

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021422\
 Data File : VW024647.D
 Acq On : 14 Feb 2022 13:43
 Operator : SY/MD
 Sample : N1476-08DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 15 06:27:28 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)

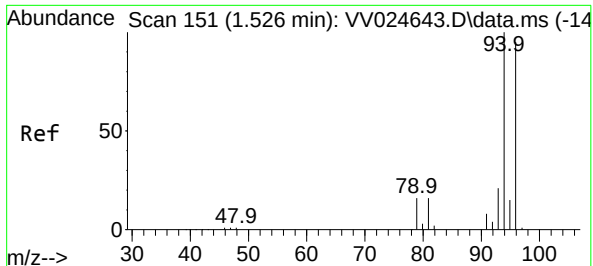
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122925	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124241	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62095	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	49241	4.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.571	69	47908	5.500	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.000%
11) 1,1-Dichloroethene-d2	2.108	63	81259	3.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	3.902	46	101033	59.065	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.120%
24) Chloroform-d	4.349	84	95571	5.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.034	65	46533	5.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.000%
32) Benzene-d6	5.050	84	201879	5.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.600%
36) 1,2-Dichloropropane-d6	6.069	67	59258	5.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.000%
41) Toluene-d8	7.317	98	181768	5.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
43) trans-1,3-Dichloroprop...	7.622	79	21114	4.769	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.092	63	84525	54.186	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.380%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35104	5.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	57525	5.747	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.000%
Target Compounds						Qvalue
6) Bromomethane	1.526	94	445	0.042	ug/L	79
12) 1,1-Dichloroethene	2.118	96	1522	0.120	ug/L #	1
17) Methyl tert-butyl Ether	2.777	73	1931	0.074	ug/L #	65
19) 1,1-Dichloroethane	3.192	63	1753	0.081	ug/L	90
22) cis-1,2-Dichloroethene	3.915	96	7926	0.629	ug/L	87
25) Chloroform	4.384	83	3820	0.169	ug/L	90
29) 1,1,1-Trichloroethane	4.619	97	485	0.024	ug/L #	46
34) Trichloroethene	5.915	95	80556	6.033	ug/L	89
35) Methylcyclohexane	6.069	83	14555	0.659	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	6527	0.555	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	1598	0.089	ug/L #	70
45) 1,1,2-Trichloroethane	7.973	97	510	0.067	ug/L #	5
47) Tetrachloroethene	7.976	164	49648	5.605	ug/L	91
49) Dibromochloromethane	7.973	129	50189	5.457	ug/L #	11
53) m,p-xylene	9.149	106	826	0.037	ug/L	91
61) 1,2,3-Trichloropropane	11.246	75	8967	1.465	ug/L #	63

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

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 15 06:27:28 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

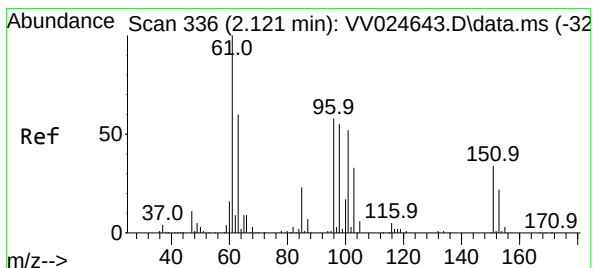
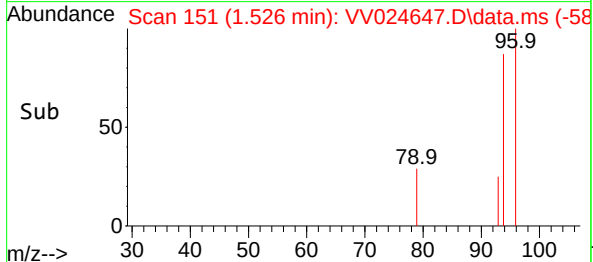
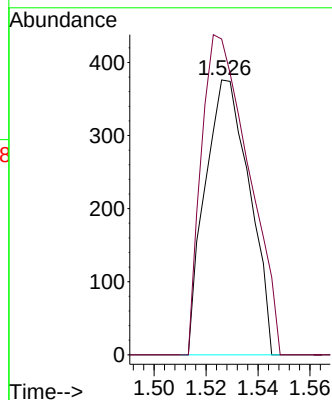
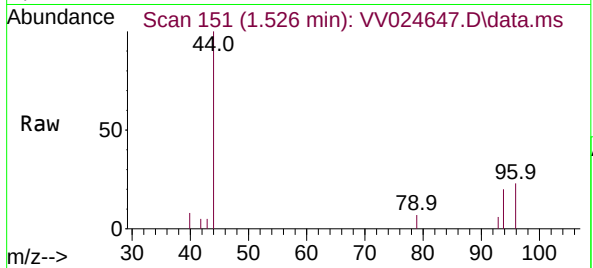




