

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042022\
 Data File : VW025652.D
 Acq On : 20 Apr 2022 17:33
 Operator : SY/MD
 Sample : N2492-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6W1

Quant Time: Apr 21 06:44:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 21 06:38:14 2022
 Response via : Initial Calibration

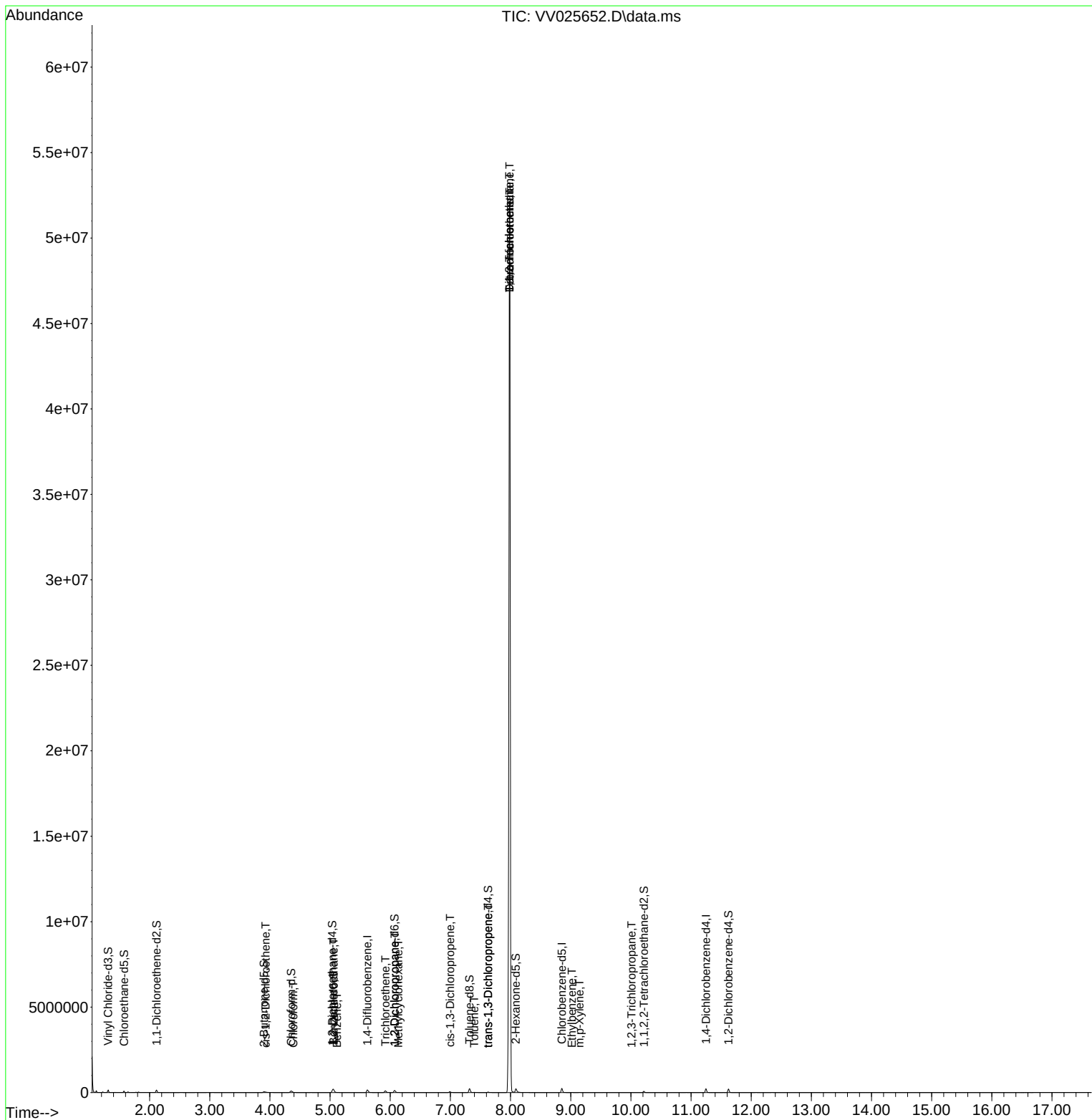
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

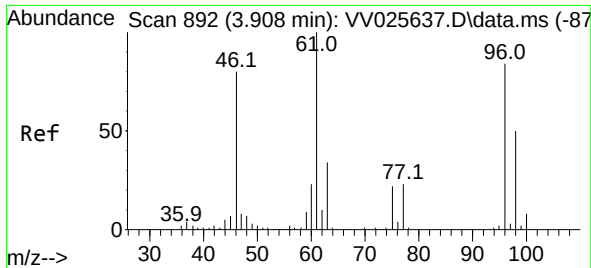
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132454	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	135247	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56942	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	47779	3.880	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.574	69	50755	3.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.114	63	76481	3.100	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.899	46	94360	62.994	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.980%
24) Chloroform-d	4.352	84	96084	5.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.037	65	46611	5.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.200%
32) Benzene-d6	5.053	84	185745	4.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.072	67	58407	5.352	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.317	98	153052	4.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.625	79	17242	4.700	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.088	63	75408	58.573	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36490	5.292	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	51778	5.424	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.928	96	1826	0.180	ug/L	89
25) Chloroform	4.387	83	3097	0.180	ug/L	99
27) 1,2-Dichloroethane	5.059	62	874	0.096	ug/L #	71
33) Benzene	5.114	78	3489	0.087	ug/L	100
34) Trichloroethene	5.918	95	35992	3.393	ug/L	98
35) Methylcyclohexane	6.133	83	1841	0.109	ug/L	89
37) 1,2-Dichloropropane	6.075	63	6953	0.752	ug/L #	86
39) cis-1,3-Dichloropropene	6.995	75	1462	0.121	ug/L #	78
42) Toluene	7.397	91	11293	0.260	ug/L	95
44) trans-1,3-Dichloropropene	7.625	75	792	0.084	ug/L	96
45) 1,1,2-Trichloroethane	7.982	97	103077	16.654	ug/L #	1
47) Tetrachloroethene	7.985	164	10159948	1223.389	ug/L	92
49) Dibromochloromethane	7.985	129	10374777	1526.896	ug/L #	11
52) Ethylbenzene	9.021	91	6101	0.132	ug/L	96
53) m,p-Xylene	9.146	106	1854	0.105	ug/L	75
61) 1,2,3-Trichloropropane	10.011	75	553	0.147	ug/L #	37

