

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023010.D
 Acq On : 23 Oct 2021 15:23
 Operator : SY/MD
 Sample : M4277-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA7

Quant Time: Oct 25 01:06:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

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

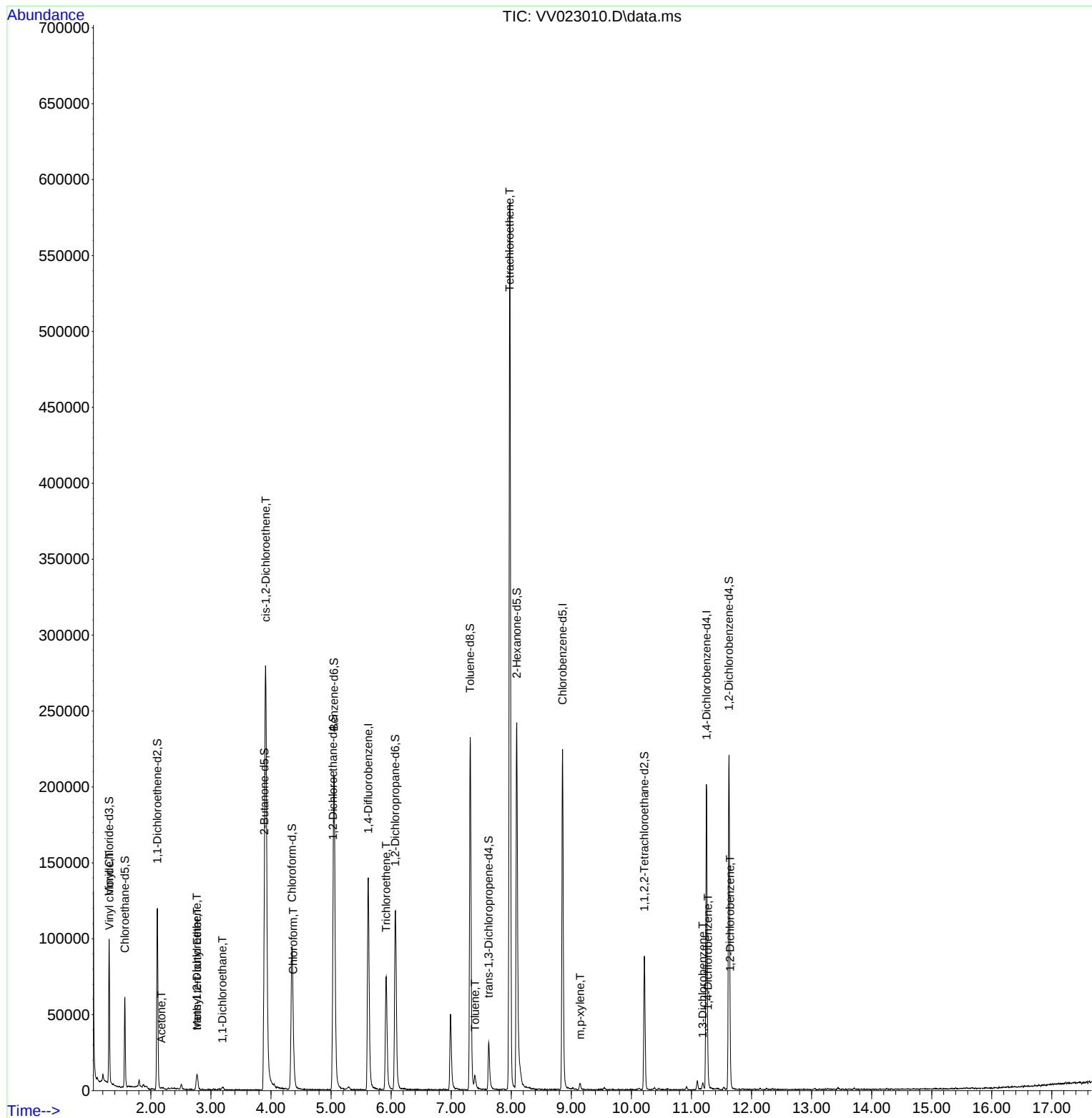
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123927	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126065	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53384	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	56703	5.236	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.800%
7) Chloroethane-d5	1.568	69	34695	5.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.108	63	60978	3.903	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	3.889	46	111133	63.975	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.960%
24) Chloroform-d	4.349	84	95831	5.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
26) 1,2-Dichloroethane-d4	5.034	65	45143	5.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	5.050	84	191905	5.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.069	67	60357	5.327	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.317	98	157169	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	7.625	79	18849	4.748	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.092	63	77614	52.809	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.620%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41958	5.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	58236	6.114	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.200%#
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	2802	0.319	ug/L #	64
13) Acetone	2.175	43	1847	2.167	ug/L	91
17) Methyl tert-butyl Ether	2.770	73	7630	0.504	ug/L	96
18) trans-1,2-Dichloroethene	2.767	96	1015	0.150	ug/L	85
19) 1,1-Dichloroethane	3.191	63	2098	0.169	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	143293	18.658	ug/L #	91
25) Chloroform	4.371	83	5817	0.354	ug/L	100
34) Trichloroethene	5.918	95	26767	3.141	ug/L	97
42) Toluene	7.397	91	6220	0.181	ug/L	96
47) Tetrachloroethene	7.976	164	133272	18.509	ug/L	98
53) m,p-xylene	9.146	106	1310	0.096	ug/L	94
64) 1,3-Dichlorobenzene	11.188	146	2355	0.166	ug/L #	85
65) 1,4-Dichlorobenzene	11.275	146	2002	0.139	ug/L	95
67) 1,2-Dichlorobenzene	11.644	146	2161	0.163	ug/L	91

