

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025136.D
 Acq On : 23 Mar 2022 16:43
 Operator : SY/MD
 Sample : N2083-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Z5

Quant Time: Mar 24 01:17:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

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

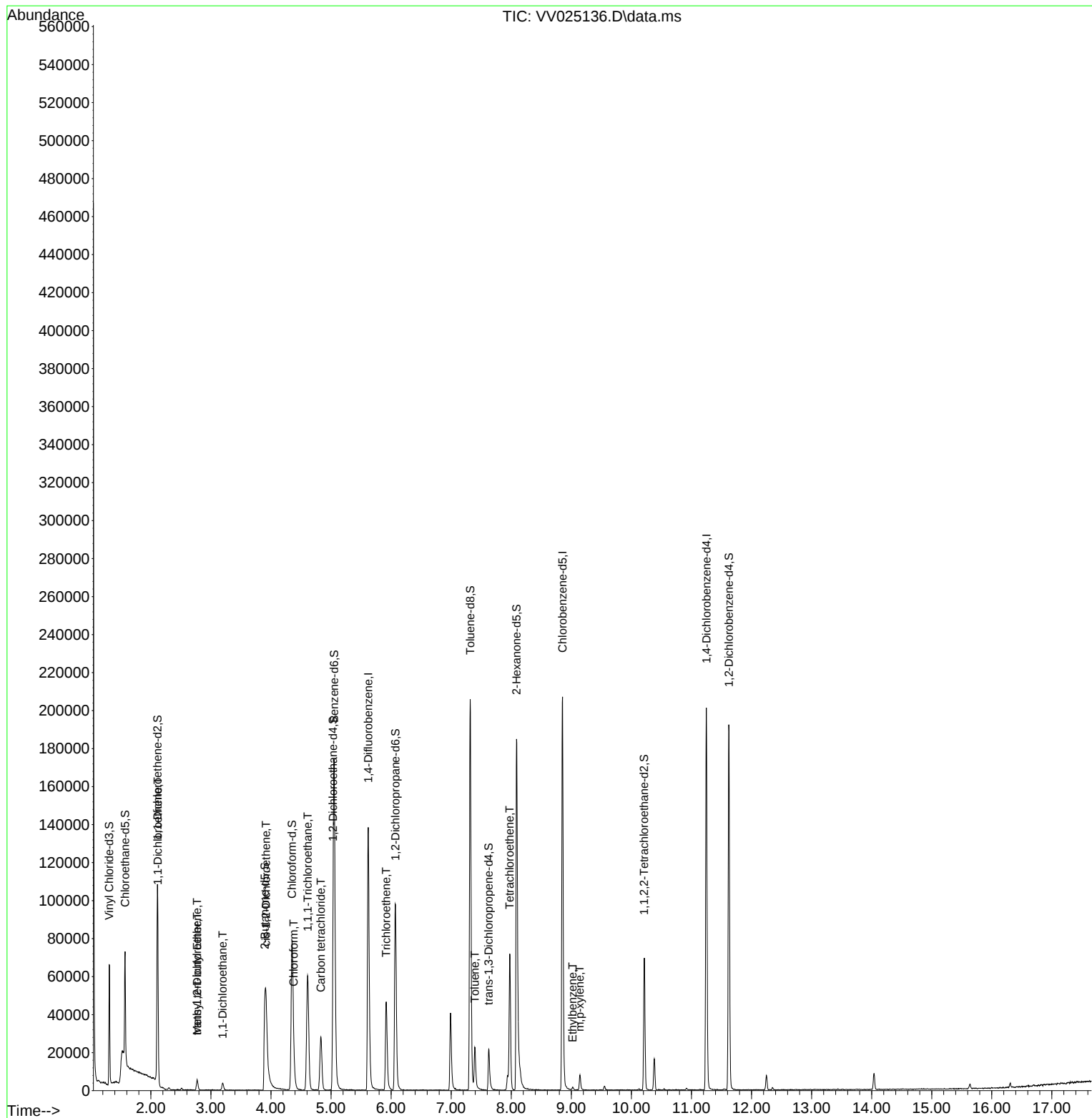
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125230	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	118596	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53621	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40408	4.087	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.571	69	35549	4.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.111	63	53881	3.372	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	3.899	46	85340	71.423	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	142.840%#
24) Chloroform-d	4.349	84	84979	5.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.034	65	38258	5.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
32) Benzene-d6	5.053	84	168306	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.072	67	52733	5.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.317	98	141479	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.625	79	14593	4.231	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.088	63	70234	59.705	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35223	6.052	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.000%#
66) 1,2-Dichlorobenzene-d4	11.625	152	49130	5.412	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.117	96	1122	0.141	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	4010	0.231	ug/L	97
18) trans-1,2-Dichloroethene	2.770	96	1009	0.105	ug/L	81
19) 1,1-Dichloroethane	3.195	63	4336	0.265	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	12929	1.334	ug/L	96
25) Chloroform	4.378	83	8564	0.503	ug/L	99
29) 1,1,1-Trichloroethane	4.612	97	51178	3.384	ug/L	99
31) Carbon tetrachloride	4.831	117	22056	1.700	ug/L	100
34) Trichloroethene	5.918	95	18300	1.782	ug/L	98
42) Toluene	7.394	91	18962	0.470	ug/L	96
47) Tetrachloroethene	7.976	164	15926	2.204	ug/L	96
52) Ethylbenzene	9.021	91	1908	0.045	ug/L	92
53) m,p-xylene	9.140	106	2591	0.158	ug/L	95

