

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023863.D
 Acq On : 09 Dec 2021 15:55
 Operator : SY/MD
 Sample : M4984-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 10 00:43:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

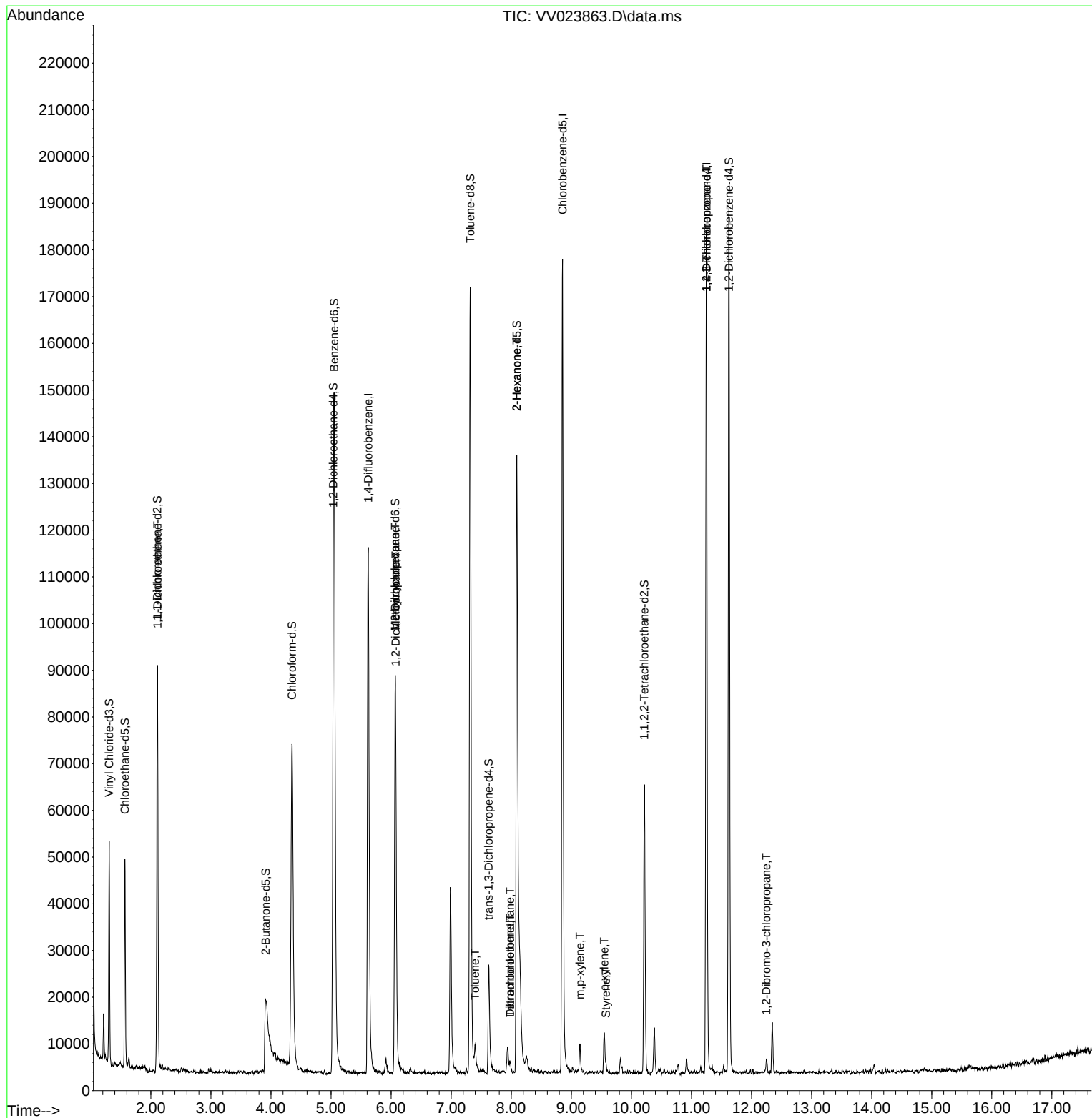
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	102215	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	101720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49569	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27482	3.275	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.568	69	26536	4.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.108	63	43678	2.954	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.000%#
20) 2-Butanone-d5	3.912	46	45659	45.264	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.520%
24) Chloroform-d	4.349	84	71464	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.037	65	34398	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.053	84	132004	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.069	67	39740	5.116	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.317	98	115611	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.625	79	14052	4.488	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.092	63	62125	59.715	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28673	5.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	49706	5.672	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.111	96	539	0.079	ug/L #	1
35) Methylcyclohexane	6.069	83	10453	0.863	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	4770	0.692	ug/L #	84
42) Toluene	7.397	91	4400	0.140	ug/L	92
47) Tetrachloroethene	7.982	164	652	0.092	ug/L	89
48) 2-Hexanone	8.092	43	6443	2.649	ug/L #	65
49) Dibromochloromethane	7.982	129	698	0.107	ug/L #	11
53) m,p-xylene	9.143	106	1956	0.149	ug/L	96
54) o-xylene	9.551	106	2274	0.183	ug/L	87
55) Styrene	9.577	104	1230	0.059	ug/L	92
61) 1,2,3-Trichloropropane	11.249	75	4941	1.406	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.246	75	119	0.170	ug/L #	1