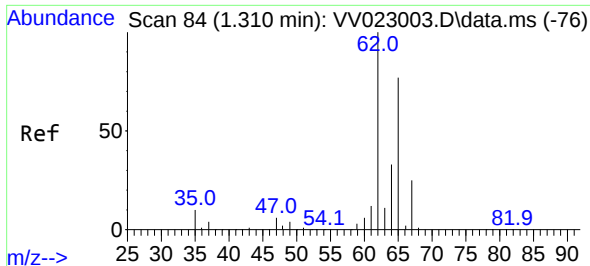
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 25 01:03:32 2021
Response via : Initial Calibration

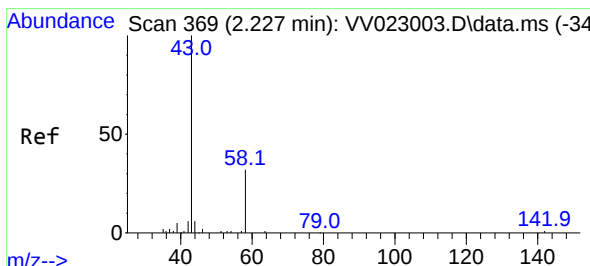
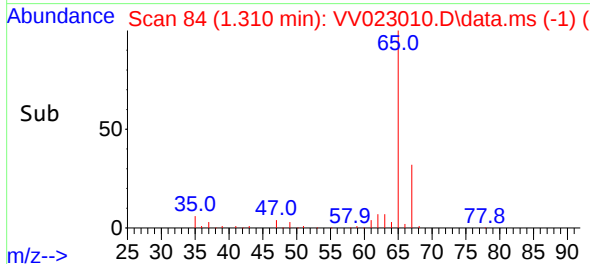
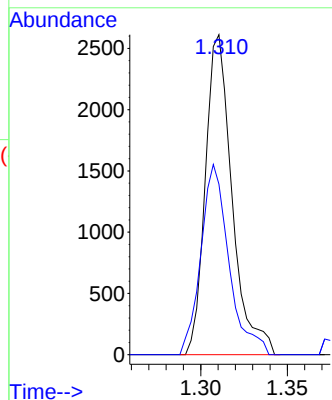
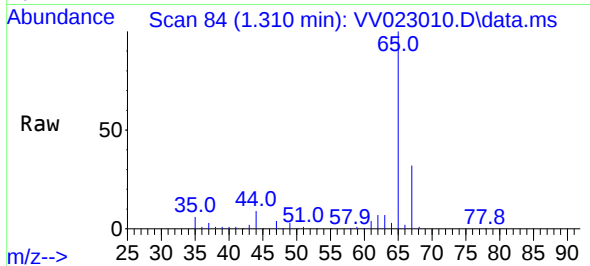




#5
 Vinyl chloride
 Concen: 0.319 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023010.D
 Acq: 23 Oct 2021 15:23

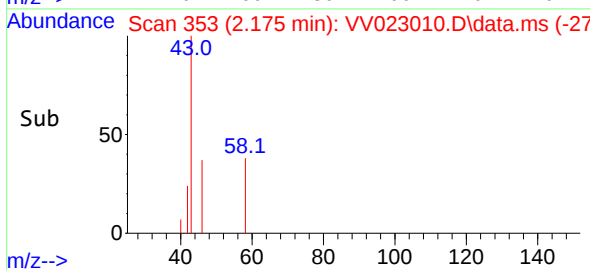
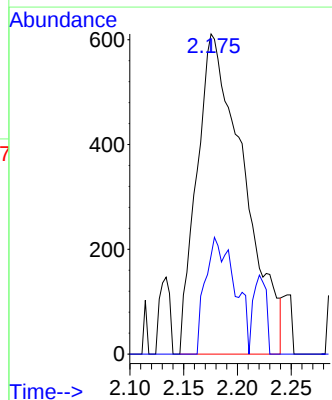
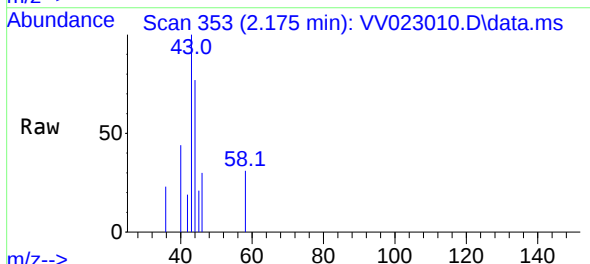
Instrument :
 MSVOA_V
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 BFGA7

