

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
 Data File : VU058801.D
 Acq On : 25 Apr 2024 13:09
 Operator : MD/SY
 Sample : P2251-01 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 26 02:13:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 26 02:12:29 2024
 Response via : Initial Calibration

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

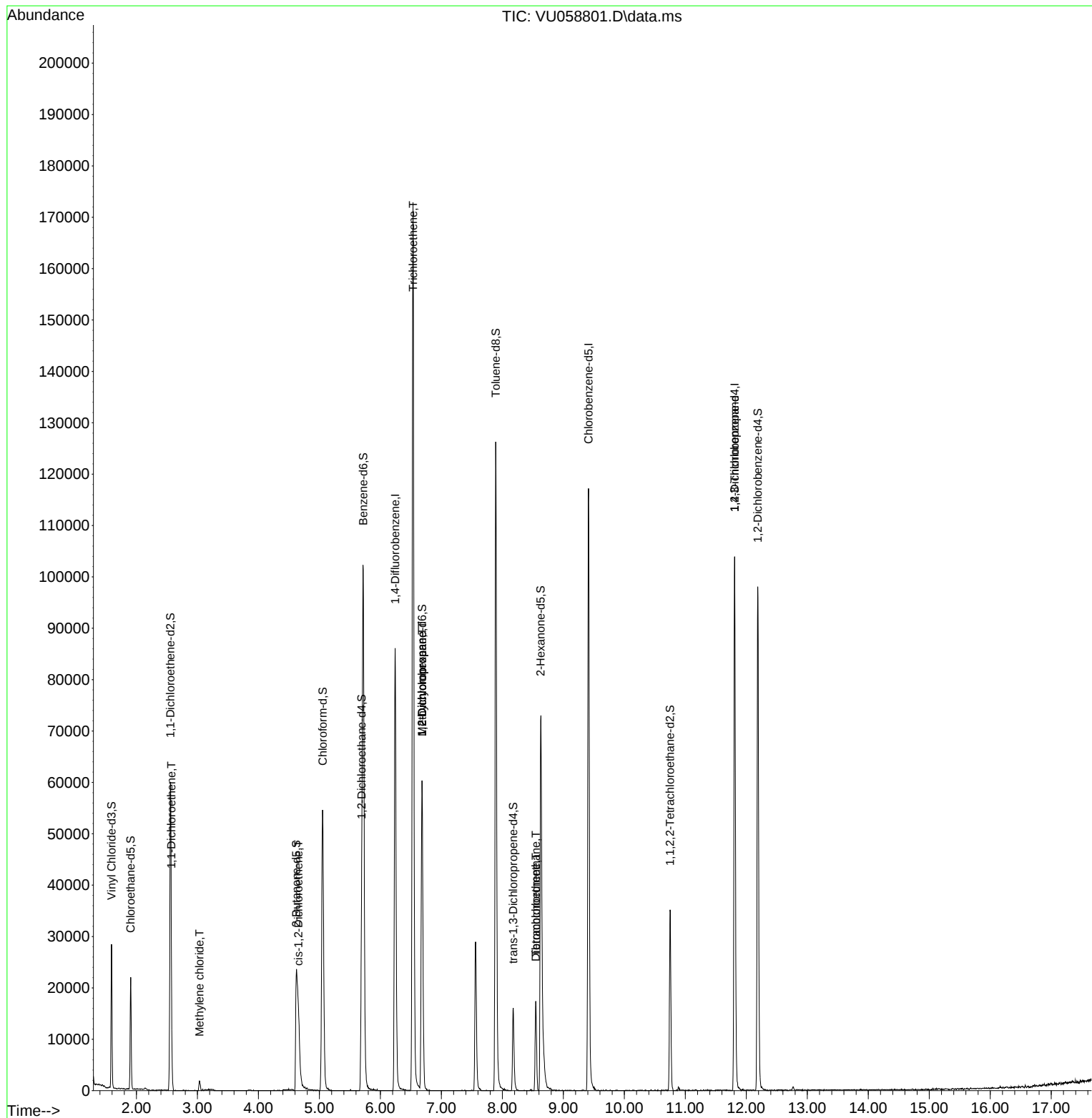
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	68719	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	65964	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28701	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	19139	3.541	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.904	69	14438	3.545	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.800%
11) 1,1-Dichloroethene-d2	2.557	65	11818	4.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.621	46	34509	36.337	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.680%
24) Chloroform-d	5.052	84	53555	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.692	65	27563	5.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.718	84	91858	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.682	67	25811	4.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.891	98	84064	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.177	79	10163	4.457	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.627	63	25862	38.278	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.560%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	16379	4.294	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	26050	5.208	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	1277	0.255	ug/L #	1
16) Methylene chloride	3.033	84	849	0.158	ug/L #	69
22) cis-1,2-Dichloroethene	4.657	96	5026	0.913	ug/L	93
34) Trichloroethene	6.534	95	59430	9.570	ug/L	99
35) Methylcyclohexane	6.682	83	6937	0.735	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3662	0.614	ug/L #	89
47) Tetrachloroethene	8.547	164	3882	0.891	ug/L	89
49) Dibromochloromethane	8.550	129	3505	0.872	ug/L #	13
61) 1,2,3-Trichloropropane	11.807	75	3190	1.221	ug/L #	63

