

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021422\
 Data File : VW024649.D
 Acq On : 14 Feb 2022 14:30
 Operator : SY/MD
 Sample : N1476-10DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 15 06:27:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 15 06:26:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116281	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	118617	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	58943	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	48625	4.989	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.571	69	45321	5.500	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.000%
11) 1,1-Dichloroethene-d2	2.111	63	78039	3.660	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.896	46	97680	60.368	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.740%
24) Chloroform-d	4.349	84	91243	5.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	5.034	65	44857	5.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.200%
32) Benzene-d6	5.050	84	194887	5.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.800%
36) 1,2-Dichloropropane-d6	6.069	67	58301	5.570	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.400%
41) Toluene-d8	7.317	98	173470	5.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
43) trans-1,3-Dichloroprop...	7.625	79	20737	4.906	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.088	63	77393	51.966	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.940%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32912	5.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	54323	5.717	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.121	96	1286	0.107	ug/L #	1
16) Methylene chloride	2.510	84	2631	0.221	ug/L	87
17) Methyl tert-butyl Ether	2.770	73	2369	0.095	ug/L #	90
19) 1,1-Dichloroethane	3.198	63	1655	0.081	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	7264	0.609	ug/L	94
25) Chloroform	4.384	83	3364	0.157	ug/L	88
27) 1,2-Dichloroethane	5.053	62	969	0.083	ug/L #	73
34) Trichloroethene	5.915	95	77137	6.051	ug/L	87
35) Methylcyclohexane	6.069	83	13824	0.656	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	6407	0.571	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1648	0.096	ug/L #	66
45) 1,1,2-Trichloroethane	7.973	97	445	0.061	ug/L #	1
47) Tetrachloroethene	7.976	164	48136	5.692	ug/L	92
49) Dibromochloromethane	7.973	129	48768	5.554	ug/L #	11
53) m,p-xylene	9.146	106	743	0.035	ug/L	91
61) 1,2,3-Trichloropropane	11.246	75	8140	1.401	ug/L #	63

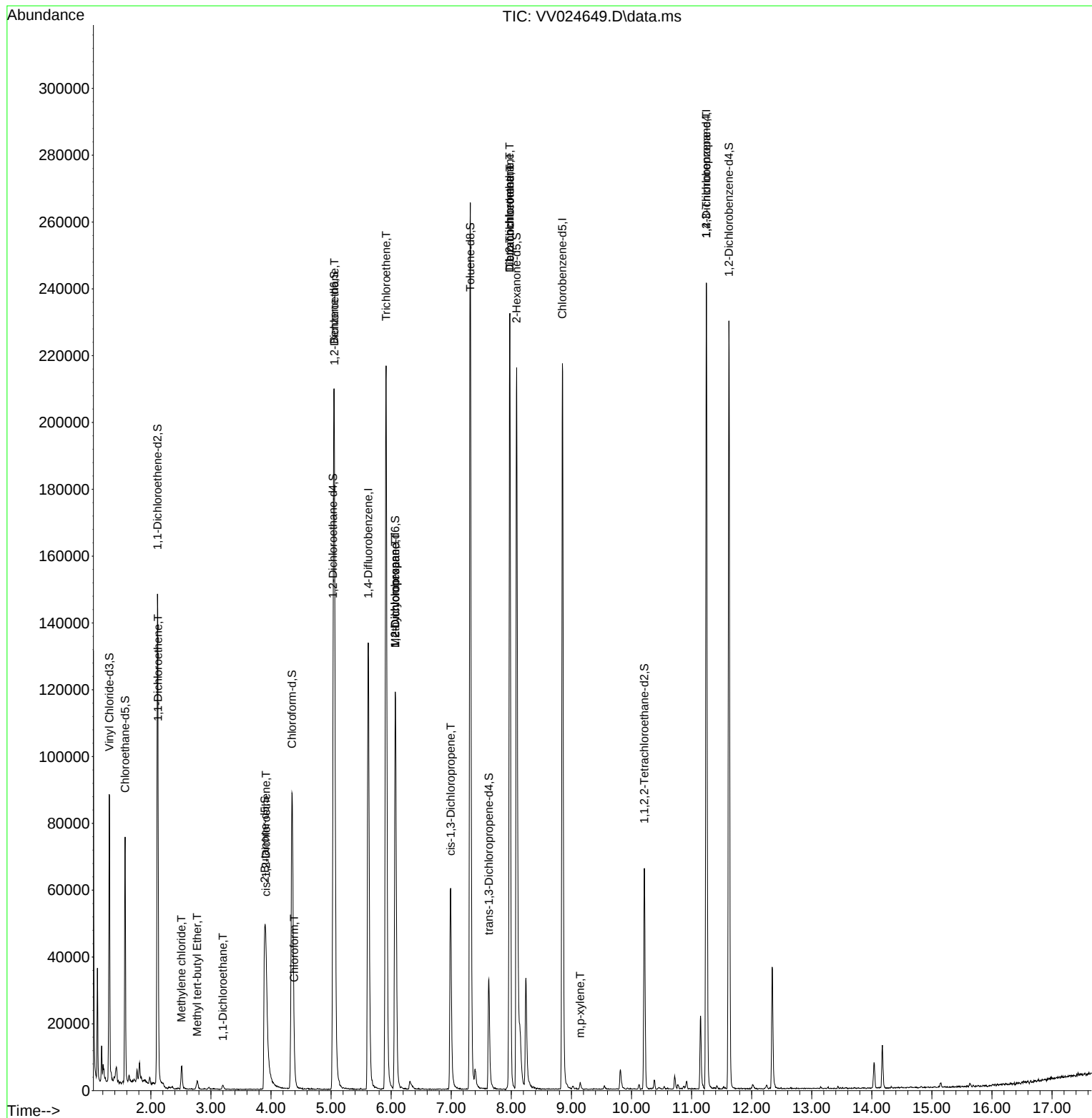
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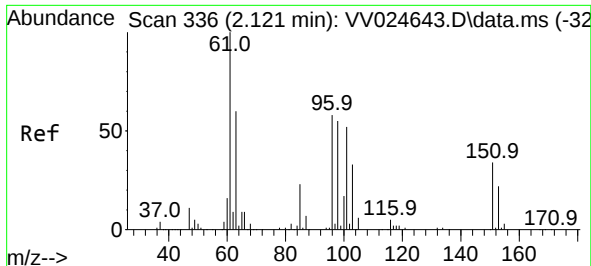
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021422\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 15 06:26:19 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.107 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV024649.D

