

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
 Data File : VV023404.D
 Acq On : 11 Nov 2021 21:47
 Operator : SY/MD
 Sample : M4580-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 02:09:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

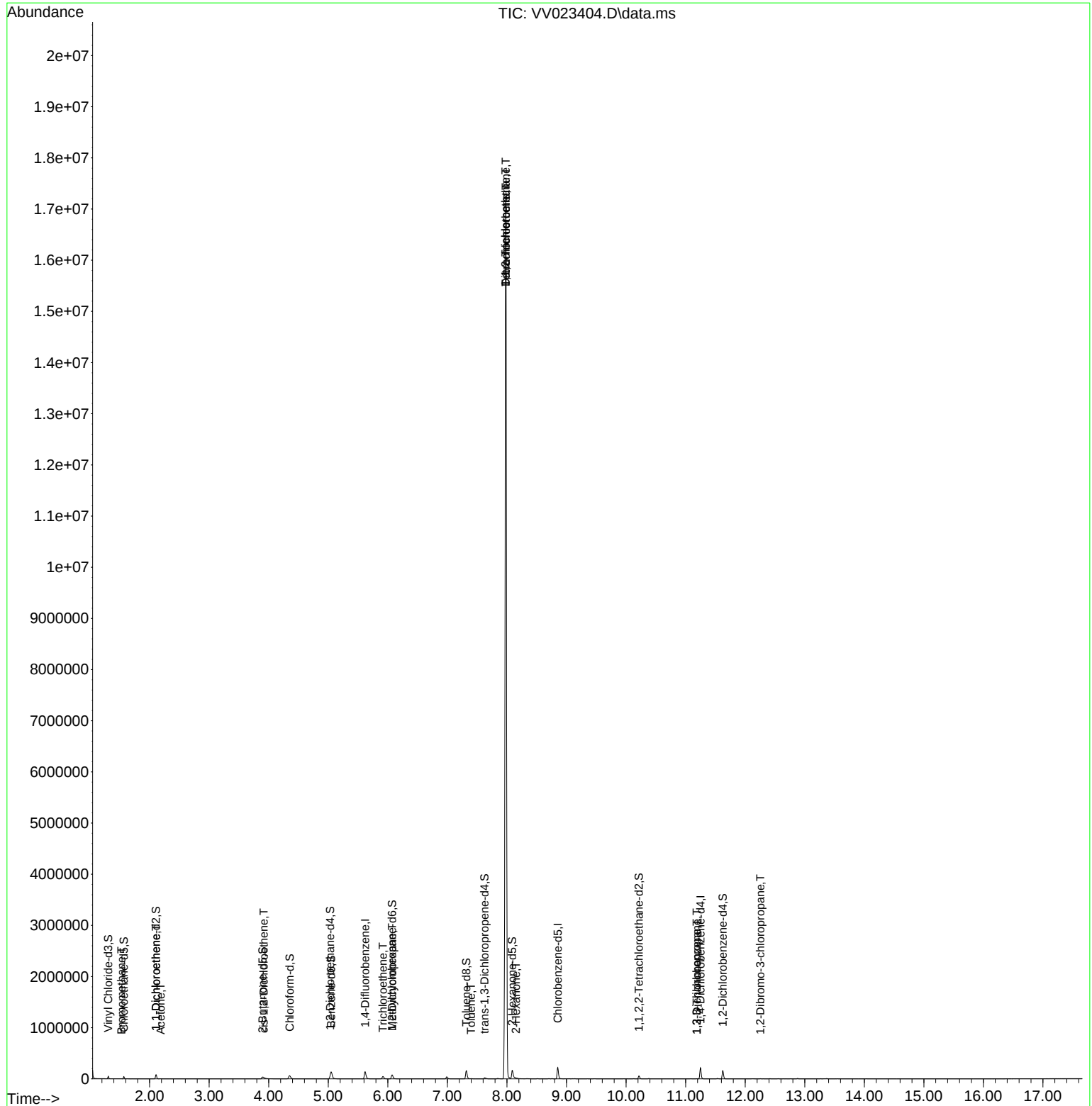
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124758	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124444	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57690	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	28263	3.616	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.400%	
7) Chloroethane-d5	1.568	69	24714	3.880	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.600%	
11) 1,1-Dichloroethene-d2	2.108	63	42498	2.905	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	58.000%#	
20) 2-Butanone-d5	3.896	46	61754	45.863	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.720%	
24) Chloroform-d	4.352	84	62447	3.749	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.000%	
26) 1,2-Dichloroethane-d4	5.034	65	30334	4.050	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.000%	
32) Benzene-d6	5.050	84	122442	3.835	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.600%	
36) 1,2-Dichloropropane-d6	6.072	67	37176	3.955	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	79.200%	
41) Toluene-d8	7.317	98	107403	3.590	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.800%	
43) trans-1,3-Dichloroprop...	7.625	79	13121	3.681	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.600%	
46) 2-Hexanone-d5	8.088	63	59013	45.003	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.000%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25667	3.797	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	76.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	41637	4.334	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.600%	
Target Compounds						
					Qvalue	
6) Bromomethane	1.529	94	306	0.046	ug/L #	66
12) 1,1-Dichloroethene	2.108	96	488	0.066	ug/L #	1
13) Acetone	2.188	43	5313	6.458	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	3577	0.406	ug/L #	72
34) Trichloroethene	5.918	95	16182	1.749	ug/L	95
35) Methylcyclohexane	6.072	83	10177	0.697	ug/L #	20
42) Toluene	7.397	91	3111	0.084	ug/L #	76
45) 1,1,2-Trichloroethane	7.979	97	32699	5.605	ug/L #	3
47) Tetrachloroethene	7.982	164	3661177	456.719	ug/L	98
48) 2-Hexanone	8.153	43	3141	1.190	ug/L #	63
49) Dibromochloromethane	7.982	129	3366239	455.354	ug/L #	10
61) 1,2,3-Trichloropropane	11.188	75	462	0.121	ug/L #	14
64) 1,3-Dichlorobenzene	11.188	146	1861	0.110	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.255	75	86	0.105	ug/L #	1