#6
Bromomethane
Concen: 0.042 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024647.D
Acq: 14 Feb 2022 13:43

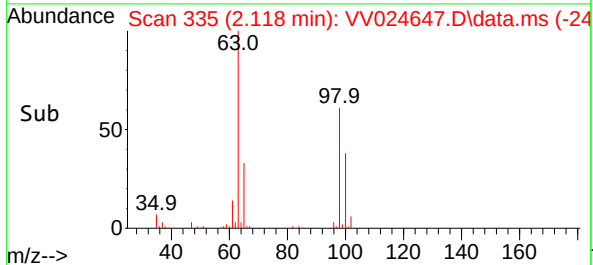
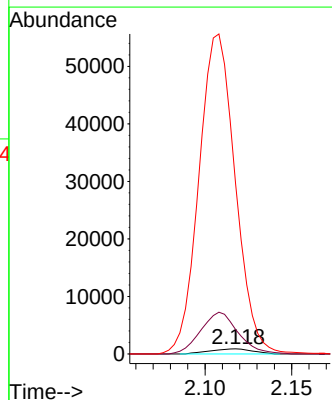
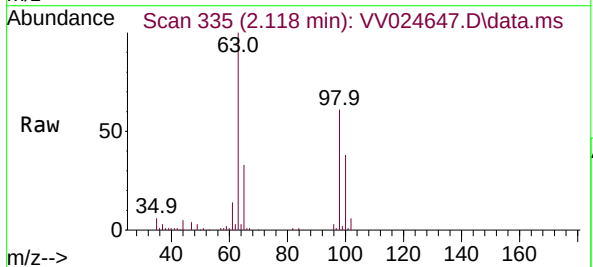
Instrument :
MSVOA_V
ClientSampleId :

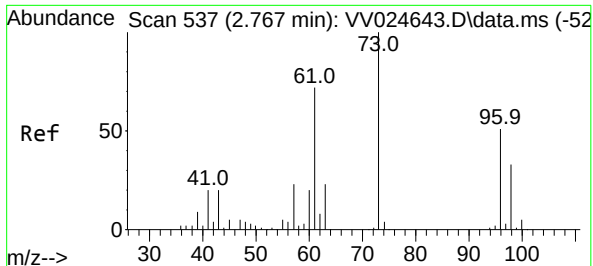
Tgt Ion: 94 Resp: 445
Ion Ratio Lower Upper
94 100
96 114.9 66.2 123.0



#12
1,1-Dichloroethene
Concen: 0.120 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV024647.D
Acq: 14 Feb 2022 13:43

Tgt Ion: 96 Resp: 1522
Ion Ratio Lower Upper
96 100
61 475.5 116.1 215.5#
63 3311.7 79.4 147.4#





#17

Methyl tert-butyl Ether

Concen: 0.074 ug/L

RT: 2.777 min Scan# 54

Delta R.T. 0.010 min

Lab File: VV024647.D

Acq: 14 Feb 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

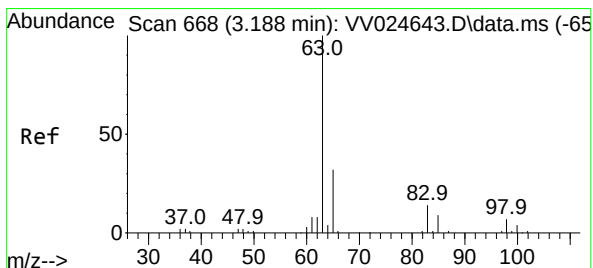
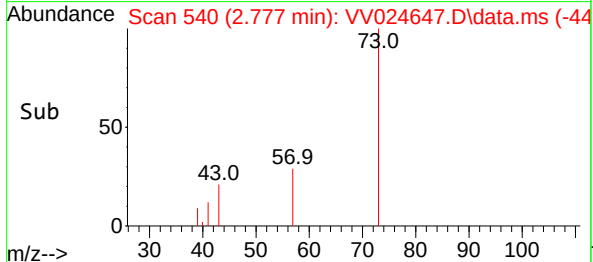
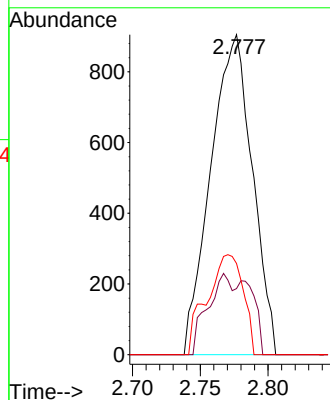
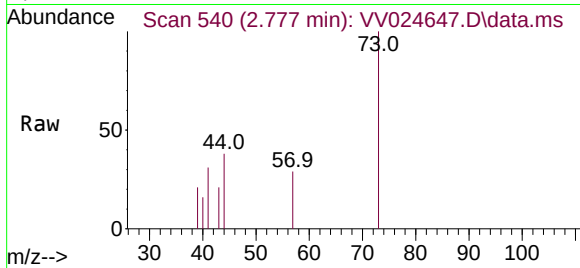
Tgt Ion: 73 Resp: 1931

