

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
 Data File : VU058014.D
 Acq On : 08 Mar 2024 13:58
 Operator : MD/SY
 Sample : P1636-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 00:13:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

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

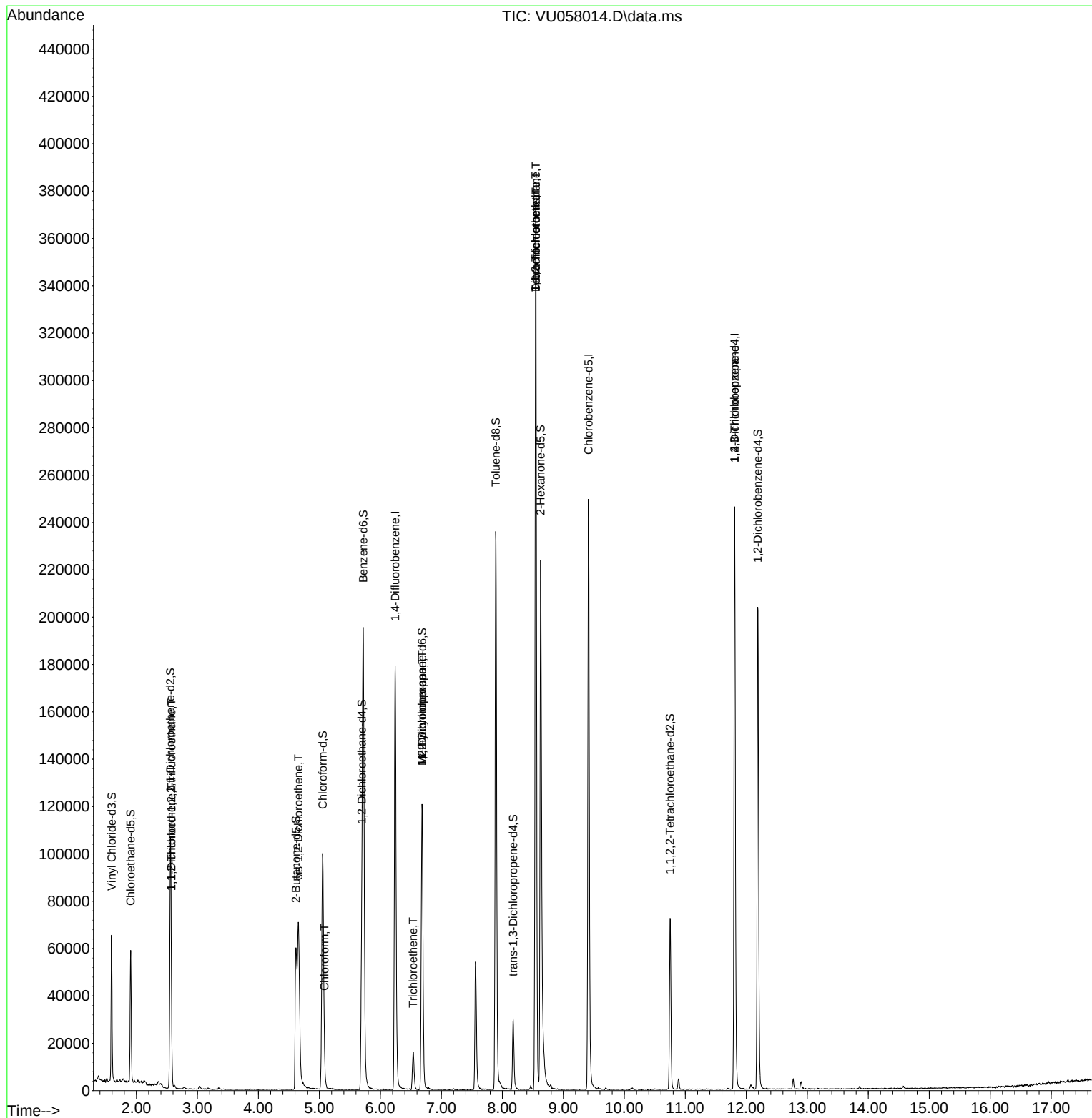
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	142439	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	137561	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63987	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	43521	4.247	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.904	69	38661	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.557	65	19815	4.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.615	46	95238	56.401	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.800%
24) Chloroform-d	5.052	84	94223	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.695	65	45599	5.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.718	84	186570	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.682	67	58745	4.820	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.891	98	158717	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.177	79	17444	4.162	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.627	63	79610	56.579	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.160%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	37177	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	51584	4.895	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	3283	0.340	ug/L	91
12) 1,1-Dichloroethene	2.570	96	1664	0.194	ug/L #	1
22) cis-1,2-Dichloroethene	4.657	96	31638	3.072	ug/L	97
25) Chloroform	5.081	83	3250	0.170	ug/L	90
34) Trichloroethene	6.538	95	5784	0.521	ug/L	92
35) Methylcyclohexane	6.685	83	13133	0.771	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	6730	0.618	ug/L #	89
45) 1,1,2-Trichloroethane	8.544	97	862	0.134	ug/L #	19
47) Tetrachloroethene	8.547	164	76375	9.912	ug/L	98
49) Dibromochloromethane	8.547	129	80533	10.541	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	9457	1.804	ug/L #	67

