

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025578.D
 Acq On : 15 Apr 2022 19:13
 Operator : SY/MD
 Sample : N2384-15
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Q7

Quant Time: Apr 16 02:45:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 16 02:38:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121106	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122782	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53557	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	42236	3.751	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.574	69	42530	3.551	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.000%
11) 1,1-Dichloroethene-d2	2.114	63	65946	2.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.400%#
20) 2-Butanone-d5	3.908	46	66297	48.407	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.820%
24) Chloroform-d	4.355	84	73799	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.037	65	35106	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.053	84	144671	4.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.072	67	44527	4.494	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.317	98	114939	3.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.800%#
43) trans-1,3-Dichloroprop...	7.632	79	11714	3.518	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.092	63	44214	37.830	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26873	4.293	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	38318	4.267	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	566	0.048	ug/L	99
13) Acetone	2.198	43	3947	4.246	ug/L	69
14) Carbon disulfide	2.301	76	8520	0.339	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	296	0.032	ug/L	86
25) Chloroform	4.384	83	2669	0.170	ug/L	97
27) 1,2-Dichloroethane	5.050	62	890	0.107	ug/L #	71
34) Trichloroethene	5.924	95	7580	0.787	ug/L	96
35) Methylcyclohexane	6.140	83	861	0.056	ug/L #	75
37) 1,2-Dichloropropane	6.069	63	4972	0.593	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	881	0.080	ug/L #	51
47) Tetrachloroethene	7.976	164	14269	1.893	ug/L	97
49) Dibromochloromethane	7.976	129	14260	2.312	ug/L #	11
52) Ethylbenzene	9.021	91	3358	0.080	ug/L	85
53) m,p-Xylene	9.146	106	2172	0.136	ug/L	85
54) o-Xylene	9.555	106	857	0.055	ug/L #	50
60) Isopropylbenzene	10.452	105	1733	0.052	ug/L	96
61) 1,2,3-Trichloropropane	11.246	75	6906	1.958	ug/L #	60
62) 1,3,5-Trimethylbenzene	10.915	105	2458	0.166	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	2458	0.092	ug/L	95

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 16 02:38:36 2022
Response via : Initial Calibration

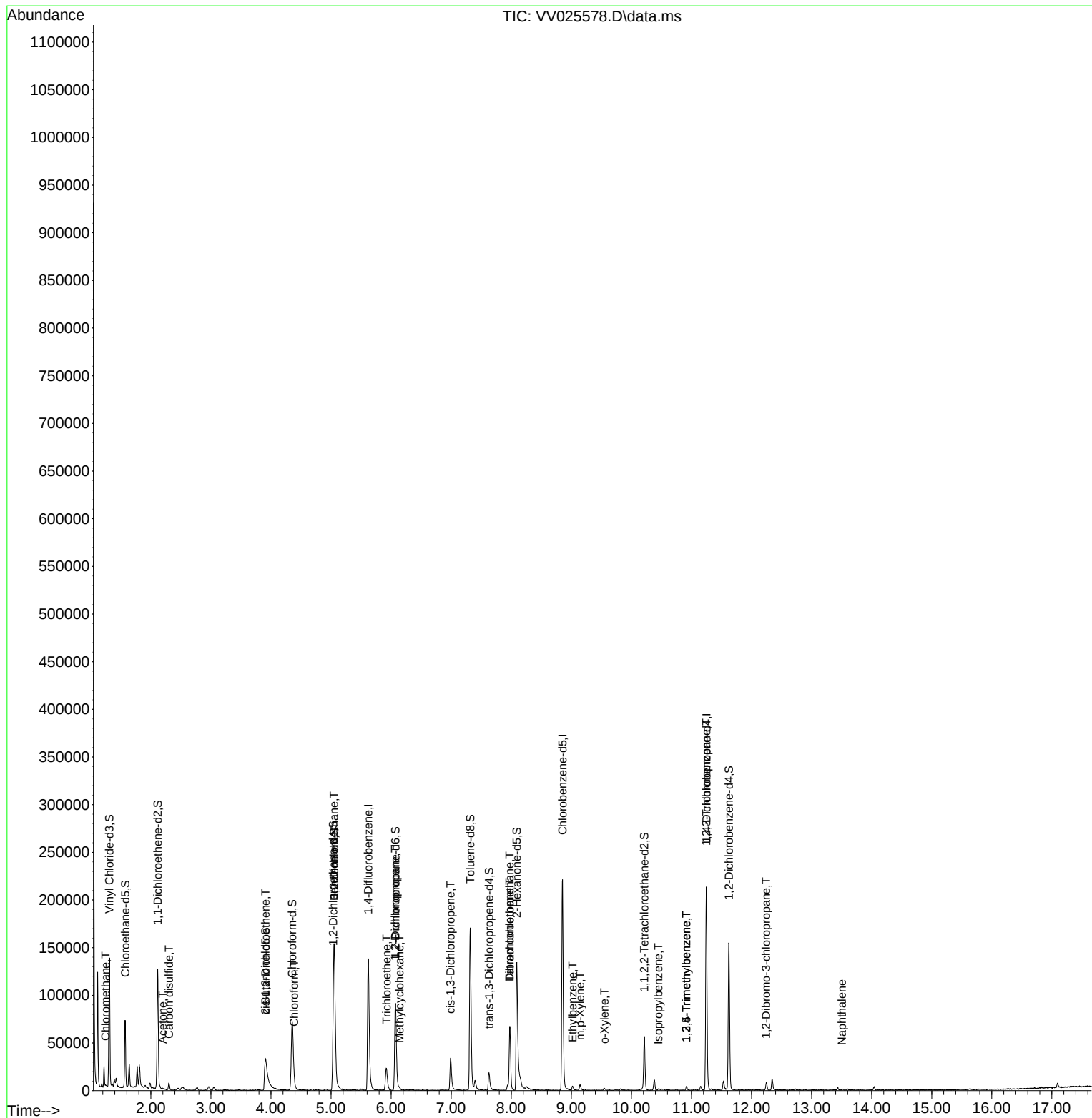
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2-Dibromo-3-chloropr...	12.243	75	251	0.412	ug/L #	2
71) Naphthalene	13.506	128	906	0.068	ug/L #	72