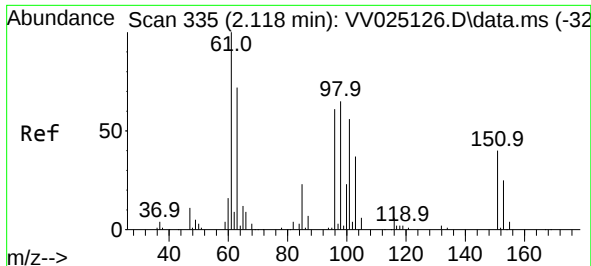
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.141 ug/L

RT: 2.117 min Scan# 311

Delta R.T. -0.000 min

Lab File: VV025136.D

Acq: 23 Mar 2022 16:43

Instrument :

MSVOA_V

ClientSampleId :

EW5Z5

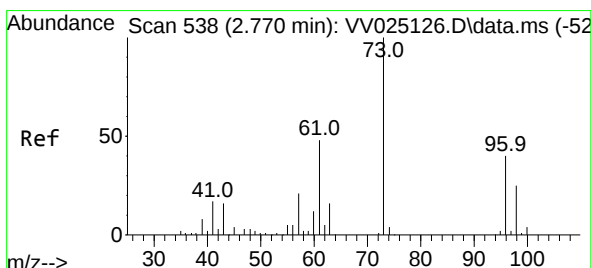
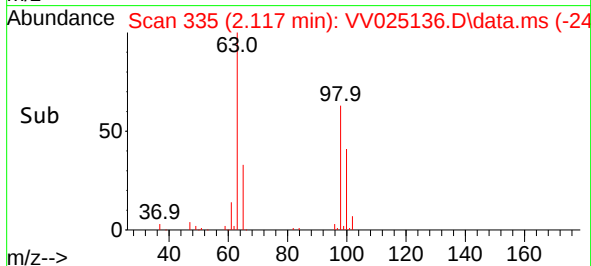
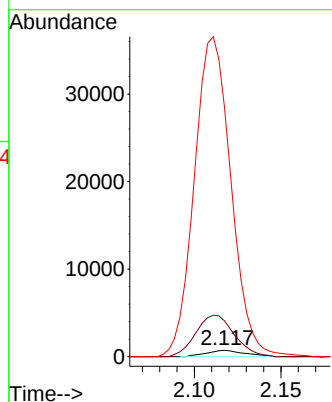
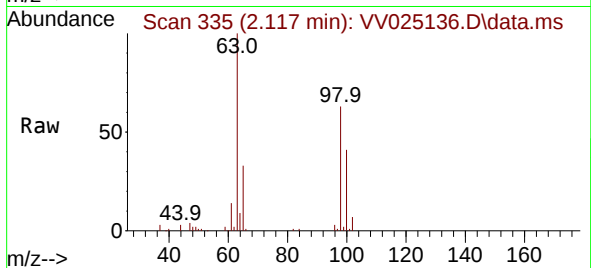
Tgt Ion: 96 Resp: 1122