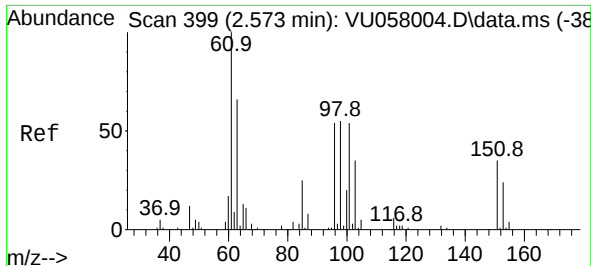
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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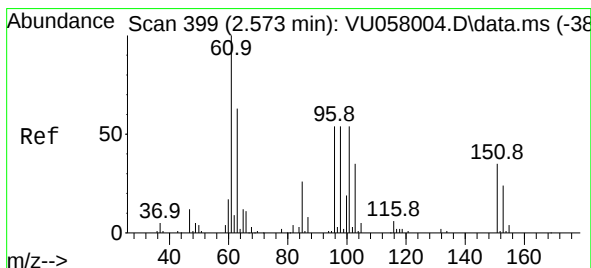
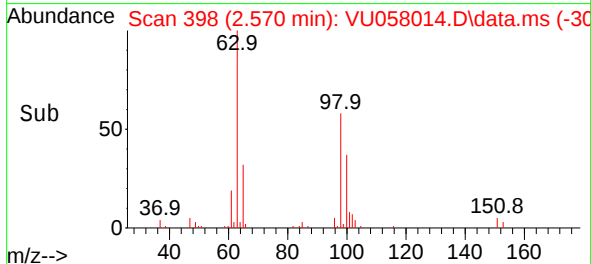
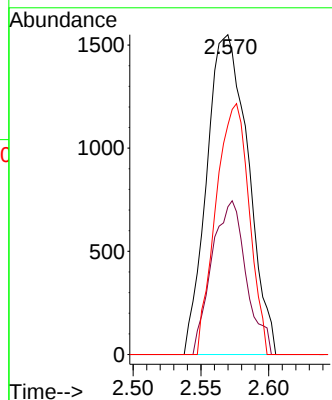
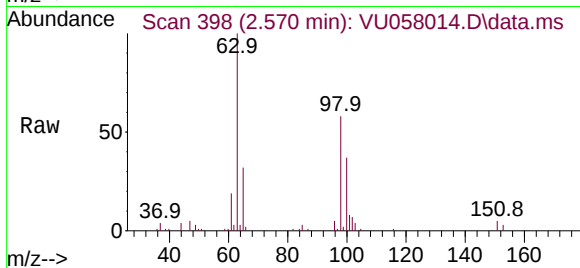




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.340 ug/L
 RT: 2.570 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU058014.D
 Acq: 08 Mar 2024 13:58