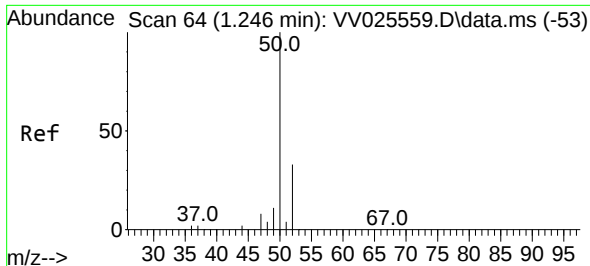
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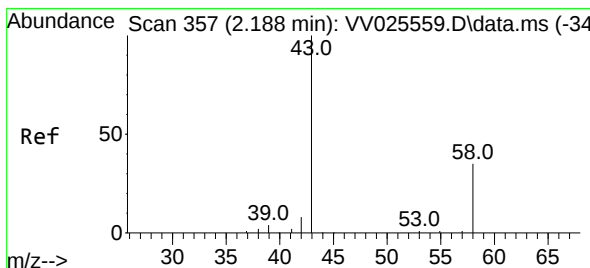
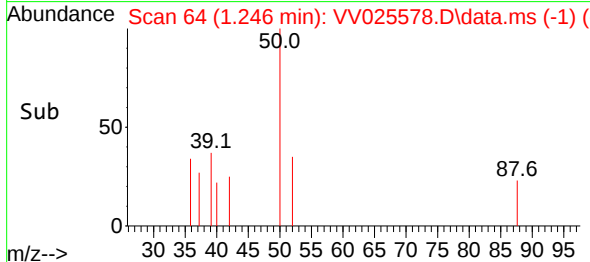
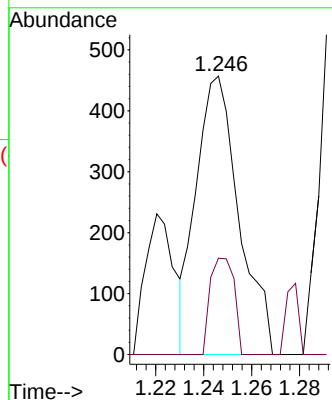
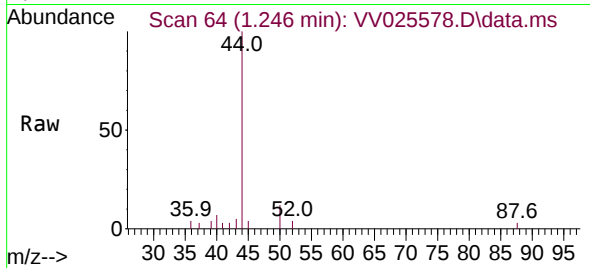




#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.246 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV025578.D
Acq: 15 Apr 2022 19:13

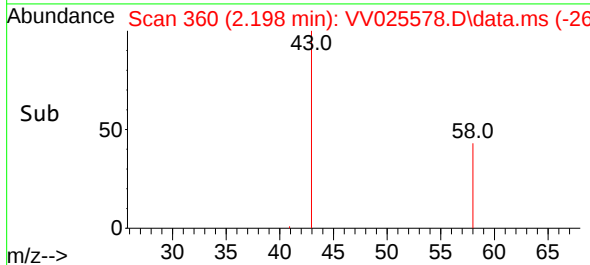
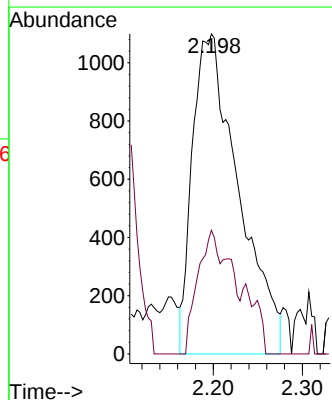
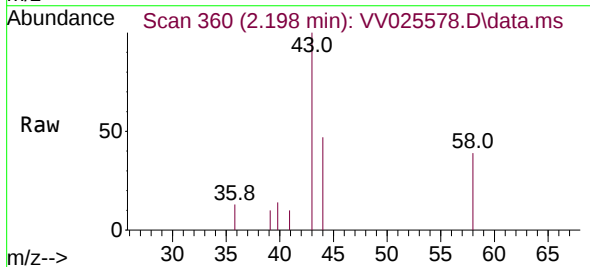
Instrument :
MSVOA_V
ClientSampleId :
EW6Q7

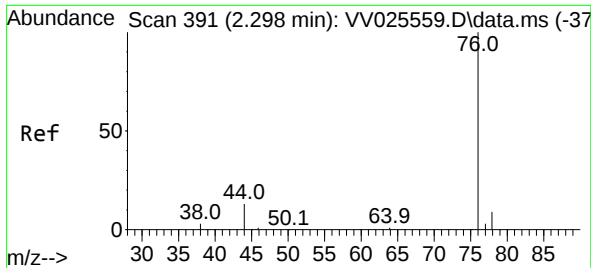
Tgt Ion: 50 Resp: 566
Ion Ratio Lower Upper
50 100
52 34.6 23.7 43.9



#13
Acetone
Concen: 4.246 ug/L
RT: 2.198 min Scan# 360
Delta R.T. 0.010 min
Lab File: VV025578.D
Acq: 15 Apr 2022 19:13

Tgt Ion: 43 Resp: 3947
Ion Ratio Lower Upper
43 100
58 17.6 0.0 72.2





#14

Carbon disulfide

Concen: 0.339 ug/L

RT: 2.301 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025578.D

Acq: 15 Apr 2022 19:13

Instrument :

MSVOA_V

ClientSampleId :

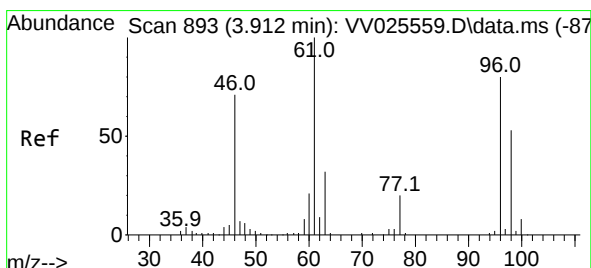
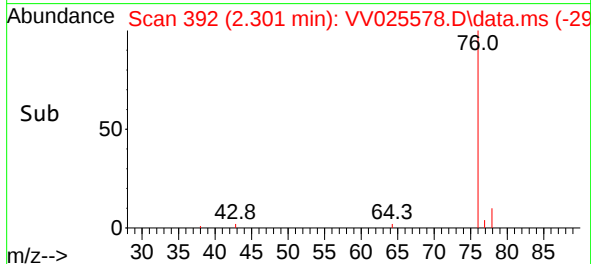
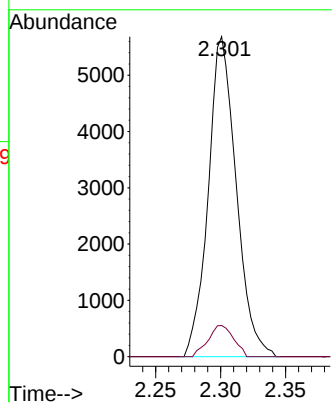
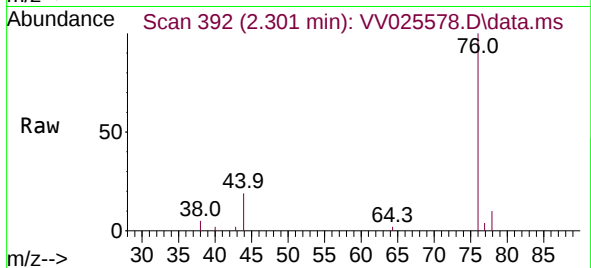
EW6Q7

