

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024010.D
 Acq On : 16 Dec 2021 14:04
 Operator : SY/MD
 Sample : M5090-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 02:00:53 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	5.619	114	95895	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	101023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51469	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	17401	3.375	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.567	69	16026	3.726	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.108	63	22634	2.249	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.000%#
20) 2-Butanone-d5	3.889	46	82979	82.388	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	164.780%#
24) Chloroform-d	4.352	84	49250	4.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.037	65	25072	4.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.053	84	76050	3.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.069	67	26331	4.362	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.316	98	56276	3.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.400%#
43) trans-1,3-Dichloroprop...	7.625	79	8478	3.385	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.800%
46) 2-Hexanone-d5	8.088	63	52342	46.688	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.380%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23185	4.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	30445	4.428	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	590	0.083	ug/L #	80
5) Vinyl chloride	1.310	62	283060	36.595	ug/L	99
8) Chloroethane	1.310	64	91856	18.251	ug/L #	45
12) 1,1-Dichloroethene	2.117	96	2832	0.440	ug/L #	1
13) Acetone	2.178	43	3050	3.785	ug/L	75
14) Carbon disulfide	2.294	76	1792	0.096	ug/L #	82
18) trans-1,2-Dichloroethene	2.757	96	1732766	243.294	ug/L	96
19) 1,1-Dichloroethane	3.194	63	795	0.062	ug/L #	67
22) cis-1,2-Dichloroethene	3.908	96	2731311	362.295	ug/L	97
33) Benzene	5.111	78	5255	0.184	ug/L	100
35) Methylcyclohexane	6.072	83	6892	0.581	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	3518	0.518	ug/L #	84
42) Toluene	7.400	91	2150	0.067	ug/L	88
48) 2-Hexanone	8.143	43	2316	0.979	ug/L #	49
61) 1,2,3-Trichloropropane	11.249	75	5461	1.558	ug/L #	64
67) 1,2-Dichlorobenzene	11.641	146	986	0.070	ug/L #	91

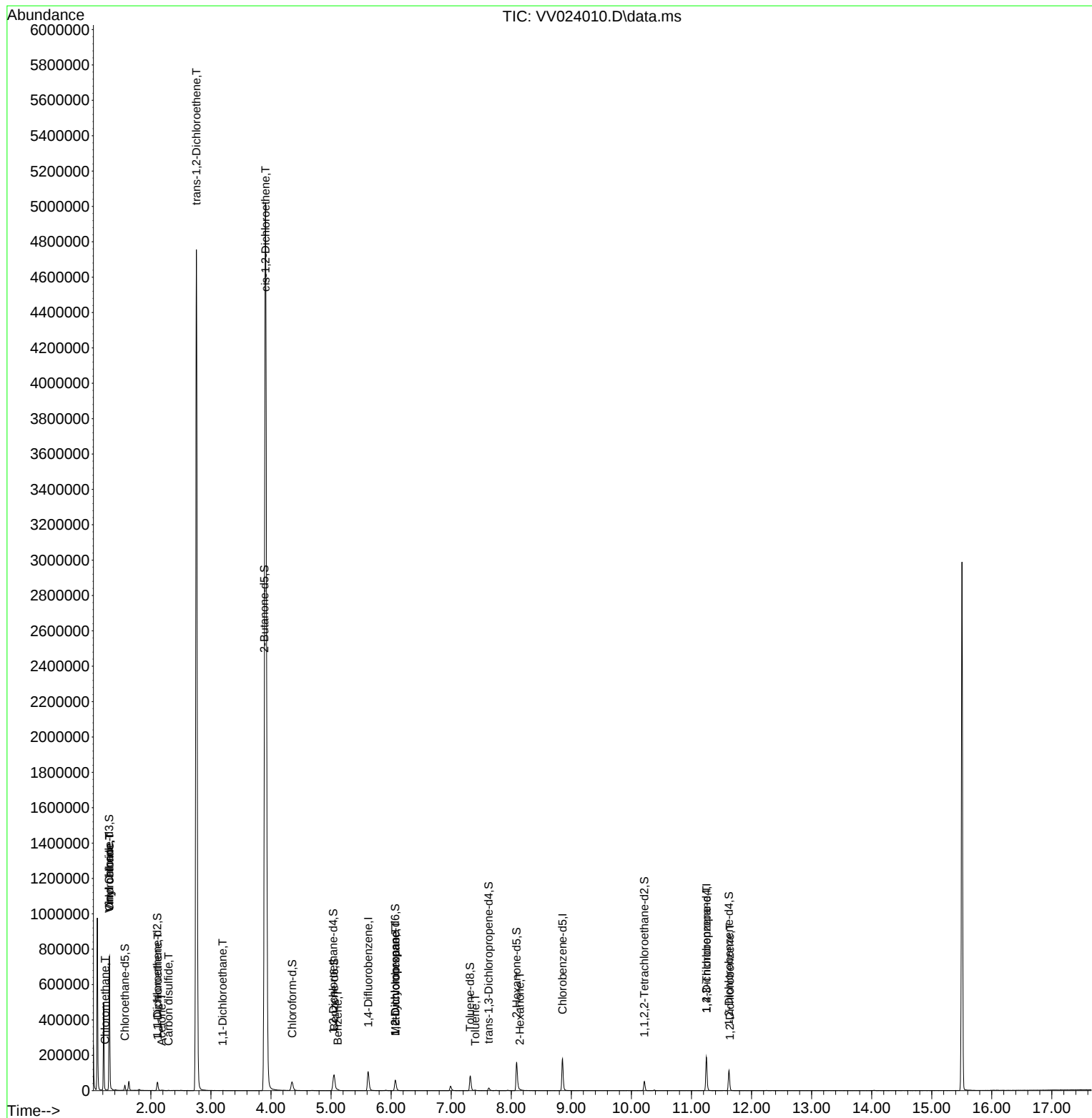
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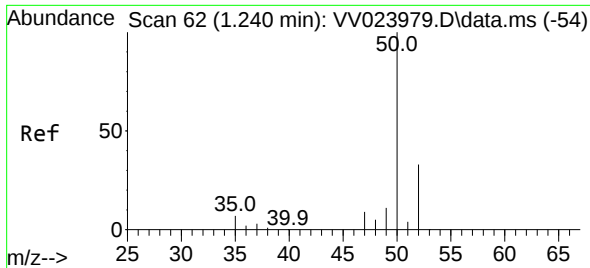
Instrument :
MSVOA_V
ClientSampleId :