Acq: 14 Feb 2022 14:30

Instrument :

MSVOA_V

ClientSampleId :

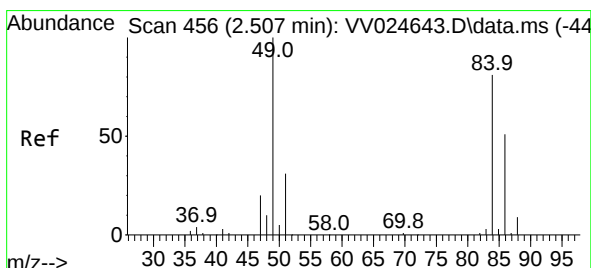
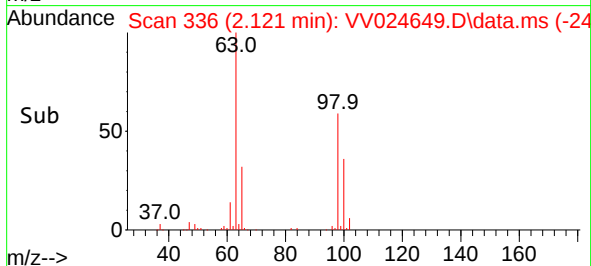
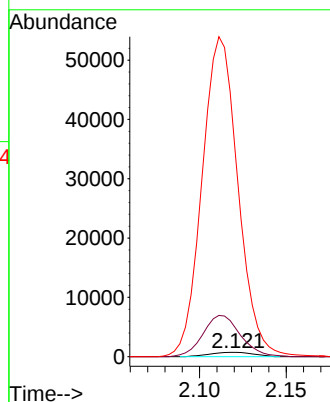
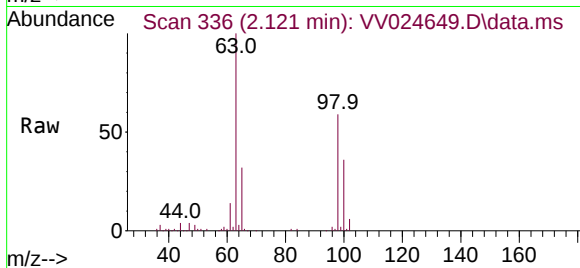
Tgt Ion: 96 Resp: 1286

Ion Ratio Lower Upper

96 100

61 663.9 116.1 215.5#

63 4662.1 79.4 147.4#



#16

Methylene chloride

Concen: 0.221 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV024649.D

Acq: 14 Feb 2022 14:30

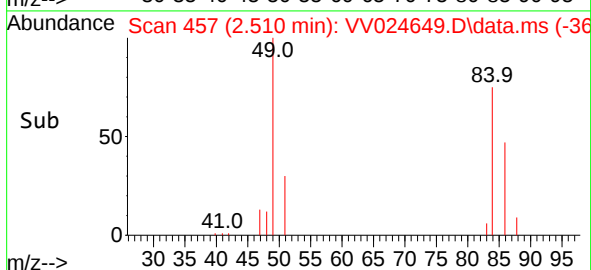
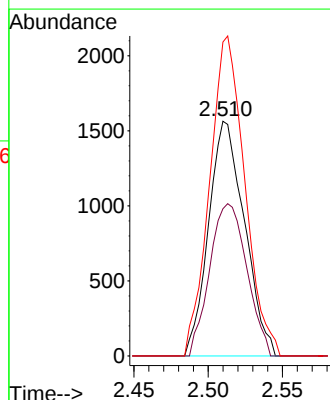
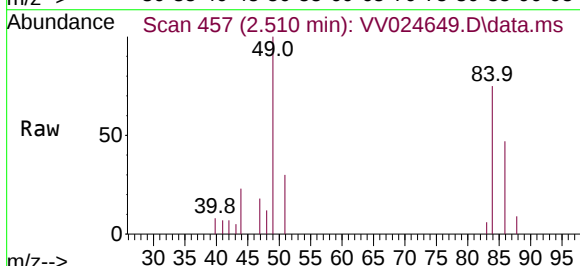
Tgt Ion: 84 Resp: 2631