Ion Ratio Lower Upper

96 100

61 563.5 113.0 209.9#

63 3915.3 82.1 152.5#



#17

Methyl tert-butyl Ether

Concen: 0.231 ug/L

RT: 2.770 min Scan# 538

Delta R.T. -0.000 min

Lab File: VV025136.D

Acq: 23 Mar 2022 16:43

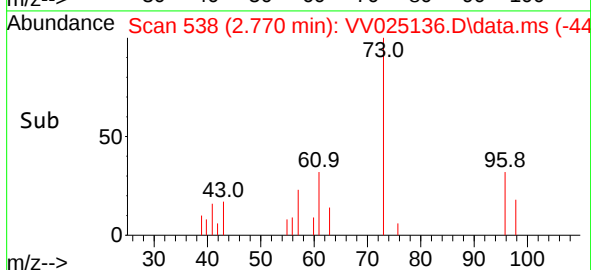
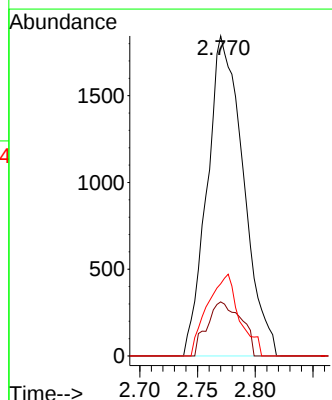
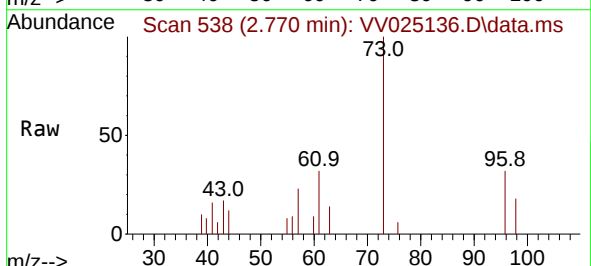
Tgt Ion: 73 Resp: 4010

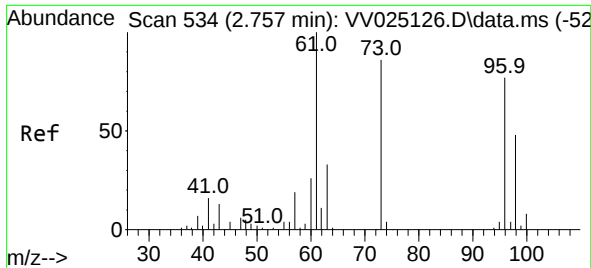
Ion Ratio Lower Upper

73 100

43 15.9 13.2 19.8

57 22.6 16.7 25.1

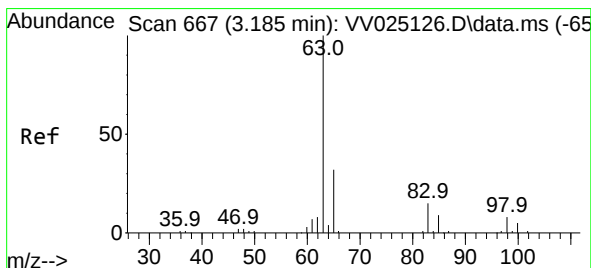
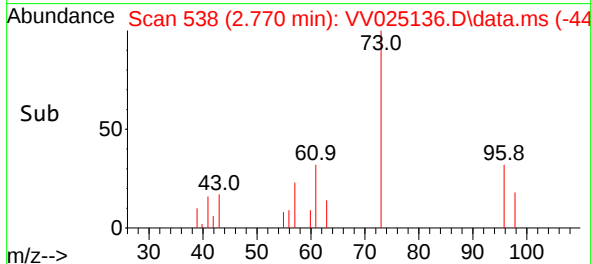
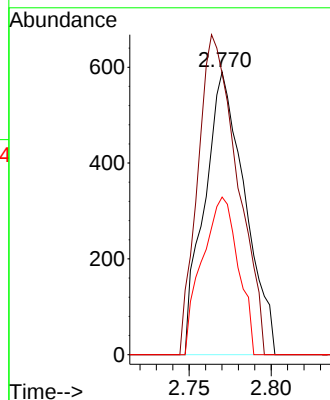
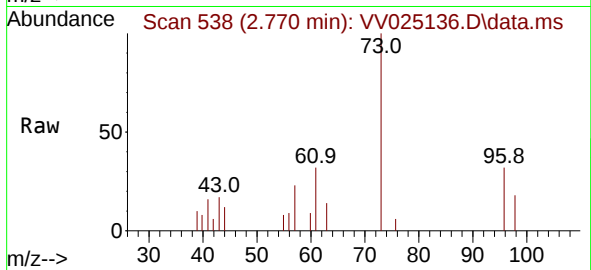




#18
trans-1,2-Dichloroethene
Concen: 0.105 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.013 min
Lab File: VV025136.D
Acq: 23 Mar 2022 16:43

