

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059777.D
 Acq On : 03 Jul 2024 07:06
 Operator : MD/SY
 Sample : P3122-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 00:54:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 06:10:28 2024
 Response via : Initial Calibration

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

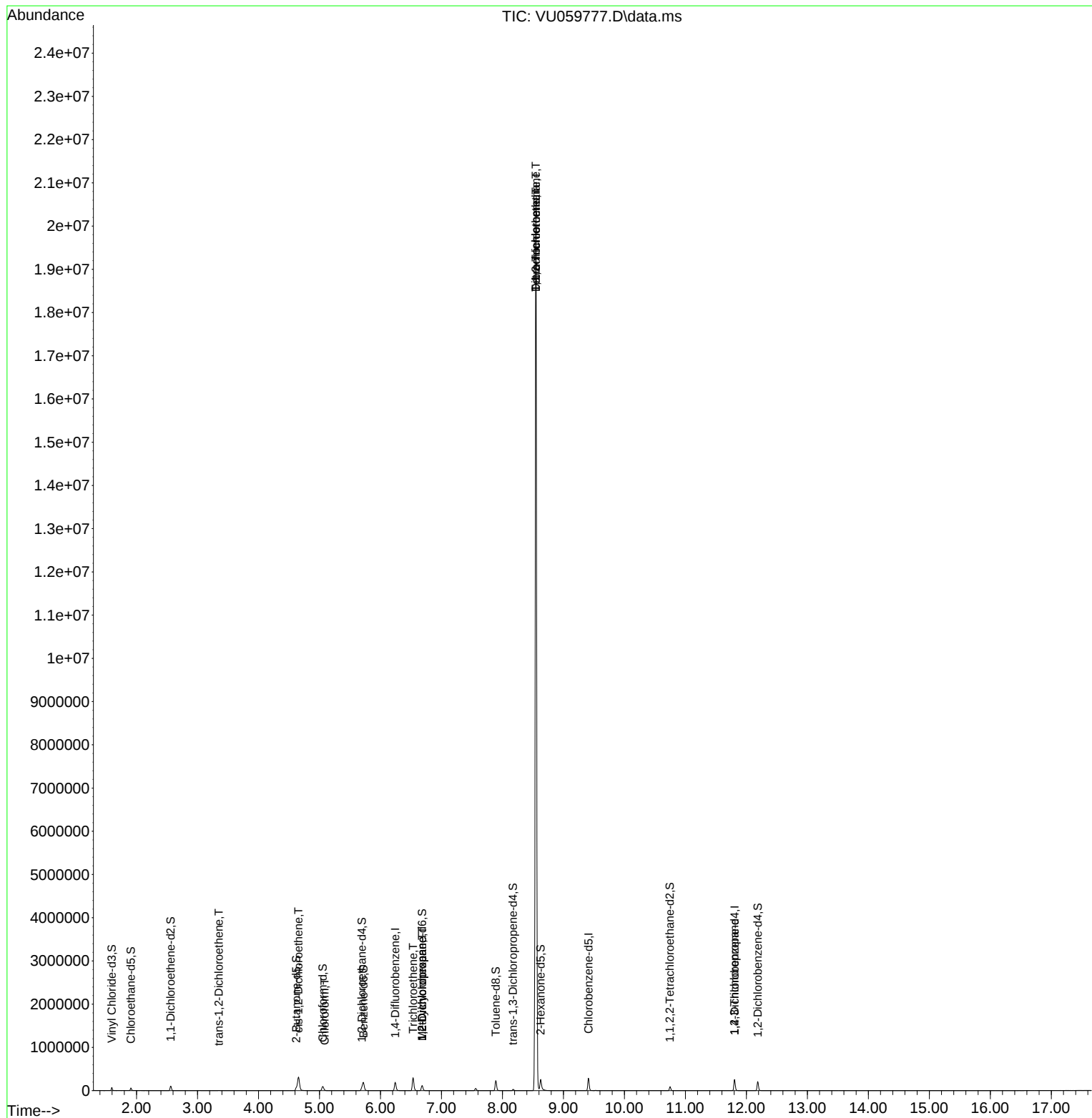
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	165545	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	170765	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	75563	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	52492	4.560	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.907	69	45009	4.064	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.560	65	19634	4.111	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.621	46	97886	41.282	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.560%
24) Chloroform-d	5.055	84	92593	3.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
26) 1,2-Dichloroethane-d4	5.695	65	45926	4.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
32) Benzene-d6	5.721	84	192652	4.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.682	67	59605	4.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.891	98	162775	3.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	8.174	79	18004	3.992	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.627	63	89780	47.916	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47373	3.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	60494	4.498	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
18) trans-1,2-Dichloroethene	3.351	96	1488	0.122	ug/L #	76
22) cis-1,2-Dichloroethene	4.656	96	171173	12.718	ug/L	94
25) Chloroform	5.084	83	4941	0.208	ug/L	89
34) Trichloroethene	6.534	95	104844	7.466	ug/L	97
35) Methylcyclohexane	6.682	83	13892	0.695	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	5877	0.438	ug/L #	90
45) 1,1,2-Trichloroethane	8.547	97	35598	3.600	ug/L #	1
47) Tetrachloroethene	8.550	164	4557192	418.181	ug/L	96
49) Dibromochloromethane	8.550	129	4275503	390.291	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	8565	1.227	ug/L #	68