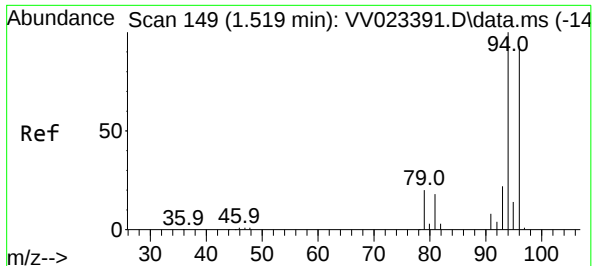
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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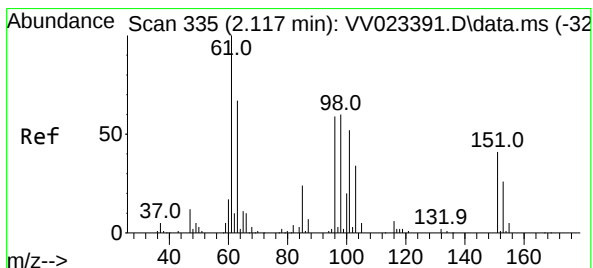
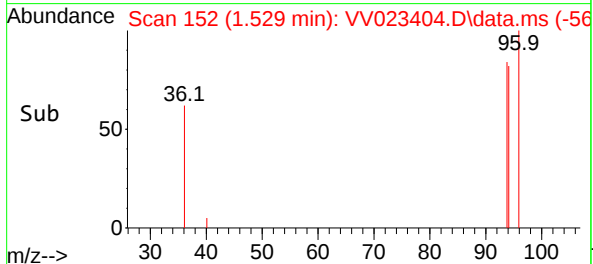
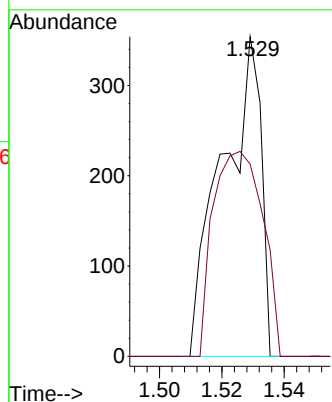
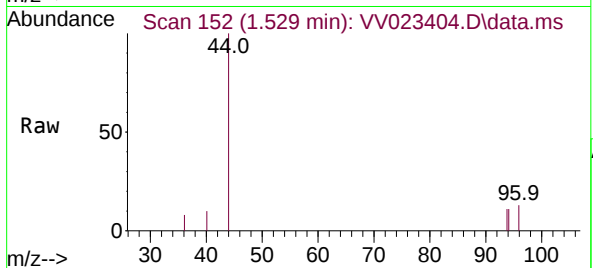




#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.529 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV023404.D
Acq: 11 Nov 2021 21:47

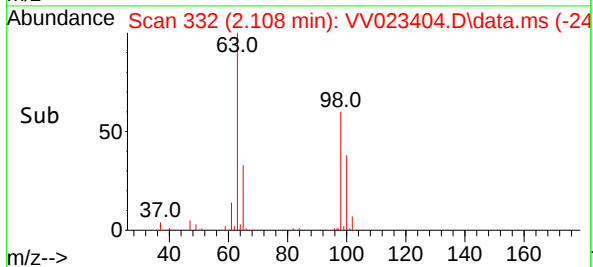
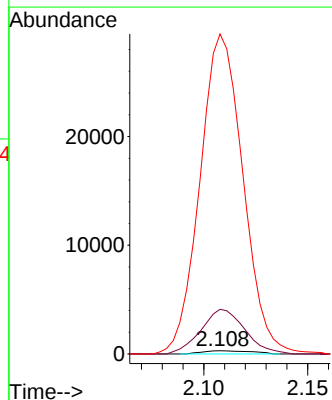
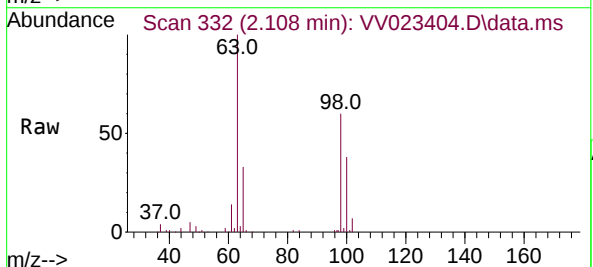
Instrument :
MSVOA_V
ClientSampleId :

