

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033677.D
 Acq On : 16 Jan 2024 17:45
 Operator : SY/MD
 Sample : P1062-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 00:14:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 00:08:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	113832	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	106347	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	53775	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	21772	3.498	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.536	69	21566	3.907	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.063	65	10773	3.840	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	3.802	46	67974	44.663	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.320%
24) Chloroform-d	4.252	84	58580	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	4.947	65	27702	4.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	4.963	84	107670	4.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	5.992	67	36008	4.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.246	98	95465	4.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.561	79	11021	3.726	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.027	63	50616	43.589	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.180%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	22861	4.573	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	37048	4.487	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	18866	1.593	ug/L	88
12) 1,1-Dichloroethene	2.072	96	9086	1.132	ug/L #	39
17) Methyl tert-butyl Ether	2.703	73	114443	6.299	ug/L	99
19) 1,1-Dichloroethane	3.117	63	13063	0.725	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	39065	4.116	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	8166	0.542	ug/L	96
31) Carbon tetrachloride	4.516	117	937	0.073	ug/L #	59
34) Trichloroethene	5.834	95	65749	6.541	ug/L	97
35) Methylcyclohexane	5.992	83	8182	0.481	ug/L #	16
37) 1,2-Dichloropropane	5.992	63	4254	0.454	ug/L #	87
39) cis-1,3-Dichloropropene	6.918	75	856	0.064	ug/L #	53
42) Toluene	7.323	91	40519	1.015	ug/L	100
47) Tetrachloroethene	7.911	164	3146	0.436	ug/L	95
49) Dibromochloromethane	7.908	129	2980	0.459	ug/L #	11
53) m,p-Xylene	9.082	106	1788	0.105	ug/L	90
61) 1,2,3-Trichloropropane	11.185	75	6921	1.606	ug/L #	64

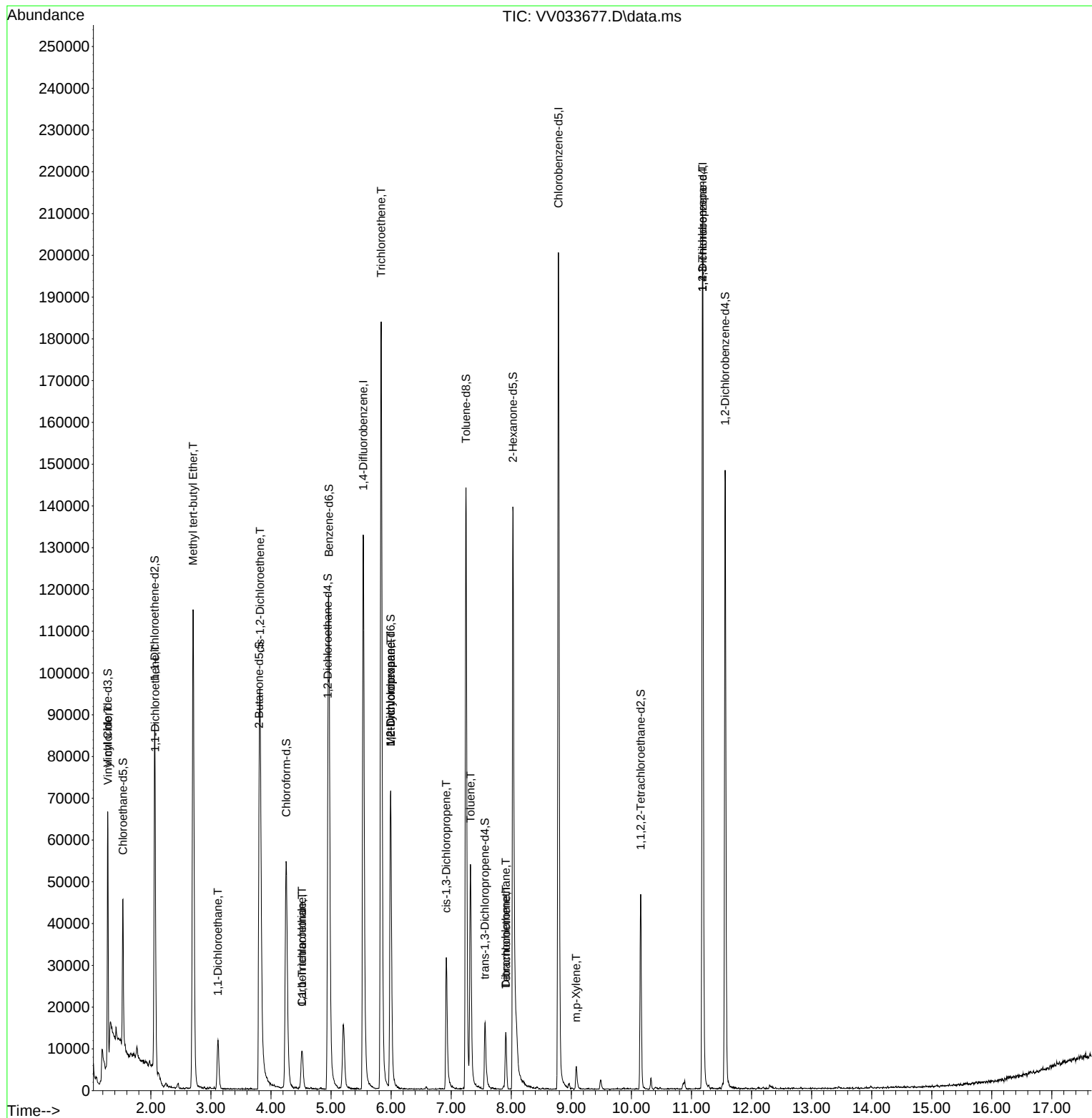
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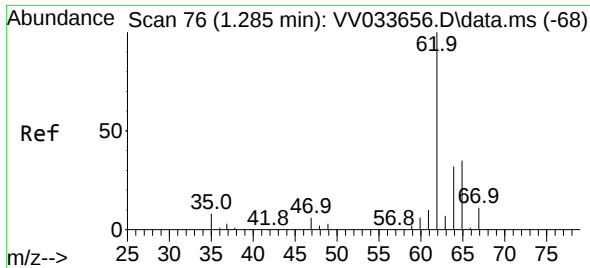
Instrument :
MSVOA_V
ClientSampleId :

