

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123021\
 Data File : VW024237.D
 Acq On : 30 Dec 2021 12:22
 Operator : SY/MD
 Sample : M5193-09DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J13DL

Quant Time: Dec 31 03:40:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 31 03:39:03 2021
 Response via : Initial Calibration

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

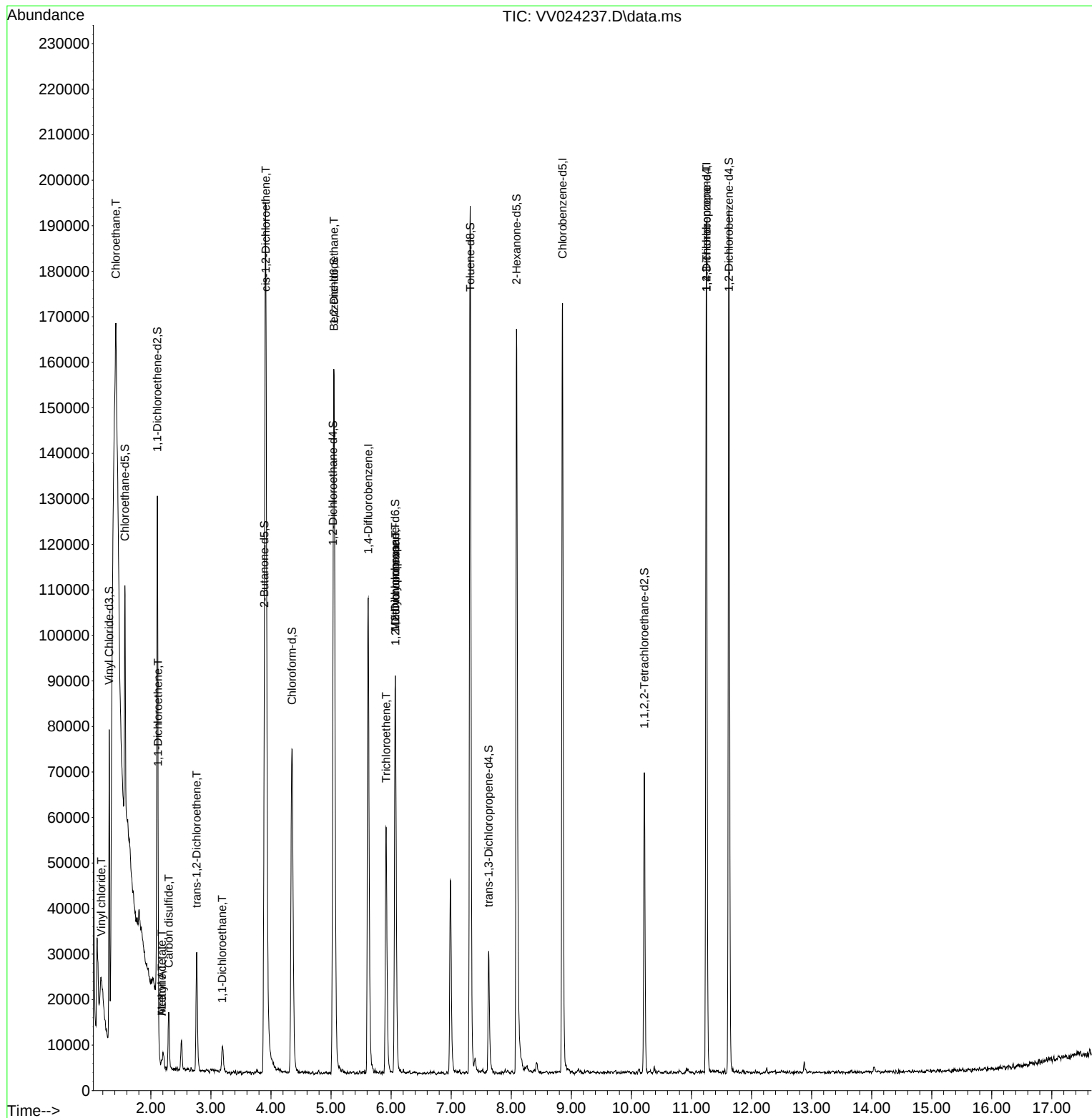
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	94743	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	96564	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51202	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38840	5.450	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.000%		
7) Chloroethane-d5	1.568	69	30470	5.127	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 102.600%		
11) 1,1-Dichloroethene-d2	2.108	63	56697	3.273	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 65.400%		
20) 2-Butanone-d5	3.889	46	68802	86.917	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 173.840%#		
24) Chloroform-d	4.352	84	76618	5.065	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.200%		
26) 1,2-Dichloroethane-d4	5.034	65	37903	5.597	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.000%		
32) Benzene-d6	5.050	84	139447	5.347	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.000%		
36) 1,2-Dichloropropane-d6	6.069	67	38757	5.426	ug/L	0.00
41) Toluene-d8	7.317	98	128267	4.991	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.800%		
43) trans-1,3-Dichloroprop...	7.625	79	15575	5.149	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 103.000%		
46) 2-Hexanone-d5	8.088	63	55092	54.172	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 108.340%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27979	5.737	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 114.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	51028	5.733	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 114.600%		
Target Compounds						Qvalue
5) Vinyl chloride	1.175	62	834	0.049	ug/L	97
8) Chloroethane	1.417	64	815117	82.780	ug/L #	54
12) 1,1-Dichloroethene	2.121	96	1542	0.119	ug/L #	1
13) Acetone	2.182	43	1563	1.391	ug/L	91
14) Carbon disulfide	2.298	76	15829	0.377	ug/L	98
15) Methyl Acetate	2.182	43	1563	0.560	ug/L #	50
18) trans-1,2-Dichloroethene	2.764	96	9572	0.693	ug/L	97
19) 1,1-Dichloroethane	3.188	63	5423	0.236	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	94037	6.878	ug/L	98
27) 1,2-Dichloroethane	5.047	62	968	0.067	ug/L #	73
34) Trichloroethene	5.915	95	18624	1.303	ug/L	96
35) Methylcyclohexane	6.069	83	10318	0.498	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4788	0.410	ug/L #	84
61) 1,2,3-Trichloropropane	11.249	75	4721	0.779	ug/L #	59