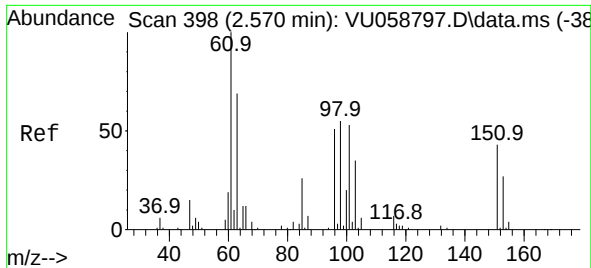
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.255 ug/L

RT: 2.570 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU058801.D

Acq: 25 Apr 2024 13:09

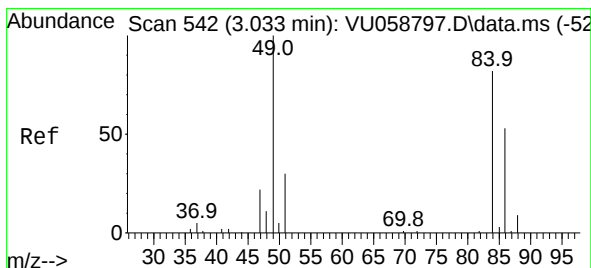
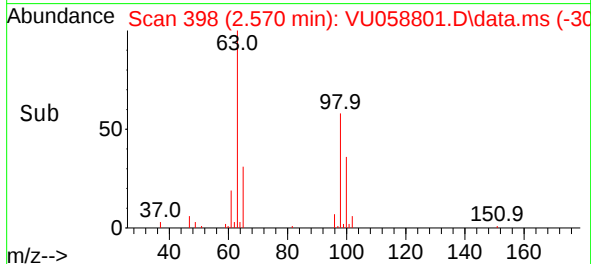
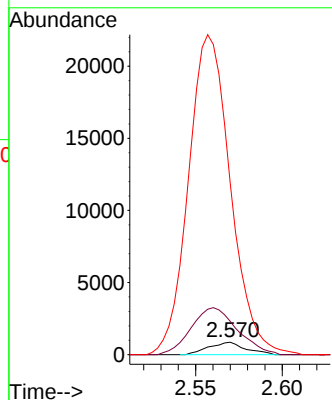
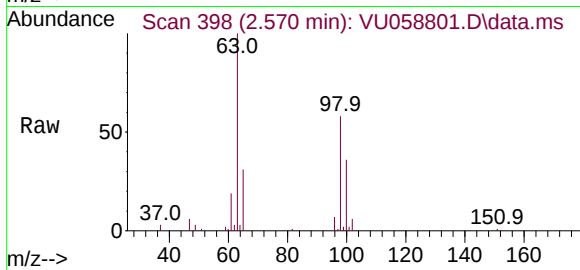
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 1277