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Data File : VV024010.D
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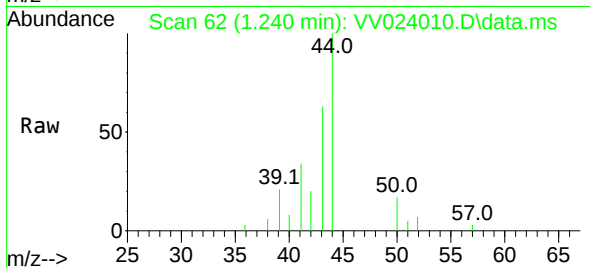
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
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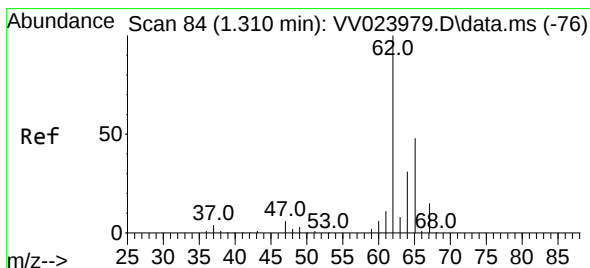
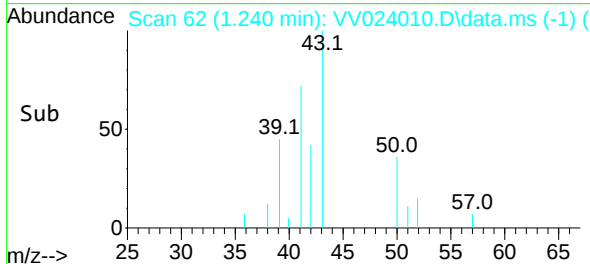
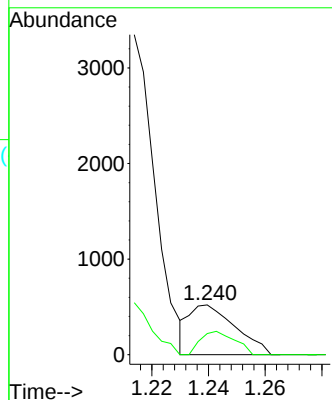


#3
Chloromethane
Concen: 0.083 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV024010.D
Acq: 16 Dec 2021 14:04

Instrument :
MSVOA_V
ClientSampleId :

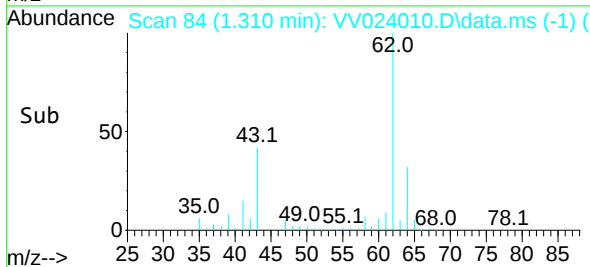
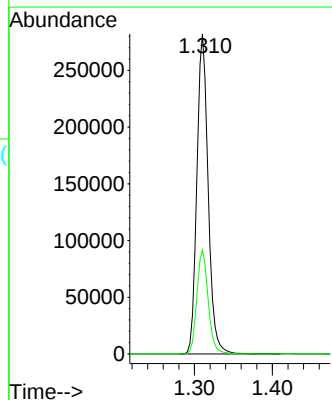
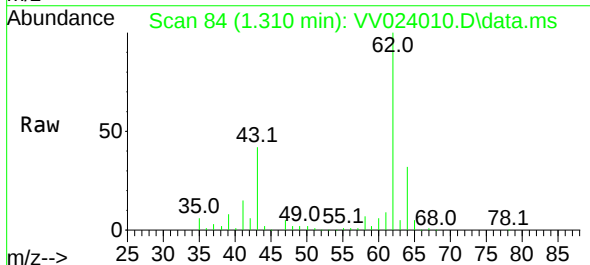


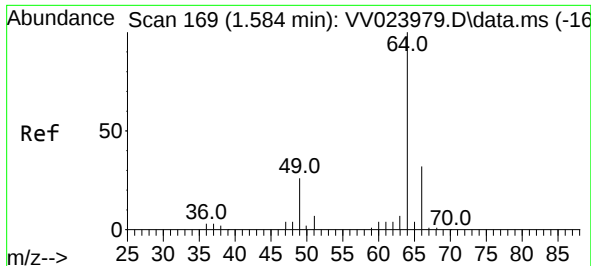
Tgt Ion: 50 Resp: 590
Ion Ratio Lower Upper
50 100
52 42.4 22.0 41.0#



