

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042022\
 Data File : VW025650.D
 Acq On : 20 Apr 2022 16:47
 Operator : SY/MD
 Sample : N2492-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6T9

Quant Time: Apr 21 06:44:16 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	131983	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	134180	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57574	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	49109	4.002	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.574	69	51392	3.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.114	63	77510	3.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	3.899	46	90669	60.746	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.500%
24) Chloroform-d	4.352	84	95244	5.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.037	65	45711	5.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.400%
32) Benzene-d6	5.053	84	186397	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.069	67	59311	5.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.600%
41) Toluene-d8	7.317	98	152860	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.625	79	17711	4.867	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.088	63	73849	57.819	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34562	5.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	52107	5.398	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	714	0.055	ug/L #	82
12) 1,1-Dichloroethene	2.117	96	1227	0.107	ug/L #	1
13) Acetone	2.188	43	5521	5.450	ug/L	86
14) Carbon disulfide	2.304	76	1830	0.067	ug/L #	80
15) Methyl Acetate	2.436	43	1522	0.676	ug/L #	43
22) cis-1,2-Dichloroethene	3.908	96	594	0.059	ug/L	93
25) Chloroform	4.381	83	3407	0.199	ug/L	93
34) Trichloroethene	5.915	95	116211	11.042	ug/L	98
37) 1,2-Dichloropropane	6.072	63	7045	0.768	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1335	0.111	ug/L #	54
42) Toluene	7.397	91	11597	0.269	ug/L	89
44) trans-1,3-Dichloropropene	7.628	75	825	0.088	ug/L #	80
45) 1,1,2-Trichloroethane	7.979	97	37037	6.032	ug/L #	1
47) Tetrachloroethene	7.979	164	3976458	482.624	ug/L	96
49) Dibromochloromethane	7.979	129	3924735	582.212	ug/L #	11
52) Ethylbenzene	9.014	91	4874	0.106	ug/L	92
53) m,p-Xylene	9.143	106	1999	0.114	ug/L	78
60) Isopropylbenzene	10.458	105	1153	0.032	ug/L #	89
61) 1,2,3-Trichloropropane	10.008	75	310	0.082	ug/L #	37

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 21 06:38:14 2022
Response via : Initial Calibration

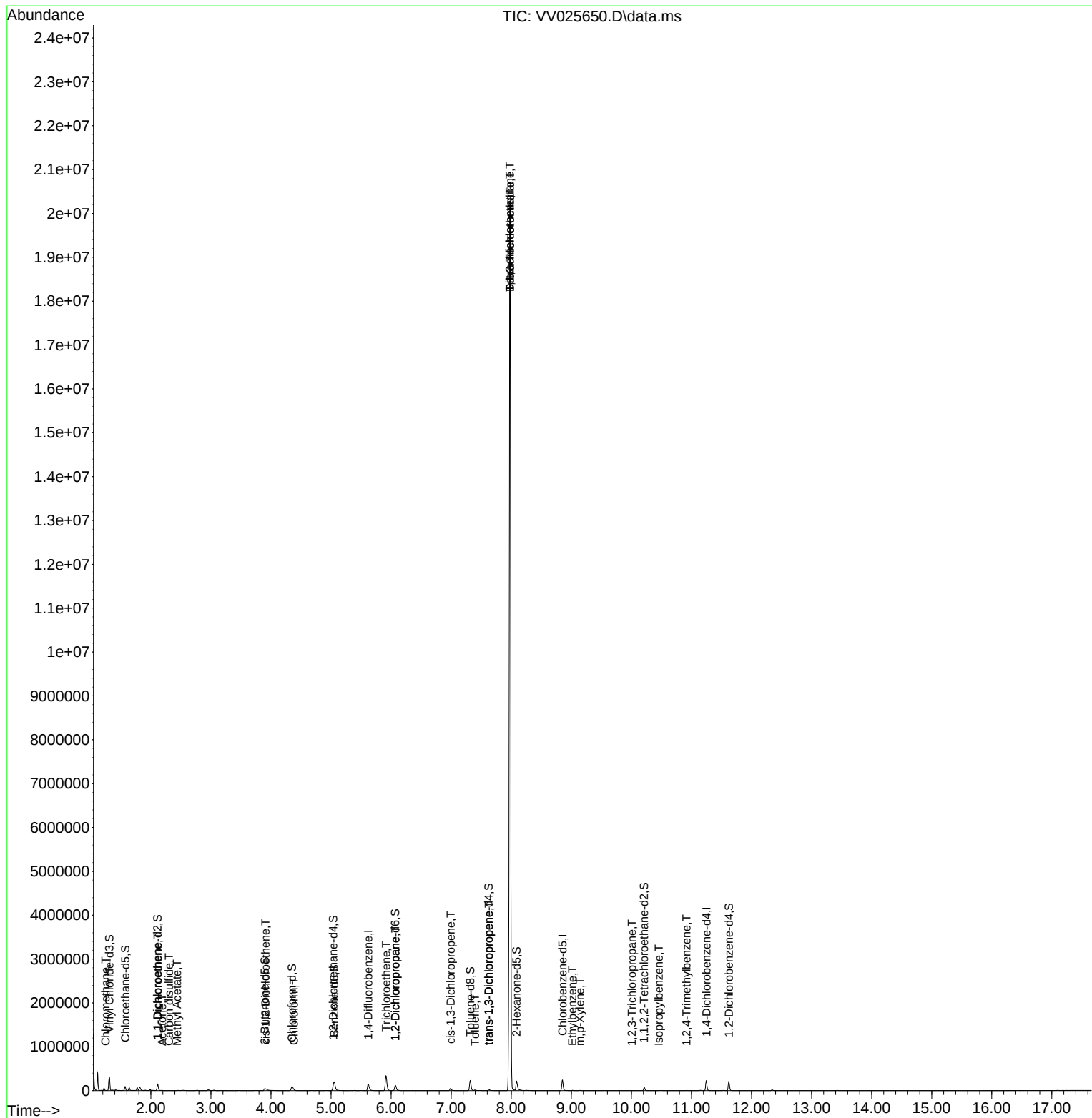
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	10.918	105	2274	0.079	ug/L	# 84