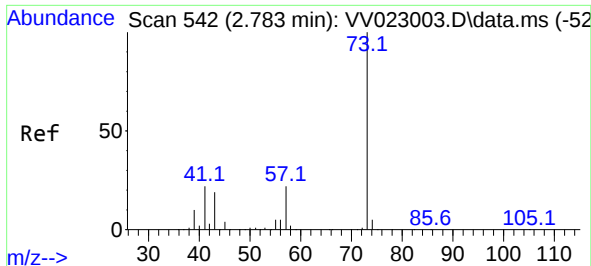
Tgt Ion: 62 Resp: 2802
 Ion Ratio Lower Upper
 62 100
 64 53.3 23.1 42.9#



#13
 Acetone
 Concen: 2.167 ug/L
 RT: 2.175 min Scan# 353
 Delta R.T. -0.051 min
 Lab File: VV023010.D
 Acq: 23 Oct 2021 15:23

Tgt Ion: 43 Resp: 1847
 Ion Ratio Lower Upper
 43 100
 58 22.8 0.0 55.4

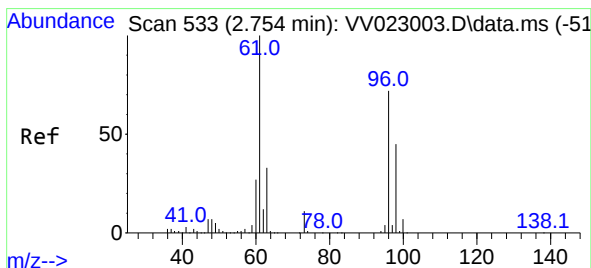
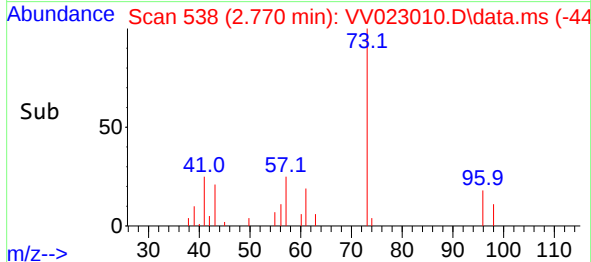
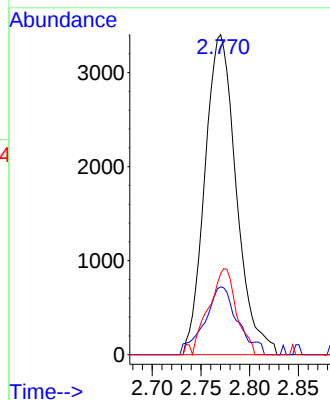
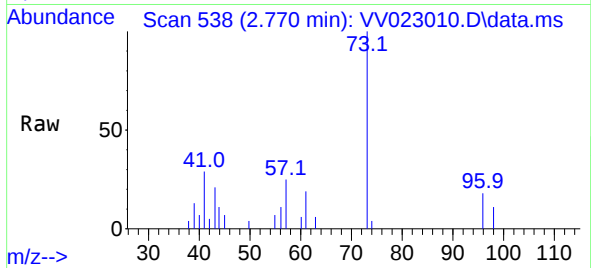




#17
Methyl tert-butyl Ether
Concen: 0.504 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.013 min
Lab File: VV023010.D
Acq: 23 Oct 2021 15:23

