

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023049.D
 Acq On : 26 Oct 2021 19:38
 Operator : SY/MD
 Sample : M4277-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 01:35:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 01:29:33 2021
 Response via : Initial Calibration

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

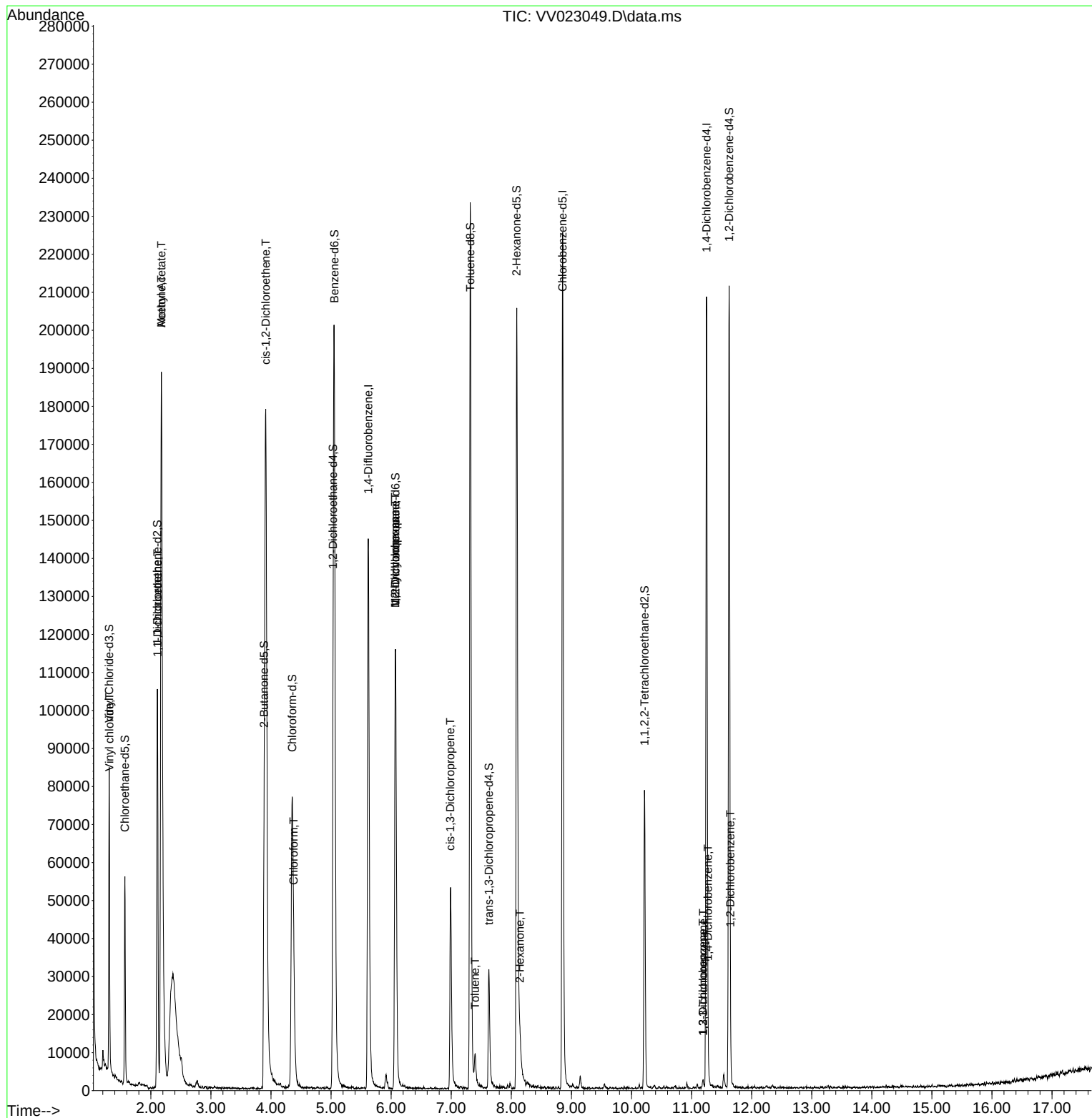
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129286	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	129609	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55672	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49087	4.345	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.000%	
7) Chloroethane-d5	1.568	69	31010	4.438	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.800%	
11) 1,1-Dichloroethene-d2	2.108	63	54961	3.372	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.400%	
20) 2-Butanone-d5	3.886	46	104713	57.781	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.560%	
24) Chloroform-d	4.352	84	75499	4.111	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
26) 1,2-Dichloroethane-d4	5.034	65	43910	5.072	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.053	84	186604	4.931	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	6.072	67	59739	5.128	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.600%	
41) Toluene-d8	7.316	98	157590	4.636	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	7.625	79	18829	4.613	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.200%	
46) 2-Hexanone-d5	8.088	63	67351	44.573	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.140%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37732	4.691	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	57271	5.766	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.400%	
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	725	0.079	ug/L #	1
12) 1,1-Dichloroethene	2.111	96	499	0.075	ug/L #	1
13) Acetone	2.175	43	277054	311.604	ug/L	90
15) Methyl Acetate	2.175	43	265811	78.588	ug/L #	47
22) cis-1,2-Dichloroethene	3.911	96	88688	11.069	ug/L #	91
25) Chloroform	4.378	83	20987	1.223	ug/L	95
35) Methylcyclohexane	6.069	83	13801	1.100	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6281	0.714	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	1364	0.125	ug/L #	71
42) Toluene	7.397	91	6518	0.184	ug/L	90
48) 2-Hexanone	8.143	43	6878	2.239	ug/L #	72
61) 1,2,3-Trichloropropane	11.194	75	388	0.099	ug/L #	52
64) 1,3-Dichlorobenzene	11.191	146	915	0.062	ug/L #	89
65) 1,4-Dichlorobenzene	11.275	146	839	0.056	ug/L	92
67) 1,2-Dichlorobenzene	11.648	146	944	0.068	ug/L #	80