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

Instrument :
MSVOA_V
ClientSampleId :
EW6W1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 21 06:38:14 2022
Response via : Initial Calibration

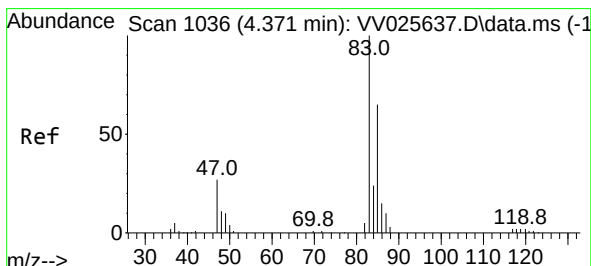
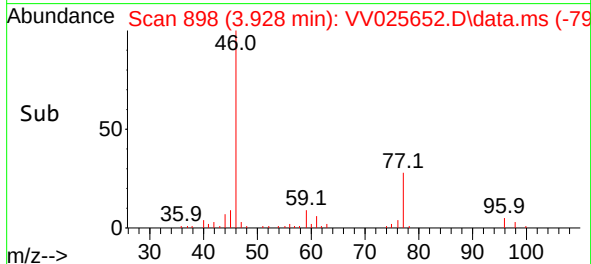
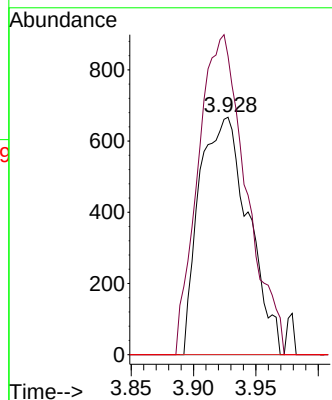
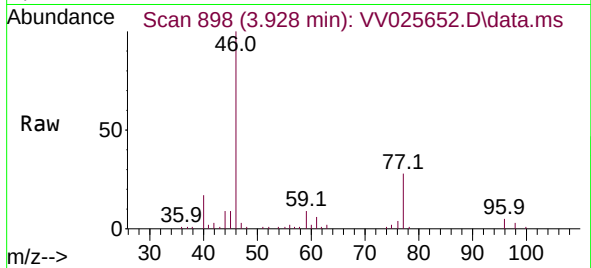




#22
 cis-1,2-Dichloroethene
 Concen: 0.180 ug/L
 RT: 3.928 min Scan# 892
 Delta R.T. 0.019 min
 Lab File: VV025652.D
 Acq: 20 Apr 2022 17:33

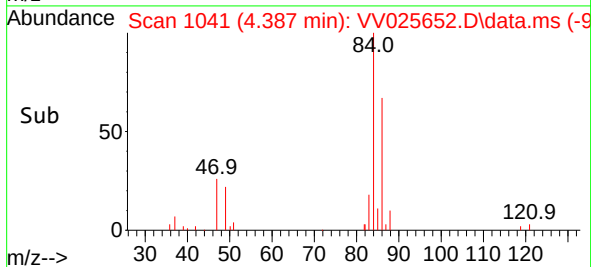
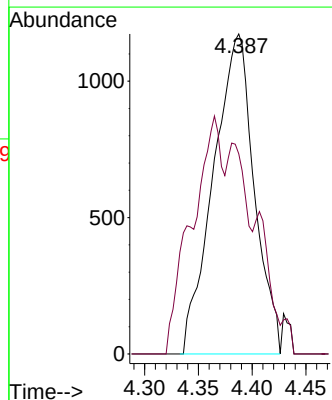
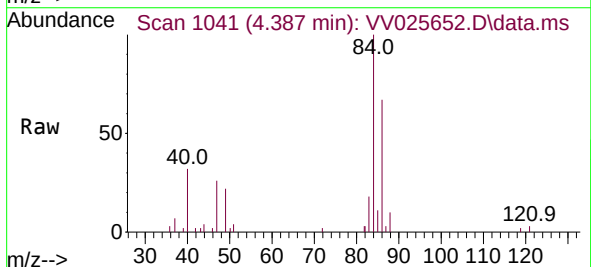
Instrument :
 MSVOA_V
 ClientSampleId :
 EW6W1