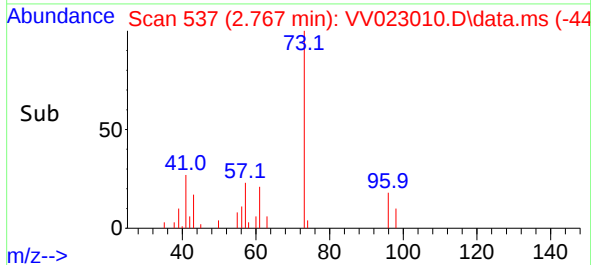
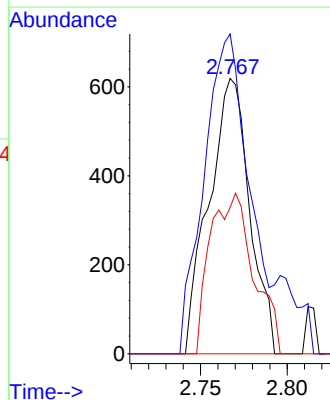
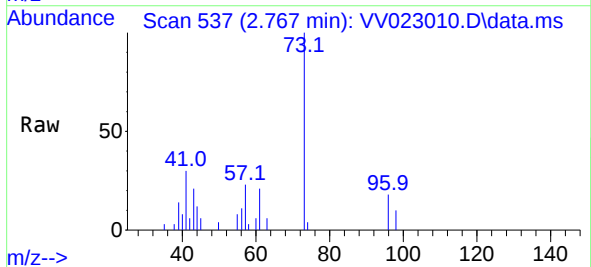
Instrument :
MSVOA_V
ClientSampleId :
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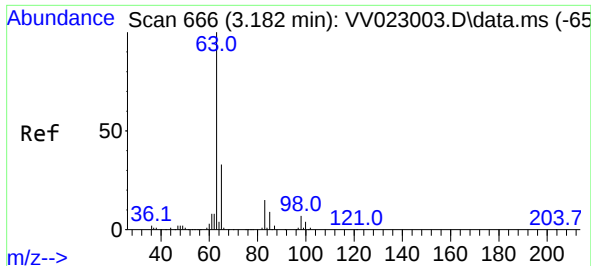
Tgt Ion: 73 Resp: 7630
Ion Ratio Lower Upper
73 100
43 22.3 17.4 26.0
57 24.1 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 0.150 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.013 min
Lab File: VV023010.D
Acq: 23 Oct 2021 15:23

Tgt Ion: 96 Resp: 1015
Ion Ratio Lower Upper
96 100
61 116.2 93.2 173.2
98 53.2 47.0 87.2

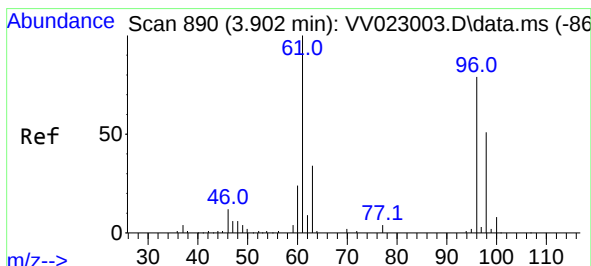
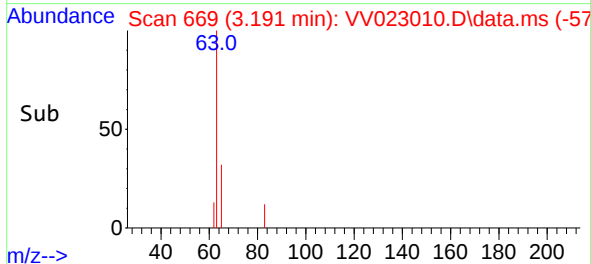
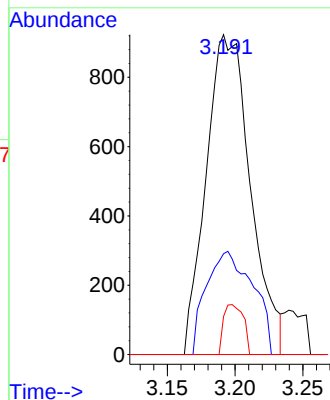
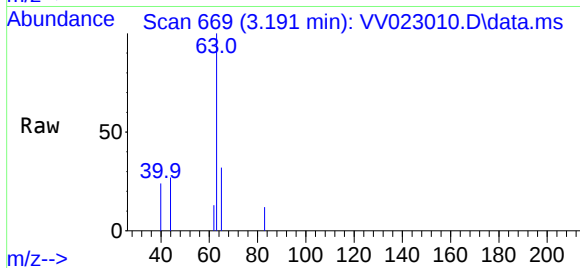




#19
1,1-Dichloroethane
Concen: 0.169 ug/L
RT: 3.191 min Scan# 609
Delta R.T. 0.010 min
Lab File: VV023010.D
Acq: 23 Oct 2021 15:23

