

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041223\
 Data File : VW030518.D
 Acq On : 12 Apr 2023 15:20
 Operator : SY/MD
 Sample : 02254-04DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA3DL

Quant Time: Apr 13 02:49:21 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)

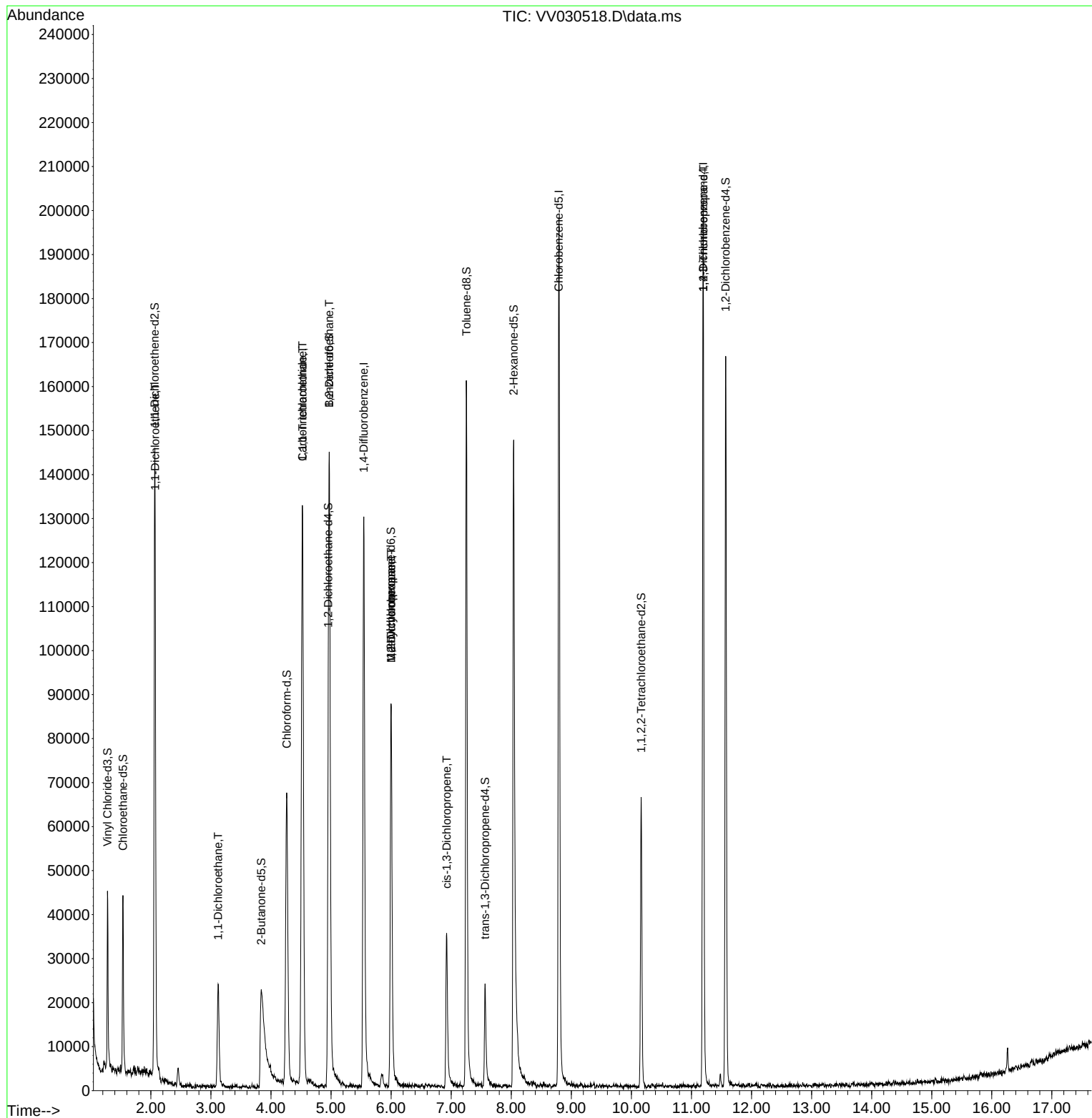
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	112445	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	111796	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	53743	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26622	3.575	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.535	69	25617	3.545	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.800%
11) 1,1-Dichloroethene-d2	2.063	63	61582	3.485	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	3.838	46	64277	33.392	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.780%
24) Chloroform-d	4.262	84	71164	3.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
26) 1,2-Dichloroethane-d4	4.953	65	36882	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	4.969	84	124906	3.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	5.998	67	39722	4.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.252	98	108948	3.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	7.564	79	13268	3.573	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.400%
46) 2-Hexanone-d5	8.040	63	56919	38.145	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.280%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	29856	3.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	43106	4.488	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
12) 1,1-Dichloroethene	2.072	96	21085	2.244	ug/L #	82
19) 1,1-Dichloroethane	3.121	63	22269	1.161	ug/L	95
27) 1,2-Dichloroethane	4.969	62	1130	0.096	ug/L #	73
29) 1,1,1-Trichloroethane	4.522	97	105576	5.876	ug/L	100
31) Carbon tetrachloride	4.522	117	13202	0.810	ug/L	99
35) Methylcyclohexane	6.002	83	10003	0.595	ug/L #	17
37) 1,2-Dichloropropane	6.002	63	5080	0.498	ug/L #	85
39) cis-1,3-Dichloropropene	6.924	75	1173	0.082	ug/L #	55
61) 1,2,3-Trichloropropane	11.197	75	5792	1.205	ug/L #	62

