

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041223\
 Data File : VW030514.D
 Acq On : 12 Apr 2023 13:42
 Operator : SY/MD
 Sample : 02254-08DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC6DL

Quant Time: Apr 13 02:48:21 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)

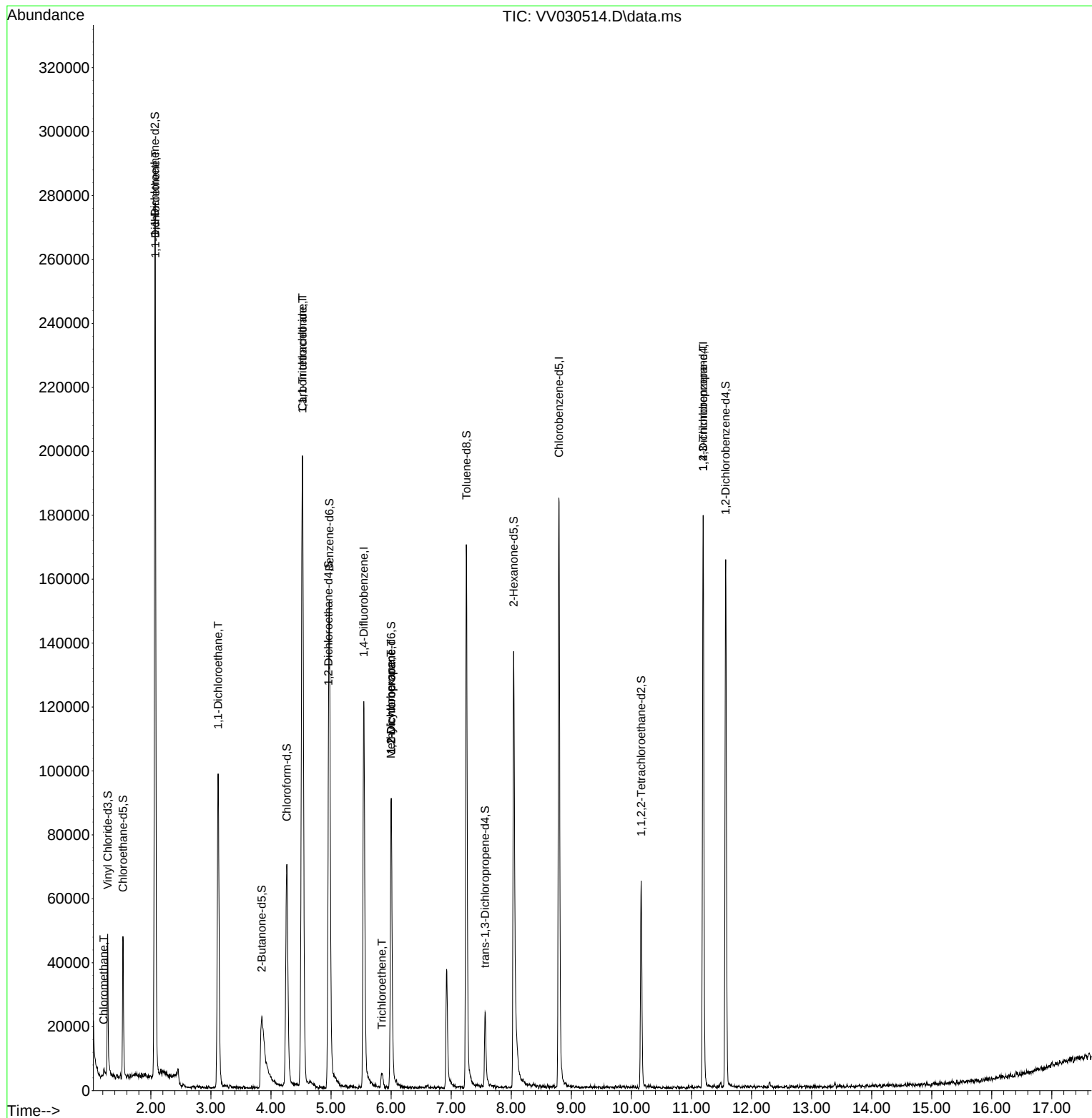
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	103827	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	103966	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	49012	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	29207	4.247	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.000%	
7) Chloroethane-d5	1.536	69	26946	4.038	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.800%	
11) 1,1-Dichloroethene-d2	2.066	63	86626	5.309	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	106.200%	
20) 2-Butanone-d5	3.847	46	68499	38.539	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	77.080%	
24) Chloroform-d	4.262	84	72041	4.329	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
26) 1,2-Dichloroethane-d4	4.957	65	38580	4.913	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.200%	
32) Benzene-d6	4.973	84	129255	4.412	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
36) 1,2-Dichloropropane-d6	6.002	67	40515	4.417	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.400%	
41) Toluene-d8	7.252	98	114037	4.239	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.800%	
43) trans-1,3-Dichloroprop...	7.564	79	13747	3.981	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.600%	
46) 2-Hexanone-d5	8.040	63	53628	38.646	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.300%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	29306	4.054	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.000%	
66) 1,2-Dichlorobenzene-d4	11.571	152	43224	4.934	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1534	0.092	ug/L	100
12) 1,1-Dichloroethene	2.076	96	58571	6.752	ug/L	82
19) 1,1-Dichloroethane	3.121	63	94540	5.336	ug/L	98
29) 1,1,1-Trichloroethane	4.526	97	162176	9.705	ug/L	99
31) Carbon tetrachloride	4.523	117	20134	1.328	ug/L	98
34) Trichloroethene	5.847	95	1263	0.127	ug/L	89
35) Methylcyclohexane	5.998	83	10181	0.651	ug/L #	16
37) 1,2-Dichloropropane	6.002	63	4985	0.526	ug/L #	85
61) 1,2,3-Trichloropropane	11.194	75	5448	1.243	ug/L #	57

