

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024009.D
 Acq On : 16 Dec 2021 13:40
 Operator : SY/MD
 Sample : M5090-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 02:00:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

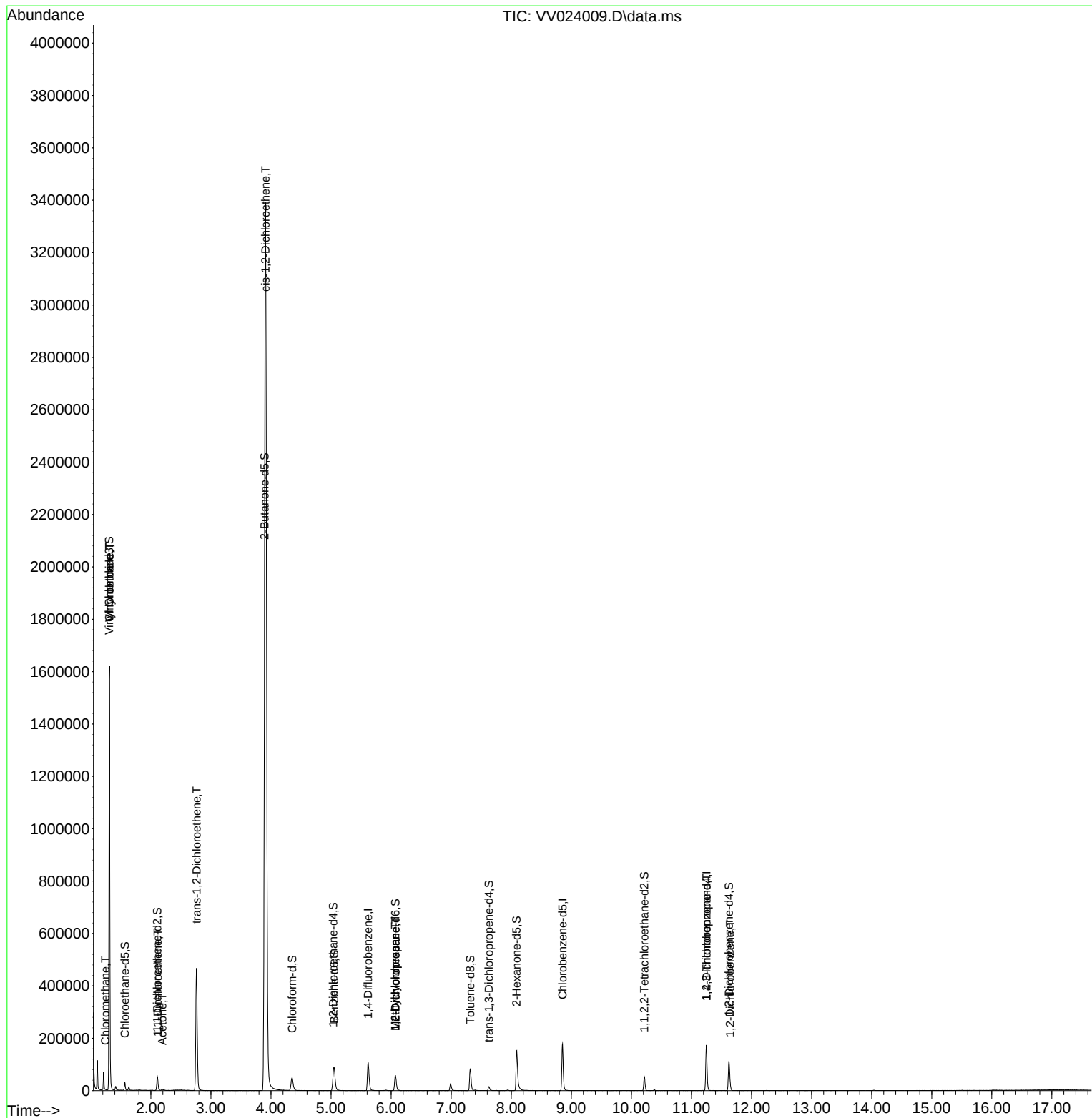
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	93730	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	99265	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48257	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	22267	4.419	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.400%	
7) Chloroethane-d5	1.568	69	16772	3.989	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.800%	
11) 1,1-Dichloroethene-d2	2.108	63	24168	2.457	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	49.200%#	
20) 2-Butanone-d5	3.892	46	79320	80.574	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	161.140%#	
24) Chloroform-d	4.352	84	51430	4.506	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
26) 1,2-Dichloroethane-d4	5.037	65	25961	4.885	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	5.053	84	76541	3.893	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.800%	
36) 1,2-Dichloropropane-d6	6.072	67	26880	4.532	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.600%	
41) Toluene-d8	7.317	98	56863	3.212	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	64.200%#	
43) trans-1,3-Dichloroprop...	7.629	79	9481	3.853	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.000%	
46) 2-Hexanone-d5	8.088	63	52435	47.599	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.200%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23604	4.797	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	29232	4.535	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	533	0.076	ug/L	84
5) Vinyl chloride	1.310	62	906279	119.873	ug/L	100
8) Chloroethane	1.310	64	291217	59.198	ug/L #	44
12) 1,1-Dichloroethene	2.118	96	3452	0.549	ug/L #	1
13) Acetone	2.191	43	4173	5.298	ug/L	79
18) trans-1,2-Dichloroethene	2.761	96	176787	25.396	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	1845846	250.498	ug/L	99
35) Methylcyclohexane	6.069	83	7153	0.614	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	2939	0.440	ug/L #	84
61) 1,2,3-Trichloropropane	11.249	75	4791	1.457	ug/L #	58
67) 1,2-Dichlorobenzene	11.644	146	6406	0.483	ug/L	94