Tgt Ion: 76 Resp: 8520

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9



#22

cis-1,2-Dichloroethene

Concen: 0.032 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.003 min

Lab File: VV025578.D

Acq: 15 Apr 2022 19:13

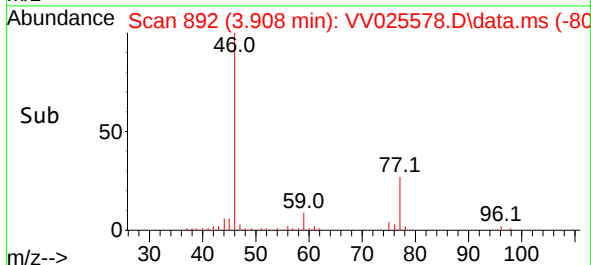
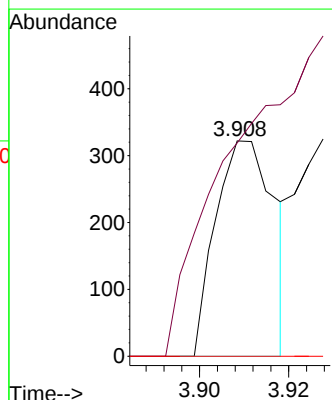
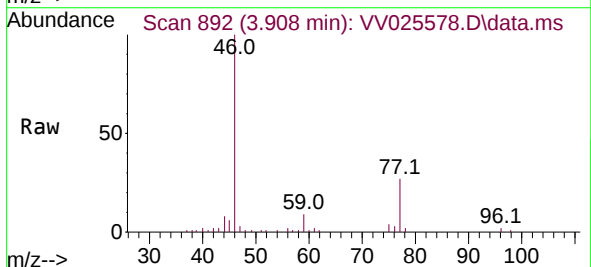
Tgt Ion: 96 Resp: 296

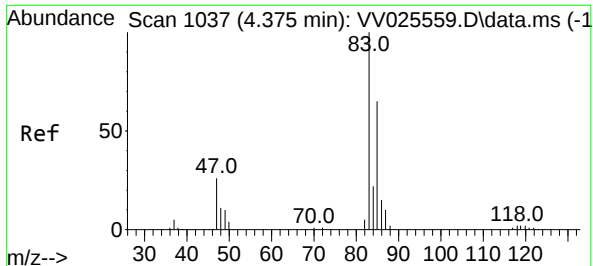
Ion Ratio Lower Upper

96 100

61 99.1 80.0 148.6

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.170 ug/L

RT: 4.384 min Scan# 1037

Delta R.T. 0.010 min

Lab File: VV025578.D

Acq: 15 Apr 2022 19:13

Instrument :

MSVOA_V

ClientSampleId :

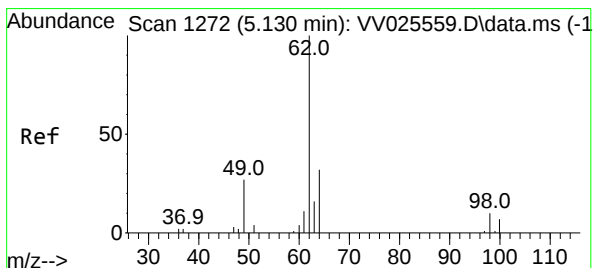
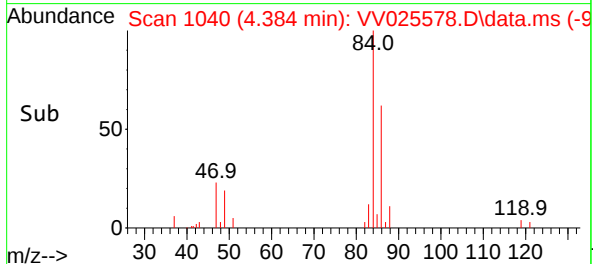
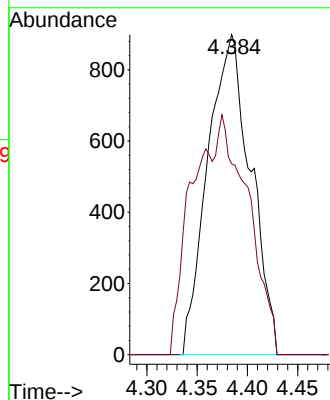
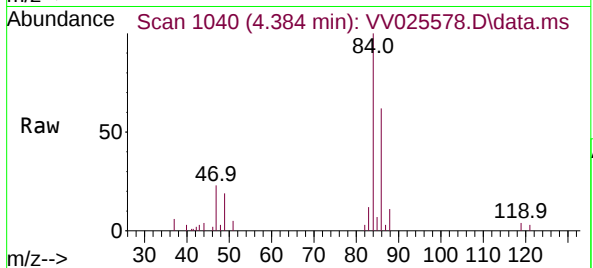
EW6Q7

Tgt Ion: 83 Resp: 2669

Ion Ratio Lower Upper

83 100

85 59.6 43.5 80.7



#27

1,2-Dichloroethane

Concen: 0.107 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.080 min

Lab File: VV025578.D

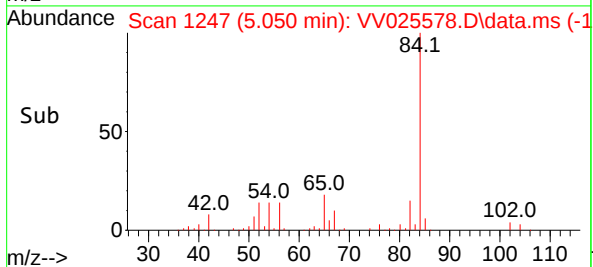
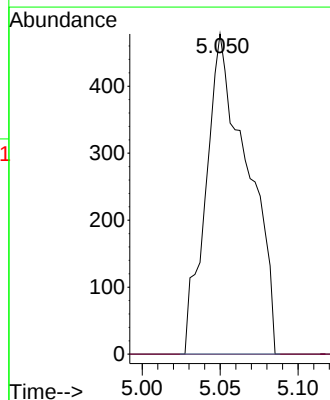
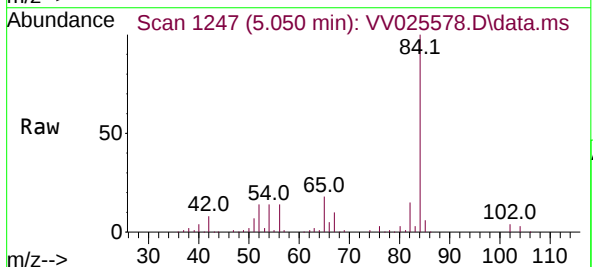
Acq: 15 Apr 2022 19:13