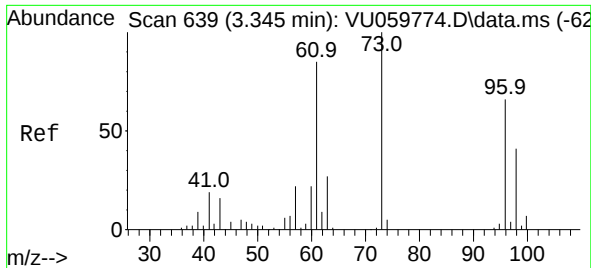
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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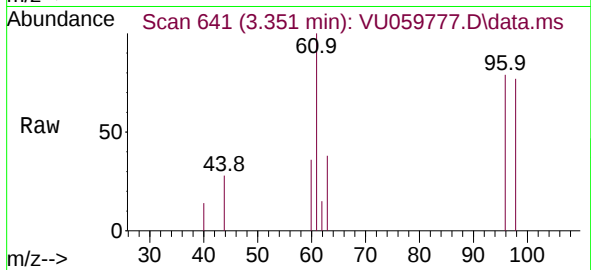
Quant Time: Jul 04 00:54:43 2024
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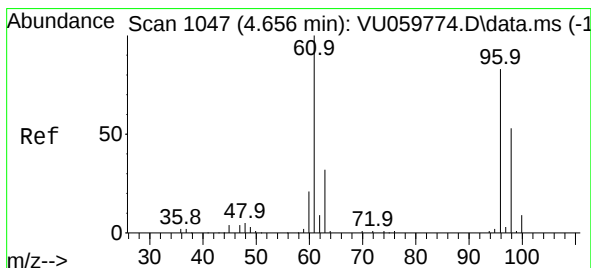
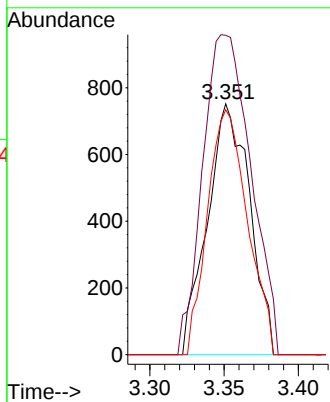
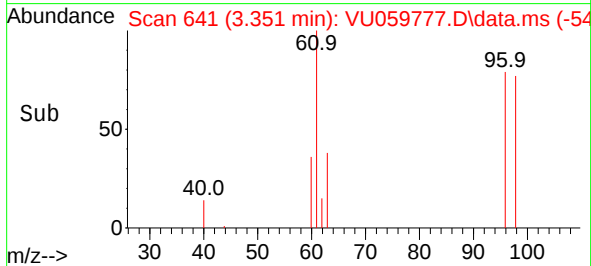