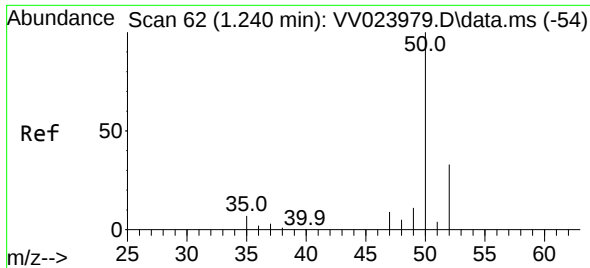
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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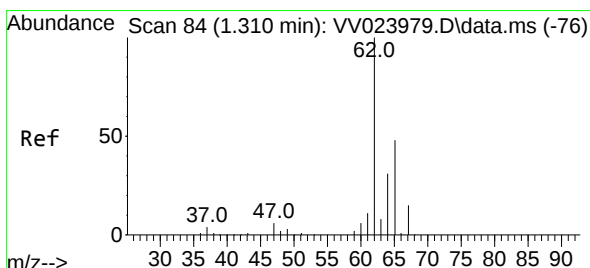
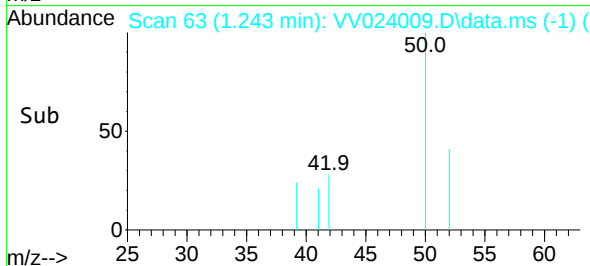
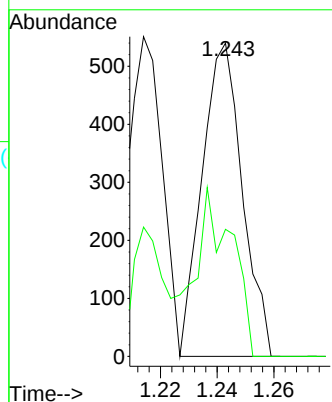
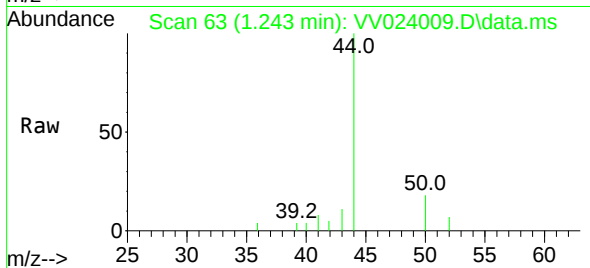