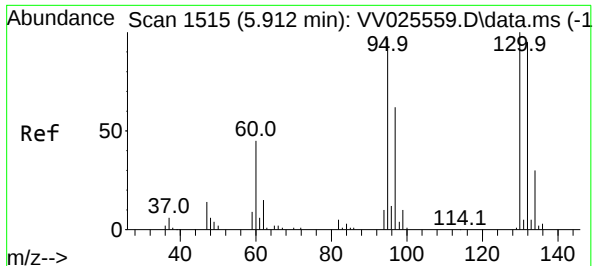
Tgt Ion: 62 Resp: 890

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#





#34

Trichloroethene

Concen: 0.787 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.013 min

Lab File: VV025578.D

Acq: 15 Apr 2022 19:13

Instrument :

MSVOA_V

ClientSampleId :

EW6Q7

Tgt Ion: 95 Resp: 7580

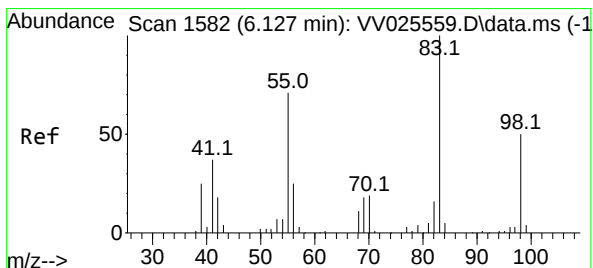
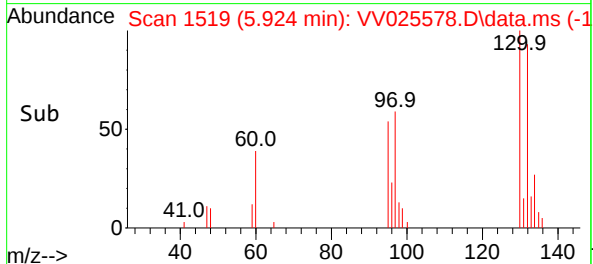
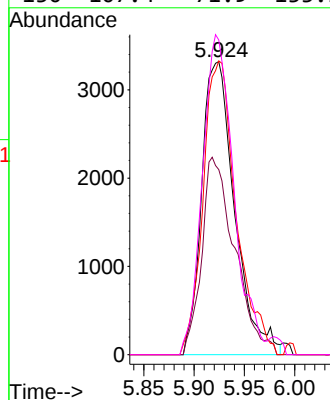
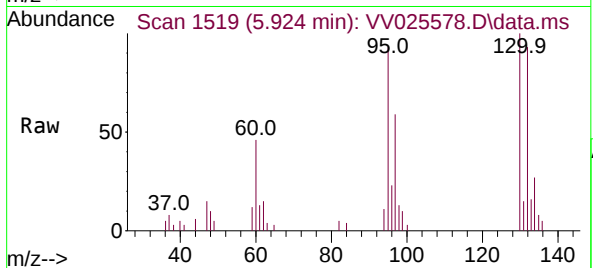
Ion Ratio Lower Upper

95 100

97 63.2 45.8 85.2

132 100.2 68.0 126.4

130 107.4 71.9 133.5



#35

Methylcyclohexane

Concen: 0.056 ug/L

RT: 6.140 min Scan# 1586

Delta R.T. 0.013 min

Lab File: VV025578.D

Acq: 15 Apr 2022 19:13

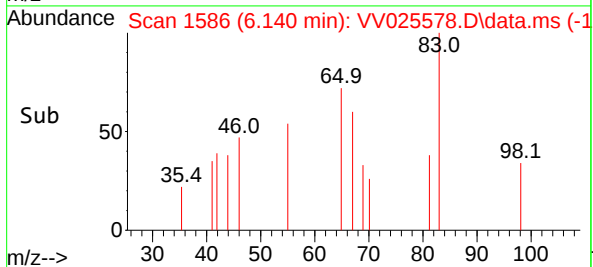
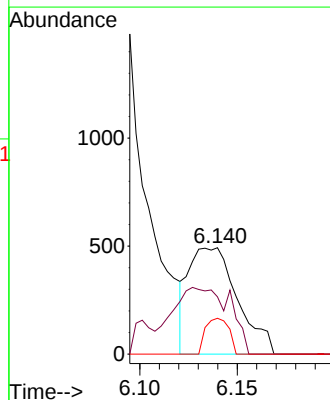
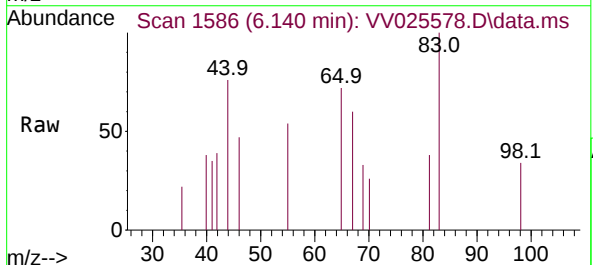
Tgt Ion: 83 Resp: 861

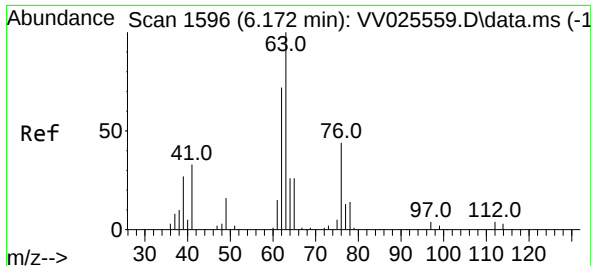
Ion Ratio Lower Upper

83 100

55 73.4 53.7 80.5

98 16.0 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.593 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.103 min

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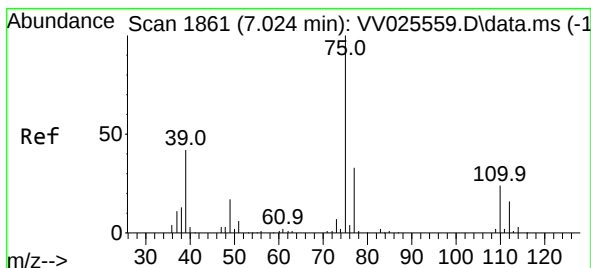
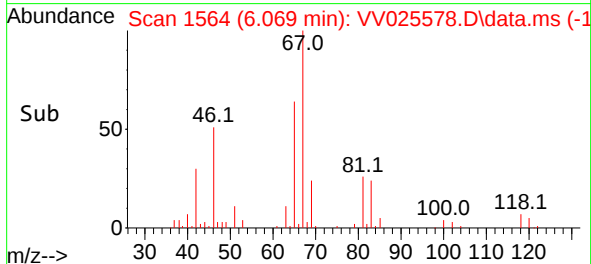
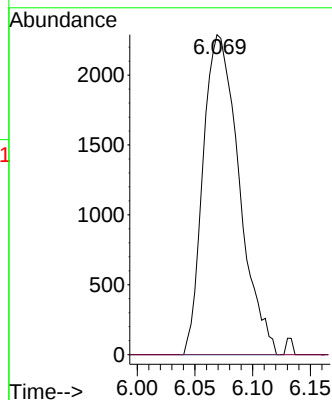
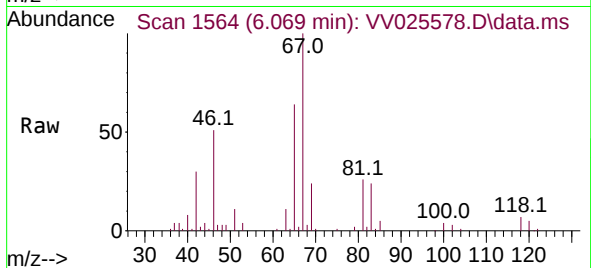
EW6Q7

