

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VW022826.D
 Acq On : 15 Oct 2021 05:03
 Operator : SY/MD
 Sample : M4223-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGC7

Quant Time: Oct 16 03:58:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 03:54:29 2021
 Response via : Initial Calibration

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

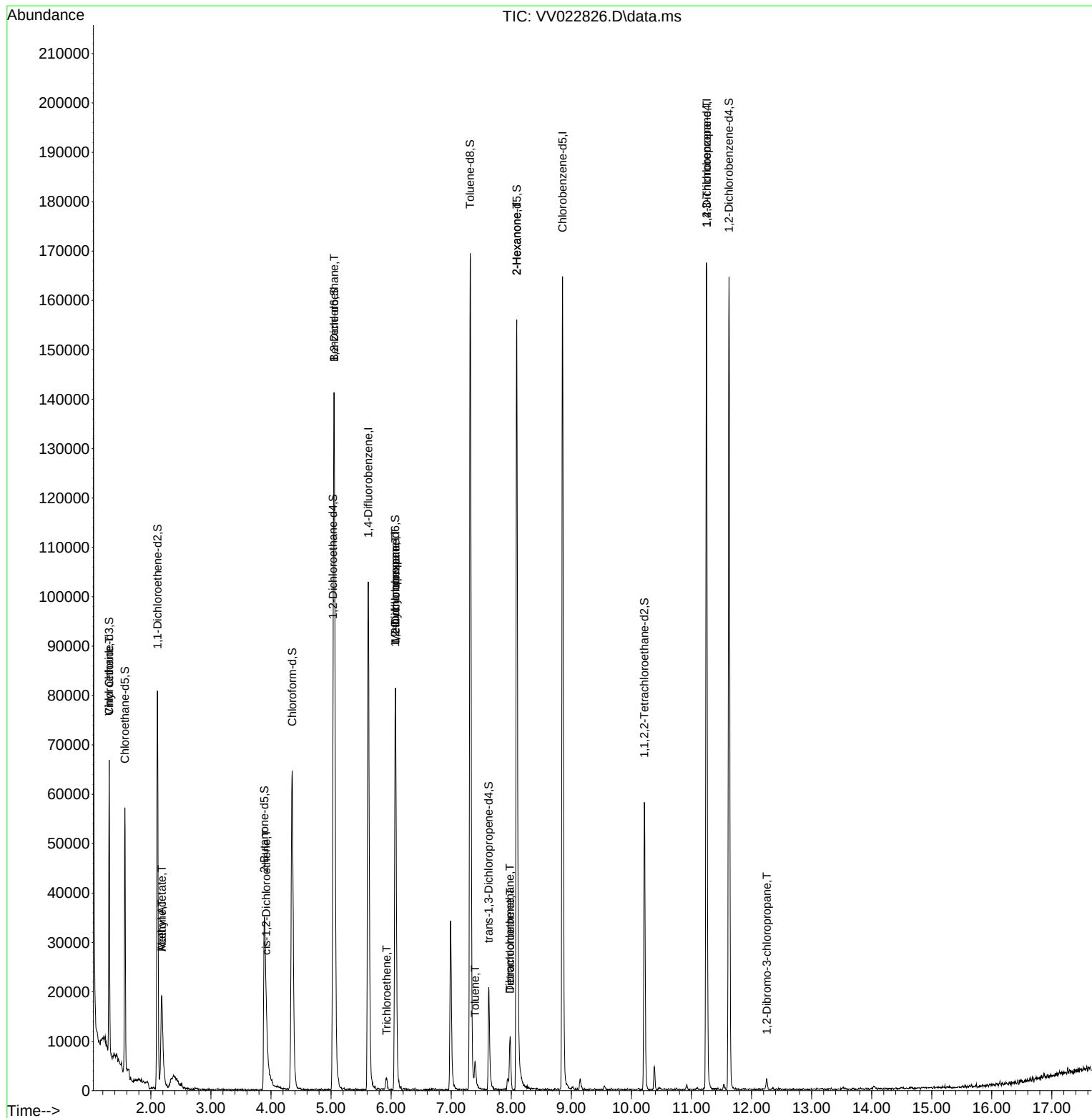
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	94243	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	94281	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	46271	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35644	5.497	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	110.000%	
7) Chloroethane-d5	1.568	69	32896	5.646	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	113.000%	
11) 1,1-Dichloroethene-d2	2.111	63	41659	3.275	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.600%	
20) 2-Butanone-d5	3.889	46	65811	38.709	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	77.420%	
24) Chloroform-d	4.352	84	69643	5.212	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
26) 1,2-Dichloroethane-d4	5.034	65	32594	5.026	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	5.053	84	130749	4.659	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
36) 1,2-Dichloropropane-d6	6.069	67	39371	4.737	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.800%	
41) Toluene-d8	7.317	98	114304	4.711	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
43) trans-1,3-Dichloroprop...	7.625	79	11751	4.262	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.200%	
46) 2-Hexanone-d5	8.092	63	53709	48.335	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.680%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26614	4.727	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	45914	5.352	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.000%	
Target Compounds						
8) Chloroethane	1.307	64	502	0.114	ug/L #	1
13) Acetone	2.182	43	30720	32.404	ug/L #	51
15) Methyl Acetate	2.182	43	28391	10.466	ug/L #	50
22) cis-1,2-Dichloroethene	3.921	96	783	0.120	ug/L	74
27) 1,2-Dichloroethane	5.053	62	875	0.136	ug/L #	69
34) Trichloroethene	5.924	95	389	0.056	ug/L	86
35) Methylcyclohexane	6.072	83	10073	1.041	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	4466	0.731	ug/L #	84
42) Toluene	7.397	91	5154	0.200	ug/L	92
47) Tetrachloroethene	7.982	164	2435	0.436	ug/L	87
48) 2-Hexanone	8.092	43	6328	2.637	ug/L #	70
49) Dibromochloromethane	7.979	129	2354	0.444	ug/L #	7
61) 1,2,3-Trichloropropane	11.252	75	4382	1.363	ug/L #	60
68) 1,2-Dibromo-3-chloropr...	12.252	75	53	0.091	ug/L #	1