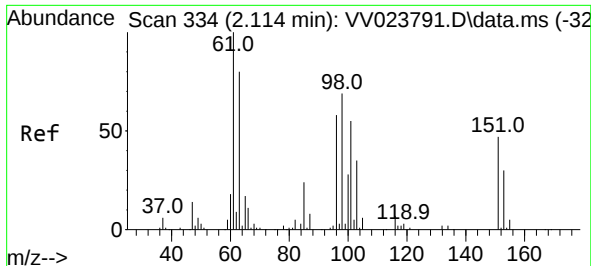
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.079 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV023863.D

Acq: 09 Dec 2021 15:55

Instrument :

MSVOA_V

ClientSampleId :

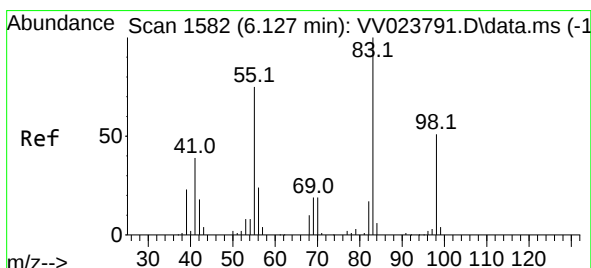
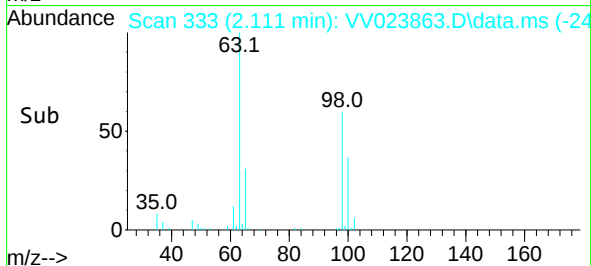
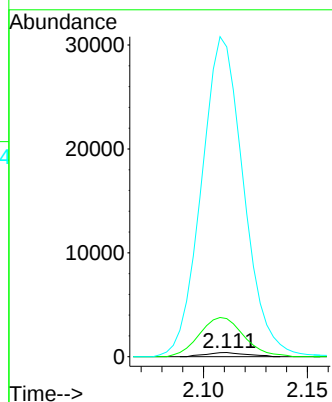
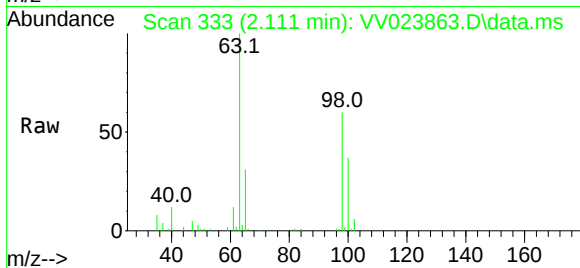
Tgt Ion: 96 Resp: 539