#18
trans-1,2-Dichloroethene
Concen: 0.122 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU059777.D
Acq: 03 Jul 2024 07:06

Instrument :
MSVOA_U
ClientSampleId :

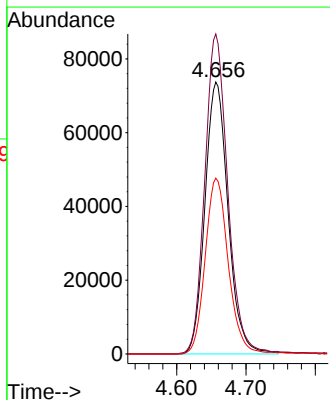
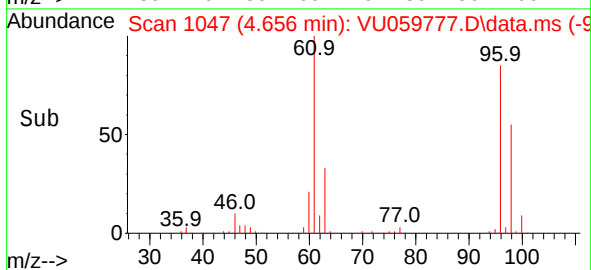
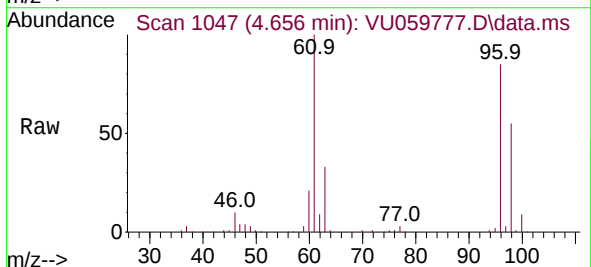


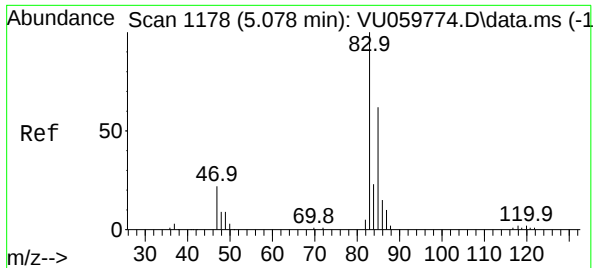
Tgt Ion: 96 Resp: 1488
Ion Ratio Lower Upper
96 100
61 127.3 101.8 189.0
98 97.6 43.3 80.5#



#22
cis-1,2-Dichloroethene
Concen: 12.718 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU059777.D
Acq: 03 Jul 2024 07:06

Tgt Ion: 96 Resp: 171173
Ion Ratio Lower Upper
96 100
61 117.6 87.4 162.2
98 64.6 42.3 78.5

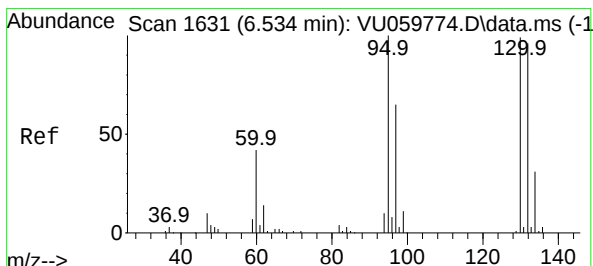
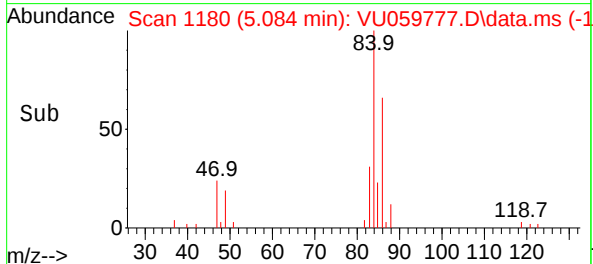
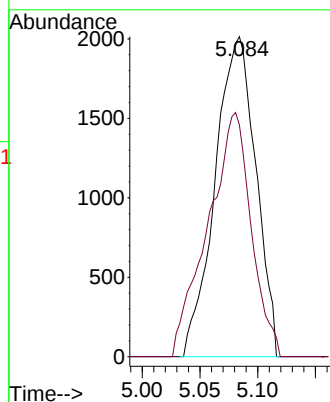
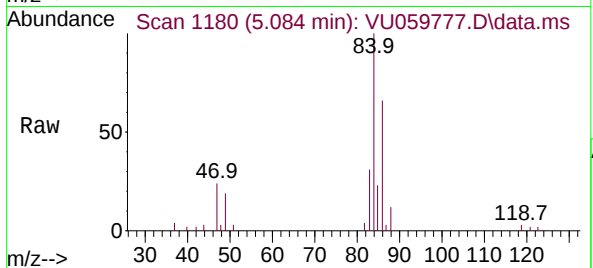




