

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041223\
 Data File : VW030525.D
 Acq On : 12 Apr 2023 18:11
 Operator : SY/MD
 Sample : 02275-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDZ3

Quant Time: Apr 13 02:51:56 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)

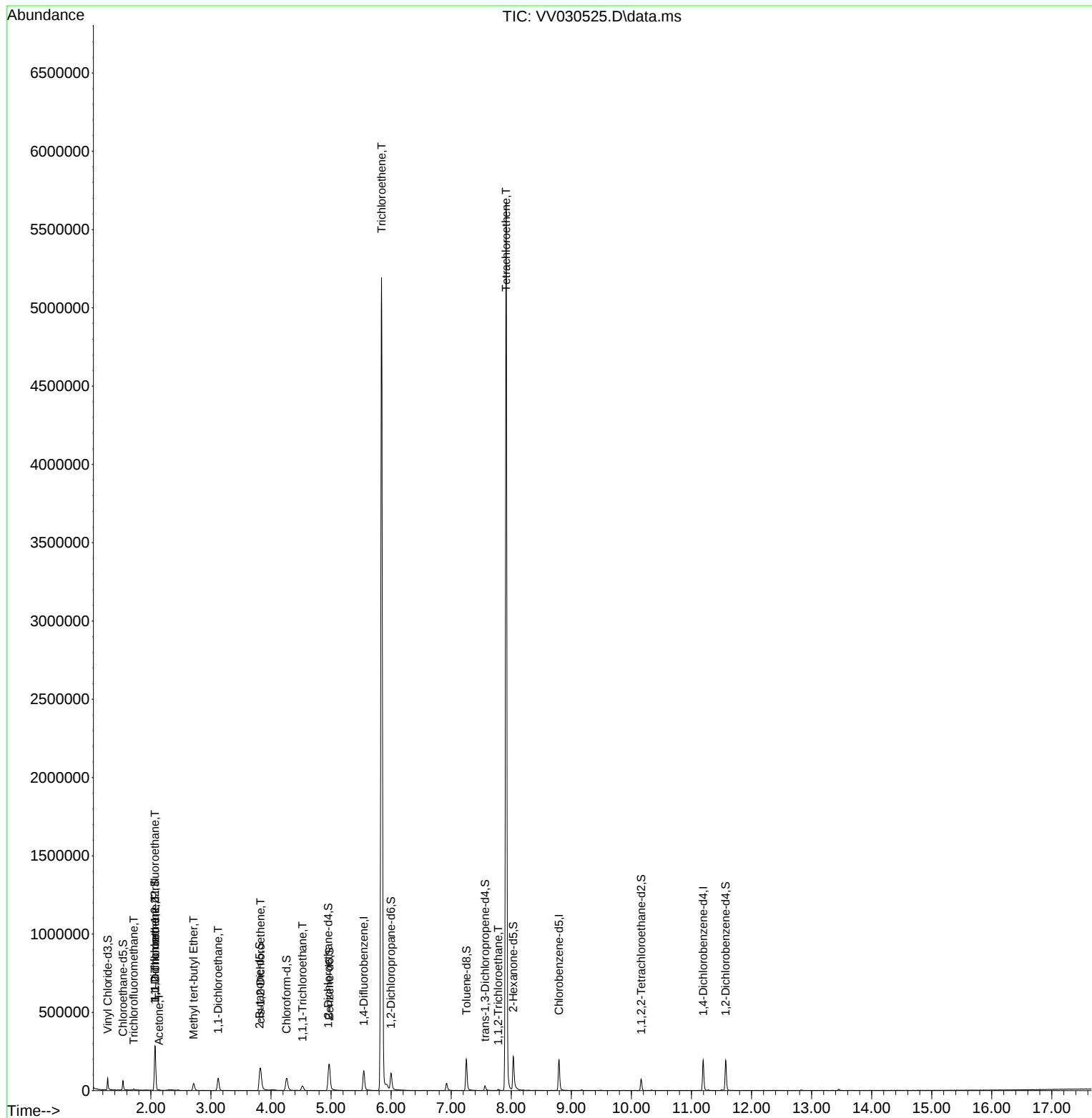
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	107998	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	108454	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	51645	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	48285	6.751	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	135.000%#
7) Chloroethane-d5	1.535	69	37611	5.418	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.400%
11) 1,1-Dichloroethene-d2	2.066	63	100458	5.919	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	118.400%
20) 2-Butanone-d5	3.809	46	88882	48.076	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.160%
24) Chloroform-d	4.259	84	82115	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.953	65	44022	5.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	4.973	84	148653	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	5.998	67	47622	4.977	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.252	98	130945	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.564	79	17482	4.853	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.034	63	73027	50.448	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.900%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33168	4.398	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	47855	5.184	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.716	101	4137	0.225	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	2276	0.224	ug/L #	76
12) 1,1-Dichloroethene	2.072	96	55805	6.184	ug/L	96
13) Acetone	2.137	43	3407	1.927	ug/L	94
17) Methyl tert-butyl Ether	2.712	73	40477	2.118	ug/L	98
19) 1,1-Dichloroethane	3.121	63	76065	4.127	ug/L	96
22) cis-1,2-Dichloroethene	3.825	96	59682	6.256	ug/L	100
29) 1,1,1-Trichloroethane	4.522	97	23578	1.353	ug/L	96
34) Trichloroethene	5.841	95	1661348	159.914	ug/L	98
45) 1,1,2-Trichloroethane	7.783	97	1639	0.235	ug/L	96
47) Tetrachloroethene	7.915	164	1165371	127.101	ug/L	95