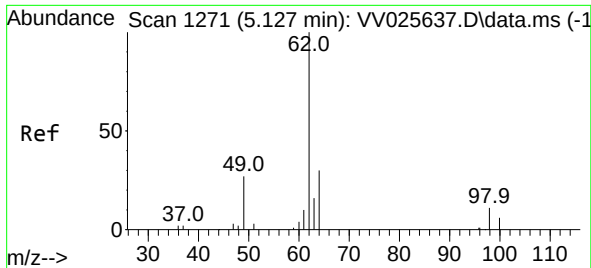
Tgt Ion:	96	Resp:	1826
Ion	Ratio	Lower	Upper
96	100		
61	125.8	80.0	148.6
68	0.0	0.0	0.0



#25
 Chloroform
 Concen: 0.180 ug/L
 RT: 4.387 min Scan# 1041
 Delta R.T. 0.016 min
 Lab File: VV025652.D
 Acq: 20 Apr 2022 17:33

Tgt Ion:	83	Resp:	3097
Ion	Ratio	Lower	Upper
83	100		
85	62.6	43.5	80.7





#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. -0.068 min

Lab File: VV025652.D

Acq: 20 Apr 2022 17:33

Instrument :

MSVOA_V

ClientSampleId :

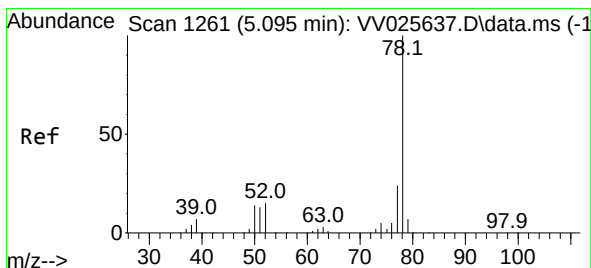
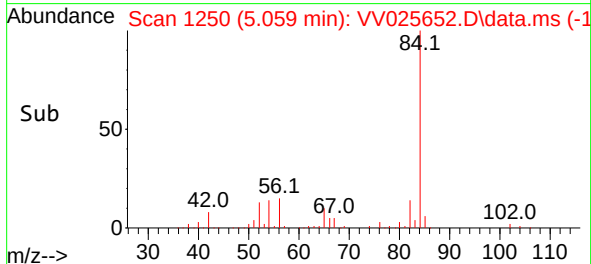
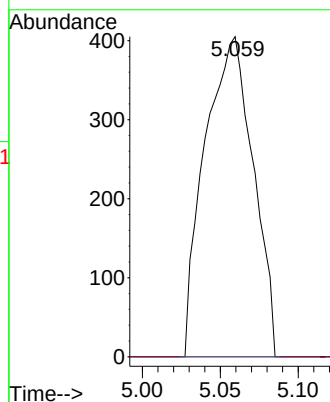
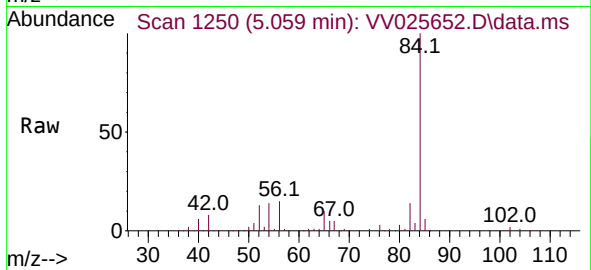
EW6W1

Tgt Ion: 62 Resp: 874

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#33

Benzene

Concen: 0.087 ug/L

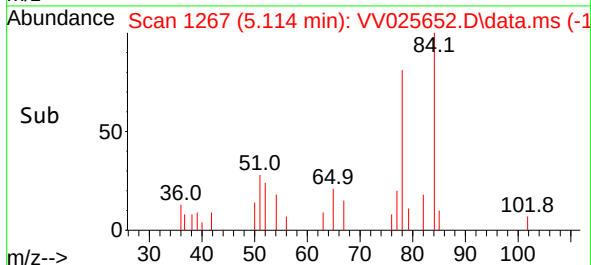
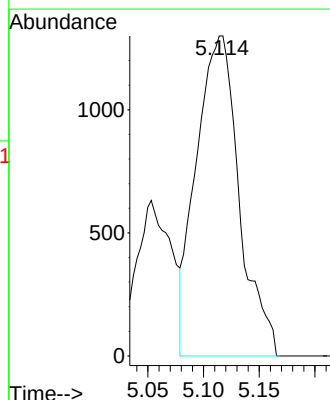
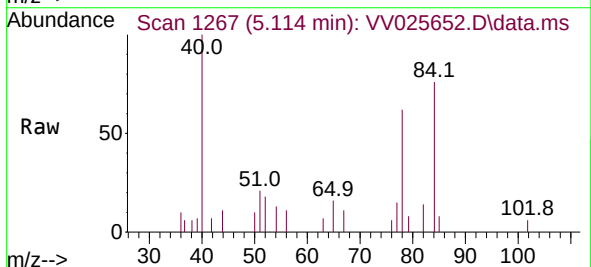
RT: 5.114 min Scan# 1267

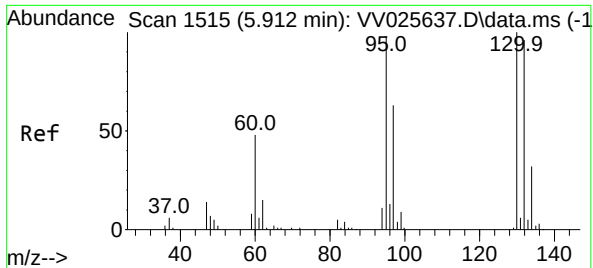
Delta R.T. 0.019 min

Lab File: VV025652.D

Acq: 20 Apr 2022 17:33

Tgt Ion: 78 Resp: 3489





#34

Trichloroethene

Concen: 3.393 ug/L

RT: 5.918 min Scan# 1515

Delta R.T. 0.006 min

Lab File: VV025652.D

Acq: 20 Apr 2022 17:33

Instrument :