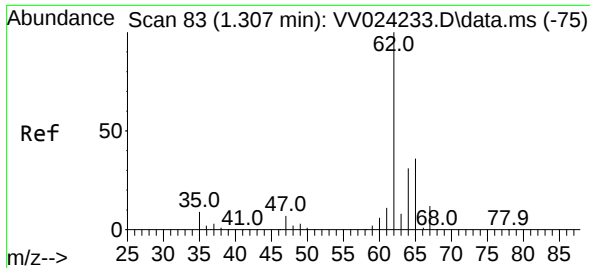
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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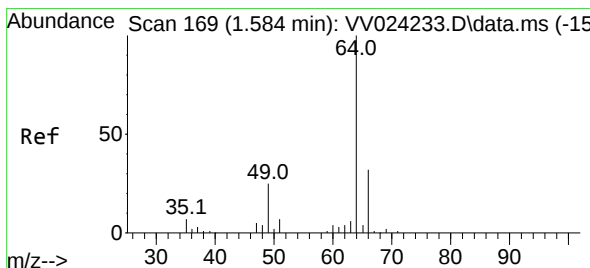
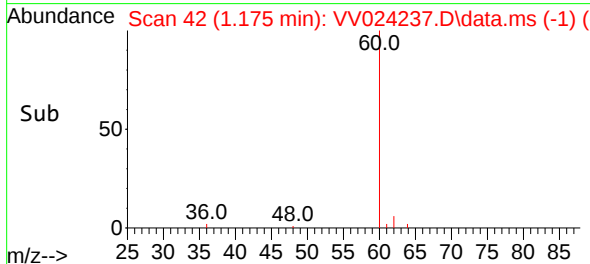
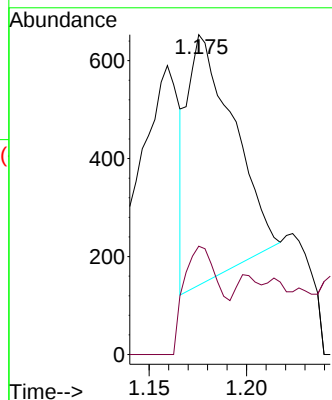
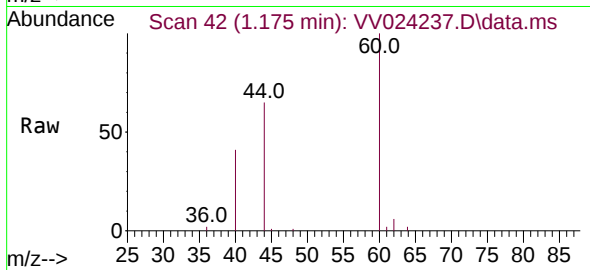




#5
 Vinyl chloride
 Concen: 0.049 ug/L
 RT: 1.175 min Scan# 41
 Delta R.T. -0.132 min
 Lab File: VV024237.D
 Acq: 30 Dec 2021 12:22