#5
Vinyl chloride
Concen: 36.595 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV024010.D
Acq: 16 Dec 2021 14:04

Tgt Ion: 62 Resp: 283060
Ion Ratio Lower Upper
62 100
64 32.5 22.4 41.6

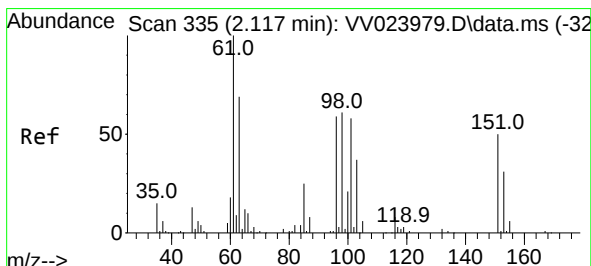
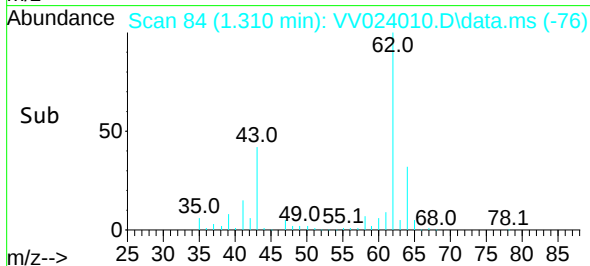
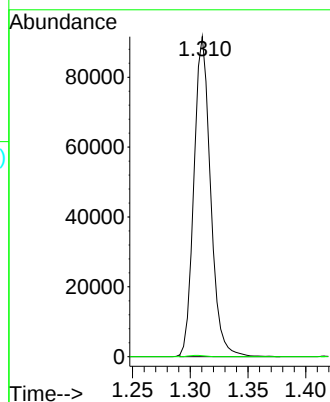
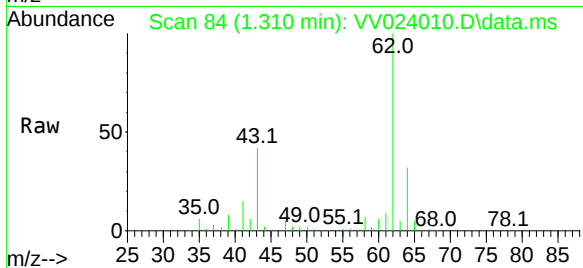




#8
Chloroethane
Concen: 18.251 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV024010.D
Acq: 16 Dec 2021 14:04

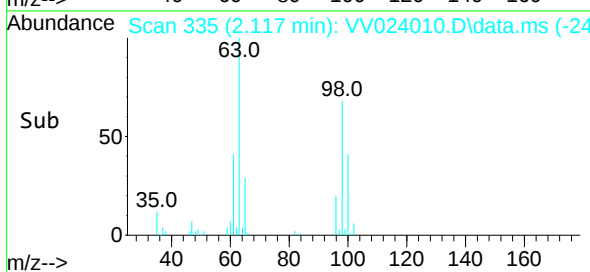
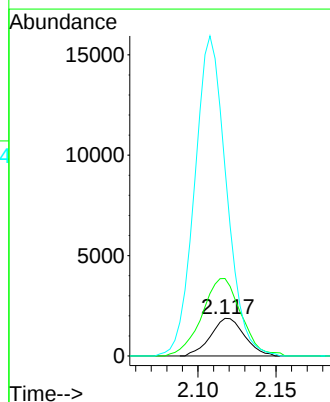
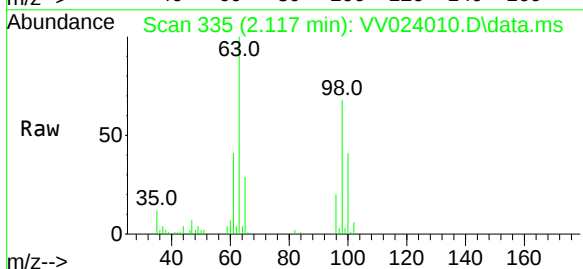
Instrument :
MSVOA_V
ClientSampleId :

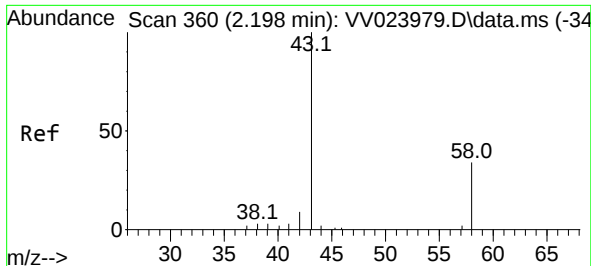
Tgt Ion: 64 Resp: 91856
Ion Ratio Lower Upper
64 100
66 0.3 21.4 39.8#



#12
1,1-Dichloroethene
Concen: 0.440 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV024010.D
Acq: 16 Dec 2021 14:04

Tgt Ion: 96 Resp: 2832
Ion Ratio Lower Upper
96 100
61 206.2 116.1 215.5
63 499.8 79.4 147.4#