MSVOA_V

ClientSampleId :

EW6W1

Tgt Ion: 95 Resp: 35992

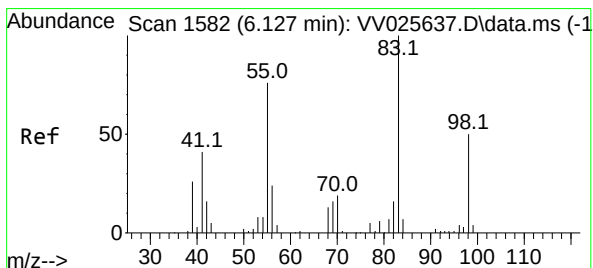
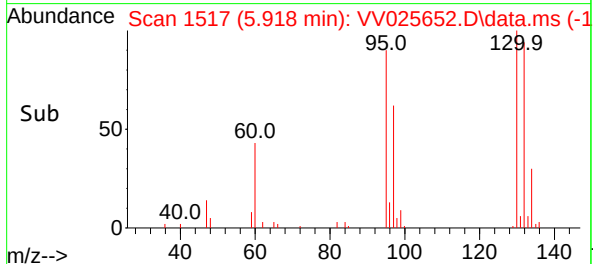
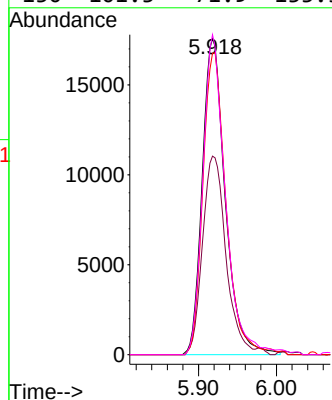
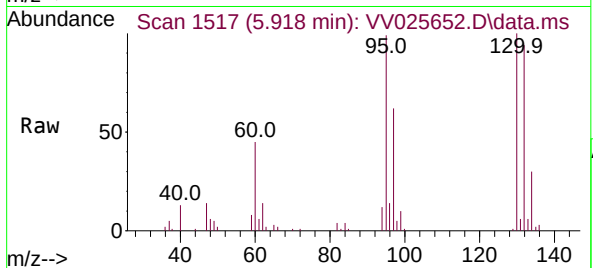
Ion Ratio Lower Upper

95 100

97 62.8 45.8 85.2

132 95.4 68.0 126.4

130 101.3 71.9 133.5



#35

Methylcyclohexane

Concen: 0.109 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.006 min

Lab File: VV025652.D

Acq: 20 Apr 2022 17:33

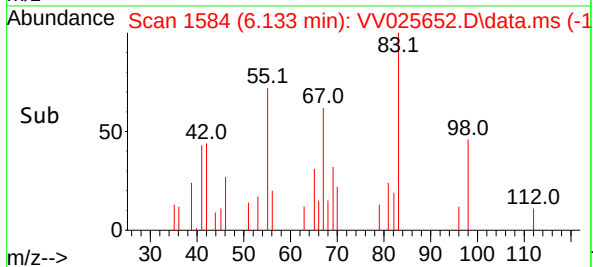
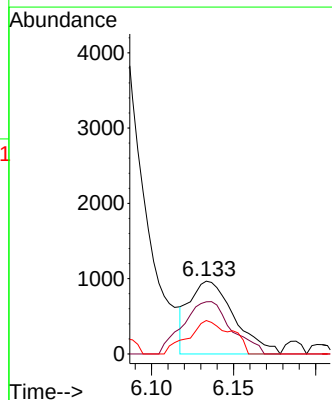
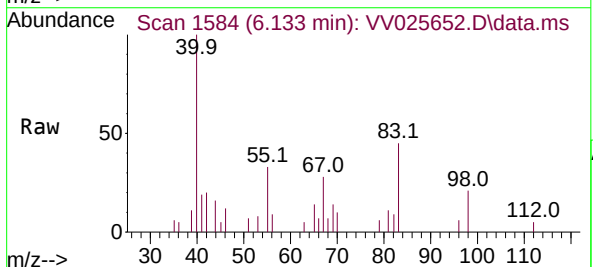
Tgt Ion: 83 Resp: 1841

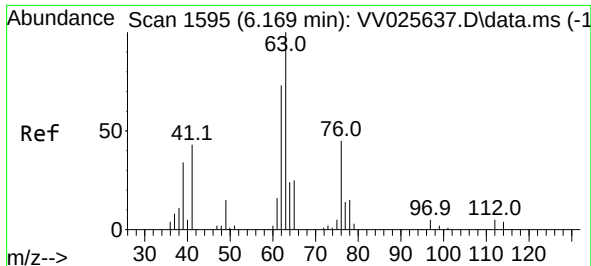
Ion Ratio Lower Upper

83 100

55 77.0 53.7 80.5

98 43.6 39.6 59.4





#37

1,2-Dichloropropane

Concen: 0.752 ug/L

RT: 6.075 min Scan# 1

Delta R.T. -0.093 min

Lab File: VV025652.D

Acq: 20 Apr 2022 17:33

Instrument :

MSVOA_V

ClientSampleId :

