

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041223\
 Data File : VW030516.D
 Acq On : 12 Apr 2023 14:31
 Operator : SY/MD
 Sample : 02254-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC4

Quant Time: Apr 13 02:48:50 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)

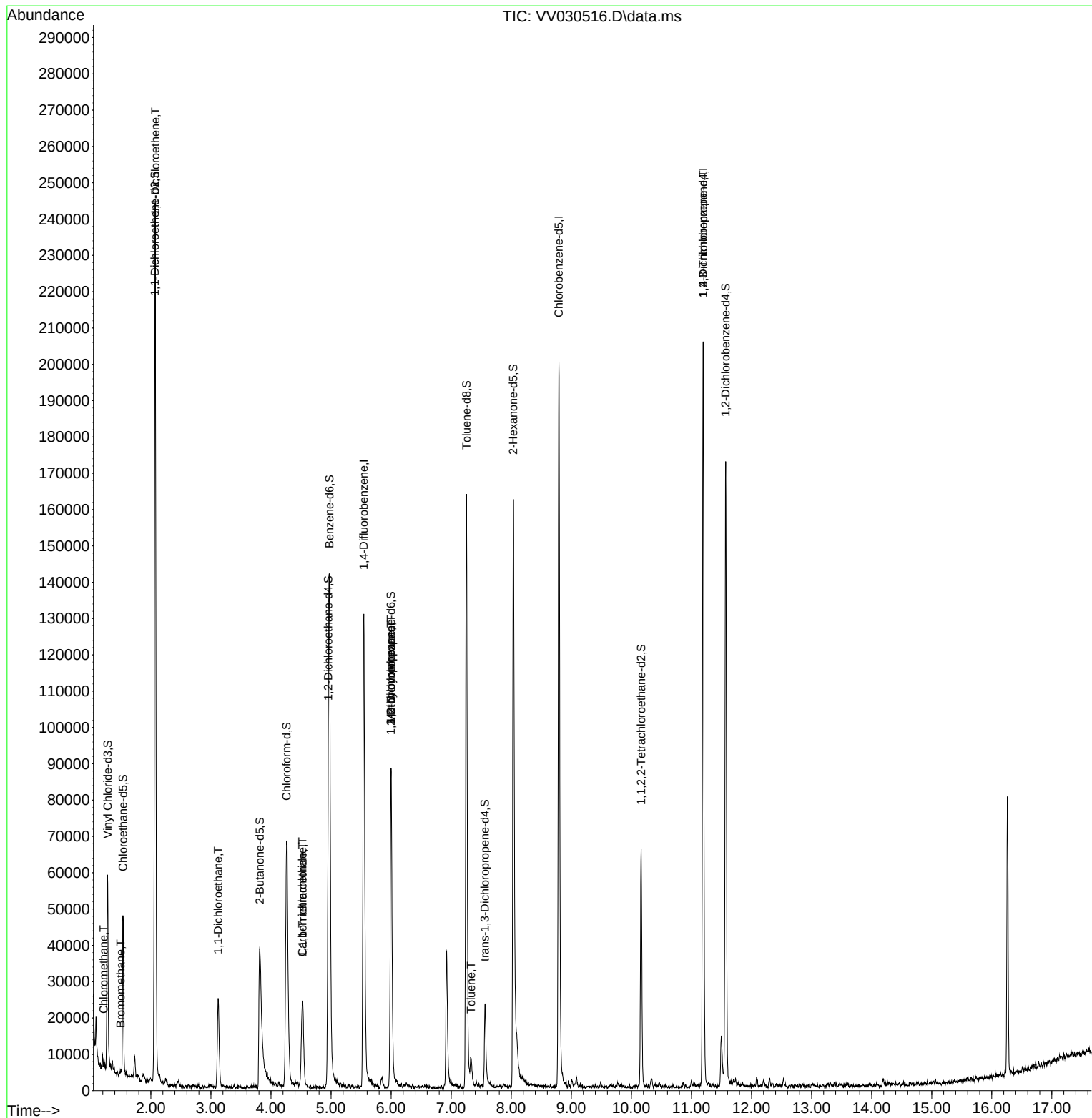
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	110020	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	111100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	55313	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	28061	3.851	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.536	69	26643	3.768	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.066	63	76332	4.415	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	3.812	46	75934	40.318	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.640%
24) Chloroform-d	4.259	84	71091	4.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
26) 1,2-Dichloroethane-d4	4.953	65	36635	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	4.973	84	124022	3.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	5.998	67	40015	4.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.252	98	110535	3.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	7.561	79	13776	3.733	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.034	63	57623	38.859	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.720%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	29452	3.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.200%
66) 1,2-Dichlorobenzene-d4	11.571	152	43414	4.391	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2482	0.141	ug/L	98
6) Bromomethane	1.497	94	393	0.107	ug/L	75
12) 1,1-Dichloroethene	2.076	96	50555	5.499	ug/L	85
19) 1,1-Dichloroethane	3.121	63	24393	1.299	ug/L	99
29) 1,1,1-Trichloroethane	4.523	97	20153	1.129	ug/L	98
31) Carbon tetrachloride	4.526	117	2671	0.165	ug/L	100
35) Methylcyclohexane	5.998	83	9840	0.589	ug/L #	17
37) 1,2-Dichloropropane	5.995	63	5135	0.507	ug/L #	85
42) Toluene	7.330	91	4439	0.106	ug/L	97
61) 1,2,3-Trichloropropane	11.194	75	6116	1.237	ug/L #	59