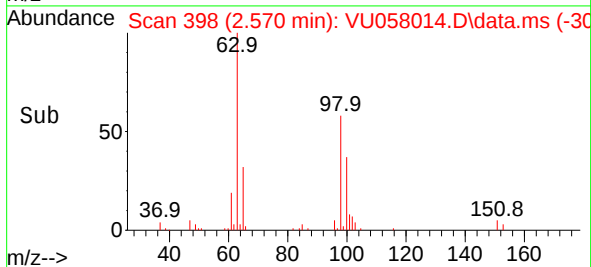
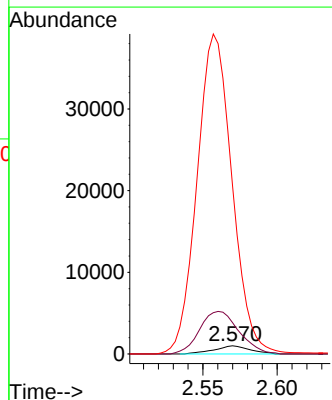
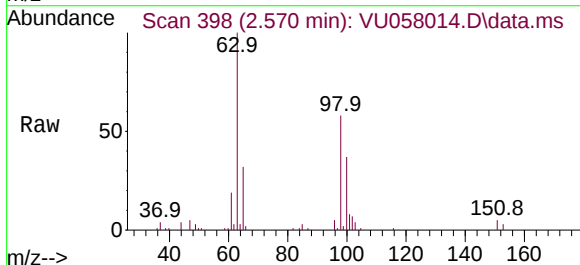
Instrument :
 MSVOA_U
 ClientSampleId :

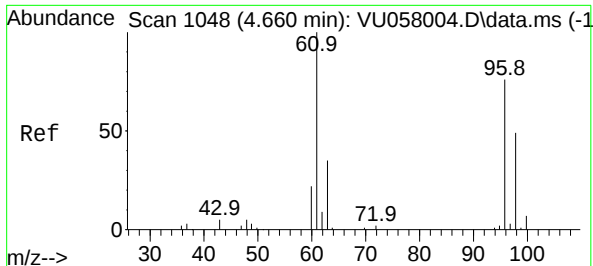
Tgt Ion:101 Resp: 3283
 Ion Ratio Lower Upper
 101 100
 85 40.1 37.3 55.9
 151 63.1 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 0.194 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU058014.D
 Acq: 08 Mar 2024 13:58

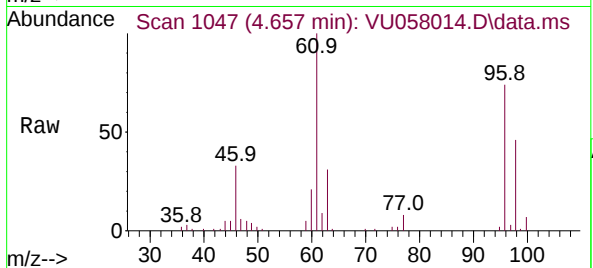
Tgt Ion: 96 Resp: 1664
 Ion Ratio Lower Upper
 96 100
 61 385.7 131.8 244.8#
 63 2066.5 98.1 182.1#





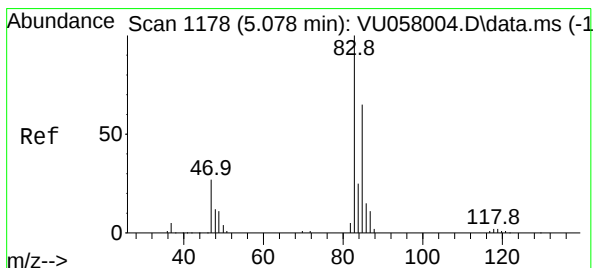
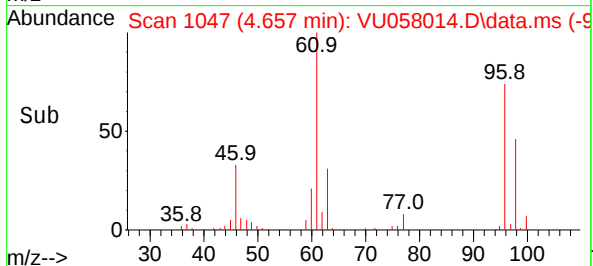
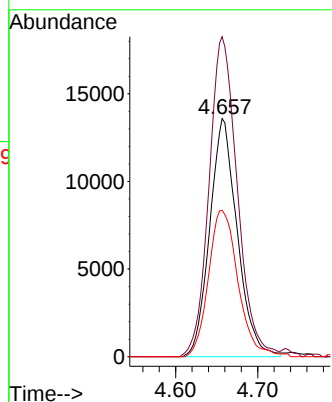
#22
cis-1,2-Dichloroethene
Concen: 3.072 ug/L
RT: 4.657 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU058014.D
Acq: 08 Mar 2024 13:58