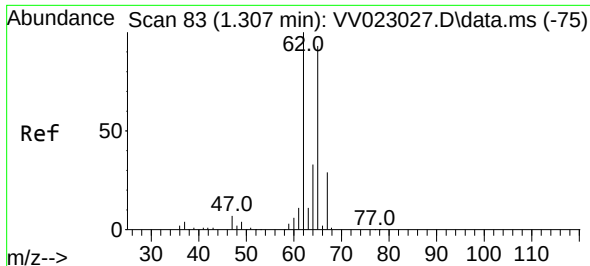
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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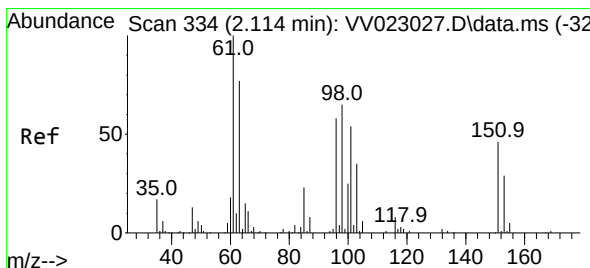
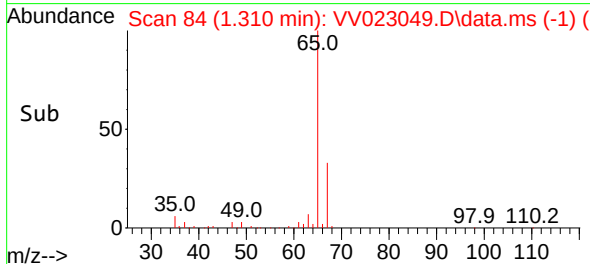
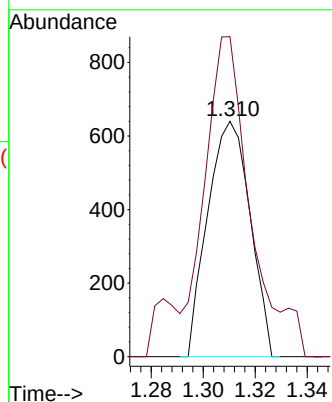
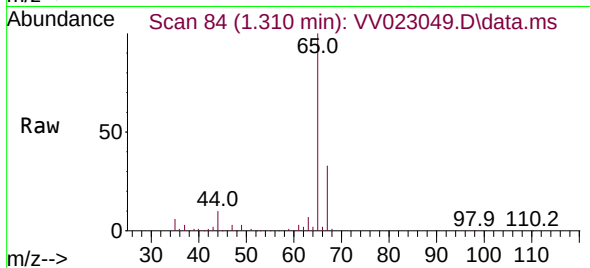




#5
 Vinyl chloride
 Concen: 0.079 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023049.D
 Acq: 26 Oct 2021 19:38

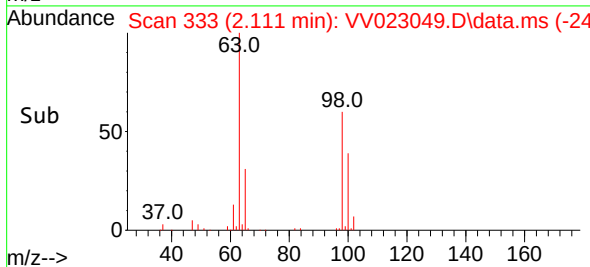
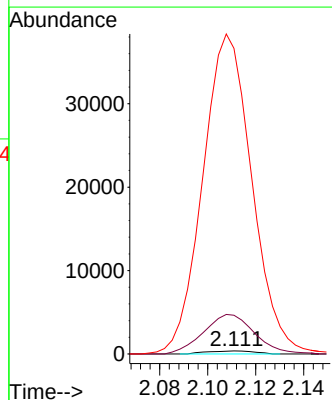
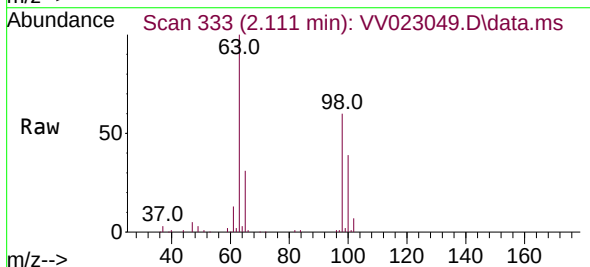
Instrument :
 MSVOA_V
 ClientSampleId :