Ion Ratio Lower Upper

73 100

43 9.0 15.5 23.3#

57 0.0 17.1 25.7#



#19

1,1-Dichloroethane

Concen: 0.081 ug/L

RT: 3.192 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV024647.D

Acq: 14 Feb 2022 13:43

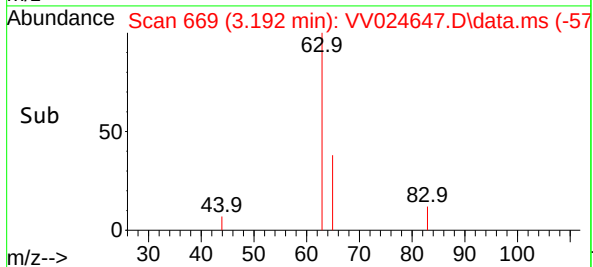
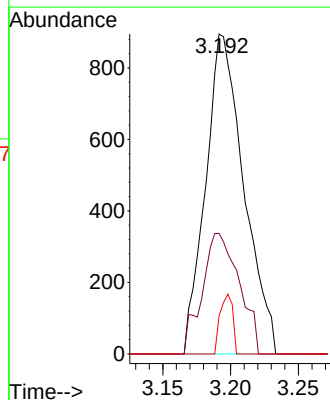
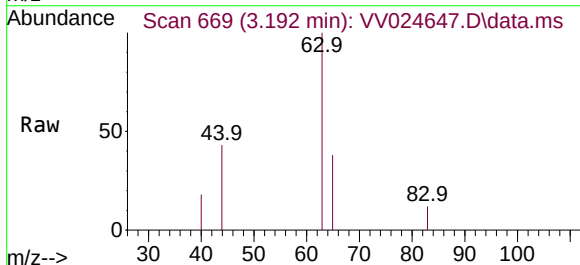
Tgt Ion: 63 Resp: 1753

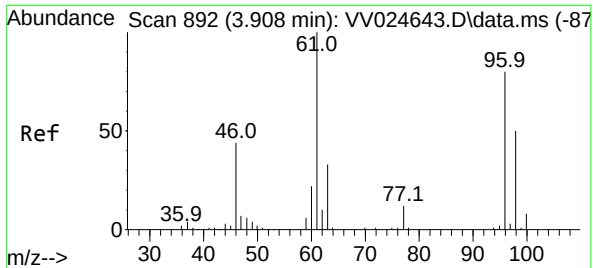
Ion Ratio Lower Upper

63 100

65 37.7 22.3 41.3

83 12.0 10.7 19.9





#22

cis-1,2-Dichloroethene

Concen: 0.629 ug/L

RT: 3.915 min Scan# 89

Delta R.T. 0.006 min

Lab File: VV024647.D

Acq: 14 Feb 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

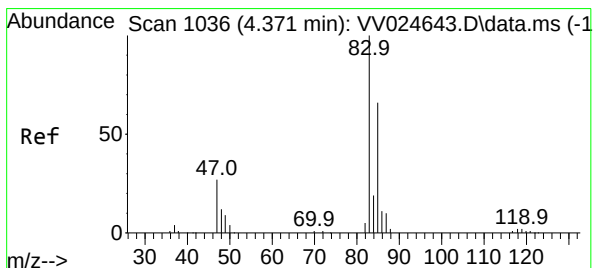
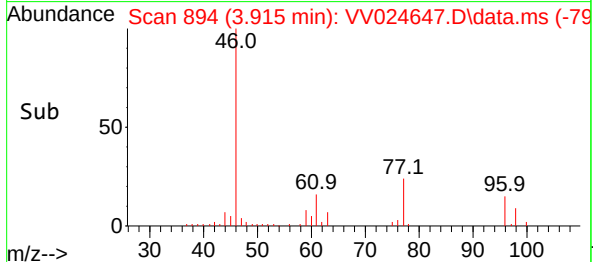
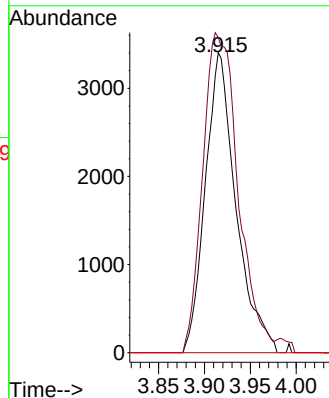
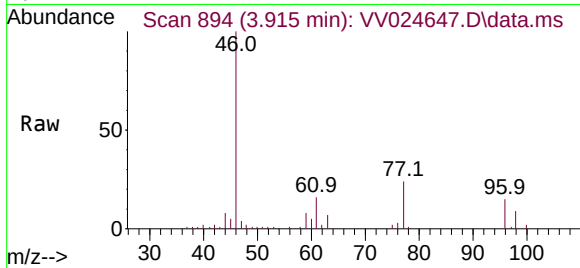
Tgt Ion: 96 Resp: 7926