#25
Chloroform
Concen: 0.208 ug/L
RT: 5.084 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VU059777.D
Acq: 03 Jul 2024 07:06

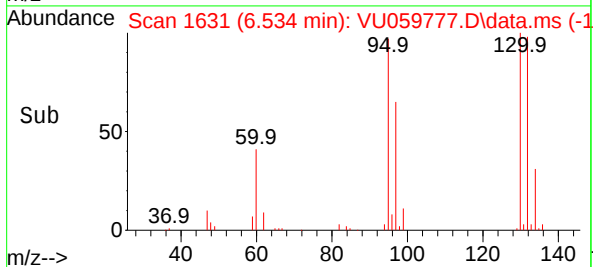
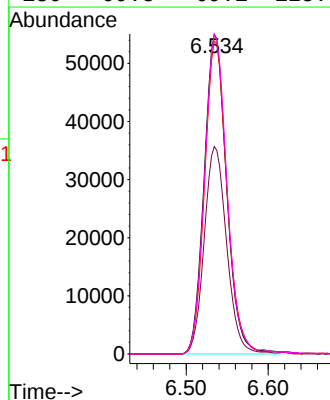
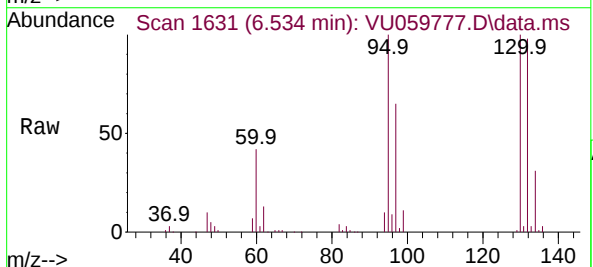
Instrument :
MSVOA_U
ClientSampleId :

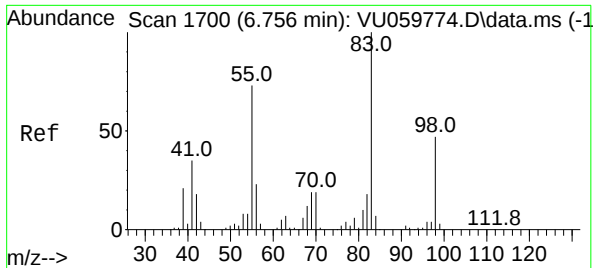
Tgt Ion: 83 Resp: 4941
Ion Ratio Lower Upper
83 100
85 72.4 44.7 83.1



#34
Trichloroethene
Concen: 7.466 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU059777.D
Acq: 03 Jul 2024 07:06

Tgt Ion: 95 Resp: 104844
Ion Ratio Lower Upper
95 100
97 64.8 45.3 84.1
132 97.8 64.0 119.0
130 99.8 69.1 128.3





#35

Methylcyclohexane

Concen: 0.695 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU059777.D

Acq: 03 Jul 2024 07:06

Instrument :

MSVOA_U

ClientSampleId :