#3
Chloromethane
Concen: 0.076 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV024009.D
Acq: 16 Dec 2021 13:40

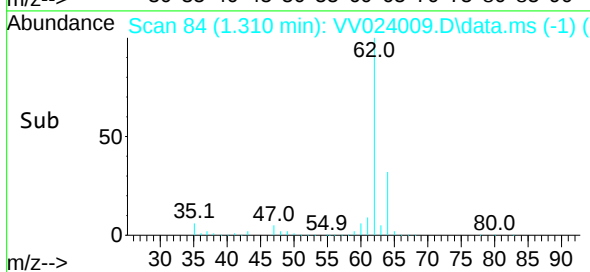
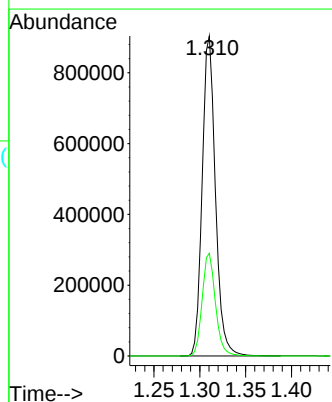
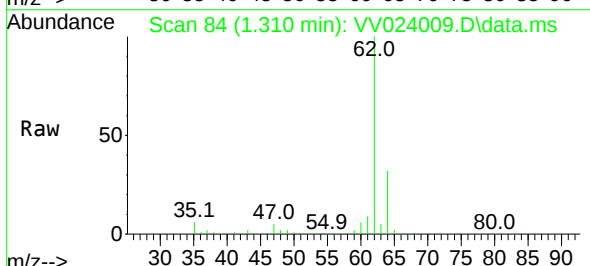
Instrument :
MSVOA_V
ClientSampleId :

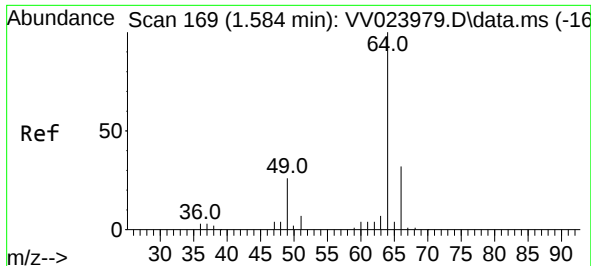
Tgt Ion: 50 Resp: 533
Ion Ratio Lower Upper
50 100
52 40.6 22.0 41.0



#5
Vinyl chloride
Concen: 119.873 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV024009.D
Acq: 16 Dec 2021 13:40