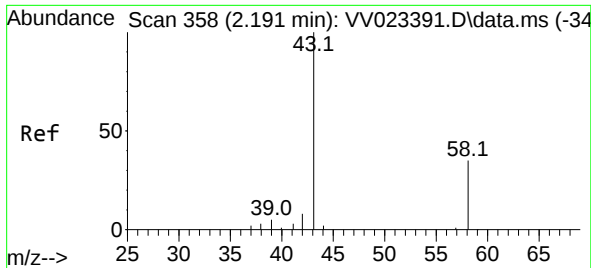
Tgt Ion: 94 Resp: 306
Ion Ratio Lower Upper
94 100
96 60.2 65.0 120.8#



#12
1,1-Dichloroethene
Concen: 0.066 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV023404.D
Acq: 11 Nov 2021 21:47

Tgt Ion: 96 Resp: 488
Ion Ratio Lower Upper
96 100
61 925.2 121.5 225.7#
63 6628.8 99.6 185.0#





#13

Acetone

Concen: 6.458 ug/L

RT: 2.188 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV023404.D

Acq: 11 Nov 2021 21:47

Instrument :

MSVOA_V

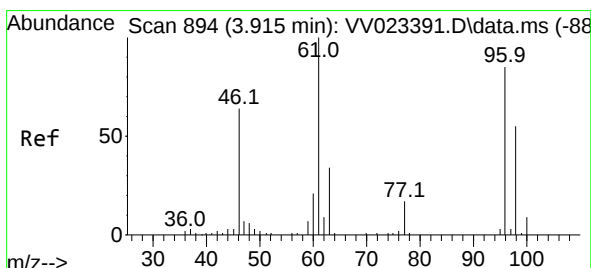
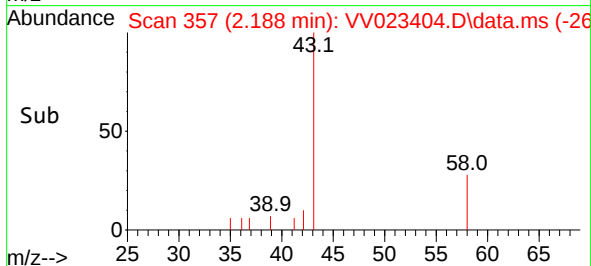
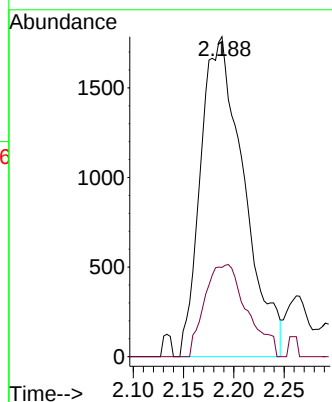
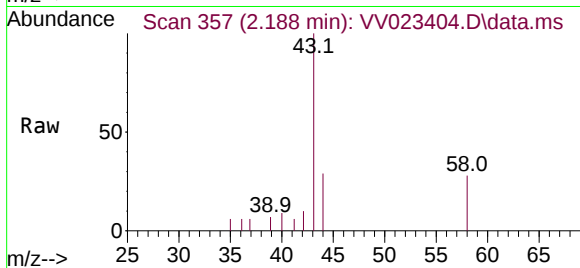
ClientSampleId :