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Quant Title : TRACE VOA SFAM1.0
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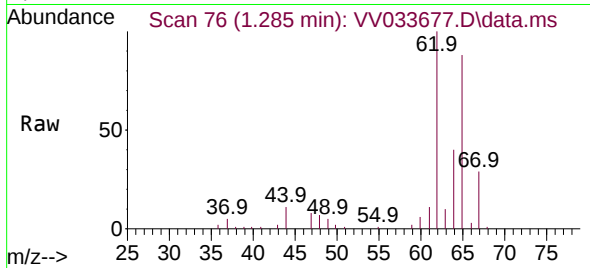


#5
 Vinyl chloride
 Concen: 1.593 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033677.D
 Acq: 16 Jan 2024 17:45

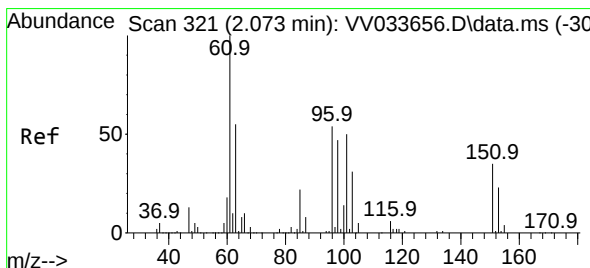
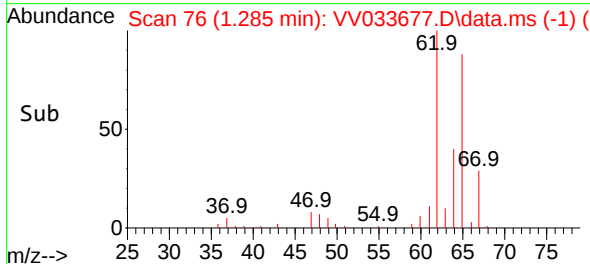
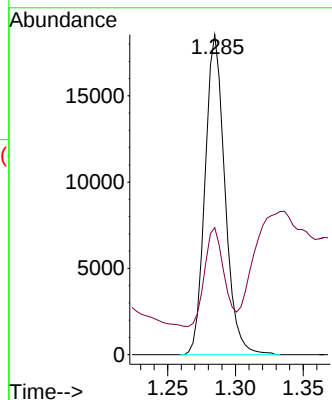
Instrument :

MSVOA_V

ClientSampleId :

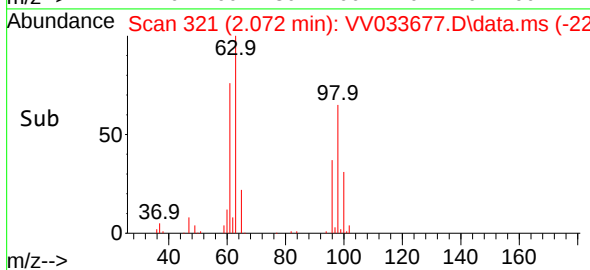
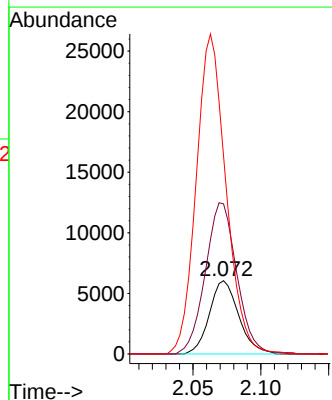
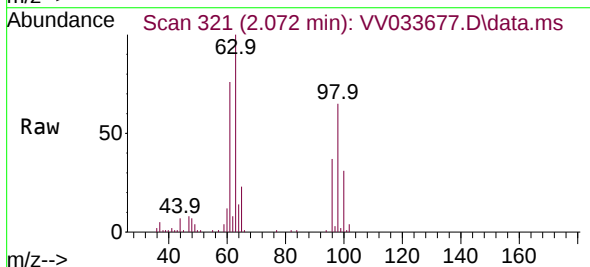


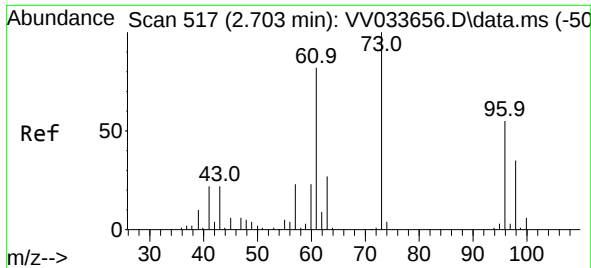
Tgt Ion: 62 Resp: 18866
 Ion Ratio Lower Upper
 62 100
 64 39.7 23.0 42.8