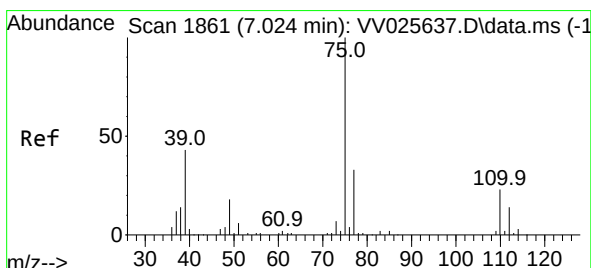
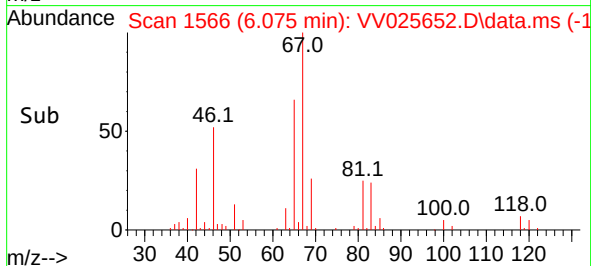
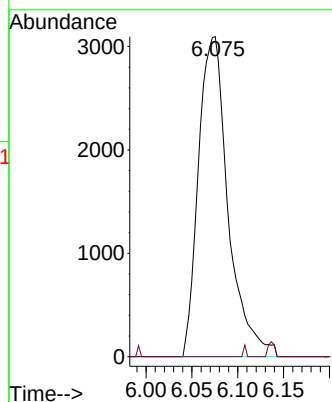
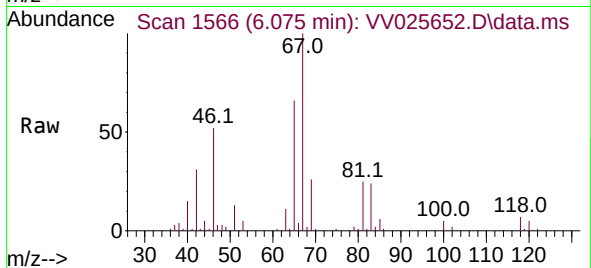
EW6W1

Tgt Ion: 63 Resp: 6953

Ion Ratio Lower Upper

63 100

112 0.3 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.029 min

Lab File: VV025652.D

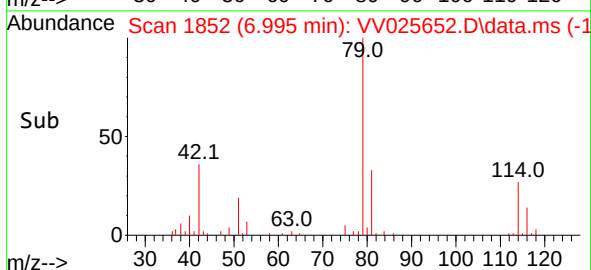
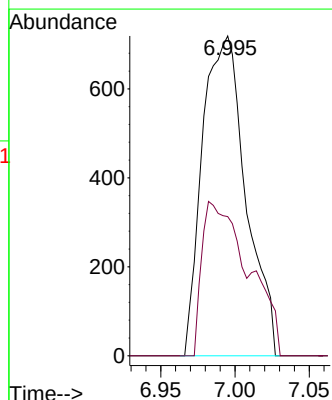
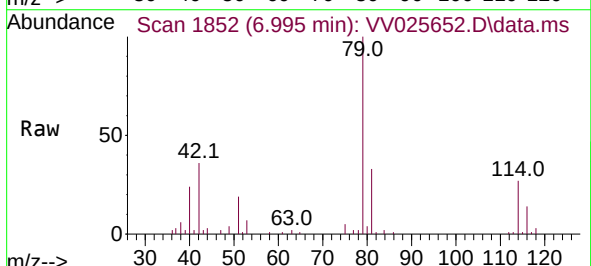
Acq: 20 Apr 2022 17:33

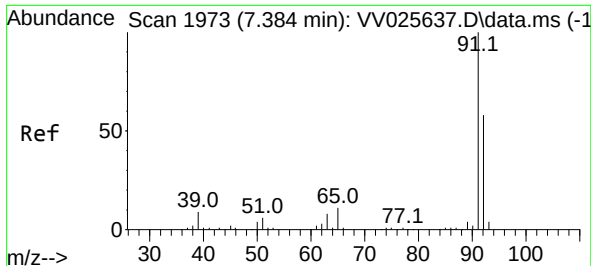
Tgt Ion: 75 Resp: 1462

Ion Ratio Lower Upper

75 100

77 43.5 21.8 40.6#





#42

Toluene

Concen: 0.260 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV025652.D

Acq: 20 Apr 2022 17:33

Instrument :

MSVOA_V

ClientSampleId :