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 31638

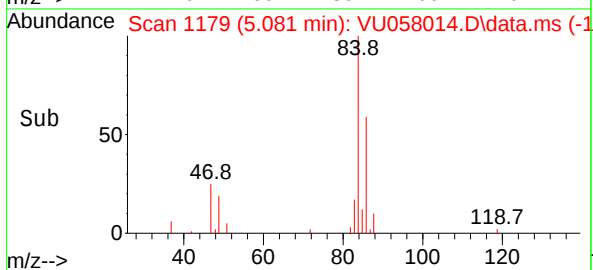
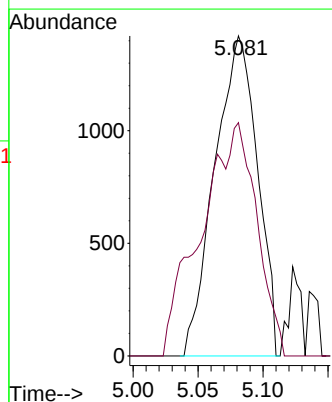
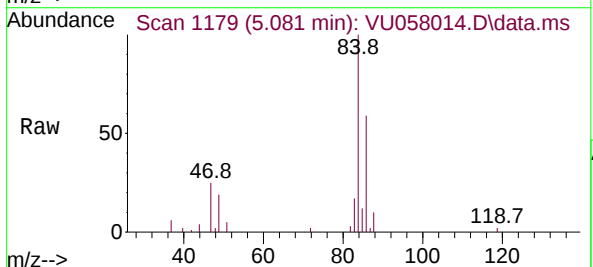
Ion	Ratio	Lower	Upper
96	100		
61	134.4	97.2	180.4
98	62.9	45.5	84.5

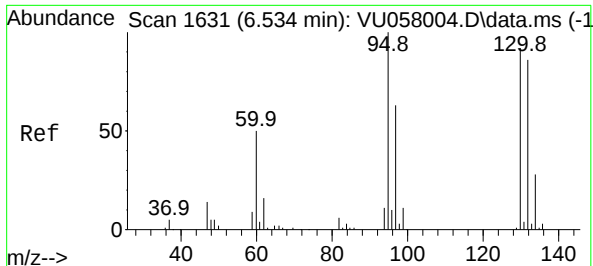


#25
Chloroform
Concen: 0.170 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU058014.D
Acq: 08 Mar 2024 13:58

Tgt Ion: 83 Resp: 3250

Ion	Ratio	Lower	Upper
83	100		
85	72.9	45.4	84.4





#34

Trichloroethene

Concen: 0.521 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058014.D

Acq: 08 Mar 2024 13:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 5784

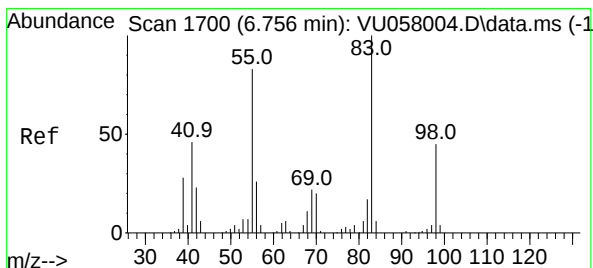
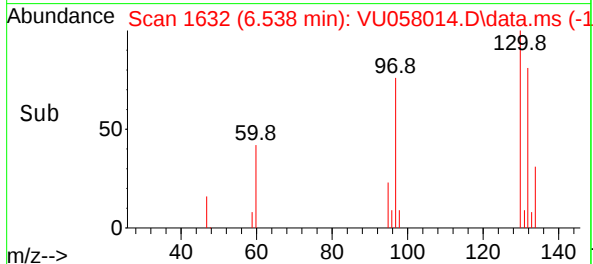
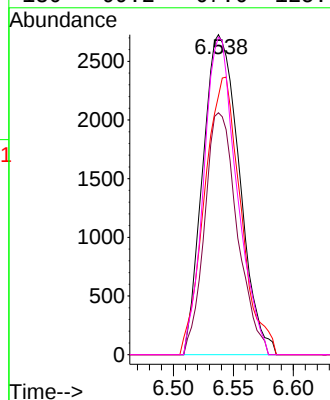
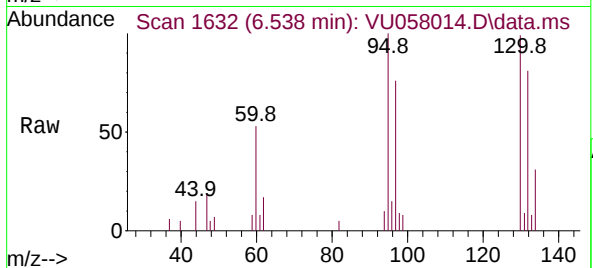
Ion Ratio Lower Upper