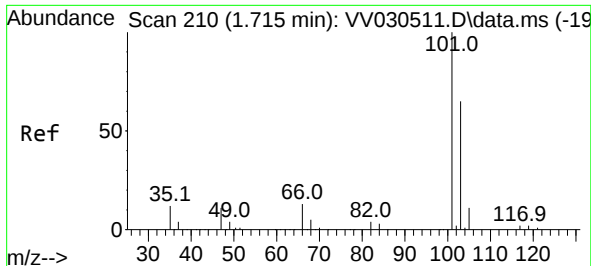
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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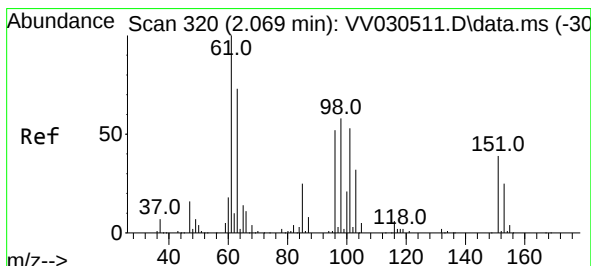
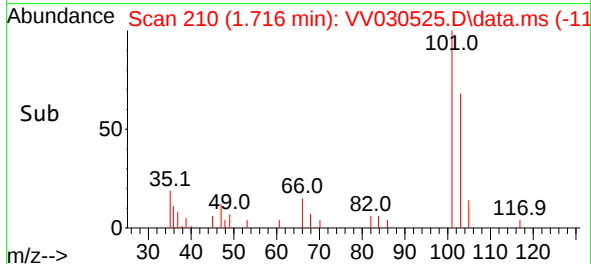
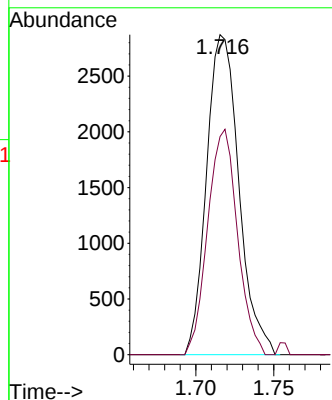
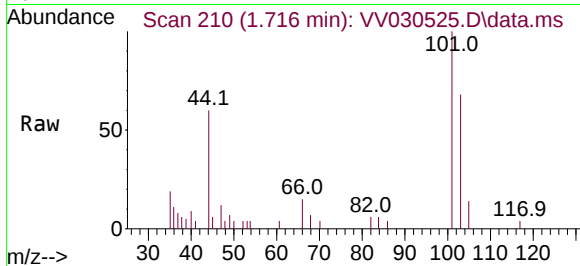