Tgt Ion: 62 Resp: 906279
Ion Ratio Lower Upper
62 100
64 32.1 22.4 41.6

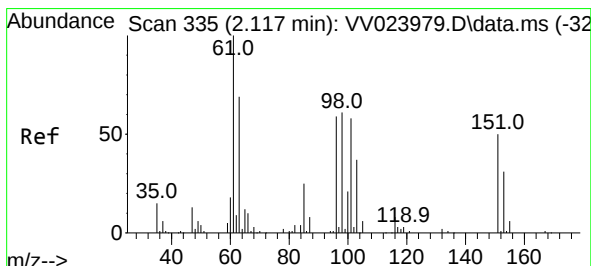
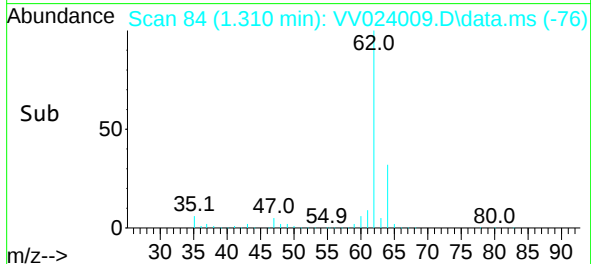
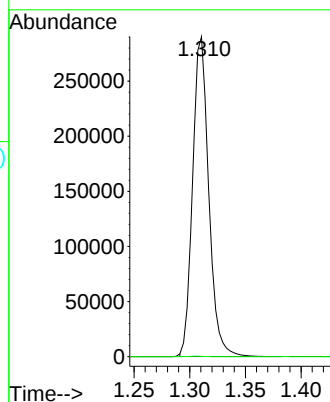
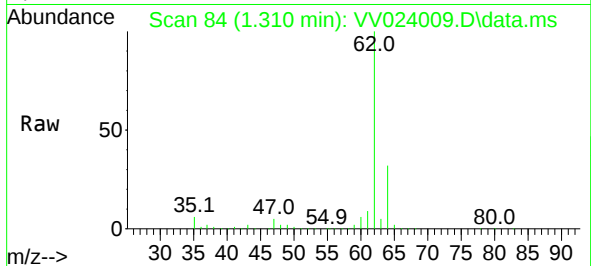




#8
Chloroethane
Concen: 59.198 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV024009.D
Acq: 16 Dec 2021 13:40

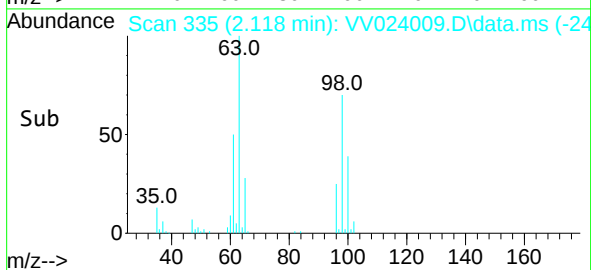
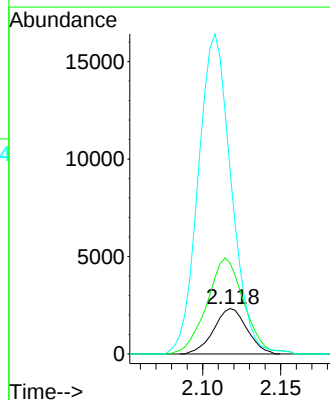
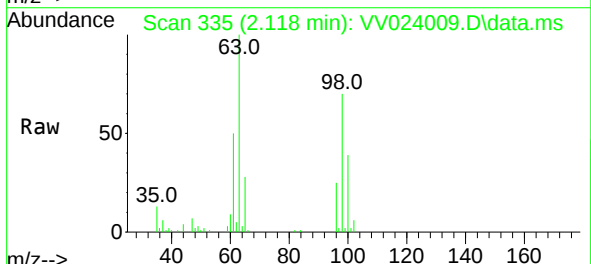
Instrument :
MSVOA_V
ClientSampleId :

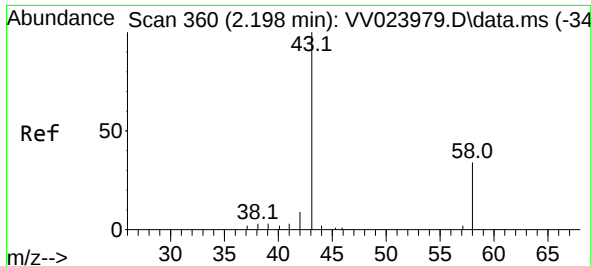
Tgt Ion: 64 Resp: 291217
Ion Ratio Lower Upper
64 100
66 0.1 21.4 39.8#