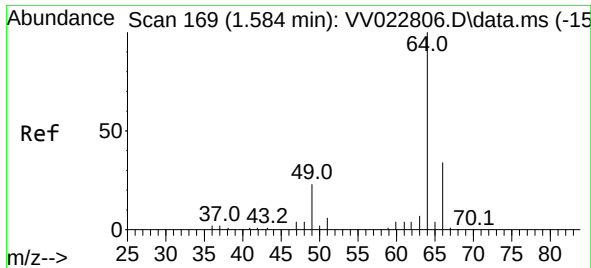
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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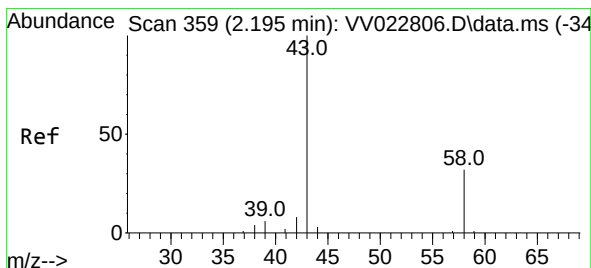
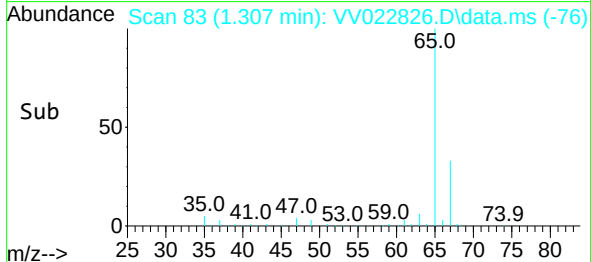
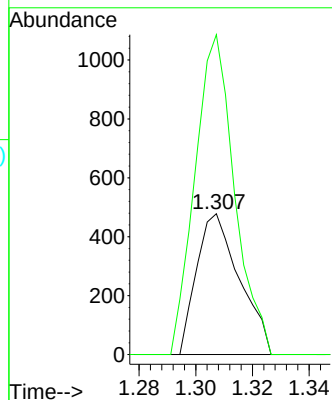
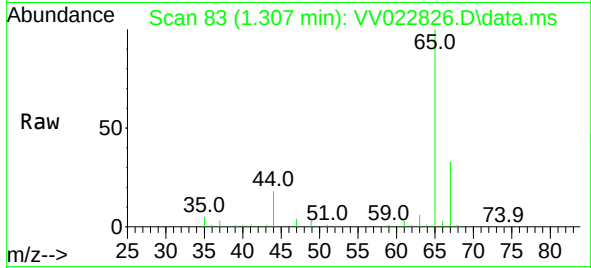




#8
Chloroethane
Concen: 0.114 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.277 min
Lab File: VV022826.D
Acq: 15 Oct 2021 05:03

