

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024014.D
 Acq On : 16 Dec 2021 15:39
 Operator : SY/MD
 Sample : M5090-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 02:01:24 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	96429	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	100210	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	24359	4.699	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.568	69	20898	4.832	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.108	63	36440	3.601	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.899	46	55654	54.951	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.900%
24) Chloroform-d	4.349	84	52468	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.037	65	26614	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.053	84	98652	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.069	67	29297	4.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.320	98	90192	5.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	7.625	79	11679	4.701	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.092	63	39767	35.759	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	20698	4.167	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	37532	5.271	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	713	0.099	ug/L #	79
5) Vinyl chloride	1.307	62	487	0.063	ug/L #	1
13) Acetone	2.185	43	9909	12.229	ug/L	98
15) Methyl Acetate	2.185	43	9626	4.901	ug/L #	50
17) Methyl tert-butyl Ether	2.770	73	1415	0.097	ug/L #	79
18) trans-1,2-Dichloroethene	2.764	96	987	0.138	ug/L	78
22) cis-1,2-Dichloroethene	3.918	96	6098	0.804	ug/L	92
33) Benzene	5.108	78	14362	0.507	ug/L	100
35) Methylcyclohexane	6.069	83	7615	0.647	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	3369	0.500	ug/L #	84
42) Toluene	7.394	91	16839	0.528	ug/L	99
48) 2-Hexanone	8.153	43	3399	1.448	ug/L #	88
53) m,p-xylene	9.140	106	1502	0.113	ug/L	88
54) o-xylene	9.548	106	1463	0.114	ug/L	89
61) 1,2,3-Trichloropropane	11.246	75	5307	1.461	ug/L #	60
71) Naphthalene	13.509	128	1737	0.117	ug/L #	87

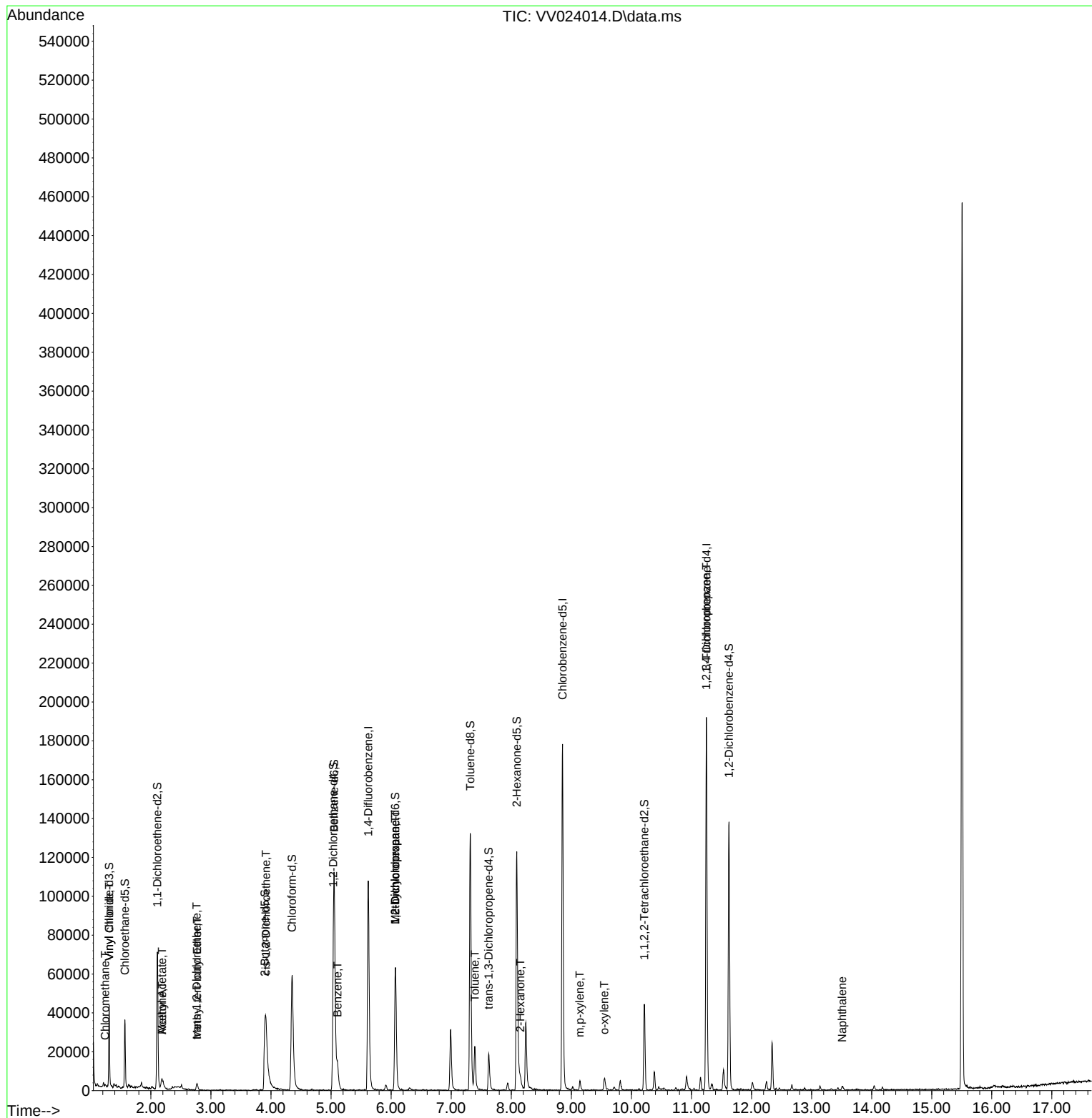
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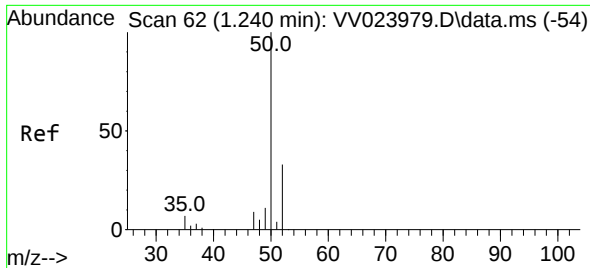
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121621\
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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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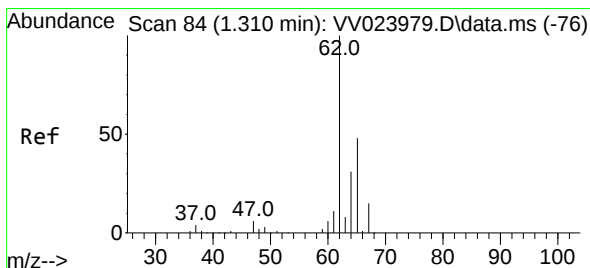
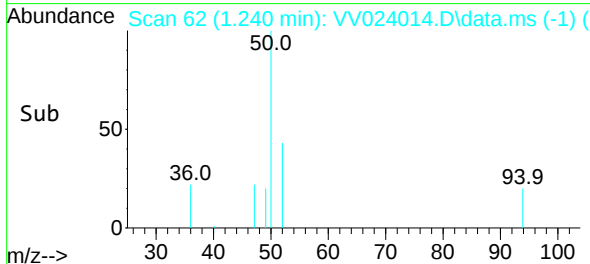
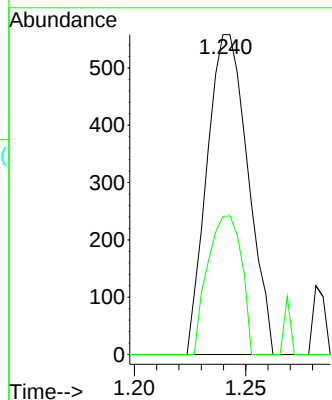
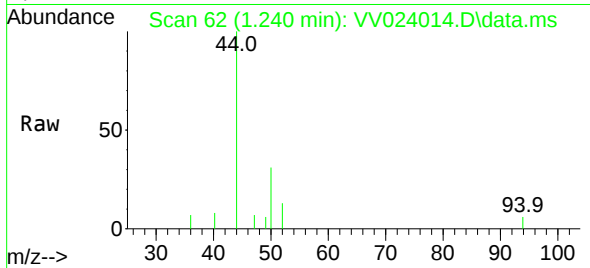