Ion	Ratio	Lower	Upper
96	100		
61	268.3	135.3	251.3#
63	1382.3	91.9	170.7#



#16

Methylene chloride

Concen: 0.158 ug/L

RT: 3.033 min Scan# 542

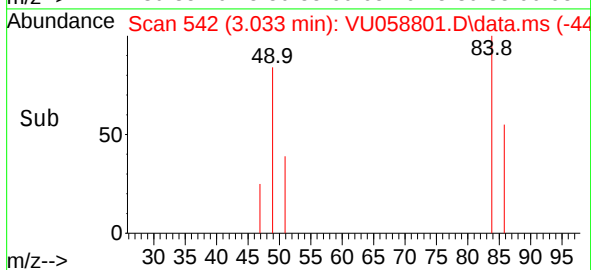
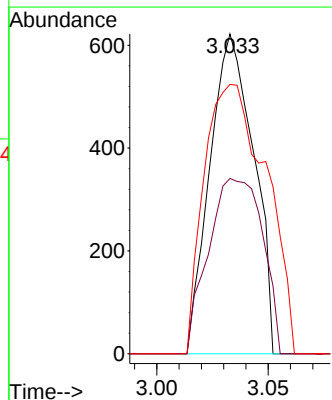
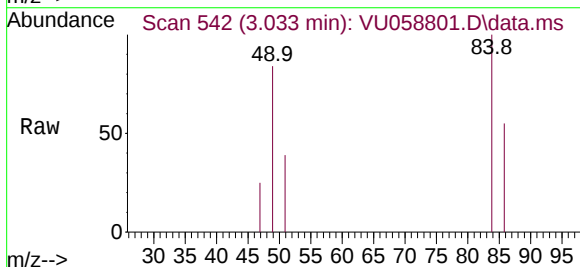
Delta R.T. 0.000 min

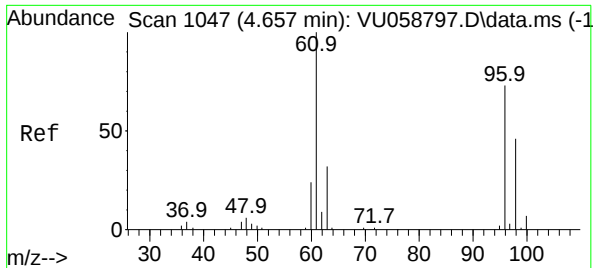
Lab File: VU058801.D

Acq: 25 Apr 2024 13:09

Tgt Ion: 84 Resp: 849

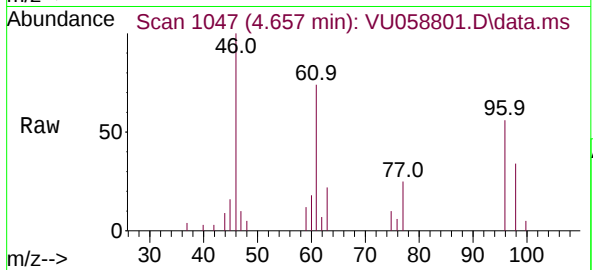
Ion	Ratio	Lower	Upper
84	100		
86	54.8	45.0	83.6
49	84.2	91.6	170.2#



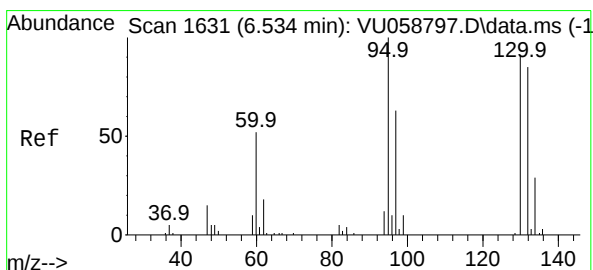
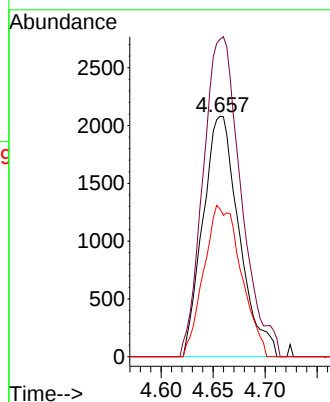
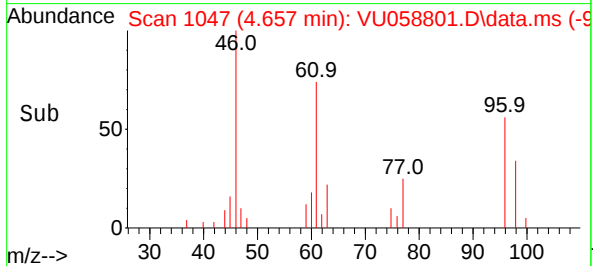


#22
cis-1,2-Dichloroethene
Concen: 0.913 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU058801.D
Acq: 25 Apr 2024 13:09

Instrument :
MSVOA_U
ClientSampleId :