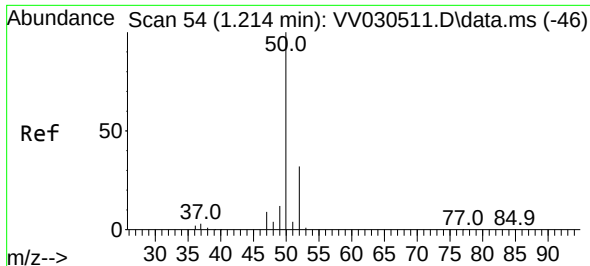
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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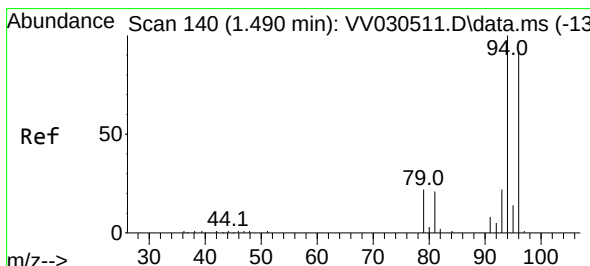
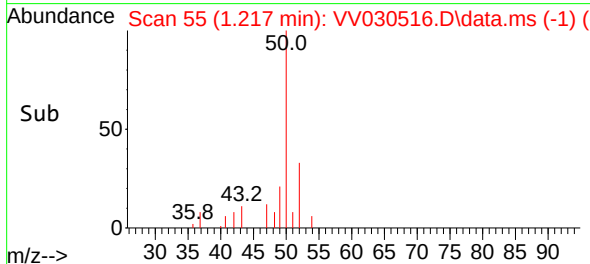
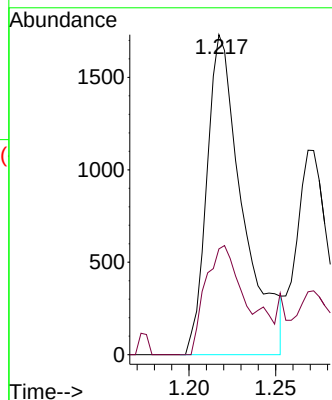
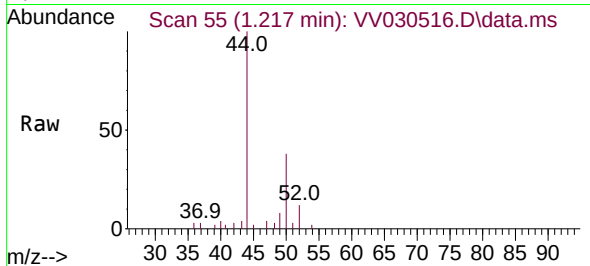




