

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041223\
 Data File : VW030519.D
 Acq On : 12 Apr 2023 15:45
 Operator : SY/MD
 Sample : 02254-06DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

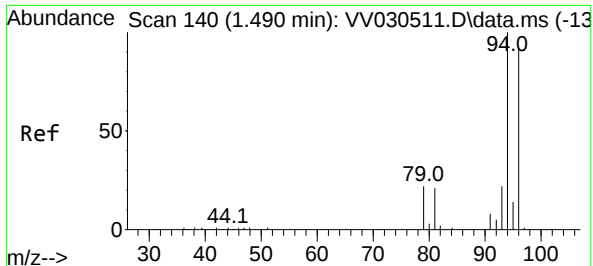
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA8DL

Quant Time: Apr 13 02:49:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 13 02:44:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	109254	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	108675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	51464	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	28538	3.944	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.535	69	26640	3.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.063	63	72147	4.202	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	3.841	46	68620	36.690	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.380%
24) Chloroform-d	4.259	84	72620	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	4.956	65	38185	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	4.969	84	128909	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.001	67	41473	4.326	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.252	98	112005	3.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	7.564	79	14590	4.042	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.040	63	59023	40.691	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.380%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	31503	4.169	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	44662	4.855	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
6) Bromomethane	1.494	94	392	0.108	ug/L	87
12) 1,1-Dichloroethene	2.072	96	34292	3.757	ug/L	97
19) 1,1-Dichloroethane	3.117	63	98860	5.303	ug/L	98
29) 1,1,1-Trichloroethane	4.522	97	39768	2.277	ug/L	99
31) Carbon tetrachloride	4.522	117	5041	0.318	ug/L	97
34) Trichloroethene	5.850	95	1941	0.186	ug/L	93
35) Methylcyclohexane	5.998	83	10880	0.666	ug/L #	16
37) 1,2-Dichloropropane	5.998	63	5105	0.515	ug/L #	85
39) cis-1,3-Dichloropropene	6.921	75	1197	0.086	ug/L #	52
61) 1,2,3-Trichloropropane	11.194	75	6127	1.332	ug/L #	63

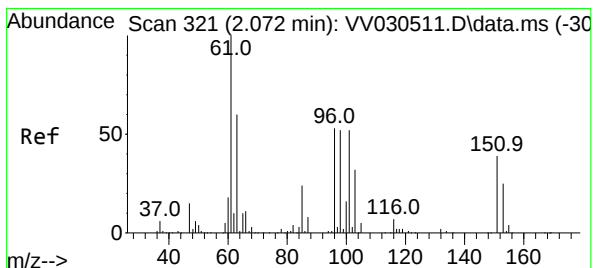
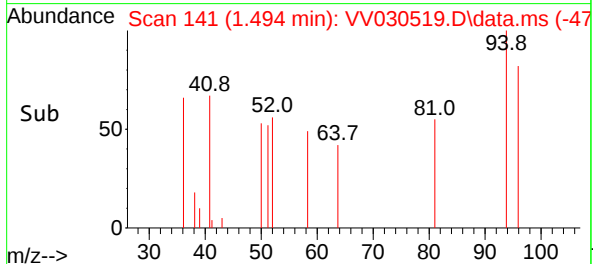
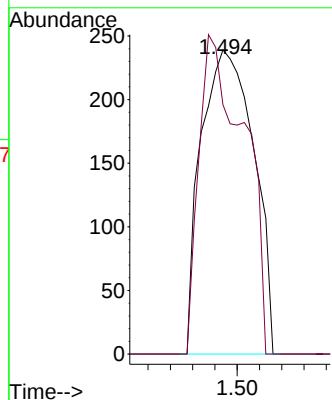
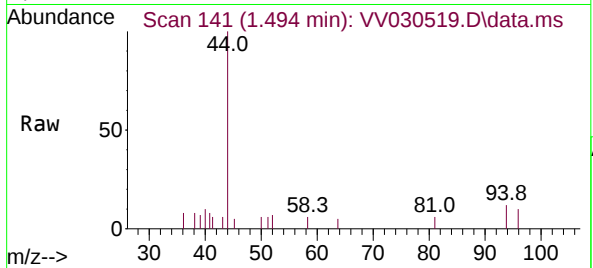
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6
Bromomethane
Concen: 0.108 ug/L
RT: 1.494 min Scan# 140
Delta R.T. 0.003 min
Lab File: VV030519.D
Acq: 12 Apr 2023 15:45