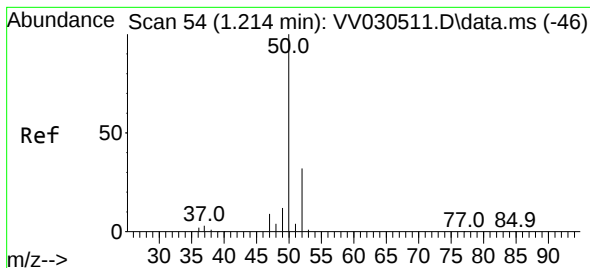
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 13 02:44:31 2023
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#3

Chloromethane

Concen: 0.092 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV030514.D

Acq: 12 Apr 2023 13:42

Instrument :

MSVOA_V

ClientSampleId :

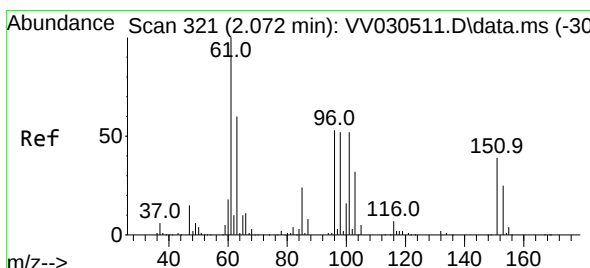
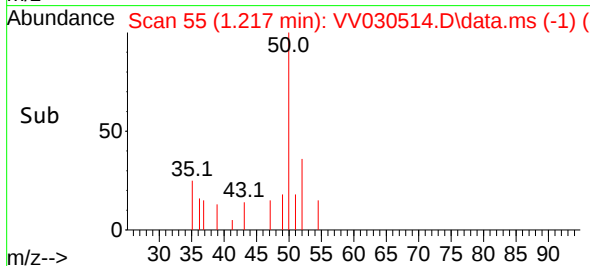
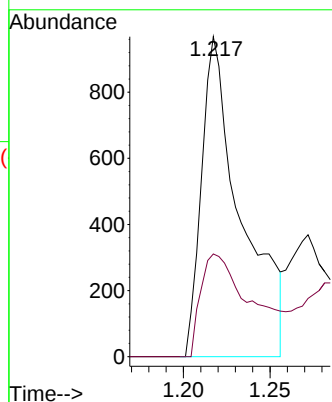
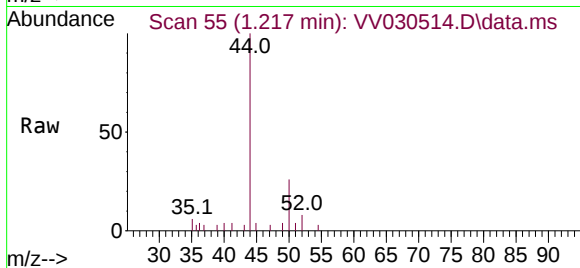
C0AC6DL

Tgt Ion: 50 Resp: 1534

Ion Ratio Lower Upper

50 100

52 32.1 22.3 41.5



#12

1,1-Dichloroethene

Concen: 6.752 ug/L

RT: 2.076 min Scan# 322

Delta R.T. 0.003 min

Lab File: VV030514.D

Acq: 12 Apr 2023 13:42

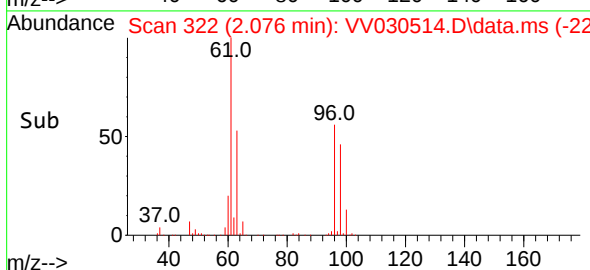
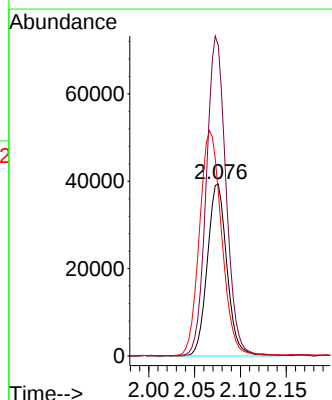
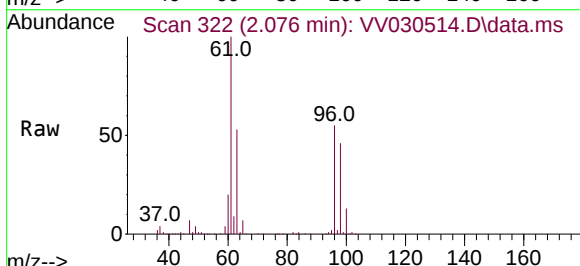
Tgt Ion: 96 Resp: 58571

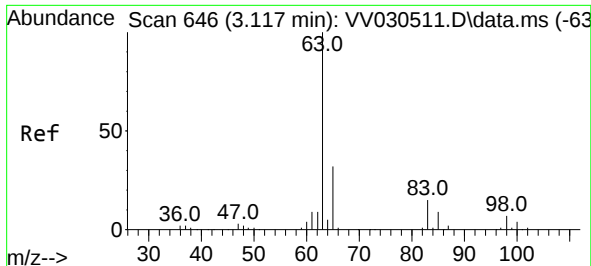
Ion Ratio Lower Upper

96 100

61 180.4 136.3 253.1

63 95.7 92.1 171.1





#19

1,1-Dichloroethane

Concen: 5.336 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030514.D

Acq: 12 Apr 2023 13:42

Instrument :

MSVOA_V

ClientSampleId :