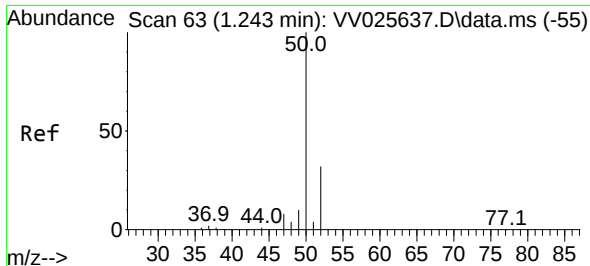
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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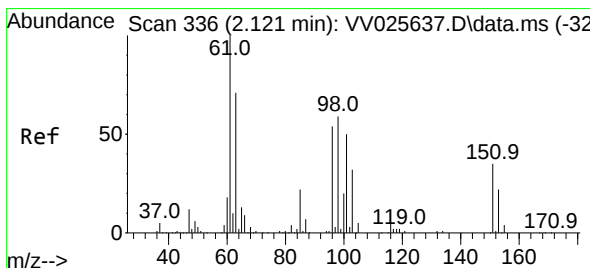
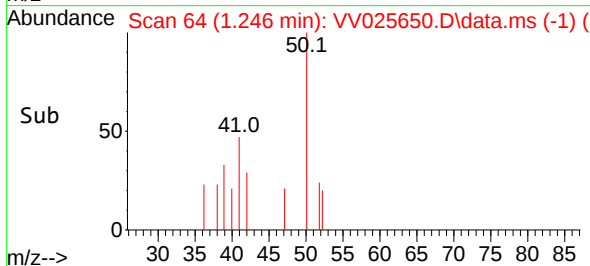
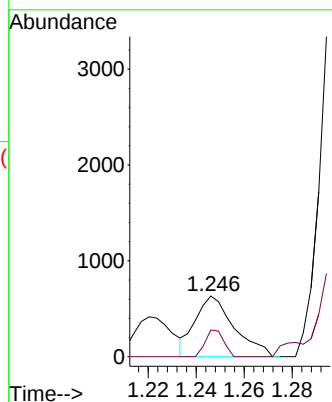
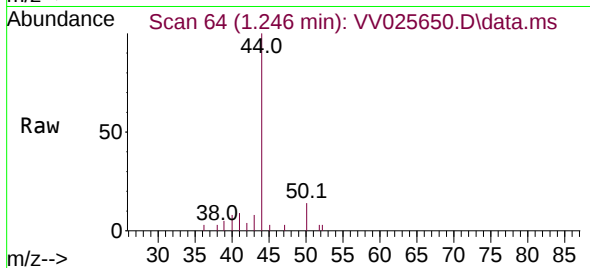




#3
Chloromethane
Concen: 0.055 ug/L
RT: 1.246 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV025650.D
Acq: 20 Apr 2022 16:47

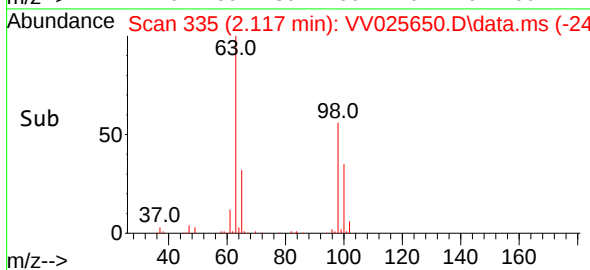
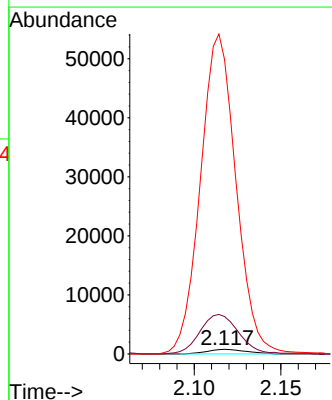
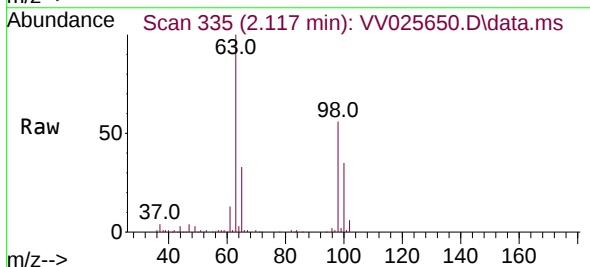
Instrument :
MSVOA_V
ClientSampleId :
EW6T9

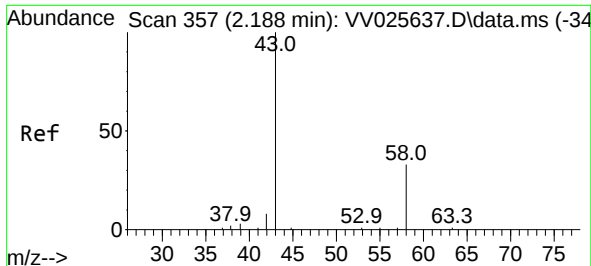
Tgt Ion: 50 Resp: 714
Ion Ratio Lower Upper
50 100
52 44.1 23.7 43.9#



#12
1,1-Dichloroethene
Concen: 0.107 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV025650.D
Acq: 20 Apr 2022 16:47

Tgt Ion: 96 Resp: 1227
Ion Ratio Lower Upper
96 100
61 818.6 125.2 232.4#
63 6444.4 114.4 212.4#





#13

Acetone

Concen: 5.450 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV025650.D

Acq: 20 Apr 2022 16:47

Instrument :

MSVOA_V

ClientSampleId :