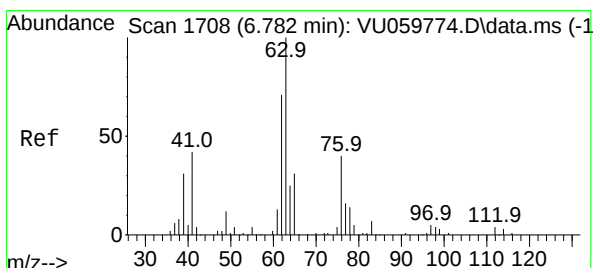
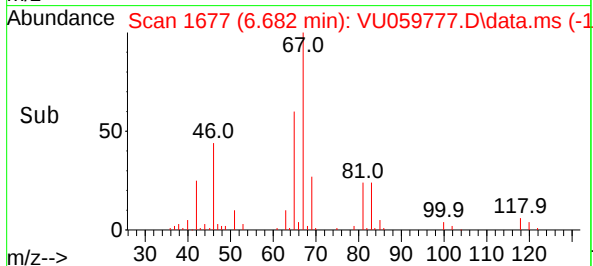
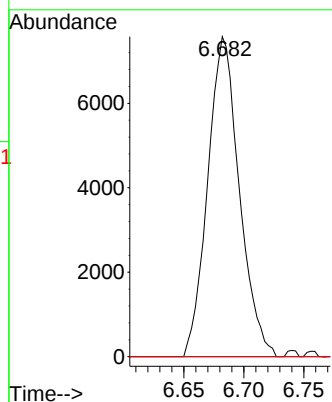
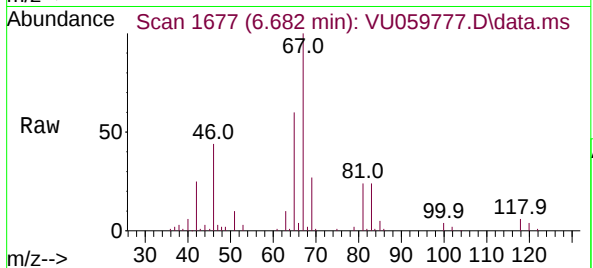
Tgt Ion: 83 Resp: 13892

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.438 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU059777.D

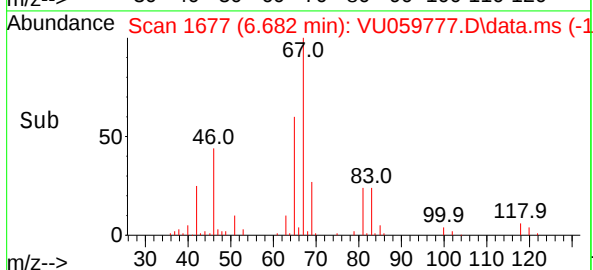
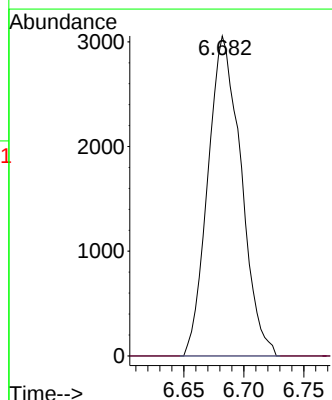
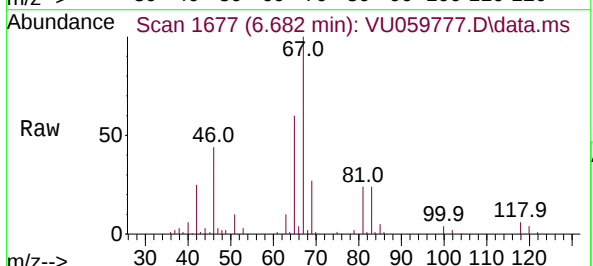
Acq: 03 Jul 2024 07:06