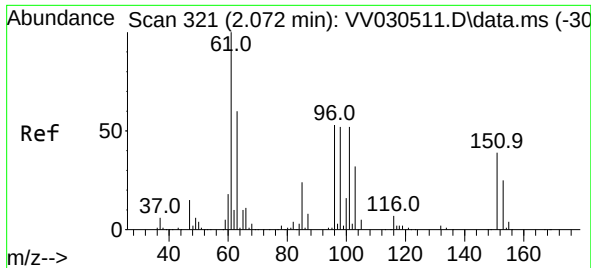
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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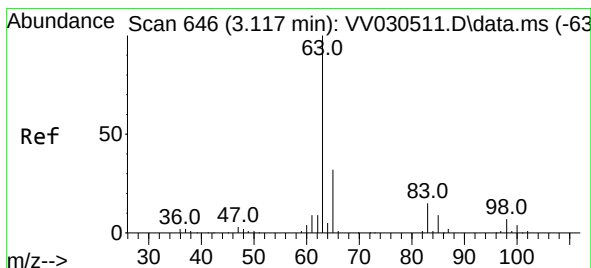
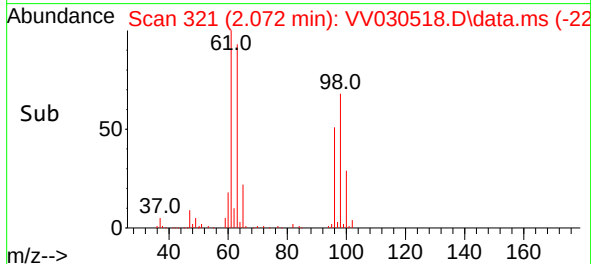
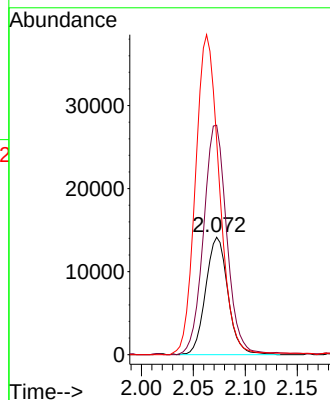
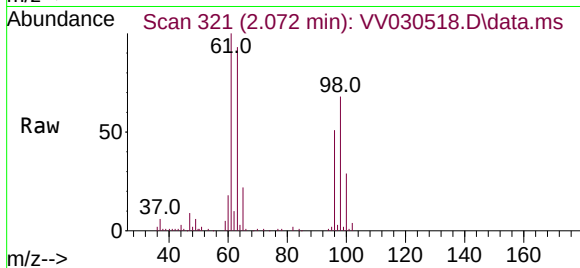




#12
 1,1-Dichloroethene
 Concen: 2.244 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV030518.D
 Acq: 12 Apr 2023 15:20