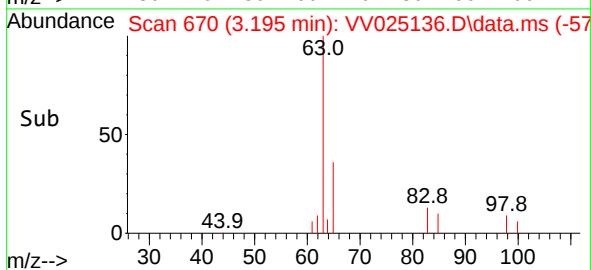
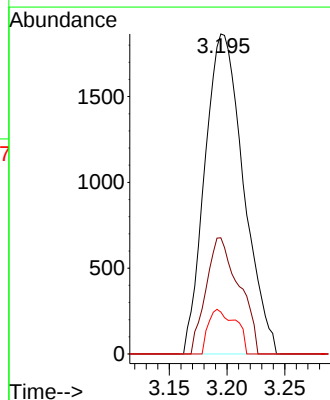
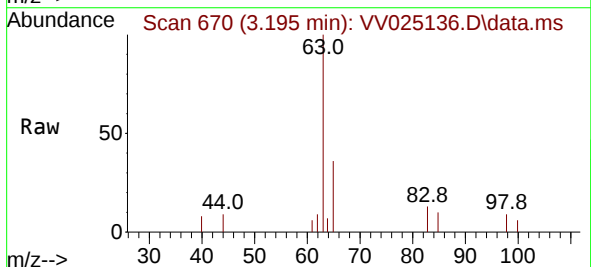
Instrument :
MSVOA_V
ClientSampleId :
EW5Z5

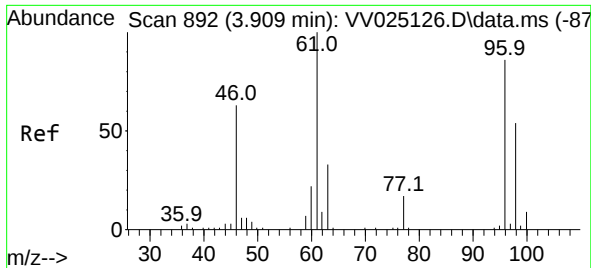
Tgt Ion: 96 Resp: 1009
Ion Ratio Lower Upper
96 100
61 99.5 89.2 165.6
98 55.8 43.9 81.5



#19
1,1-Dichloroethane
Concen: 0.265 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.009 min
Lab File: VV025136.D
Acq: 23 Mar 2022 16:43

Tgt Ion: 63 Resp: 4336
Ion Ratio Lower Upper
63 100
65 34.0 22.2 41.2
83 12.3 9.4 17.4

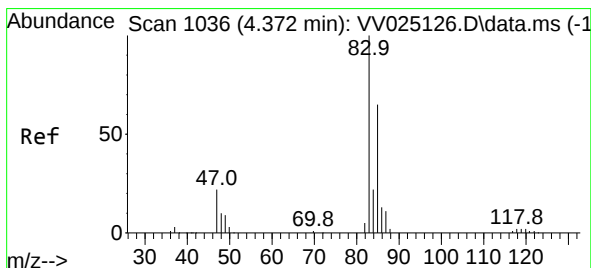
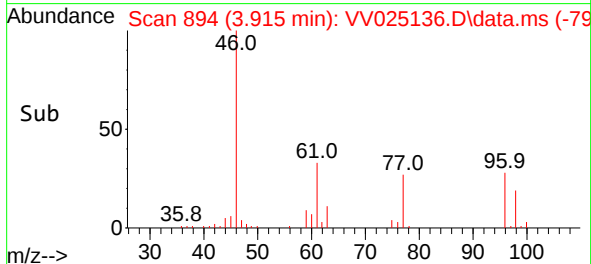
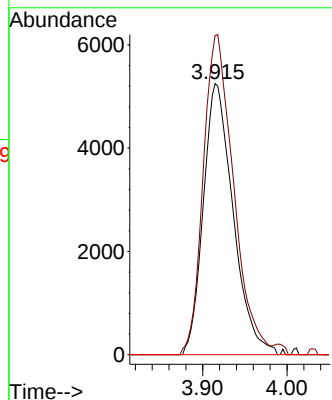
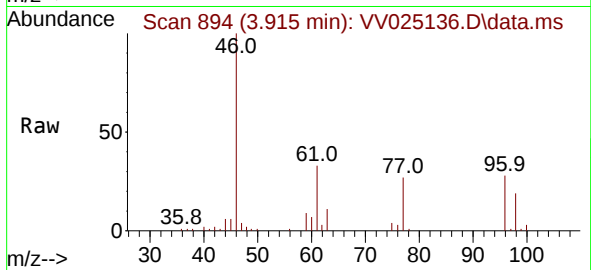