#12
 1,1-Dichloroethene
 Concen: 1.132 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV033677.D
 Acq: 16 Jan 2024 17:45

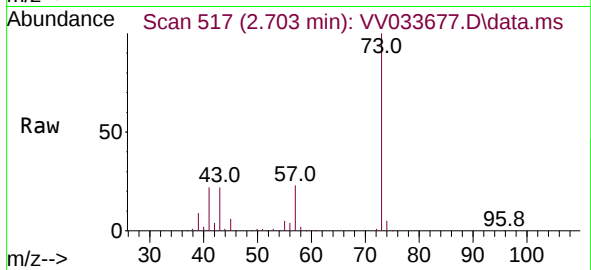
Tgt Ion: 96 Resp: 9086
 Ion Ratio Lower Upper
 96 100
 61 205.0 133.8 248.4
 63 270.2 77.2 143.4#





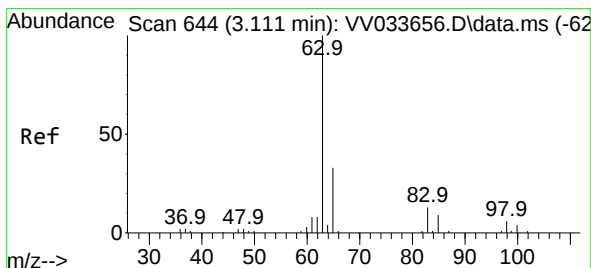
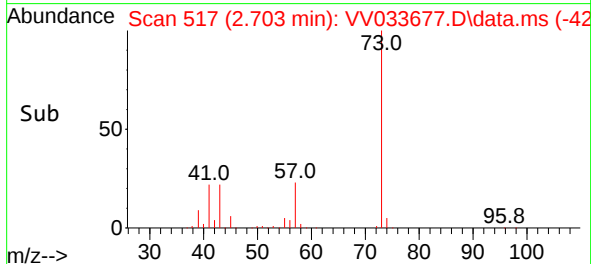
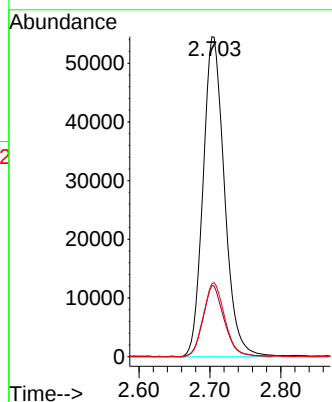
#17
Methyl tert-butyl Ether
Concen: 6.299 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV033677.D
Acq: 16 Jan 2024 17:45

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 73 Resp: 114443

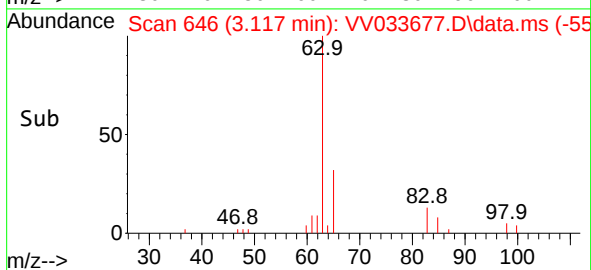
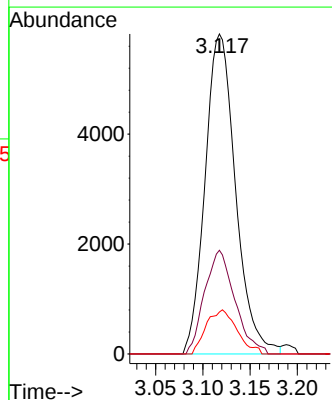
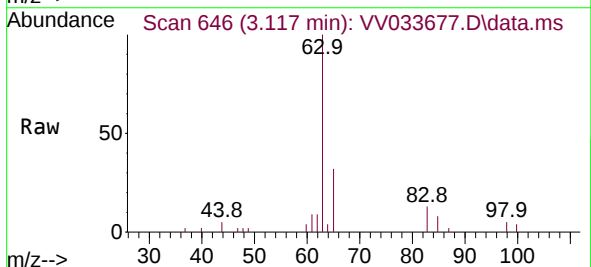
Ion	Ratio	Lower	Upper
73	100		
43	22.0	17.7	26.5
57	23.1	19.5	29.3

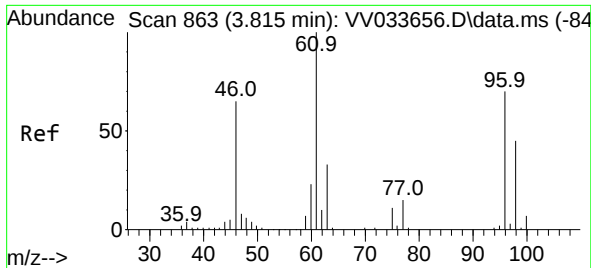


#19
1,1-Dichloroethane
Concen: 0.725 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.006 min
Lab File: VV033677.D
Acq: 16 Jan 2024 17:45