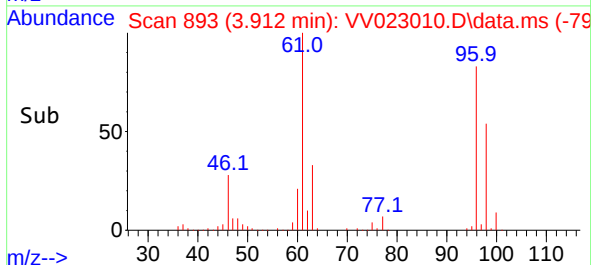
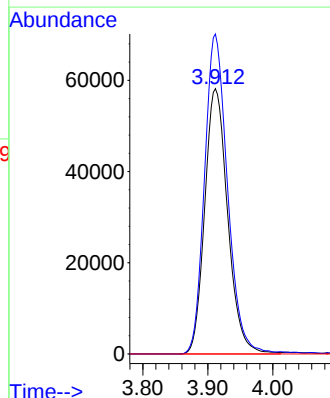
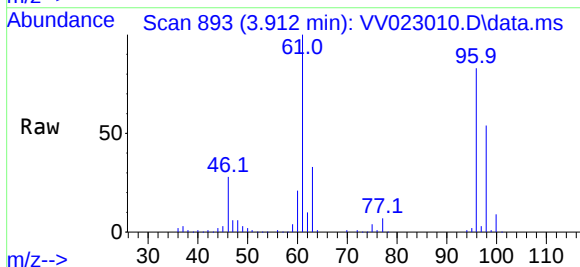
Instrument :
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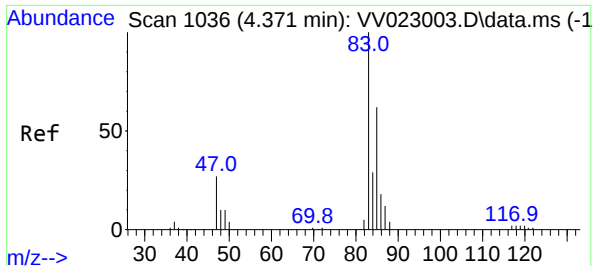
Tgt Ion: 63	Resp: 2098
Ion Ratio	Lower Upper
63 100	
65 31.5	22.6 42.0
83 11.9	11.1 20.7



#22
cis-1,2-Dichloroethene
Concen: 18.658 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV023010.D
Acq: 23 Oct 2021 15:23

Tgt Ion: 96	Resp: 143293
Ion Ratio	Lower Upper
96 100	
61 120.6	92.3 171.3
68 0.0	0.4 0.8#

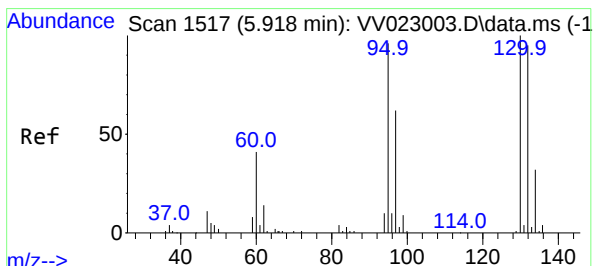
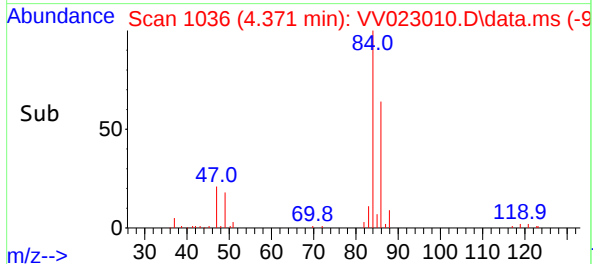
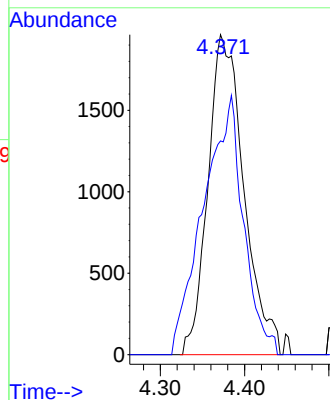
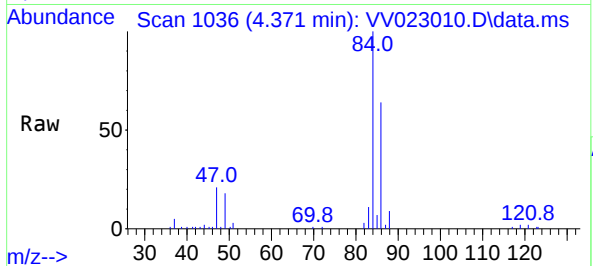




#25
Chloroform
Concen: 0.354 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV023010.D
Acq: 23 Oct 2021 15:23

