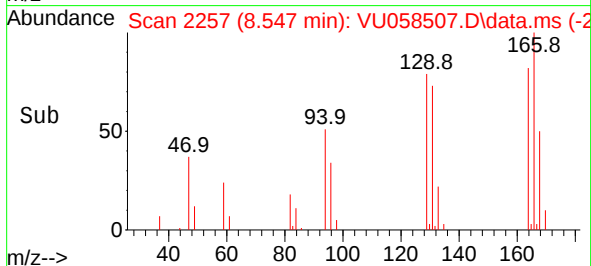
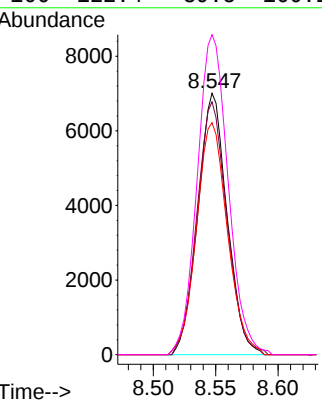
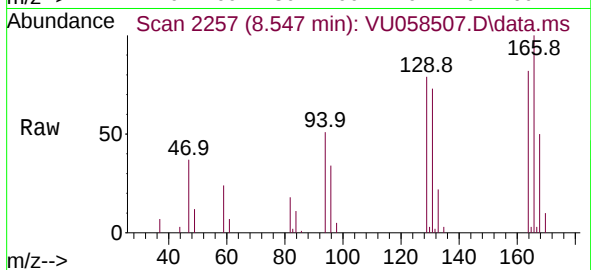
Ion Ratio Lower Upper

164 100

129 96.7 67.3 125.1

131 88.8 65.5 121.6

166 122.4 89.5 166.1



#49

Dibromochloromethane

Concen: 2.636 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU058507.D

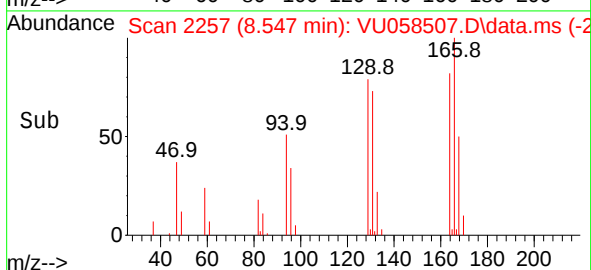
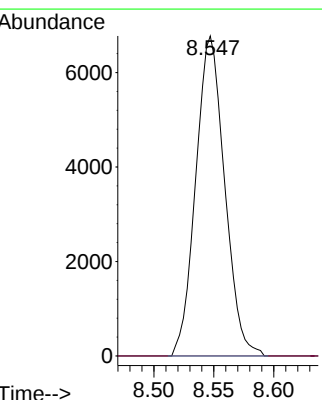
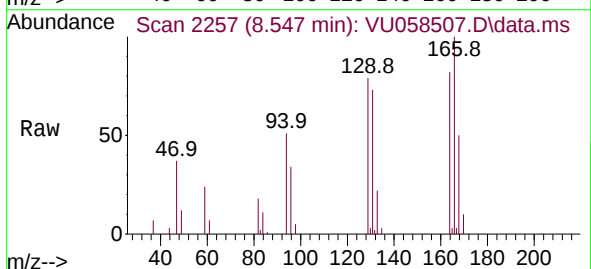
Acq: 09 Apr 2024 12:12

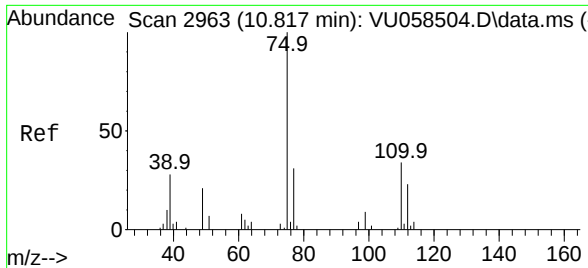
Tgt Ion:129 Resp: 11351

Ion Ratio Lower Upper

129 100

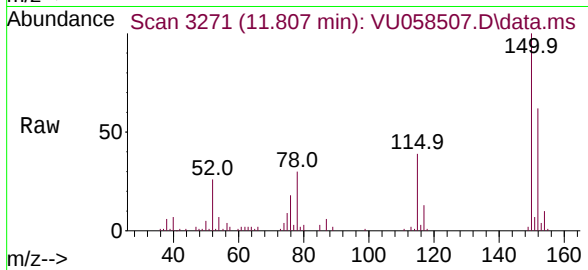
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.350 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU058507.D
Acq: 09 Apr 2024 12:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 3994
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 30.8 25.1 37.7