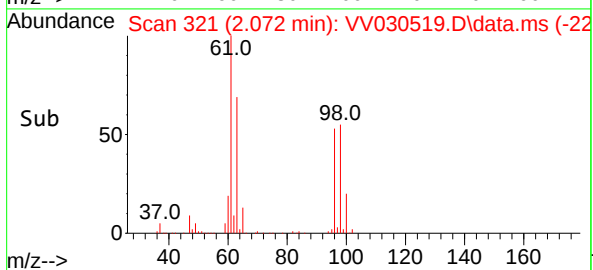
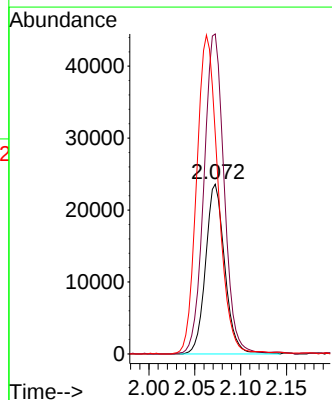
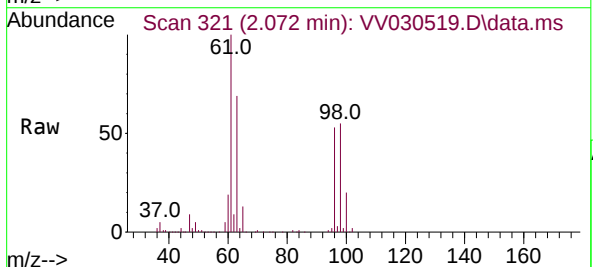
Instrument :
MSVOA_V
ClientSampleId :
C0AA8DL

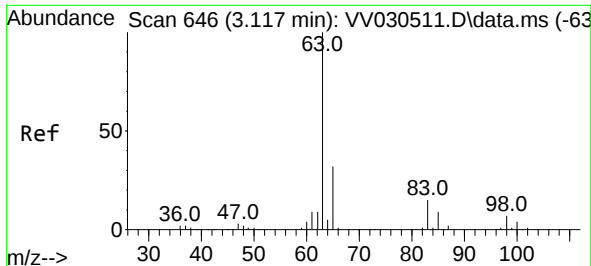
Tgt Ion: 94 Resp: 392
Ion Ratio Lower Upper
94 100
96 82.0 66.1 122.7



#12
1,1-Dichloroethene
Concen: 3.757 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV030519.D
Acq: 12 Apr 2023 15:45

Tgt Ion: 96 Resp: 34292
Ion Ratio Lower Upper
96 100
61 188.5 136.3 253.1
63 129.8 92.1 171.1





#19

1,1-Dichloroethane

Concen: 5.303 ug/L

RT: 3.117 min Scan# 646

Delta R.T. -0.000 min

Lab File: VV030519.D

Acq: 12 Apr 2023 15:45

Instrument :

MSVOA_V

ClientSampleId :