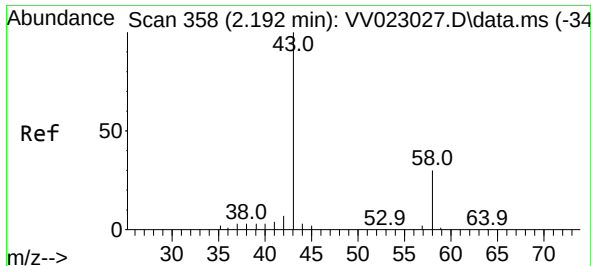
Tgt Ion: 62 Resp: 725
 Ion Ratio Lower Upper
 62 100
 64 135.9 23.1 42.9#



#12
 1,1-Dichloroethene
 Concen: 0.075 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV023049.D
 Acq: 26 Oct 2021 19:38

Tgt Ion: 96 Resp: 499
 Ion Ratio Lower Upper
 96 100
 61 1292.2 121.5 225.7#
 63 10177.8 99.6 185.0#





#13

Acetone

Concen: 311.604 ug/L

RT: 2.175 min Scan# 353

Delta R.T. -0.016 min

Lab File: VV023049.D

Acq: 26 Oct 2021 19:38

Instrument :

MSVOA_V

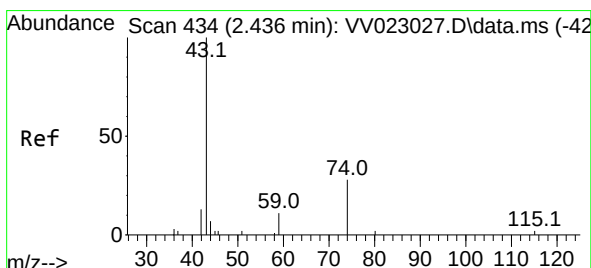
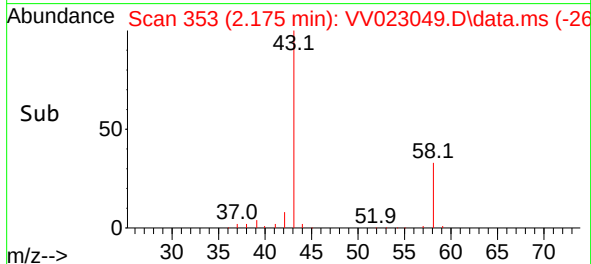
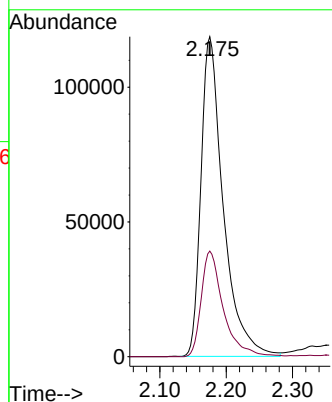
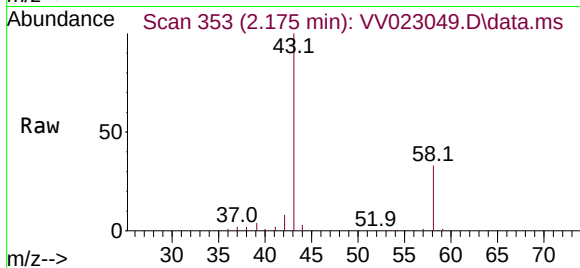
ClientSampleId :

Tgt Ion: 43 Resp: 277054

Ion Ratio Lower Upper

43 100

58 32.8 0.0 55.4



#15

Methyl Acetate

Concen: 78.588 ug/L

RT: 2.175 min Scan# 353

Delta R.T. -0.261 min

Lab File: VV023049.D

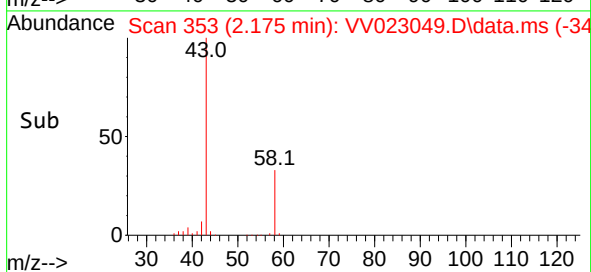
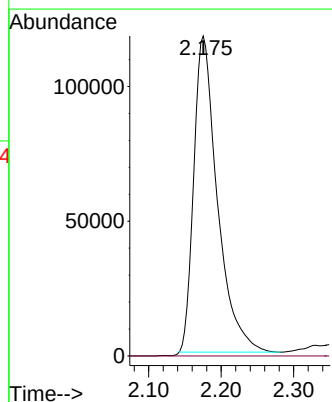
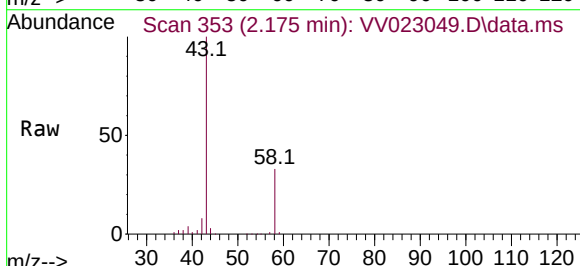
Acq: 26 Oct 2021 19:38