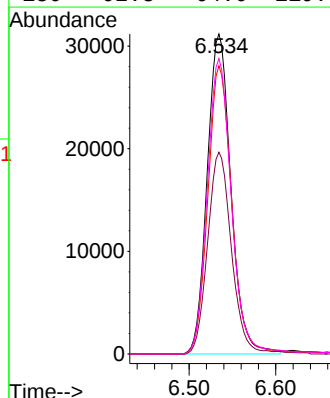
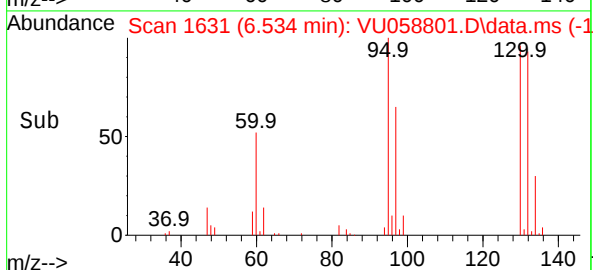
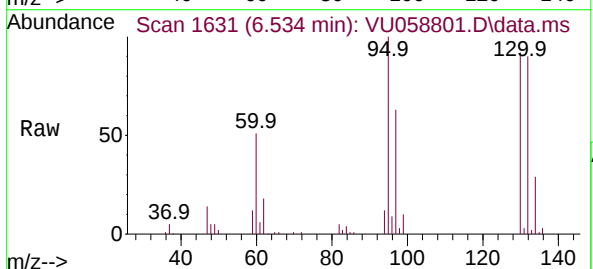


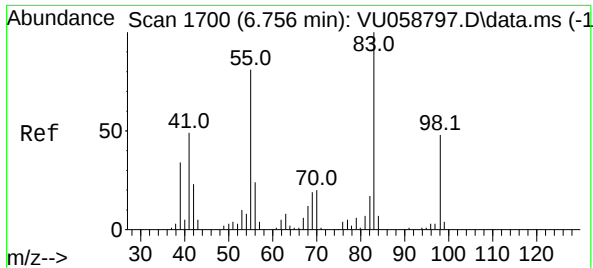
Tgt Ion: 96 Resp: 5026
Ion Ratio Lower Upper
96 100
61 132.1 100.4 186.4
98 61.5 45.1 83.7



#34
Trichloroethene
Concen: 9.570 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU058801.D
Acq: 25 Apr 2024 13:09

Tgt Ion: 95 Resp: 59430
Ion Ratio Lower Upper
95 100
97 63.0 44.4 82.4
132 90.0 61.6 114.4
130 92.3 64.0 119.0





#35

Methylcyclohexane

Concen: 0.735 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058801.D

Acq: 25 Apr 2024 13:09

Instrument :

MSVOA_U

ClientSampleId :

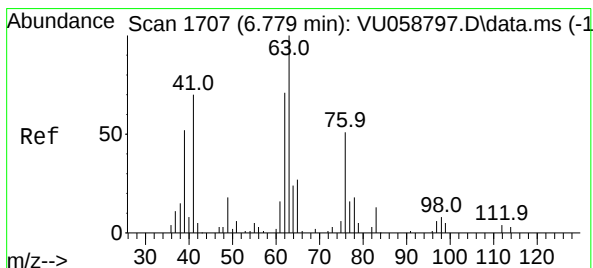
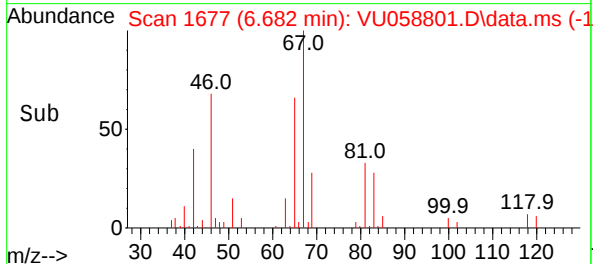
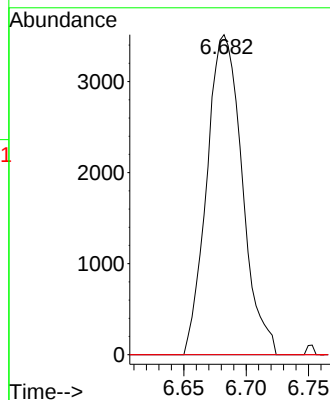
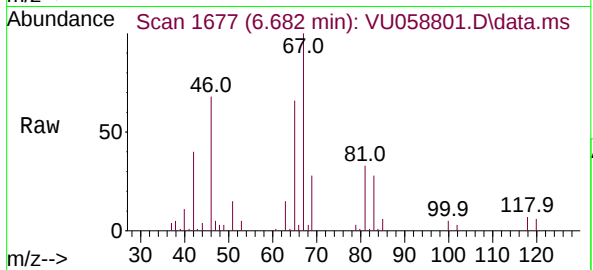
Tgt Ion: 83 Resp: 6937