C0AA8DL

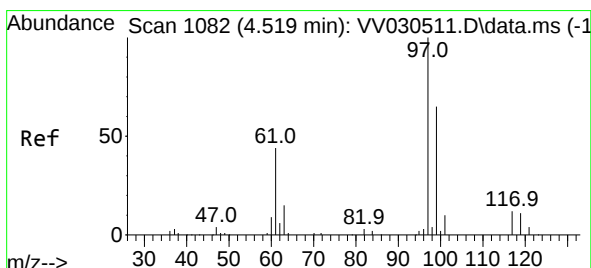
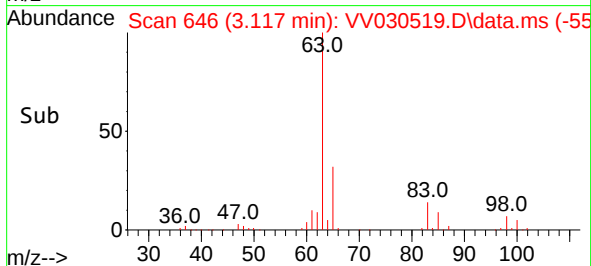
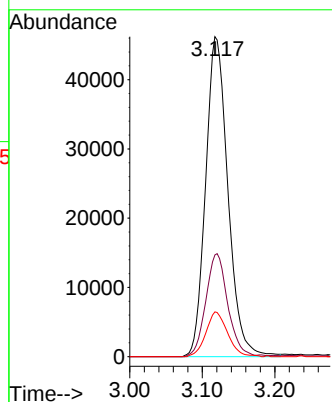
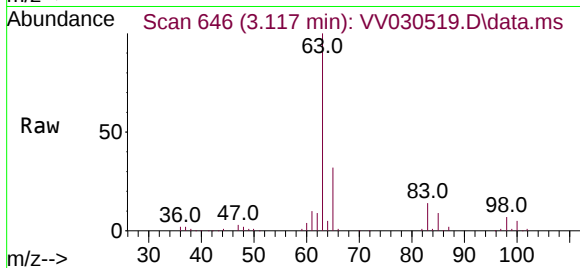
Tgt Ion: 63 Resp: 98860

Ion Ratio Lower Upper

63 100

65 31.8 21.7 40.3

83 14.0 9.1 16.9



#29

1,1,1-Trichloroethane

Concen: 2.277 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030519.D

Acq: 12 Apr 2023 15:45

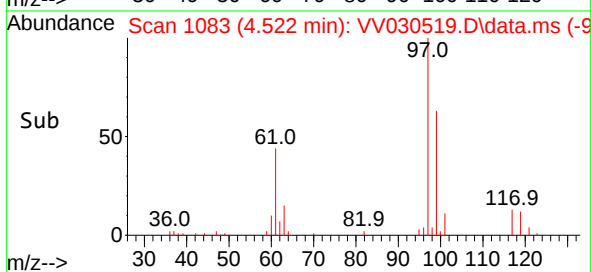
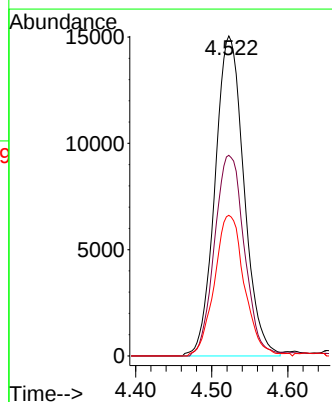
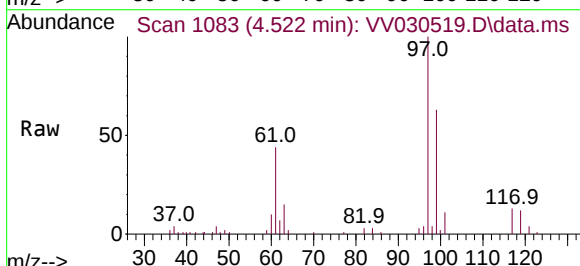
Tgt Ion: 97 Resp: 39768