#3
Chloromethane
Concen: 0.141 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV030516.D
Acq: 12 Apr 2023 14:31

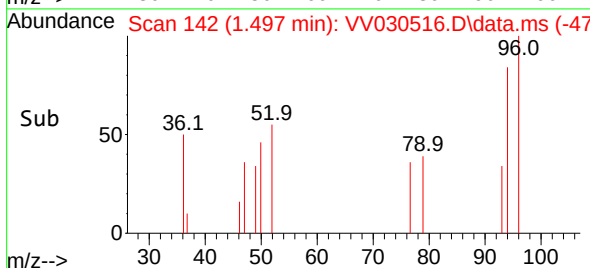
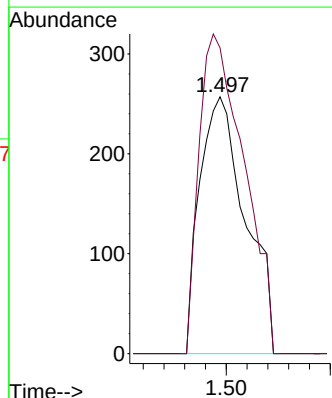
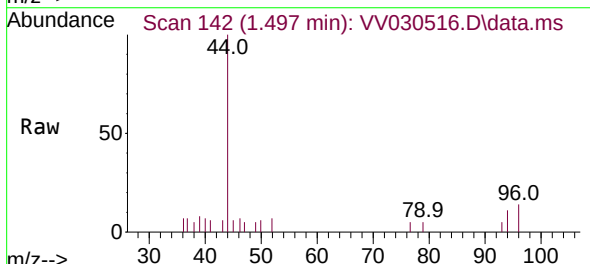
Instrument :
MSVOA_V
ClientSampleId :
C0AC4

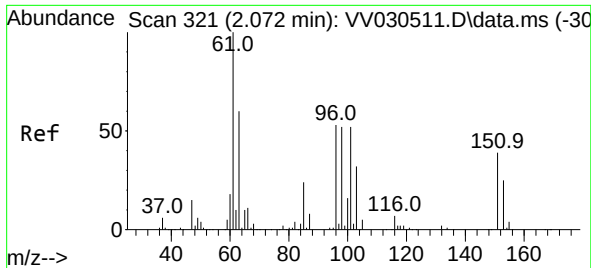
Tgt Ion: 50 Resp: 2482
Ion Ratio Lower Upper
50 100
52 33.0 22.3 41.5



#6
Bromomethane
Concen: 0.107 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.007 min
Lab File: VV030516.D
Acq: 12 Apr 2023 14:31

Tgt Ion: 94 Resp: 393
Ion Ratio Lower Upper
94 100
96 119.1 66.1 122.7





#12

1,1-Dichloroethene

Concen: 5.499 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030516.D

Acq: 12 Apr 2023 14:31

Instrument :

MSVOA_V

ClientSampleId :