Ion Ratio Lower Upper

96 100

61 105.0 83.4 154.8

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.169 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. 0.013 min

Lab File: VV024647.D

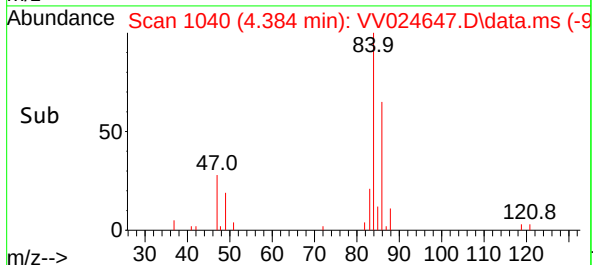
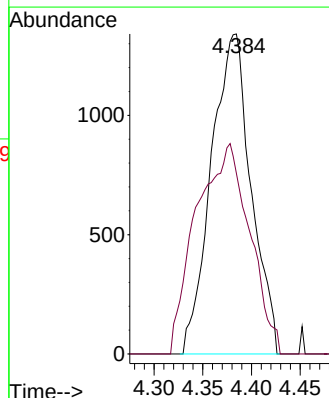
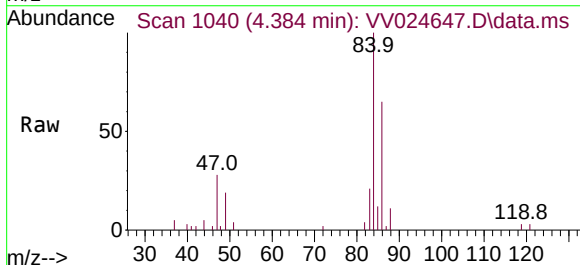
Acq: 14 Feb 2022 13:43

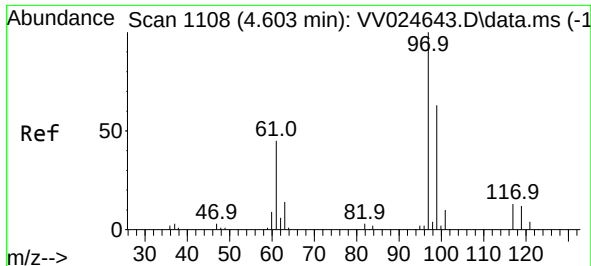
Tgt Ion: 83 Resp: 3820

Ion Ratio Lower Upper

83 100

85 56.5 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 0.024 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.016 min

Lab File: VV024647.D

Acq: 14 Feb 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

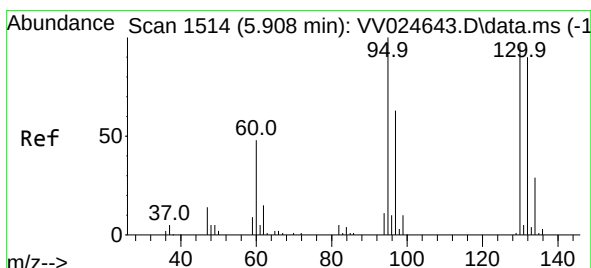
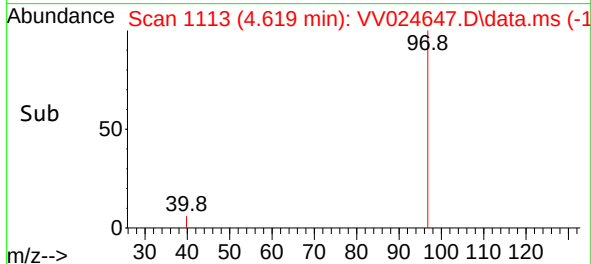
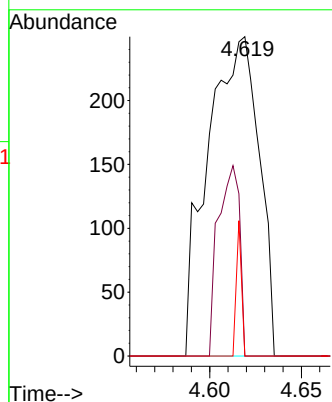
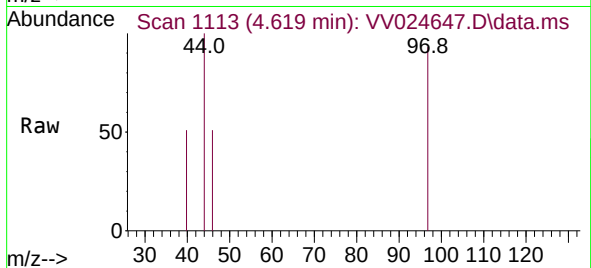
Tgt Ion: 97 Resp: 485