Tgt Ion: 43 Resp: 5313

Ion Ratio Lower Upper

43 100

58 28.3 0.0 55.4



#22

cis-1,2-Dichloroethene

Concen: 0.406 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.000 min

Lab File: VV023404.D

Acq: 11 Nov 2021 21:47

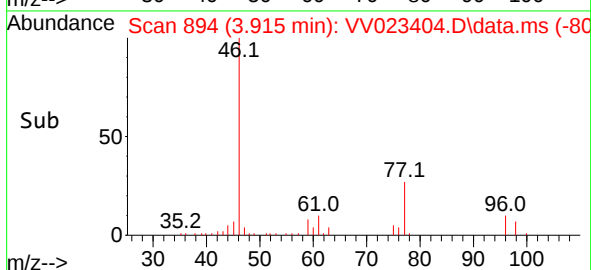
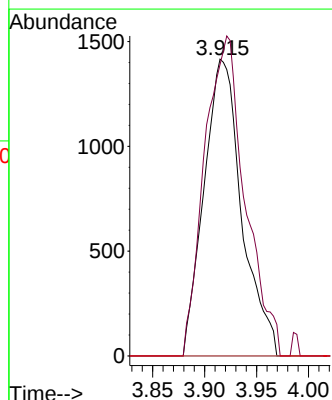
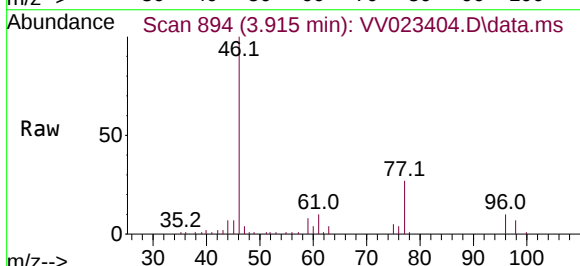
Tgt Ion: 96 Resp: 3577

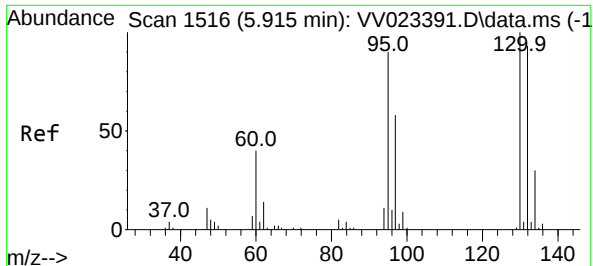
Ion Ratio Lower Upper

96 100

61 98.2 92.3 171.3

68 0.0 0.4 0.8#



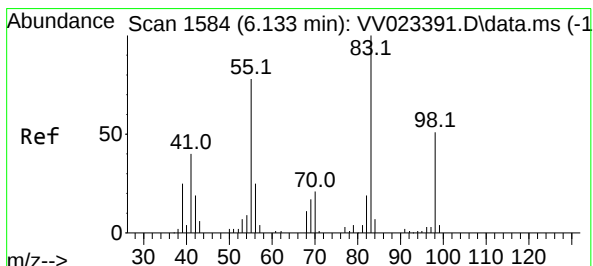
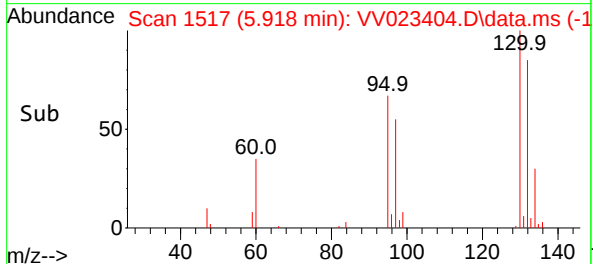
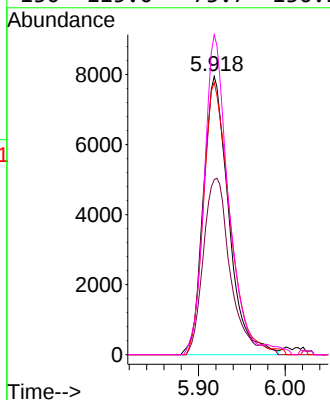
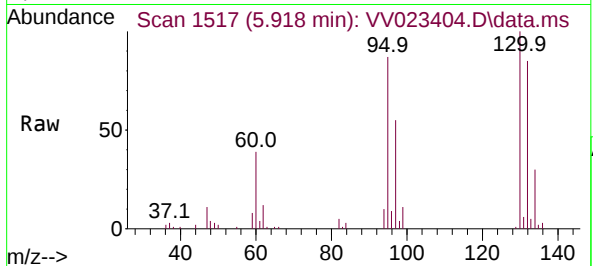


#34
Trichloroethene
Concen: 1.749 ug/L
RT: 5.918 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023404.D
Acq: 11 Nov 2021 21:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 16182