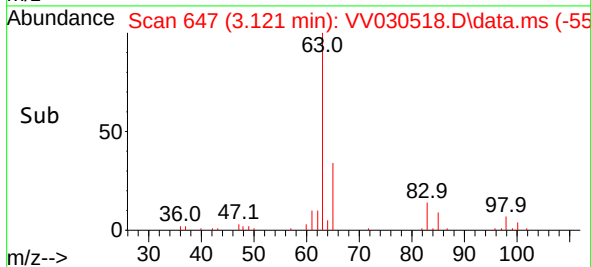
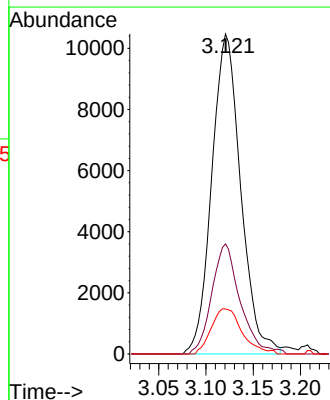
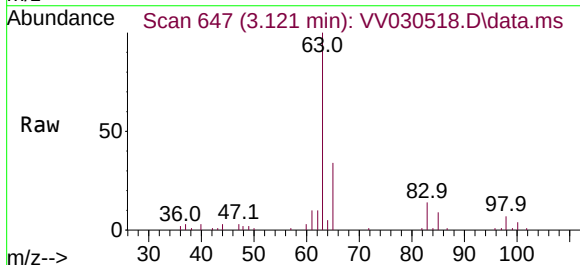
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA3DL

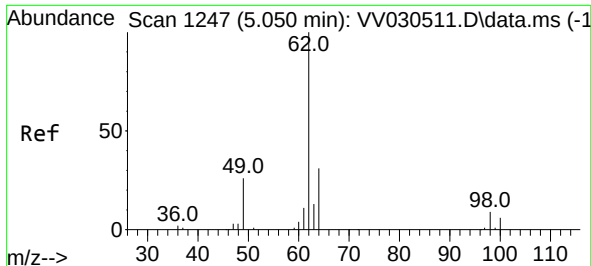
Tgt Ion: 96 Resp: 21085
 Ion Ratio Lower Upper
 96 100
 61 195.4 136.3 253.1
 63 182.4 92.1 171.1#



#19
 1,1-Dichloroethane
 Concen: 1.161 ug/L
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV030518.D
 Acq: 12 Apr 2023 15:20

Tgt Ion: 63 Resp: 22269
 Ion Ratio Lower Upper
 63 100
 65 34.4 21.7 40.3
 83 14.1 9.1 16.9





#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 4.969 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV030518.D

Acq: 12 Apr 2023 15:20

Instrument :

MSVOA_V

ClientSampleId :

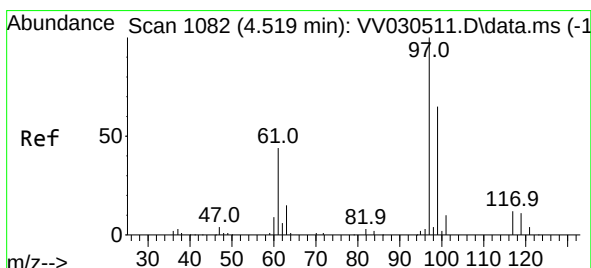
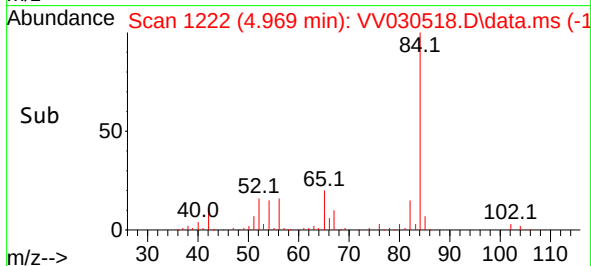
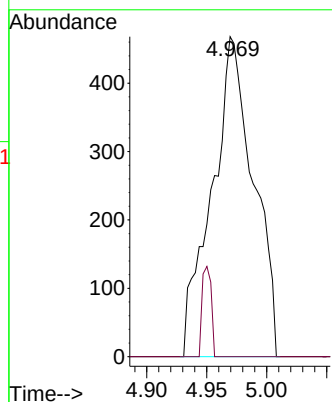
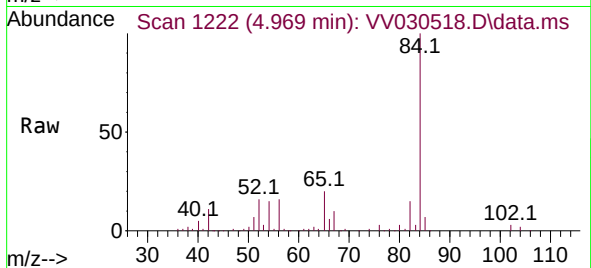
C0AA3DL