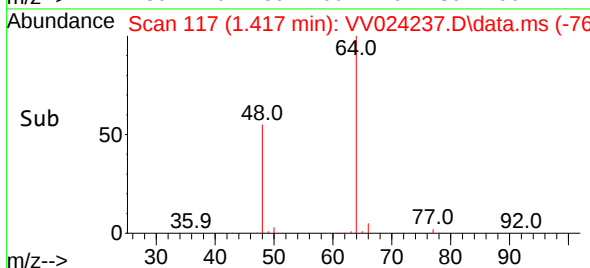
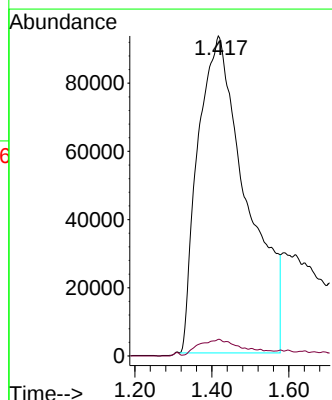
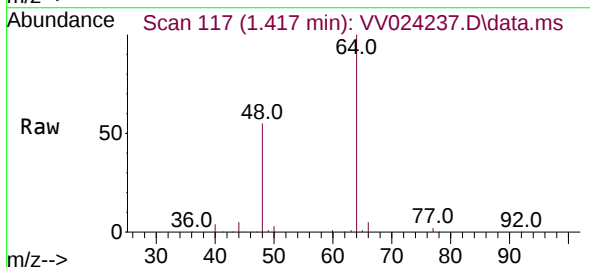
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J13DL

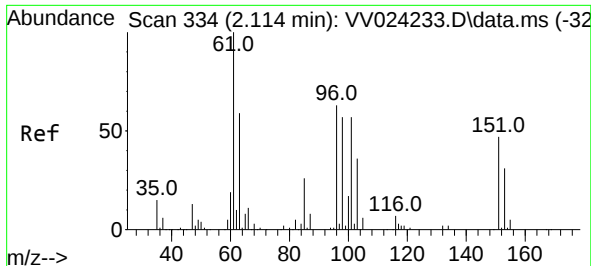
Tgt Ion: 62 Resp: 834
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.4 41.6



#8
 Chloroethane
 Concen: 82.780 ug/L
 RT: 1.417 min Scan# 117
 Delta R.T. -0.167 min
 Lab File: VV024237.D
 Acq: 30 Dec 2021 12:22

Tgt Ion: 64 Resp: 815117
 Ion Ratio Lower Upper
 64 100
 66 5.2 21.4 39.8#





#12

1,1-Dichloroethene

Concen: 0.119 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV024237.D

Acq: 30 Dec 2021 12:22

Instrument :

MSVOA_V

ClientSampleId :

C0J13DL

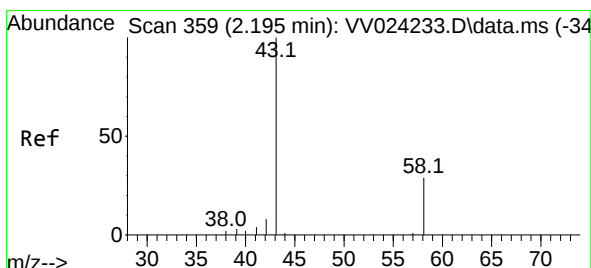
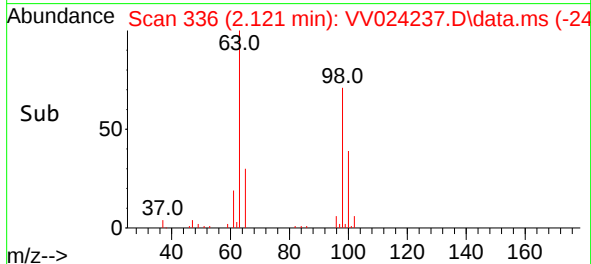
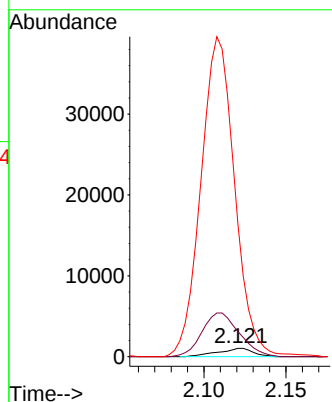
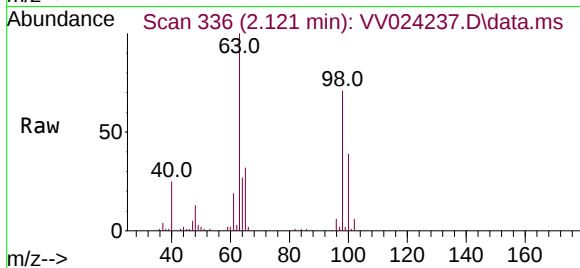
Tgt Ion: 96 Resp: 1542