#22
 cis-1,2-Dichloroethene
 Concen: 1.334 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV025136.D
 Acq: 23 Mar 2022 16:43

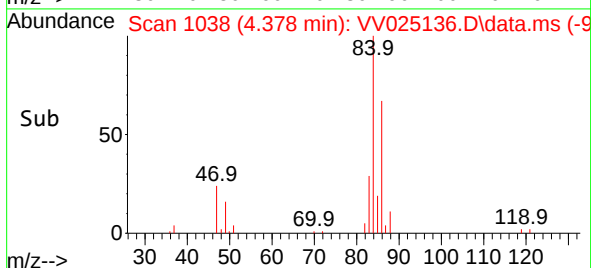
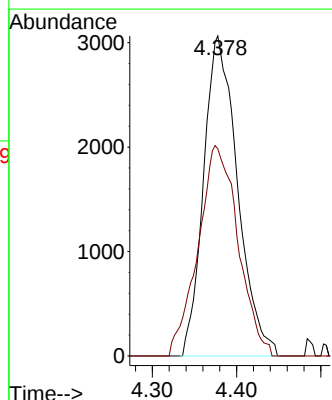
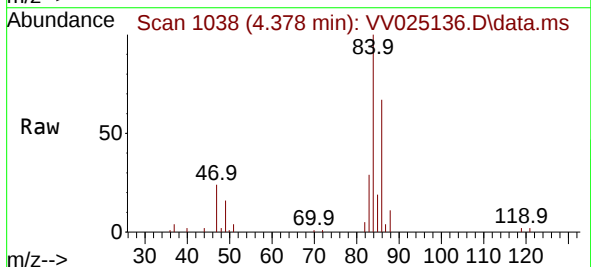
Instrument :
 MSVOA_V
 ClientSampleId :
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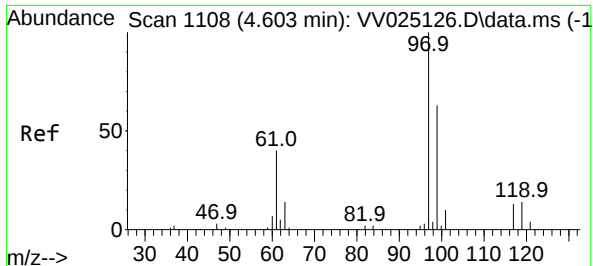
Tgt Ion: 96 Resp: 12929
 Ion Ratio Lower Upper
 96 100
 61 117.7 79.7 147.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.503 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.006 min
 Lab File: VV025136.D
 Acq: 23 Mar 2022 16:43

Tgt Ion: 83 Resp: 8564
 Ion Ratio Lower Upper
 83 100
 85 64.8 44.5 82.7





#29

1,1,1-Trichloroethane

Concen: 3.384 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.009 min

Lab File: VV025136.D

Acq: 23 Mar 2022 16:43

Instrument :

MSVOA_V

ClientSampleId :

EW5Z5

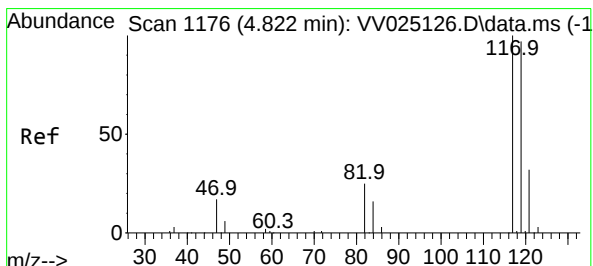
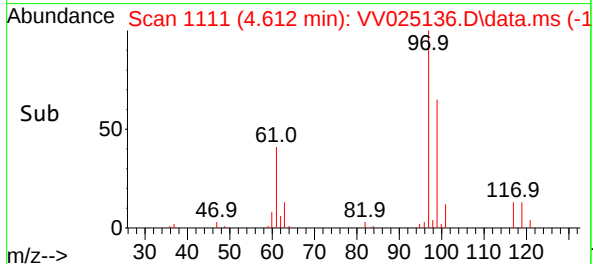
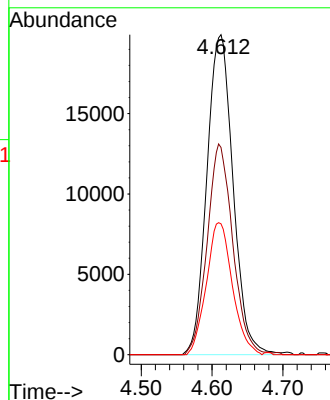
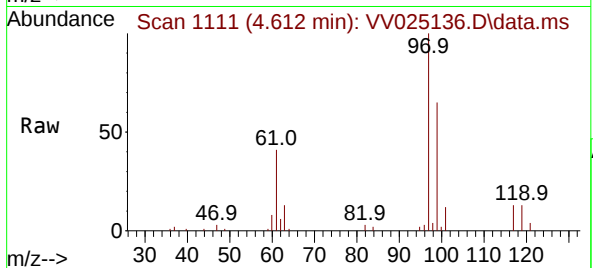
Tgt Ion: 97 Resp: 51178