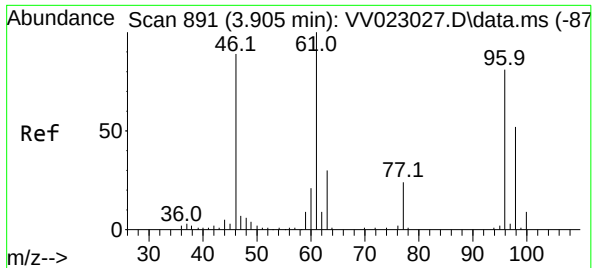
Tgt Ion: 43 Resp: 265811

Ion Ratio Lower Upper

43 100

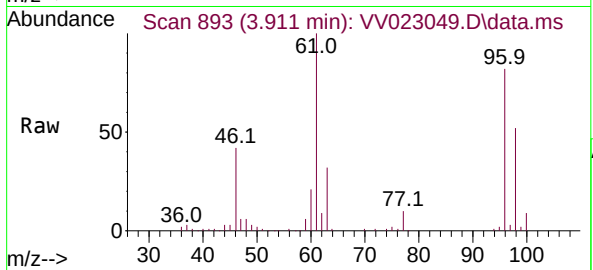
74 0.0 22.2 33.2#



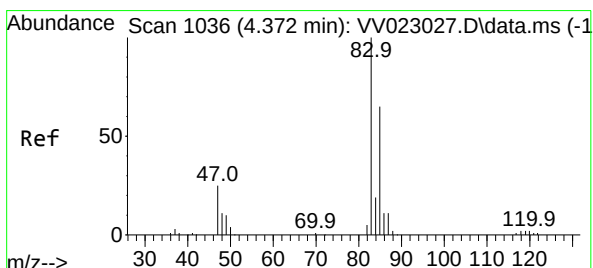
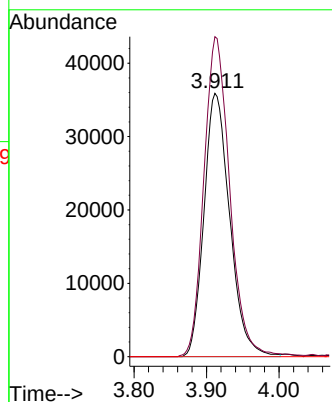
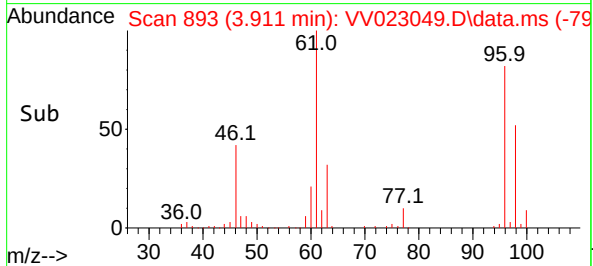


#22
 cis-1,2-Dichloroethene
 Concen: 11.069 ug/L
 RT: 3.911 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV023049.D
 Acq: 26 Oct 2021 19:38

Instrument :
 MSVOA_V
 ClientSampleId :

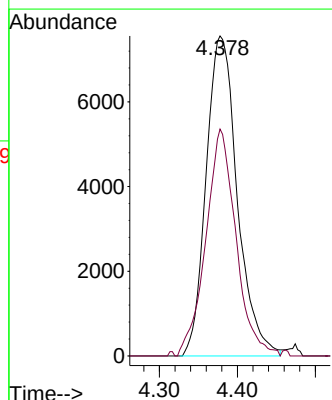
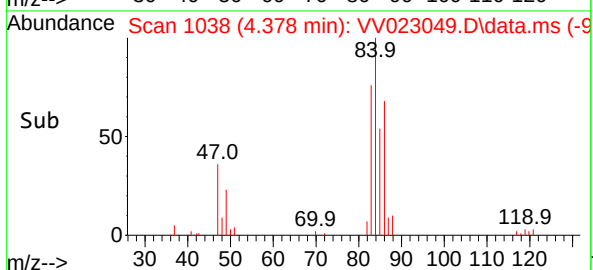
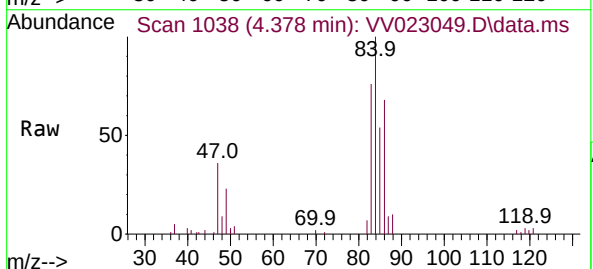


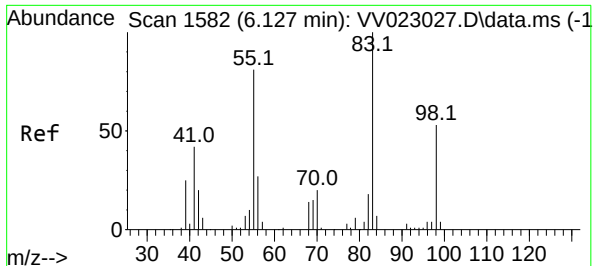
Tgt Ion: 96 Resp: 88688
 Ion Ratio Lower Upper
 96 100
 61 121.5 92.3 171.3
 68 0.0 0.4 0.8#