Ion Ratio Lower Upper

96 100

61 301.0 116.1 215.5#

63 1584.9 79.4 147.4#



#13

Acetone

Concen: 1.391 ug/L

RT: 2.182 min Scan# 355

Delta R.T. -0.013 min

Lab File: VV024237.D

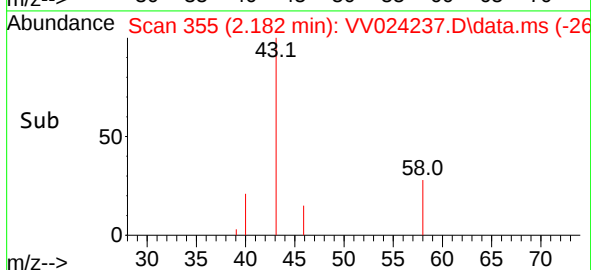
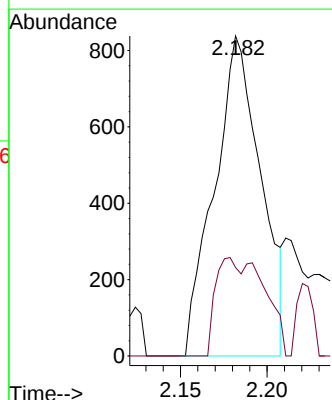
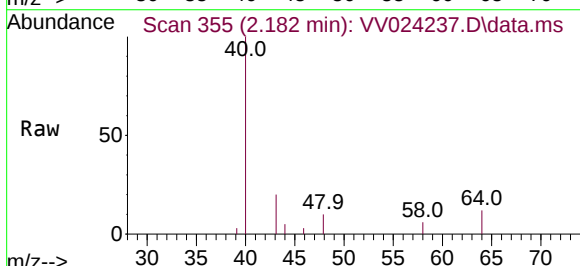
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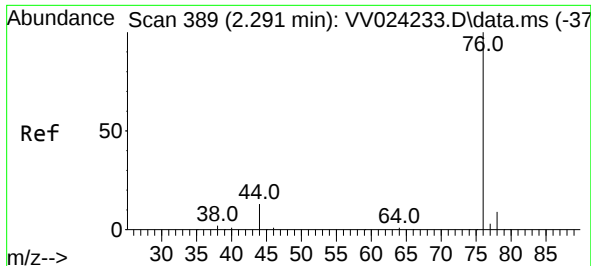
Tgt Ion: 43 Resp: 1563

Ion Ratio Lower Upper

43 100

58 16.6 0.0 41.4

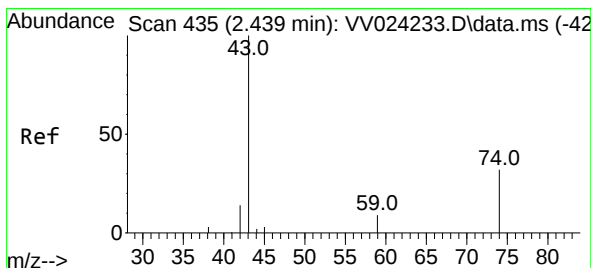
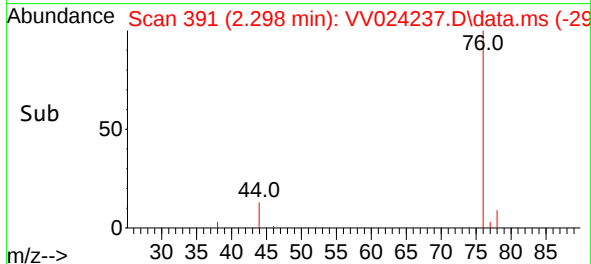
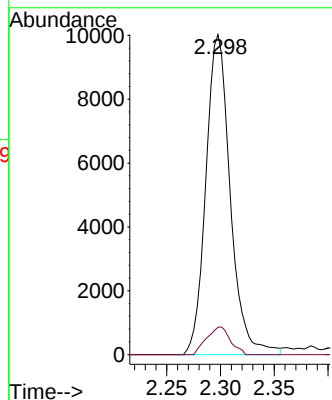
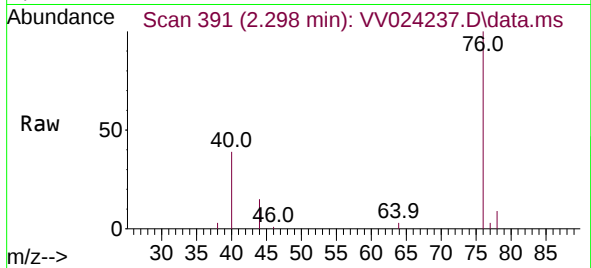




#14
Carbon disulfide
Concen: 0.377 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.007 min
Lab File: VV024237.D
Acq: 30 Dec 2021 12:22