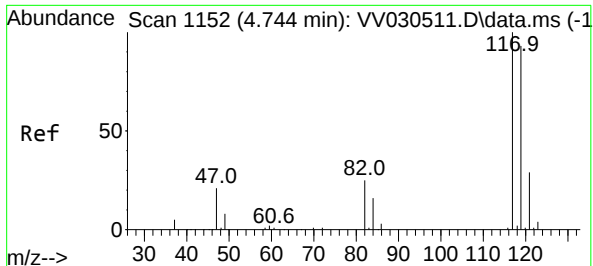
Ion Ratio Lower Upper

97 100

99 64.8 50.9 76.3

61 45.3 35.9 53.9

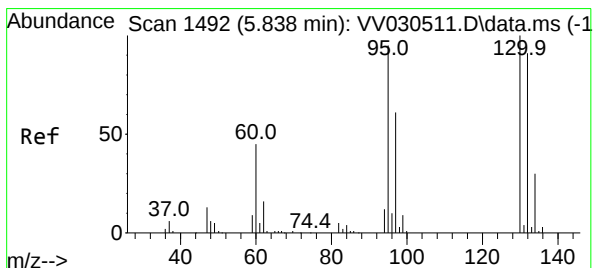
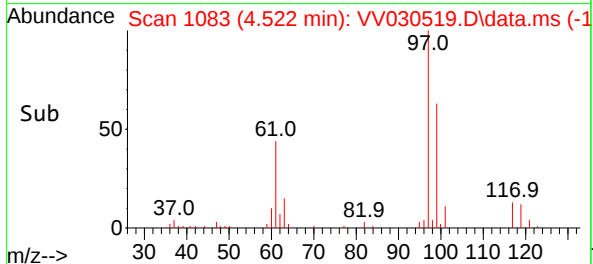
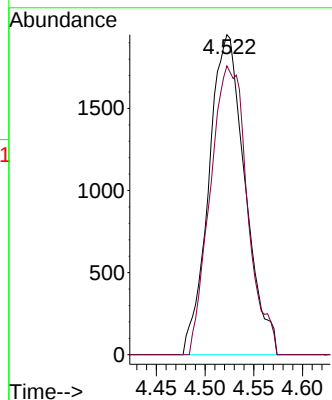
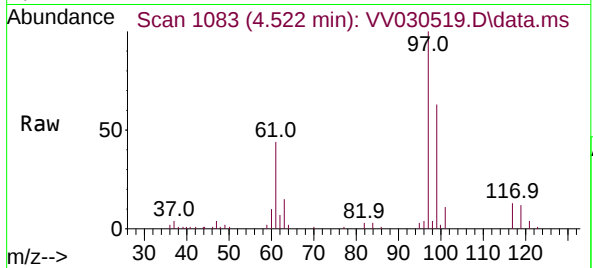




#31
Carbon tetrachloride
Concen: 0.318 ug/L
RT: 4.522 min Scan# 1083
Delta R.T. -0.222 min
Lab File: VV030519.D
Acq: 12 Apr 2023 15:45

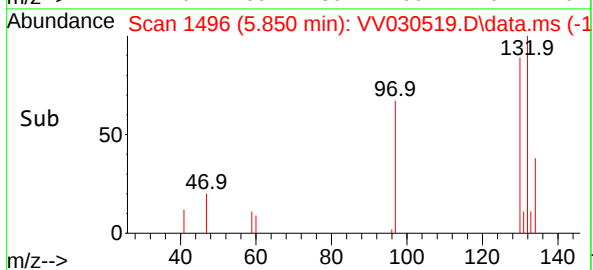
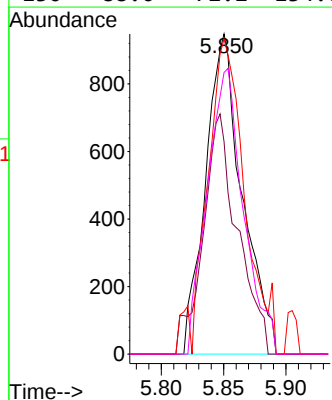
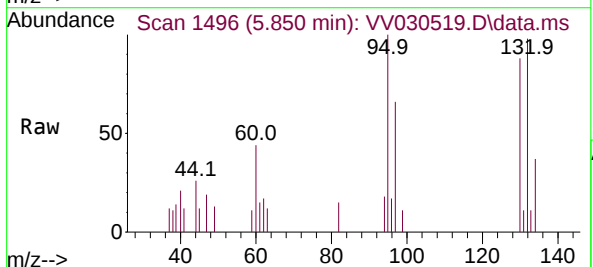
Instrument :
MSVOA_V
ClientSampleId :
C0AA8DL

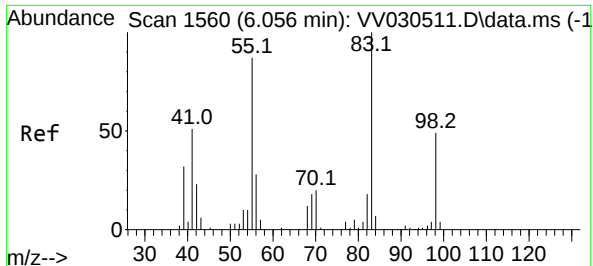
Tgt Ion:117 Resp: 5041
Ion Ratio Lower Upper
117 100
119 92.4 76.2 114.4