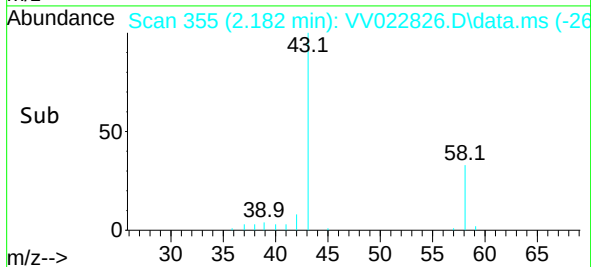
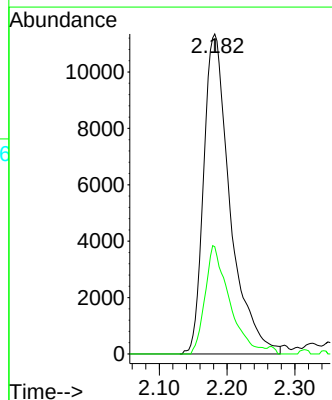
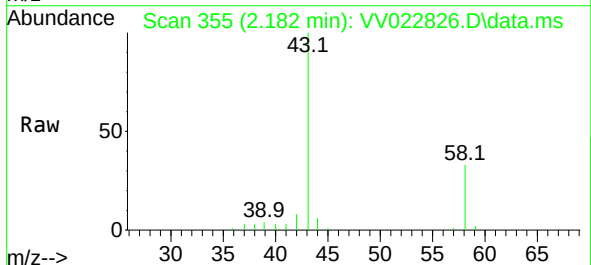
Instrument :
MSVOA_V
ClientSampled :
BFGC7

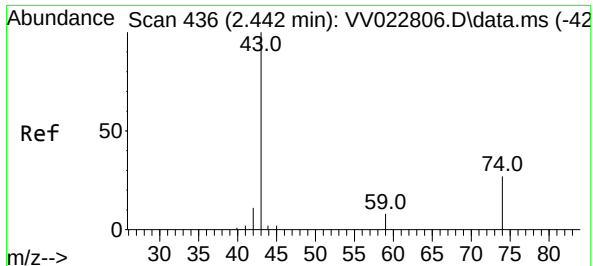
Tgt Ion: 64 Resp: 502
Ion Ratio Lower Upper
64 100
66 227.2 22.9 42.5#



#13
Acetone
Concen: 32.404 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.013 min
Lab File: VV022826.D
Acq: 15 Oct 2021 05:03

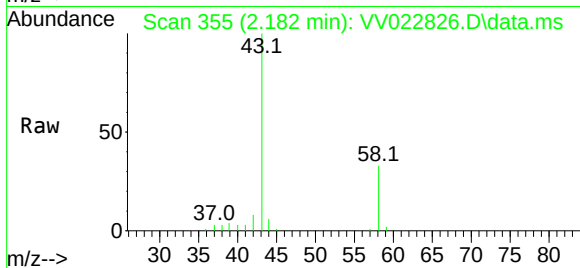
Tgt Ion: 43 Resp: 30720
Ion Ratio Lower Upper
43 100
58 31.1 0.0 24.2#



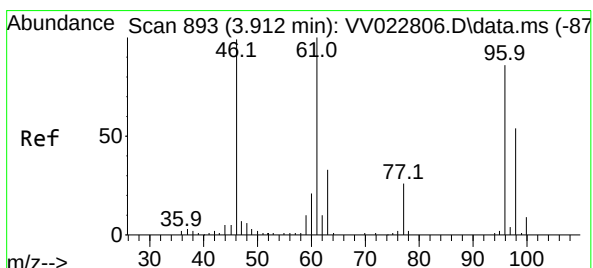
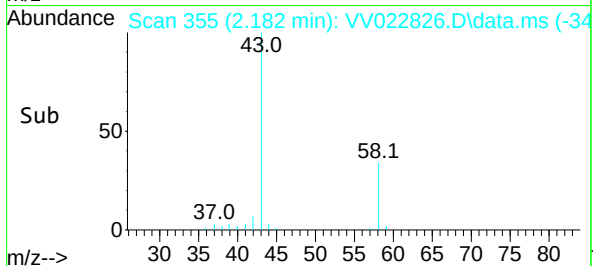
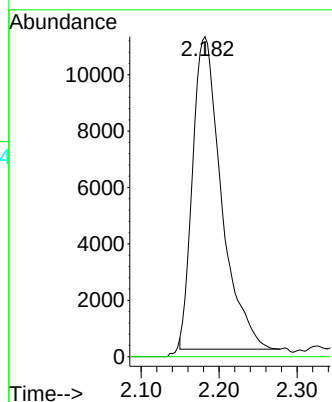


#15
Methyl Acetate
Concen: 10.466 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.260 min
Lab File: VV022826.D
Acq: 15 Oct 2021 05:03