#3
Chloromethane
Concen: 0.099 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV024014.D
Acq: 16 Dec 2021 15:39

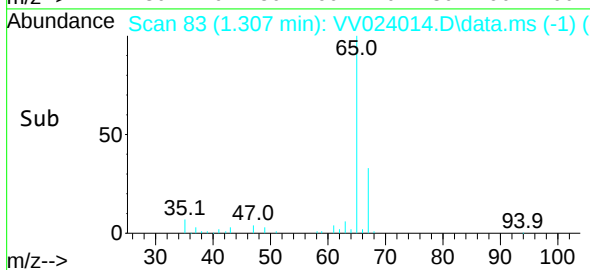
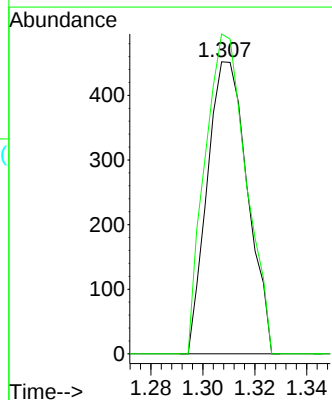
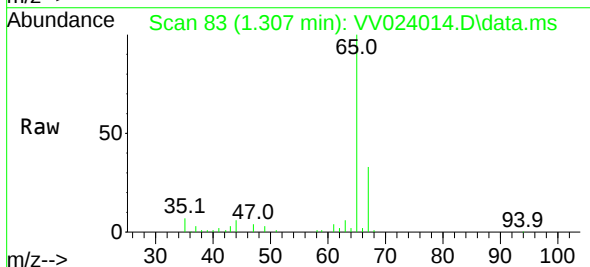
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ClientSampleId :

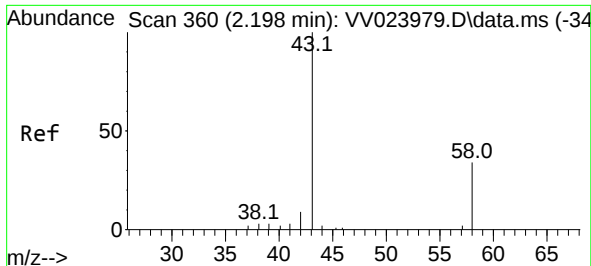
Tgt Ion: 50 Resp: 713
Ion Ratio Lower Upper
50 100
52 43.2 22.0 41.0#