#9
 Trichlorofluoromethane
 Concen: 0.225 ug/L
 RT: 1.716 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VV030525.D
 Acq: 12 Apr 2023 18:11

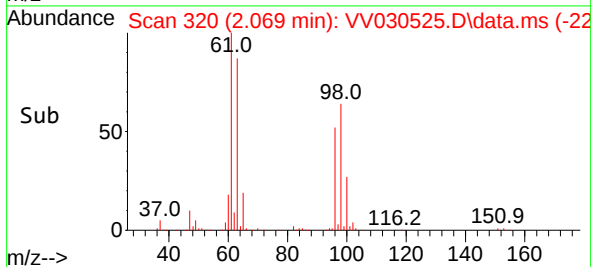
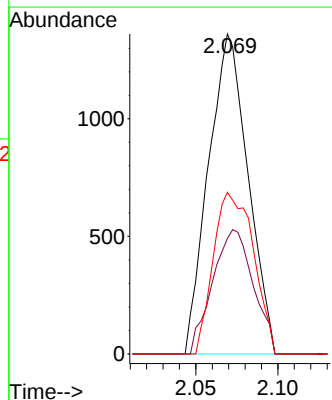
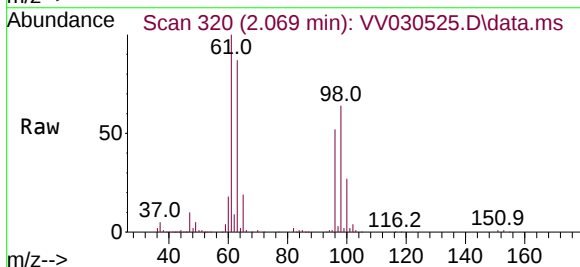
Instrument :
 MSVOA_V
 ClientSampleId :
 BHDZ3

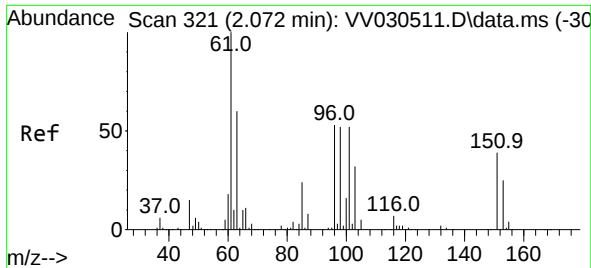
Tgt Ion:101 Resp: 4137
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.0 76.6



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.224 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV030525.D
 Acq: 12 Apr 2023 18:11

Tgt Ion:101 Resp: 2276
 Ion Ratio Lower Upper
 101 100
 85 39.9 38.1 57.1
 151 51.3 62.7 94.1#





#12

1,1-Dichloroethene

Concen: 6.184 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV030525.D

Acq: 12 Apr 2023 18:11

Instrument :

MSVOA_V

ClientSampleId :