95 100

97 75.6 45.3 84.1

132 80.8 63.1 117.1

130 99.2 67.6 125.6



#35

Methylcyclohexane

Concen: 0.771 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU058014.D

Acq: 08 Mar 2024 13:58

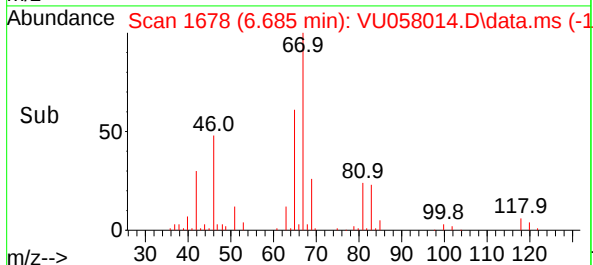
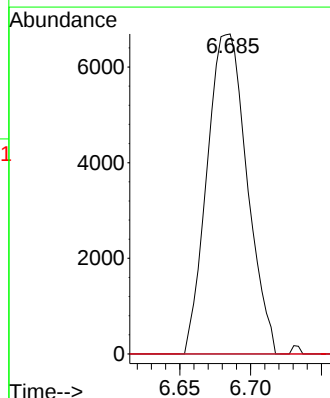
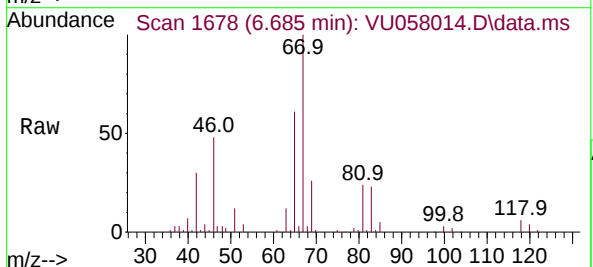
Tgt Ion: 83 Resp: 13133

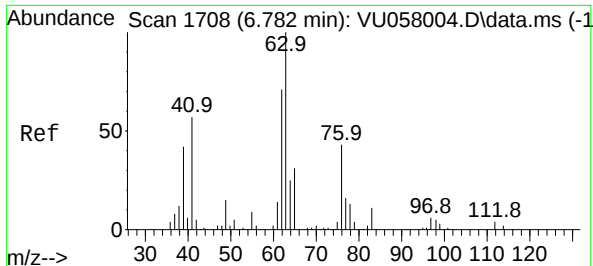
Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.6#

98 2.2 36.2 54.4#

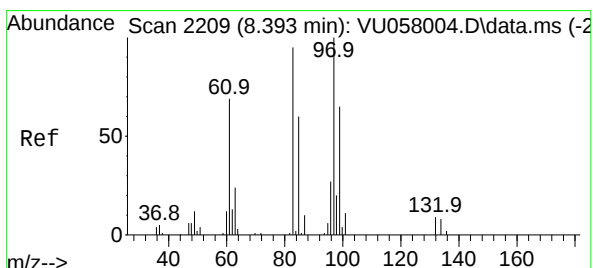
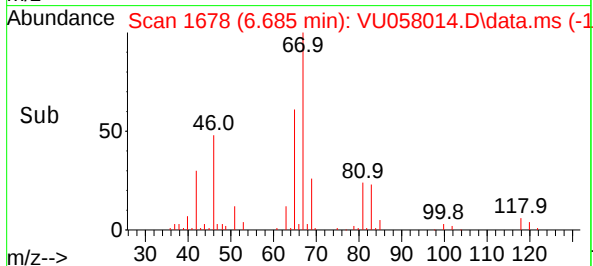
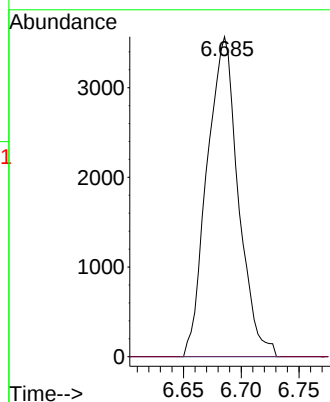
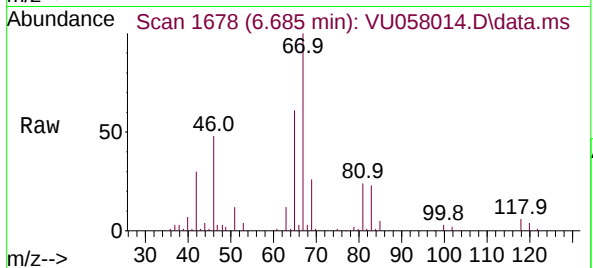