Tgt Ion: 63 Resp: 13063

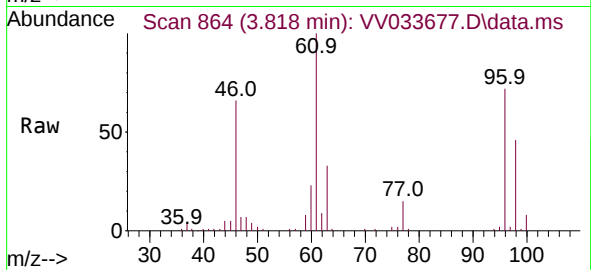
Ion	Ratio	Lower	Upper
63	100		
65	32.4	21.6	40.2
83	13.1	9.1	16.9



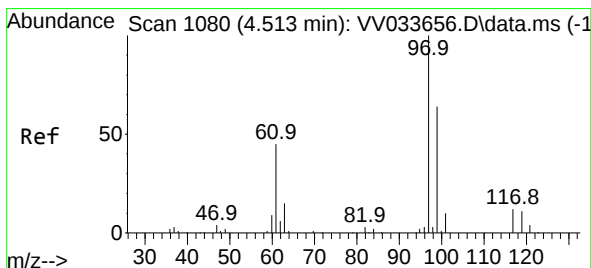
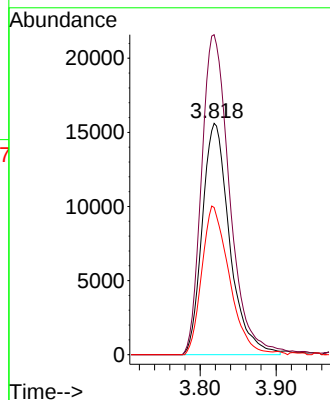
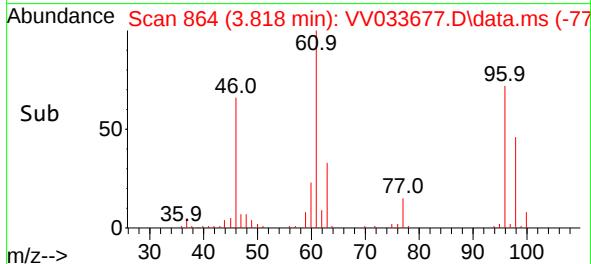


#22
 cis-1,2-Dichloroethene
 Concen: 4.116 ug/L
 RT: 3.818 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV033677.D
 Acq: 16 Jan 2024 17:45

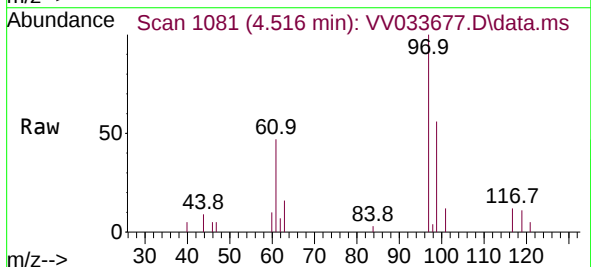
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 ClientSampleId :



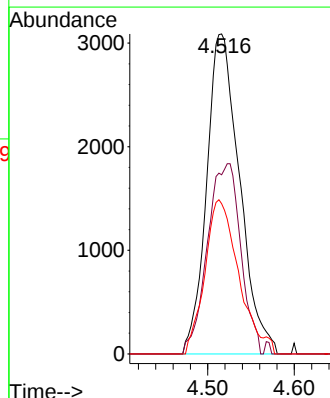
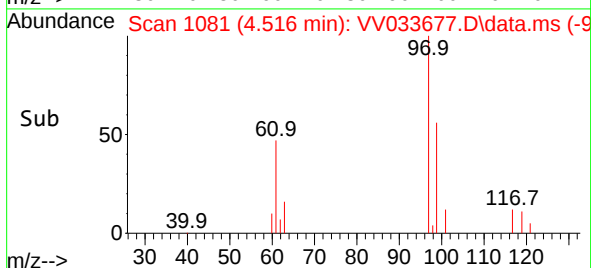
Tgt Ion: 96 Resp: 39065
 Ion Ratio Lower Upper
 96 100
 61 138.3 97.1 180.3
 98 63.6 42.6 79.0

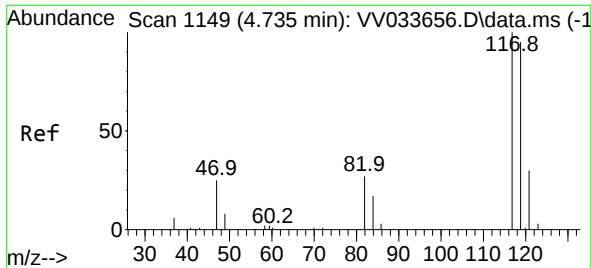


#29
 1,1,1-Trichloroethane
 Concen: 0.542 ug/L
 RT: 4.516 min Scan# 1081
 Delta R.T. 0.003 min
 Lab File: VV033677.D
 Acq: 16 Jan 2024 17:45



Tgt Ion: 97 Resp: 8166
 Ion Ratio Lower Upper
 97 100
 99 60.1 50.8 76.2
 61 49.5 38.1 57.1