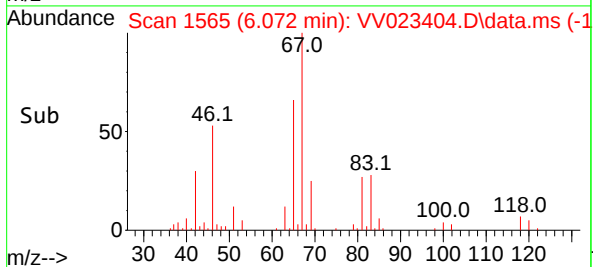
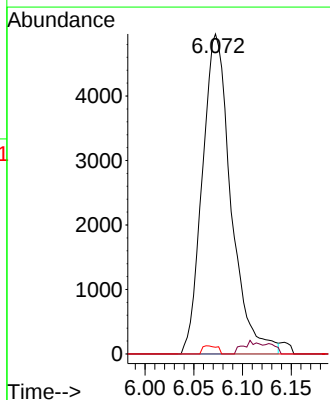
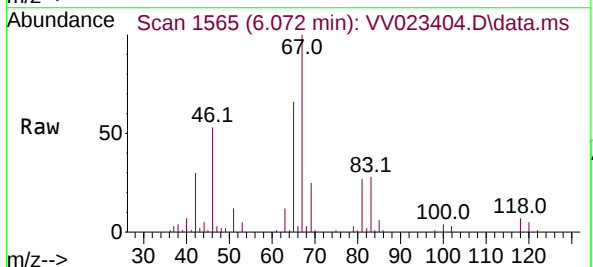
Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.0	83.6
132	97.8	69.7	129.4
130	115.0	73.7	136.9

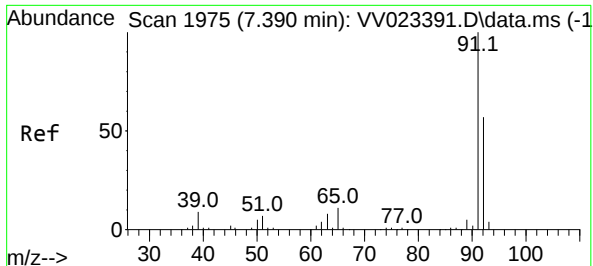


#35
Methylcyclohexane
Concen: 0.697 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023404.D
Acq: 11 Nov 2021 21:47

Tgt Ion: 83 Resp: 10177

Ion	Ratio	Lower	Upper
83	100		
55	2.4	62.8	94.2#
98	1.3	37.9	56.9#





#42

Toluene

Concen: 0.084 ug/L

RT: 7.397 min Scan# 1975

Delta R.T. 0.007 min

Lab File: VV023404.D

Acq: 11 Nov 2021 21:47

Instrument :

MSVOA_V

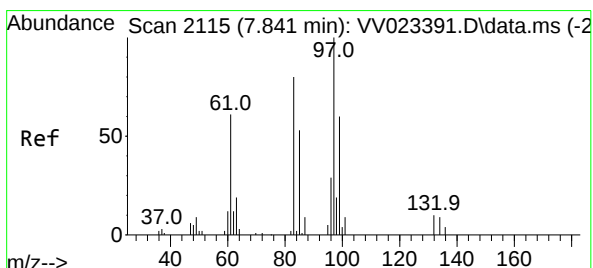
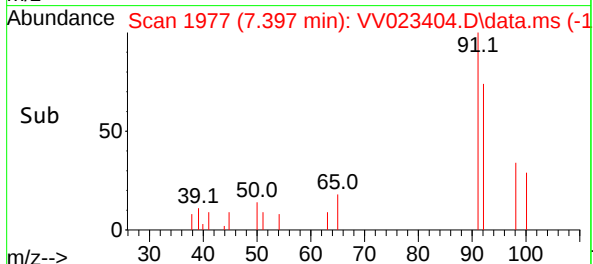
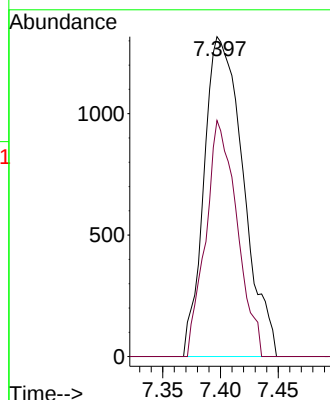
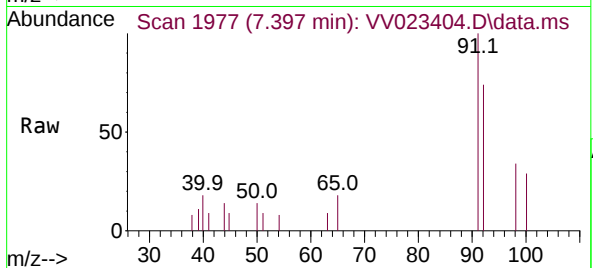
ClientSampleId :