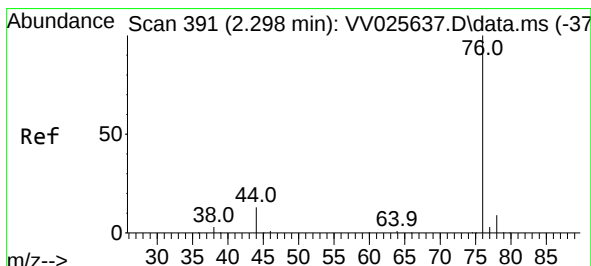
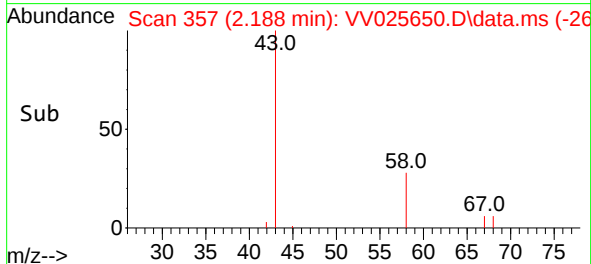
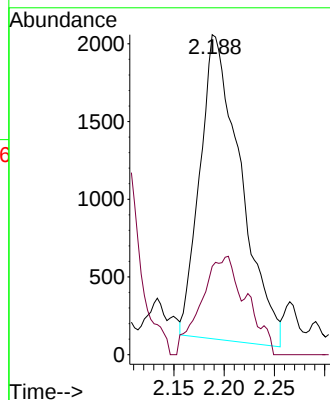
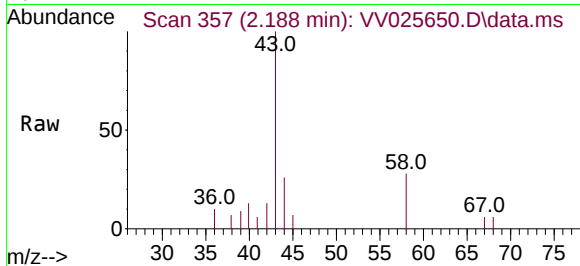
EW6T9

Tgt Ion: 43 Resp: 5521

Ion Ratio Lower Upper

43 100

58 28.1 0.0 72.2



#14

Carbon disulfide

Concen: 0.067 ug/L

RT: 2.304 min Scan# 393

Delta R.T. 0.006 min

Lab File: VV025650.D

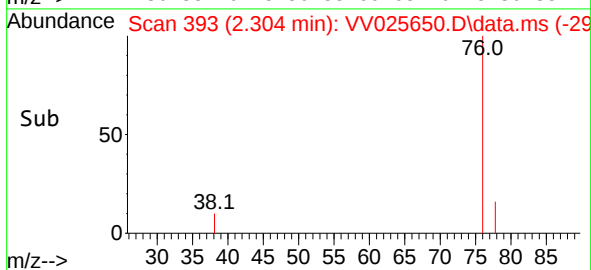
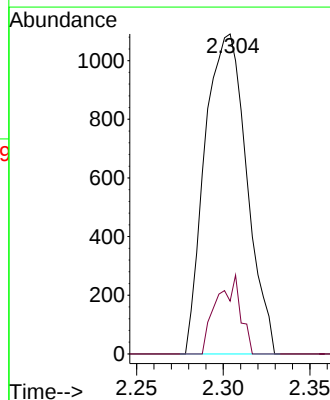
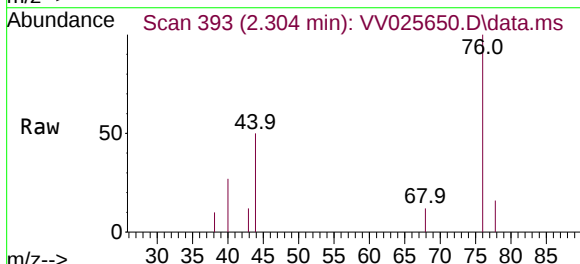
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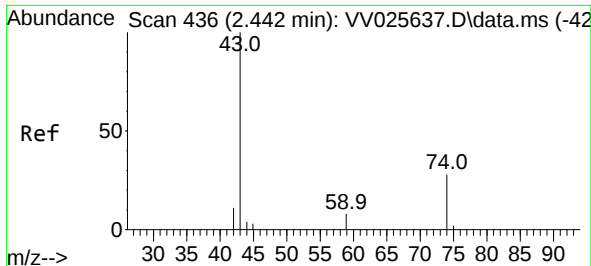
Tgt Ion: 76 Resp: 1830

Ion Ratio Lower Upper

76 100

78 16.5 7.3 10.9#

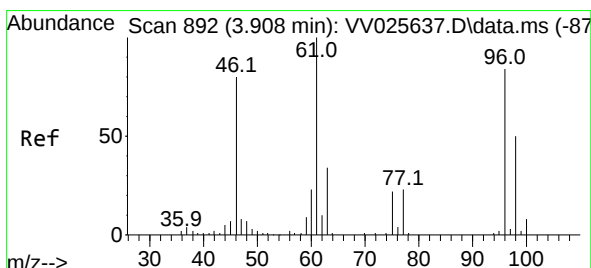
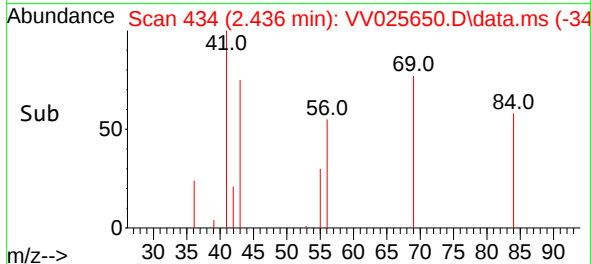
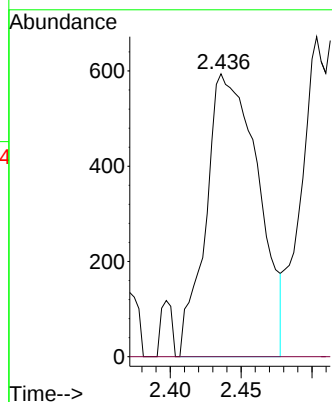
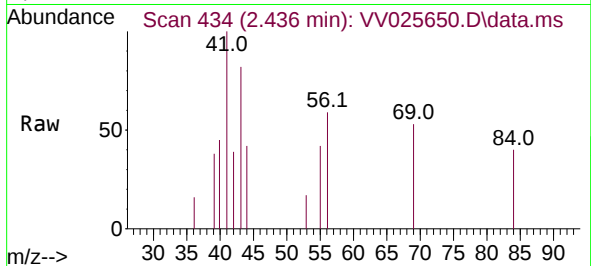