Tgt Ion: 62 Resp: 1130

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#29

1,1,1-Trichloroethane

Concen: 5.876 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030518.D

Acq: 12 Apr 2023 15:20

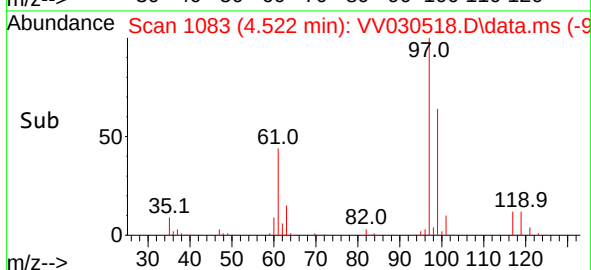
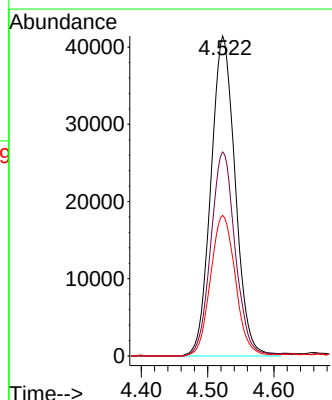
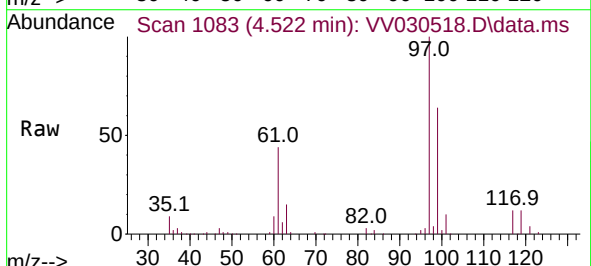
Tgt Ion: 97 Resp: 105576

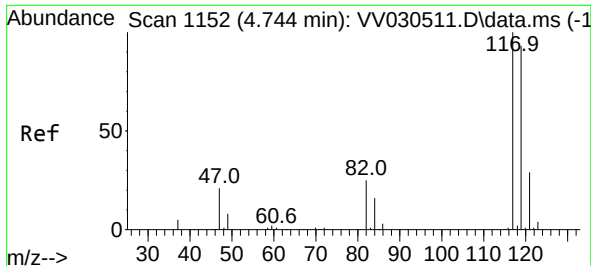
Ion Ratio Lower Upper

97 100

99 64.2 50.9 76.3

61 44.9 35.9 53.9

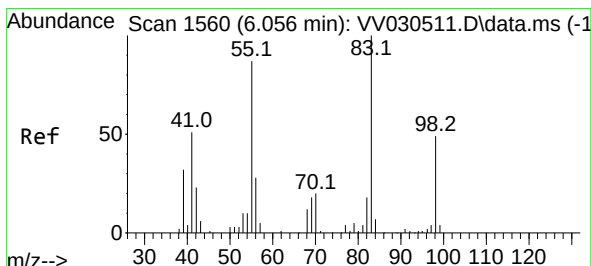
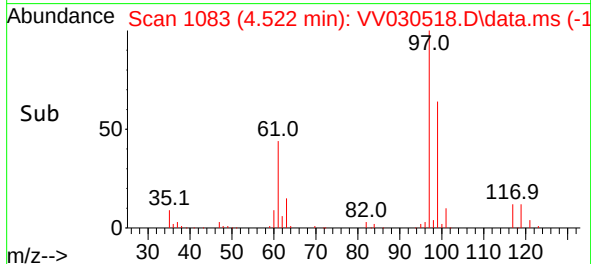
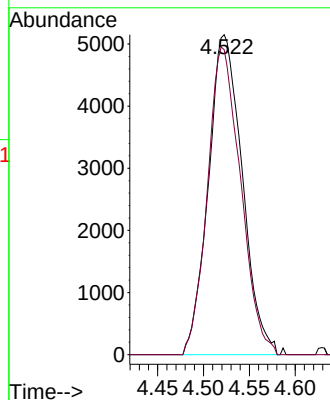
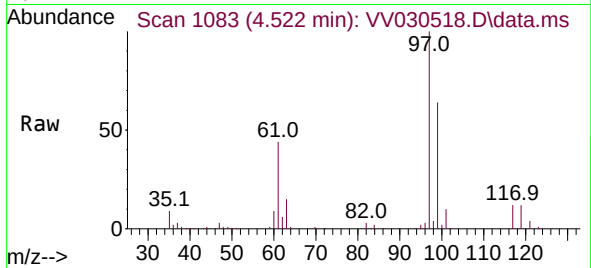