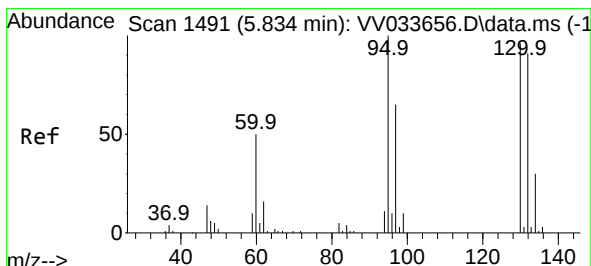
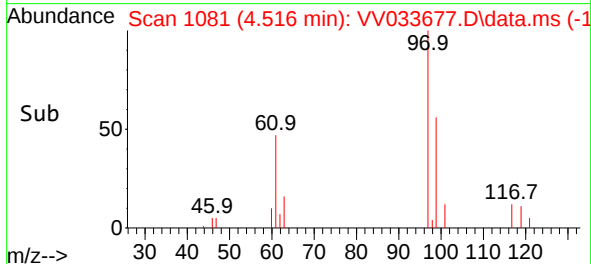
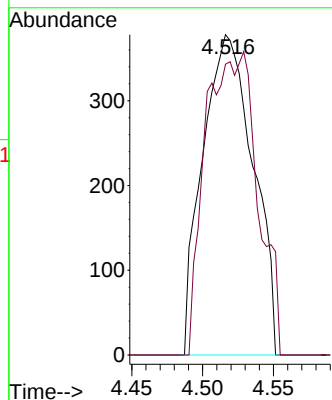
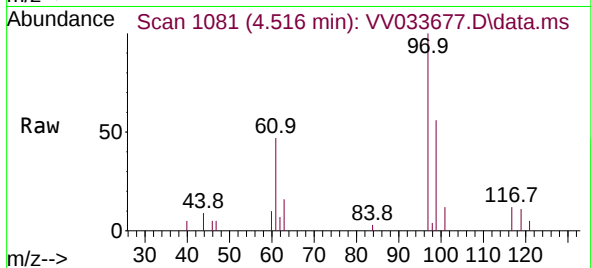




#31
Carbon tetrachloride
Concen: 0.073 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. -0.219 min
Lab File: VV033677.D
Acq: 16 Jan 2024 17:45

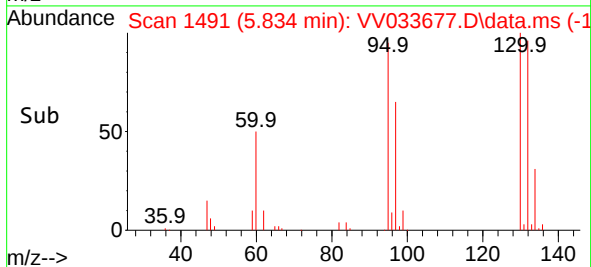
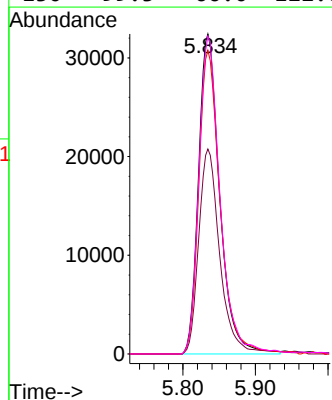
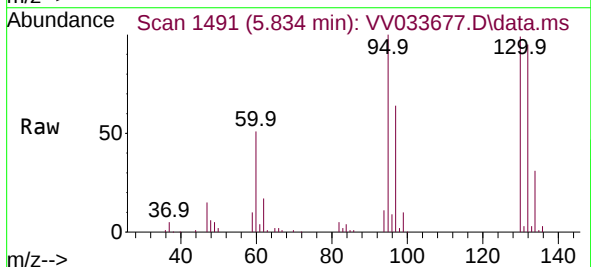
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MSVOA_V
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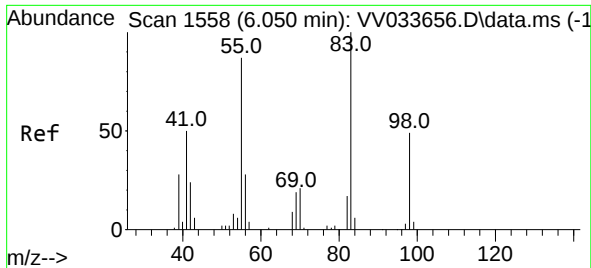
Tgt Ion:117 Resp: 937
Ion Ratio Lower Upper
117 100
119 57.0 78.3 117.5#



#34
Trichloroethene
Concen: 6.541 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV033677.D
Acq: 16 Jan 2024 17:45

Tgt Ion: 95 Resp: 65749
Ion Ratio Lower Upper
95 100
97 64.1 45.1 83.9
132 94.9 65.2 121.2
130 99.3 66.0 122.6