#5
Vinyl chloride
Concen: 0.063 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV024014.D
Acq: 16 Dec 2021 15:39

Tgt Ion: 62 Resp: 487
Ion Ratio Lower Upper
62 100
64 109.5 22.4 41.6#





#13

Acetone

Concen: 12.229 ug/L

RT: 2.185 min Scan# 356

Delta R.T. -0.013 min

Lab File: VV024014.D

Acq: 16 Dec 2021 15:39

Instrument :

MSVOA_V

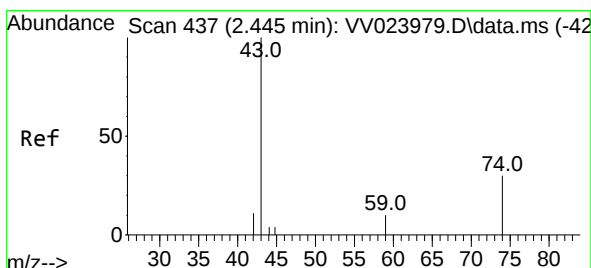
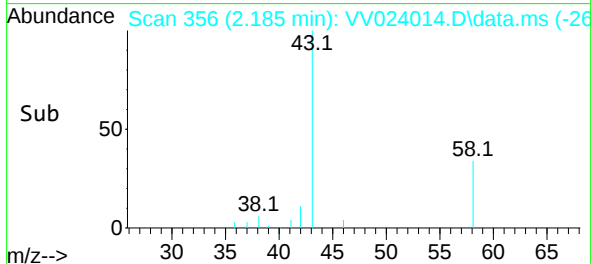
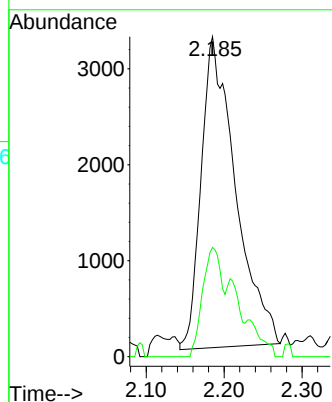
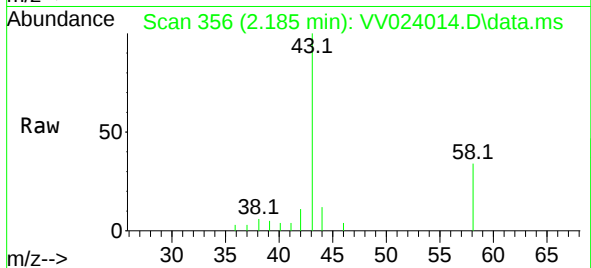
ClientSampleId :

Tgt Ion: 43 Resp: 9909

Ion Ratio Lower Upper

43 100

58 19.9 0.0 41.4



#15

Methyl Acetate

Concen: 4.901 ug/L

RT: 2.185 min Scan# 356

Delta R.T. -0.260 min

Lab File: VV024014.D

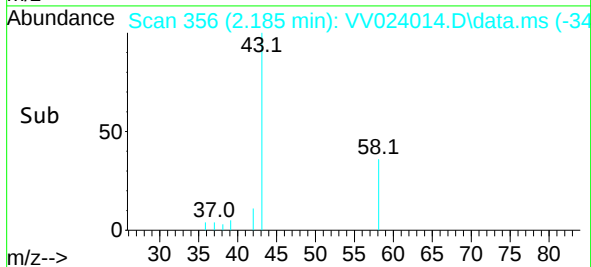
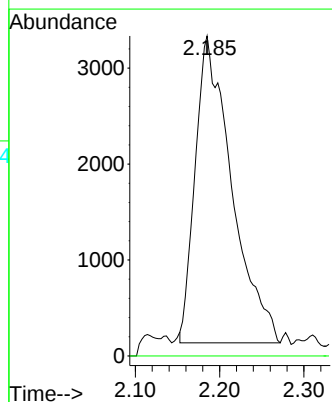
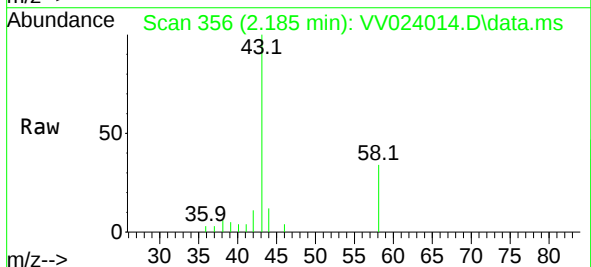
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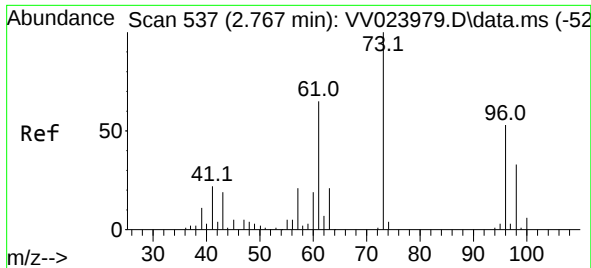
Tgt Ion: 43 Resp: 9626