#15
Methyl Acetate
Concen: 0.676 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV025650.D
Acq: 20 Apr 2022 16:47

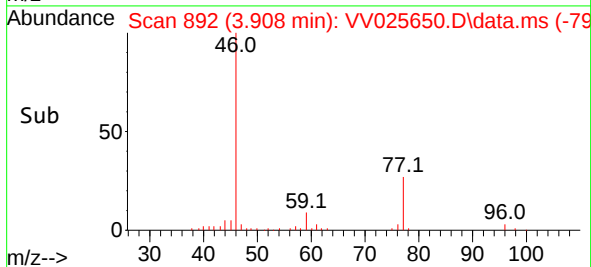
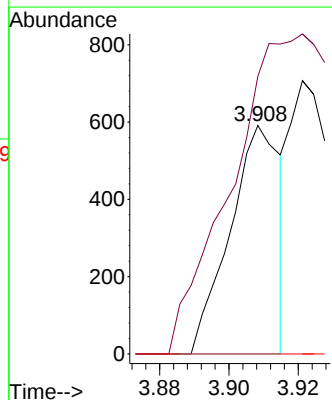
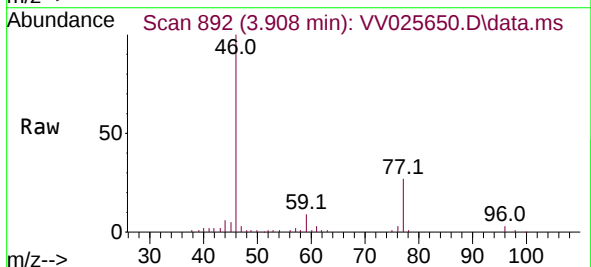
Instrument :
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ClientSampleId :
EW6T9

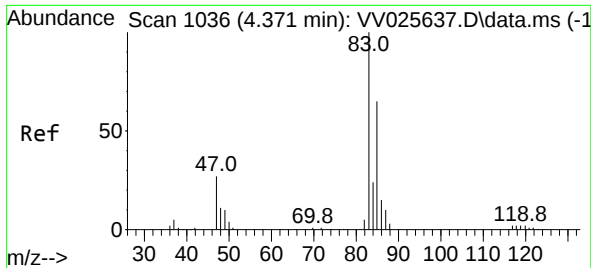
Tgt Ion: 43 Resp: 1522
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#



#22
cis-1,2-Dichloroethene
Concen: 0.059 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.000 min
Lab File: VV025650.D
Acq: 20 Apr 2022 16:47

Tgt Ion: 96 Resp: 594
Ion Ratio Lower Upper
96 100
61 121.5 80.0 148.6
68 0.0 0.0 0.0

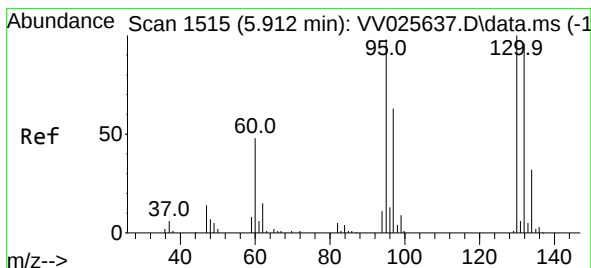
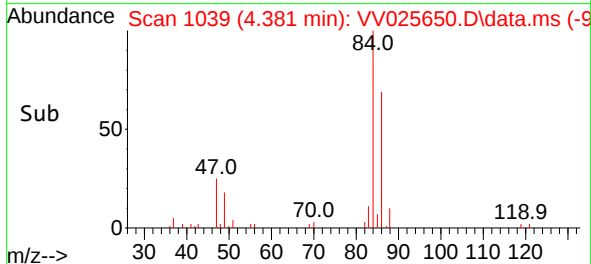
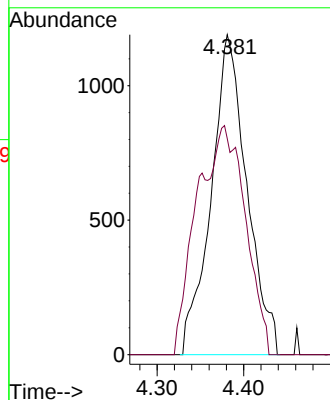
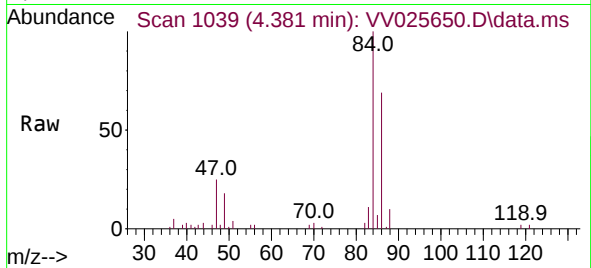




#25
Chloroform
Concen: 0.199 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV025650.D
Acq: 20 Apr 2022 16:47