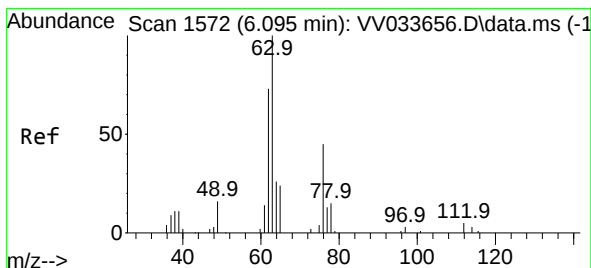
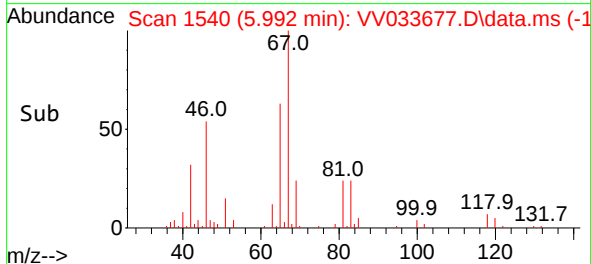
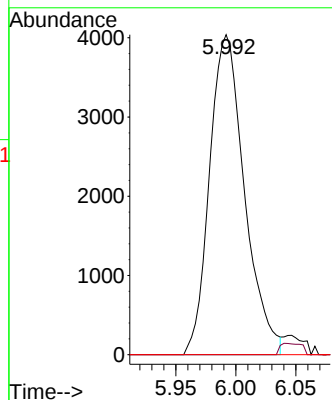
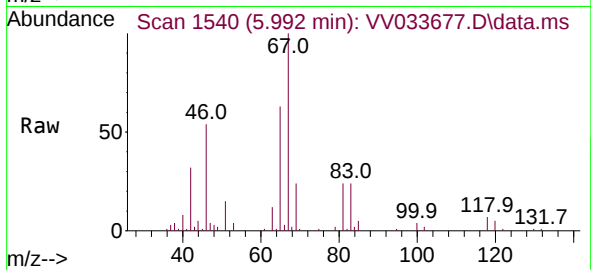




#35
Methylcyclohexane
Concen: 0.481 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV033677.D
Acq: 16 Jan 2024 17:45

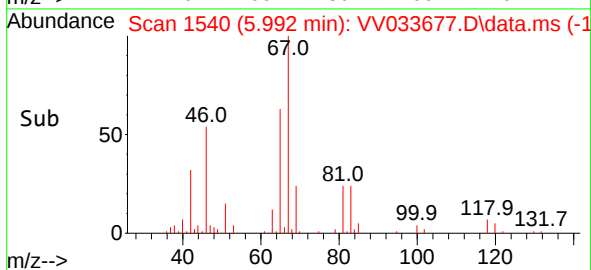
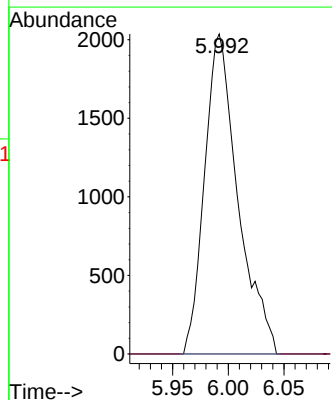
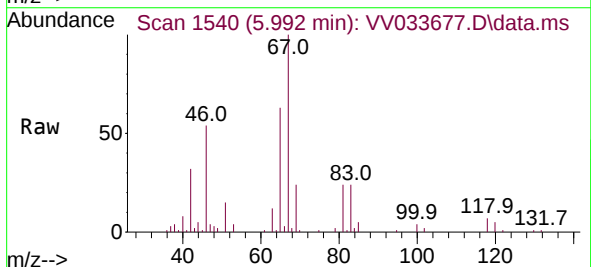
Instrument :
MSVOA_V
ClientSampleId :

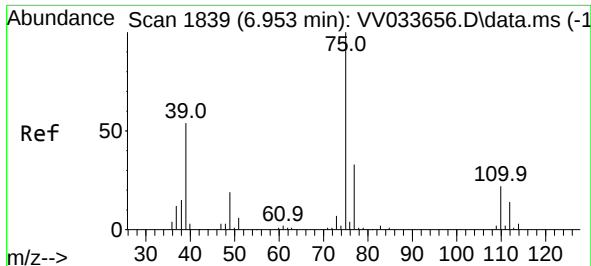
Tgt Ion: 83 Resp: 8182
Ion Ratio Lower Upper
83 100
55 2.2 68.7 103.1#
98 0.0 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.454 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.103 min
Lab File: VV033677.D
Acq: 16 Jan 2024 17:45

Tgt Ion: 63 Resp: 4254
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.064 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.035 min

Lab File: VV033677.D

Acq: 16 Jan 2024 17:45

Instrument :

MSVOA_V

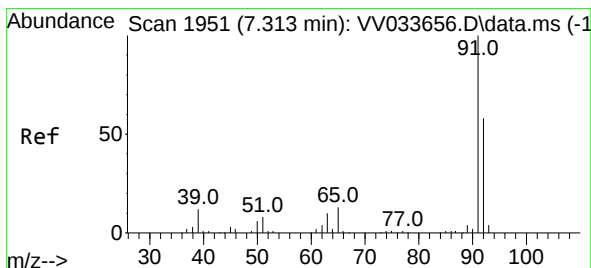
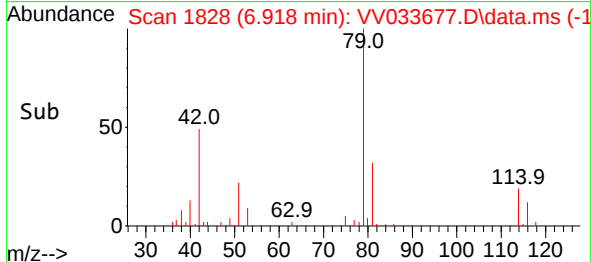
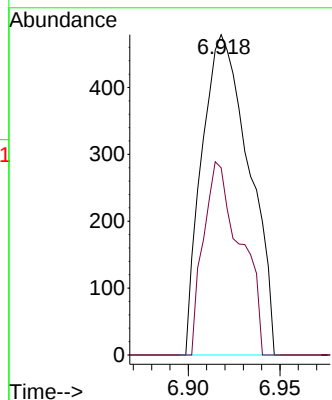
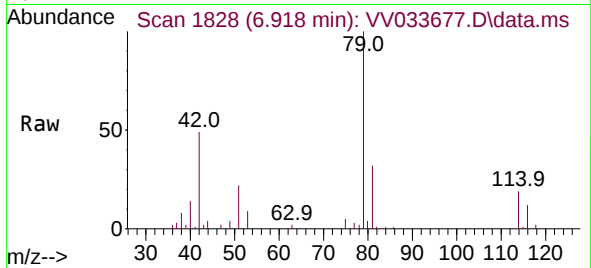
ClientSampleId :