Tgt Ion: 63 Resp: 4972

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV025578.D

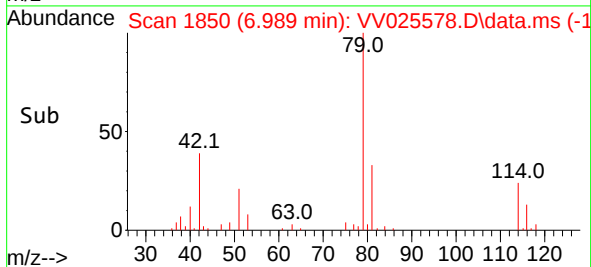
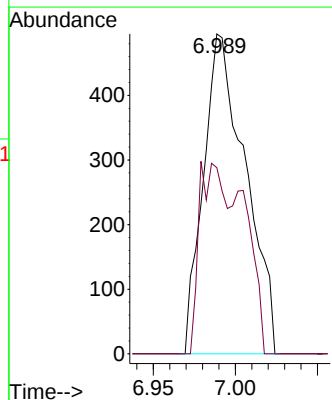
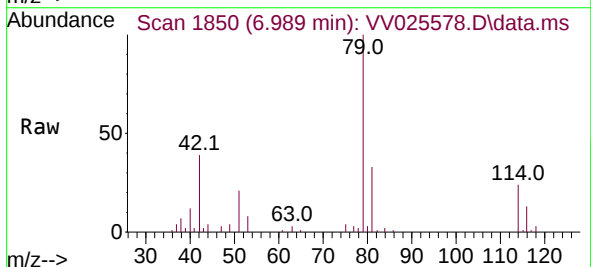
Acq: 15 Apr 2022 19:13

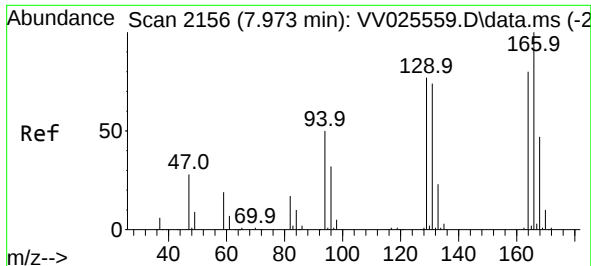
Tgt Ion: 75 Resp: 881

Ion Ratio Lower Upper

75 100

77 58.2 21.8 40.6#





#47

Tetrachloroethene

Concen: 1.893 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025578.D

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Tgt Ion:164 Resp: 14269

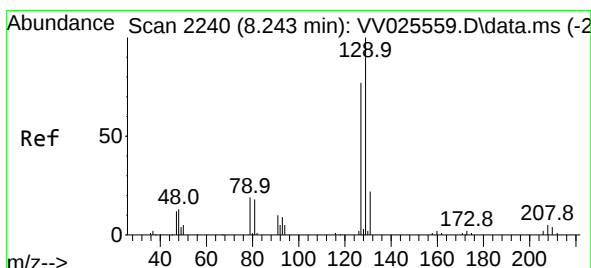
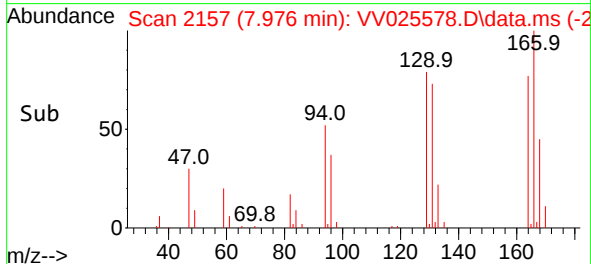
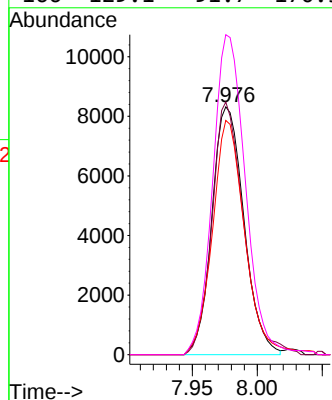
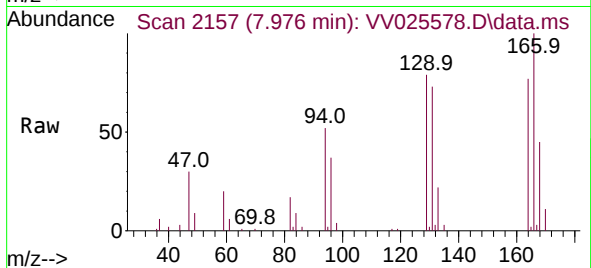
Ion Ratio Lower Upper

164 100

129 101.9 66.8 124.2

131 94.5 66.4 123.4

166 129.1 91.7 170.3



#49

Dibromochloromethane

Concen: 2.312 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025578.D

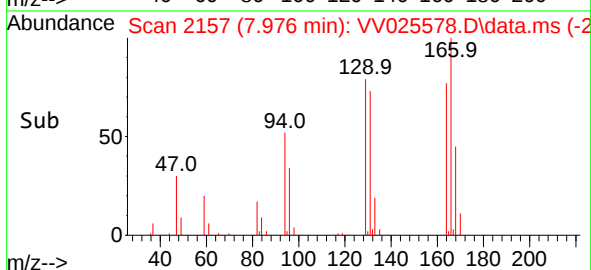
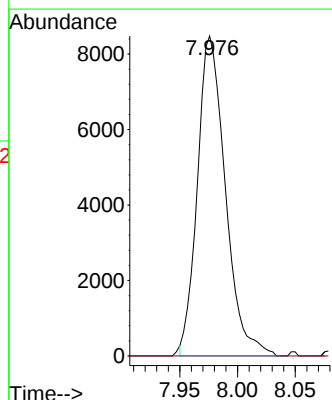
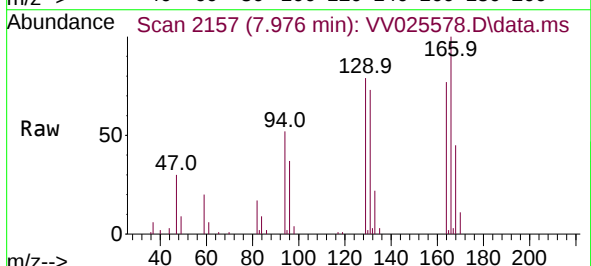
Acq: 15 Apr 2022 19:13

