

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020524\
 Data File : VW033994.D
 Acq On : 05 Feb 2024 17:38
 Operator : SY/MD
 Sample : P1289-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 06 05:16:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 06 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	85128	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	83475	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	43364	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24532	3.721	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.532	69	22347	3.870	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.060	65	12661	3.982	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	3.802	46	47200	42.627	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.260%
24) Chloroform-d	4.253	84	52815	4.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	4.947	65	24232	4.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	4.963	84	93640	3.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	5.992	67	26884	3.840	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.246	98	92196	4.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.558	79	9902	3.746	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.027	63	44412	47.063	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.120%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18194	4.287	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	32793	4.158	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1693	0.199	ug/L	95
5) Vinyl chloride	1.285	62	676	0.083	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	1500	0.245	ug/L #	27
12) 1,1-Dichloroethene	2.069	96	525369	88.342	ug/L #	70
13) Acetone	2.127	43	1378	1.640	ug/L #	72
19) 1,1-Dichloroethane	3.111	63	653344	58.700	ug/L	97
27) 1,2-Dichloroethane	5.069	62	1139	0.177	ug/L #	76
29) 1,1,1-Trichloroethane	4.523	97	12663857	1129.977	ug/L	97
31) Carbon tetrachloride	4.523	117	1594860	162.638	ug/L	98
34) Trichloroethene	5.838	95	17715	2.445	ug/L	96
35) Methylcyclohexane	5.992	83	6443	0.566	ug/L #	18
37) 1,2-Dichloropropane	5.995	63	3400	0.561	ug/L #	87
39) cis-1,3-Dichloropropene	6.915	75	875	0.095	ug/L #	80
47) Tetrachloroethene	7.908	164	2311	0.393	ug/L	93
49) Dibromochloromethane	7.912	129	2255	0.507	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	5288	1.774	ug/L #	65

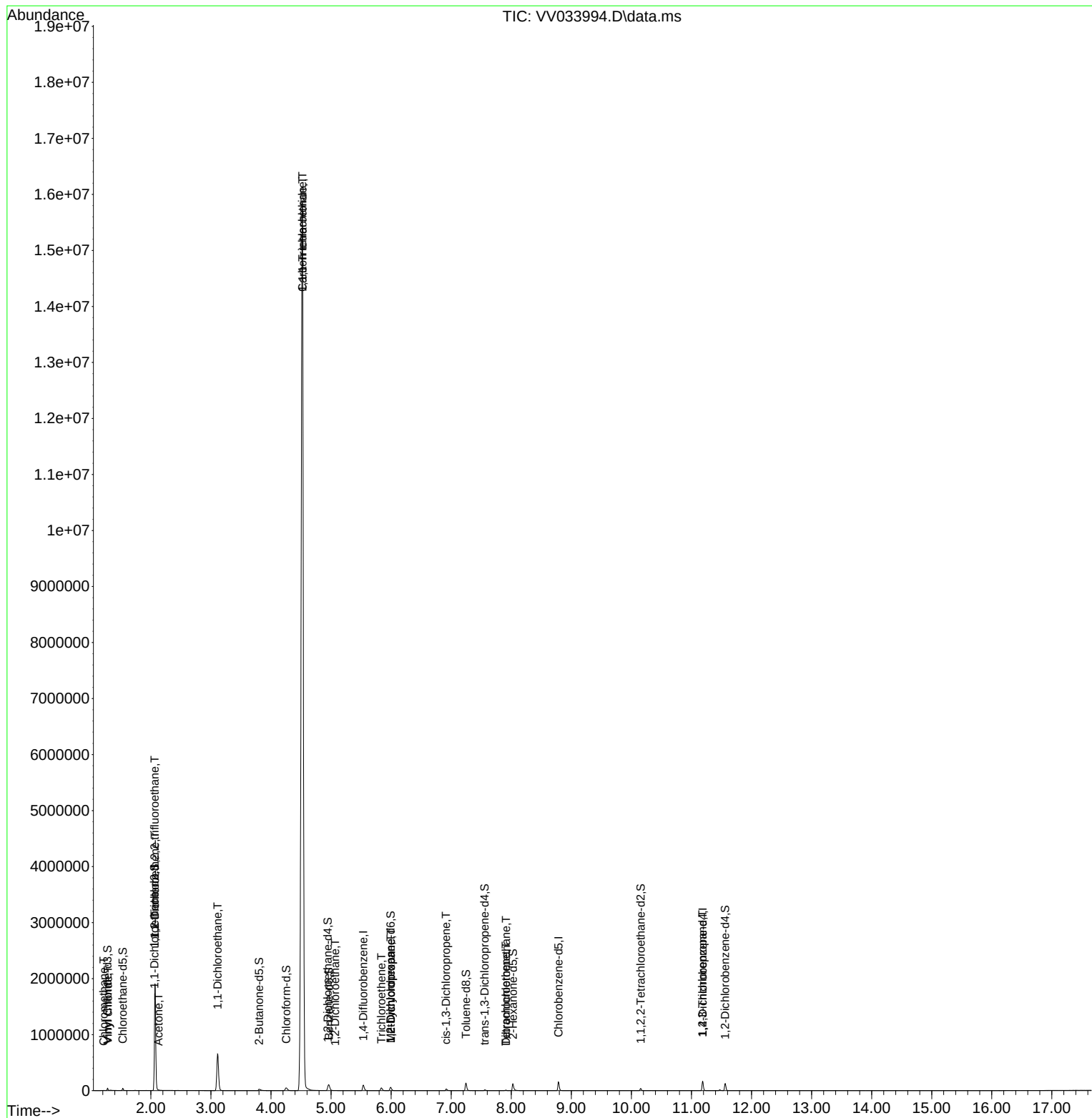
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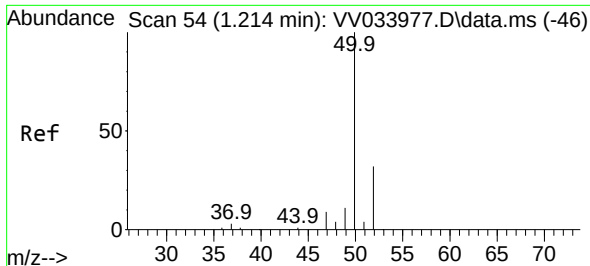
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020524\
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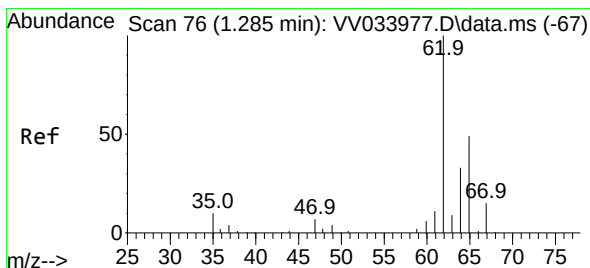
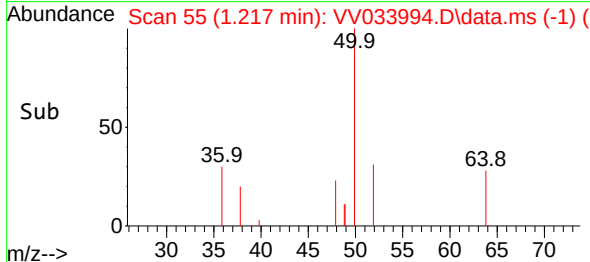
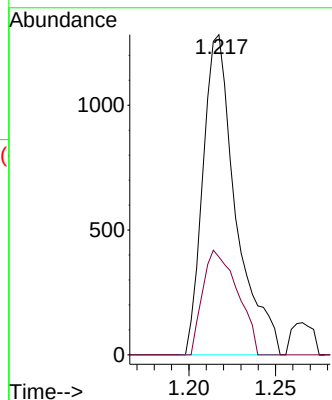
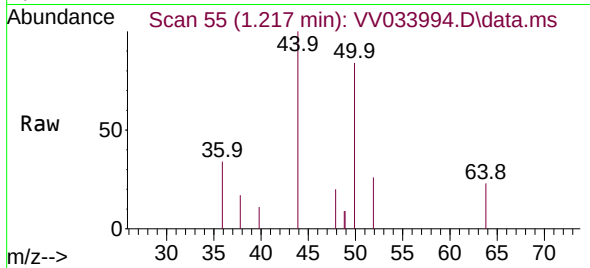