Tgt Ion: 75 Resp: 856

Ion Ratio Lower Upper

75 100

77 58.5 22.5 41.7#



#42

Toluene

Concen: 1.015 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.010 min

Lab File: VV033677.D

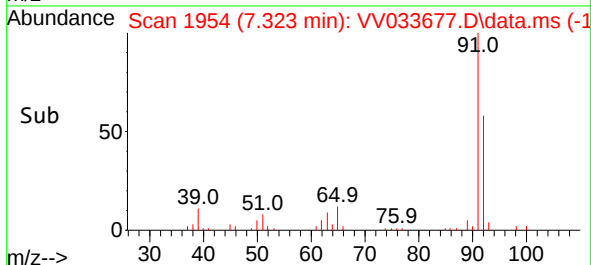
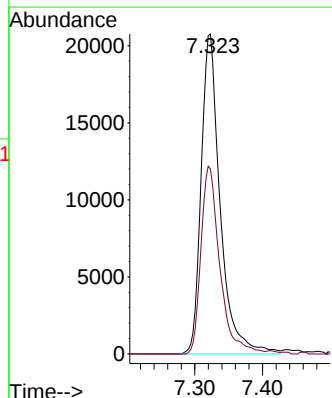
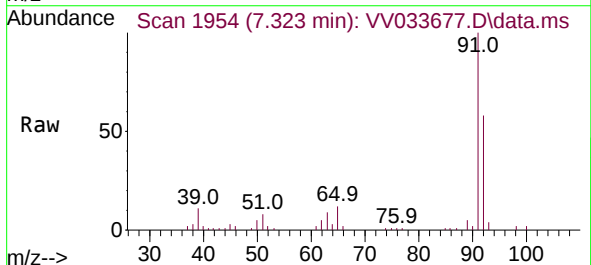
Acq: 16 Jan 2024 17:45

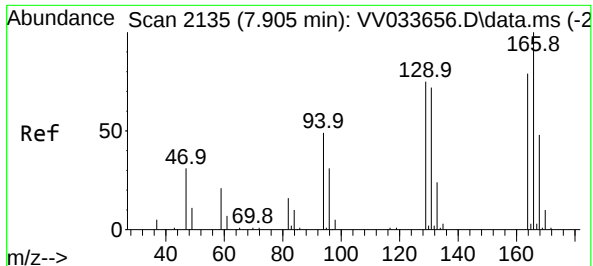
Tgt Ion: 91 Resp: 40519

Ion Ratio Lower Upper

91 100

92 57.7 40.5 75.3





#47

Tetrachloroethene

Concen: 0.436 ug/L

RT: 7.911 min Scan# 2135

Delta R.T. 0.006 min

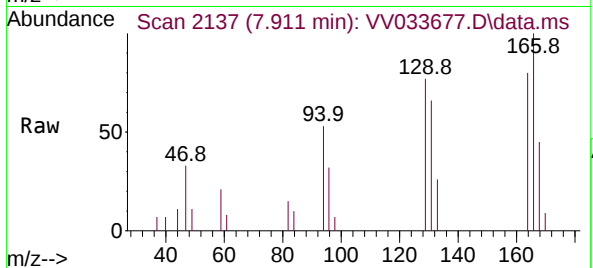
Lab File: VV033677.D

Acq: 16 Jan 2024 17:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 3146

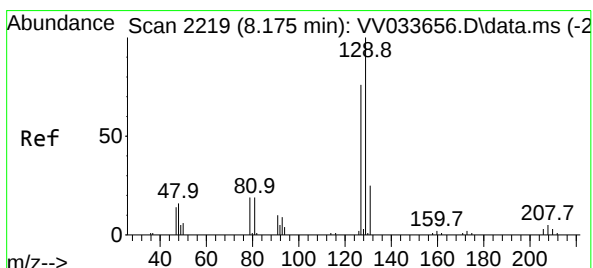
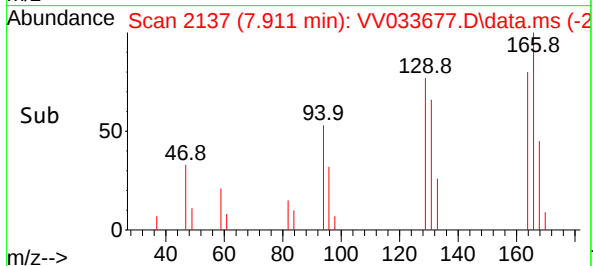
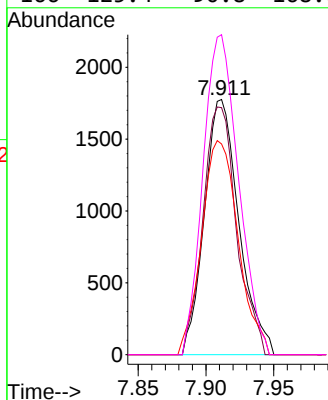
Ion Ratio Lower Upper