Tgt Ion: 91 Resp: 3111

Ion Ratio Lower Upper

91 100

92 73.8 39.3 72.9#



#45

1,1,2-Trichloroethane

Concen: 5.605 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.138 min

Lab File: VV023404.D

Acq: 11 Nov 2021 21:47

Tgt Ion: 97 Resp: 32699

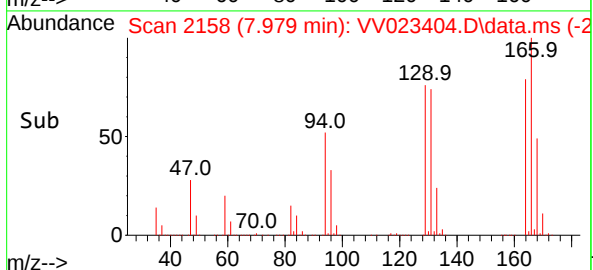
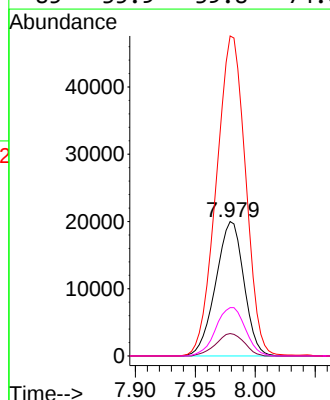
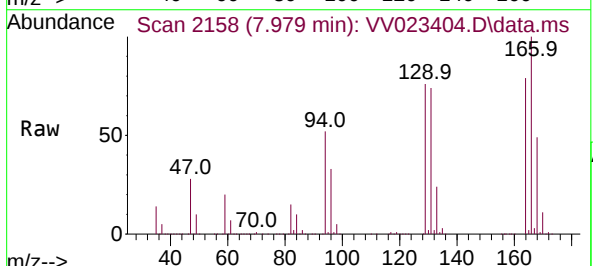
Ion Ratio Lower Upper

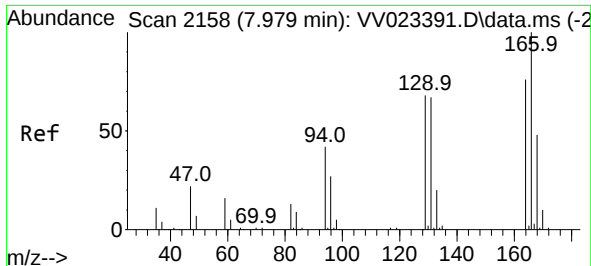
97 100

99 16.7 43.6 81.0#

83 238.1 58.4 108.4#

85 35.9 39.8 74.0#





#47

Tetrachloroethene

Concen: 456.719 ug/L

RT: 7.982 min Scan# 2158

Delta R.T. 0.003 min

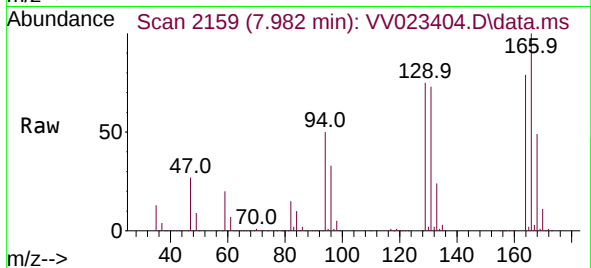
Lab File: VV023404.D

Acq: 11 Nov 2021 21:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 3661177

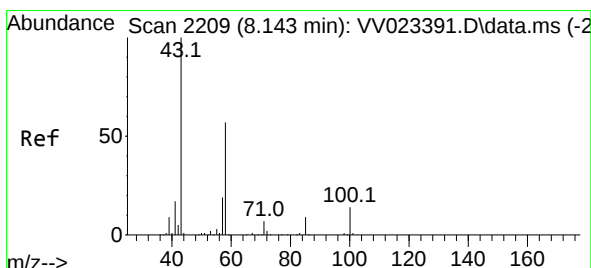
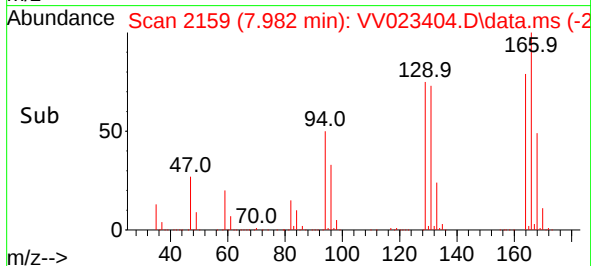
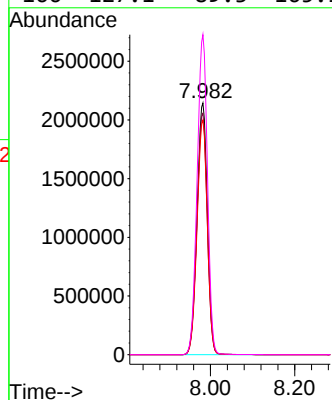
Ion Ratio Lower Upper