Instrument :
MSVOA_V
ClientSampleId :
BFGC7

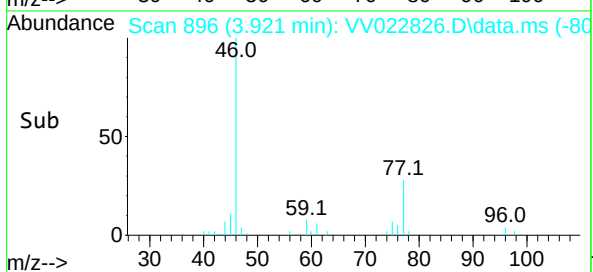
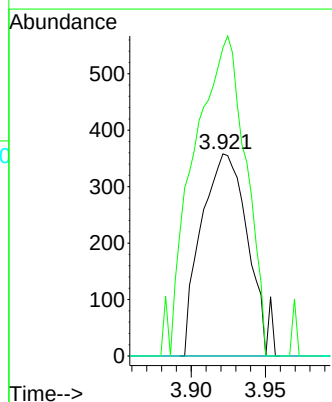
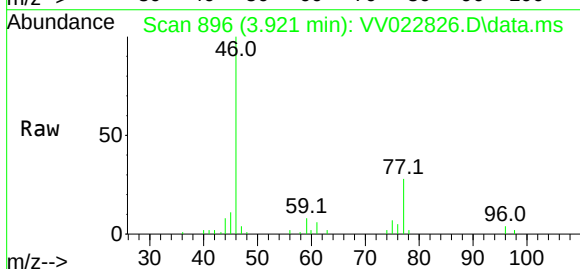


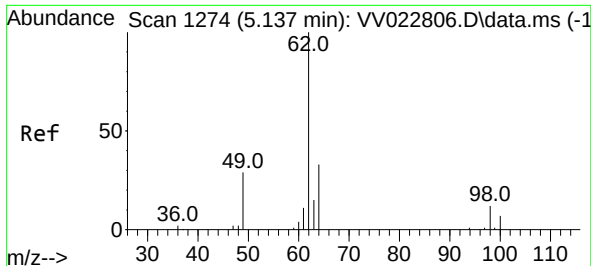
Tgt Ion: 43 Resp: 28391
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#22
cis-1,2-Dichloroethene
Concen: 0.120 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.010 min
Lab File: VV022826.D
Acq: 15 Oct 2021 05:03

Tgt Ion: 96 Resp: 783
Ion Ratio Lower Upper
96 100
61 152.5 86.0 159.6
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.136 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.084 min

Lab File: VV022826.D

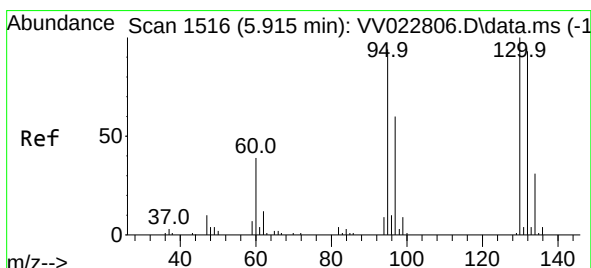
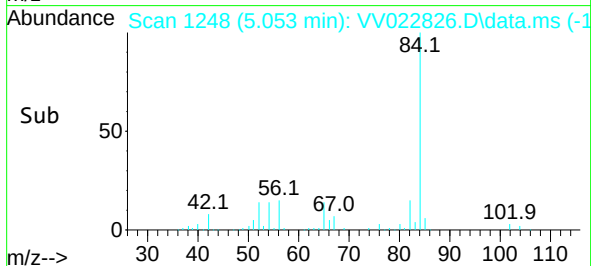
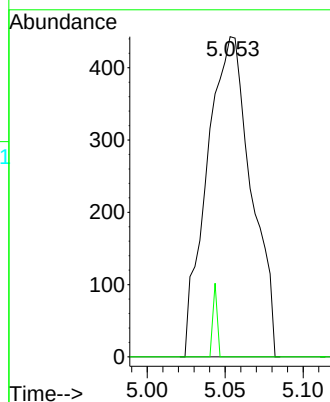
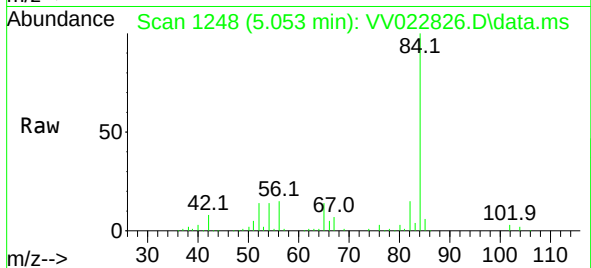
Acq: 15 Oct 2021 05:03