#3
Chloromethane
Concen: 0.199 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV033994.D
Acq: 05 Feb 2024 17:38

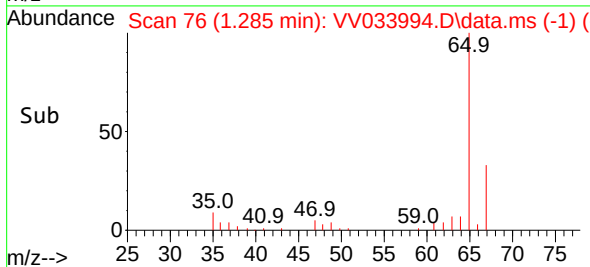
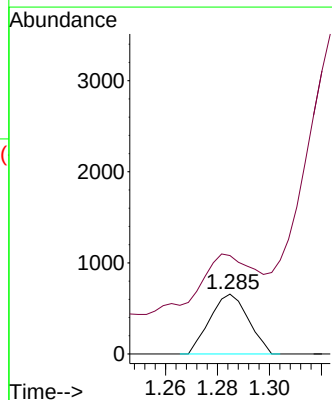
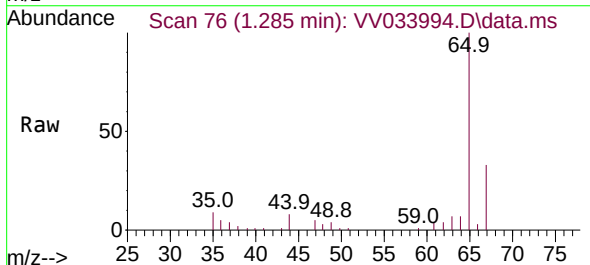
Instrument :
MSVOA_V
ClientSampleId :

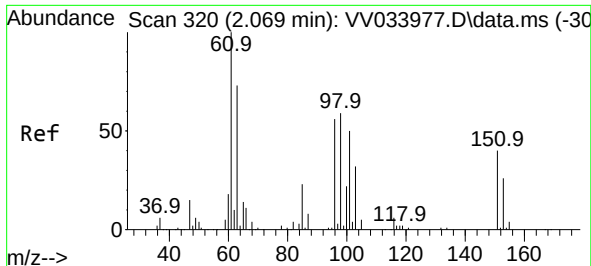
Tgt Ion: 50 Resp: 1693
Ion Ratio Lower Upper
50 100
52 30.6 23.4 43.4