#25
 Chloroform
 Concen: 1.223 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.006 min
 Lab File: VV023049.D
 Acq: 26 Oct 2021 19:38

Tgt Ion: 83 Resp: 20987
 Ion Ratio Lower Upper
 83 100
 85 70.9 46.8 86.8





#35

Methylcyclohexane

Concen: 1.100 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV023049.D

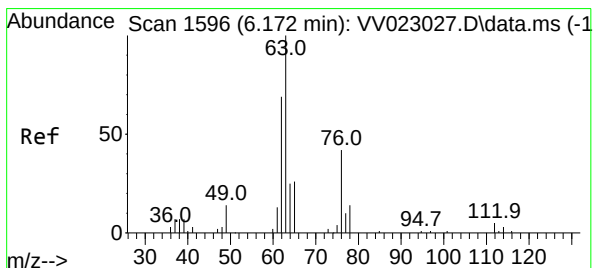
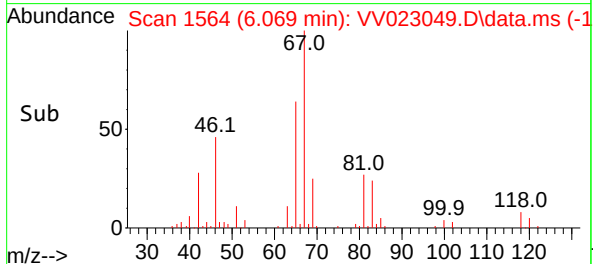
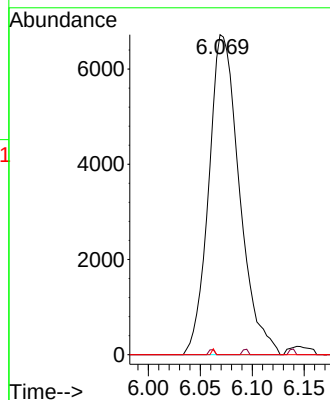
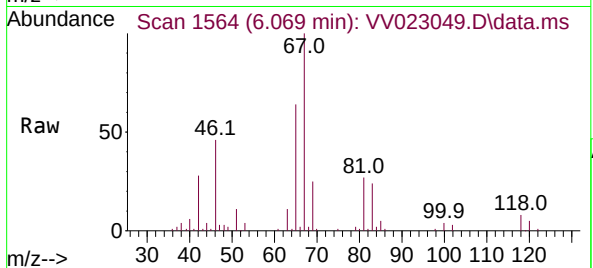
Acq: 26 Oct 2021 19:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 13801
Ion Ratio	Lower Upper
83 100	
55 0.3	62.8 94.2#
98 0.2	37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.714 ug/L

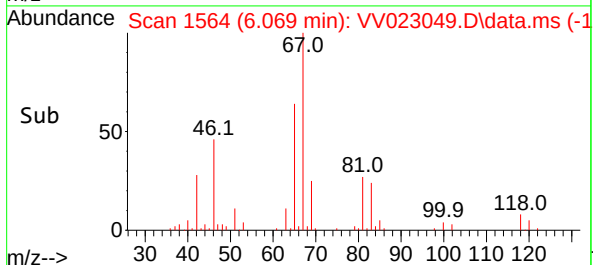
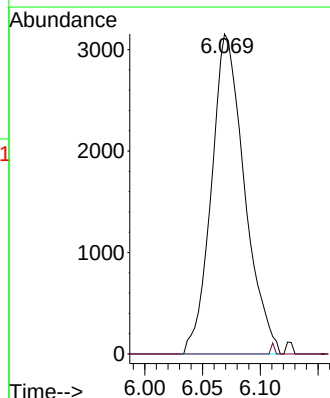
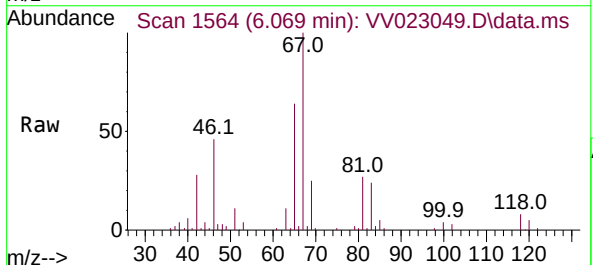
RT: 6.069 min Scan# 1564

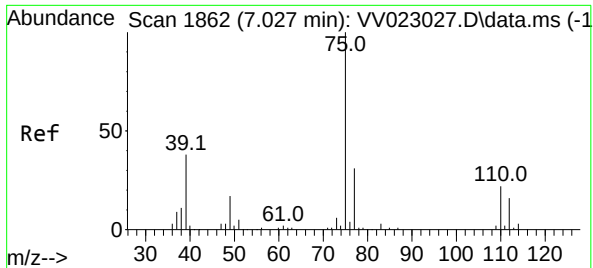
Delta R.T. -0.103 min

Lab File: VV023049.D

Acq: 26 Oct 2021 19:38

Tgt Ion: 63	Resp: 6281
Ion Ratio	Lower Upper
63 100	
112 0.3	4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.125 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV023049.D