Ion Ratio Lower Upper

96 100

61 928.1 116.1 215.5#

63 7550.4 79.4 147.4#



#35

Methylcyclohexane

Concen: 0.863 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV023863.D

Acq: 09 Dec 2021 15:55

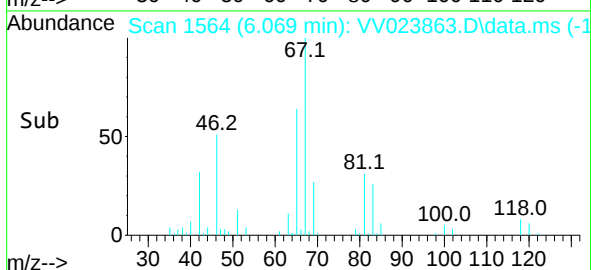
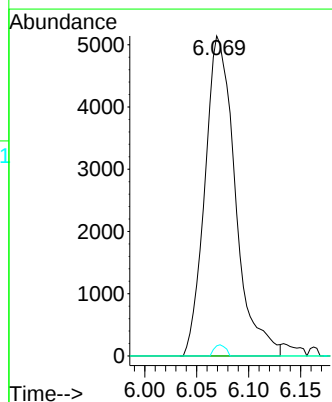
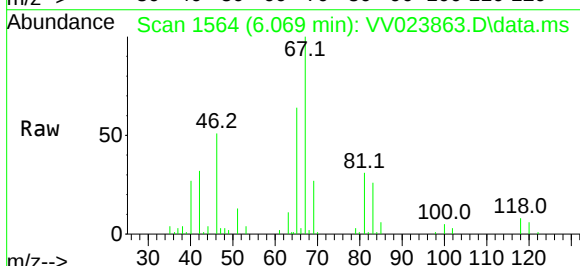
Tgt Ion: 83 Resp: 10453

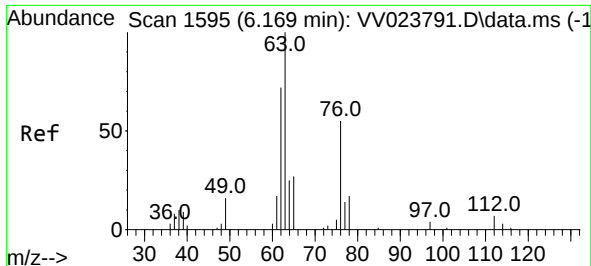
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 1.3 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.692 ug/L

RT: 6.076 min Scan# 1

Delta R.T. -0.093 min

Lab File: VV023863.D

Acq: 09 Dec 2021 15:55

Instrument :

MSVOA_V

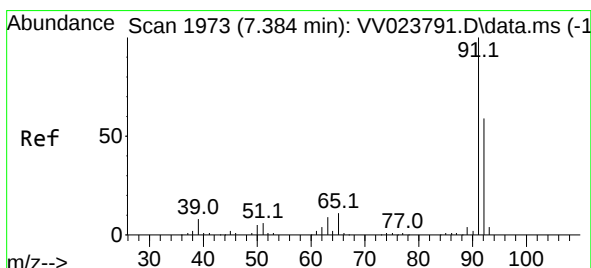
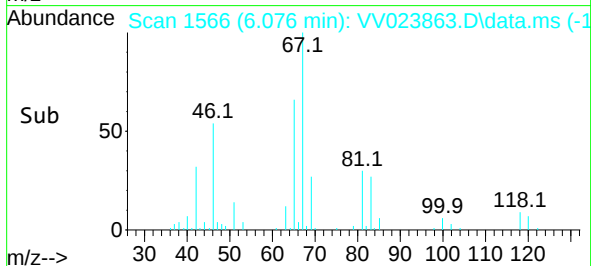
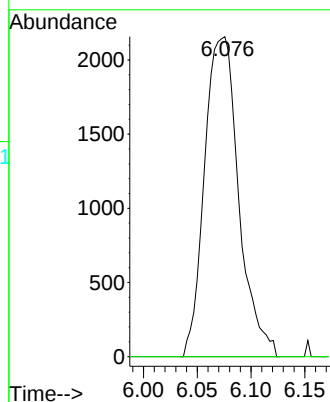
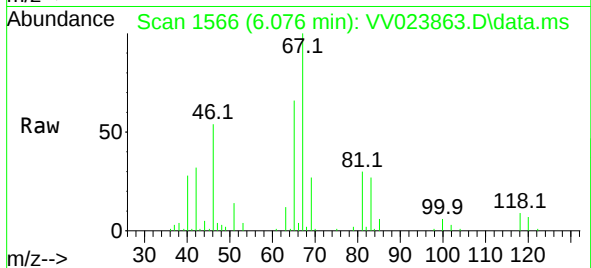
ClientSampleId :