#5
Vinyl chloride
Concen: 0.083 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.000 min
Lab File: VV033994.D
Acq: 05 Feb 2024 17:38

Tgt Ion: 62 Resp: 676
Ion Ratio Lower Upper
62 100
64 164.3 27.2 50.4#

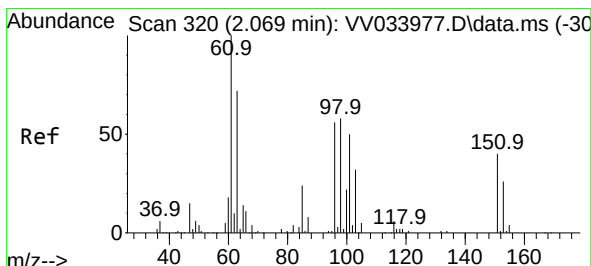
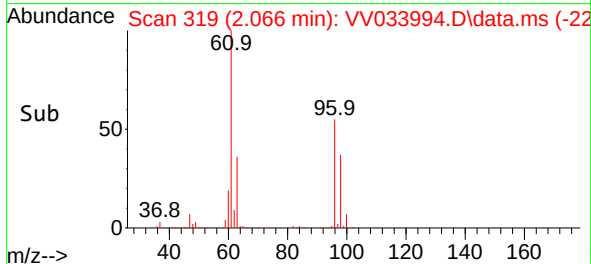
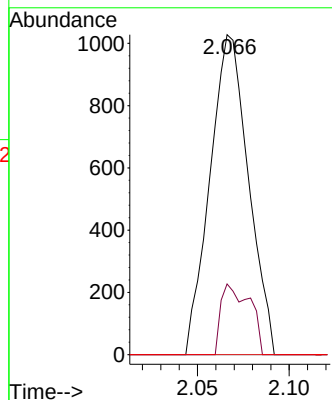
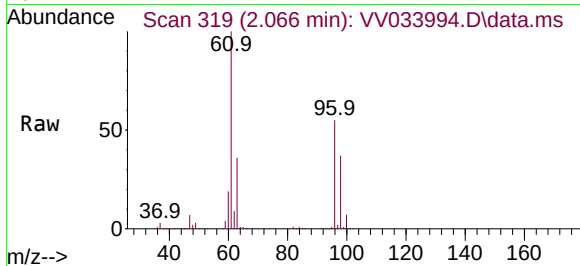




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.245 ug/L
 RT: 2.066 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV033994.D
 Acq: 05 Feb 2024 17:38

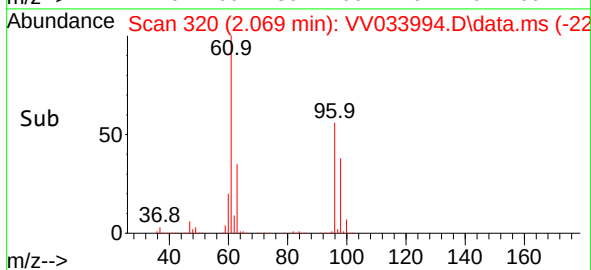
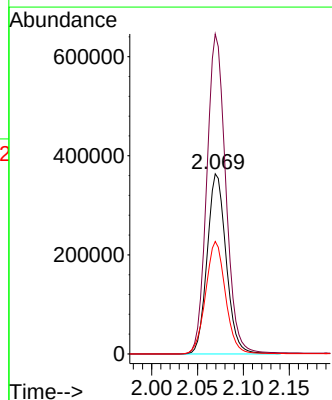
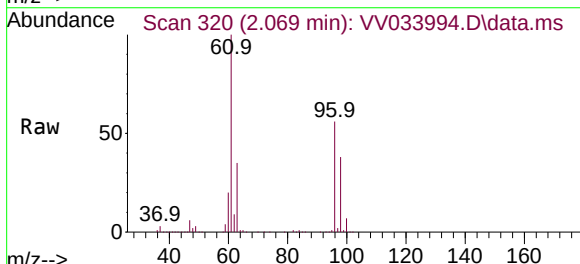
Instrument :
 MSVOA_V
 ClientSampleId :

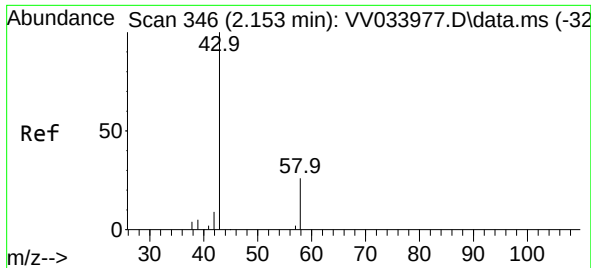
Tgt Ion:101 Resp: 1500
 Ion Ratio Lower Upper
 101 100
 85 16.4 37.1 55.7#
 151 0.0 61.7 92.5#



#12
 1,1-Dichloroethene
 Concen: 88.342 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV033994.D
 Acq: 05 Feb 2024 17:38

Tgt Ion: 96 Resp: 525369
 Ion Ratio Lower Upper
 96 100
 61 177.6 128.8 239.2
 63 62.5 97.9 181.9#