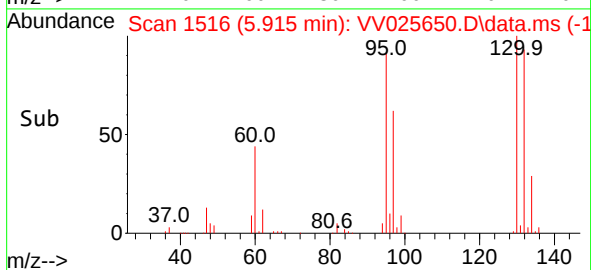
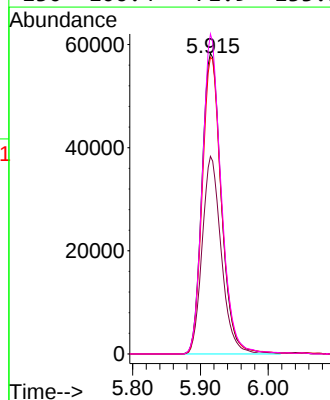
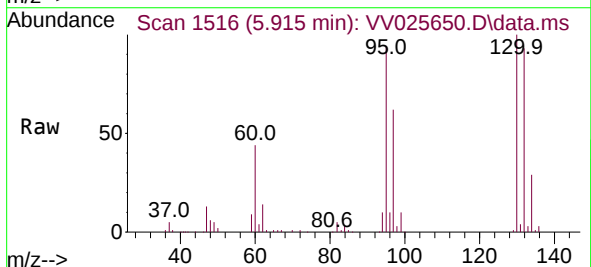
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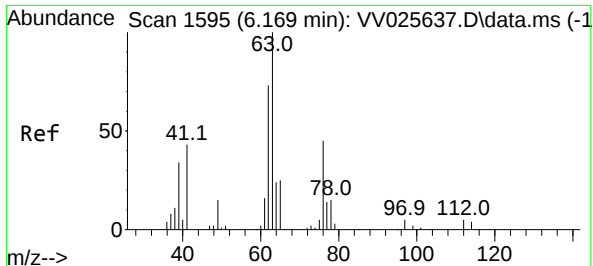
Tgt Ion: 83 Resp: 3407
Ion Ratio Lower Upper
83 100
85 67.6 43.5 80.7



#34
Trichloroethene
Concen: 11.042 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV025650.D
Acq: 20 Apr 2022 16:47

Tgt Ion: 95 Resp: 116211
Ion Ratio Lower Upper
95 100
97 65.7 45.8 85.2
132 98.7 68.0 126.4
130 106.4 71.9 133.5





#37

1,2-Dichloropropane

Concen: 0.768 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.097 min

Lab File: VV025650.D

Acq: 20 Apr 2022 16:47

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ClientSampleId :

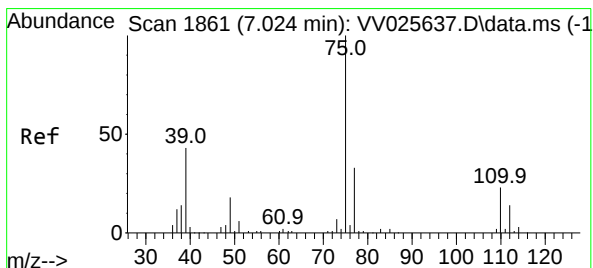
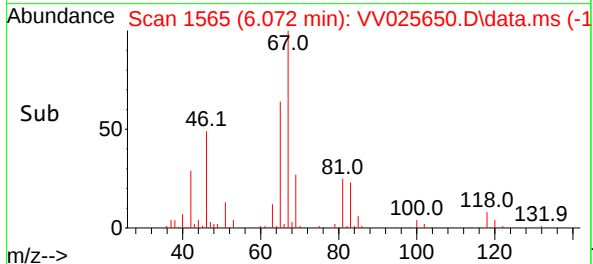
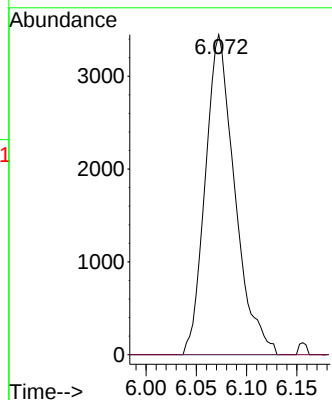
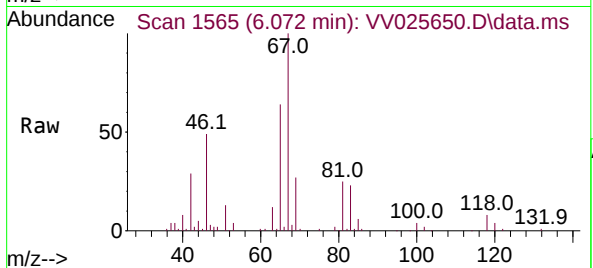
EW6T9

Tgt Ion: 63 Resp: 7045

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV025650.D

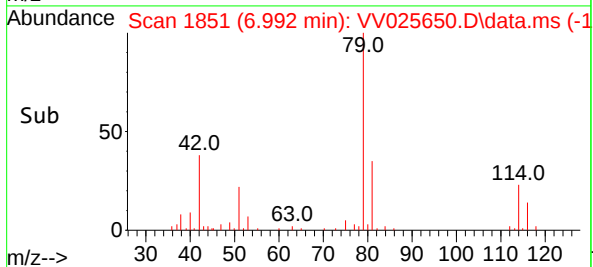
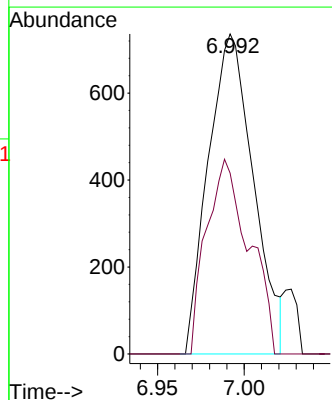
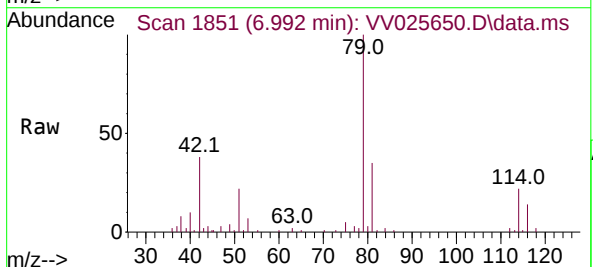
Acq: 20 Apr 2022 16:47