C0AC4

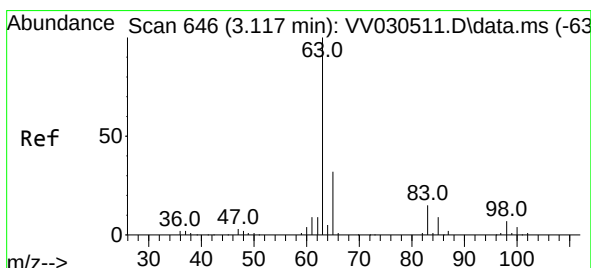
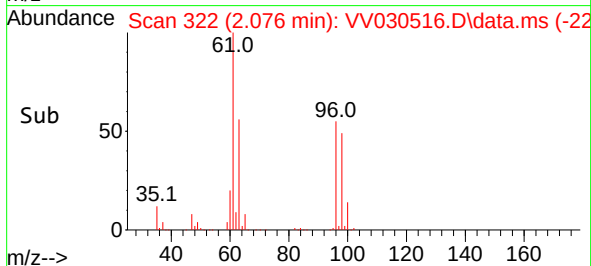
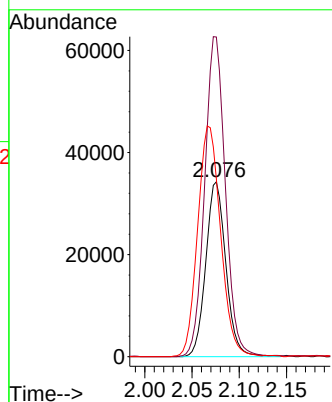
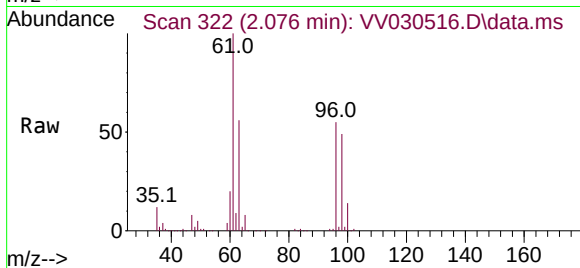
Tgt Ion: 96 Resp: 50555

Ion Ratio Lower Upper

96 100

61 182.8 136.3 253.1

63 101.7 92.1 171.1



#19

1,1-Dichloroethane

Concen: 1.299 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV030516.D

Acq: 12 Apr 2023 14:31

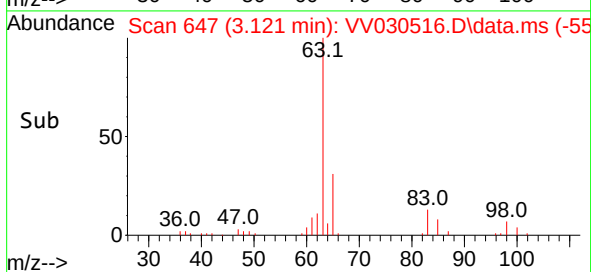
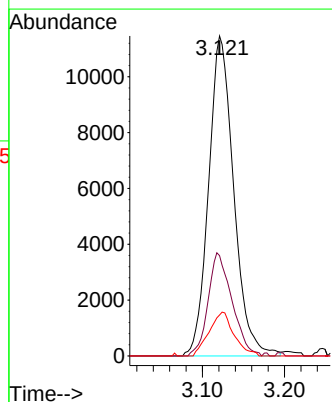
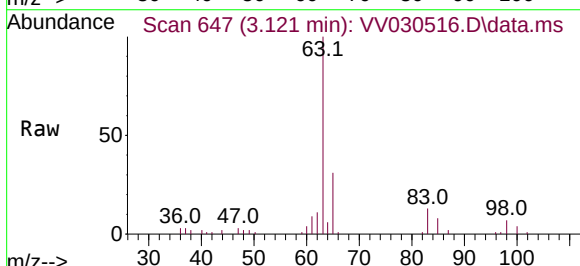
Tgt Ion: 63 Resp: 24393

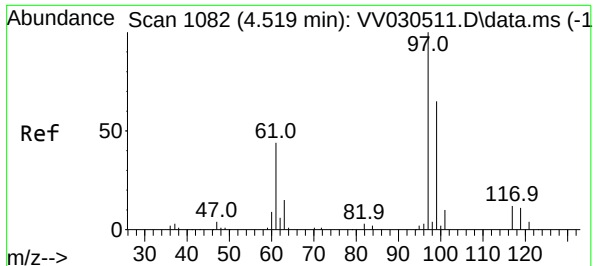
Ion Ratio Lower Upper

63 100

65 31.4 21.7 40.3

83 12.8 9.1 16.9





#29

1,1,1-Trichloroethane

Concen: 1.129 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030516.D

Acq: 12 Apr 2023 14:31

Instrument :

MSVOA_V

ClientSampleId :