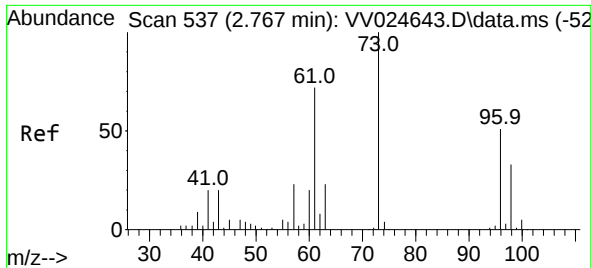
Ion Ratio Lower Upper

84 100

86 62.7 42.6 79.0

49 133.7 79.7 147.9

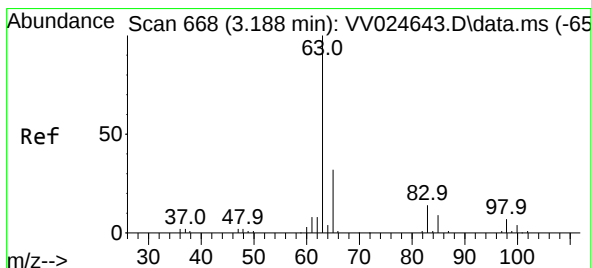
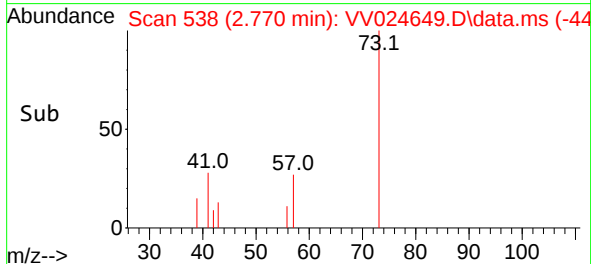
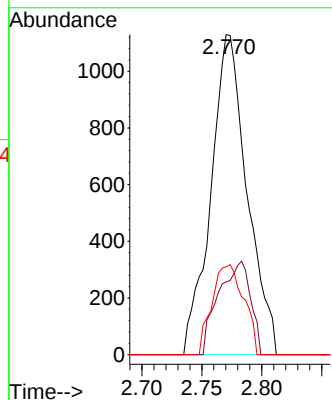
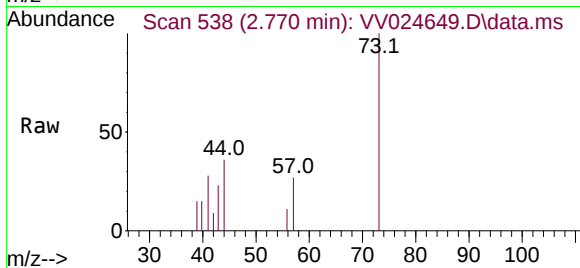




#17
Methyl tert-butyl Ether
Concen: 0.095 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024649.D
Acq: 14 Feb 2022 14:30

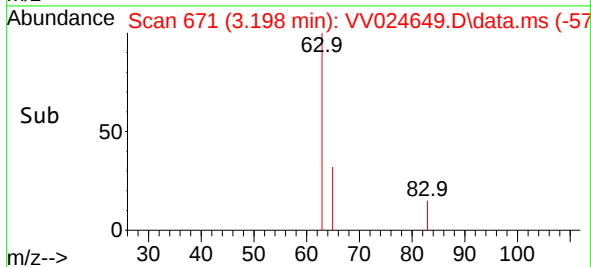
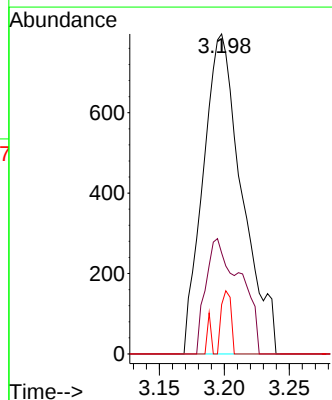
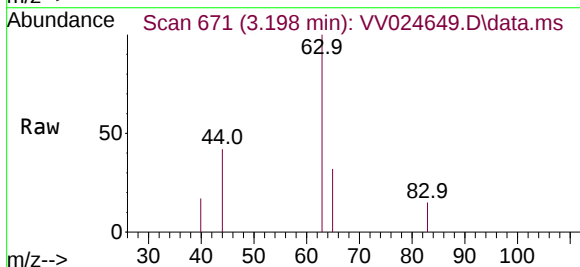
Instrument :
MSVOA_V
ClientSampleId :

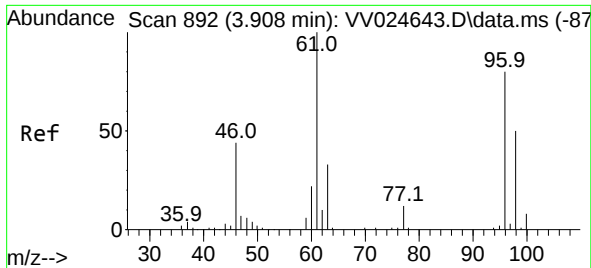
Tgt Ion: 73 Resp: 2369
Ion Ratio Lower Upper
73 100
43 25.7 15.5 23.3#
57 24.7 17.1 25.7



#19
1,1-Dichloroethane
Concen: 0.081 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.010 min
Lab File: VV024649.D
Acq: 14 Feb 2022 14:30