Acq: 26 Oct 2021 19:38

Instrument :

MSVOA_V

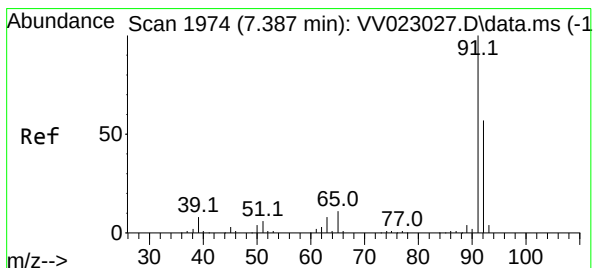
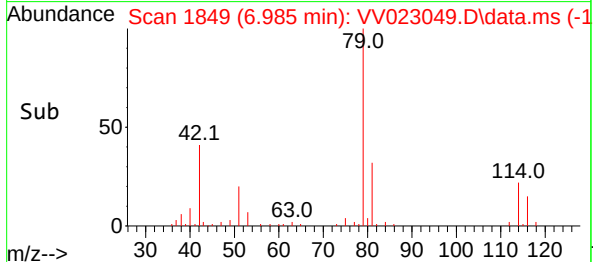
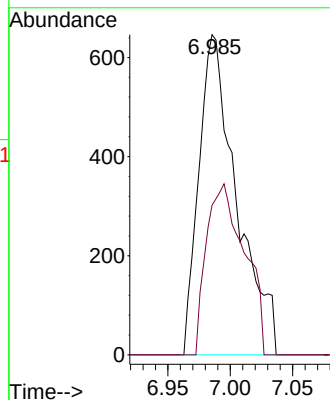
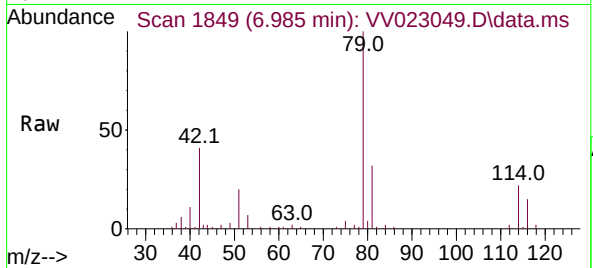
ClientSampleId :

Tgt Ion: 75 Resp: 1364

Ion Ratio Lower Upper

75 100

77 46.7 21.6 40.2#



#42

Toluene

Concen: 0.184 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.009 min

Lab File: VV023049.D

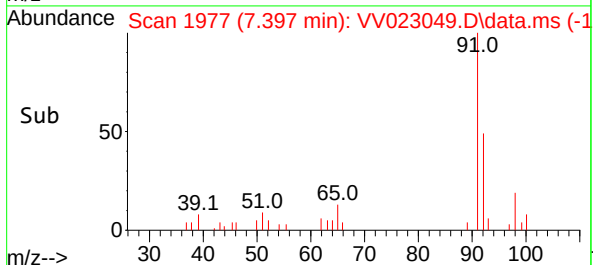
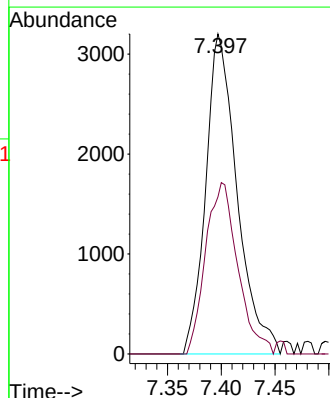
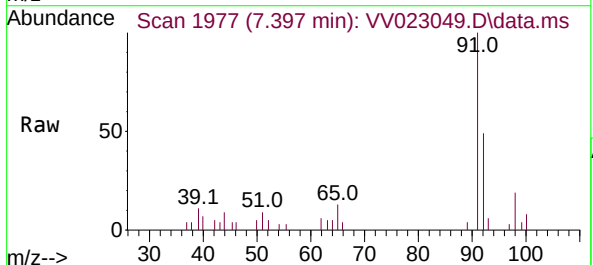
Acq: 26 Oct 2021 19:38