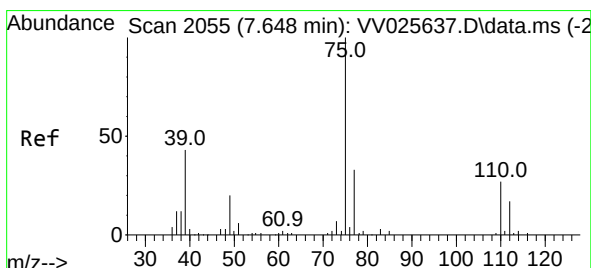
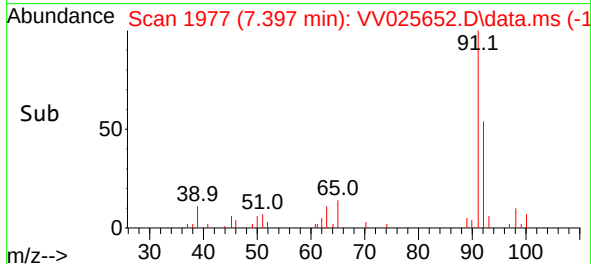
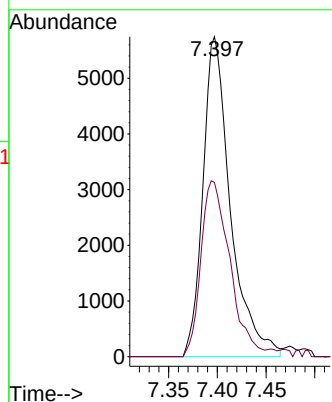
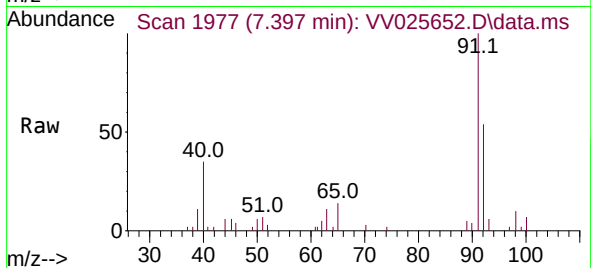
EW6W1

Tgt Ion: 91 Resp: 11293

Ion Ratio Lower Upper

91 100

92 54.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.023 min

Lab File: VV025652.D

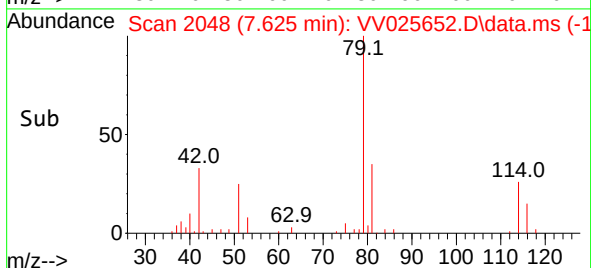
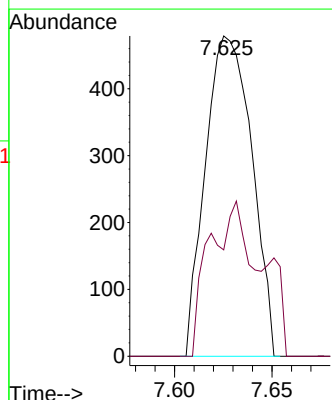
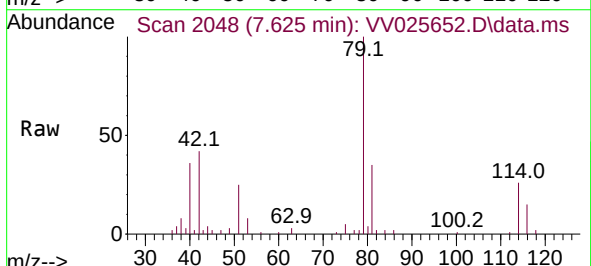
Acq: 20 Apr 2022 17:33

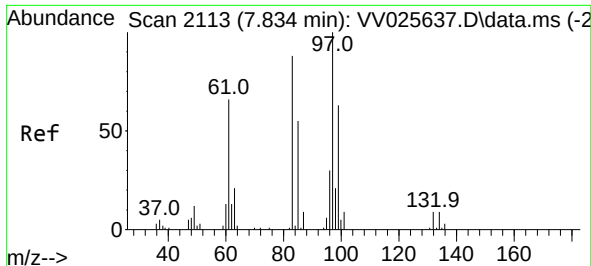
Tgt Ion: 75 Resp: 792

Ion Ratio Lower Upper

75 100

77 33.2 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 16.654 ug/L

RT: 7.982 min Scan# 2113

Delta R.T. 0.148 min

Lab File: VV025652.D

Acq: 20 Apr 2022 17:33

Instrument :

MSVOA_V

ClientSampleId :

EW6W1

Tgt Ion: 97 Resp: 103077

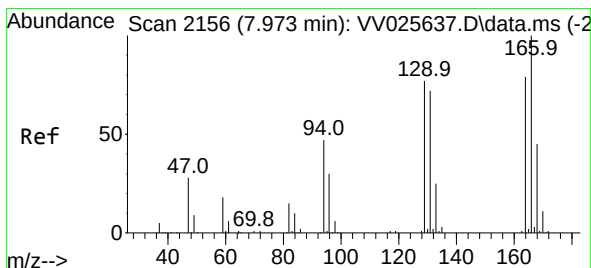
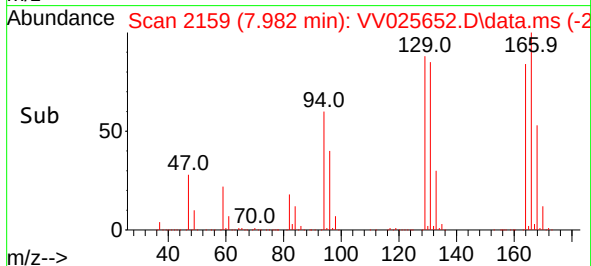
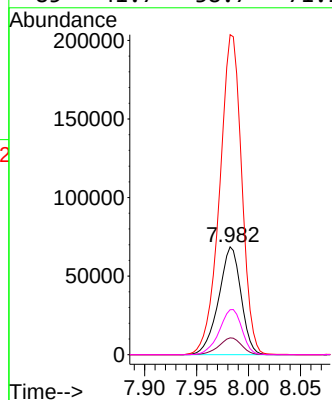
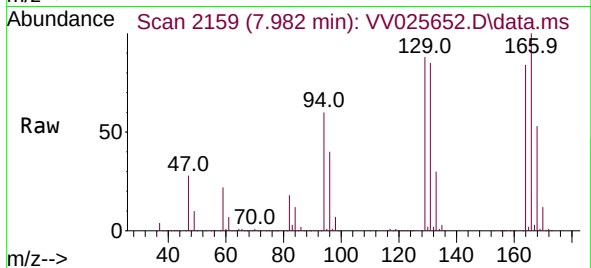
Ion Ratio Lower Upper