Tgt Ion: 62 Resp: 875

Ion Ratio Lower Upper

62 100

98 0.0 9.7 14.5#



#34

Trichloroethene

Concen: 0.056 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.010 min

Lab File: VV022826.D

Acq: 15 Oct 2021 05:03

Tgt Ion: 95 Resp: 389

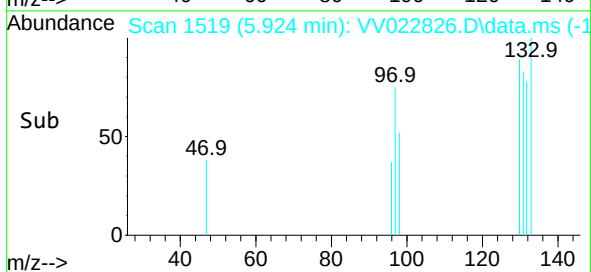
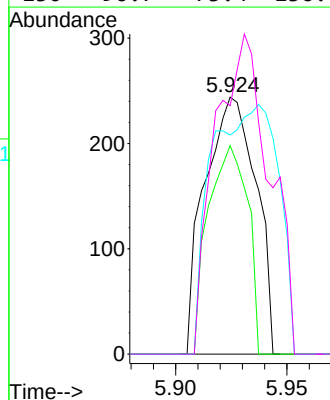
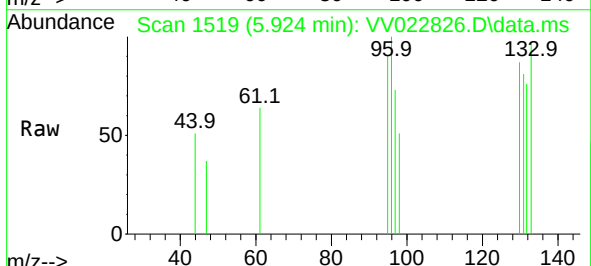
Ion Ratio Lower Upper

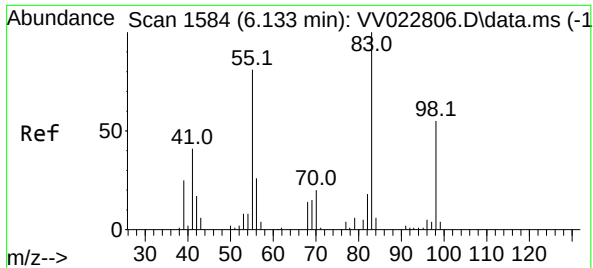
95 100

97 81.1 45.8 85.2

132 85.2 72.2 134.0

130 96.7 73.4 136.4

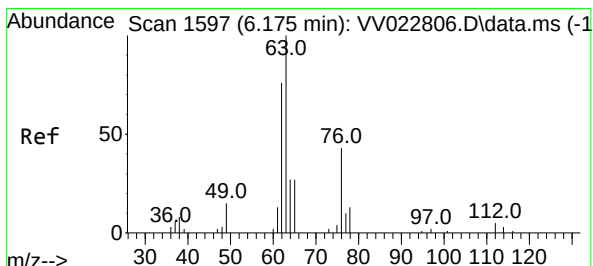
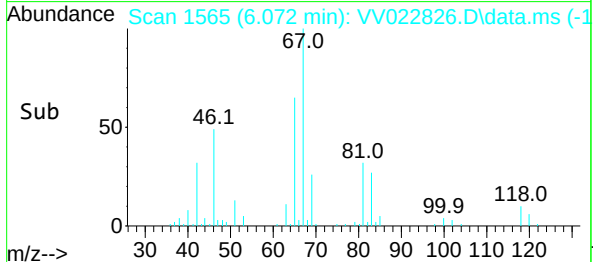
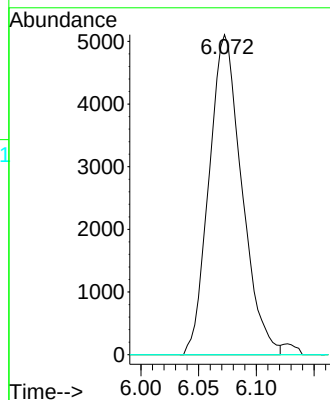
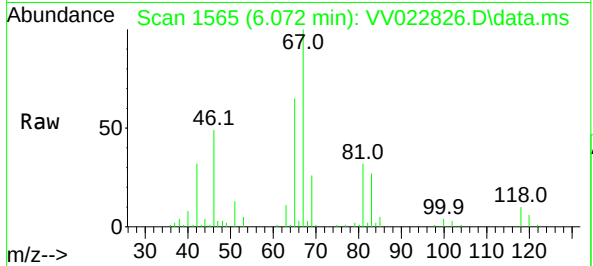




#35
Methylcyclohexane
Concen: 1.041 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV022826.D
Acq: 15 Oct 2021 05:03