Ion Ratio Lower Upper

97 100

99 64.4 50.7 76.1

61 40.9 32.4 48.6



#31

Carbon tetrachloride

Concen: 1.700 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. 0.009 min

Lab File: VV025136.D

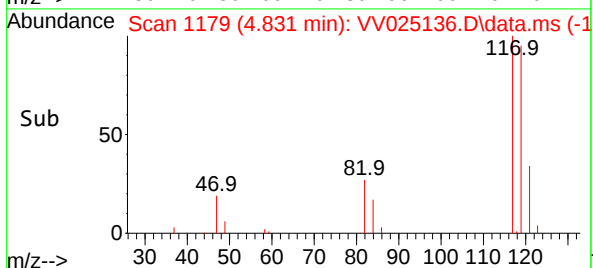
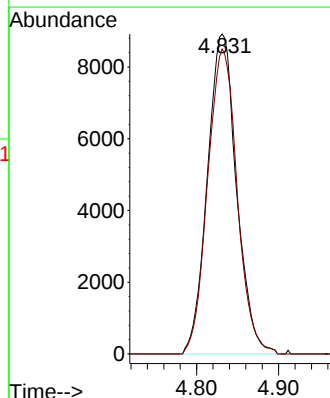
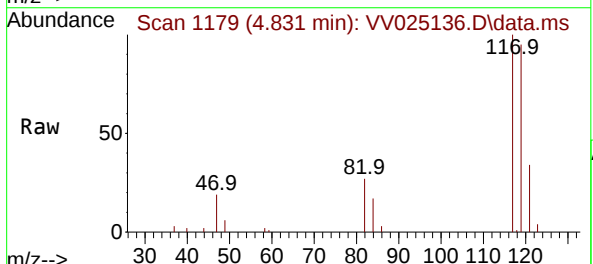
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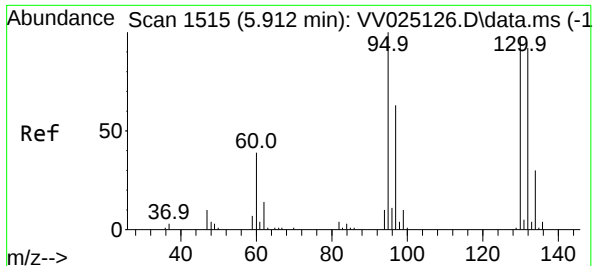
Tgt Ion: 117 Resp: 22056

Ion Ratio Lower Upper

117 100

119 96.3 76.8 115.2

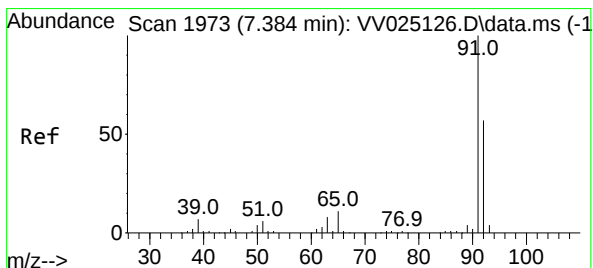
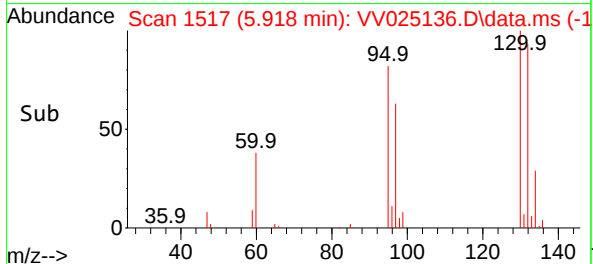
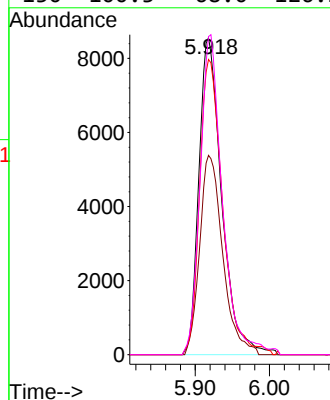
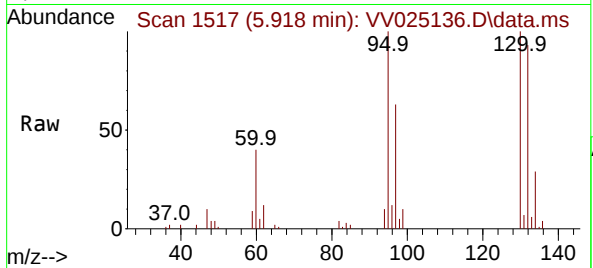