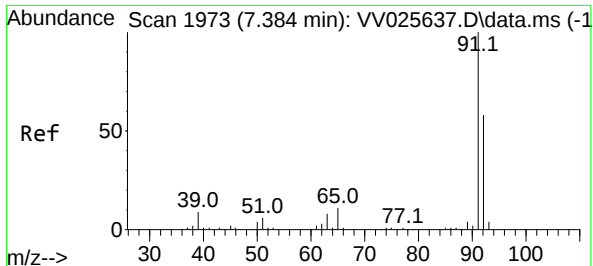
Tgt Ion: 75 Resp: 1335

Ion Ratio Lower Upper

75 100

77 56.5 21.8 40.6#





#42

Toluene

Concen: 0.269 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV025650.D

Acq: 20 Apr 2022 16:47

Instrument :

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ClientSampleId :

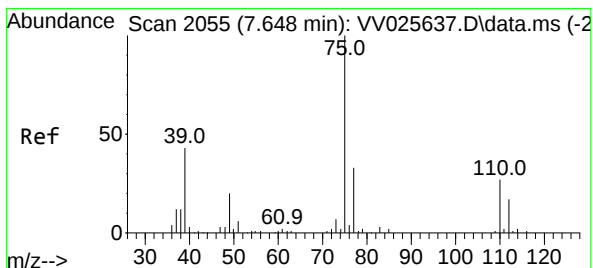
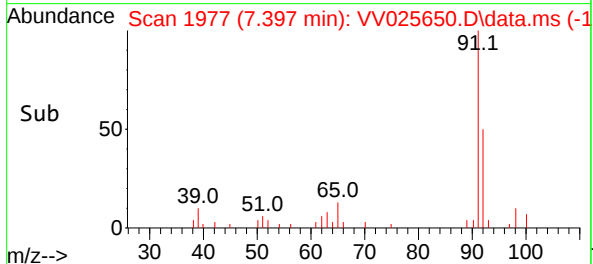
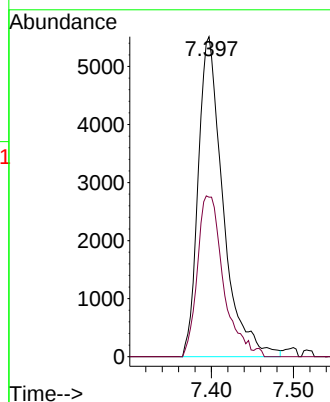
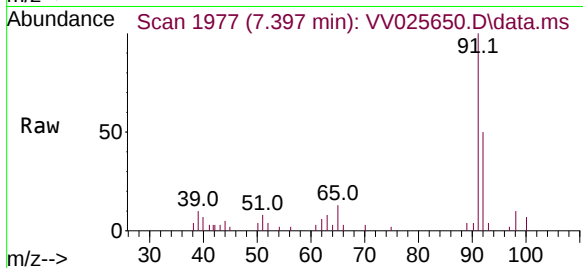
EW6T9

Tgt Ion: 91 Resp: 11597

Ion Ratio Lower Upper

91 100

92 49.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.628 min Scan# 2049

Delta R.T. -0.019 min

Lab File: VV025650.D

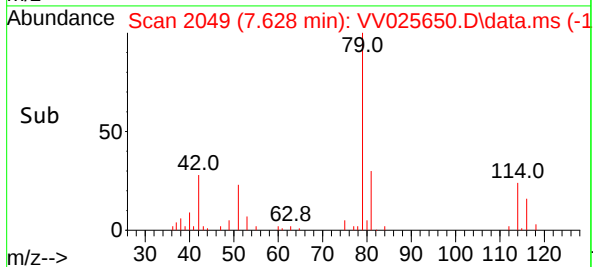
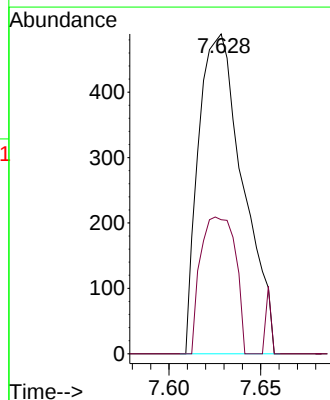
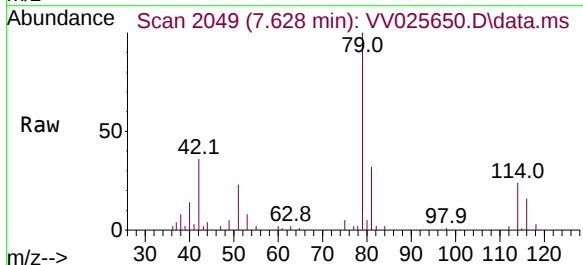
Acq: 20 Apr 2022 16:47