Tgt Ion: 63 Resp: 4770

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#42

Toluene

Concen: 0.140 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.013 min

Lab File: VV023863.D

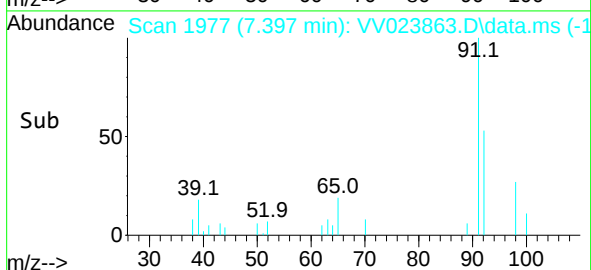
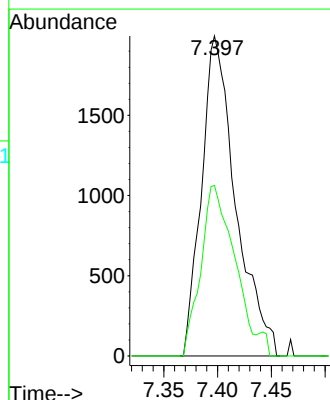
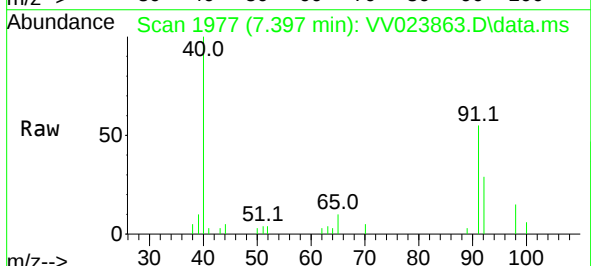
Acq: 09 Dec 2021 15:55