Tgt Ion: 63 Resp: 1655
Ion Ratio Lower Upper
63 100
65 31.5 22.3 41.3
83 15.5 10.7 19.9





#22

cis-1,2-Dichloroethene

Concen: 0.609 ug/L

RT: 3.915 min Scan# 89

Delta R.T. 0.006 min

Lab File: VV024649.D

Acq: 14 Feb 2022 14:30

Instrument :

MSVOA_V

ClientSampleId :

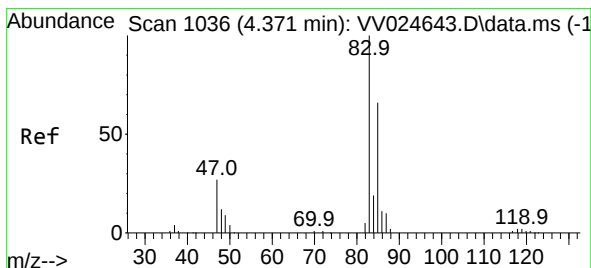
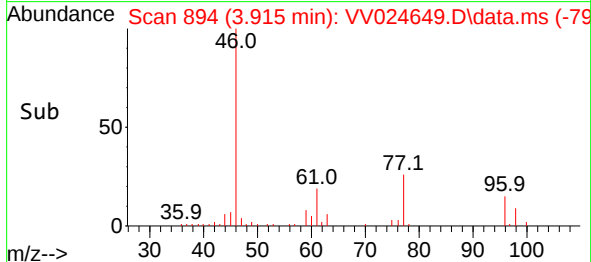
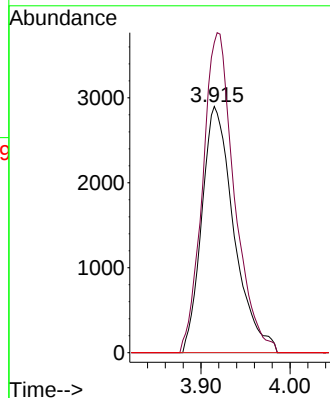
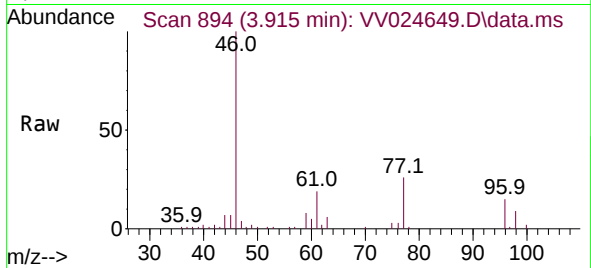
Tgt Ion: 96 Resp: 7264

Ion Ratio Lower Upper

96 100

61 126.0 83.4 154.8

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.157 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. 0.013 min

Lab File: VV024649.D

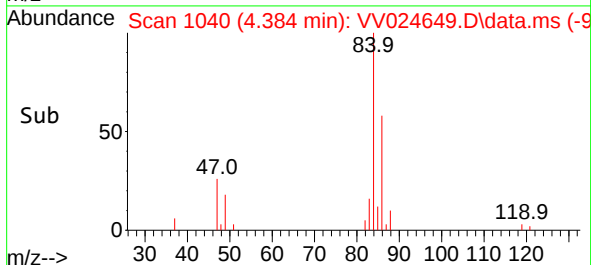
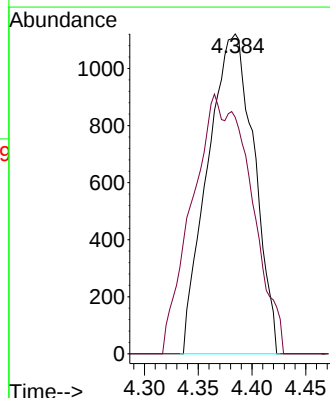
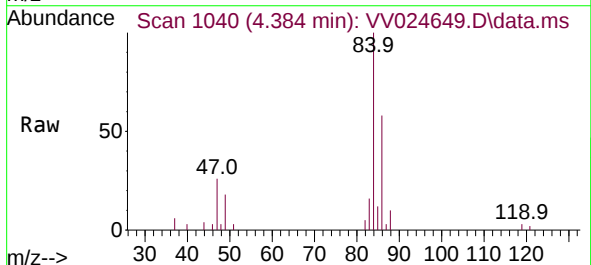
Acq: 14 Feb 2022 14:30

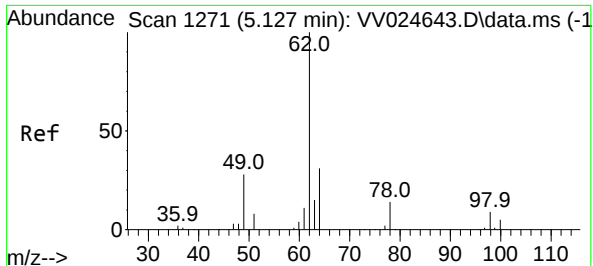
Tgt Ion: 83 Resp: 3364

Ion Ratio Lower Upper

83 100

85 74.0 45.2 84.0





#27

1,2-Dichloroethane

Concen: 0.083 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV024649.D

Acq: 14 Feb 2022 14:30

Instrument :