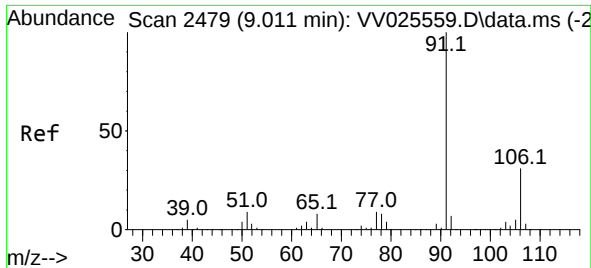
Tgt Ion:129 Resp: 14260

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#





#52

Ethylbenzene

Concen: 0.080 ug/L

RT: 9.021 min Scan# 2479

Delta R.T. 0.010 min

Lab File: VV025578.D

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ClientSampleId :

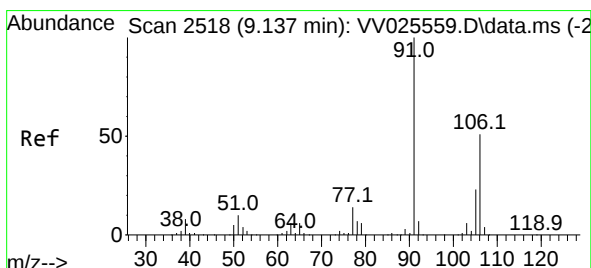
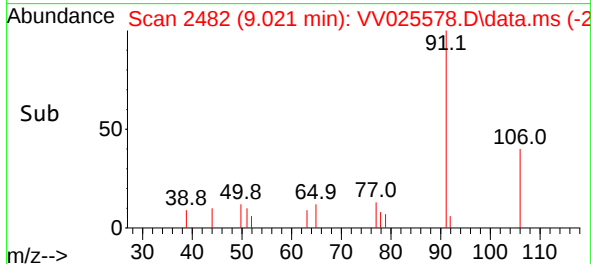
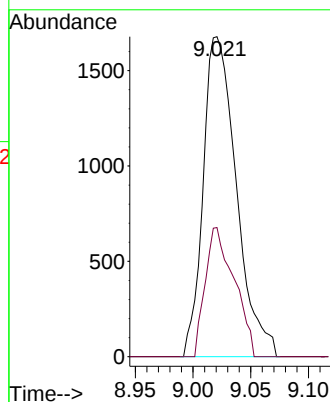
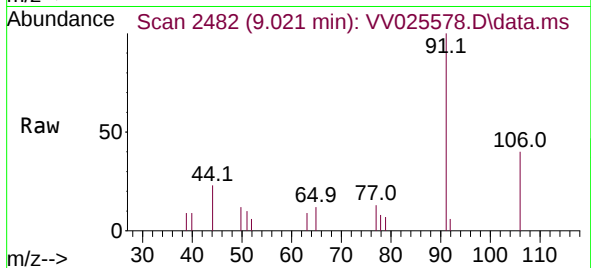
EW6Q7

Tgt Ion: 91 Resp: 3358

Ion Ratio Lower Upper

91 100

106 40.3 22.3 41.3



#53

m,p-Xylene

Concen: 0.136 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV025578.D

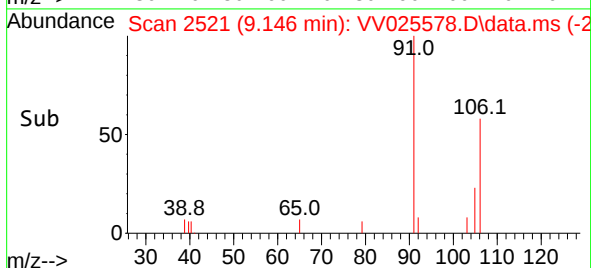
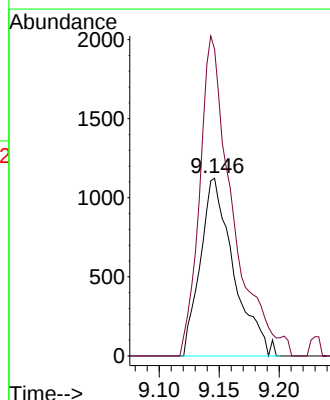
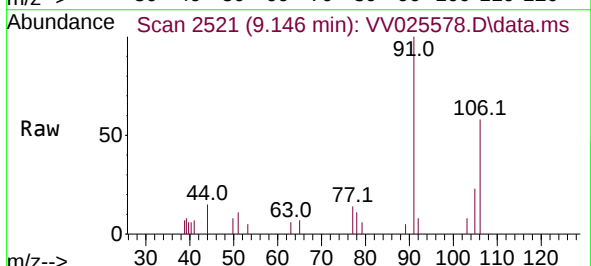
Acq: 15 Apr 2022 19:13

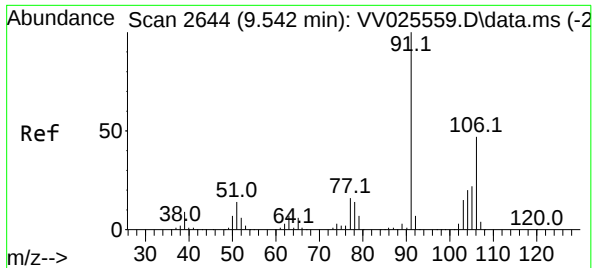
Tgt Ion: 106 Resp: 2172

Ion Ratio Lower Upper

106 100

91 172.5 136.4 253.4

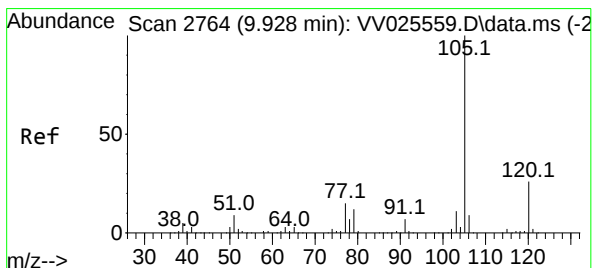
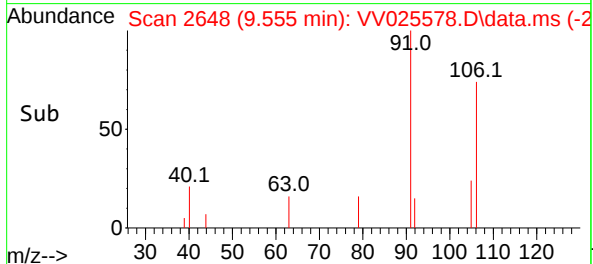
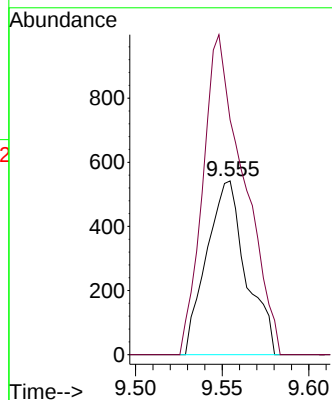
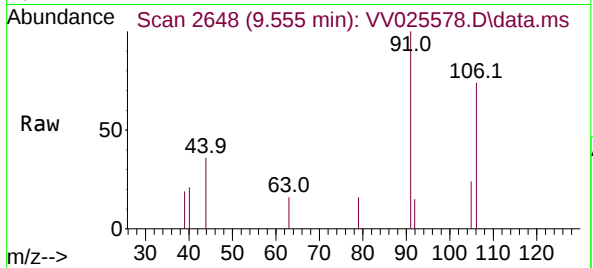