Ion Ratio Lower Upper

83 100

55 0.0 66.6 100.0#

98 0.0 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 0.614 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.096 min

Lab File: VU058801.D

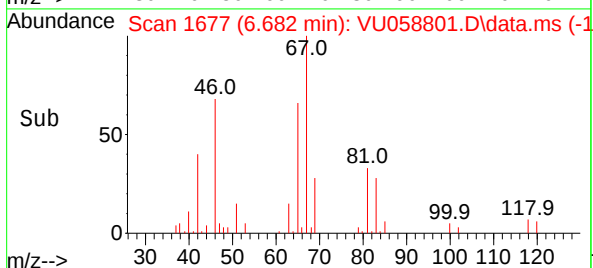
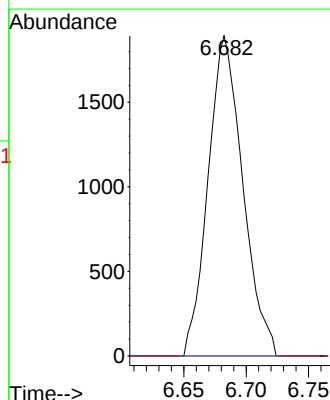
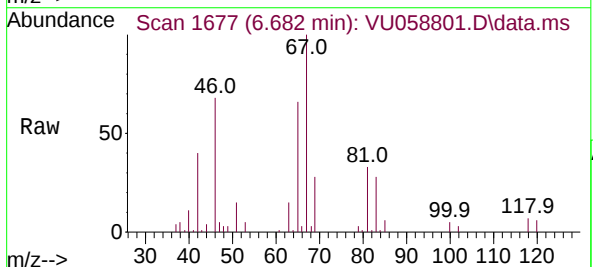
Acq: 25 Apr 2024 13:09

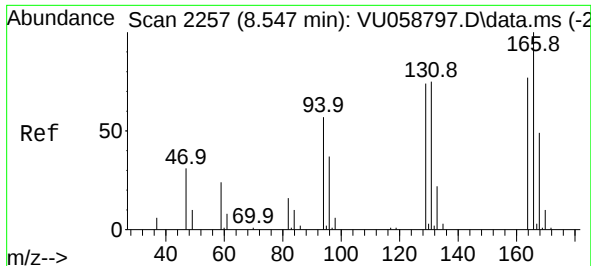
Tgt Ion: 63 Resp: 3662

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#47

Tetrachloroethene

Concen: 0.891 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU058801.D

Acq: 25 Apr 2024 13:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 3882

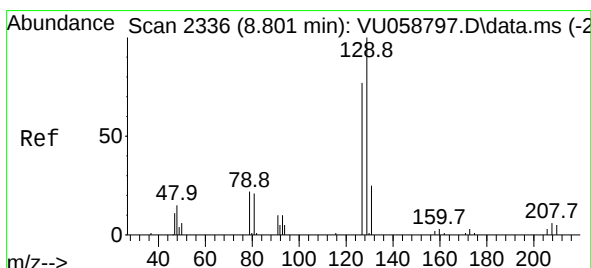
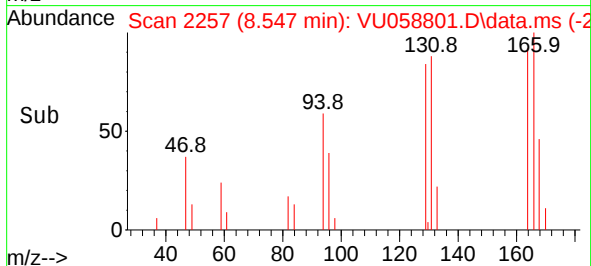
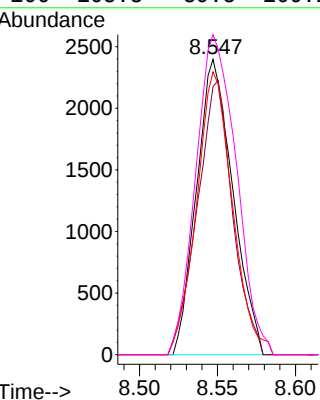
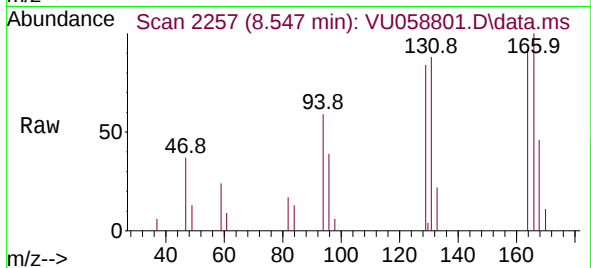
Ion Ratio Lower Upper