MSVOA_V

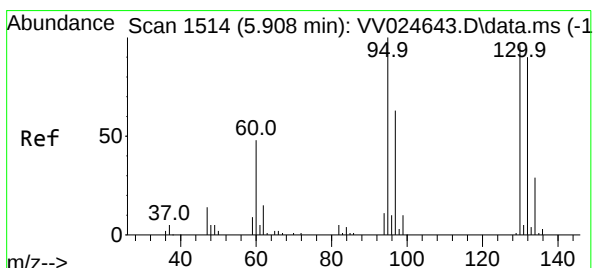
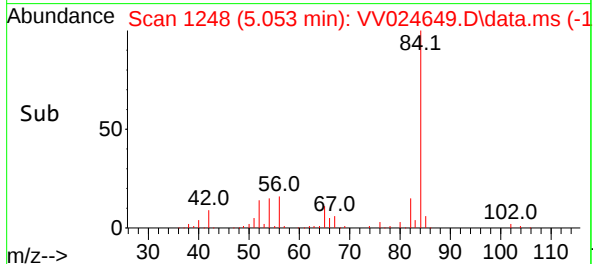
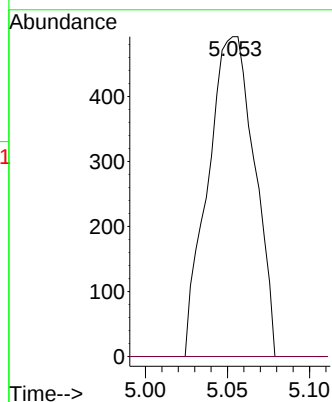
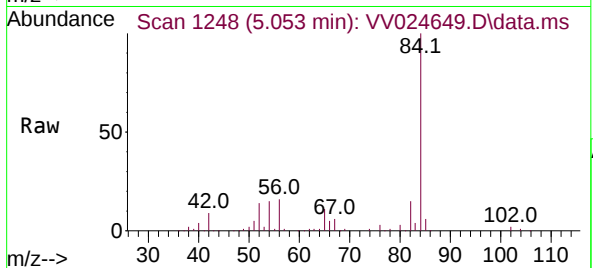
ClientSampleId :

Tgt Ion: 62 Resp: 969

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#34

Trichloroethene

Concen: 6.051 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VV024649.D

Acq: 14 Feb 2022 14:30

Tgt Ion: 95 Resp: 77137

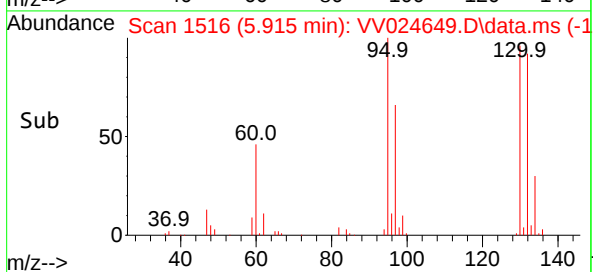
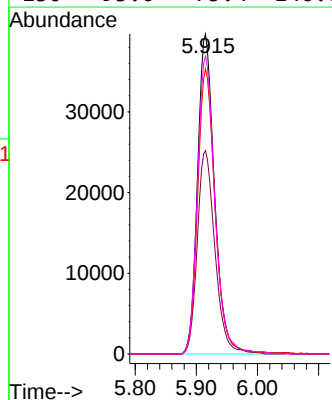
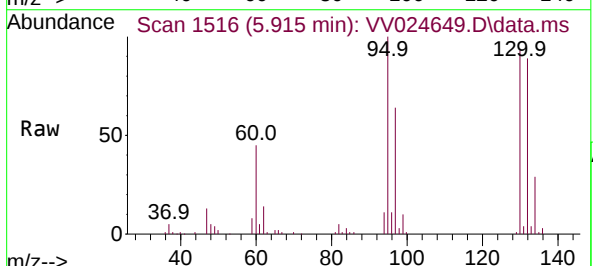
Ion Ratio Lower Upper