Ion Ratio Lower Upper

97 100

99 24.9 51.9 77.9#

61 4.1 33.2 49.8#



#34

Trichloroethene

Concen: 6.033 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VV024647.D

Acq: 14 Feb 2022 13:43

Tgt Ion: 95 Resp: 80556

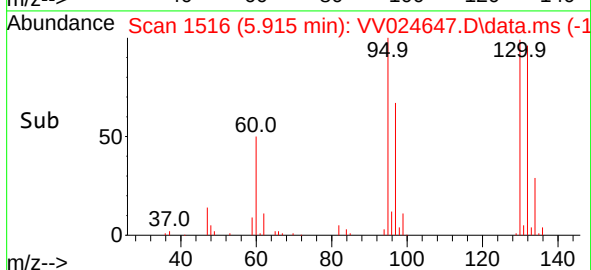
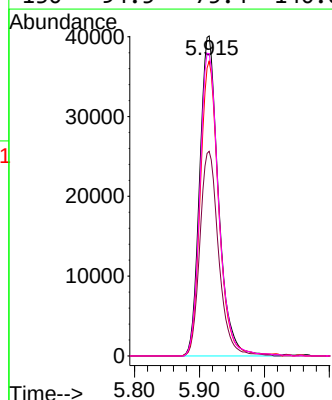
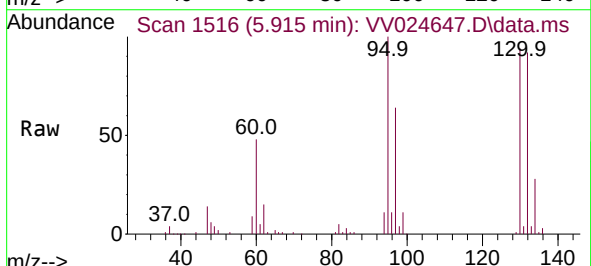
Ion Ratio Lower Upper

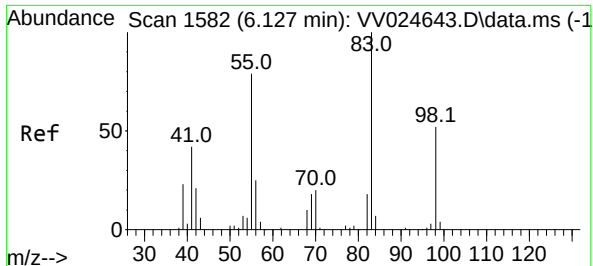
95 100

97 64.0 45.2 84.0

132 92.1 76.1 141.3

130 94.5 75.4 140.0





#35

Methylcyclohexane

Concen: 0.659 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024647.D

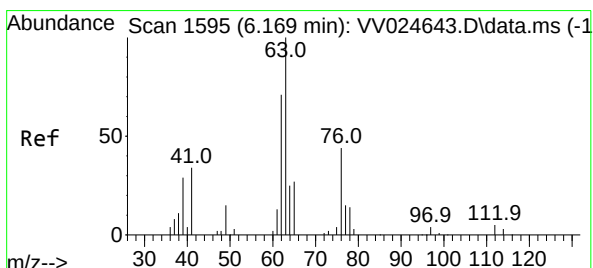
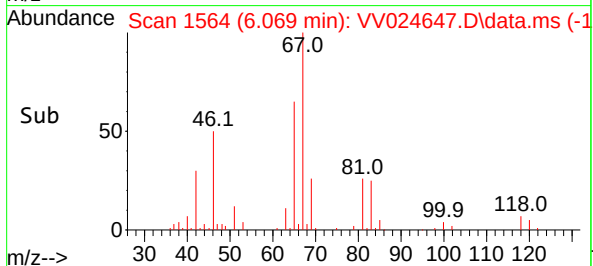
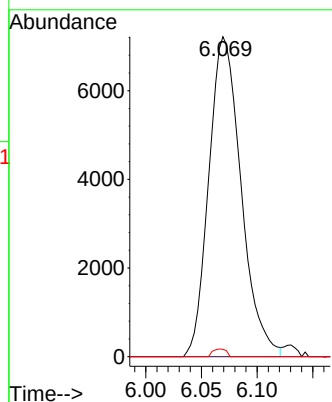
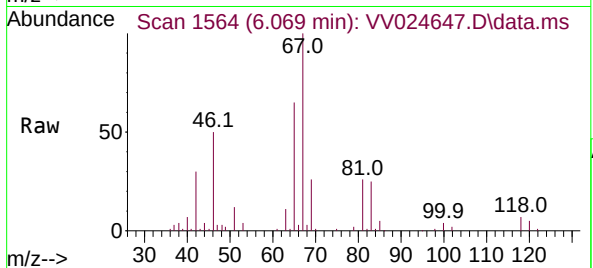
Acq: 14 Feb 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 14555
Ion Ratio	Lower Upper
83	100
55	0.7 60.2 90.2#
98	1.0 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.555 ug/L