#13

Acetone

Concen: 1.640 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.026 min

Lab File: VV033994.D

Acq: 05 Feb 2024 17:38

Instrument :

MSVOA_V

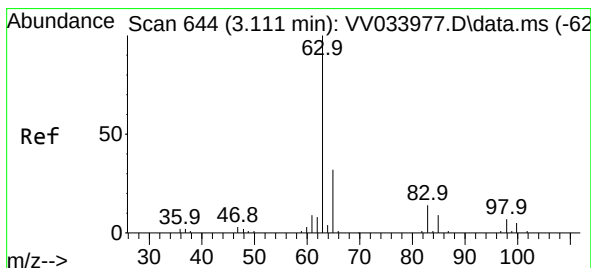
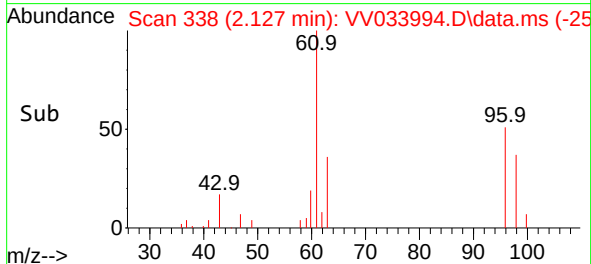
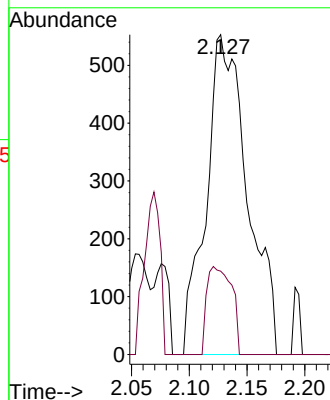
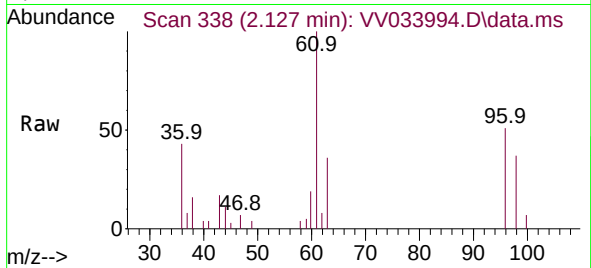
ClientSampleId :

Tgt Ion: 43 Resp: 1378

Ion Ratio Lower Upper

43 100

58 16.4 0.0 13.8#



#19

1,1-Dichloroethane

Concen: 58.700 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.000 min

Lab File: VV033994.D

Acq: 05 Feb 2024 17:38

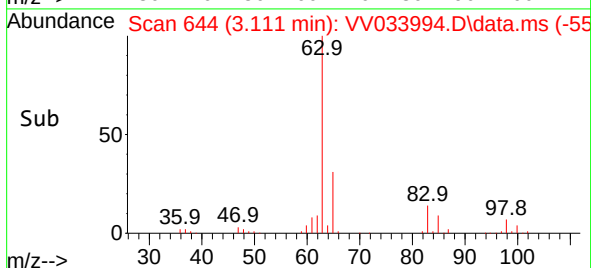
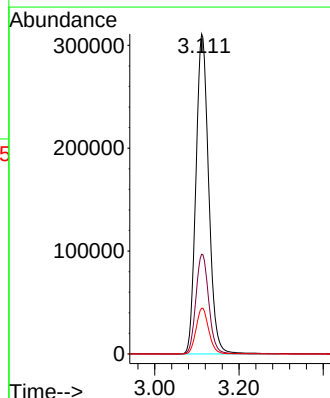
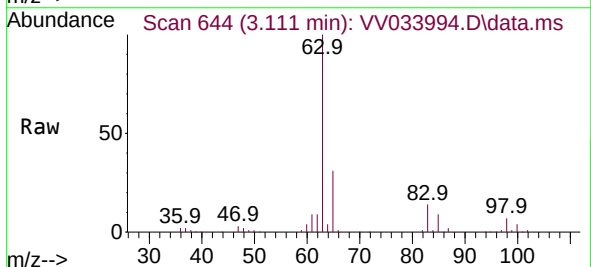
Tgt Ion: 63 Resp: 653344

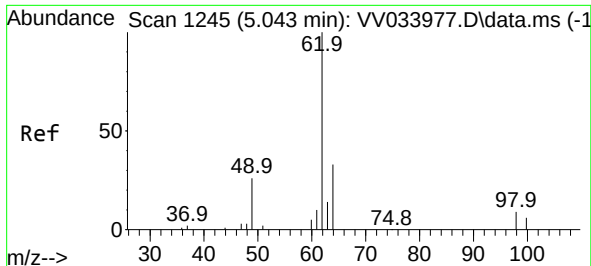
Ion Ratio Lower Upper

63 100

65 31.2 20.8 38.6

83 14.3 9.4 17.4





#27

1,2-Dichloroethane

Concen: 0.177 ug/L

RT: 5.069 min Scan# 11

Delta R.T. 0.026 min

Lab File: VV033994.D

Acq: 05 Feb 2024 17:38

Instrument :