#34
 Trichloroethene
 Concen: 1.782 ug/L
 RT: 5.918 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VV025136.D
 Acq: 23 Mar 2022 16:43

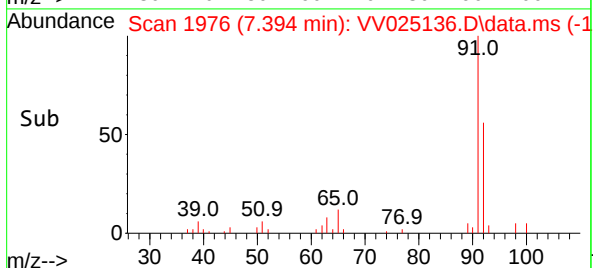
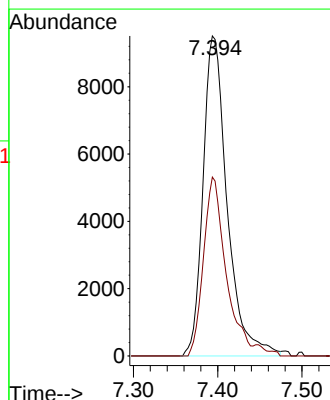
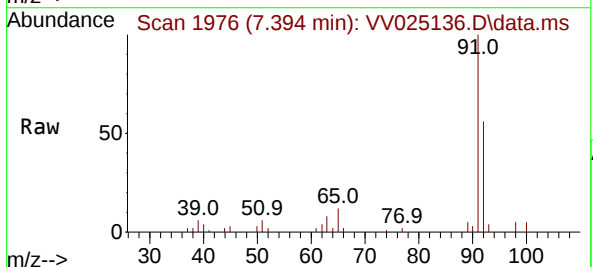
Instrument :
 MSVOA_V
 ClientSampleId :
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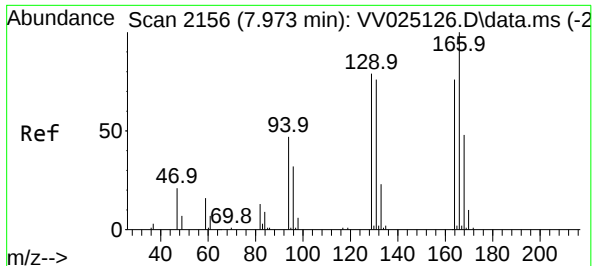
Tgt Ion: 95 Resp: 18300
 Ion Ratio Lower Upper
 95 100
 97 62.9 44.5 82.7
 132 93.1 66.5 123.5
 130 100.3 68.0 126.2



#42
 Toluene
 Concen: 0.470 ug/L
 RT: 7.394 min Scan# 1976
 Delta R.T. 0.009 min
 Lab File: VV025136.D
 Acq: 23 Mar 2022 16:43

Tgt Ion: 91 Resp: 18962
 Ion Ratio Lower Upper
 91 100
 92 55.9 41.2 76.4





#47

Tetrachloroethene

Concen: 2.204 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV025136.D

Acq: 23 Mar 2022 16:43

Instrument :

MSVOA_V

ClientSampleId :