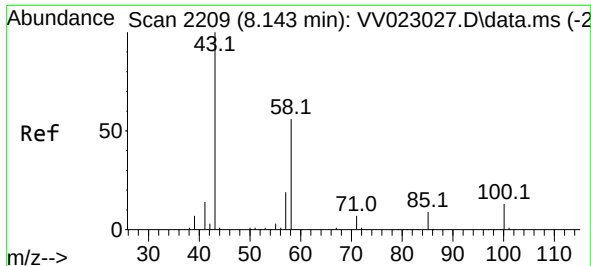
Tgt Ion: 91 Resp: 6518

Ion Ratio Lower Upper

91 100

92 49.1 39.3 72.9

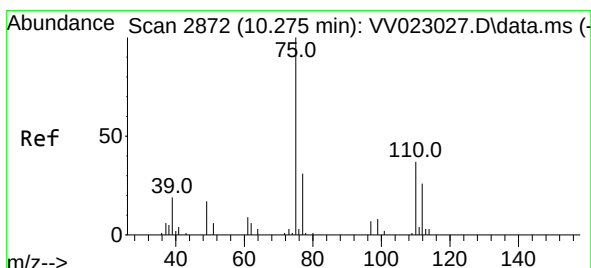
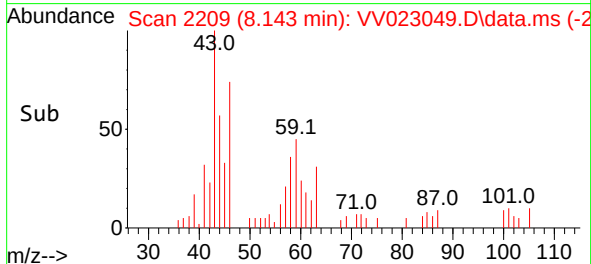
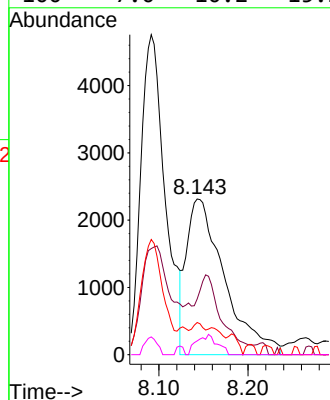
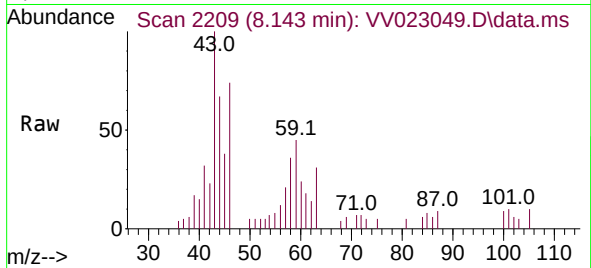




#48
2-Hexanone
Concen: 2.239 ug/L
RT: 8.143 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023049.D
Acq: 26 Oct 2021 19:38

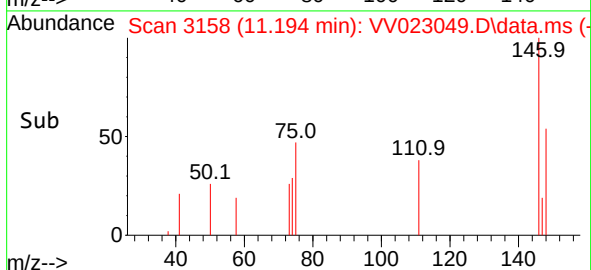
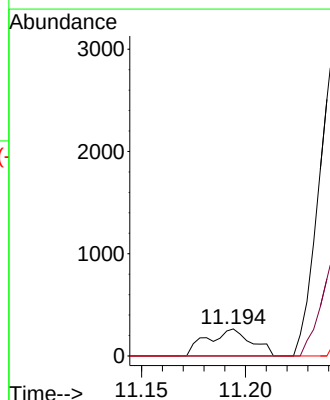
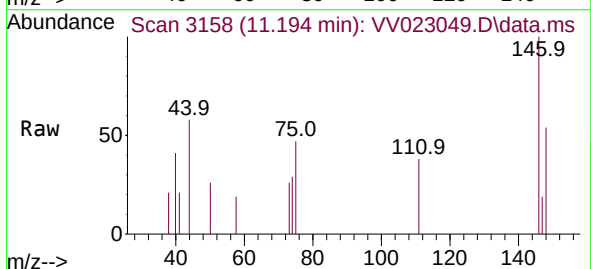
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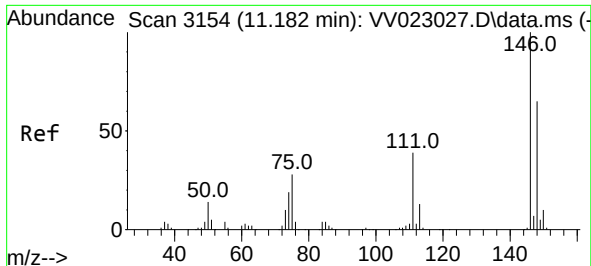
Tgt Ion: 43 Resp: 6878
Ion Ratio Lower Upper
43 100
58 33.8 43.7 65.5#
57 1.6 14.1 21.1#
100 7.0 10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 0.099 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.919 min
Lab File: VV023049.D
Acq: 26 Oct 2021 19:38

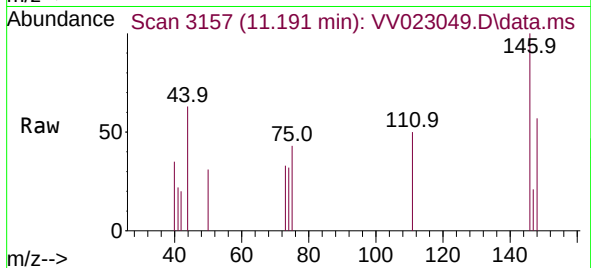
Tgt Ion: 75 Resp: 388
Ion Ratio Lower Upper
75 100
77 17.5 26.6 39.8#
110 0.0 31.8 47.6#