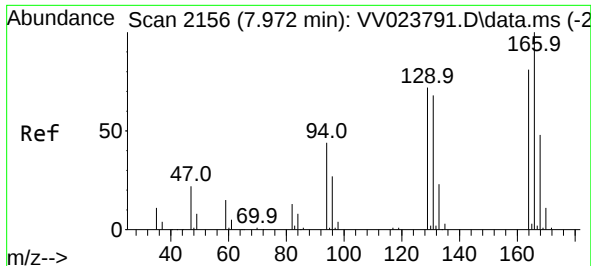
Tgt Ion: 91 Resp: 4400

Ion Ratio Lower Upper

91 100

92 53.3 41.5 77.1





#47

Tetrachloroethene

Concen: 0.092 ug/L

RT: 7.982 min Scan# 2156

Delta R.T. 0.010 min

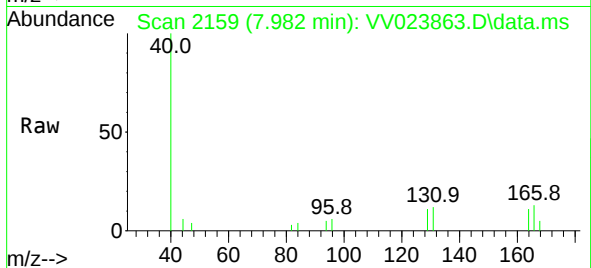
Lab File: VV023863.D

Acq: 09 Dec 2021 15:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 652

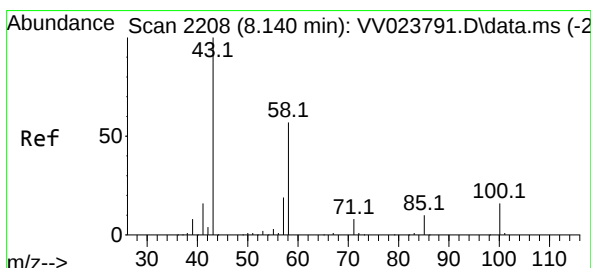
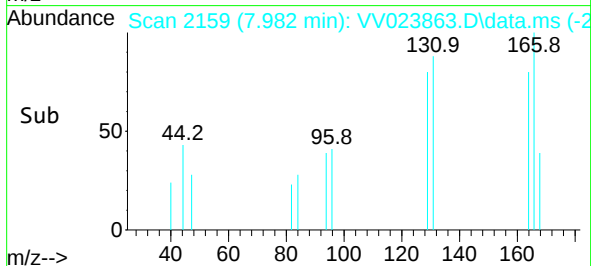
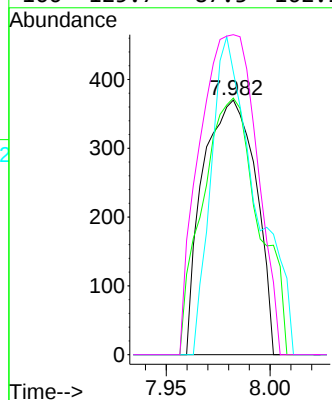
Ion Ratio Lower Upper

164 100

129 100.8 62.6 116.2

131 111.1 61.0 113.4

166 125.7 87.3 162.1



#48

2-Hexanone

Concen: 2.649 ug/L

RT: 8.092 min Scan# 2193

Delta R.T. -0.048 min

Lab File: VV023863.D

Acq: 09 Dec 2021 15:55

Tgt Ion: 43 Resp: 6443

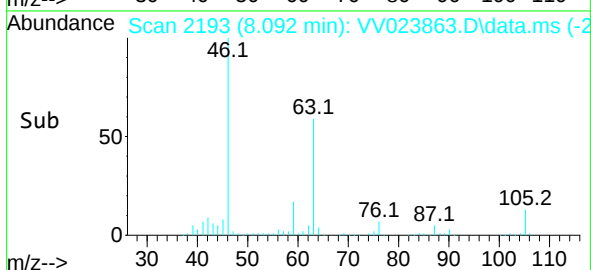
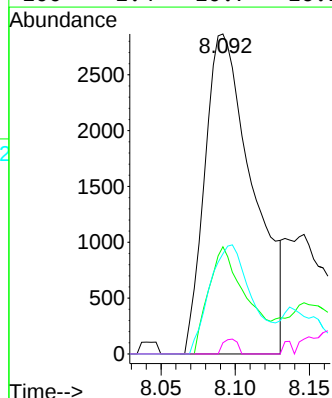
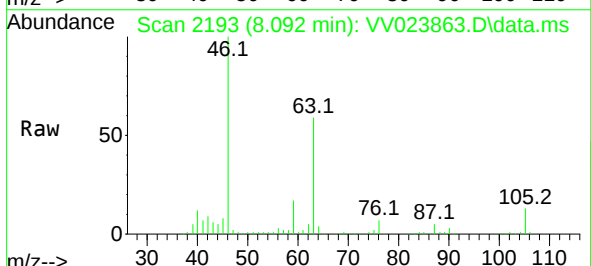
Ion Ratio Lower Upper

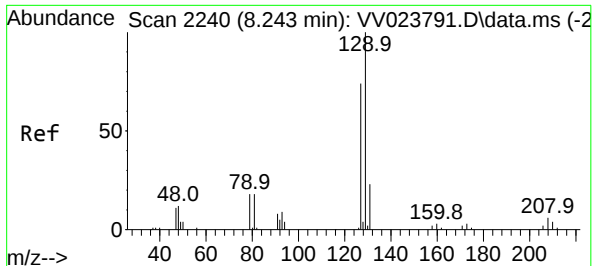
43 100

58 26.8 44.5 66.7#

57 30.3 15.1 22.7#

100 1.4 10.7 16.1#





#49

Dibromochloromethane

Concen: 0.107 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.260 min

Lab File: VV023863.D

Acq: 09 Dec 2021 15:55

Instrument :