BHDZ3

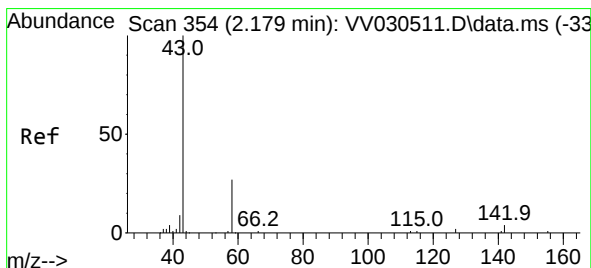
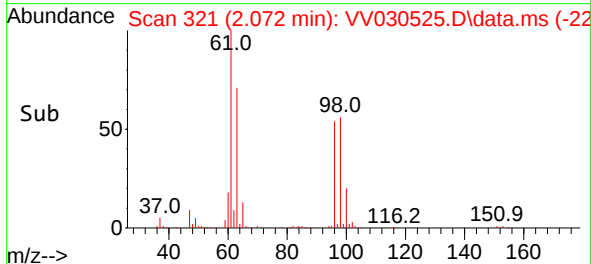
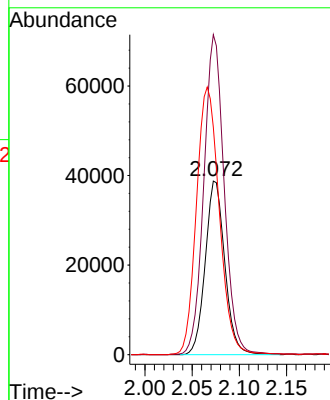
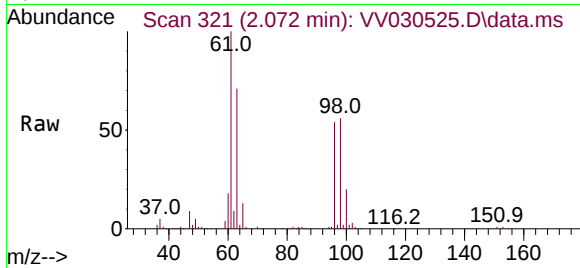
Tgt Ion: 96 Resp: 55805

Ion Ratio Lower Upper

96 100

61 184.4 136.3 253.1

63 131.1 92.1 171.1



#13

Acetone

Concen: 1.927 ug/L

RT: 2.137 min Scan# 341

Delta R.T. -0.042 min

Lab File: VV030525.D

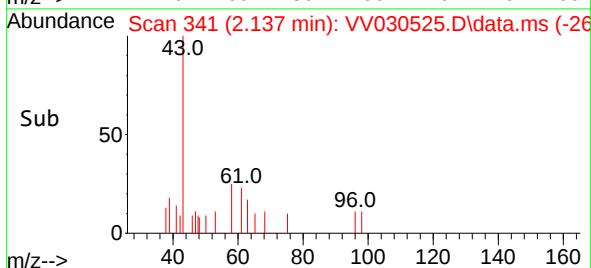
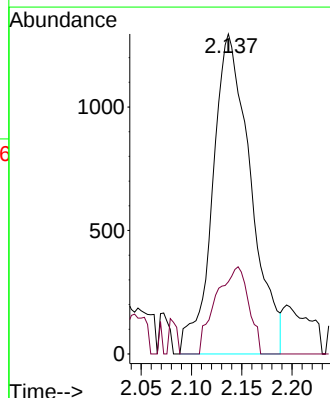
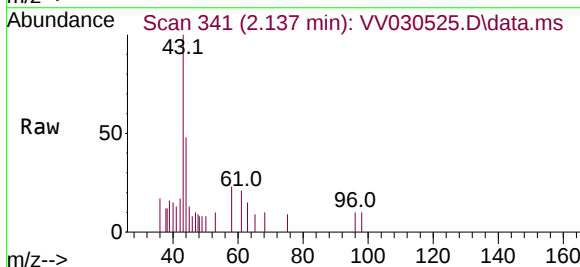
Acq: 12 Apr 2023 18:11