Ion Ratio Lower Upper

43 100

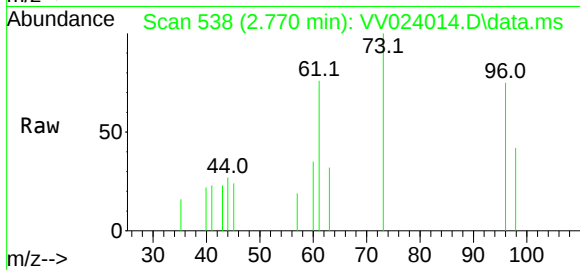
74 0.0 20.2 30.2#



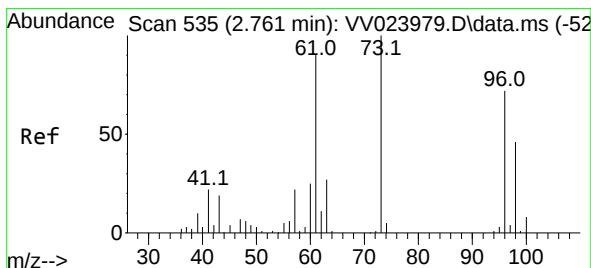
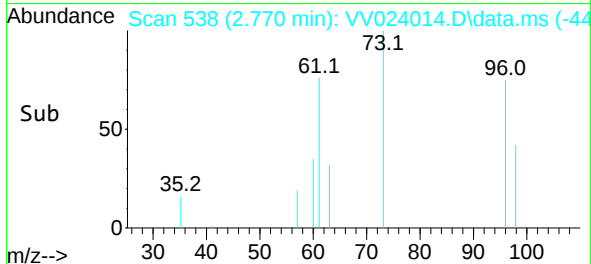
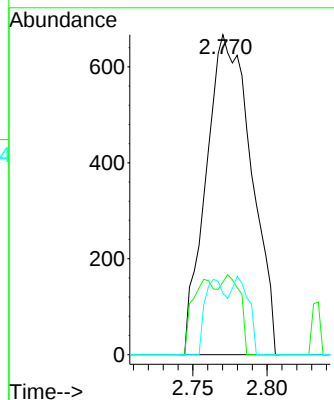


#17
Methyl tert-butyl Ether
Concen: 0.097 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024014.D
Acq: 16 Dec 2021 15:39

Instrument :
MSVOA_V
ClientSampleId :

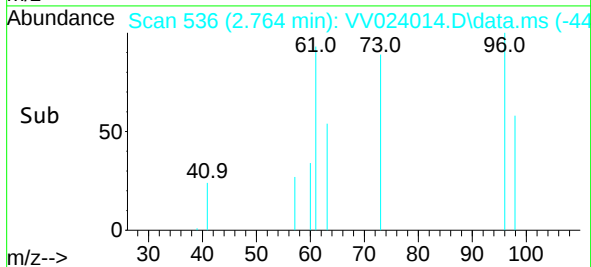
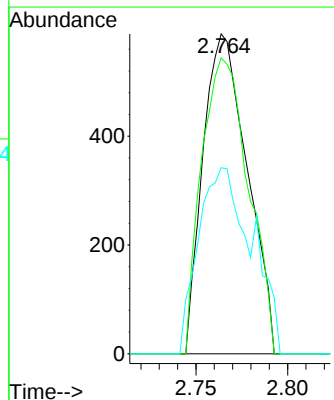
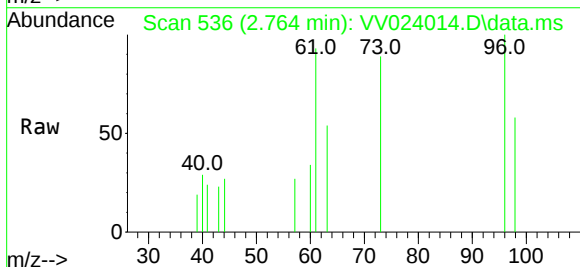


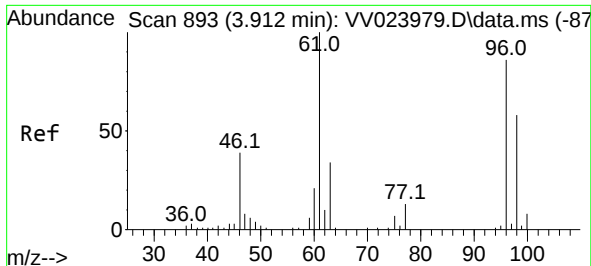
Tgt Ion: 73 Resp: 1415
Ion Ratio Lower Upper
73 100
43 10.1 15.5 23.3#
57 10.9 17.1 25.7#



#18
trans-1,2-Dichloroethene
Concen: 0.138 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV024014.D
Acq: 16 Dec 2021 15:39

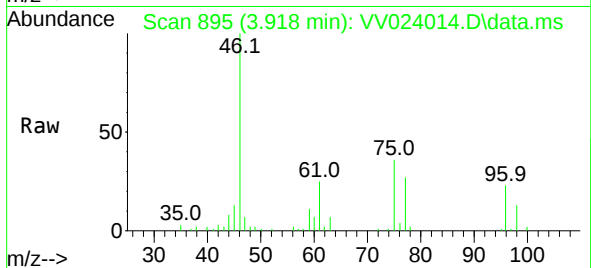
Tgt Ion: 96 Resp: 987
Ion Ratio Lower Upper
96 100
61 92.5 88.2 163.8
98 58.2 44.9 83.5