#12
1,1-Dichloroethene
Concen: 0.549 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV024009.D
Acq: 16 Dec 2021 13:40

Tgt Ion: 96 Resp: 3452
Ion Ratio Lower Upper
96 100
61 200.5 116.1 215.5
63 403.7 79.4 147.4#





#13

Acetone

Concen: 5.298 ug/L

RT: 2.191 min Scan# 3

Delta R.T. -0.006 min

Lab File: VV024009.D

Acq: 16 Dec 2021 13:40

Instrument :

MSVOA_V

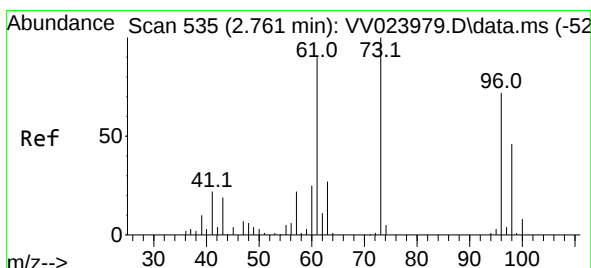
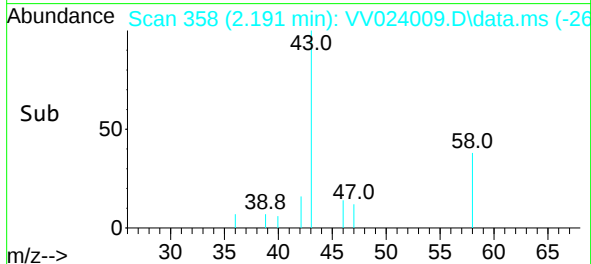
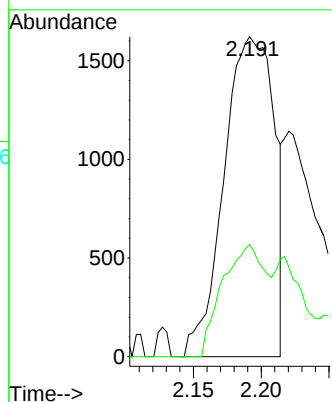
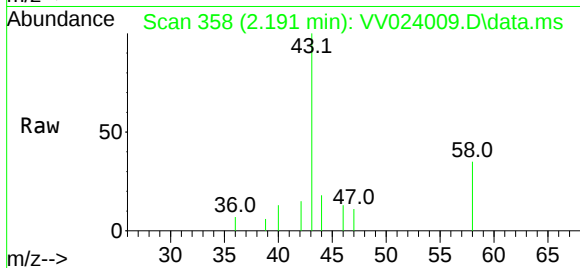
ClientSampleId :

Tgt Ion: 43 Resp: 4173

Ion Ratio Lower Upper

43 100

58 30.5 0.0 41.4



#18

trans-1,2-Dichloroethene

Concen: 25.396 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.000 min

Lab File: VV024009.D

Acq: 16 Dec 2021 13:40

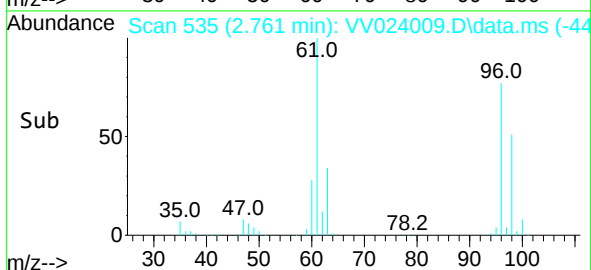
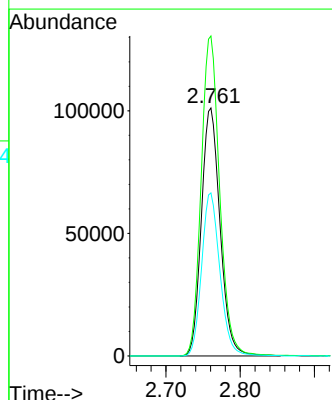
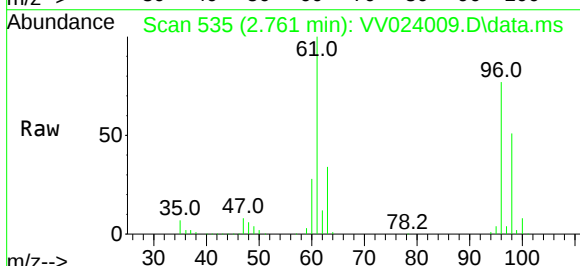
Tgt Ion: 96 Resp: 176787