MSVOA_V

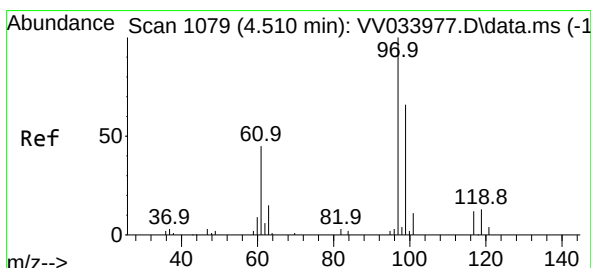
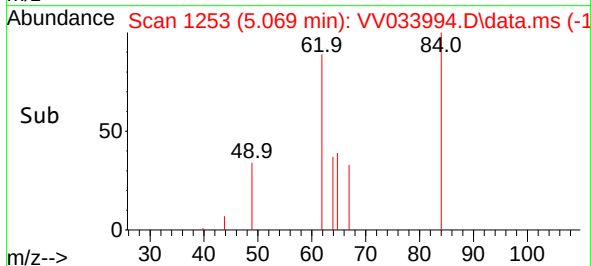
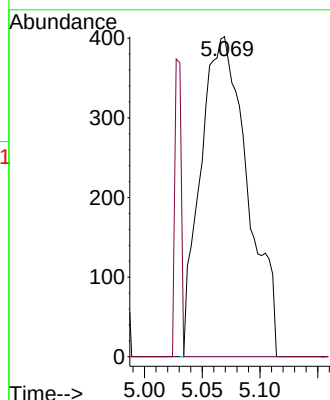
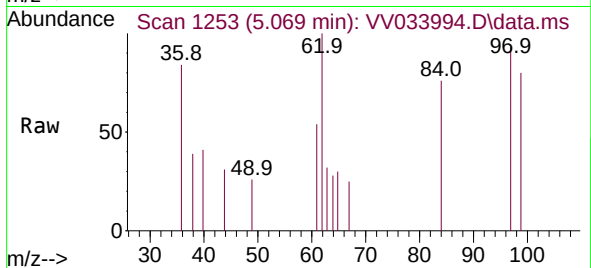
ClientSampleId :

Tgt Ion: 62 Resp: 1139

Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#



#29

1,1,1-Trichloroethane

Concen: 1129.977 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.013 min

Lab File: VV033994.D

Acq: 05 Feb 2024 17:38

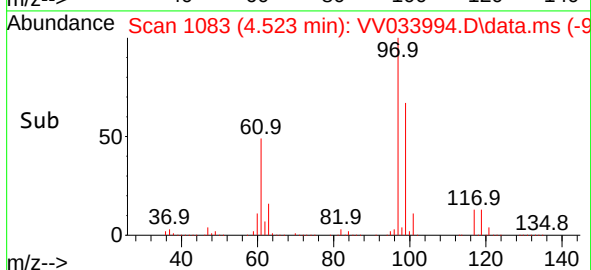
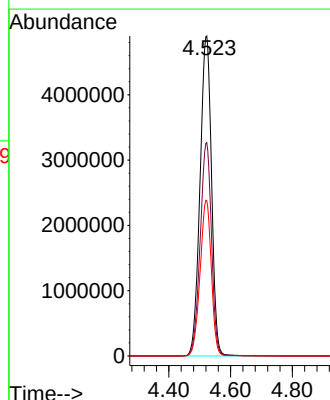
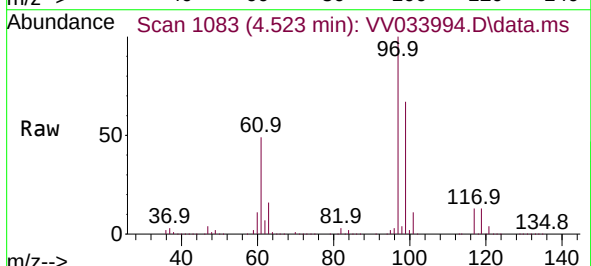
Tgt Ion: 97 Resp:12663857