MSVOA_V

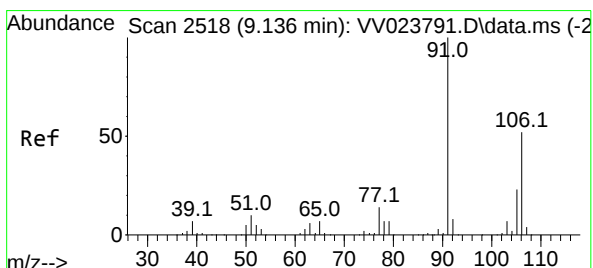
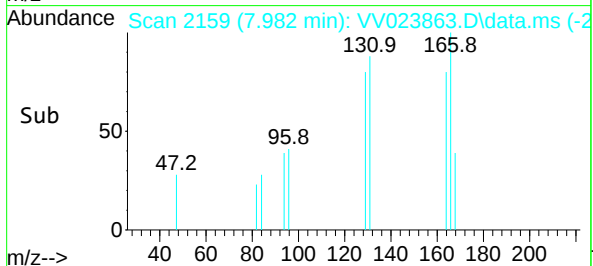
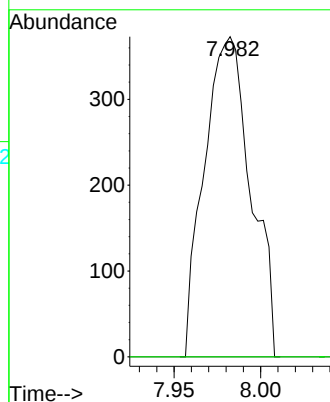
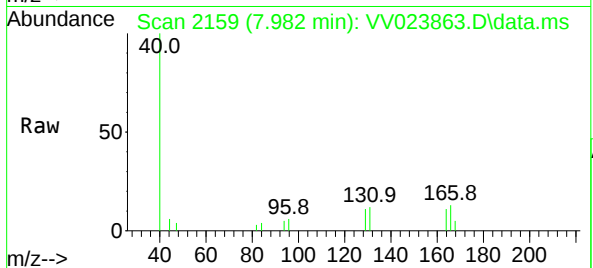
ClientSampleId :

Tgt Ion:129 Resp: 698

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#53

m,p-xylene

Concen: 0.149 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.007 min

Lab File: VV023863.D

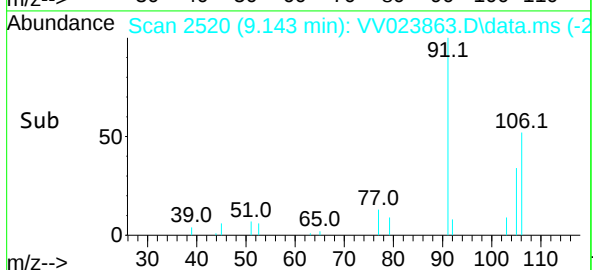
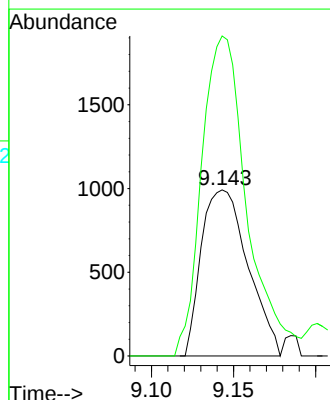
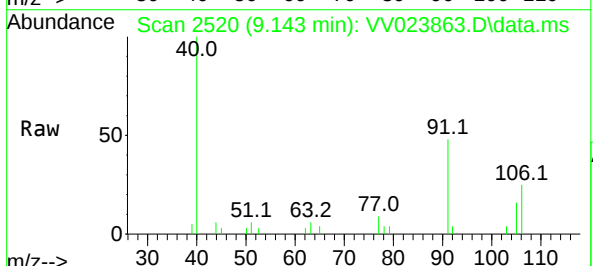
Acq: 09 Dec 2021 15:55