#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU058014.D
Acq: 08 Mar 2024 13:58

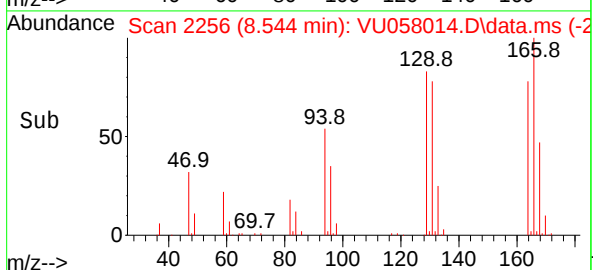
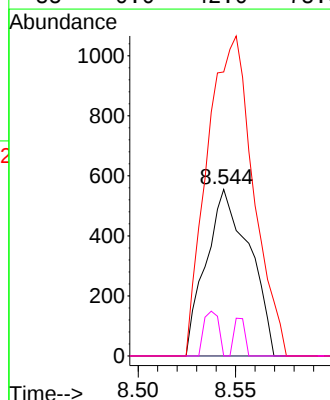
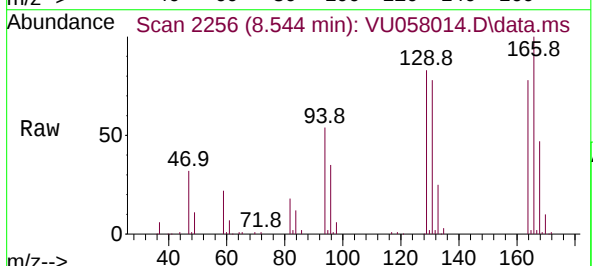
Instrument :
MSVOA_U
ClientSampleId :

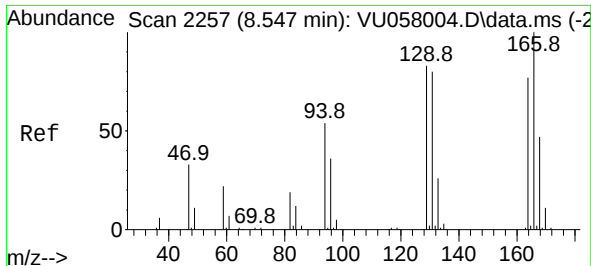
Tgt Ion: 63 Resp: 6730
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#45
1,1,2-Trichloroethane
Concen: 0.134 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.151 min
Lab File: VU058014.D
Acq: 08 Mar 2024 13:58

Tgt Ion: 97 Resp: 862
Ion Ratio Lower Upper
97 100
99 0.0 44.2 82.2#
83 170.5 64.2 119.2#
85 0.0 42.0 78.0#