#13

Acetone

Concen: 3.785 ug/L

RT: 2.178 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV024010.D

Acq: 16 Dec 2021 14:04

Instrument :

MSVOA_V

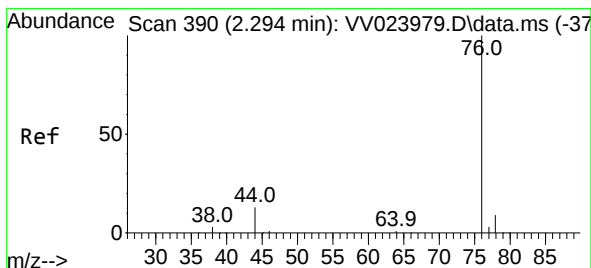
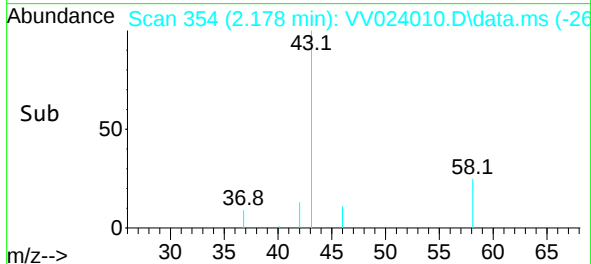
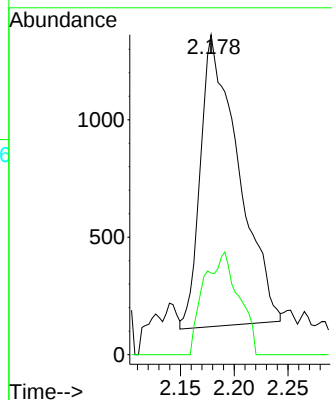
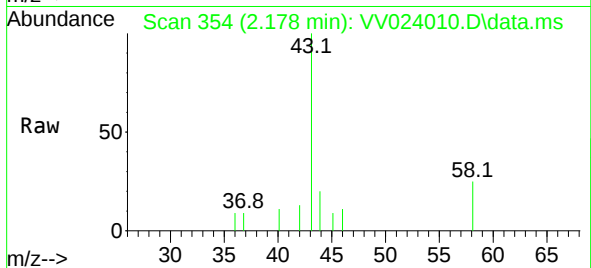
ClientSampleId :

Tgt Ion: 43 Resp: 3050

Ion Ratio Lower Upper

43 100

58 32.2 0.0 41.4



#14

Carbon disulfide

Concen: 0.096 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV024010.D

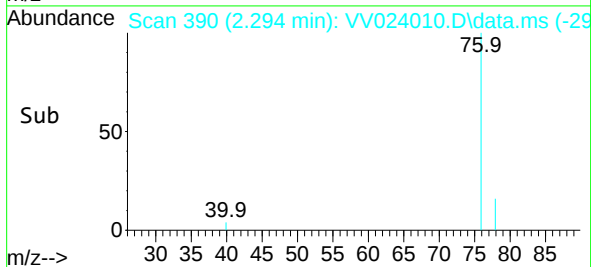
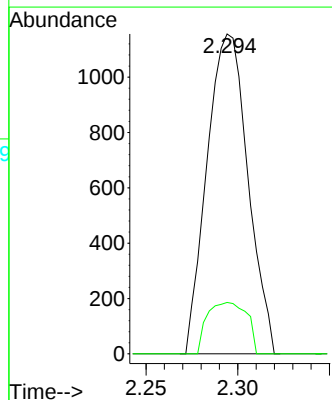
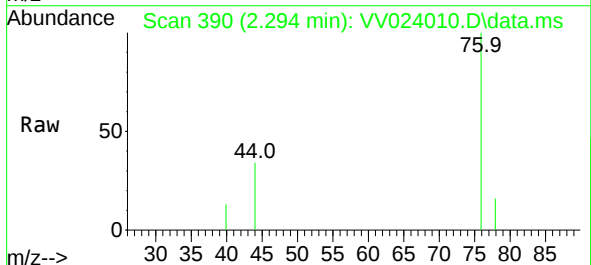
Acq: 16 Dec 2021 14:04