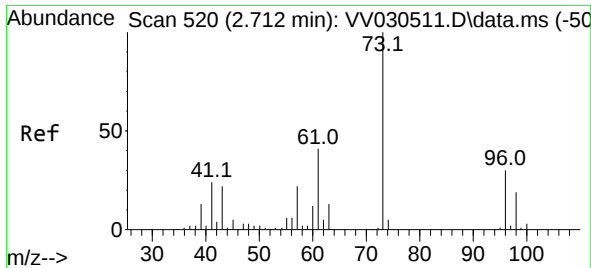
Tgt Ion: 43 Resp: 3407

Ion Ratio Lower Upper

43 100

58 23.4 0.0 40.8

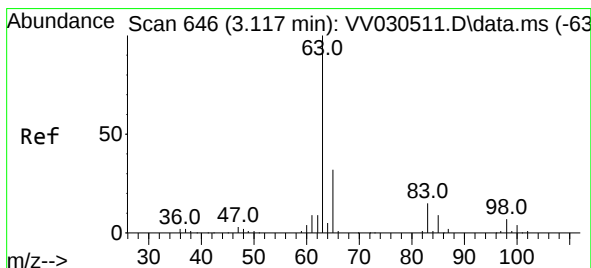
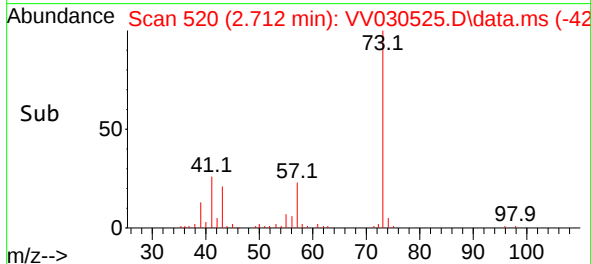
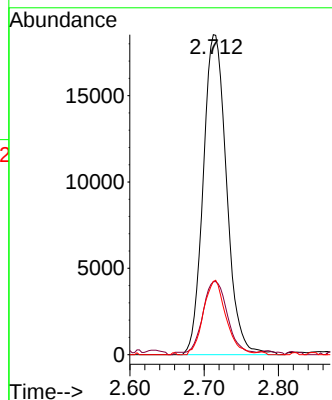
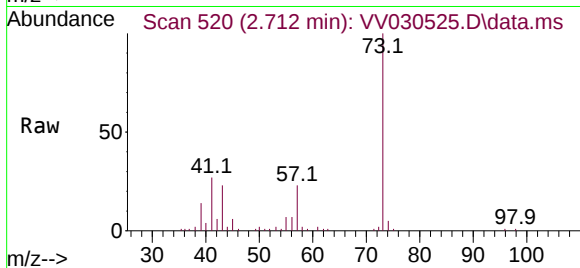




#17
Methyl tert-butyl Ether
Concen: 2.118 ug/L
RT: 2.712 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030525.D
Acq: 12 Apr 2023 18:11

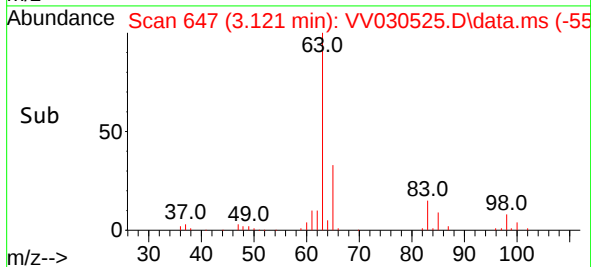
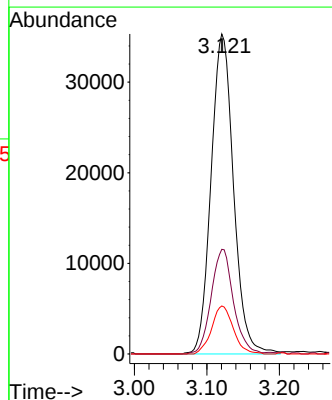
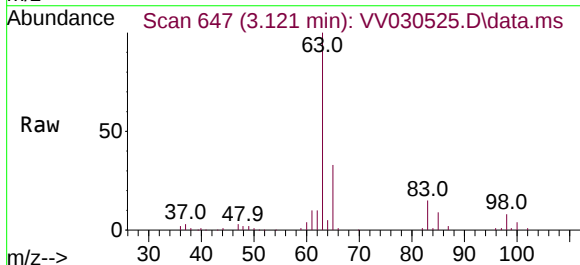
Instrument :
MSVOA_V
ClientSampleId :
BHDZ3