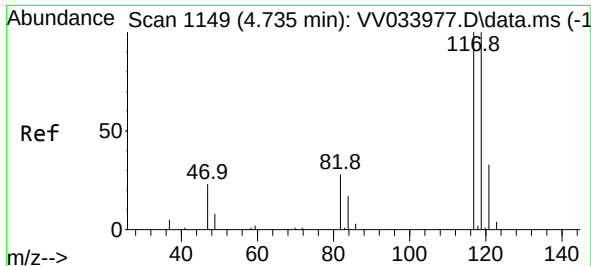
Ion Ratio Lower Upper

97 100

99 65.7 50.6 75.8

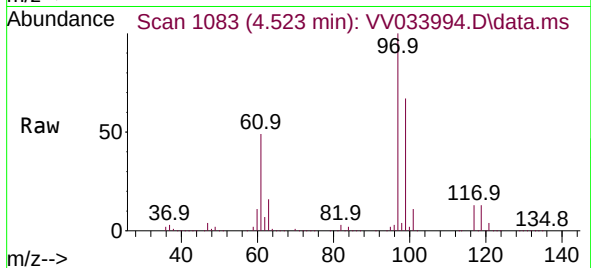
61 47.6 36.8 55.2



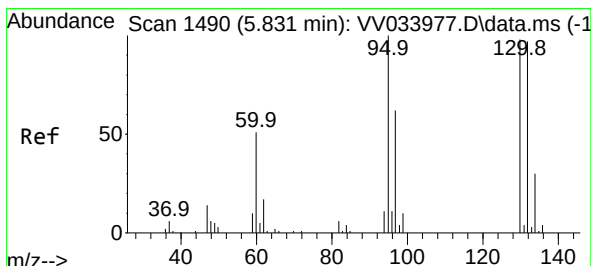
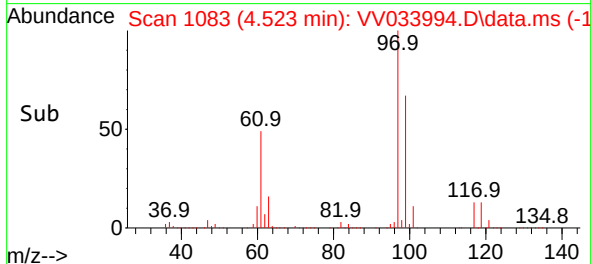
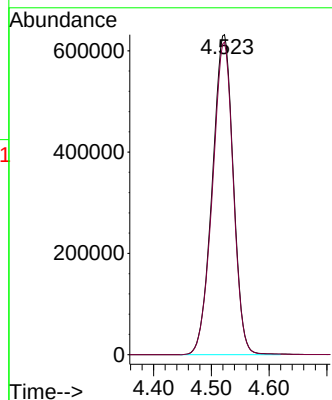


#31
Carbon tetrachloride
Concen: 162.638 ug/L
RT: 4.523 min Scan# 1149
Delta R.T. -0.212 min
Lab File: VV033994.D
Acq: 05 Feb 2024 17:38

Instrument :
MSVOA_V
ClientSampleId :

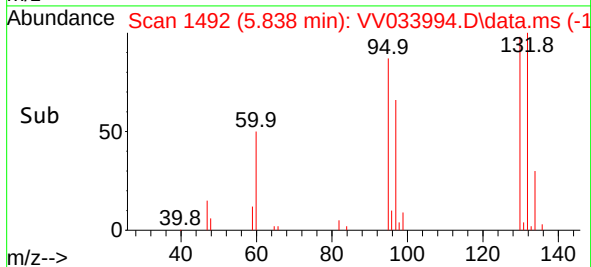
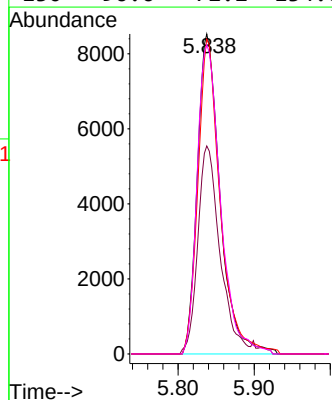
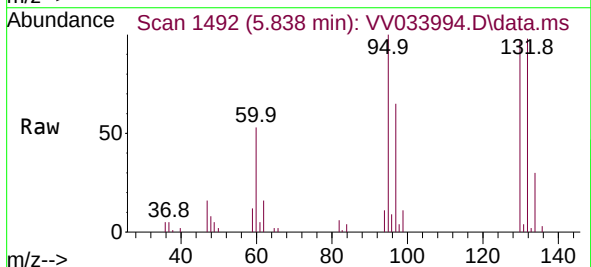


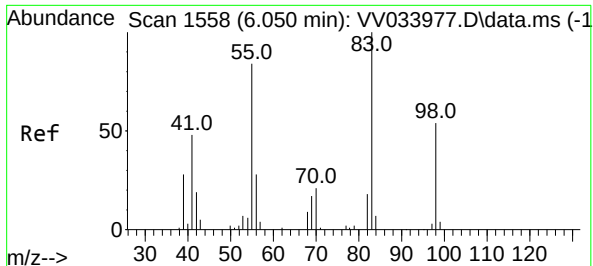
Tgt Ion:117 Resp: 1594860
Ion Ratio Lower Upper
117 100
119 96.9 76.1 114.1



#34
Trichloroethene
Concen: 2.445 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV033994.D
Acq: 05 Feb 2024 17:38

Tgt Ion: 95 Resp: 17715
Ion Ratio Lower Upper
95 100
97 65.0 45.1 83.7
132 98.4 66.0 122.6
130 96.6 72.2 134.0

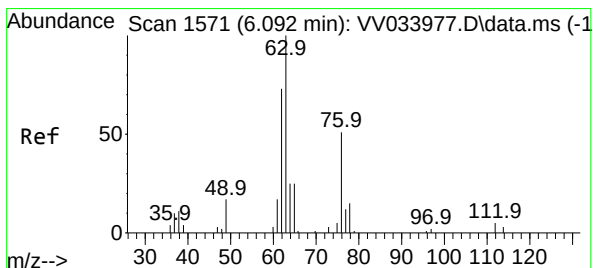
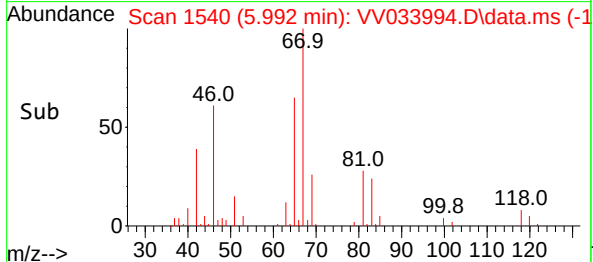
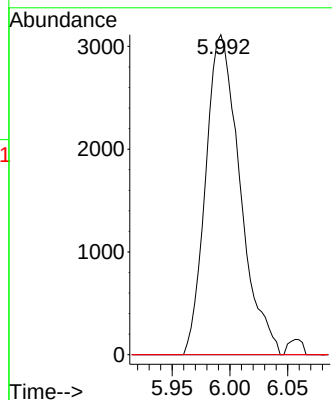
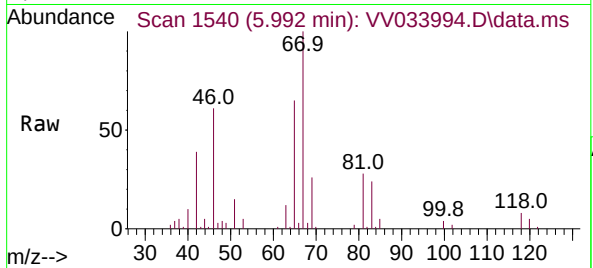