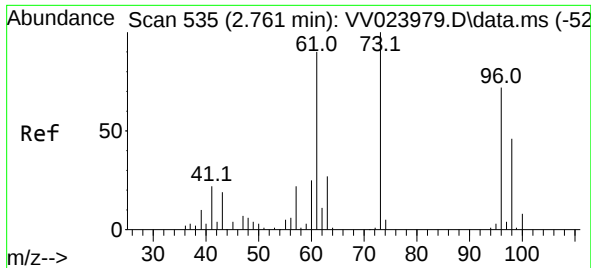
Tgt Ion: 76 Resp: 1792

Ion Ratio Lower Upper

76 100

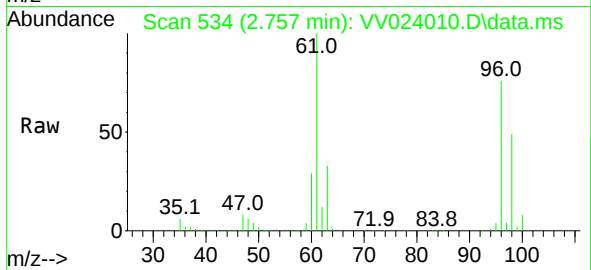
78 16.1 7.5 11.3#





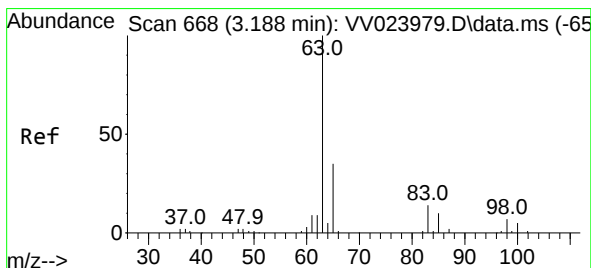
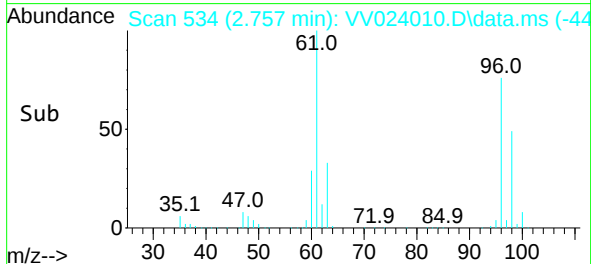
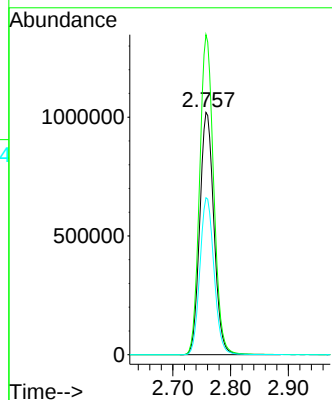
#18
trans-1,2-Dichloroethene
Concen: 243.294 ug/L
RT: 2.757 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024010.D
Acq: 16 Dec 2021 14:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 1732766

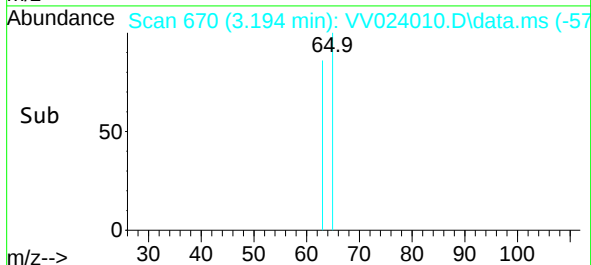
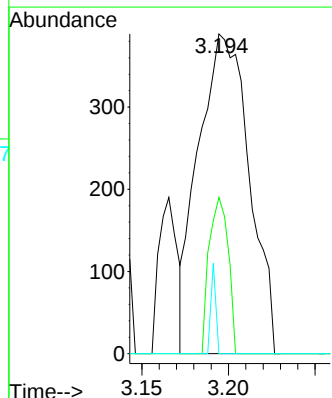
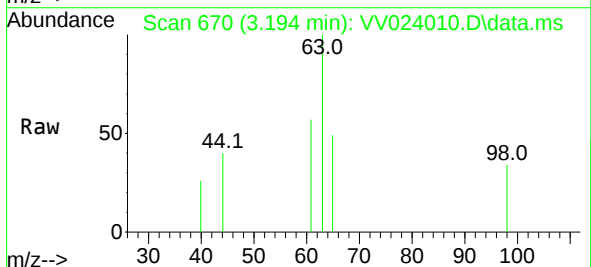
Ion	Ratio	Lower	Upper
96	100		
61	132.1	88.2	163.8
98	64.8	44.9	83.5

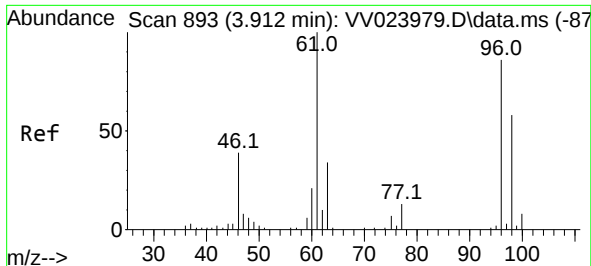


#19
1,1-Dichloroethane
Concen: 0.062 ug/L
RT: 3.194 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV024010.D
Acq: 16 Dec 2021 14:04

Tgt Ion: 63 Resp: 795

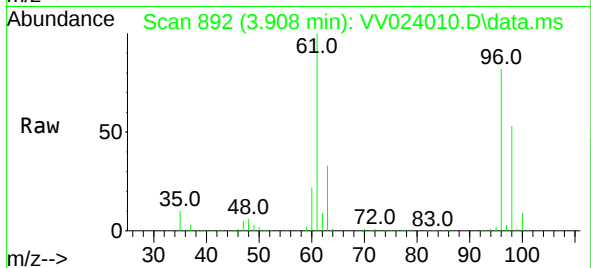
Ion	Ratio	Lower	Upper
63	100		
65	48.8	22.3	41.3#
83	0.0	10.7	19.9#