#54
o-Xylene
Concen: 0.055 ug/L
RT: 9.555 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV025578.D
Acq: 15 Apr 2022 19:13

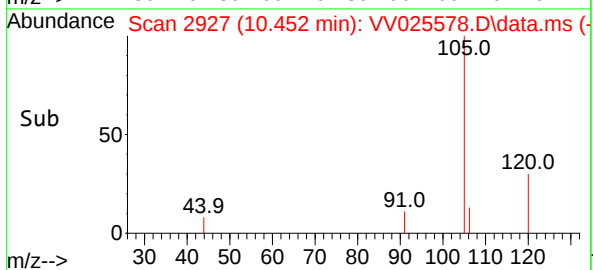
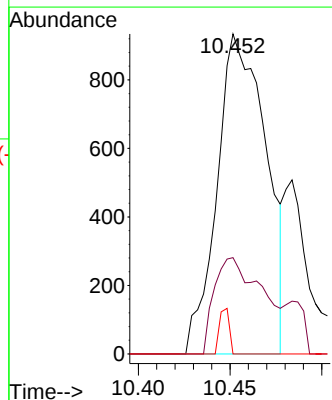
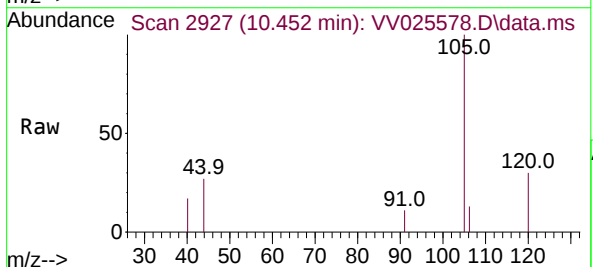
Instrument :
MSVOA_V
ClientSampleId :
EW6Q7

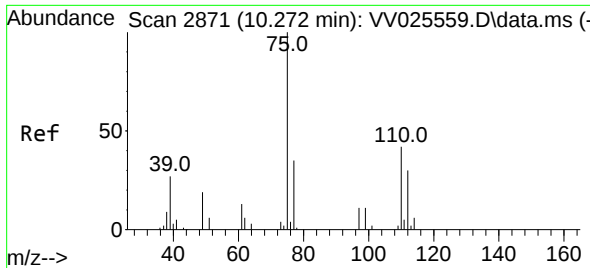
Tgt Ion:106 Resp: 857
Ion Ratio Lower Upper
106 100
91 135.1 150.4 279.2#



#60
Isopropylbenzene
Concen: 0.052 ug/L
RT: 10.452 min Scan# 2927
Delta R.T. 0.524 min
Lab File: VV025578.D
Acq: 15 Apr 2022 19:13

Tgt Ion:105 Resp: 1733
Ion Ratio Lower Upper
105 100
120 29.5 21.2 31.8
77 15.7 12.2 18.2

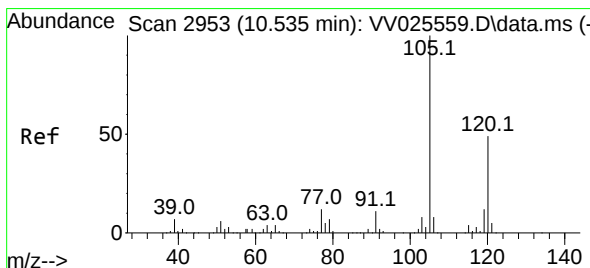
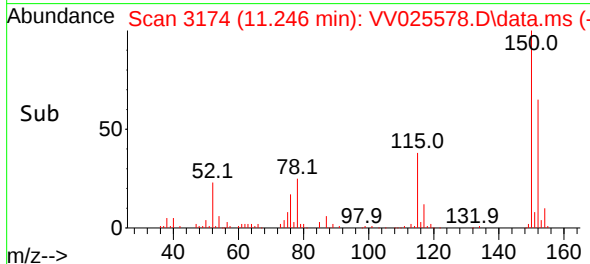
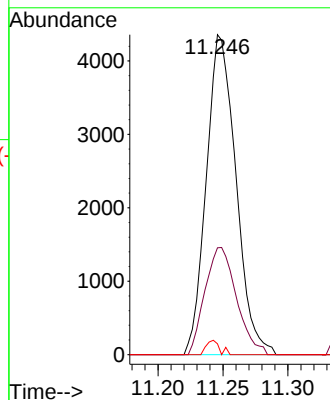
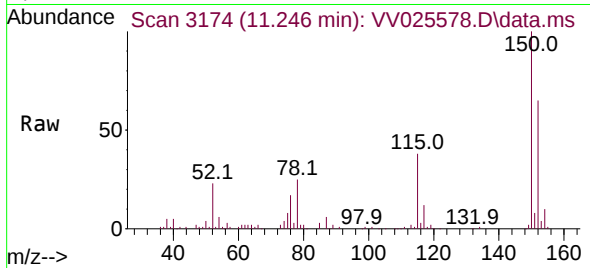




#61
1,2,3-Trichloropropane
Concen: 1.958 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025578.D
Acq: 15 Apr 2022 19:13

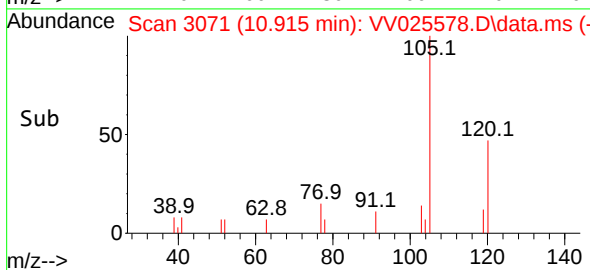
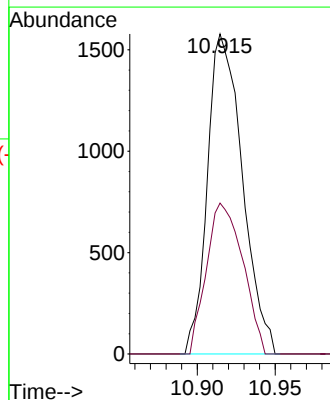
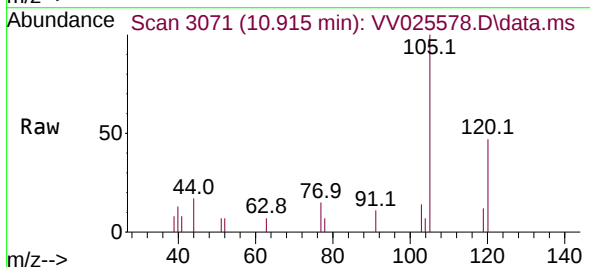
Instrument :
MSVOA_V
ClientSampleId :
EW6Q7