C0AC4

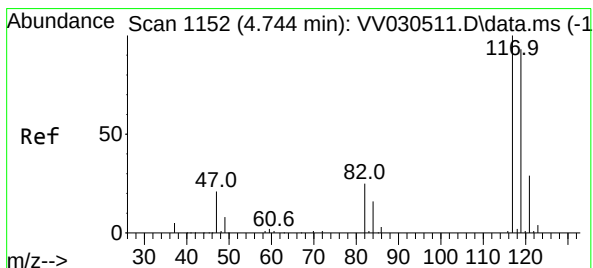
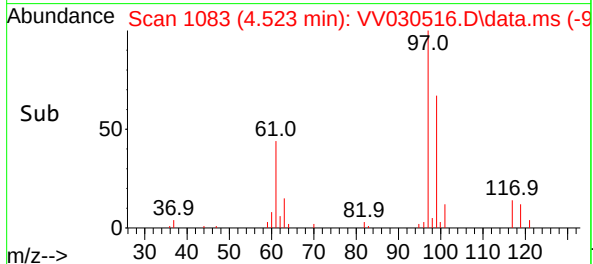
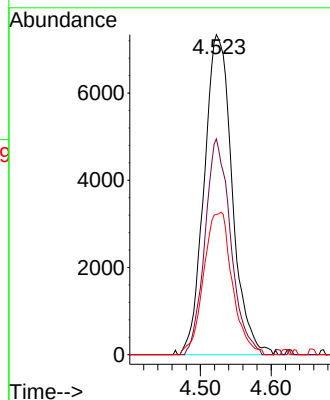
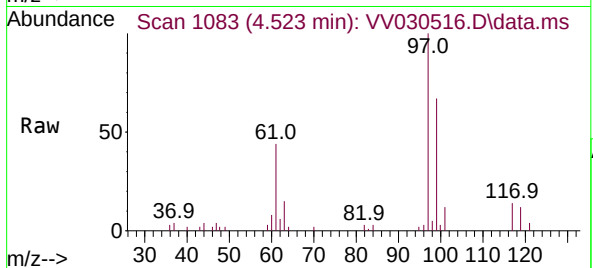
Tgt Ion: 97 Resp: 20153

Ion Ratio Lower Upper

97 100

99 61.9 50.9 76.3

61 45.4 35.9 53.9



#31

Carbon tetrachloride

Concen: 0.165 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. -0.219 min

Lab File: VV030516.D

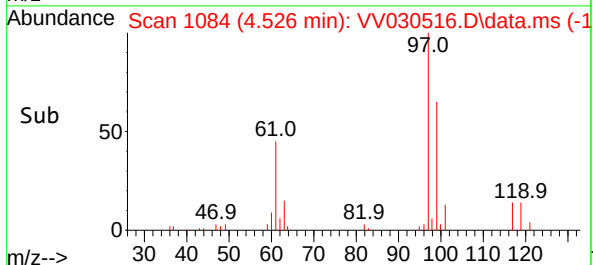
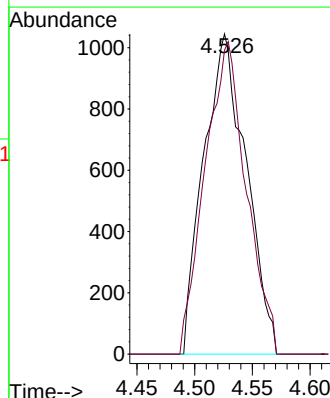
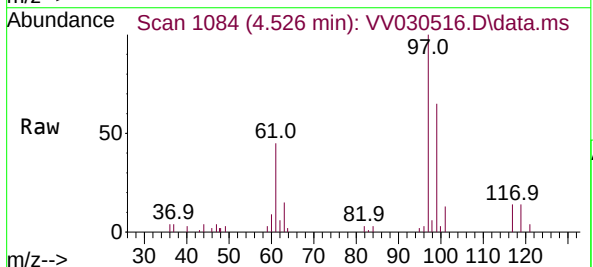
Acq: 12 Apr 2023 14:31