164 100

129 90.7 71.5 132.9

131 95.7 65.0 120.6

166 108.3 89.5 166.1



#49

Dibromochloromethane

Concen: 0.872 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.251 min

Lab File: VU058801.D

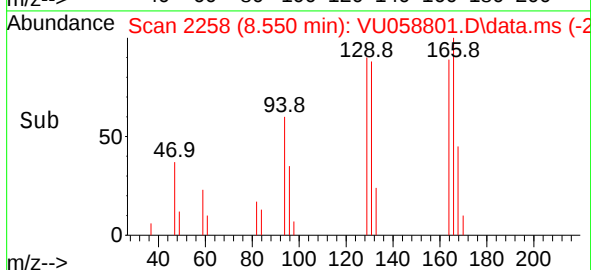
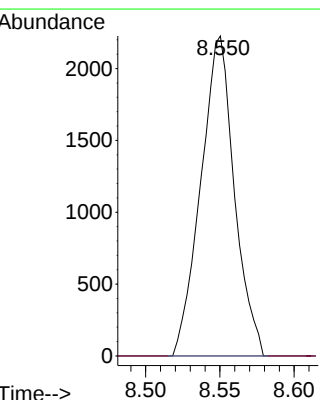
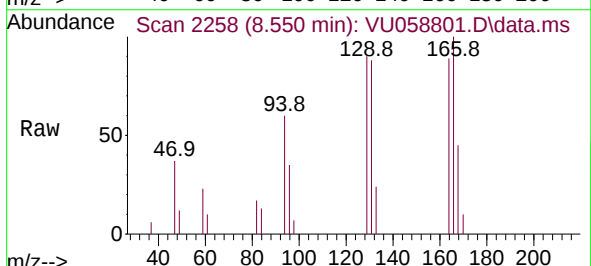
Acq: 25 Apr 2024 13:09

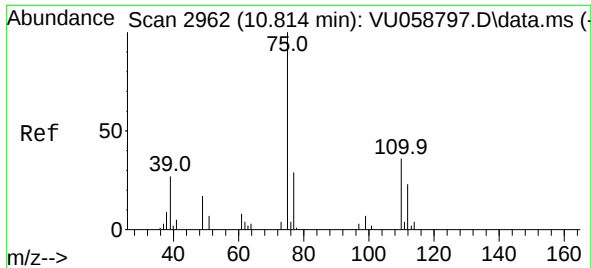
Tgt Ion:129 Resp: 3505

Ion Ratio Lower Upper

129 100

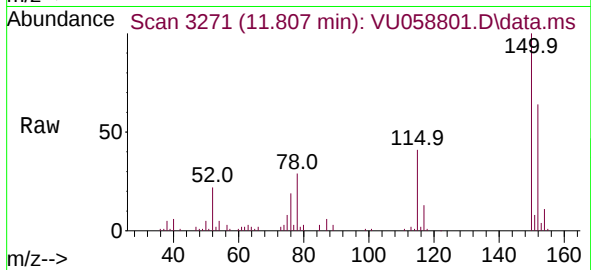
127 0.0 51.0 94.8#





#61
1,2,3-Trichloropropane
Concen: 1.221 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU058801.D
Acq: 25 Apr 2024 13:09

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 3190
Ion Ratio Lower Upper
75 100
110 0.0 28.6 43.0#
77 36.7 25.4 38.2