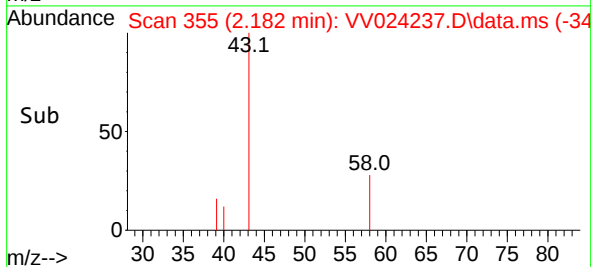
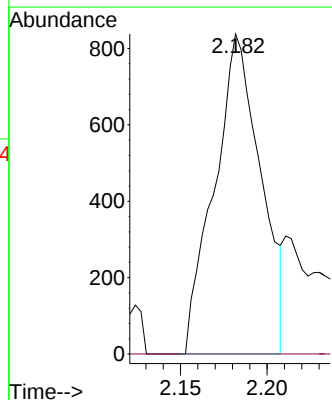
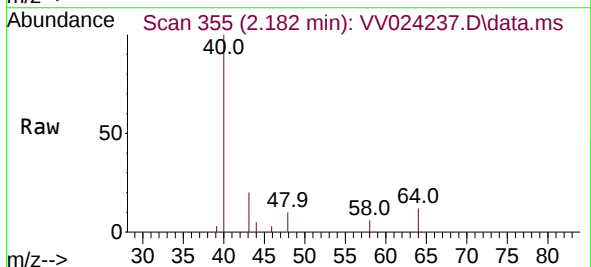
Instrument :
MSVOA_V
ClientSampleId :
C0J13DL

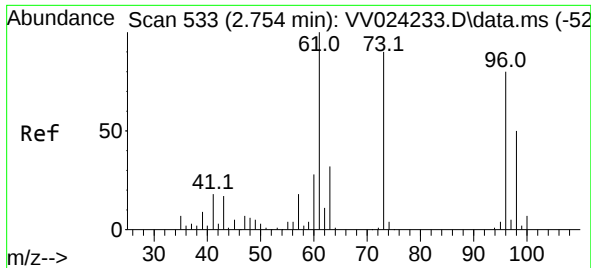
Tgt Ion: 76 Resp: 15829
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#15
Methyl Acetate
Concen: 0.560 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.257 min
Lab File: VV024237.D
Acq: 30 Dec 2021 12:22

Tgt Ion: 43 Resp: 1563
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#

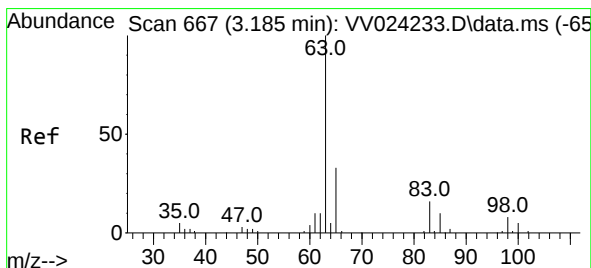
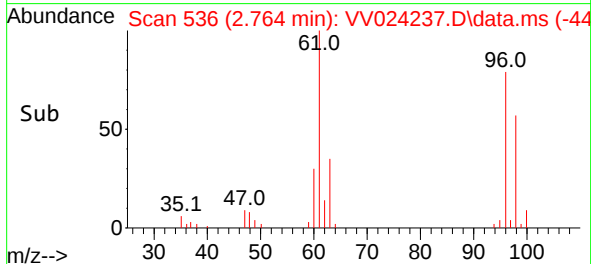
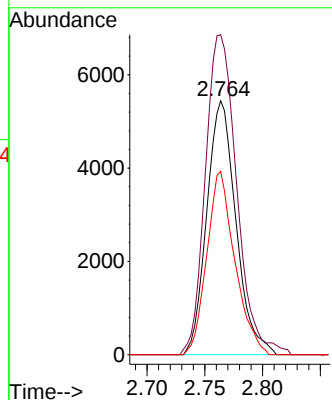
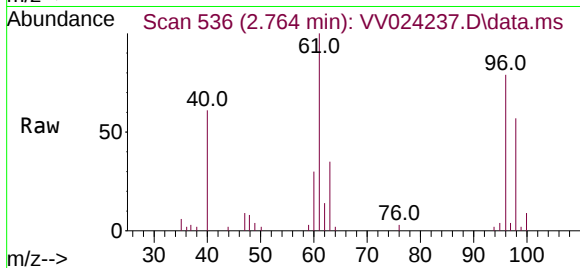




#18
trans-1,2-Dichloroethene
Concen: 0.693 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV024237.D
Acq: 30 Dec 2021 12:22