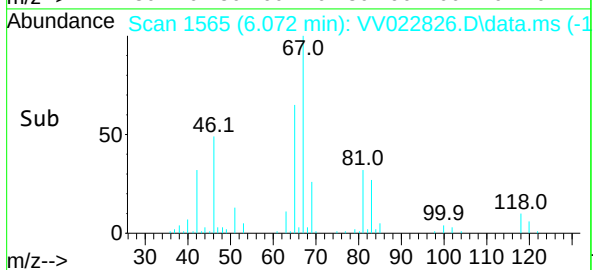
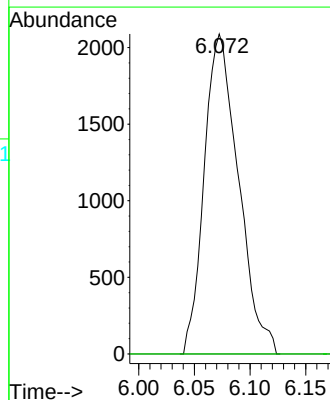
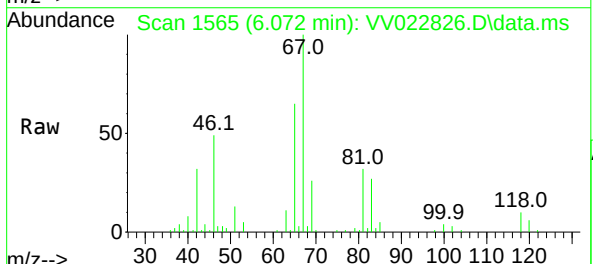
Instrument :
MSVOA_V
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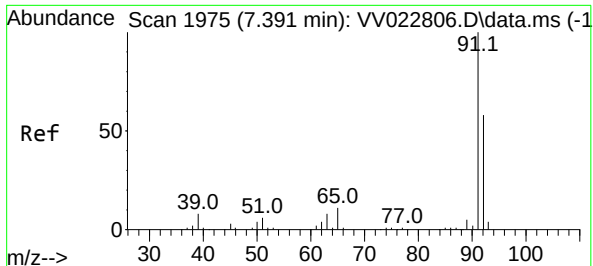
Tgt Ion: 83 Resp: 10073
Ion Ratio Lower Upper
83 100
55 0.0 63.8 95.6#
98 2.7 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.731 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022826.D
Acq: 15 Oct 2021 05:03

Tgt Ion: 63 Resp: 4466
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#





#42

Toluene

Concen: 0.200 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VV022826.D

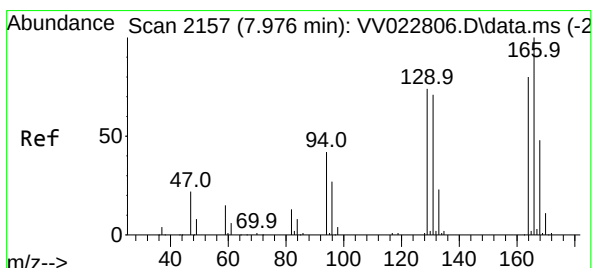
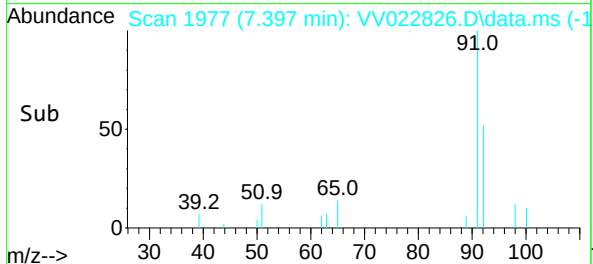
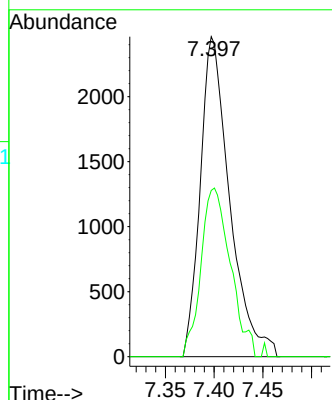
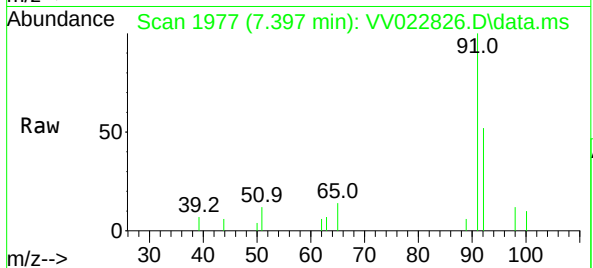
Acq: 15 Oct 2021 05:03