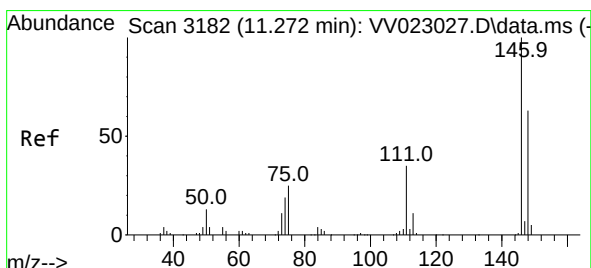
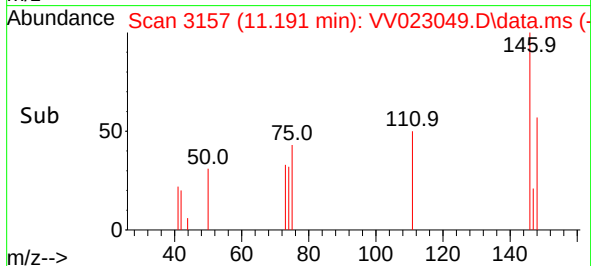
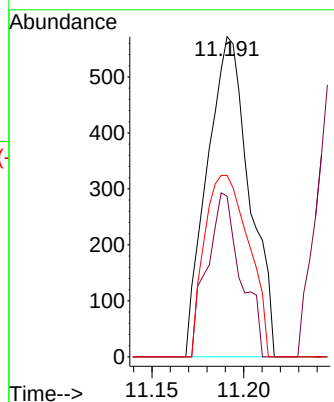


#64
1,3-Dichlorobenzene
Concen: 0.062 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.009 min
Lab File: VV023049.D
Acq: 26 Oct 2021 19:38

Instrument :
MSVOA_V
ClientSampleId :

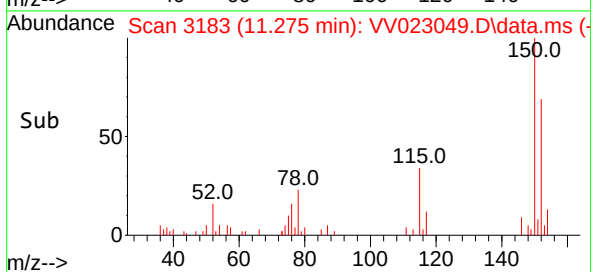
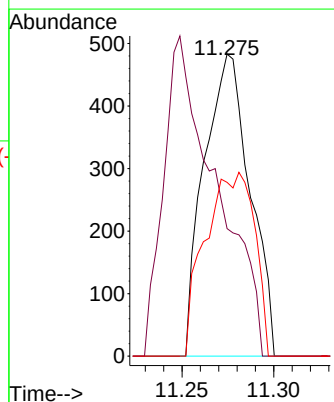
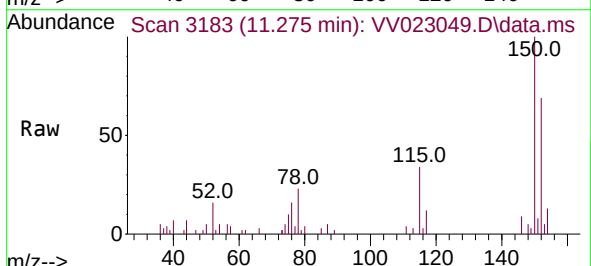


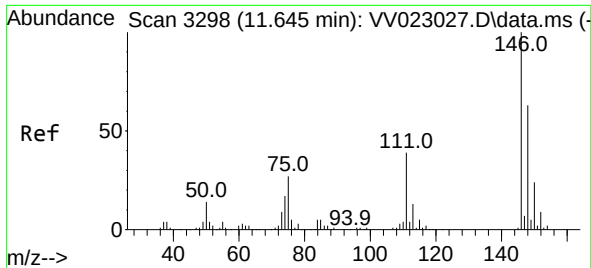
Tgt Ion:146 Resp: 915
Ion Ratio Lower Upper
146 100
111 50.2 26.7 49.7#
148 56.6 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 0.056 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023049.D
Acq: 26 Oct 2021 19:38

Tgt Ion:146 Resp: 839
Ion Ratio Lower Upper
146 100
111 42.2 26.2 48.8
148 57.6 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 0.068 ug/L

RT: 11.648 min Scan# 31

Delta R.T. 0.003 min

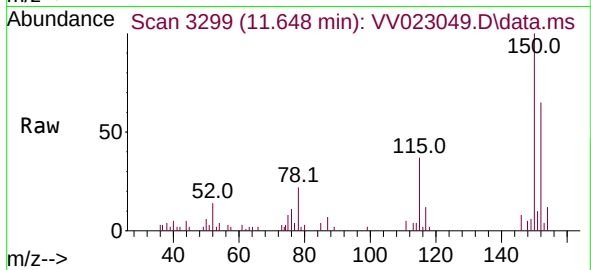
Lab File: VV023049.D

Acq: 26 Oct 2021 19:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:146 Resp: 944

Ion Ratio Lower Upper

146 100

111 63.8 31.6 47.4#

148 69.3 51.0 76.6