C0AC6DL

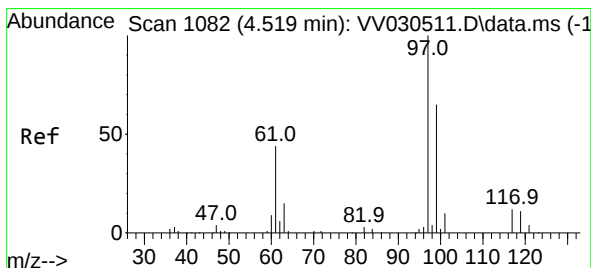
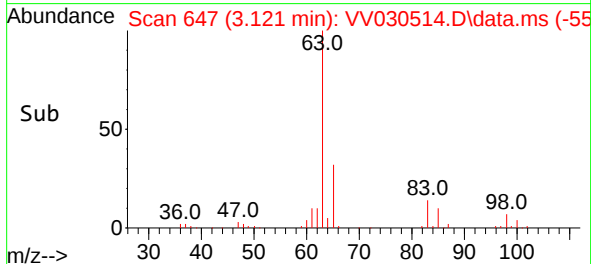
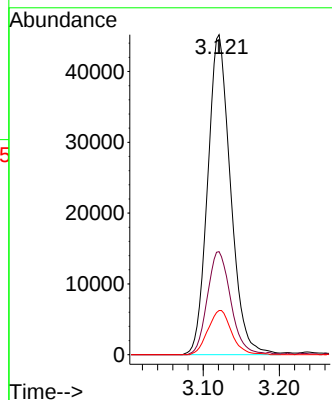
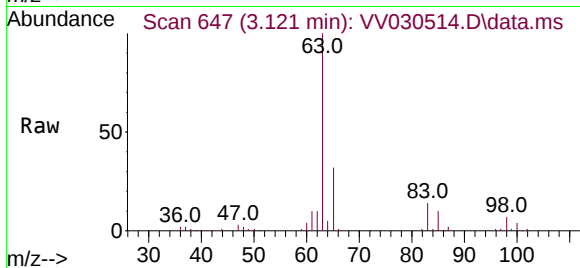
Tgt Ion: 63 Resp: 94540

Ion Ratio Lower Upper

63 100

65 32.2 21.7 40.3

83 13.8 9.1 16.9



#29

1,1,1-Trichloroethane

Concen: 9.705 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.007 min

Lab File: VV030514.D

Acq: 12 Apr 2023 13:42

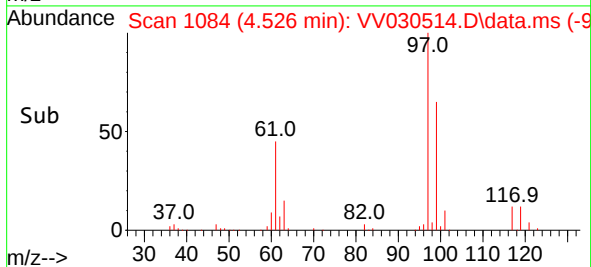
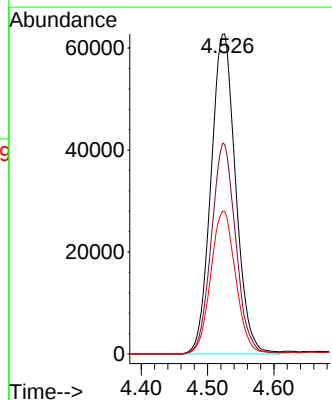
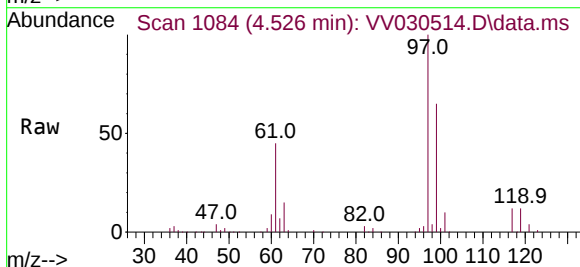
Tgt Ion: 97 Resp: 162176