Tgt Ion: 91 Resp: 5154

Ion Ratio Lower Upper

91 100

92 52.0 40.7 75.7



#47

Tetrachloroethene

Concen: 0.436 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV022826.D

Acq: 15 Oct 2021 05:03

Tgt Ion: 164 Resp: 2435

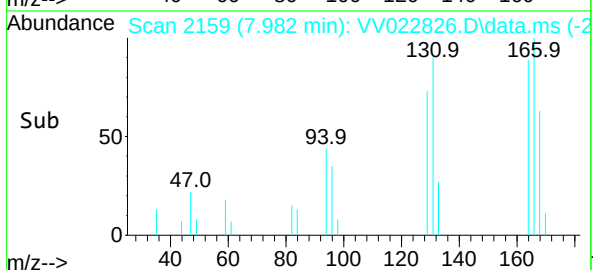
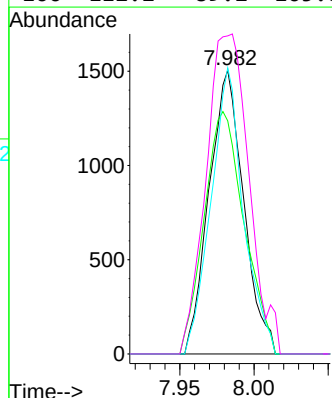
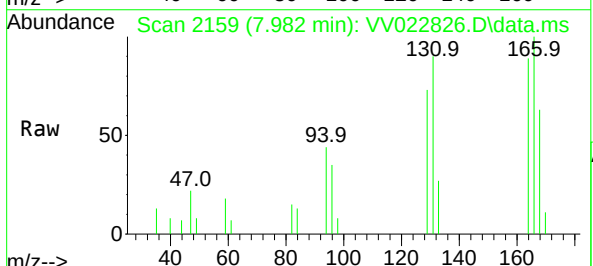
Ion Ratio Lower Upper

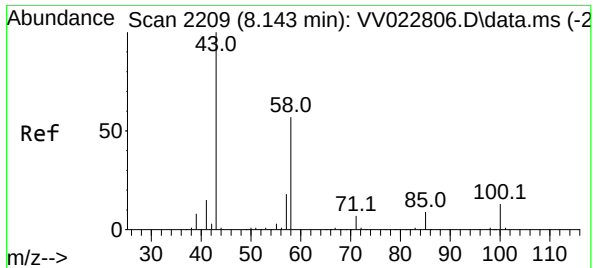
164 100

129 82.2 65.0 120.6

131 100.9 62.2 115.4

166 112.2 89.2 165.8

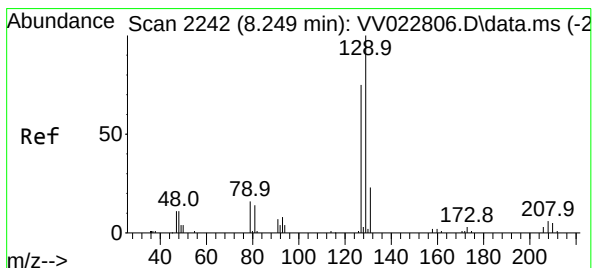
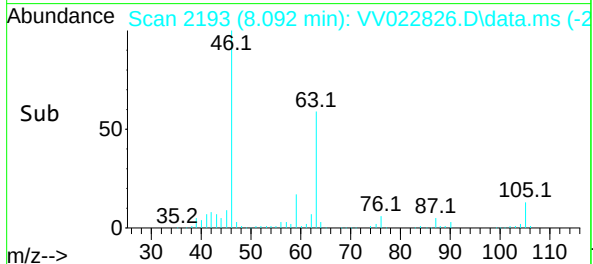
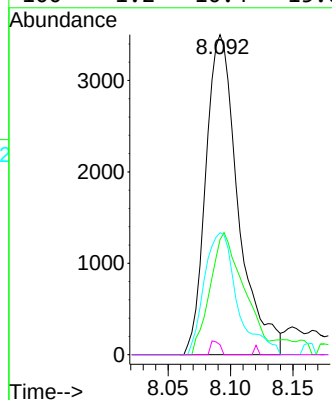
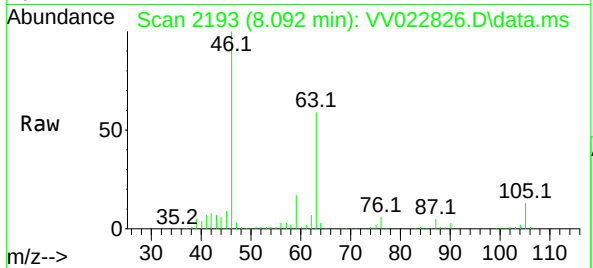




#48
2-Hexanone
Concen: 2.637 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.051 min
Lab File: VV022826.D
Acq: 15 Oct 2021 05:03