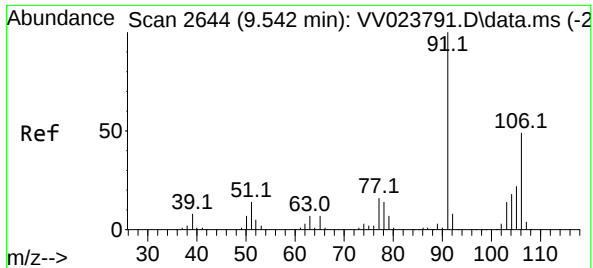
Tgt Ion:106 Resp: 1956

Ion Ratio Lower Upper

106 100

91 192.6 139.5 259.1

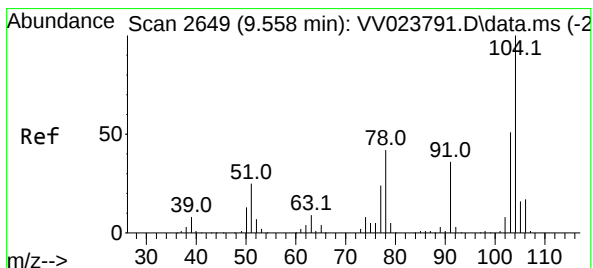
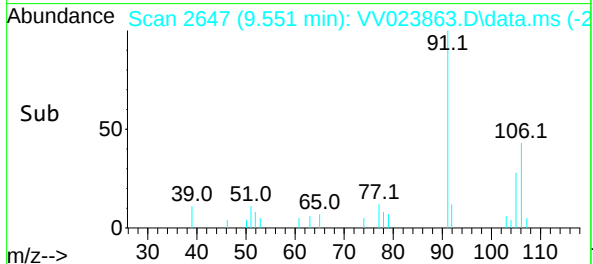
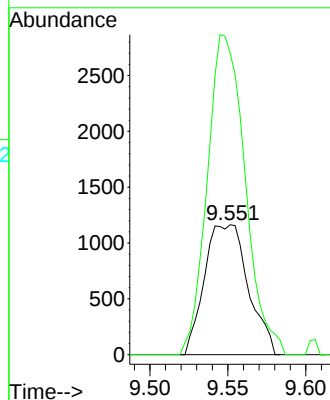
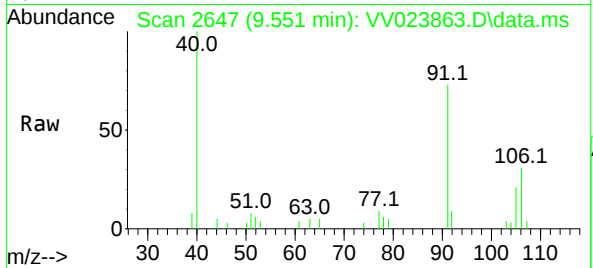




#54
o-xylene
Concen: 0.183 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.010 min
Lab File: VV023863.D
Acq: 09 Dec 2021 15:55

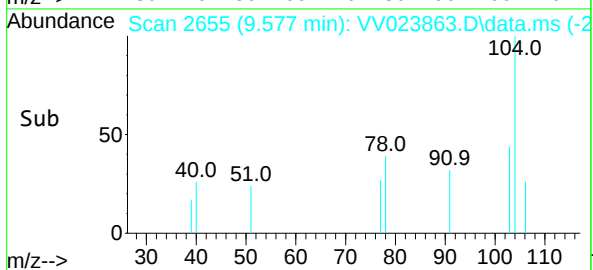
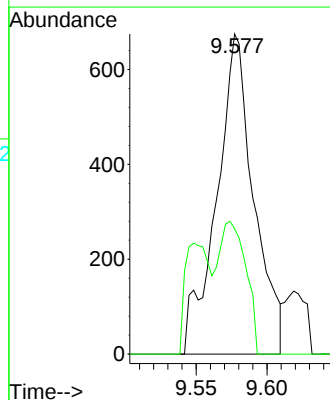
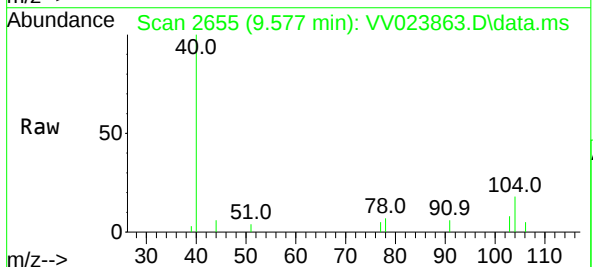
Instrument :
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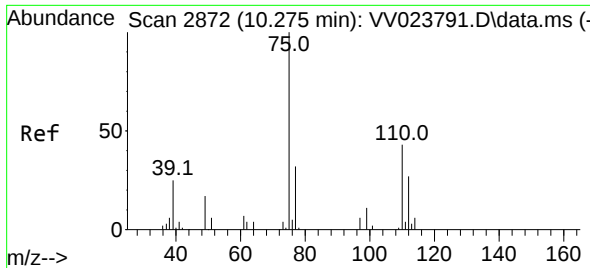
Tgt Ion:106 Resp: 2274
Ion Ratio Lower Upper
106 100
91 232.3 147.9 274.7