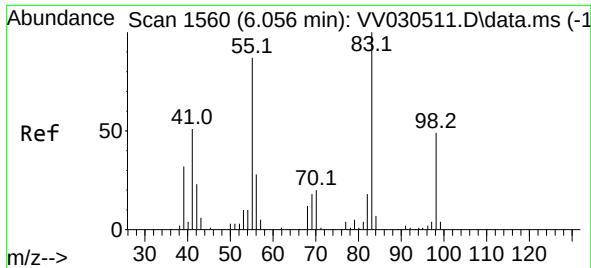
Tgt Ion: 117 Resp: 2671

Ion Ratio Lower Upper

117 100

119 95.0 76.2 114.4

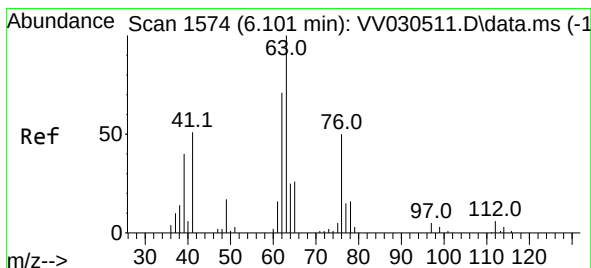
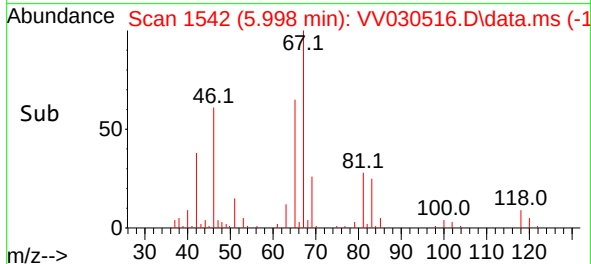
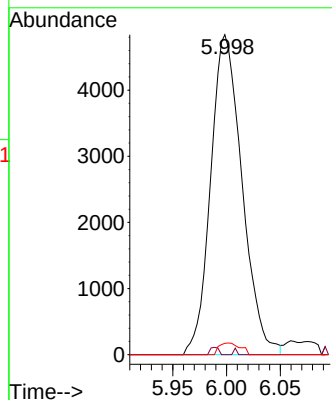
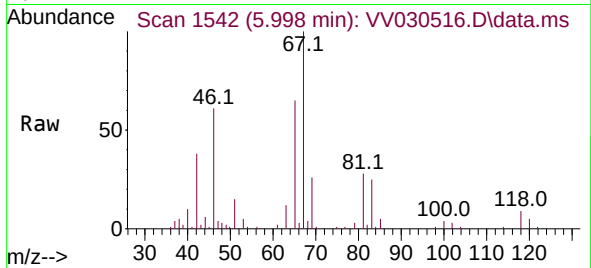




#35
Methylcyclohexane
Concen: 0.589 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030516.D
Acq: 12 Apr 2023 14:31

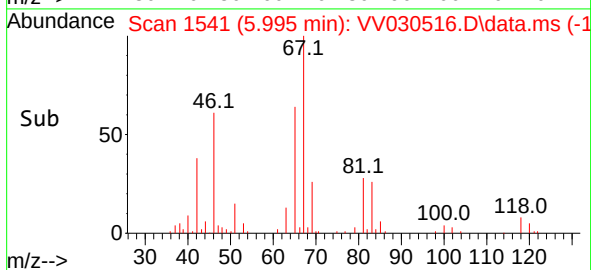
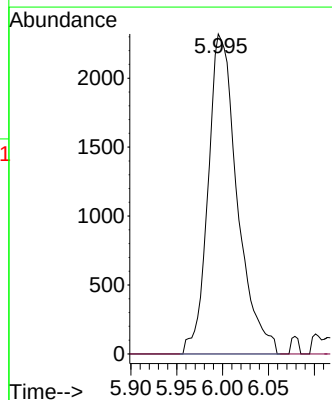
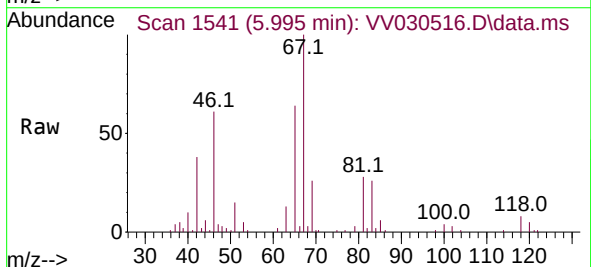
Instrument :
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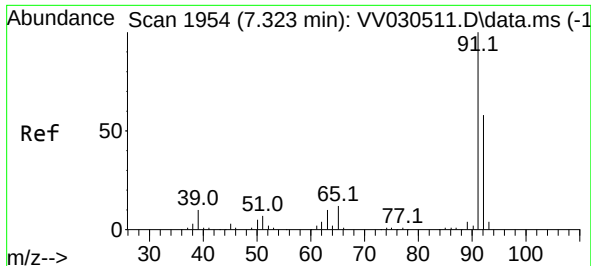
Tgt Ion: 83 Resp: 9840
Ion Ratio Lower Upper
83 100
55 0.2 66.6 100.0#
98 2.4 38.6 58.0#