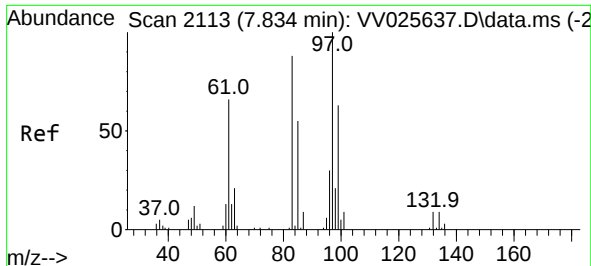
Tgt Ion: 75 Resp: 825

Ion Ratio Lower Upper

75 100

77 41.9 21.7 40.3#



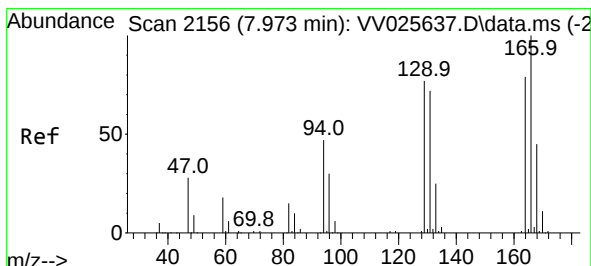
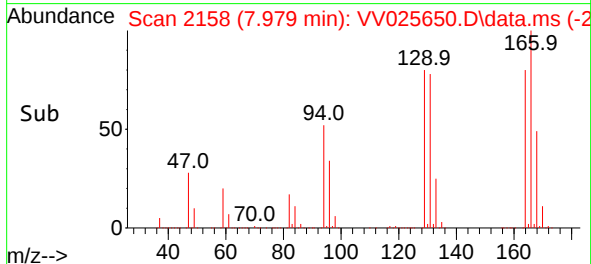
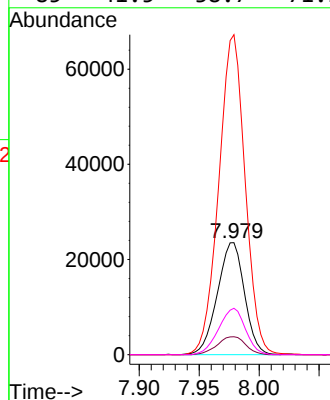
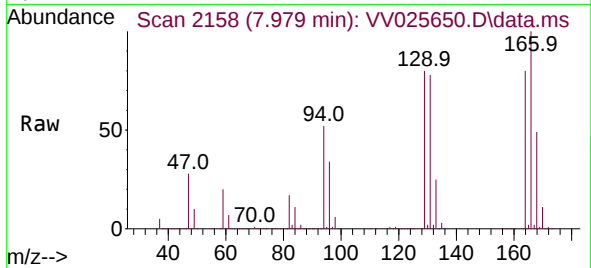


#45
1,1,2-Trichloroethane
Concen: 6.032 ug/L
RT: 7.979 min Scan# 2113
Delta R.T. 0.145 min
Lab File: VV025650.D
Acq: 20 Apr 2022 16:47

Instrument :
MSVOA_V
ClientSampleId :
EW6T9

Tgt Ion: 97 Resp: 37037

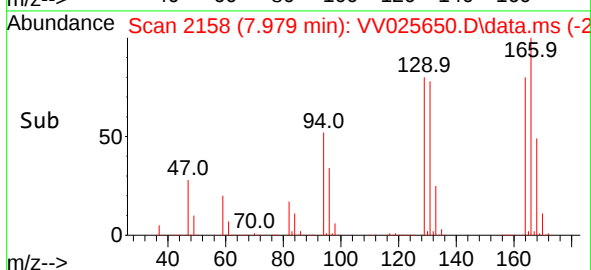
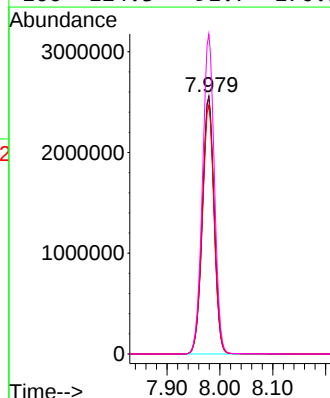
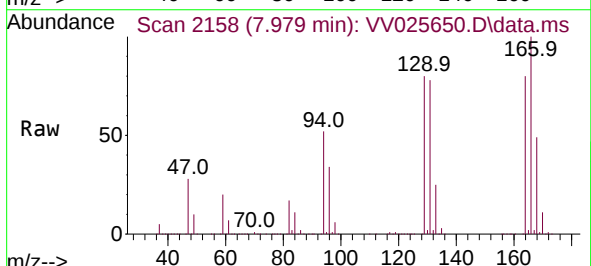
Ion	Ratio	Lower	Upper
97	100		
99	16.0	43.8	81.4#
83	285.8	60.3	112.1#
85	41.5	38.7	71.9

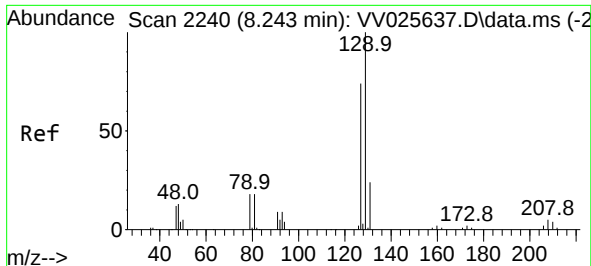


#47
Tetrachloroethene
Concen: 482.624 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV025650.D
Acq: 20 Apr 2022 16:47

Tgt Ion: 164 Resp: 3976458

Ion	Ratio	Lower	Upper
164	100		
129	99.8	66.8	124.2
131	96.6	66.4	123.4
166	124.3	91.7	170.3





#49

Dibromochloromethane

Concen: 582.212 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV025650.D

Acq: 20 Apr 2022 16:47

Instrument :

MSVOA_V

ClientSampleId :