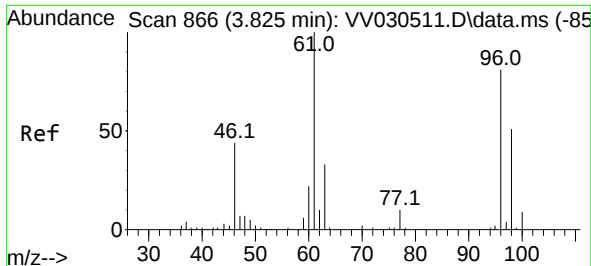
Tgt Ion: 73 Resp: 40477
Ion Ratio Lower Upper
73 100
43 23.1 17.4 26.2
57 22.5 18.3 27.5



#19
1,1-Dichloroethane
Concen: 4.127 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.003 min
Lab File: VV030525.D
Acq: 12 Apr 2023 18:11

Tgt Ion: 63 Resp: 76065
Ion Ratio Lower Upper
63 100
65 32.7 21.7 40.3
83 15.0 9.1 16.9



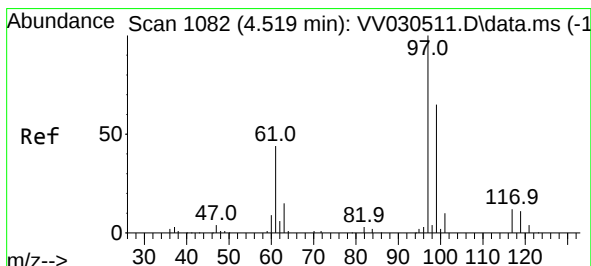
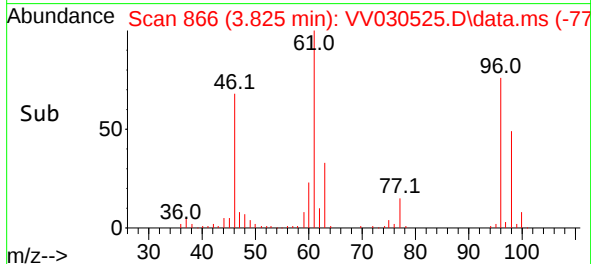
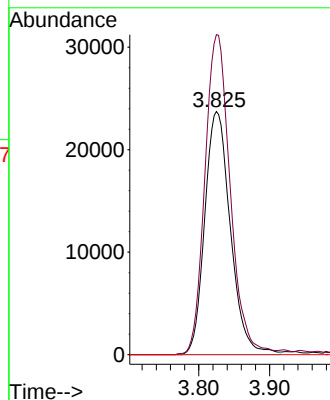
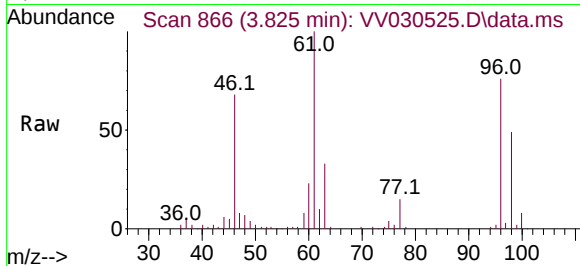


#22
 cis-1,2-Dichloroethene
 Concen: 6.256 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VV030525.D
 Acq: 12 Apr 2023 18:11

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDZ3

Tgt Ion: 96 Resp: 59682

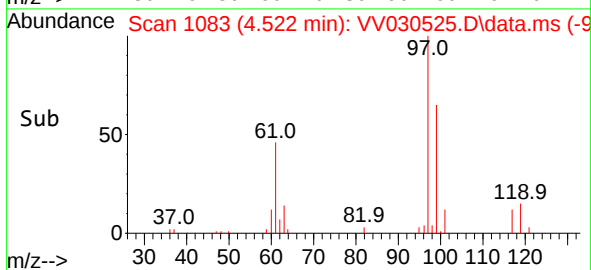
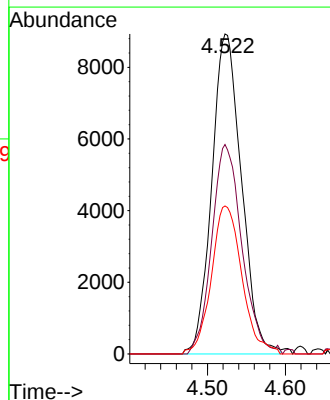
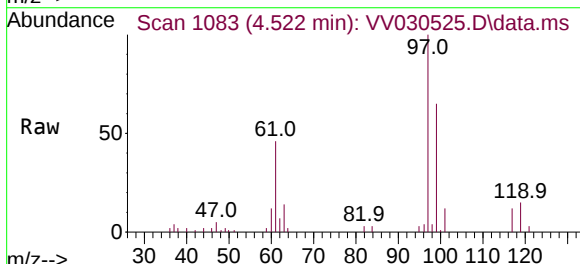
Ion	Ratio	Lower	Upper
96	100		
61	131.6	92.0	170.8
68	0.0	0.0	0.0