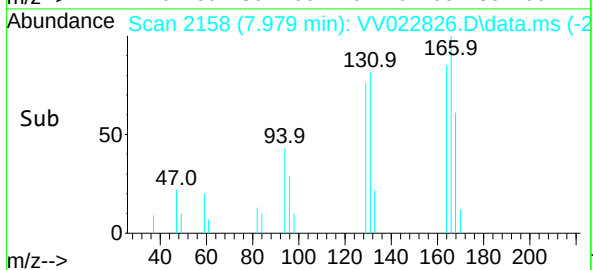
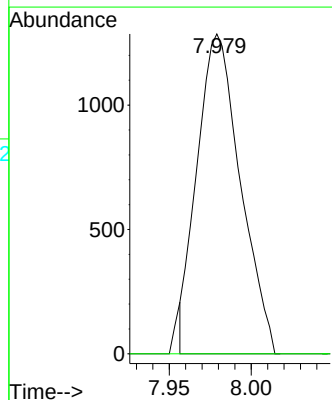
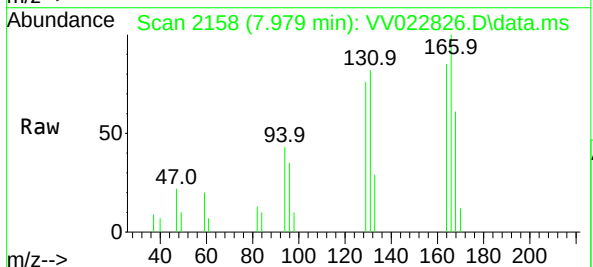
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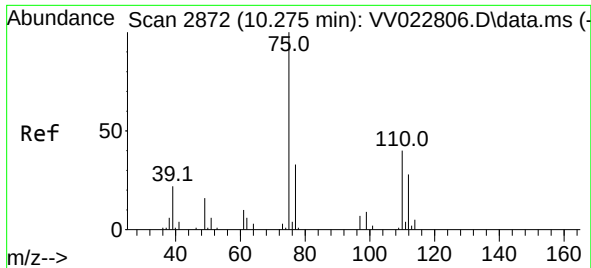
Tgt Ion: 43	Resp: 6328
Ion Ratio	Lower Upper
43 100	
58 40.3	47.4 71.0#
57 38.9	15.3 22.9#
100 1.2	10.4 15.6#



#49
Dibromochloromethane
Concen: 0.444 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.270 min
Lab File: VV022826.D
Acq: 15 Oct 2021 05:03

Tgt Ion:129	Resp: 2354		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	59.1	109.9#	

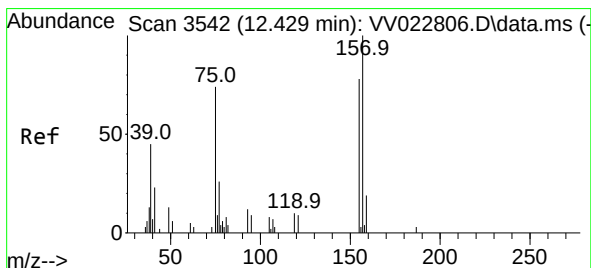
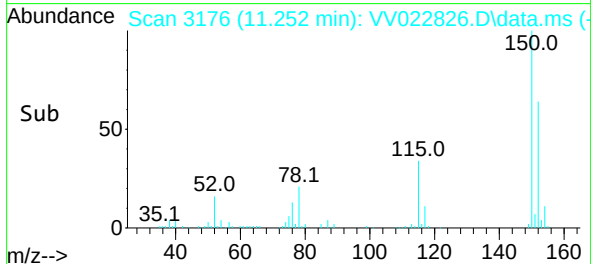
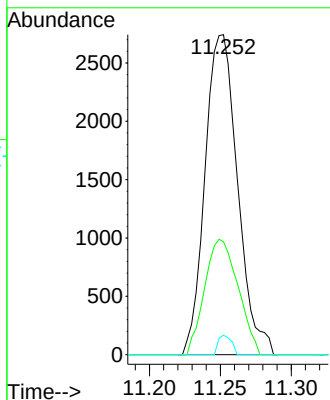
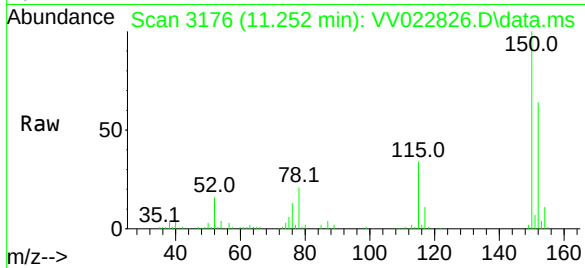




#61
1,2,3-Trichloropropane
Concen: 1.363 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV022826.D
Acq: 15 Oct 2021 05:03

Instrument :
MSVOA_V
ClientSampled :
BFGC7

Tgt Ion: 75 Resp: 4382
Ion Ratio Lower Upper
75 100
77 37.0 25.4 38.2
110 2.5 34.2 51.4#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.091 ug/L
RT: 12.252 min Scan# 3487
Delta R.T. -0.177 min
Lab File: VV022826.D
Acq: 15 Oct 2021 05:03

Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
155 0.0 82.4 123.6#
157 0.0 114.1 171.1#