#31
Carbon tetrachloride
Concen: 0.810 ug/L
RT: 4.522 min Scan# 1083
Delta R.T. -0.222 min
Lab File: VV030518.D
Acq: 12 Apr 2023 15:20

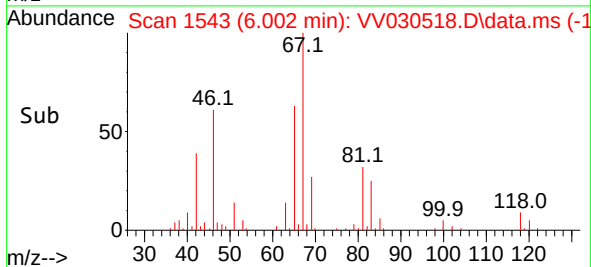
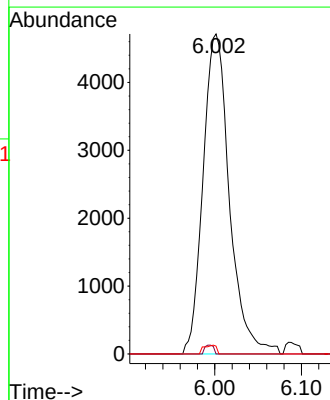
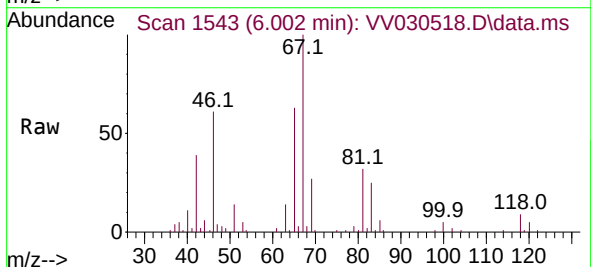
Instrument :
MSVOA_V
ClientSampleId :
C0AA3DL

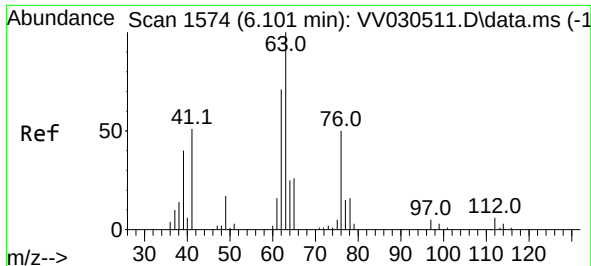
Tgt Ion:117 Resp: 13202
Ion Ratio Lower Upper
117 100
119 94.3 76.2 114.4



#35
Methylcyclohexane
Concen: 0.595 ug/L
RT: 6.002 min Scan# 1543
Delta R.T. -0.055 min
Lab File: VV030518.D
Acq: 12 Apr 2023 15:20

Tgt Ion: 83 Resp: 10003
Ion Ratio Lower Upper
83 100
55 0.9 66.6 100.0#
98 1.3 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.498 ug/L

RT: 6.002 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV030518.D

Acq: 12 Apr 2023 15:20

Instrument :

MSVOA_V

ClientSampleId :

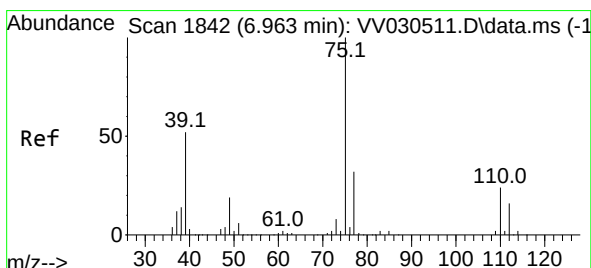
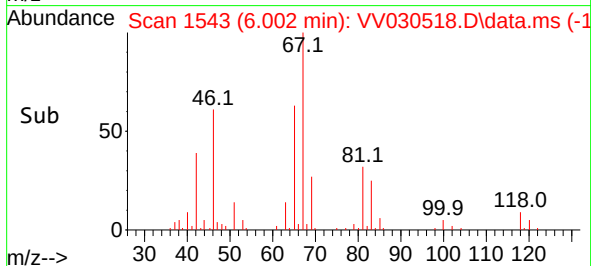
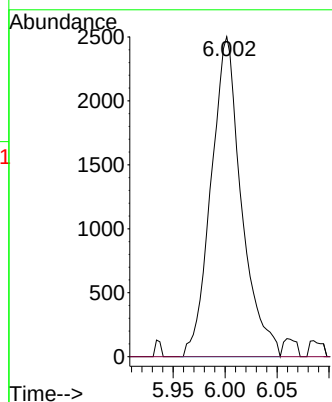
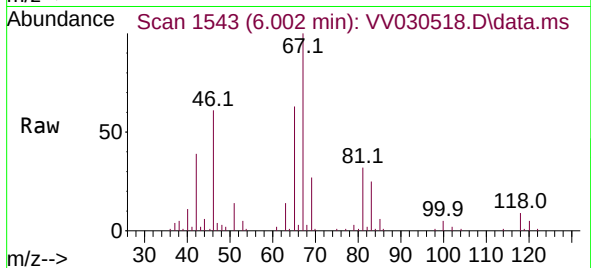
C0AA3DL