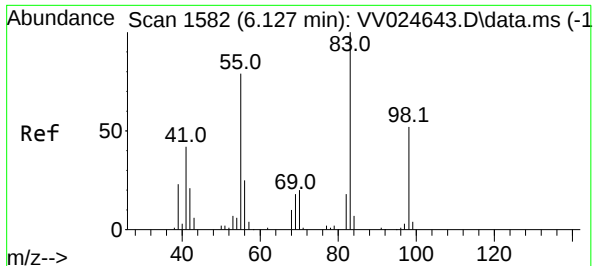
95 100

97 63.5 45.2 84.0

132 89.1 76.1 141.3

130 93.0 75.4 140.0

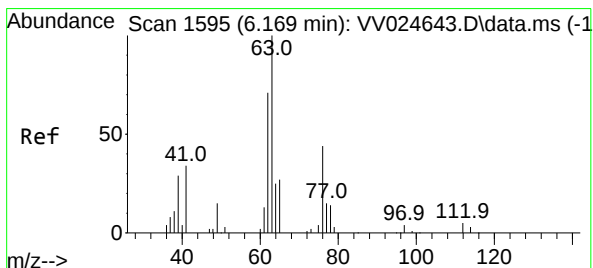
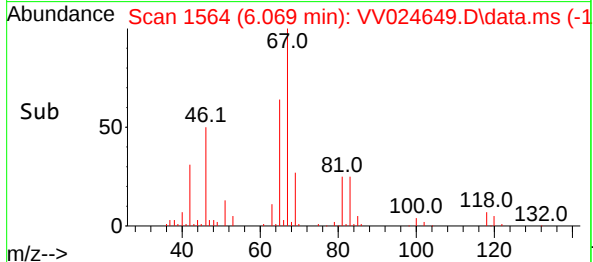
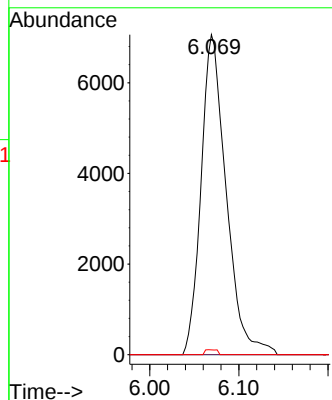
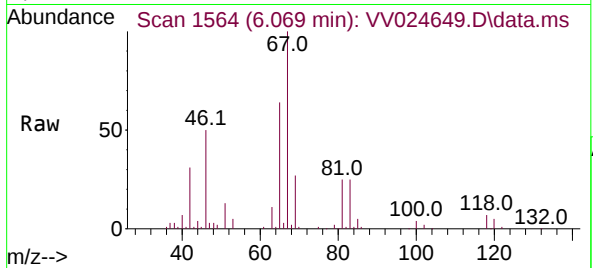




#35
Methylcyclohexane
Concen: 0.656 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024649.D
Acq: 14 Feb 2022 14:30

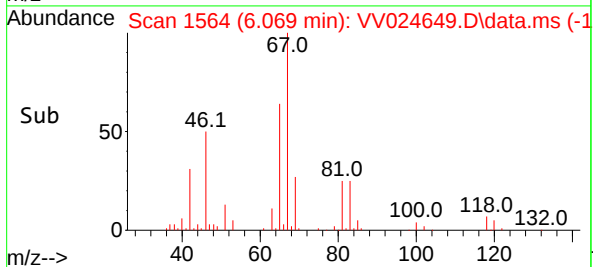
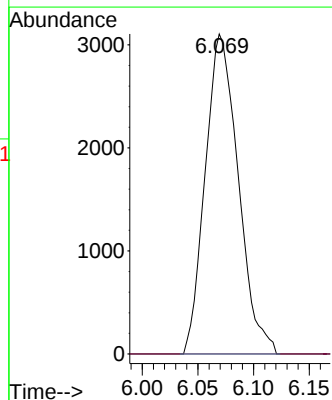
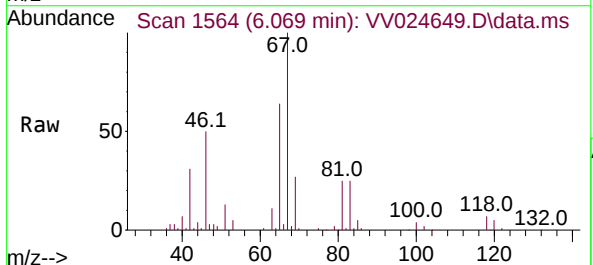
Instrument :
MSVOA_V
ClientSampleId :

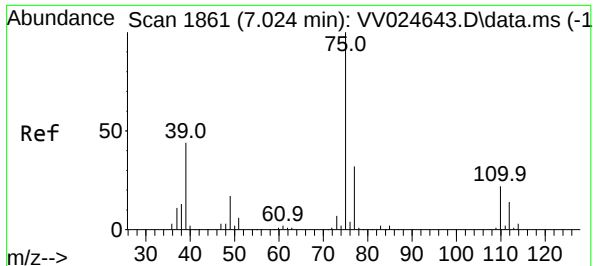
Tgt Ion: 83 Resp: 13824
Ion Ratio Lower Upper
83 100
55 0.7 60.2 90.2#
98 0.7 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV024649.D
Acq: 14 Feb 2022 14:30

Tgt Ion: 63 Resp: 6407
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV024649.D

Acq: 14 Feb 2022 14:30

Instrument :

MSVOA_V

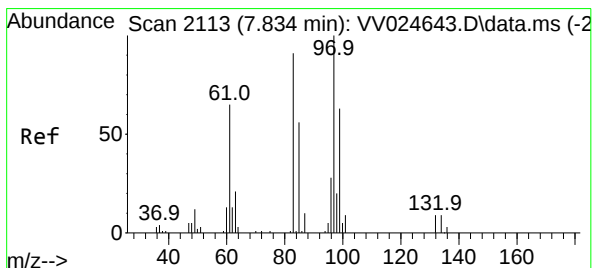
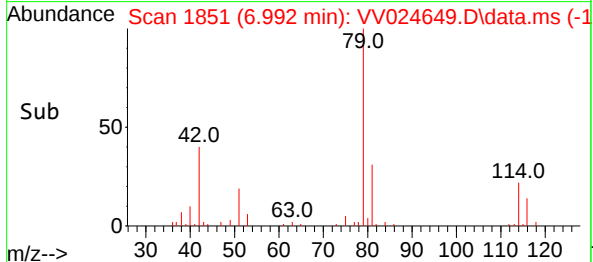
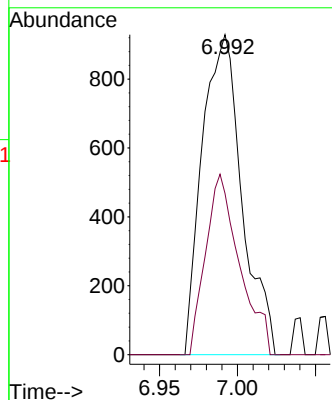
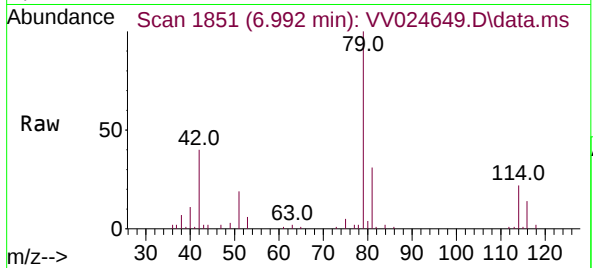
ClientSampleId :