#37
1,2-Dichloropropane
Concen: 0.507 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.106 min
Lab File: VV030516.D
Acq: 12 Apr 2023 14:31

Tgt Ion: 63 Resp: 5135
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#42

Toluene

Concen: 0.106 ug/L

RT: 7.330 min Scan# 1954

Delta R.T. 0.007 min

Lab File: VV030516.D

Acq: 12 Apr 2023 14:31

Instrument :

MSVOA_V

ClientSampleId :

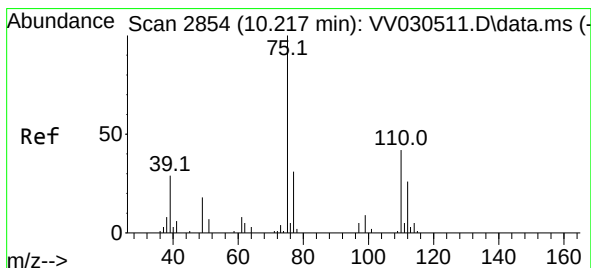
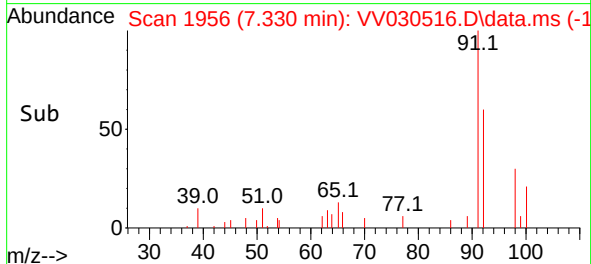
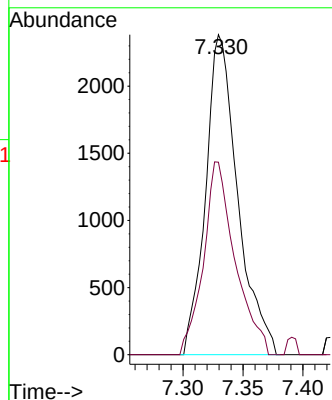
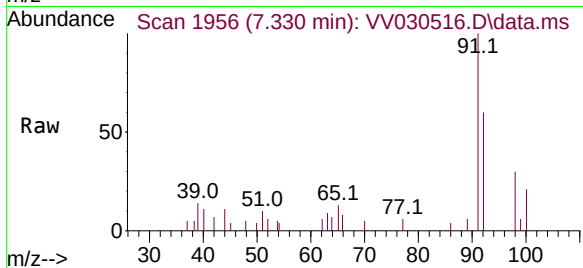
C0AC4

Tgt Ion: 91 Resp: 4439

Ion Ratio Lower Upper

91 100

92 60.2 40.4 75.0



#61

1,2,3-Trichloropropane

Concen: 1.237 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.978 min

Lab File: VV030516.D

Acq: 12 Apr 2023 14:31

Tgt Ion: 75 Resp: 6116

Ion Ratio Lower Upper

75 100

77 40.9 26.0 39.0#

110 1.4 31.6 47.4#