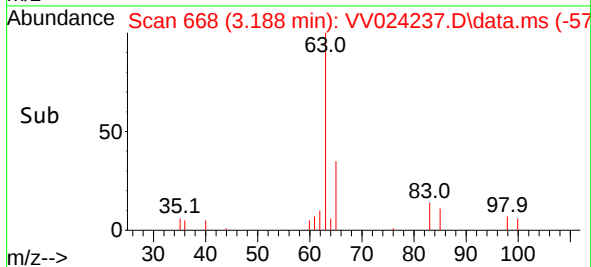
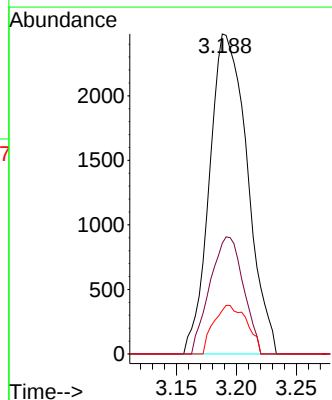
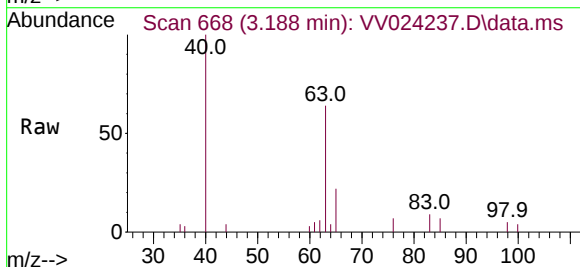
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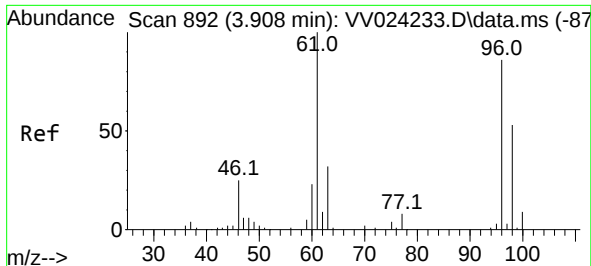
Tgt Ion: 96 Resp: 9572
Ion Ratio Lower Upper
96 100
61 126.0 88.2 163.8
98 72.2 44.9 83.5



#19
1,1-Dichloroethane
Concen: 0.236 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.003 min
Lab File: VV024237.D
Acq: 30 Dec 2021 12:22

Tgt Ion: 63 Resp: 5423
Ion Ratio Lower Upper
63 100
65 34.6 22.3 41.3
83 13.6 10.7 19.9

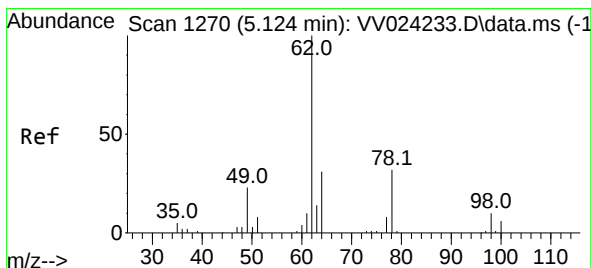
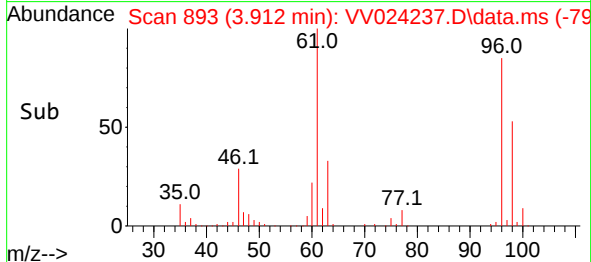
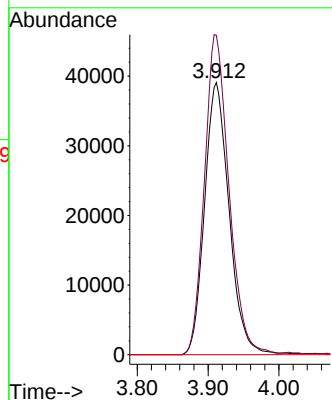
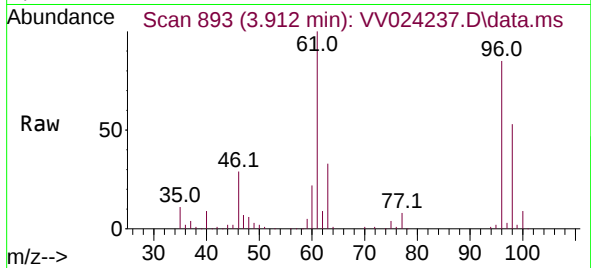




#22
 cis-1,2-Dichloroethene
 Concen: 6.878 ug/L
 RT: 3.912 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV024237.D
 Acq: 30 Dec 2021 12:22