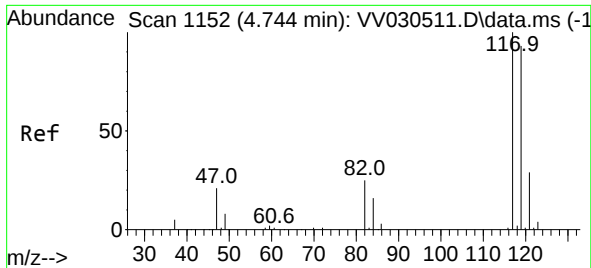
Ion Ratio Lower Upper

97 100

99 65.0 50.9 76.3

61 45.3 35.9 53.9





#31

Carbon tetrachloride

Concen: 1.328 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. -0.222 min

Lab File: VV030514.D

Acq: 12 Apr 2023 13:42

Instrument :

MSVOA_V

ClientSampleId :

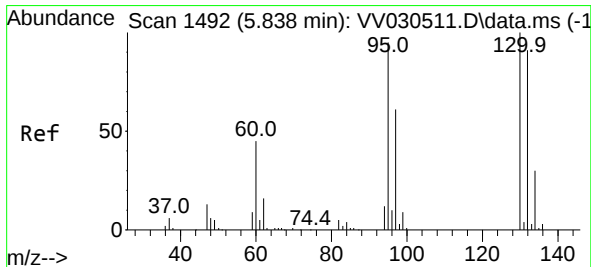
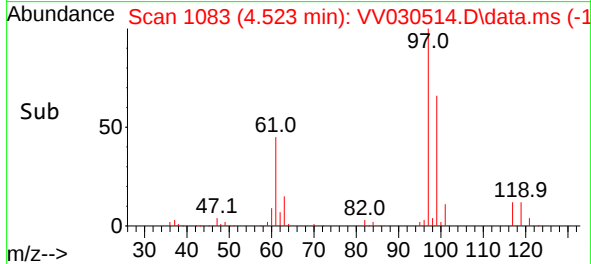
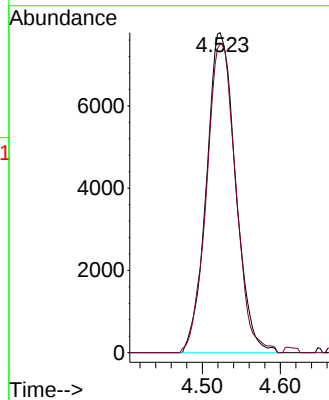
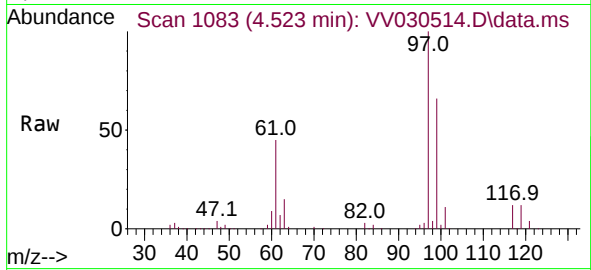
C0AC6DL