#35
Methylcyclohexane
Concen: 0.566 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV033994.D
Acq: 05 Feb 2024 17:38

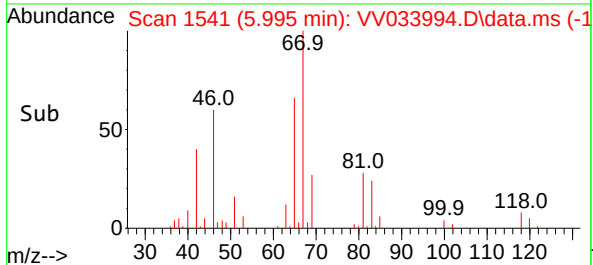
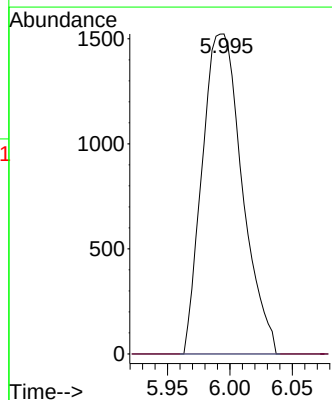
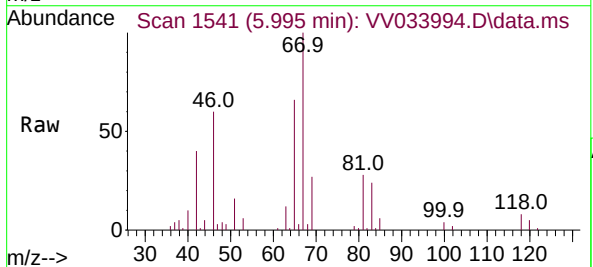
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MSVOA_V
ClientSampleId :

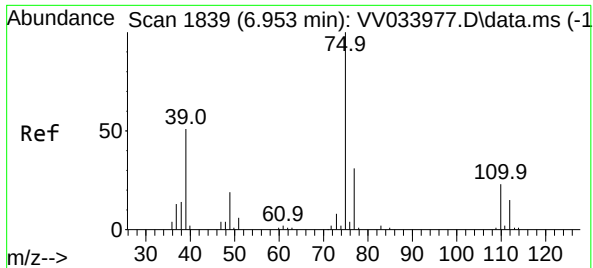
Tgt Ion: 83 Resp: 6443
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 2.5 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.561 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.096 min
Lab File: VV033994.D
Acq: 05 Feb 2024 17:38

Tgt Ion: 63 Resp: 3400
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV033994.D

Acq: 05 Feb 2024 17:38

Instrument :

MSVOA_V

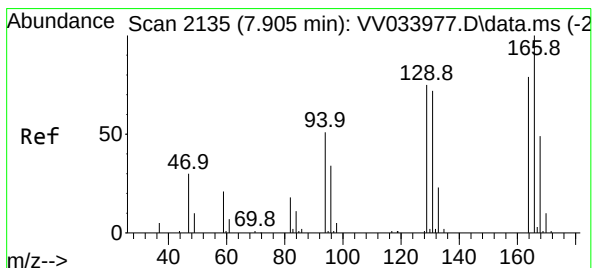
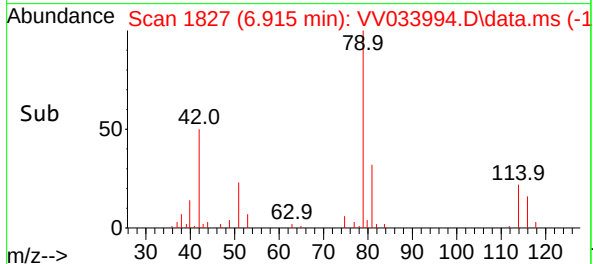
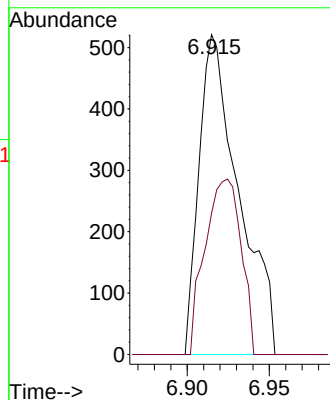
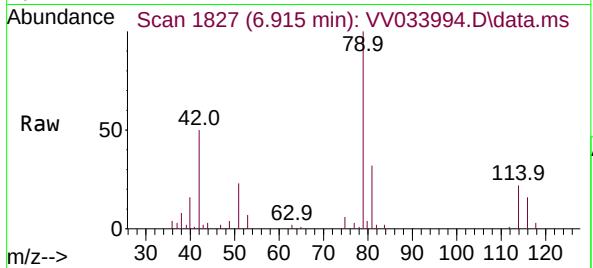
ClientSampleId :