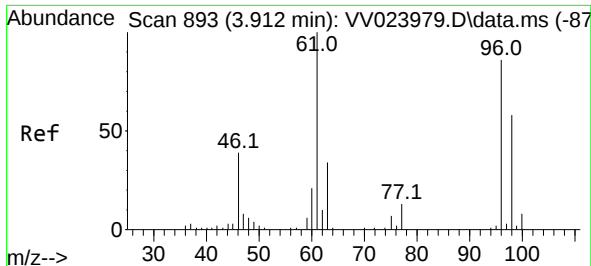
Ion Ratio Lower Upper

96 100

61 129.0 88.2 163.8

98 65.7 44.9 83.5





#22

cis-1,2-Dichloroethene

Concen: 250.498 ug/L

RT: 3.908 min Scan# 893

Delta R.T. -0.003 min

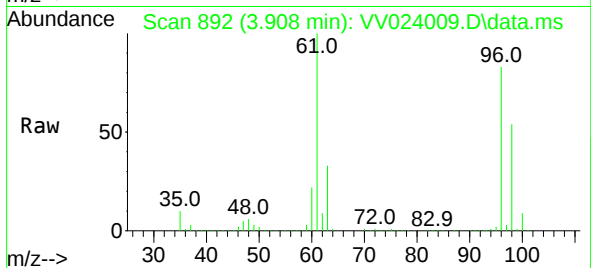
Lab File: VV024009.D

Acq: 16 Dec 2021 13:40

Instrument :

MSVOA_V

ClientSampleId :



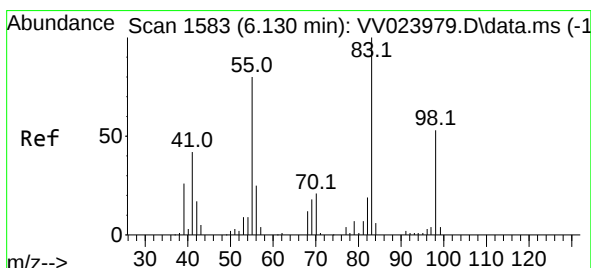
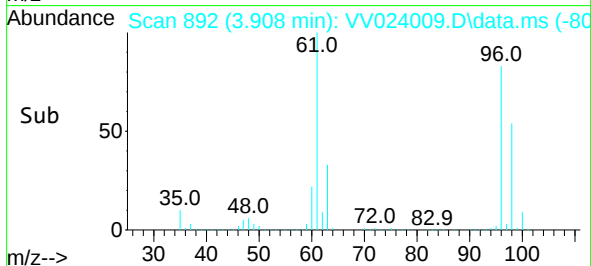
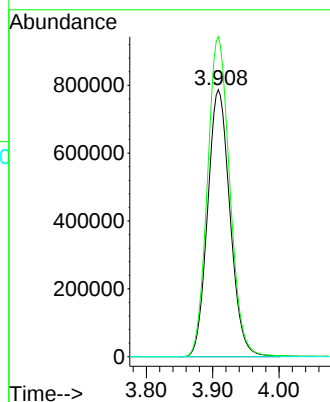
Tgt Ion: 96 Resp: 1845846