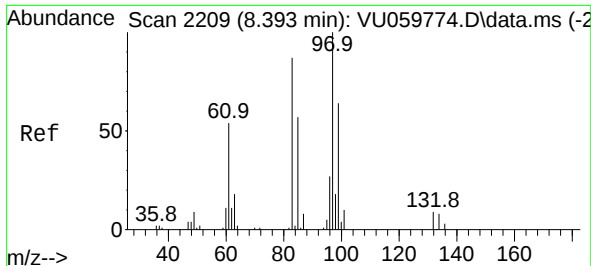
Tgt Ion: 63 Resp: 5877

Ion Ratio Lower Upper

63 100

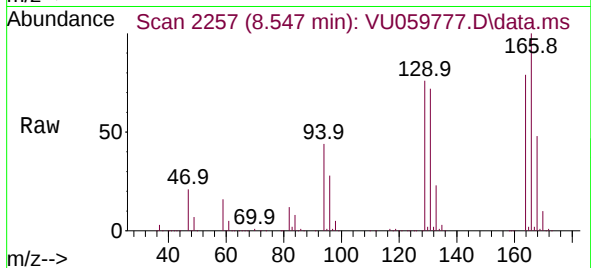
112 0.0 2.6 3.8#



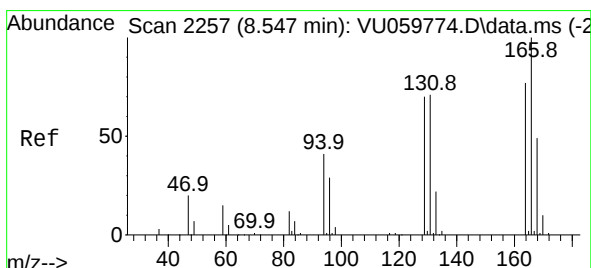
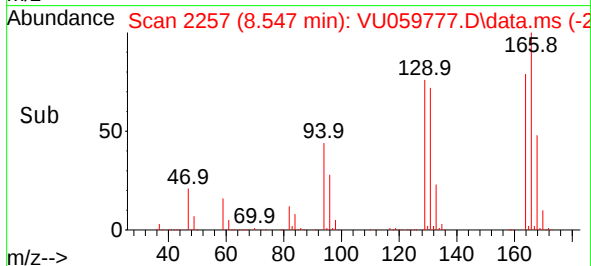
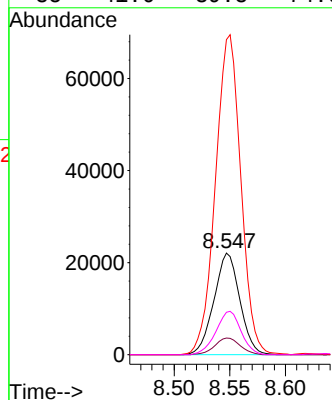


#45
1,1,2-Trichloroethane
Concen: 3.600 ug/L
RT: 8.547 min Scan# 2209
Delta R.T. 0.154 min
Lab File: VU059777.D
Acq: 03 Jul 2024 07:06

Instrument :
MSVOA_U
ClientSampleId :

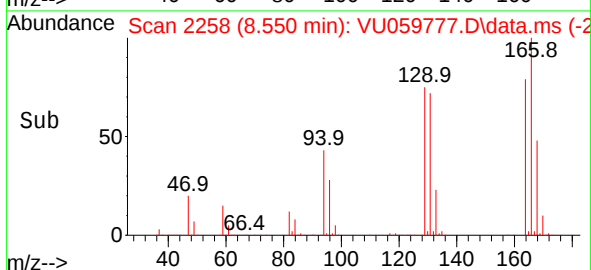
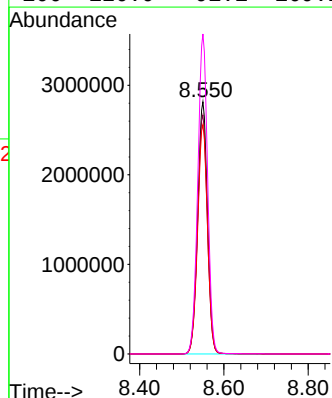
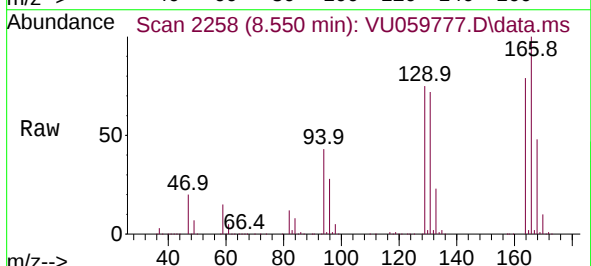