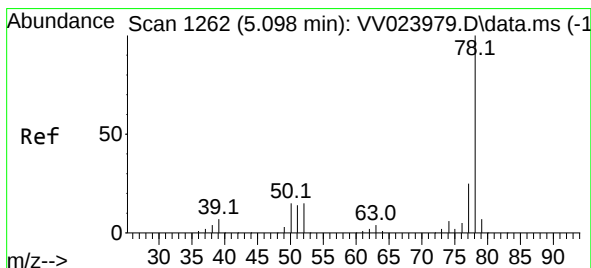
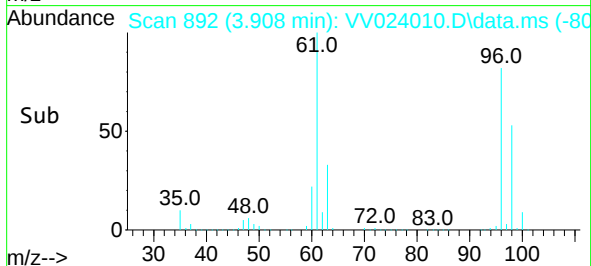
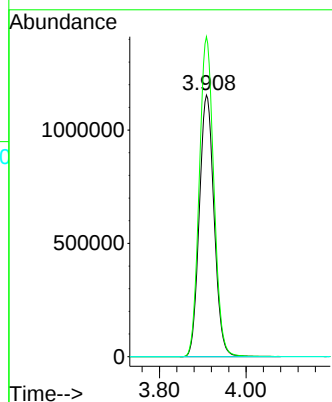
#22
 cis-1,2-Dichloroethene
 Concen: 362.295 ug/L
 RT: 3.908 min Scan# 893
 Delta R.T. -0.003 min
 Lab File: VV024010.D
 Acq: 16 Dec 2021 14:04

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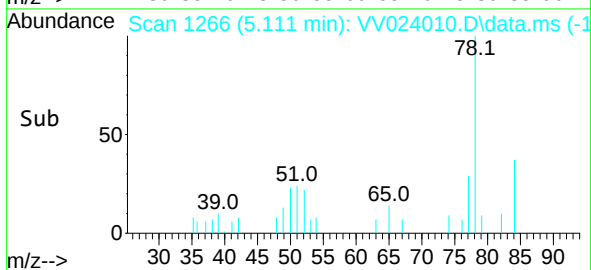
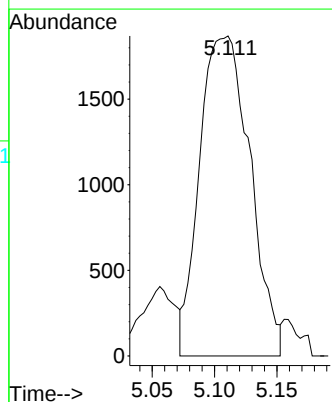
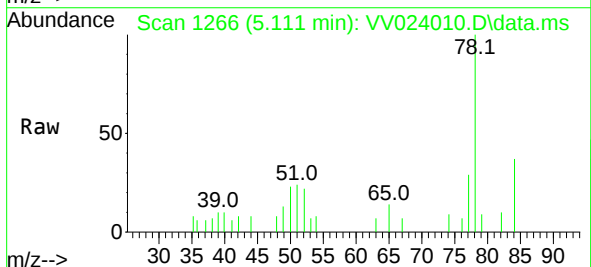
Tgt Ion: 96 Resp: 2731311

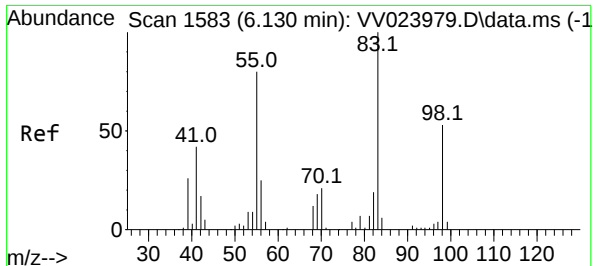
Ion	Ratio	Lower	Upper
96	100		
61	122.3	83.4	154.8
68	0.0	0.0	0.0



#33
 Benzene
 Concen: 0.184 ug/L
 RT: 5.111 min Scan# 1266
 Delta R.T. 0.013 min
 Lab File: VV024010.D
 Acq: 16 Dec 2021 14:04

Tgt Ion: 78 Resp: 5255





#35

Methylcyclohexane

Concen: 0.581 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV024010.D

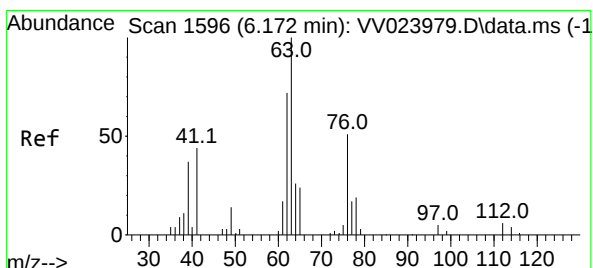
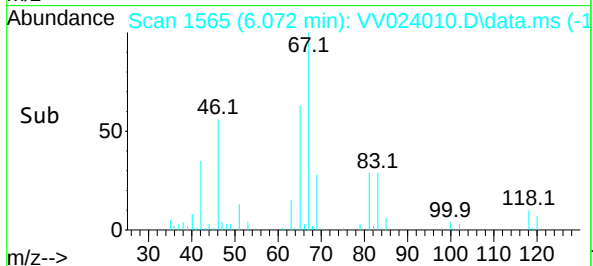
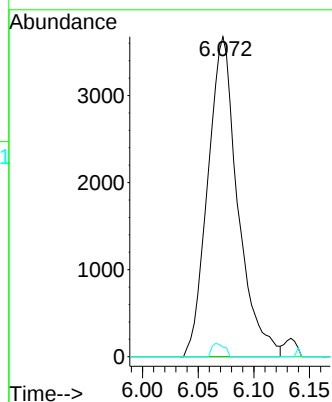
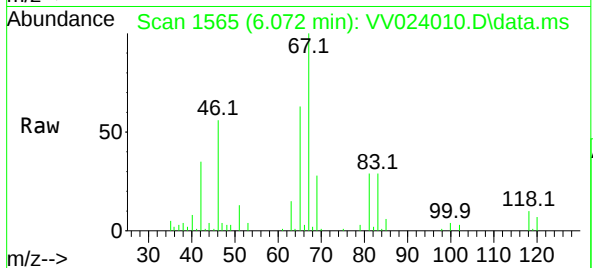
Acq: 16 Dec 2021 14:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 6892
Ion Ratio	Lower Upper
83	100
55	0.0 60.2 90.2#
98	1.8 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.518 ug/L