Tgt Ion: 75 Resp: 875

Ion Ratio Lower Upper

75 100

77 44.1 22.9 42.5#



#47

Tetrachloroethene

Concen: 0.393 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV033994.D

Acq: 05 Feb 2024 17:38

Tgt Ion: 164 Resp: 2311

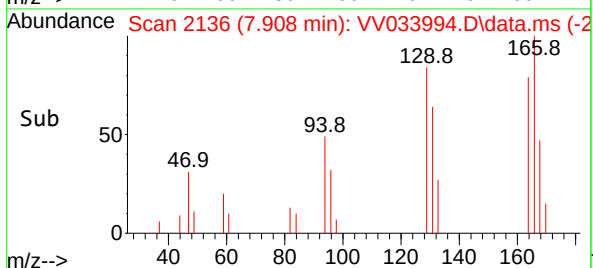
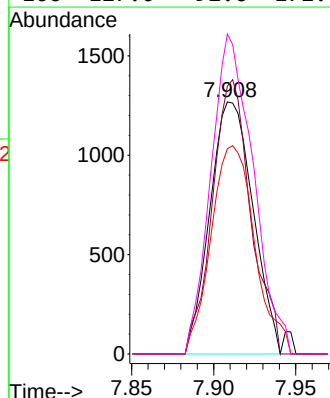
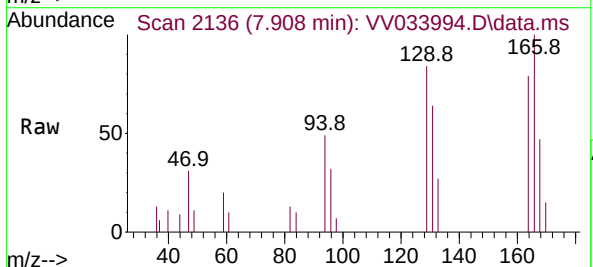
Ion Ratio Lower Upper

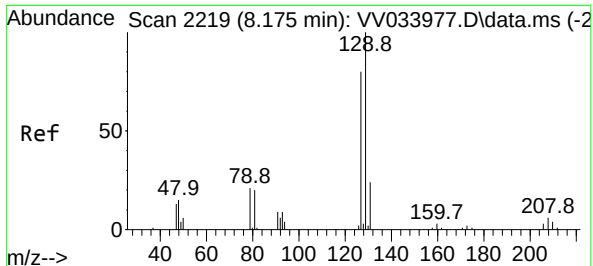
164 100

129 106.3 67.8 125.8

131 81.5 63.0 117.0

166 127.0 92.6 172.0





#49

Dibromochloromethane

Concen: 0.507 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. -0.264 min

Lab File: VV033994.D

Acq: 05 Feb 2024 17:38

Instrument :

MSVOA_V

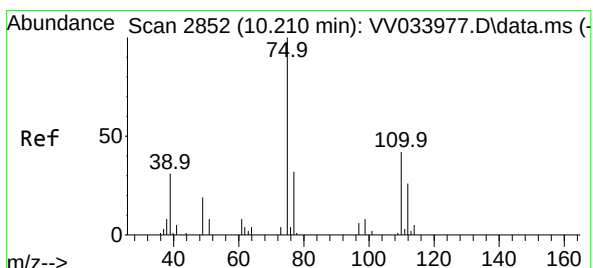
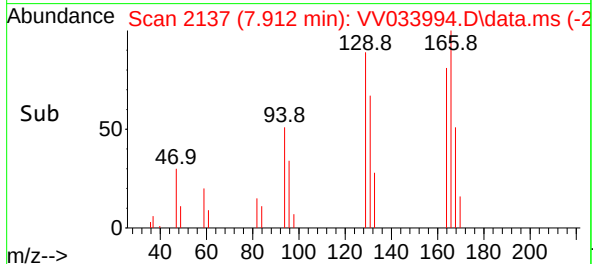
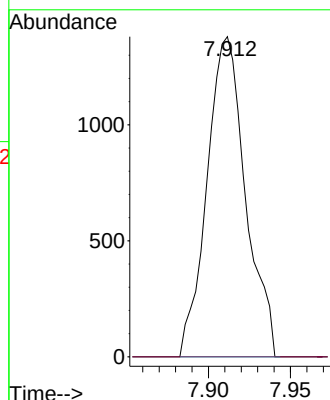
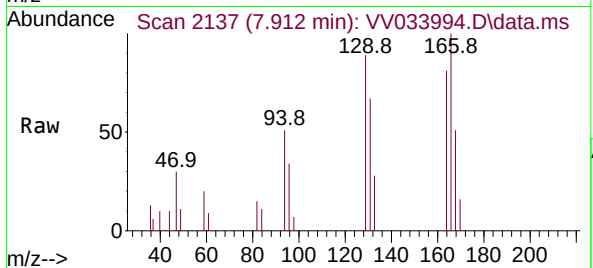
ClientSampleId :

Tgt Ion:129 Resp: 2255

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.774 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV033994.D

Acq: 05 Feb 2024 17:38

Tgt Ion: 75 Resp: 5288

Ion Ratio Lower Upper

75 100

77 33.9 26.9 40.3

110 2.4 33.3 49.9#