Tgt Ion: 75 Resp: 1648

Ion Ratio Lower Upper

75 100

77 50.4 22.0 41.0#



#45

1,1,2-Trichloroethane

Concen: 0.061 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.138 min

Lab File: VV024649.D

Acq: 14 Feb 2022 14:30

Tgt Ion: 97 Resp: 445

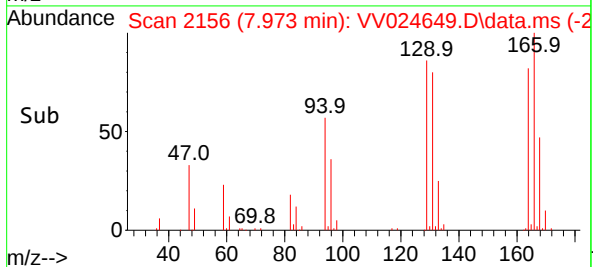
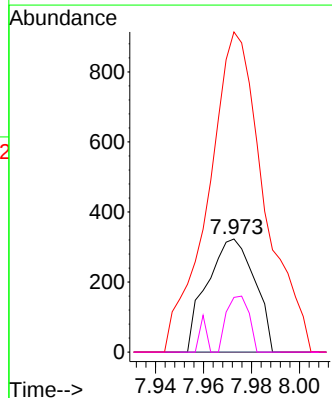
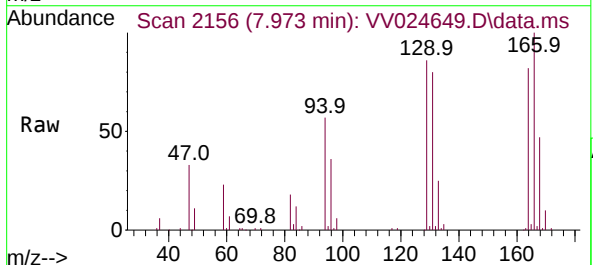
Ion Ratio Lower Upper

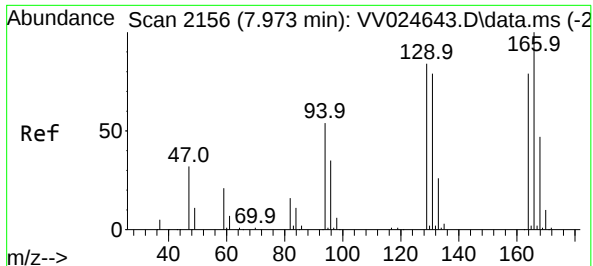
97 100

99 0.0 43.1 80.1#

83 283.0 57.9 107.5#

85 48.3 38.0 70.6





#47

Tetrachloroethene

Concen: 5.692 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV024649.D

Acq: 14 Feb 2022 14:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 48136

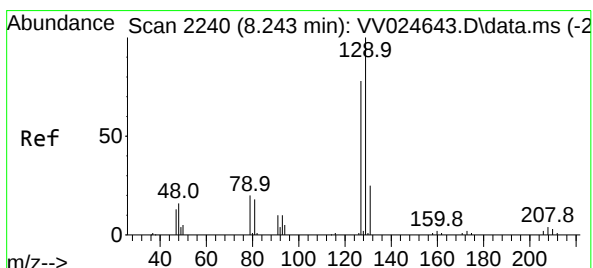
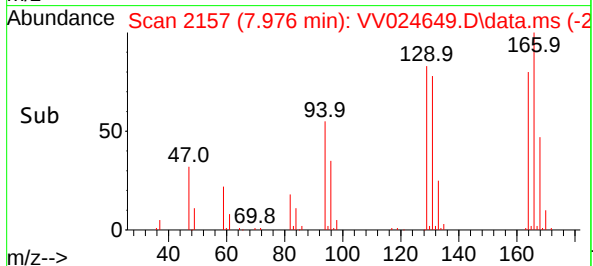
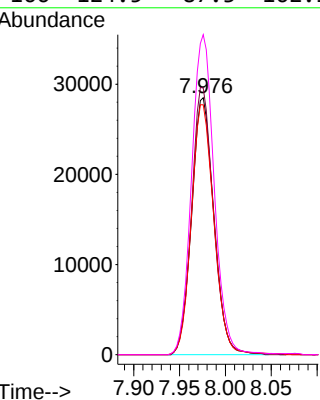
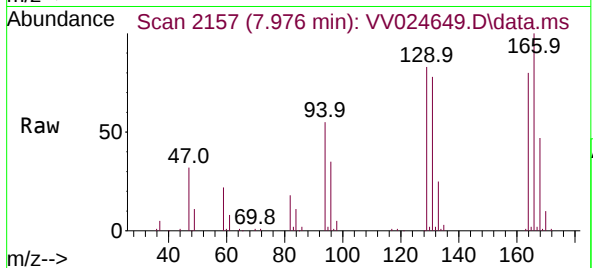
Ion Ratio Lower Upper