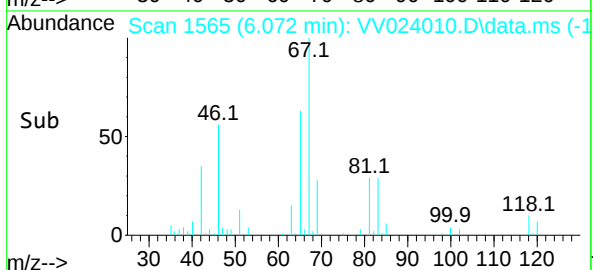
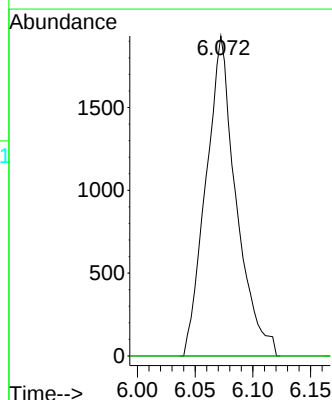
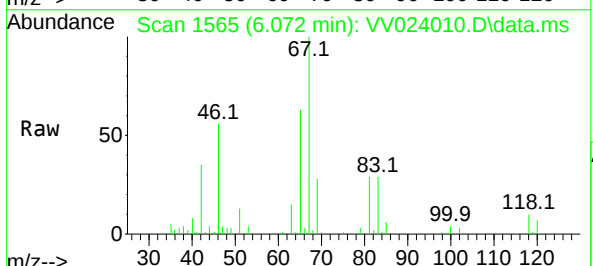
RT: 6.072 min Scan# 1565

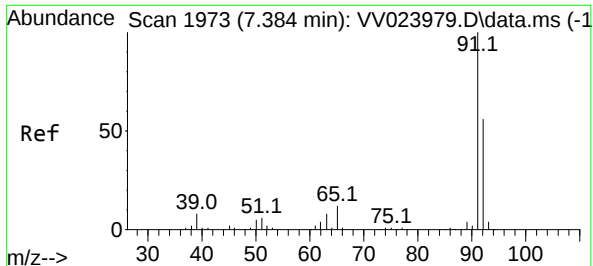
Delta R.T. -0.100 min

Lab File: VV024010.D

Acq: 16 Dec 2021 14:04

Tgt Ion: 63	Resp: 3518
Ion Ratio	Lower Upper
63	100
112	0.0 4.3 6.5#

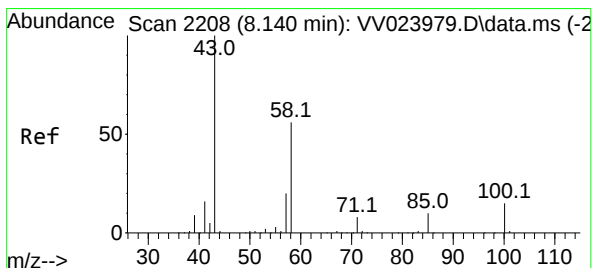
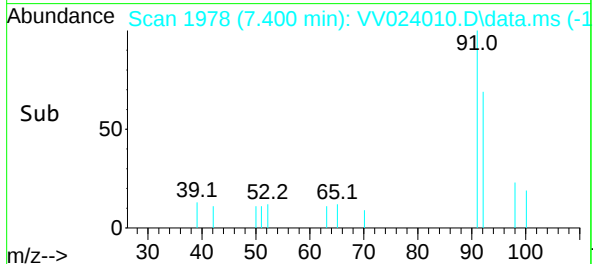
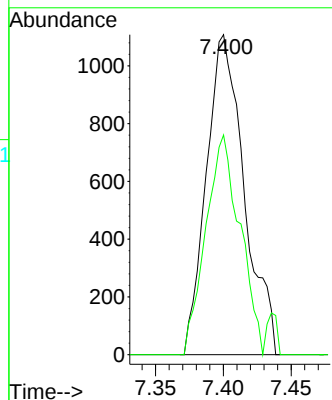
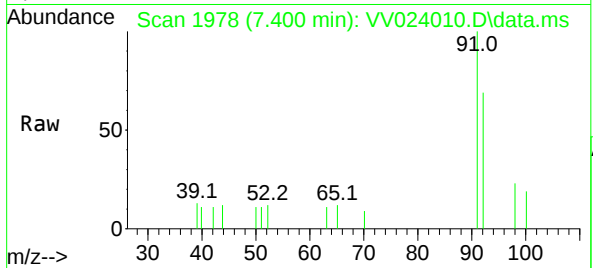