97 100

99 15.6 43.8 81.4#

83 296.7 60.3 112.1#

85 41.7 38.7 71.9



#47

Tetrachloroethene

Concen: 1223.389 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. 0.013 min

Lab File: VV025652.D

Acq: 20 Apr 2022 17:33

Tgt Ion:164 Resp:10159948

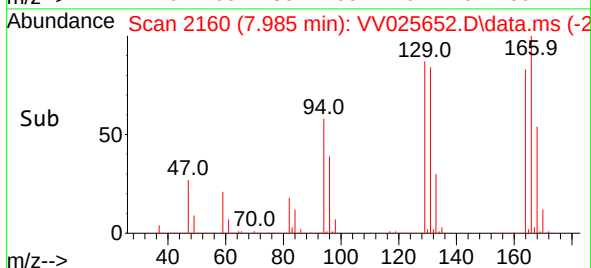
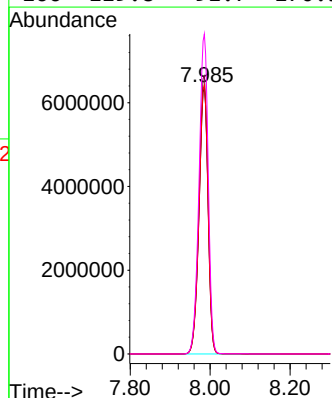
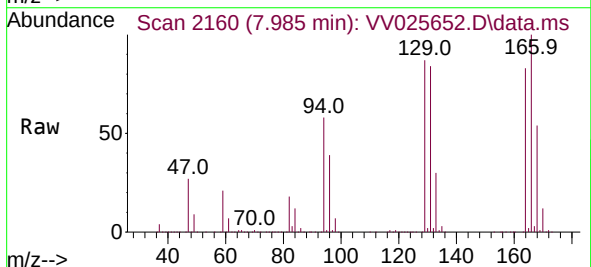
Ion Ratio Lower Upper

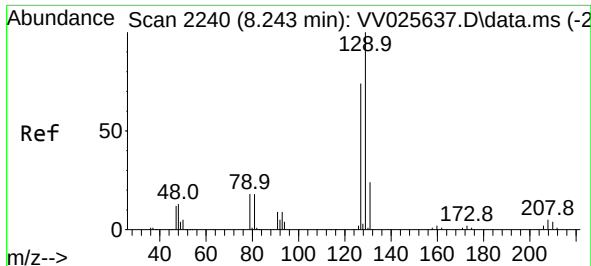
164 100

129 104.1 66.8 124.2

131 100.7 66.4 123.4

166 119.8 91.7 170.3

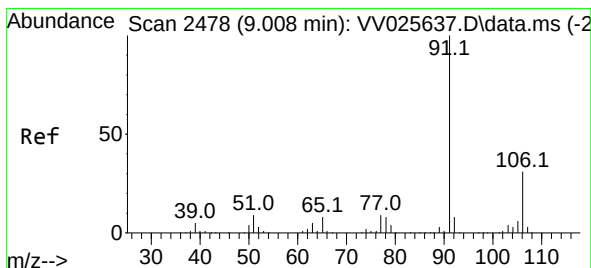
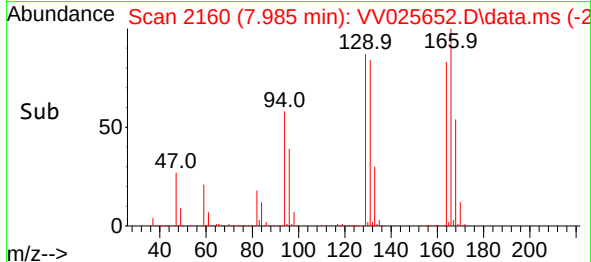
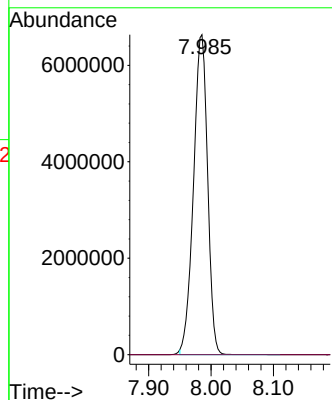
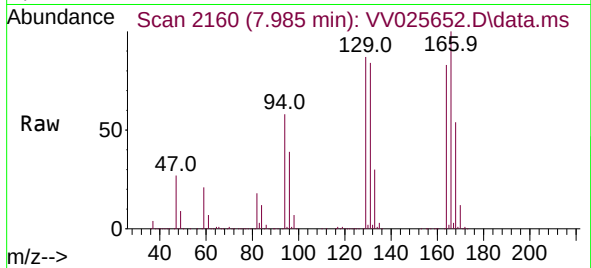