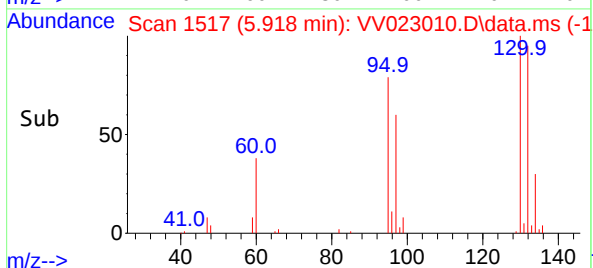
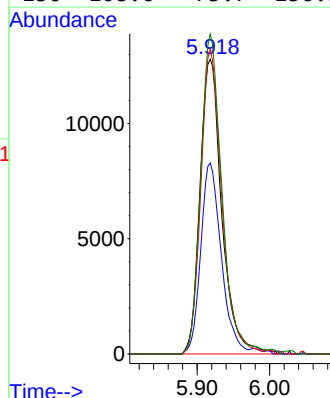
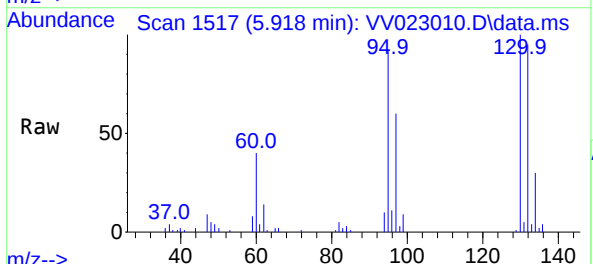
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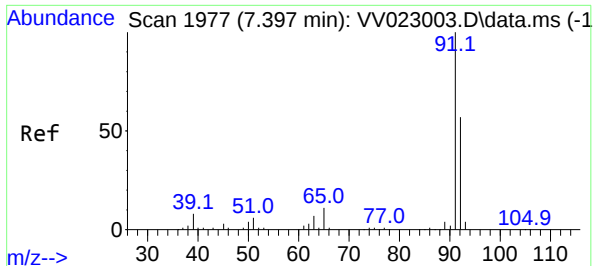
Tgt Ion: 83 Resp: 5817
Ion Ratio Lower Upper
83 100
85 66.8 46.8 86.8



#34
Trichloroethene
Concen: 3.141 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV023010.D
Acq: 23 Oct 2021 15:23

Tgt Ion: 95 Resp: 26767
Ion Ratio Lower Upper
95 100
97 64.8 45.0 83.6
132 103.4 69.7 129.4
130 108.6 73.7 136.9





#42

Toluene

Concen: 0.181 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VV023010.D

Acq: 23 Oct 2021 15:23

Instrument :

MSVOA_V

ClientSampleId :

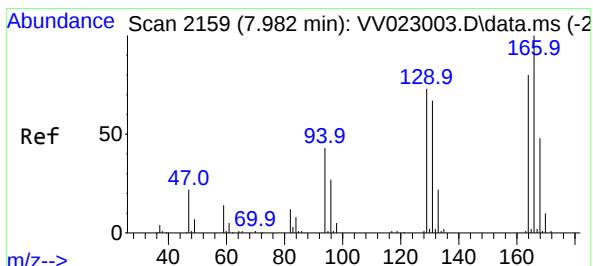
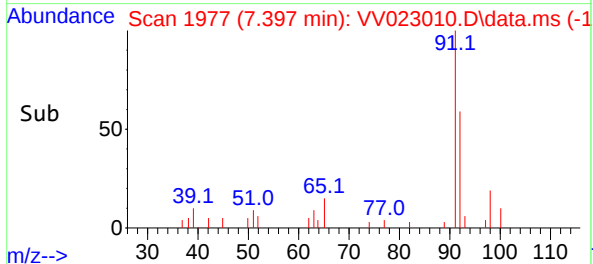
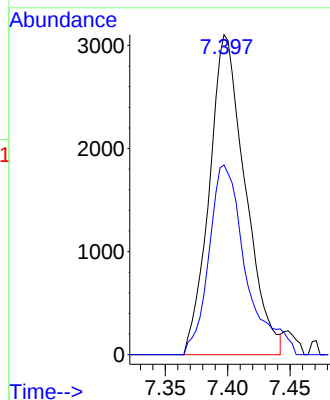
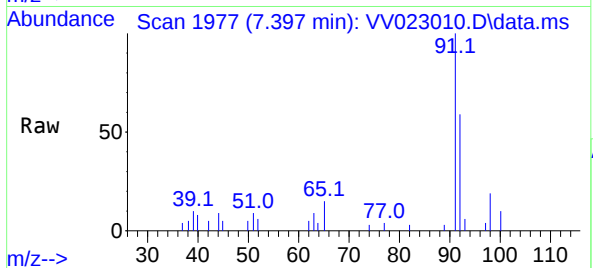
BFGA7