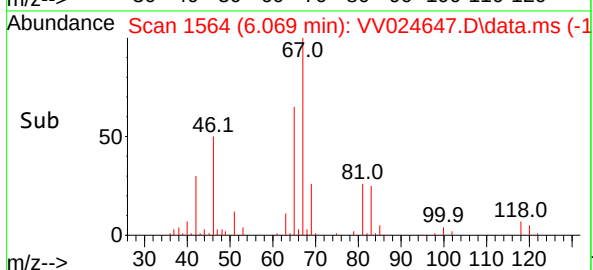
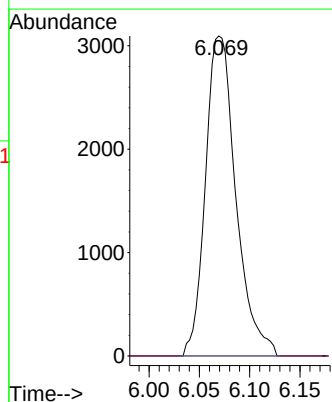
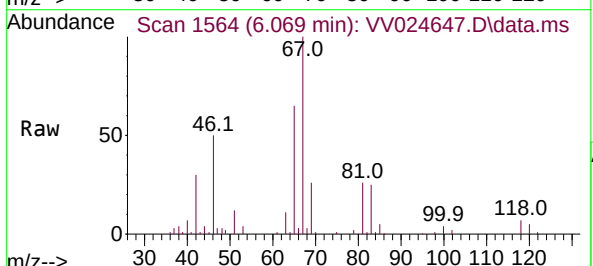
RT: 6.069 min Scan# 1564

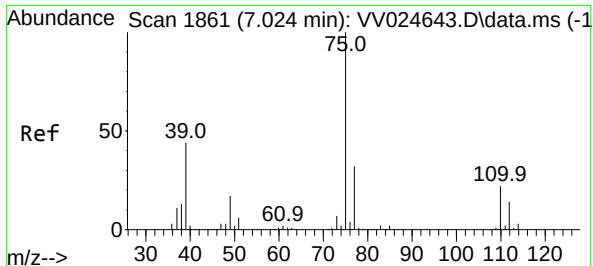
Delta R.T. -0.100 min

Lab File: VV024647.D

Acq: 14 Feb 2022 13:43

Tgt Ion: 63	Resp: 6527
Ion Ratio	Lower Upper
63	100
112	0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV024647.D

Acq: 14 Feb 2022 13:43

Instrument :

MSVOA_V

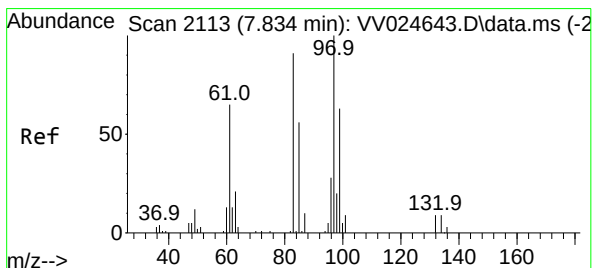
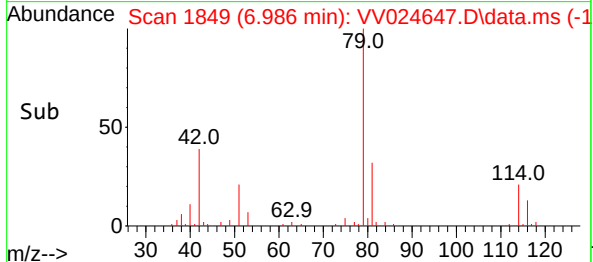
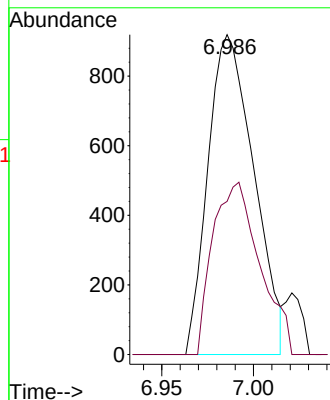
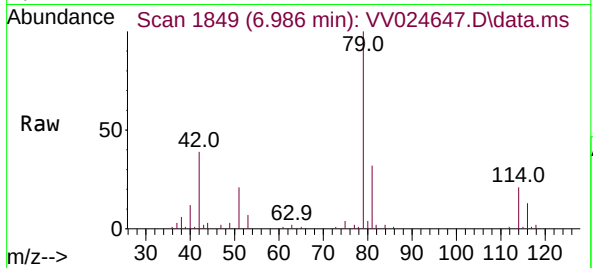
ClientSampleId :