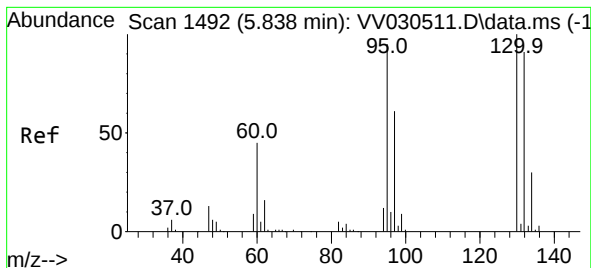


#29
 1,1,1-Trichloroethane
 Concen: 1.353 ug/L
 RT: 4.522 min Scan# 1083
 Delta R.T. 0.003 min
 Lab File: VV030525.D
 Acq: 12 Apr 2023 18:11

Tgt Ion: 97 Resp: 23578

Ion	Ratio	Lower	Upper
97	100		
99	66.2	50.9	76.3
61	47.7	35.9	53.9





#34

Trichloroethene

Concen: 159.914 ug/L

RT: 5.841 min Scan# 1492

Delta R.T. 0.003 min

Lab File: VV030525.D

Acq: 12 Apr 2023 18:11

Instrument :

MSVOA_V

ClientSampleId :

BHDZ3

Tgt Ion: 95 Resp: 1661348

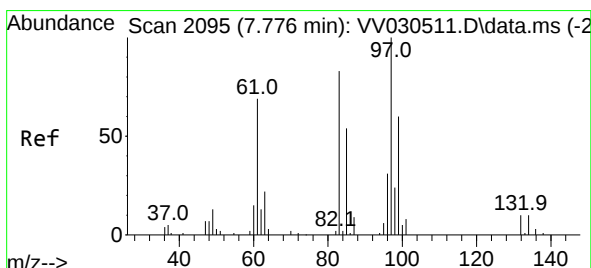
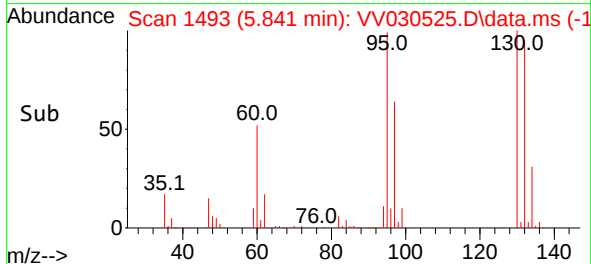
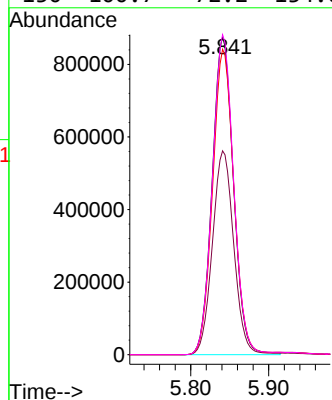
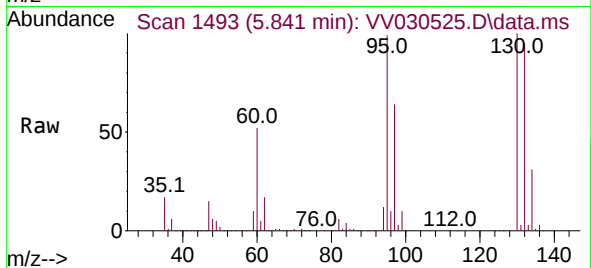
Ion Ratio Lower Upper