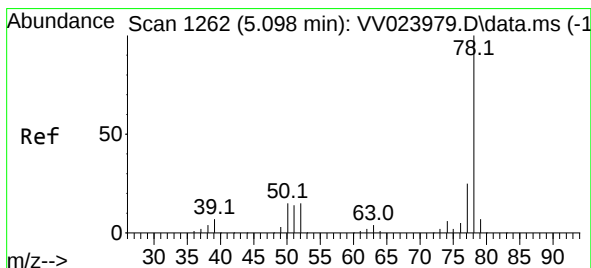
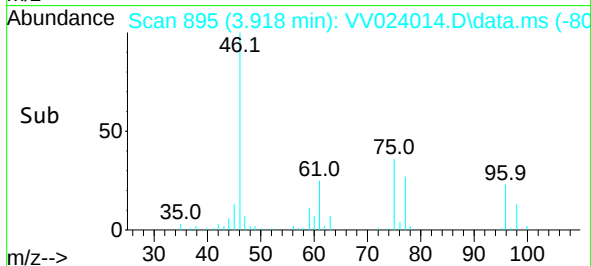
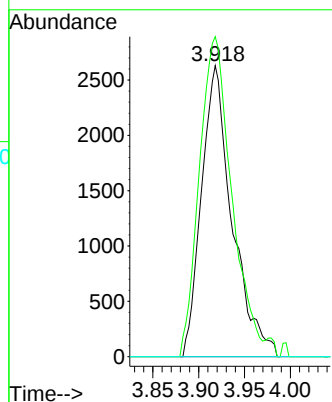


#22
 cis-1,2-Dichloroethene
 Concen: 0.804 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.006 min
 Lab File: VV024014.D
 Acq: 16 Dec 2021 15:39

Instrument :
 MSVOA_V
 ClientSampleId :

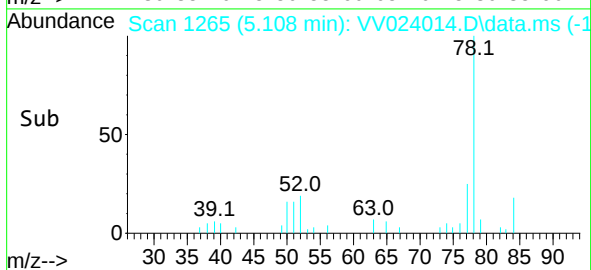
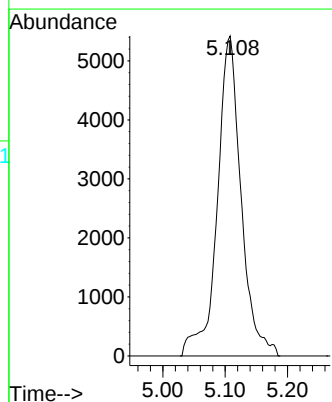
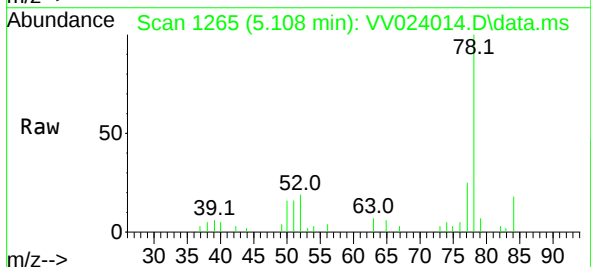


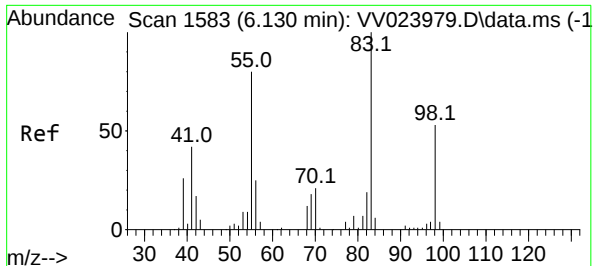
Tgt Ion: 96 Resp: 6098
 Ion Ratio Lower Upper
 96 100
 61 110.0 83.4 154.8
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.507 ug/L
 RT: 5.108 min Scan# 1265
 Delta R.T. 0.010 min
 Lab File: VV024014.D
 Acq: 16 Dec 2021 15:39

Tgt Ion: 78 Resp: 14362





#35

Methylcyclohexane

Concen: 0.647 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV024014.D

Acq: 16 Dec 2021 15:39

Instrument :

MSVOA_V

ClientSampleId :