Tgt Ion: 63 Resp: 5080

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 6.924 min Scan# 1830

Delta R.T. -0.039 min

Lab File: VV030518.D

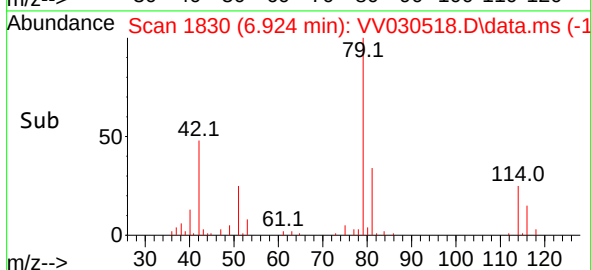
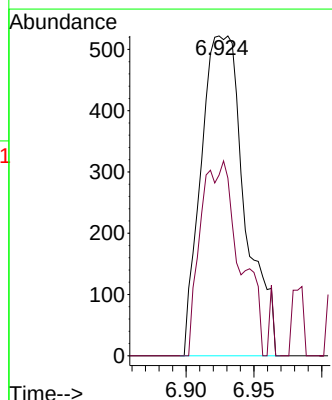
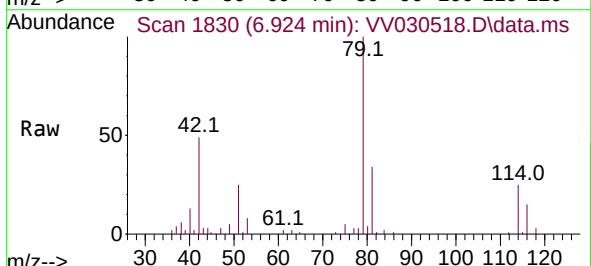
Acq: 12 Apr 2023 15:20

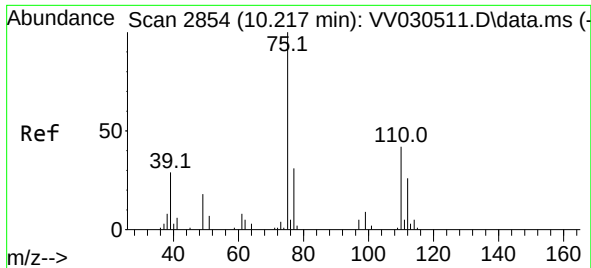
Tgt Ion: 75 Resp: 1173

Ion Ratio Lower Upper

75 100

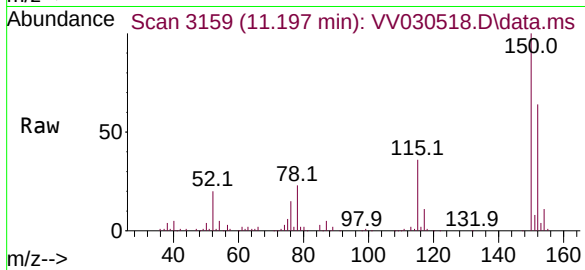
77 56.5 22.0 41.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.205 ug/L
 RT: 11.197 min Scan# 31
 Delta R.T. 0.981 min
 Lab File: VV030518.D
 Acq: 12 Apr 2023 15:20

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA3DL



Tgt Ion: 75 Resp: 5792
 Ion Ratio Lower Upper
 75 100
 77 39.6 26.0 39.0#
 110 3.3 31.6 47.4#