Tgt Ion: 75 Resp: 1598

Ion Ratio Lower Upper

75 100

77 47.9 22.0 41.0#



#45

1,1,2-Trichloroethane

Concen: 0.067 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.138 min

Lab File: VV024647.D

Acq: 14 Feb 2022 13:43

Tgt Ion: 97 Resp: 510

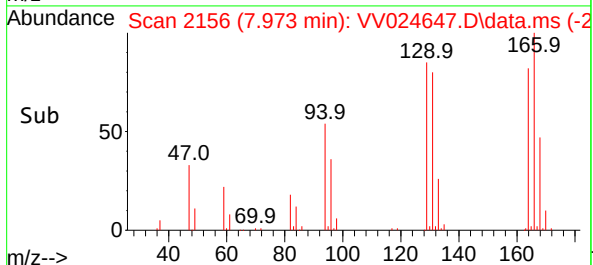
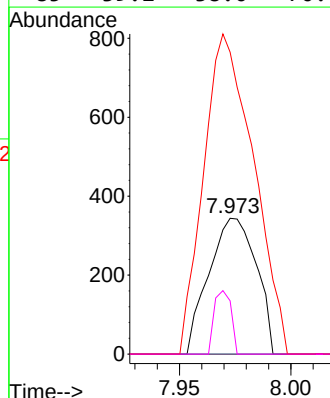
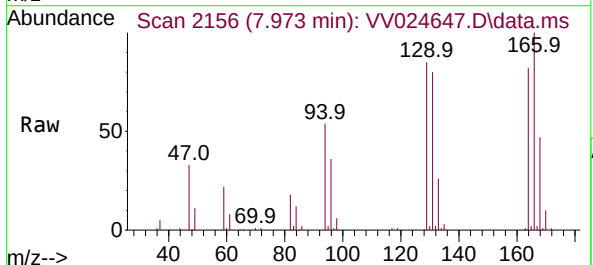
Ion Ratio Lower Upper

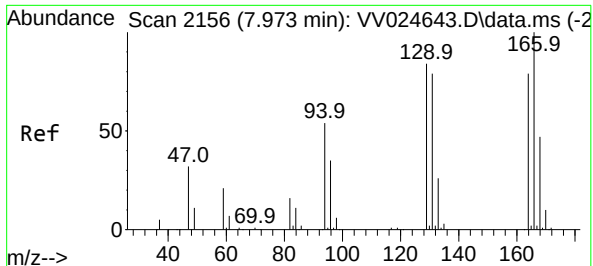
97 100

99 0.0 43.1 80.1#

83 222.4 57.9 107.5#

85 39.2 38.0 70.6





#47

Tetrachloroethene

Concen: 5.605 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV024647.D

Acq: 14 Feb 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 49648

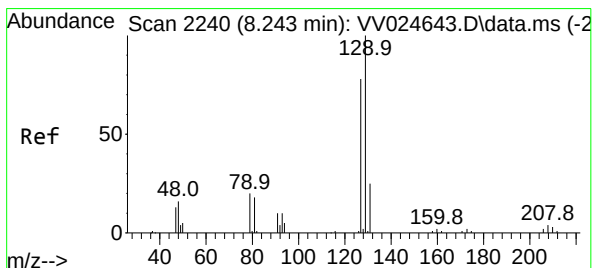
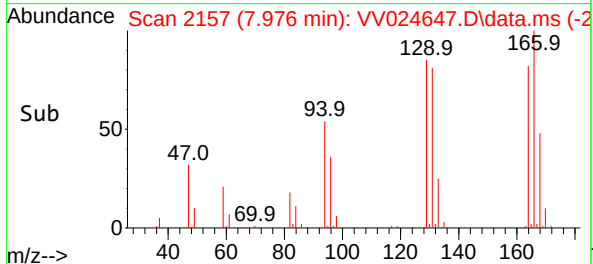
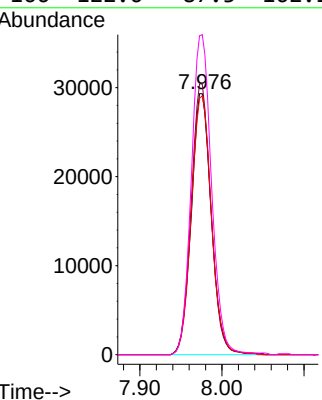
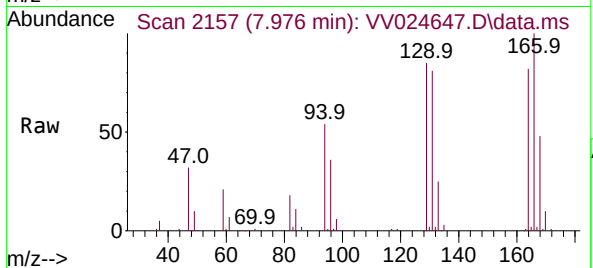
Ion Ratio Lower Upper