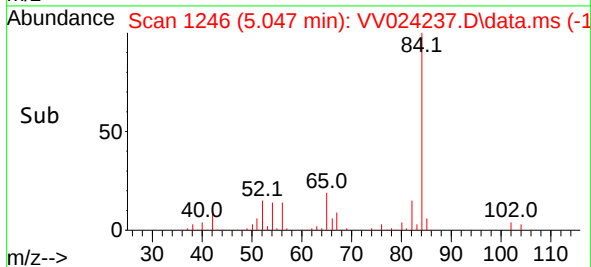
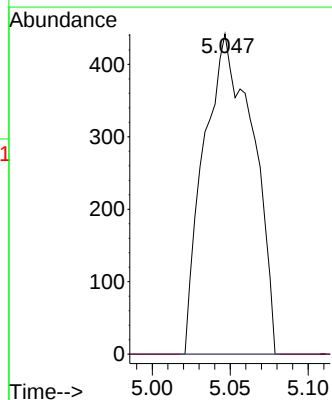
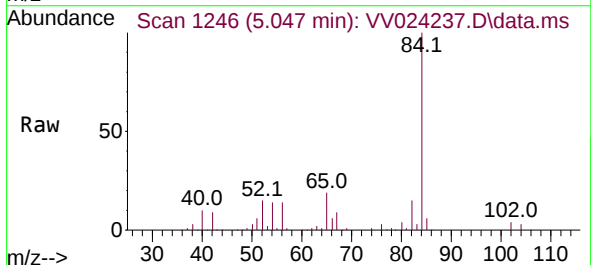
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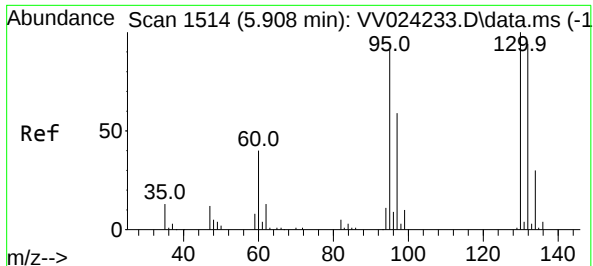
Tgt Ion: 96 Resp: 94037
 Ion Ratio Lower Upper
 96 100
 61 117.3 83.4 154.8
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.067 ug/L
 RT: 5.047 min Scan# 1246
 Delta R.T. -0.077 min
 Lab File: VV024237.D
 Acq: 30 Dec 2021 12:22

Tgt Ion: 62 Resp: 968
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.1 12.1#

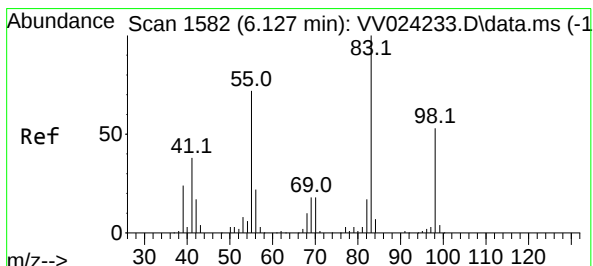
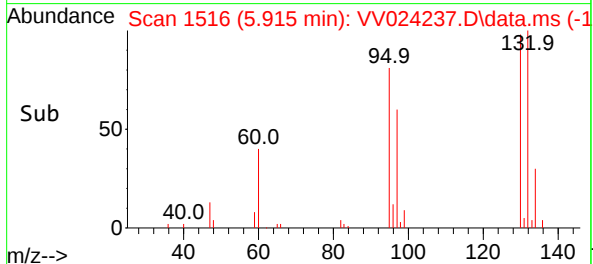
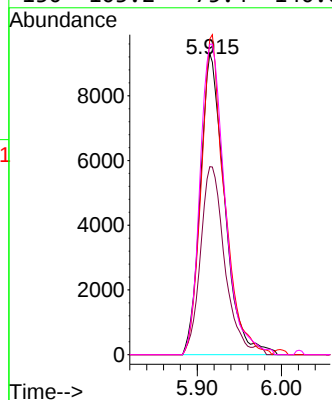
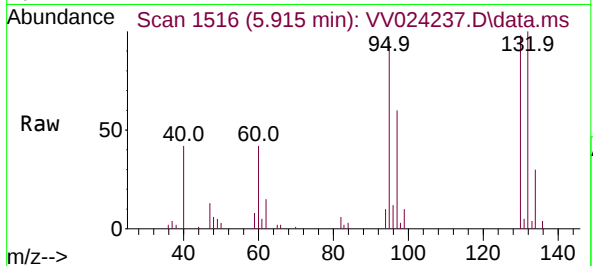




#34
Trichloroethene
Concen: 1.303 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV024237.D
Acq: 30 Dec 2021 12:22