164 100

129 95.9 64.0 119.0

131 93.2 63.4 117.8

166 127.1 89.3 165.9



#48

2-Hexanone

Concen: 1.190 ug/L

RT: 8.153 min Scan# 2212

Delta R.T. 0.010 min

Lab File: VV023404.D

Acq: 11 Nov 2021 21:47

Tgt Ion: 43 Resp: 3141

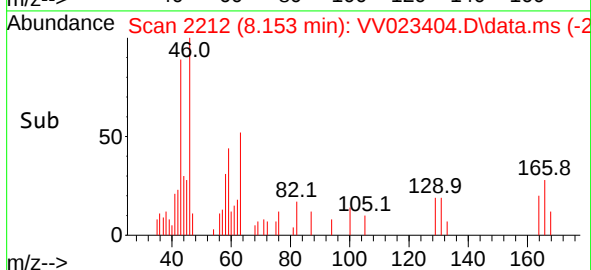
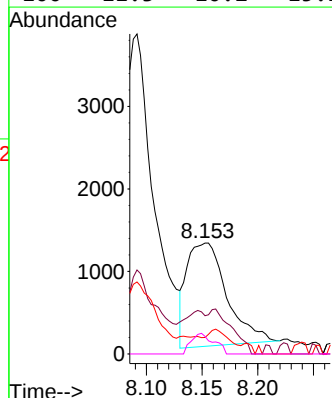
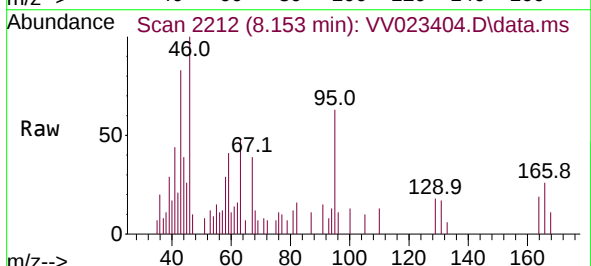
Ion Ratio Lower Upper

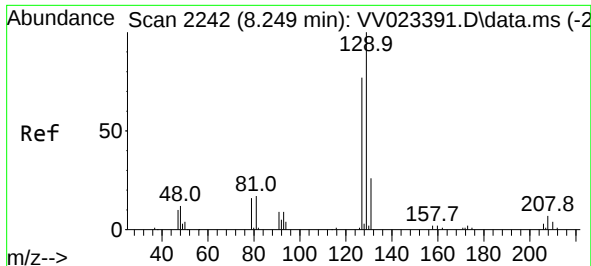
43 100

58 22.9 43.7 65.5#

57 0.0 14.1 21.1#

100 11.3 10.2 15.2





#49

Dibromochloromethane

Concen: 455.354 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.267 min

Lab File: VV023404.D

Acq: 11 Nov 2021 21:47

Instrument :

MSVOA_V

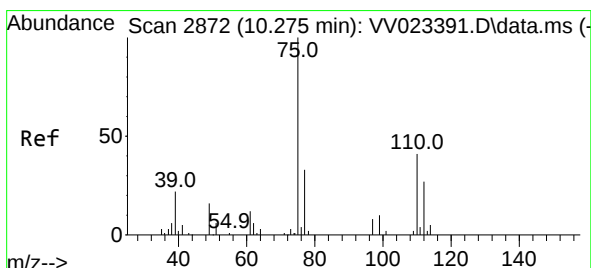
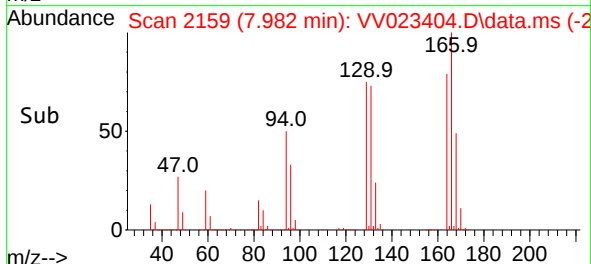
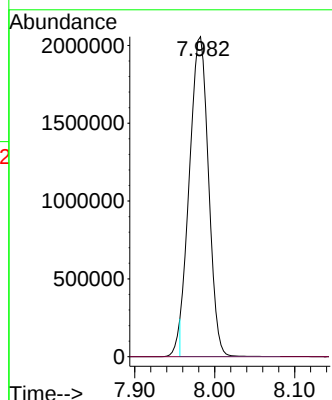
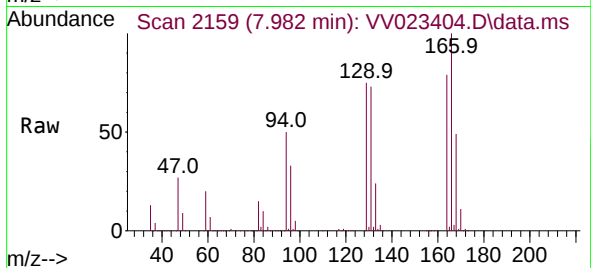
ClientSampleId :

Tgt Ion:129 Resp: 3366239

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 0.121 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.913 min