Ion Ratio Lower Upper

96 100

61 119.8 83.4 154.8

68 0.0 0.0 0.0



#35

Methylcyclohexane

Concen: 0.614 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV024009.D

Acq: 16 Dec 2021 13:40

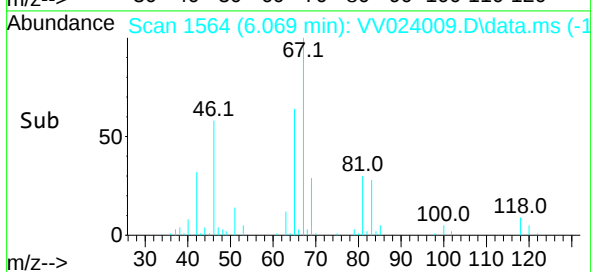
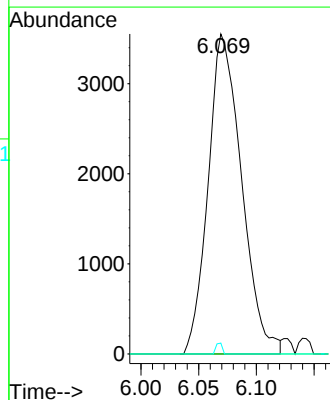
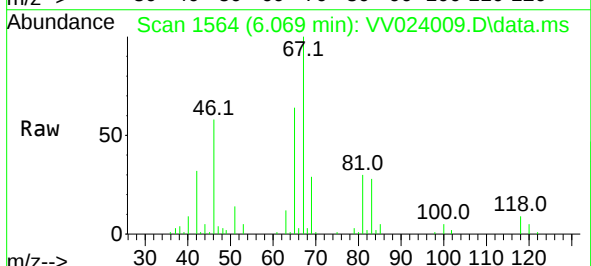
Tgt Ion: 83 Resp: 7153

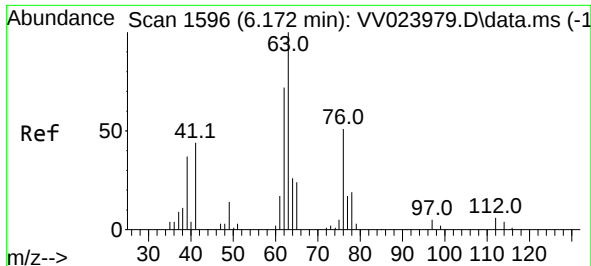
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 0.6 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.440 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024009.D

Acq: 16 Dec 2021 13:40

Instrument :

MSVOA_V

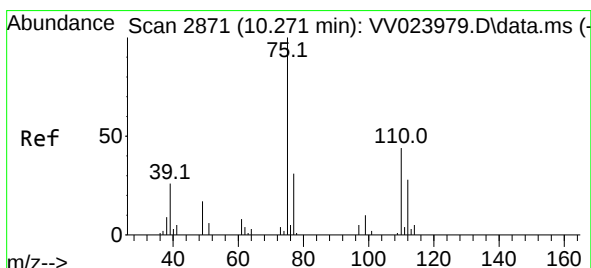
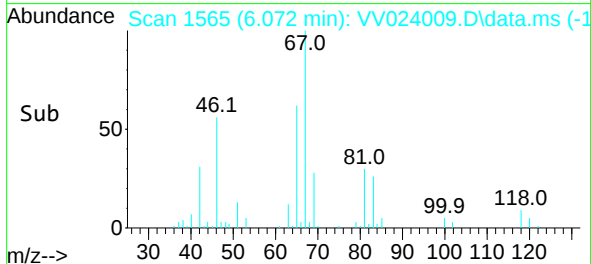
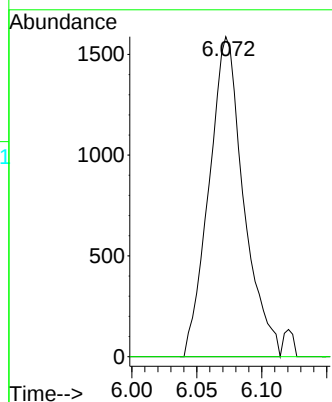
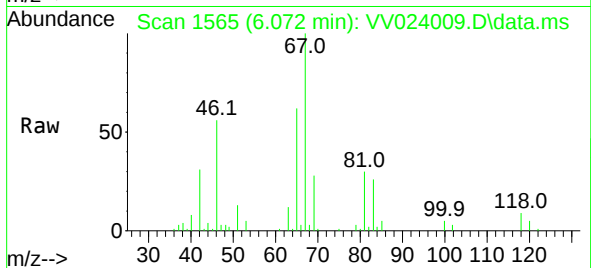
ClientSampleId :