EW5Z5

Tgt Ion:164 Resp: 15926

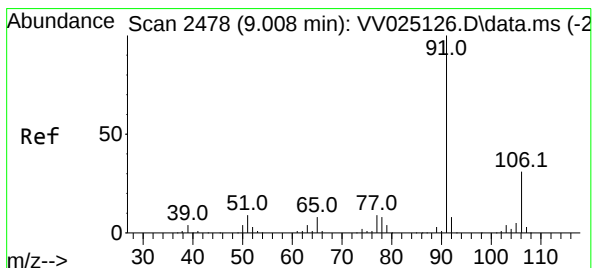
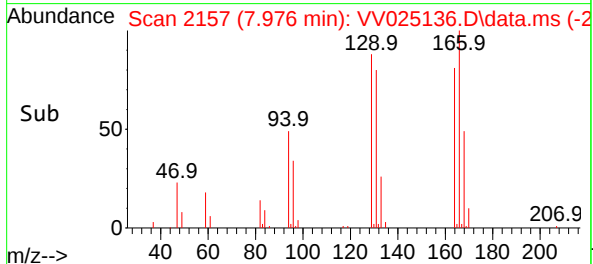
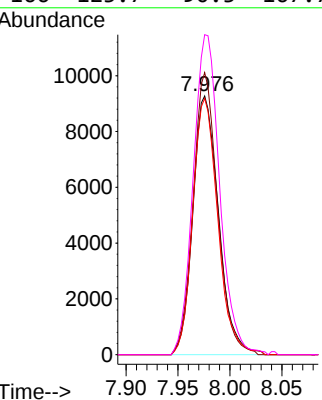
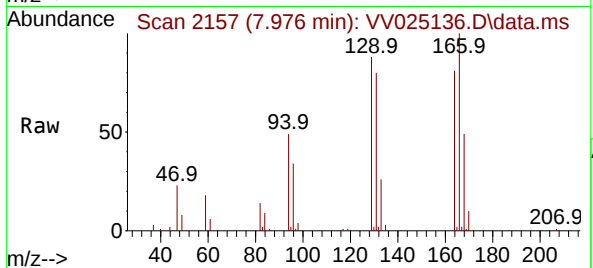
Ion Ratio Lower Upper

164 100

129 109.0 70.3 130.7

131 99.1 69.4 129.0

166 123.7 90.3 167.7



#52

Ethylbenzene

Concen: 0.045 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.013 min

Lab File: VV025136.D

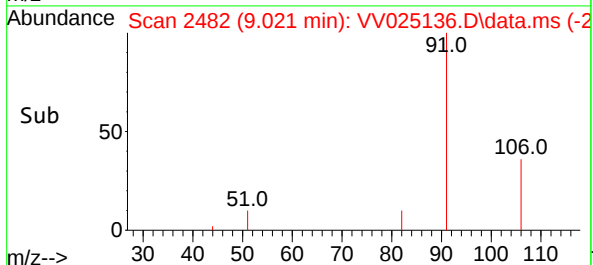
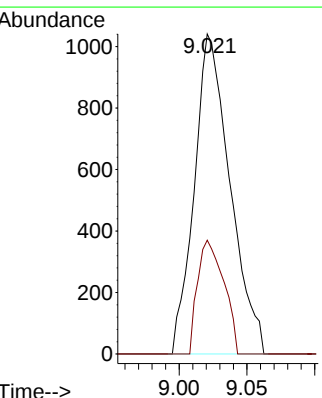
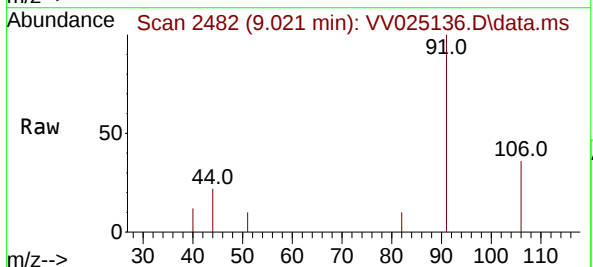
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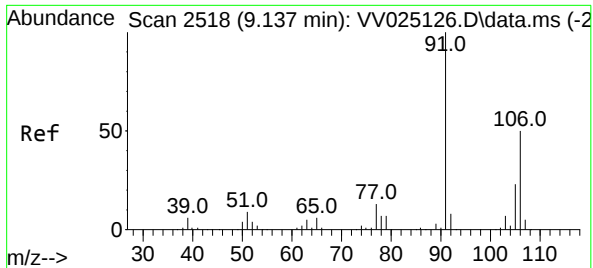
Tgt Ion: 91 Resp: 1908

Ion Ratio Lower Upper

91 100

106 35.5 21.9 40.7





#53
 m,p-xylene
 Concen: 0.158 ug/L
 RT: 9.140 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV025136.D
 Acq: 23 Mar 2022 16:43

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Z5

Tgt Ion:106 Resp: 2591
 Ion Ratio Lower Upper
 106 100
 91 196.6 143.4 266.4