164 100

129 103.7 62.6 116.2

131 99.2 61.0 113.4

166 122.6 87.3 162.1



#49

Dibromochloromethane

Concen: 5.457 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV024647.D

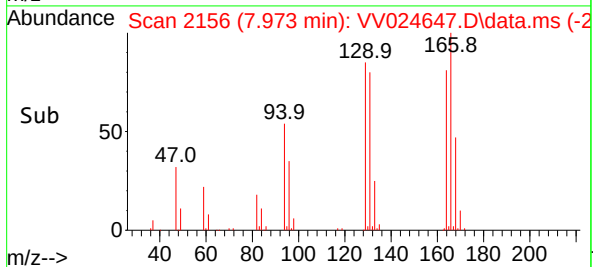
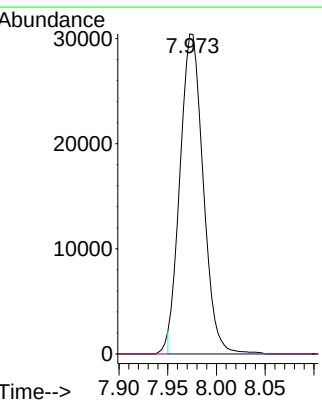
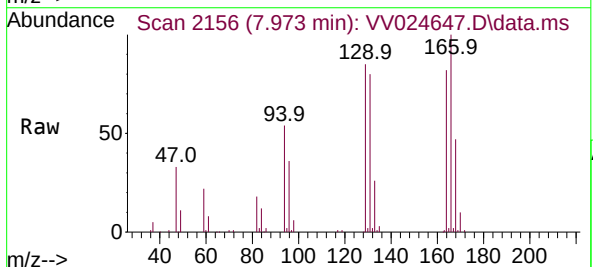
Acq: 14 Feb 2022 13:43

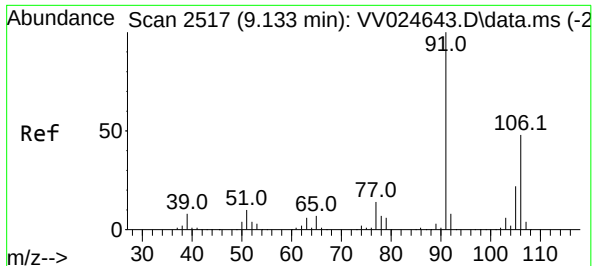
Tgt Ion:129 Resp: 50189

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#

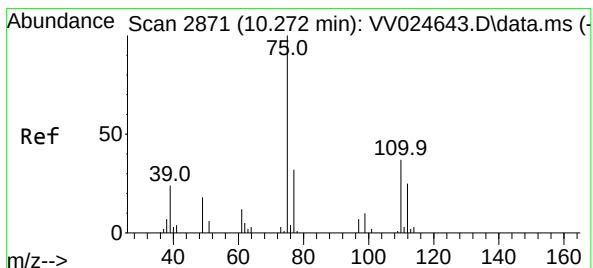
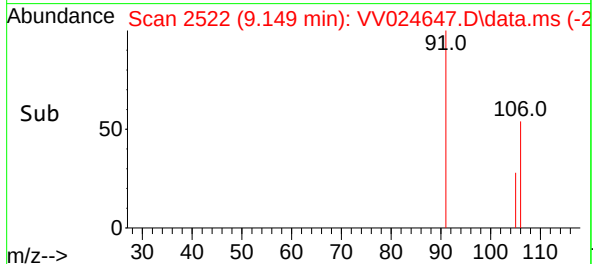
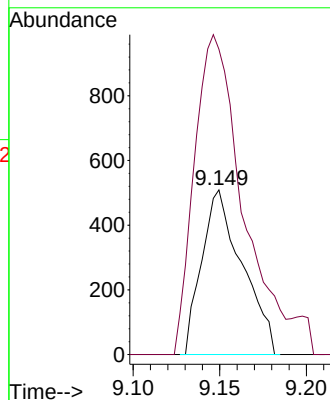
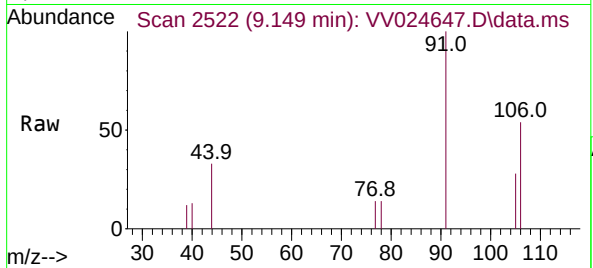




#53
m,p-xylene
Concen: 0.037 ug/L
RT: 9.149 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV024647.D
Acq: 14 Feb 2022 13:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 826
Ion Ratio Lower Upper
106 100
91 185.5 139.5 259.1



#61
1,2,3-Trichloropropane
Concen: 1.465 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV024647.D
Acq: 14 Feb 2022 13:43

Tgt Ion: 75 Resp: 8967
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
110 2.2 34.2 51.2#