#55
Styrene
Concen: 0.059 ug/L
RT: 9.577 min Scan# 2655
Delta R.T. 0.019 min
Lab File: VV023863.D
Acq: 09 Dec 2021 15:55

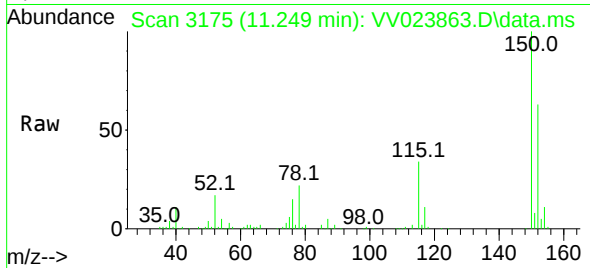
Tgt Ion:104 Resp: 1230
Ion Ratio Lower Upper
104 100
78 39.1 31.0 57.6



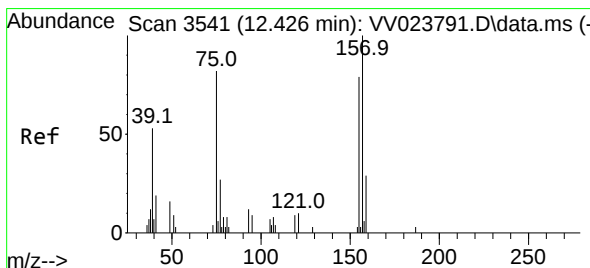
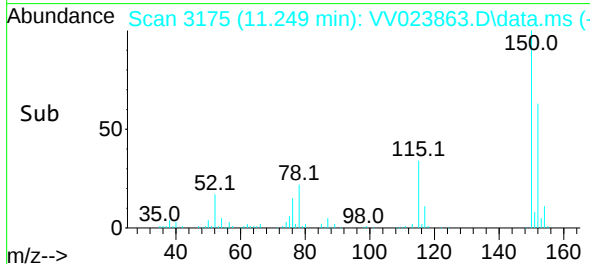
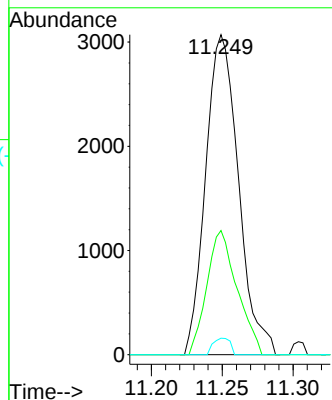


#61
 1,2,3-Trichloropropane
 Concen: 1.406 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.978 min
 Lab File: VV023863.D
 Acq: 09 Dec 2021 15:55

Instrument :
 MSVOA_V
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Tgt Ion: 75 Resp: 4941
 Ion Ratio Lower Upper
 75 100
 77 35.8 26.4 39.6
 110 2.7 34.2 51.2#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.170 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.180 min
 Lab File: VV023863.D
 Acq: 09 Dec 2021 15:55

Tgt Ion: 75 Resp: 119
 Ion Ratio Lower Upper
 75 100
 155 0.0 71.7 107.5#
 157 0.0 103.3 154.9#