#42
Toluene
Concen: 0.067 ug/L
RT: 7.400 min Scan# 1973
Delta R.T. 0.016 min
Lab File: VV024010.D
Acq: 16 Dec 2021 14:04

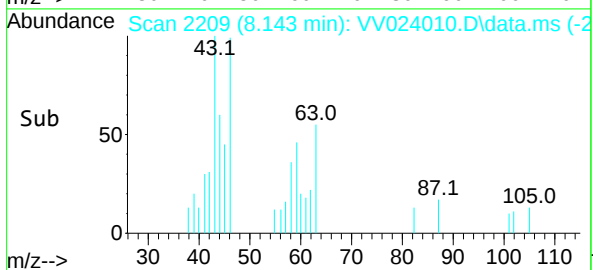
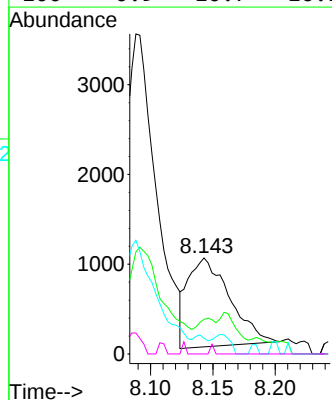
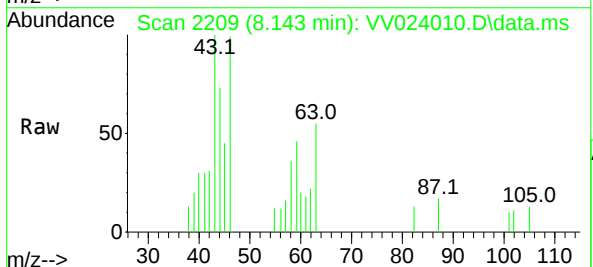
Instrument :
MSVOA_V
ClientSampleId :

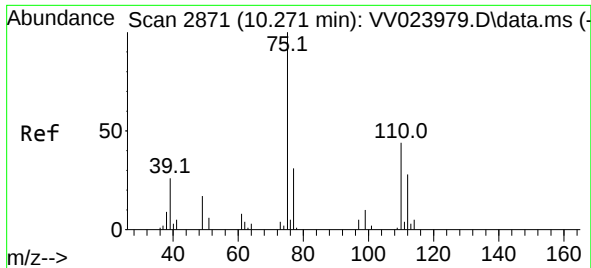
Tgt Ion: 91 Resp: 2150
Ion Ratio Lower Upper
91 100
92 68.7 41.5 77.1



#48
2-Hexanone
Concen: 0.979 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV024010.D
Acq: 16 Dec 2021 14:04

Tgt Ion: 43 Resp: 2316
Ion Ratio Lower Upper
43 100
58 12.8 44.5 66.7#
57 0.0 15.1 22.7#
100 0.9 10.7 16.1#

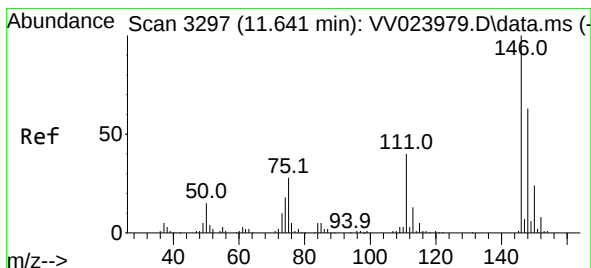
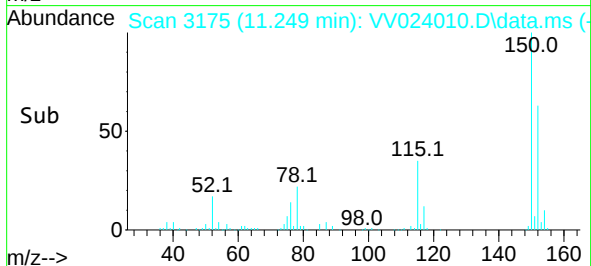
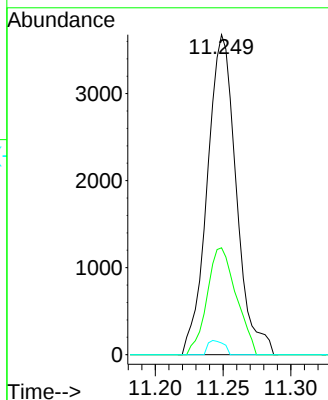
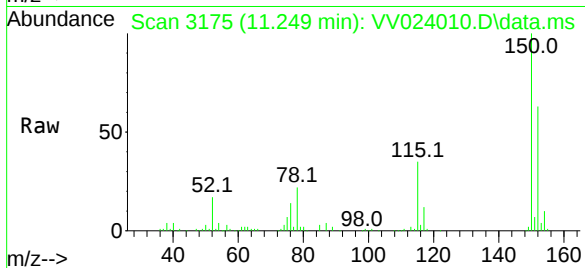




#61
1,2,3-Trichloropropane
Concen: 1.558 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV024010.D
Acq: 16 Dec 2021 14:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 5461
Ion Ratio Lower Upper
75 100
77 33.6 26.4 39.6
110 2.5 34.2 51.2#



#67
1,2-Dichlorobenzene
Concen: 0.070 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024010.D
Acq: 16 Dec 2021 14:04

Tgt Ion: 146 Resp: 986
Ion Ratio Lower Upper
146 100
111 49.3 31.9 47.9#
148 66.4 50.5 75.7