164 100

129 103.8 62.6 116.2

131 97.3 61.0 113.4

166 124.5 87.3 162.1



#49

Dibromochloromethane

Concen: 5.554 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV024649.D

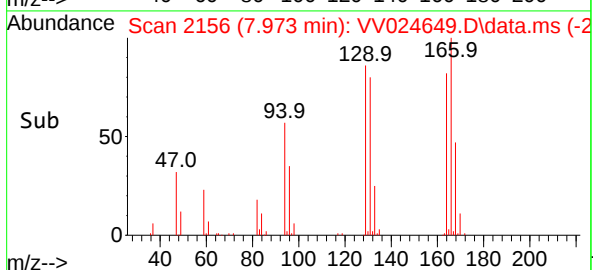
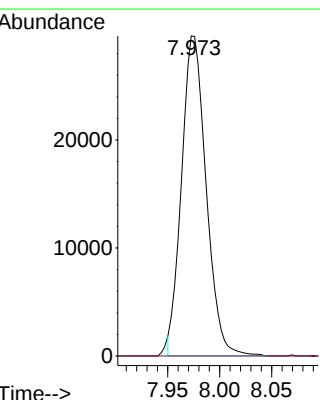
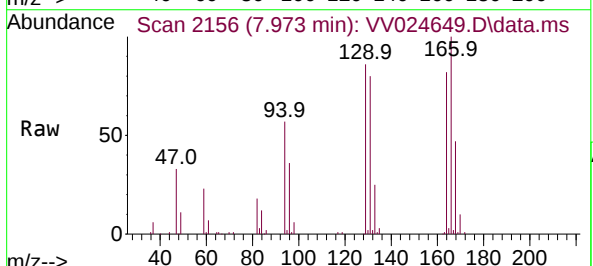
Acq: 14 Feb 2022 14:30

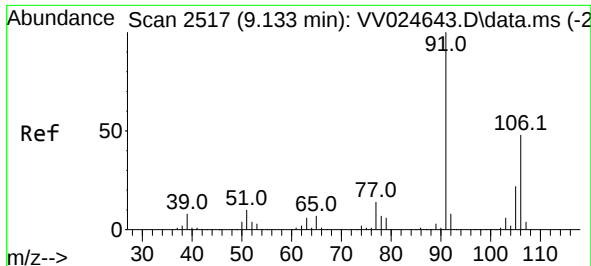
Tgt Ion:129 Resp: 48768

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#

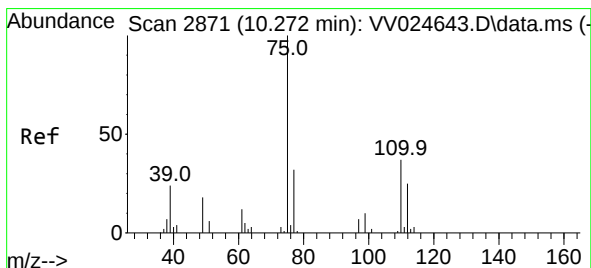
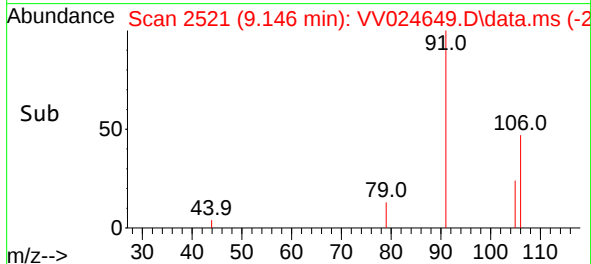
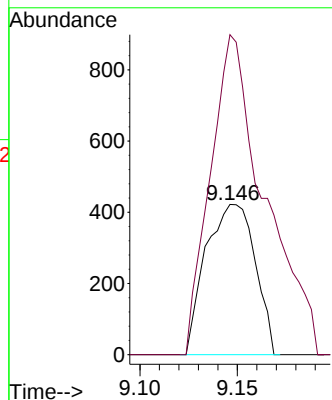
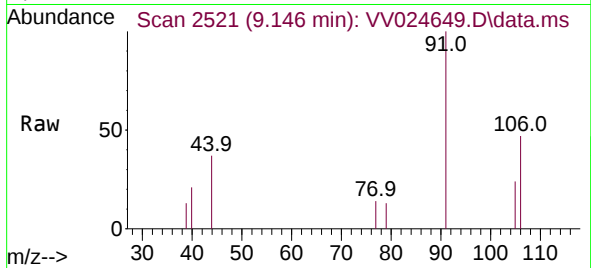




#53
m,p-xylene
Concen: 0.035 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV024649.D
Acq: 14 Feb 2022 14:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 743
Ion Ratio Lower Upper
106 100
91 213.0 139.5 259.1



#61
1,2,3-Trichloropropane
Concen: 1.401 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV024649.D
Acq: 14 Feb 2022 14:30

Tgt Ion: 75 Resp: 8140
Ion Ratio Lower Upper
75 100
77 32.3 26.4 39.6
110 1.2 34.2 51.2#