95 100

97 64.1 44.2 82.2

132 96.1 69.5 129.1

130 100.7 72.2 134.0



#45

1,1,2-Trichloroethane

Concen: 0.235 ug/L

RT: 7.783 min Scan# 2097

Delta R.T. 0.006 min

Lab File: VV030525.D

Acq: 12 Apr 2023 18:11

Tgt Ion: 97 Resp: 1639

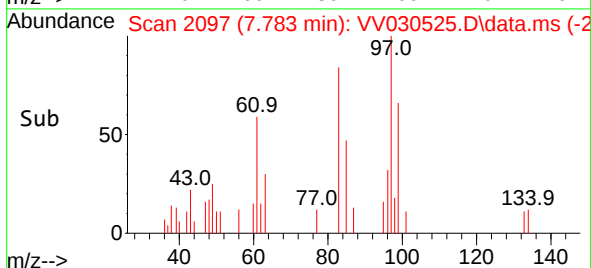
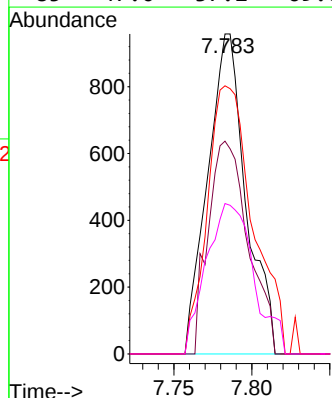
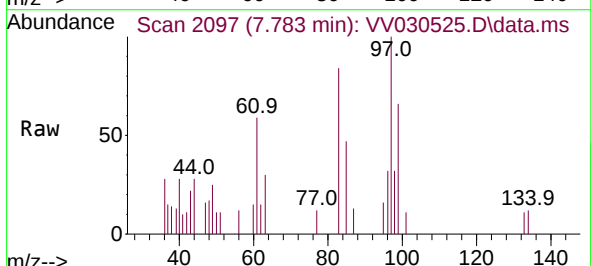
Ion Ratio Lower Upper

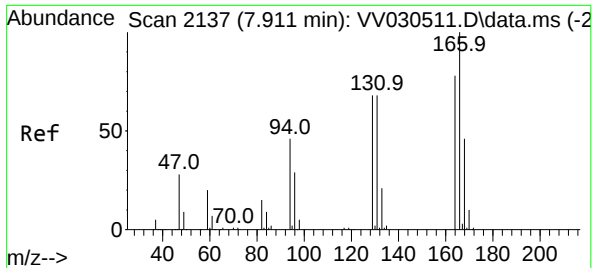
97 100

99 66.5 44.0 81.8

83 83.8 58.8 109.2

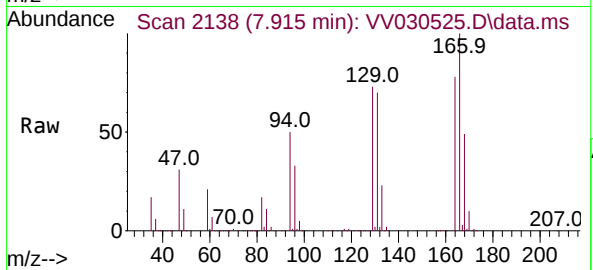
85 47.0 37.2 69.0





#47
 Tetrachloroethene
 Concen: 127.101 ug/L
 RT: 7.915 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV030525.D
 Acq: 12 Apr 2023 18:11

Instrument :
 MSVOA_V
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 BHDZ3



Tgt Ion:164 Resp: 1165371

Ion	Ratio	Lower	Upper
164	100		
129	93.1	60.8	112.8
131	89.8	61.7	114.7
166	128.0	85.6	159.0