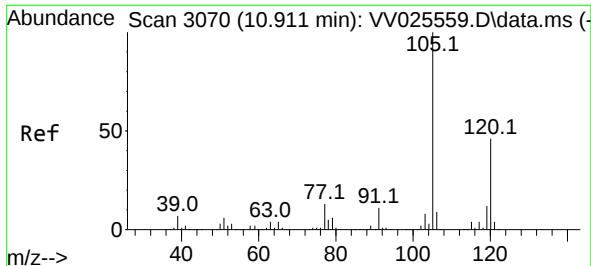
Tgt Ion: 75 Resp: 6906
Ion Ratio Lower Upper
75 100
77 35.7 25.6 38.4
110 2.0 34.7 52.1#



#62
1,3,5-Trimethylbenzene
Concen: 0.166 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.379 min
Lab File: VV025578.D
Acq: 15 Apr 2022 19:13

Tgt Ion: 105 Resp: 2458
Ion Ratio Lower Upper
105 100
120 49.0 39.6 59.4

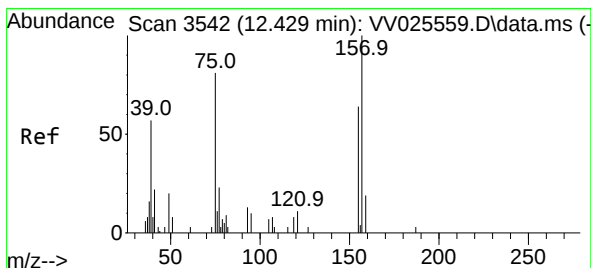
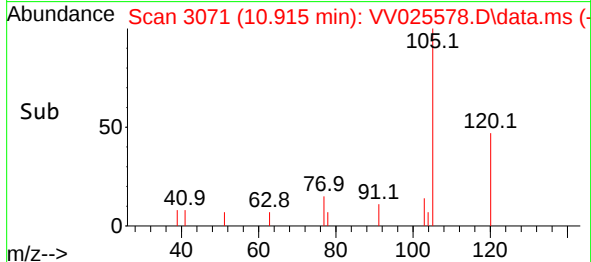
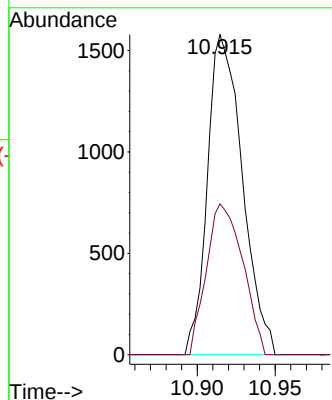
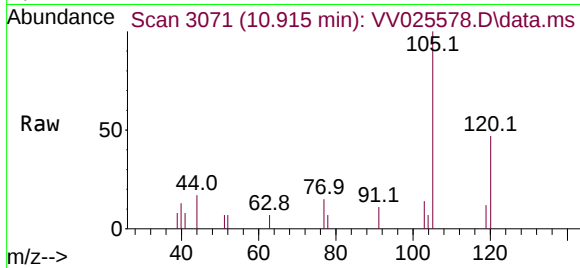




#63
1,2,4-Trimethylbenzene
Concen: 0.092 ug/L
RT: 10.915 min Scan# 3070
Delta R.T. 0.003 min
Lab File: VV025578.D
Acq: 15 Apr 2022 19:13

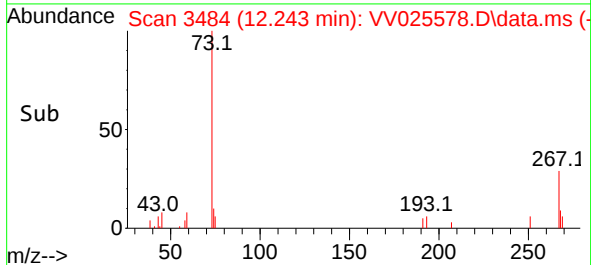
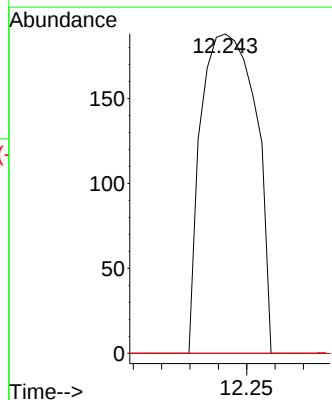
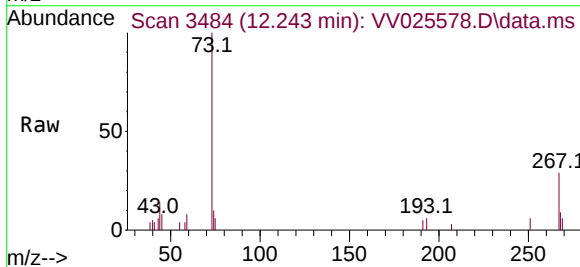
Instrument :
MSVOA_V
ClientSampleId :
EW6Q7

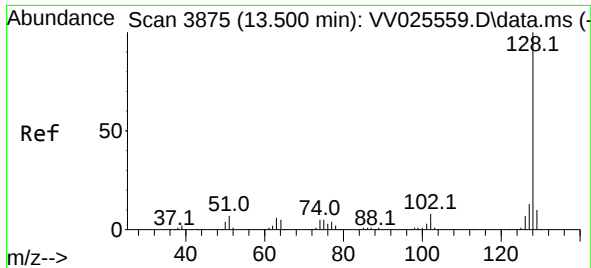
Tgt Ion:105 Resp: 2458
Ion Ratio Lower Upper
105 100
120 49.0 36.6 55.0



#68
1,2-Dibromo-3-chloropropane
Concen: 0.412 ug/L
RT: 12.243 min Scan# 3484
Delta R.T. -0.187 min
Lab File: VV025578.D
Acq: 15 Apr 2022 19:13

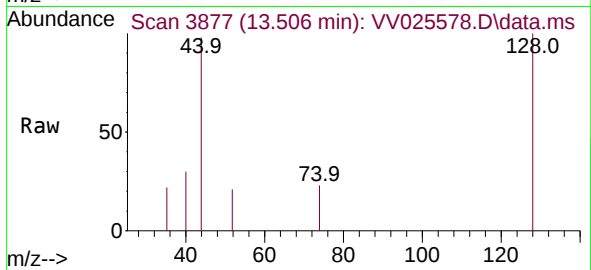
Tgt Ion: 75 Resp: 251
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.8#
157 0.0 86.6 130.0#





#71
Naphthalene
Concen: 0.068 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV025578.D
Acq: 15 Apr 2022 19:13

Instrument :
MSVOA_V
ClientSampleId :
EW6Q7



Tgt Ion:	128	Resp:	906
Ion	Ratio	Lower	Upper
128	100		
129	2.2	8.8	13.2#
127	0.0	10.4	15.6#