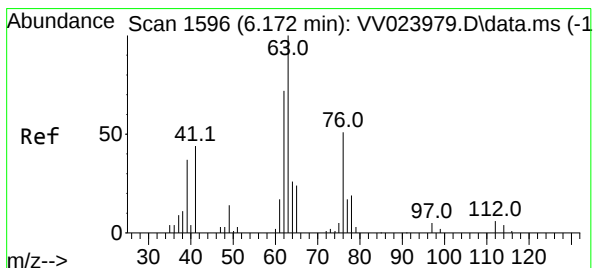
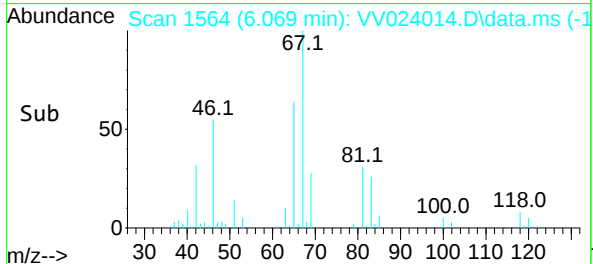
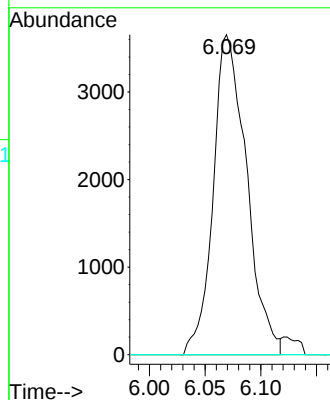
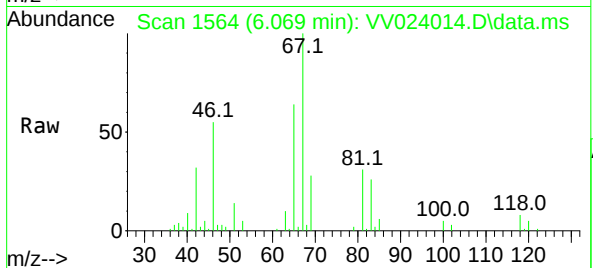
Tgt Ion: 83 Resp: 7615

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 7.3 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.500 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV024014.D

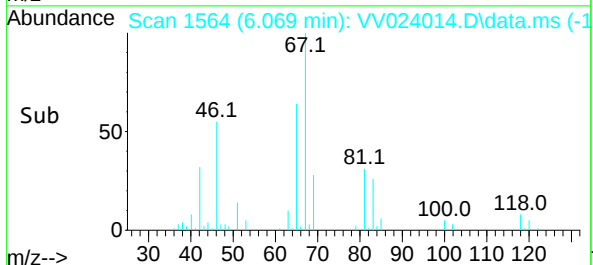
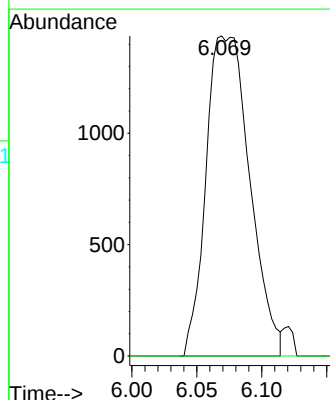
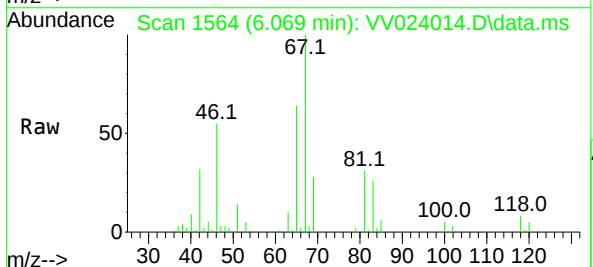
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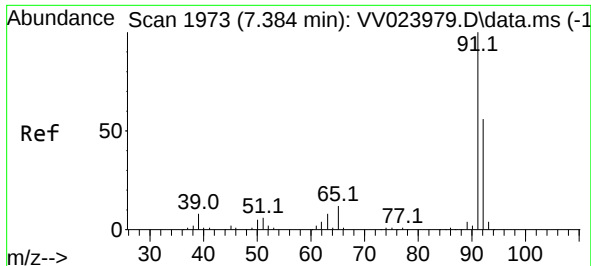
Tgt Ion: 63 Resp: 3369

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#

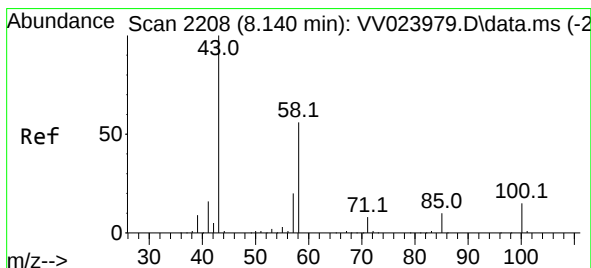
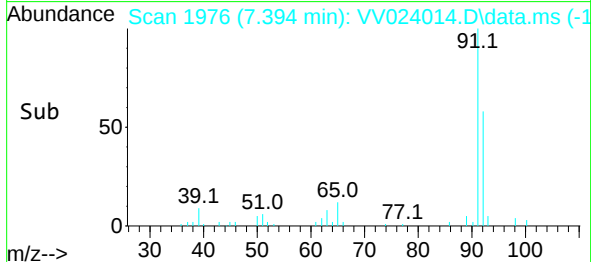
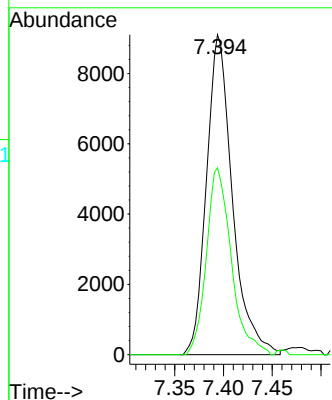
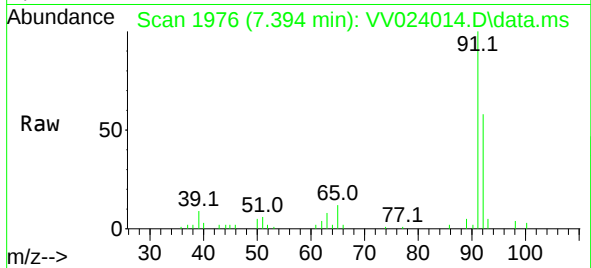