Lab File: VV023404.D

Acq: 11 Nov 2021 21:47

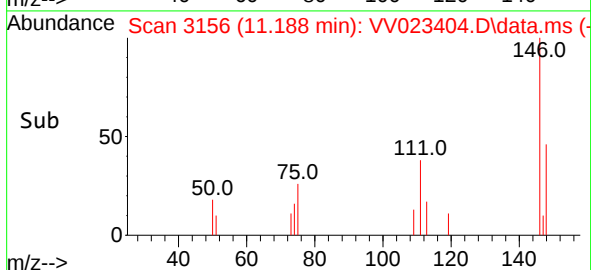
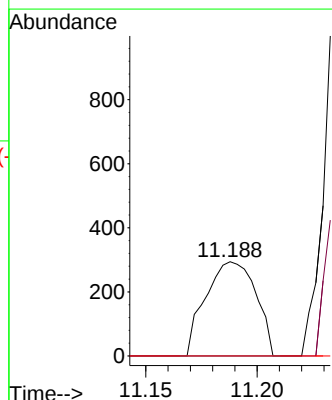
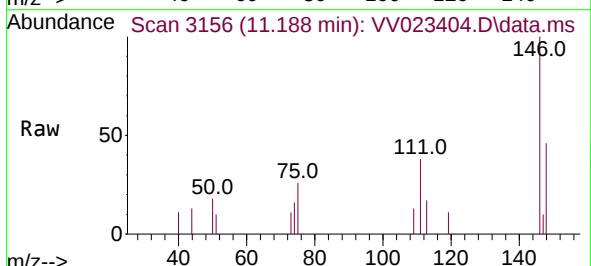
Tgt Ion: 75 Resp: 462

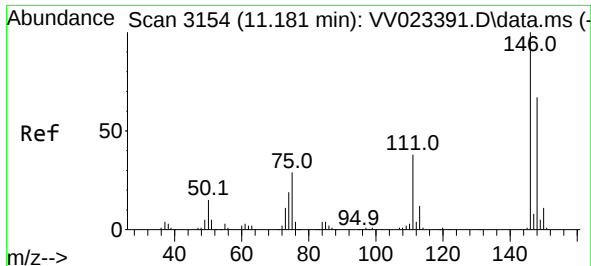
Ion Ratio Lower Upper

75 100

77 97.0 26.6 39.8#

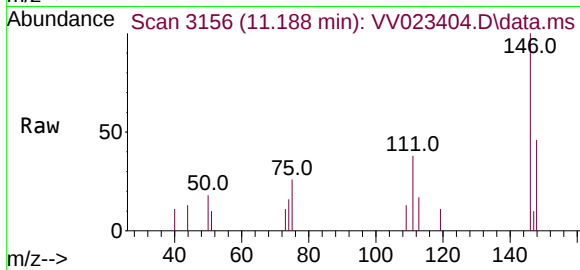
110 0.0 31.8 47.6#



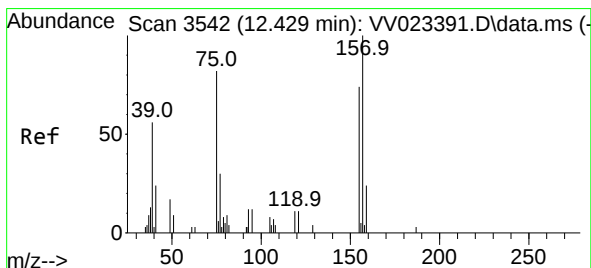
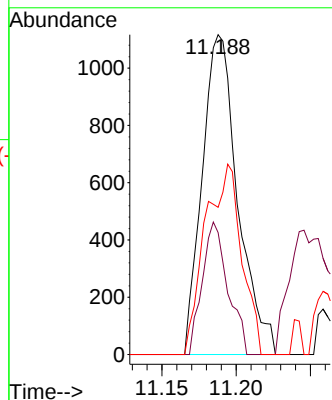
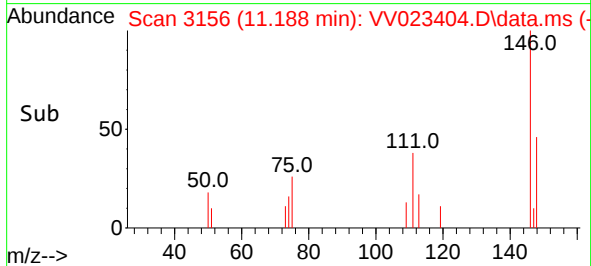


#64
1,3-Dichlorobenzene
Concen: 0.110 ug/L
RT: 11.188 min Scan# 3154
Delta R.T. 0.007 min
Lab File: VV023404.D
Acq: 11 Nov 2021 21:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:146 Resp: 1861
Ion Ratio Lower Upper
146 100
111 38.1 26.7 49.7
148 46.0 42.9 79.7



#68
1,2-Dibromo-3-chloropropane
Concen: 0.105 ug/L
RT: 12.255 min Scan# 3488
Delta R.T. -0.174 min
Lab File: VV023404.D
Acq: 11 Nov 2021 21:47

Tgt Ion: 75 Resp: 86
Ion Ratio Lower Upper
75 100
155 0.0 67.7 101.5#
157 0.0 87.9 131.9#