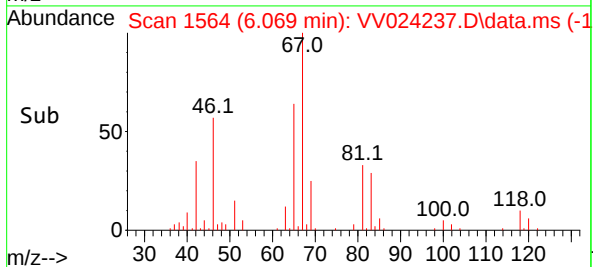
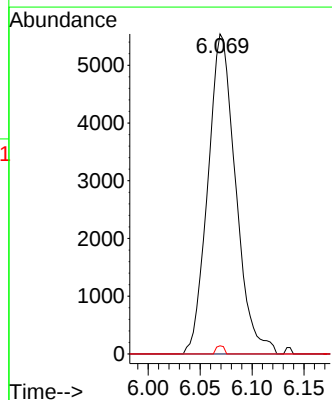
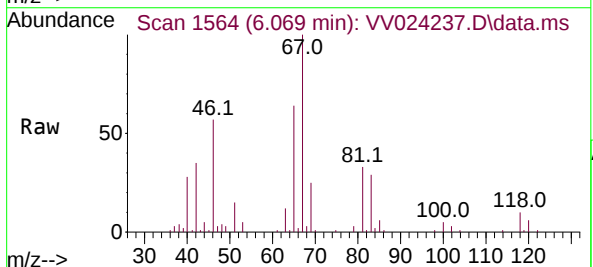
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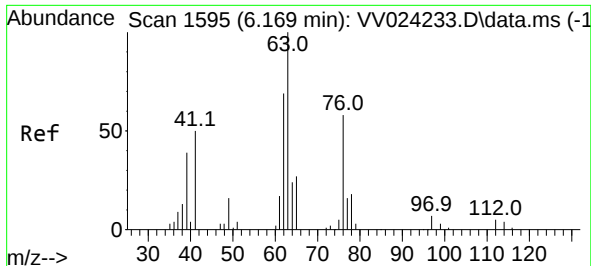
Tgt Ion: 95 Resp: 18624
Ion Ratio Lower Upper
95 100
97 62.5 45.2 84.0
132 104.9 76.1 141.3
130 103.2 75.4 140.0



#35
Methylcyclohexane
Concen: 0.498 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024237.D
Acq: 30 Dec 2021 12:22

Tgt Ion: 83 Resp: 10318
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 0.7 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.410 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV024237.D

Acq: 30 Dec 2021 12:22

Instrument :

MSVOA_V

ClientSampleId :

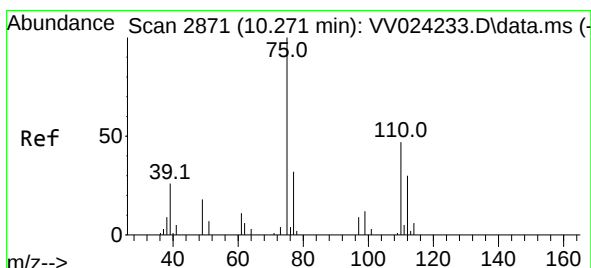
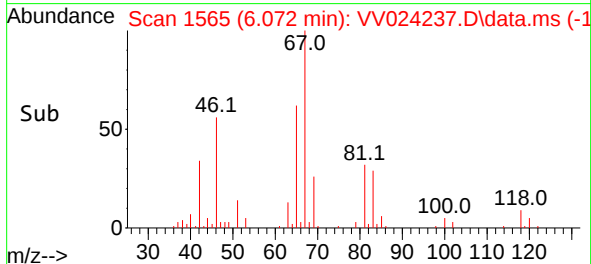
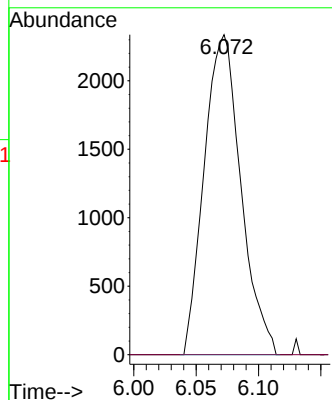
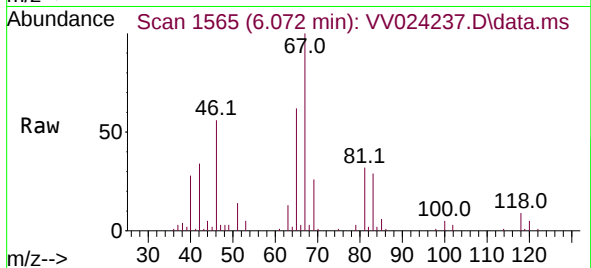
C0J13DL

Tgt Ion: 63 Resp: 4788

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#61

1,2,3-Trichloropropane

Concen: 0.779 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV024237.D

Acq: 30 Dec 2021 12:22

Tgt Ion: 75 Resp: 4721

Ion Ratio Lower Upper

75 100

77 41.2 26.4 39.6#

110 3.4 34.2 51.2#