164 100

129 96.8 67.1 124.7

131 82.5 65.0 120.6

166 125.4 90.8 168.6



#49

Dibromochloromethane

Concen: 0.459 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.267 min

Lab File: VV033677.D

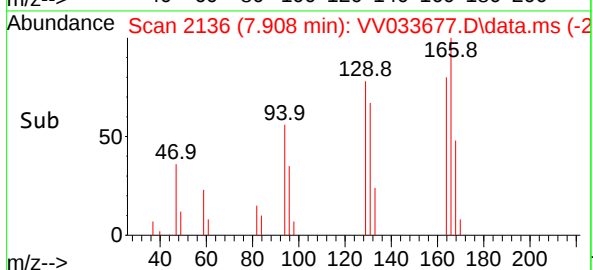
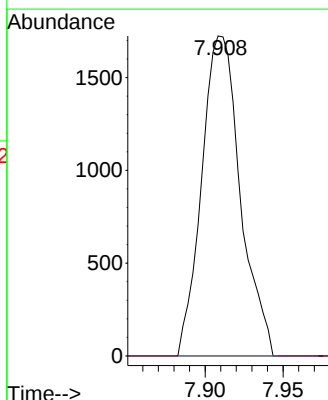
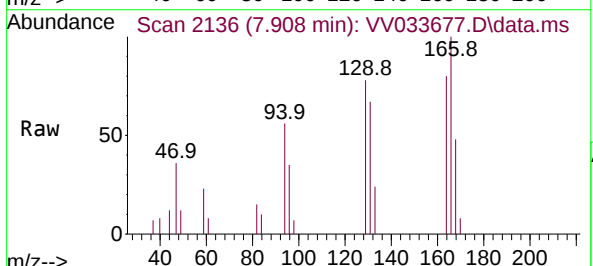
Acq: 16 Jan 2024 17:45

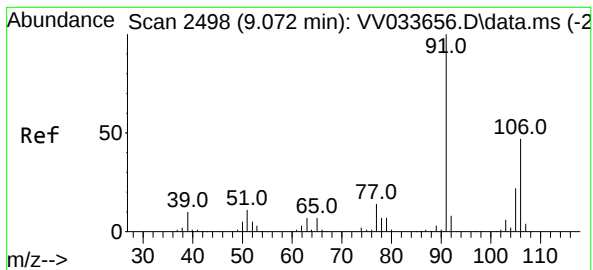
Tgt Ion:129 Resp: 2980

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#





#53

m,p-Xylene

Concen: 0.105 ug/L

RT: 9.082 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV033677.D

Acq: 16 Jan 2024 17:45

Instrument :

MSVOA_V

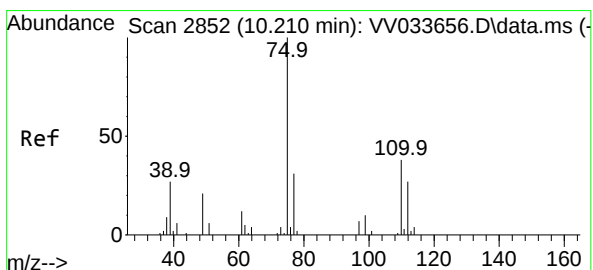
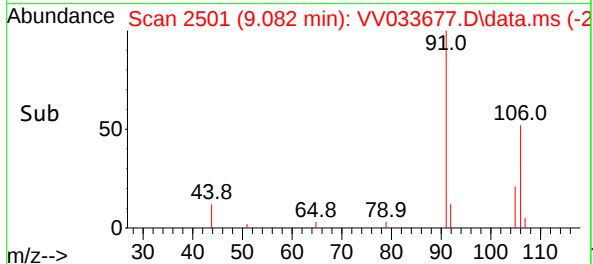
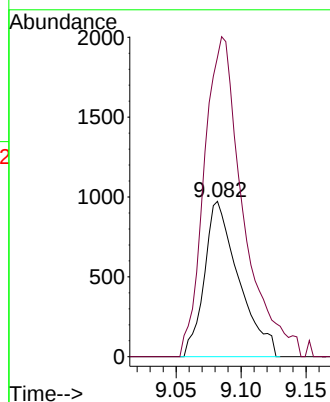
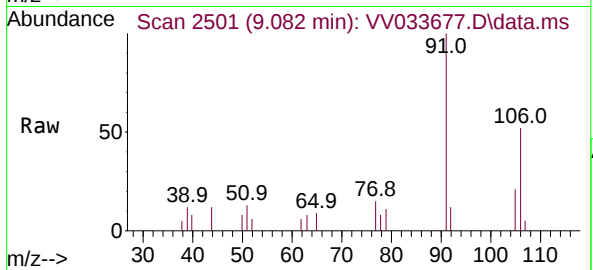
ClientSampleId :

Tgt Ion:106 Resp: 1788

Ion Ratio Lower Upper

106 100

91 192.8 146.2 271.4



#61

1,2,3-Trichloropropane

Concen: 1.606 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV033677.D

Acq: 16 Jan 2024 17:45

Tgt Ion: 75 Resp: 6921

Ion Ratio Lower Upper

75 100

77 35.9 24.7 37.1

110 0.0 28.0 42.0#