Tgt Ion: 91 Resp: 6220

Ion Ratio Lower Upper

91 100

92 59.3 39.3 72.9



#47

Tetrachloroethene

Concen: 18.509 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.006 min

Lab File: VV023010.D

Acq: 23 Oct 2021 15:23

Tgt Ion: 164 Resp: 133272

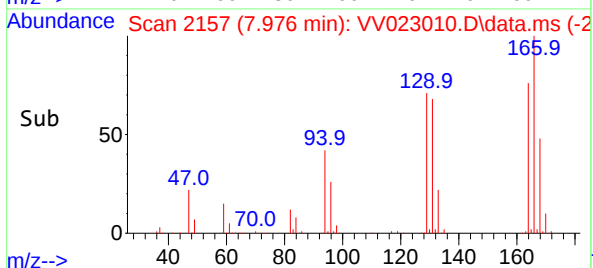
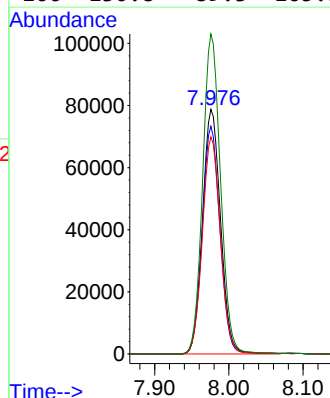
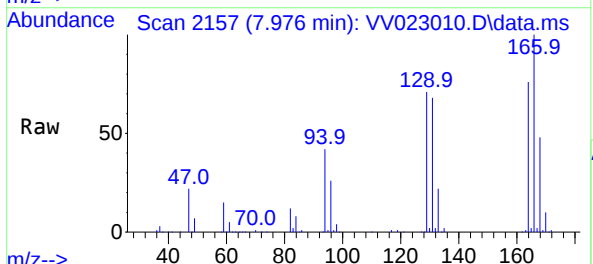
Ion Ratio Lower Upper

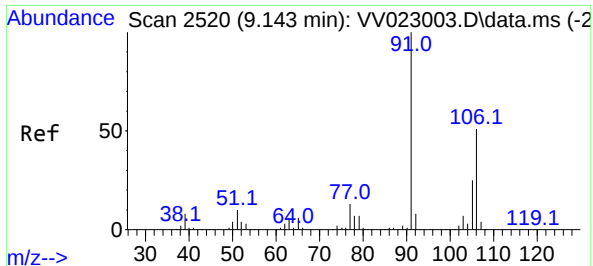
164 100

129 93.1 64.0 119.0

131 88.8 63.4 117.8

166 130.8 89.3 165.9

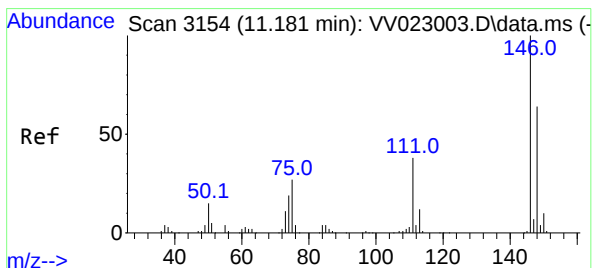
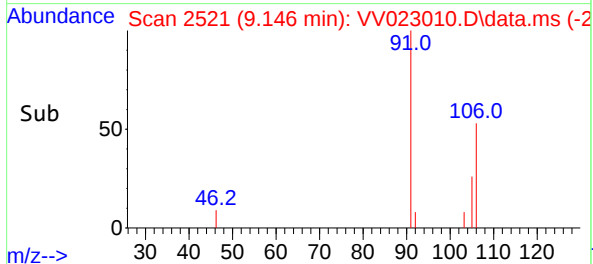
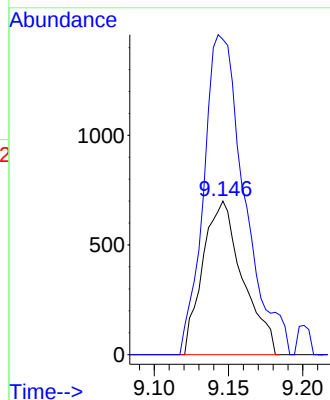
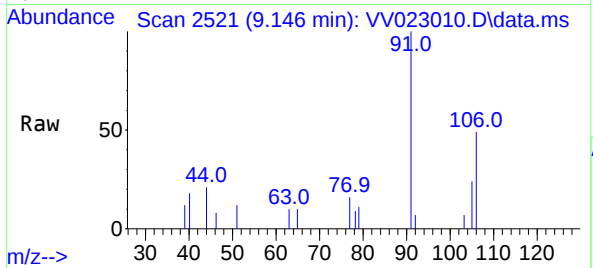




#53
m,p-xylene
Concen: 0.096 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023010.D
Acq: 23 Oct 2021 15:23