#34
Trichloroethene
Concen: 0.186 ug/L
RT: 5.850 min Scan# 1496
Delta R.T. 0.013 min
Lab File: VV030519.D
Acq: 12 Apr 2023 15:45

Tgt Ion: 95 Resp: 1941
Ion Ratio Lower Upper
95 100
97 66.4 44.2 82.2
132 98.4 69.5 129.1
130 88.0 72.2 134.0





#35

Methylcyclohexane

Concen: 0.666 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.058 min

Lab File: VV030519.D

Acq: 12 Apr 2023 15:45

Instrument :

MSVOA_V

ClientSampleId :

C0AA8DL

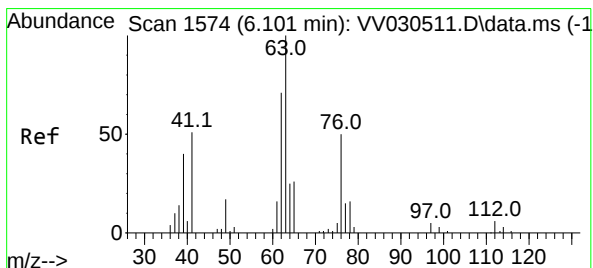
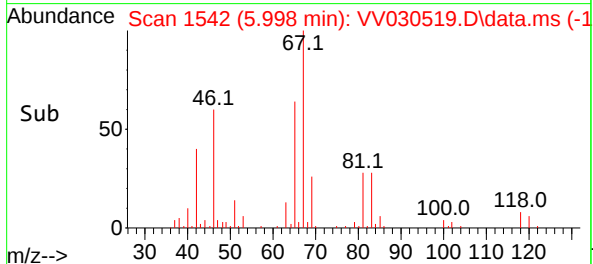
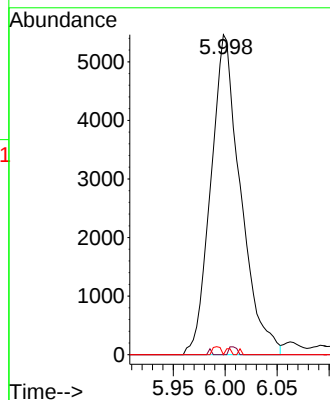
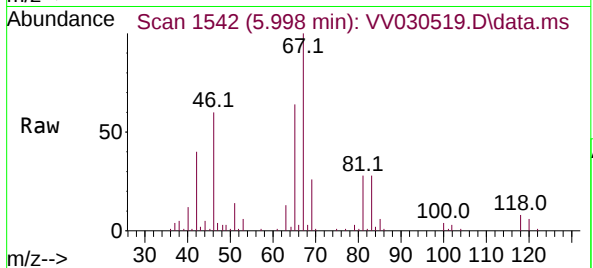
Tgt Ion: 83 Resp: 10880