#47

Tetrachloroethene

Concen: 9.912 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

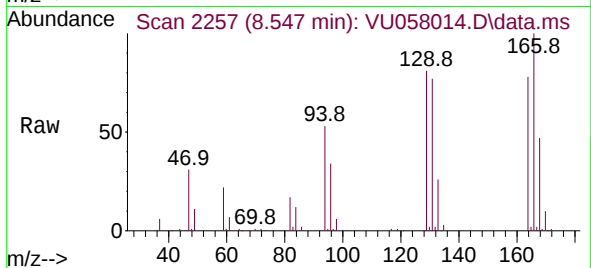
Lab File: VU058014.D

Acq: 08 Mar 2024 13:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 76375

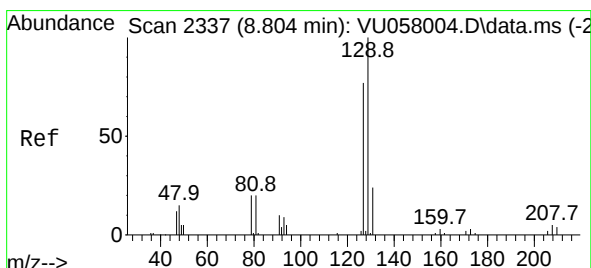
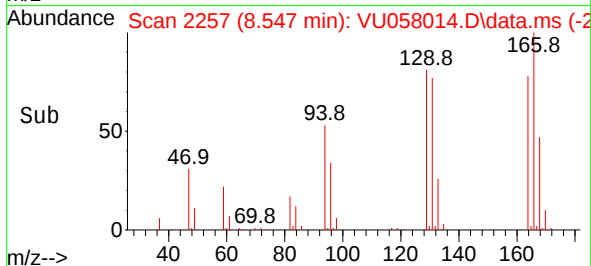
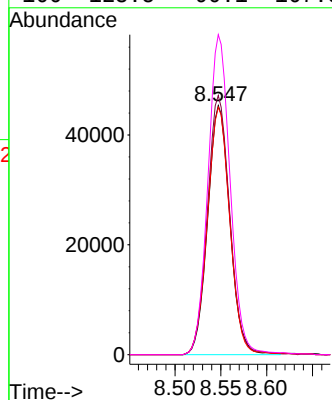
Ion Ratio Lower Upper

164 100

129 104.1 69.3 128.7

131 99.4 69.9 129.9

166 128.5 90.1 167.3



#49

Dibromochloromethane

Concen: 10.541 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU058014.D

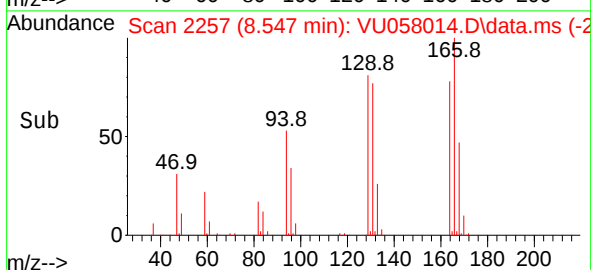
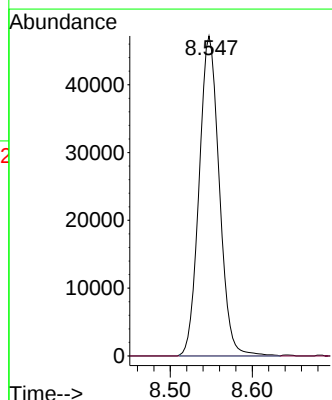
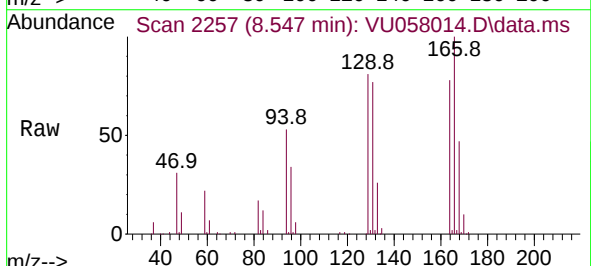
Acq: 08 Mar 2024 13:58

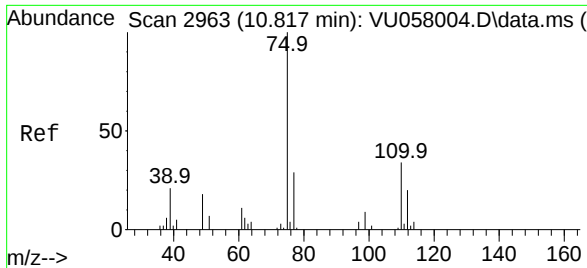
Tgt Ion:129 Resp: 80533

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#





#61
1,2,3-Trichloropropane
Concen: 1.804 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU058014.D
Acq: 08 Mar 2024 13:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 9457
Ion Ratio Lower Upper
75 100
110 1.8 28.0 42.0#
77 27.5 24.7 37.1