Tgt Ion:117 Resp: 20134

Ion Ratio Lower Upper

117 100

119 97.4 76.2 114.4



#34

Trichloroethene

Concen: 0.127 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.010 min

Lab File: VV030514.D

Acq: 12 Apr 2023 13:42

Tgt Ion: 95 Resp: 1263

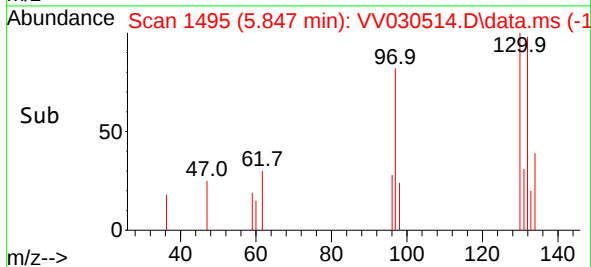
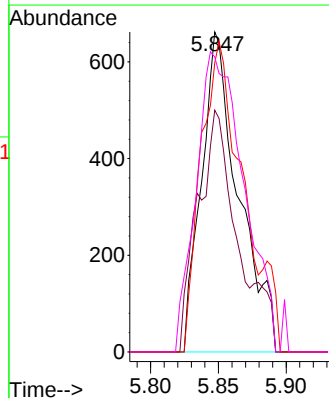
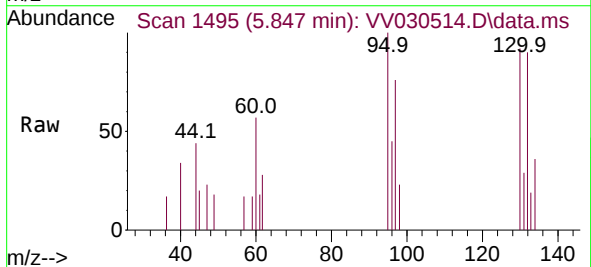
Ion Ratio Lower Upper

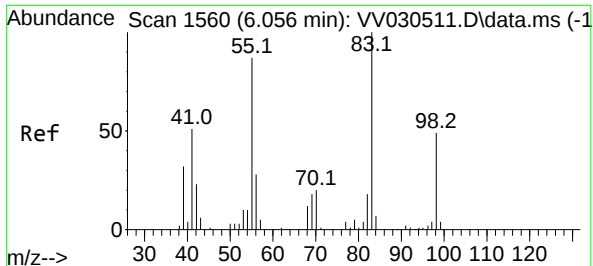
95 100

97 75.5 44.2 82.2

132 90.3 69.5 129.1

130 92.1 72.2 134.0

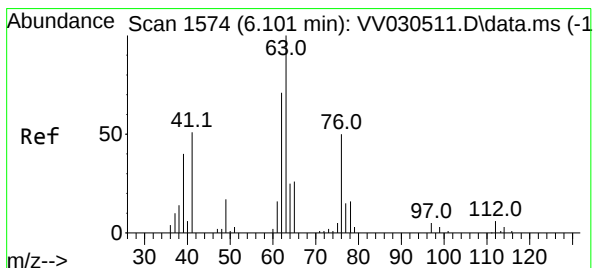
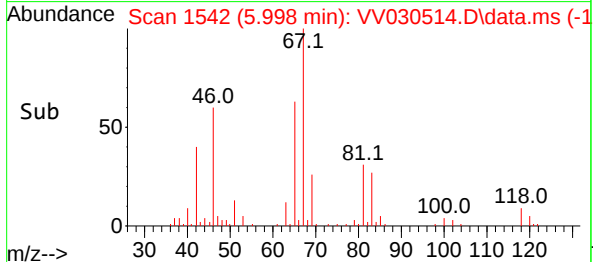
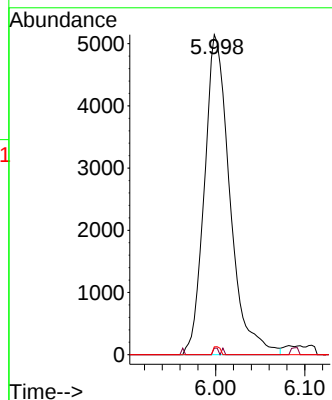
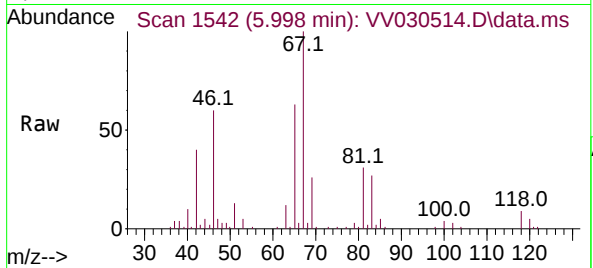