#49
Dibromochloromethane
Concen: 1526.896 ug/L
RT: 7.985 min Scan# 2160
Delta R.T. -0.257 min
Lab File: VV025652.D
Acq: 20 Apr 2022 17:33

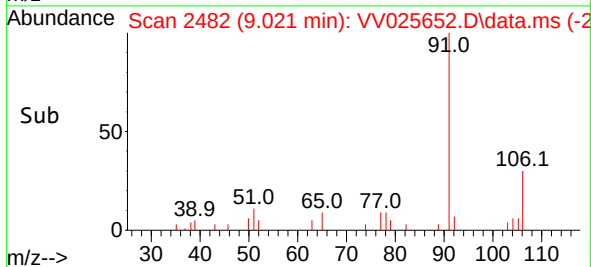
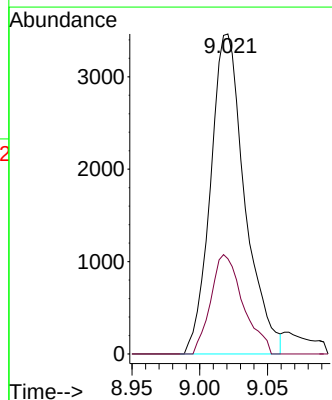
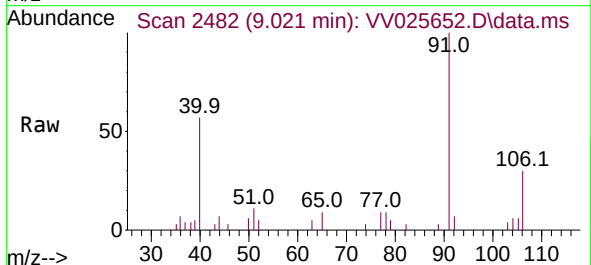
Instrument :
MSVOA_V
ClientSampleId :
EW6W1

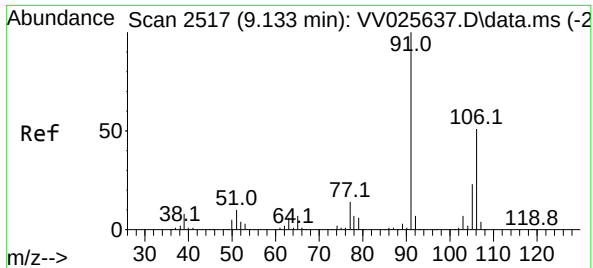
Tgt Ion:129 Resp:10374777
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#



#52
Ethylbenzene
Concen: 0.132 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.013 min
Lab File: VV025652.D
Acq: 20 Apr 2022 17:33

Tgt Ion: 91 Resp: 6101
Ion Ratio Lower Upper
91 100
106 29.8 22.3 41.3

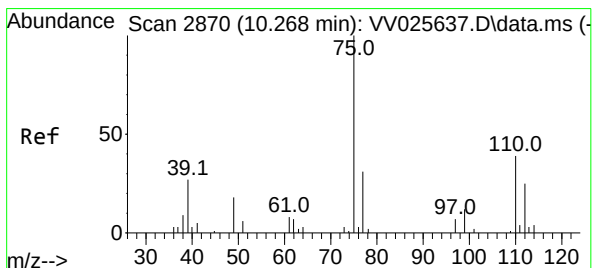
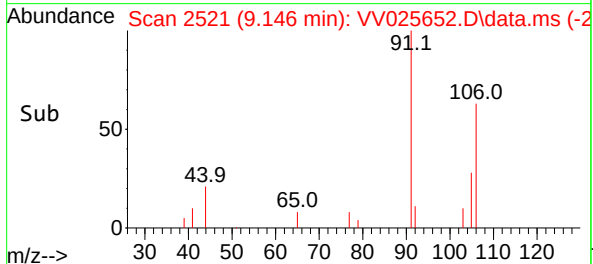
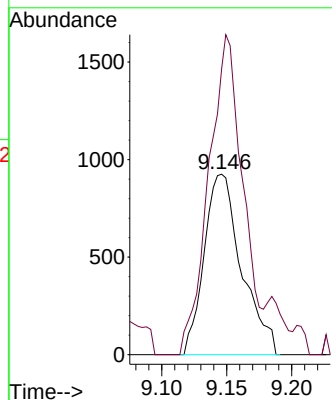
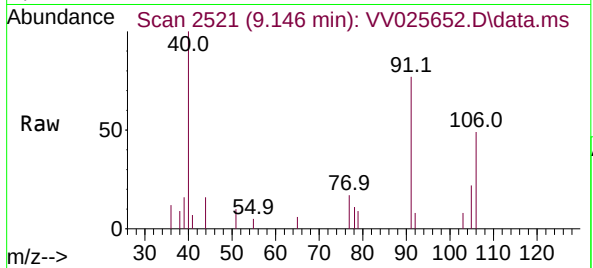




#53
m,p-Xylene
Concen: 0.105 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV025652.D
Acq: 20 Apr 2022 17:33

Instrument :
MSVOA_V
ClientSampleId :
EW6W1

Tgt Ion:106 Resp: 1854
Ion Ratio Lower Upper
106 100
91 158.4 136.4 253.4



#61
1,2,3-Trichloropropane
Concen: 0.147 ug/L
RT: 10.011 min Scan# 2790
Delta R.T. -0.257 min
Lab File: VV025652.D
Acq: 20 Apr 2022 17:33

Tgt Ion: 75 Resp: 553
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#
110 0.0 34.7 52.1#