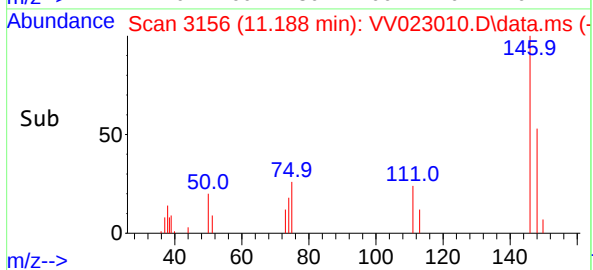
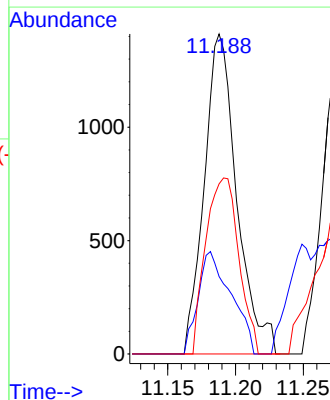
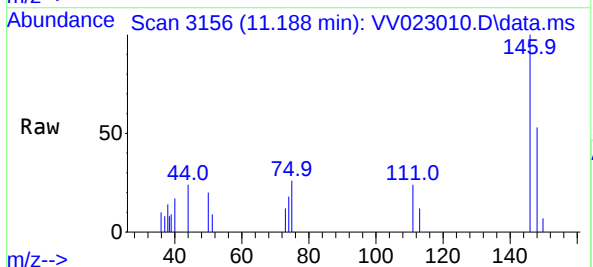
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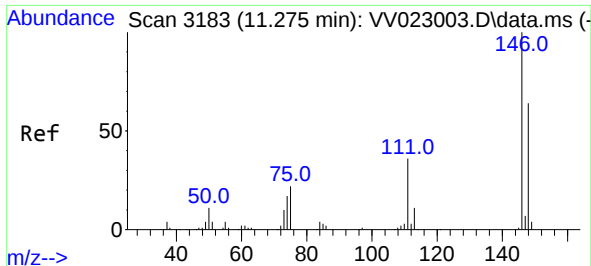
Tgt Ion:106 Resp: 1310
Ion Ratio Lower Upper
106 100
91 205.3 137.2 254.8



#64
1,3-Dichlorobenzene
Concen: 0.166 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.007 min
Lab File: VV023010.D
Acq: 23 Oct 2021 15:23

Tgt Ion:146 Resp: 2355
Ion Ratio Lower Upper
146 100
111 24.2 26.7 49.7#
148 53.2 42.9 79.7

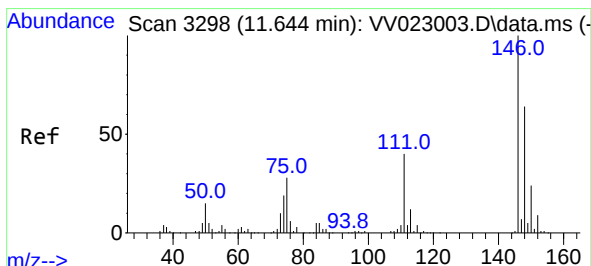
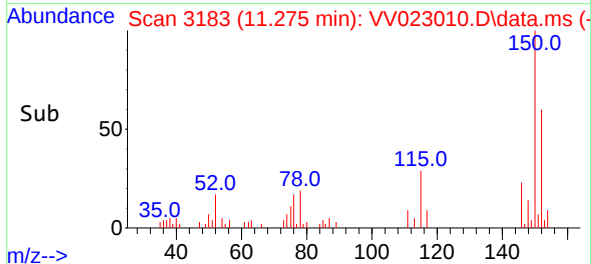
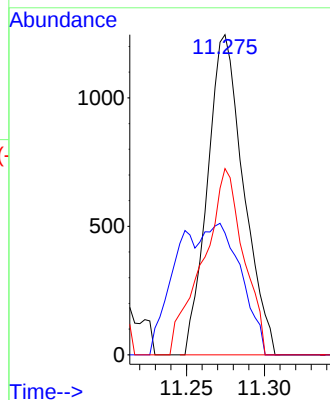
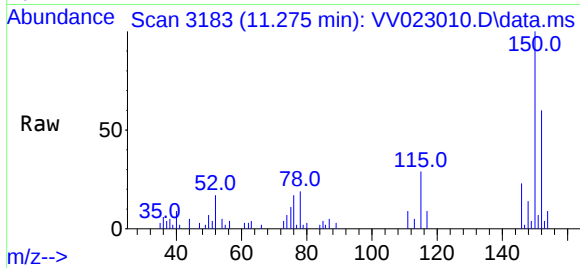




#65
1,4-Dichlorobenzene
Concen: 0.139 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV023010.D
Acq: 23 Oct 2021 15:23

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Tgt Ion:146	Resp:	2002	
Ion	Ratio	Lower	Upper
146	100		
111	38.0	26.2	48.8
148	58.2	44.4	82.5



#67
1,2-Dichlorobenzene
Concen: 0.163 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV023010.D
Acq: 23 Oct 2021 15:23

Tgt Ion:146	Resp:	2161	
Ion	Ratio	Lower	Upper
146	100		
111	45.7	31.6	47.4
148	56.9	51.0	76.6