#42
Toluene
Concen: 0.528 ug/L
RT: 7.394 min Scan# 1973
Delta R.T. 0.010 min
Lab File: VV024014.D
Acq: 16 Dec 2021 15:39

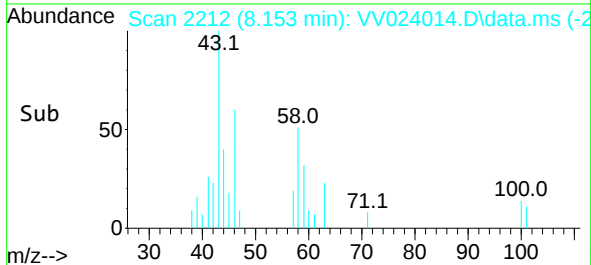
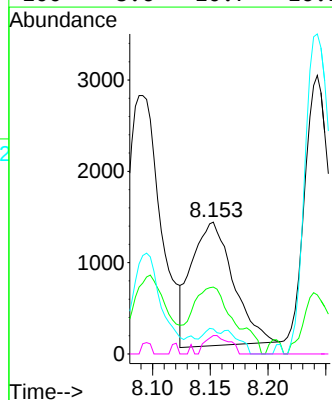
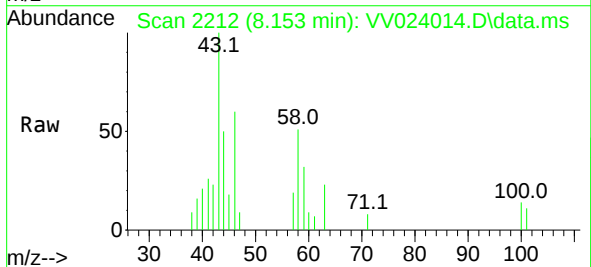
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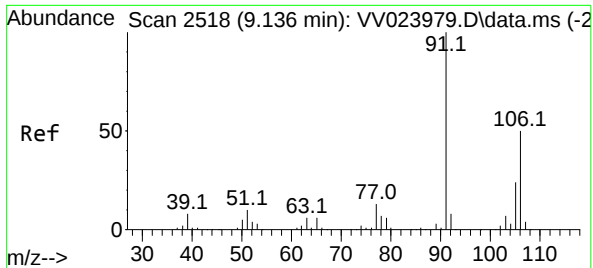
Tgt Ion: 91 Resp: 16839
Ion Ratio Lower Upper
91 100
92 58.4 41.5 77.1



#48
2-Hexanone
Concen: 1.448 ug/L
RT: 8.153 min Scan# 2212
Delta R.T. 0.013 min
Lab File: VV024014.D
Acq: 16 Dec 2021 15:39

Tgt Ion: 43 Resp: 3399
Ion Ratio Lower Upper
43 100
58 54.7 44.5 66.7
57 0.0 15.1 22.7#
100 8.6 10.7 16.1#

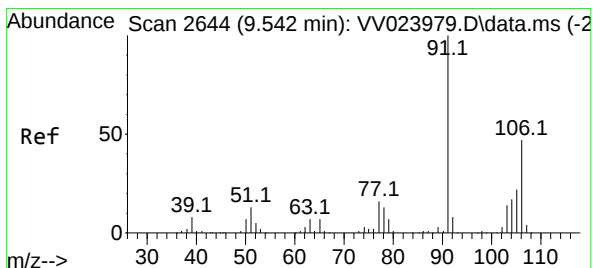
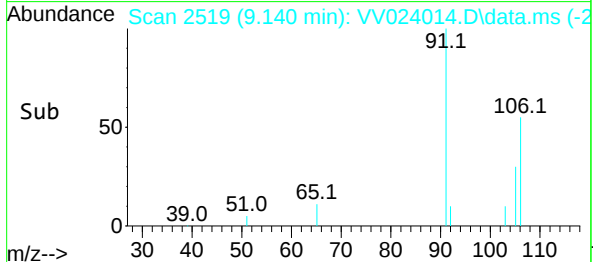
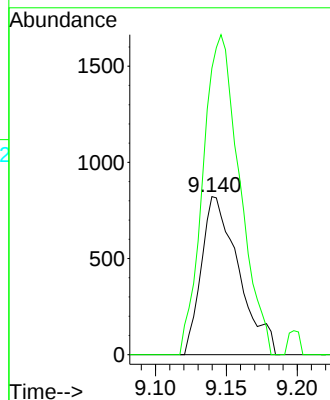
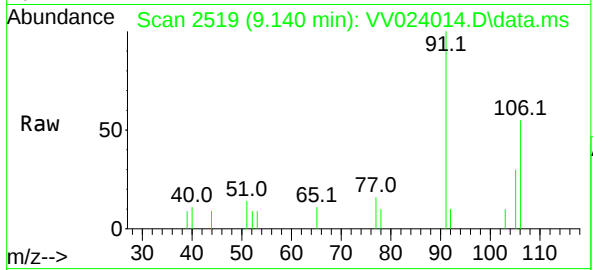