Tgt Ion: 63 Resp: 2939

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#61

1,2,3-Trichloropropane

Concen: 1.457 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV024009.D

Acq: 16 Dec 2021 13:40

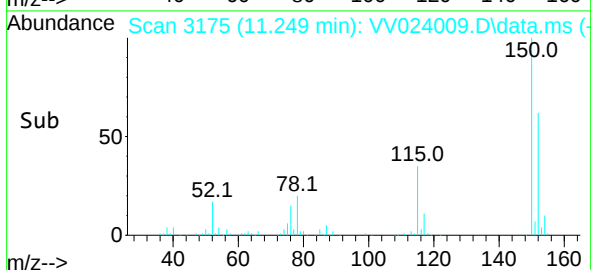
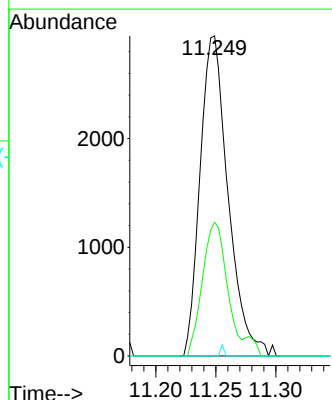
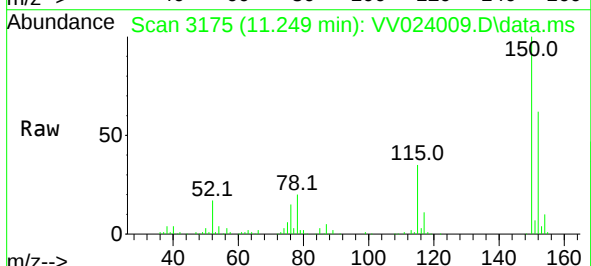
Tgt Ion: 75 Resp: 4791

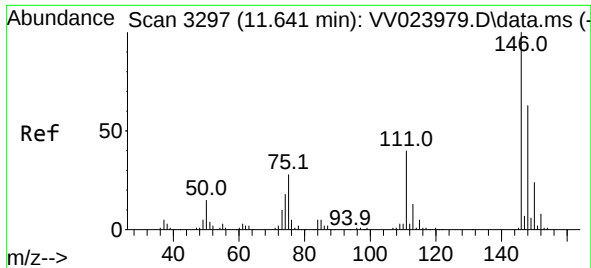
Ion Ratio Lower Upper

75 100

77 38.9 26.4 39.6

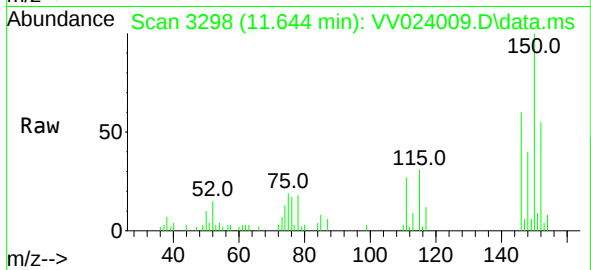
110 0.4 34.2 51.2#





#67
 1,2-Dichlorobenzene
 Concen: 0.483 ug/L
 RT: 11.644 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV024009.D
 Acq: 16 Dec 2021 13:40

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	146	Resp:	6406
Ion	Ratio	Lower	Upper
146	100		
111	45.5	31.9	47.9
148	66.2	50.5	75.7