Ion Ratio Lower Upper

83 100

55 0.0 66.6 100.0#

98 0.4 38.6 58.0#



#37

1,2-Dichloropropane

Concen: 0.515 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.103 min

Lab File: VV030519.D

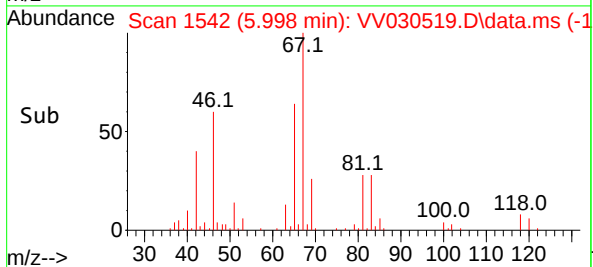
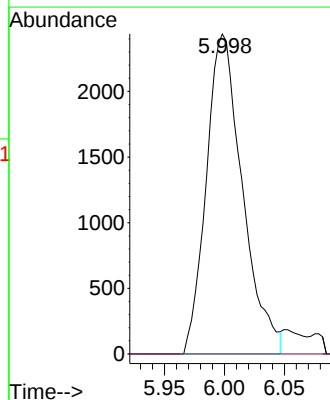
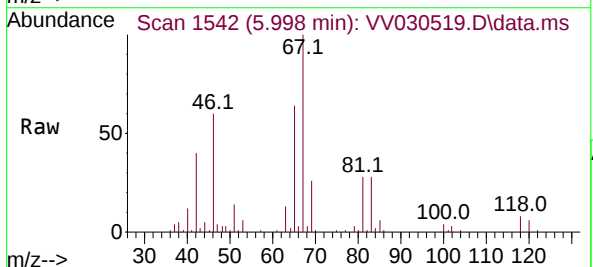
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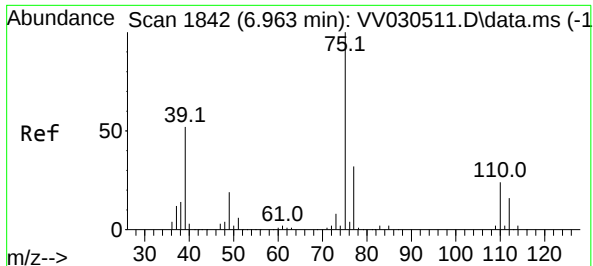
Tgt Ion: 63 Resp: 5105

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV030519.D

Acq: 12 Apr 2023 15:45

Instrument :

MSVOA_V

ClientSampleId :

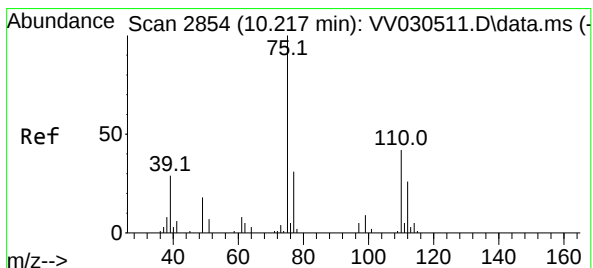
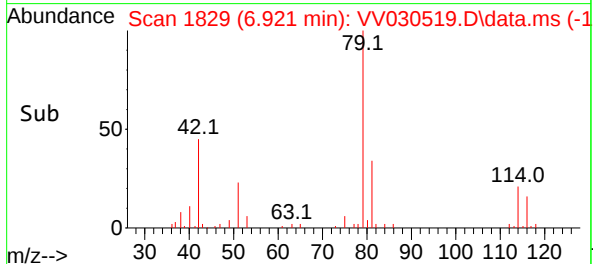
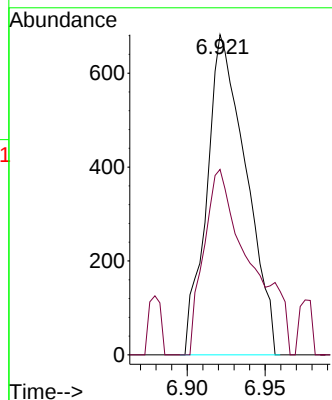
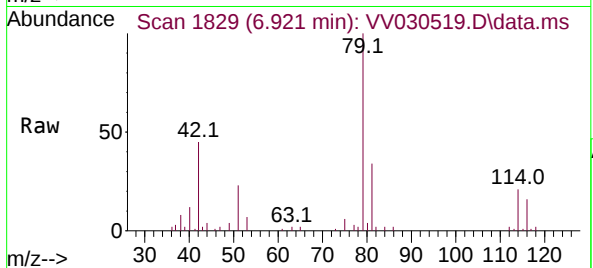
C0AA8DL

Tgt Ion: 75 Resp: 1197

Ion Ratio Lower Upper

75 100

77 57.9 22.0 41.0#



#61

1,2,3-Trichloropropane

Concen: 1.332 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.977 min

Lab File: VV030519.D

Acq: 12 Apr 2023 15:45

Tgt Ion: 75 Resp: 6127

Ion Ratio Lower Upper

75 100

77 37.4 26.0 39.0

110 2.6 31.6 47.4#