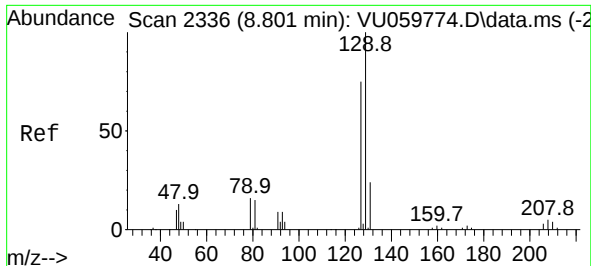
Tgt Ion: 97 Resp: 35598
Ion Ratio Lower Upper
97 100
99 16.4 43.3 80.3#
83 309.9 62.3 115.7#
85 41.6 39.8 74.0



#47
Tetrachloroethene
Concen: 418.181 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU059777.D
Acq: 03 Jul 2024 07:06

Tgt Ion:164 Resp: 4557192
Ion Ratio Lower Upper
164 100
129 94.8 70.8 131.4
131 90.9 64.8 120.3
166 126.9 91.1 169.1





#49

Dibromochloromethane

Concen: 390.291 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU059777.D

Acq: 03 Jul 2024 07:06

Instrument :

MSVOA_U

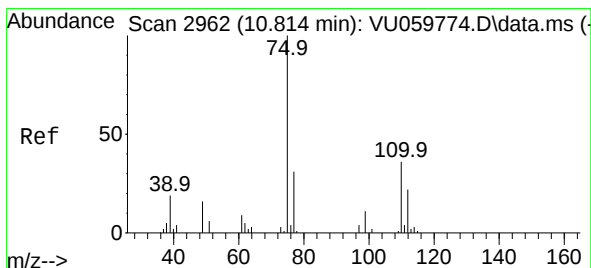
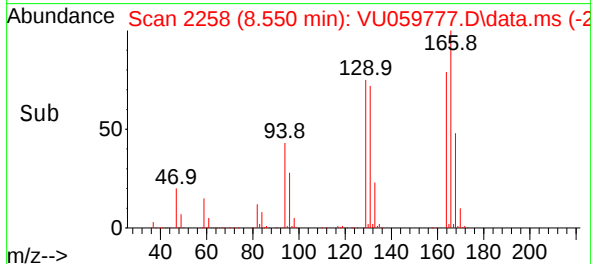
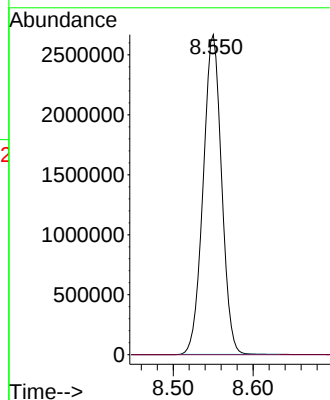
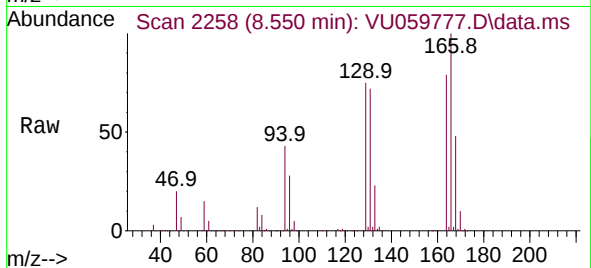
ClientSampleId :

Tgt Ion:129 Resp: 4275503

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#61

1,2,3-Trichloropropane

Concen: 1.227 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU059777.D

Acq: 03 Jul 2024 07:06

Tgt Ion: 75 Resp: 8565

Ion Ratio Lower Upper

75 100

110 1.3 27.1 40.7#

77 29.3 25.4 38.2