#53
m,p-xylene
Concen: 0.113 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024014.D
Acq: 16 Dec 2021 15:39

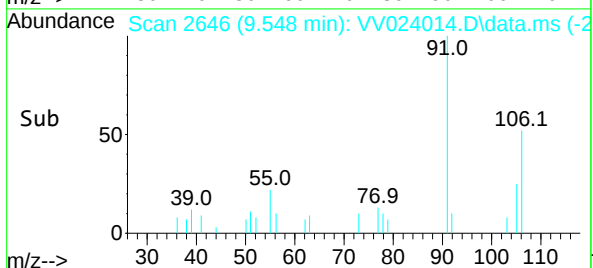
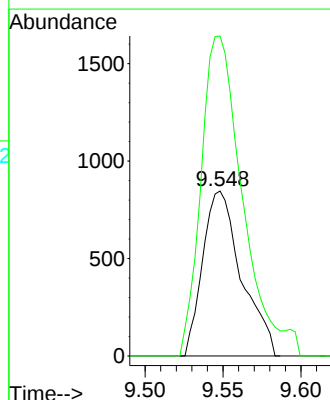
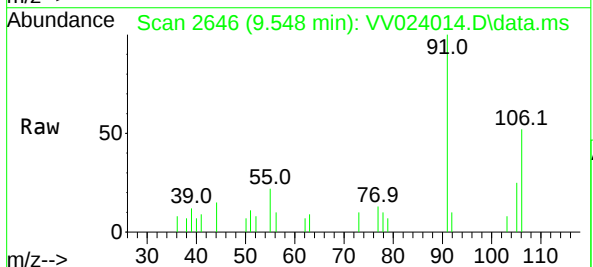
Instrument :
MSVOA_V
ClientSampleId :

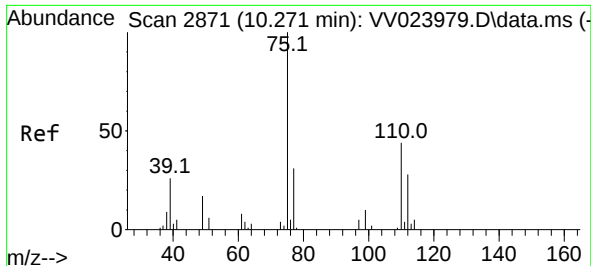
Tgt Ion:106 Resp: 1502
Ion Ratio Lower Upper
106 100
91 181.1 139.5 259.1



#54
o-xylene
Concen: 0.114 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV024014.D
Acq: 16 Dec 2021 15:39

Tgt Ion:106 Resp: 1463
Ion Ratio Lower Upper
106 100
91 193.9 147.9 274.7

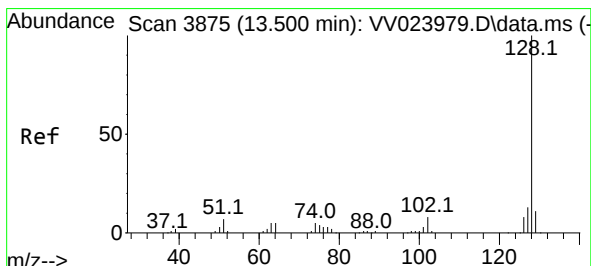
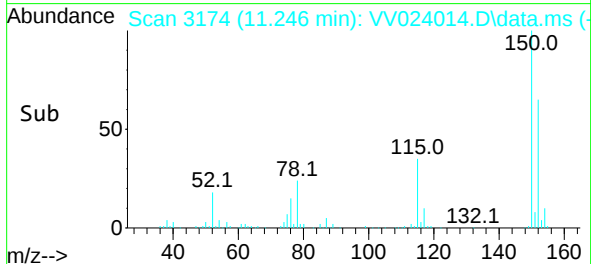
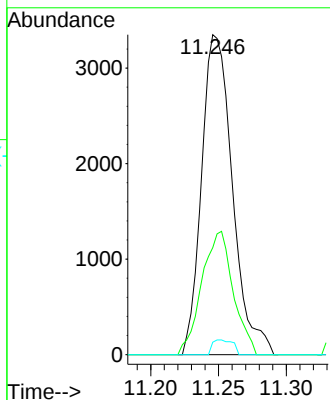
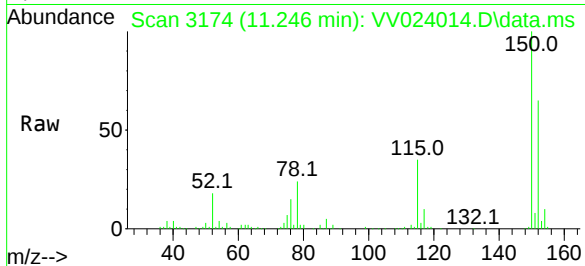




#61
1,2,3-Trichloropropane
Concen: 1.461 ug/L
RT: 11.246 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV024014.D
Acq: 16 Dec 2021 15:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 5307
Ion Ratio Lower Upper
75 100
77 39.2 26.4 39.6
110 3.0 34.2 51.2#



#71
Naphthalene
Concen: 0.117 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV024014.D
Acq: 16 Dec 2021 15:39

Tgt Ion: 128 Resp: 1737
Ion Ratio Lower Upper
128 100
129 2.5 9.0 13.4#
127 14.5 10.2 15.4