#35
Methylcyclohexane
Concen: 0.651 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030514.D
Acq: 12 Apr 2023 13:42

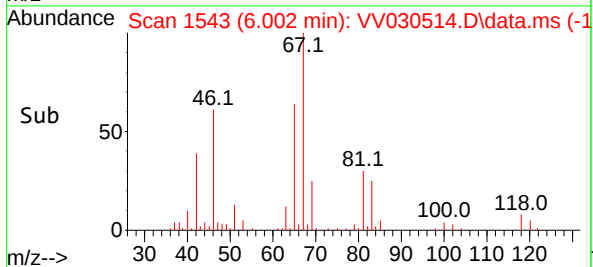
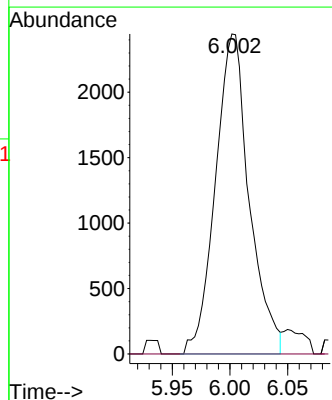
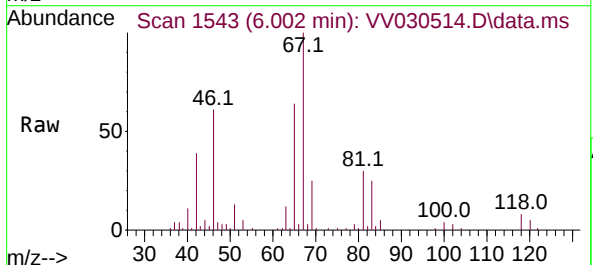
Instrument :
MSVOA_V
ClientSampleId :
C0AC6DL

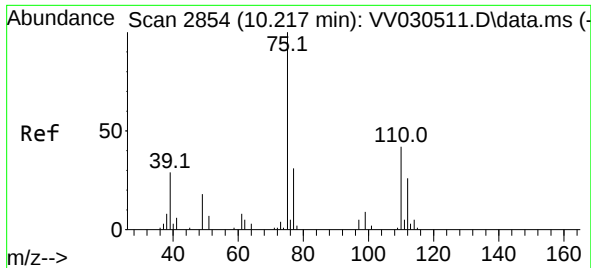
Tgt Ion: 83 Resp: 10181
Ion Ratio Lower Upper
83 100
55 0.6 66.6 100.0#
98 0.7 38.6 58.0#



#37
1,2-Dichloropropane
Concen: 0.526 ug/L
RT: 6.002 min Scan# 1543
Delta R.T. -0.100 min
Lab File: VV030514.D
Acq: 12 Apr 2023 13:42

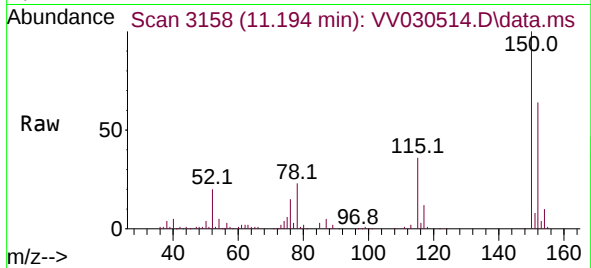
Tgt Ion: 63 Resp: 4985
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.243 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV030514.D
 Acq: 12 Apr 2023 13:42

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC6DL



Tgt Ion: 75 Resp: 5448
 Ion Ratio Lower Upper
 75 100
 77 43.9 26.0 39.0#
 110 1.5 31.6 47.4#