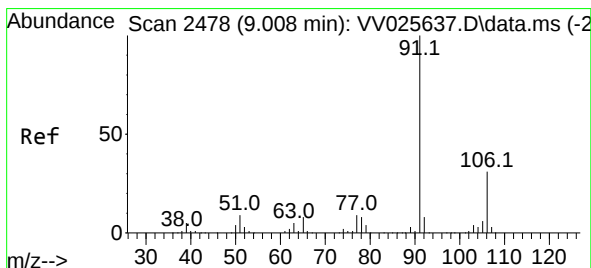
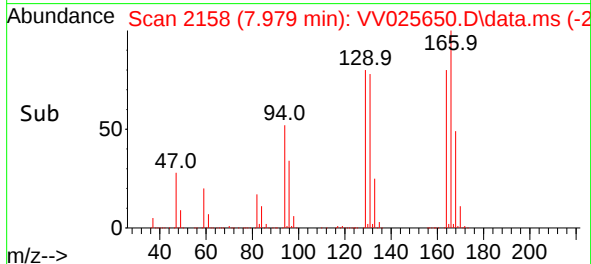
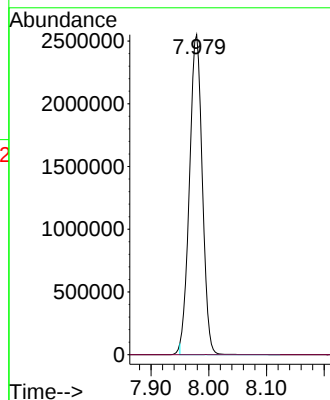
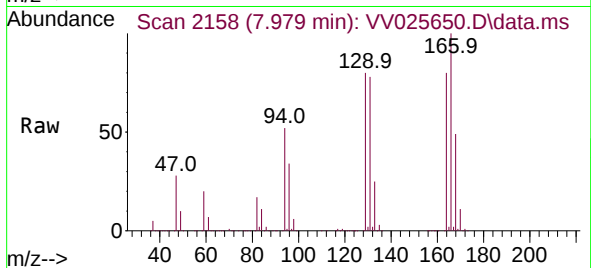
EW6T9

Tgt Ion:129 Resp: 3924735

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#52

Ethylbenzene

Concen: 0.106 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.006 min

Lab File: VV025650.D

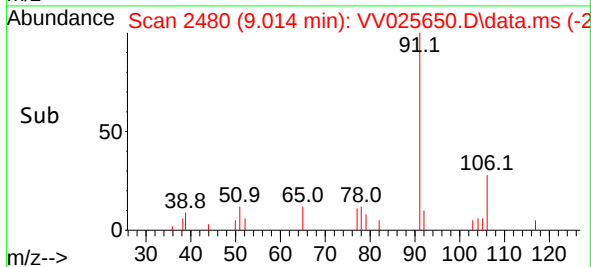
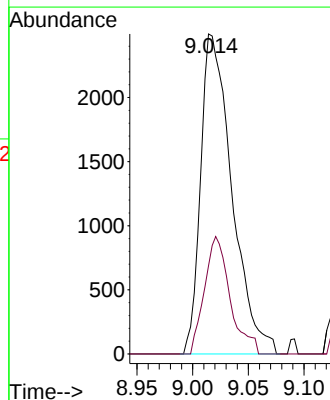
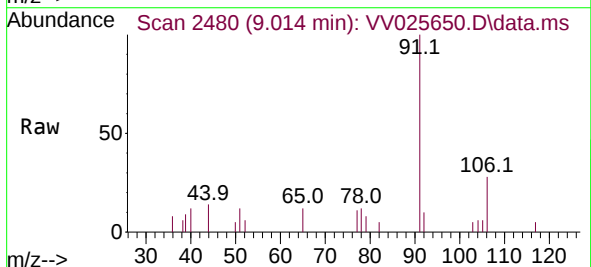
Acq: 20 Apr 2022 16:47

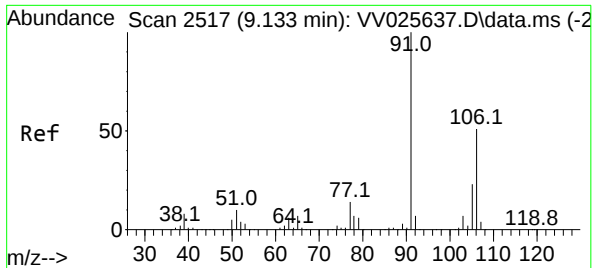
Tgt Ion: 91 Resp: 4874

Ion Ratio Lower Upper

91 100

106 27.6 22.3 41.3

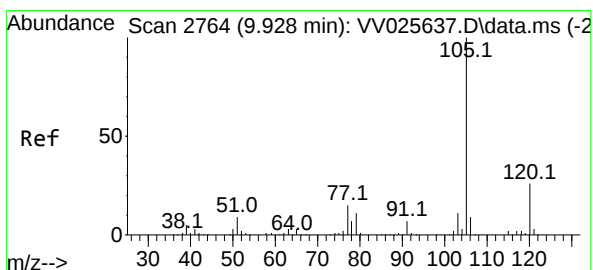
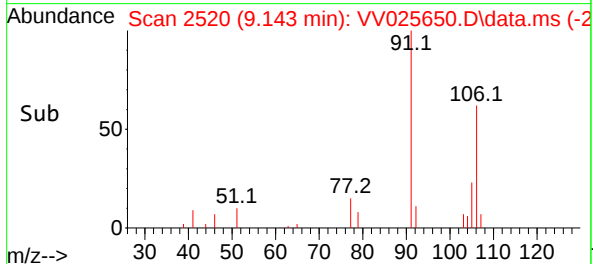
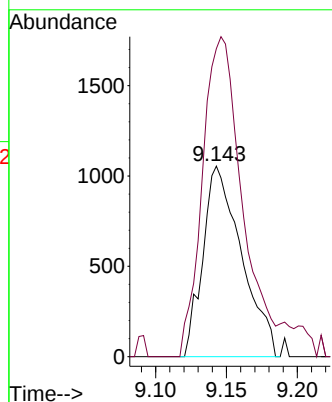
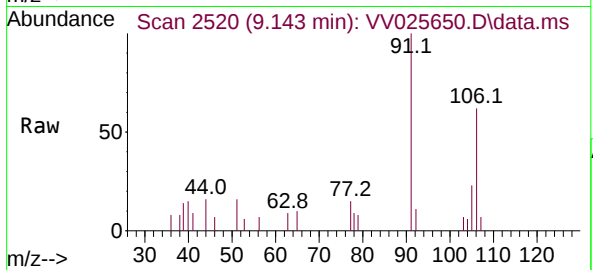




#53
m,p-Xylene
Concen: 0.114 ug/L
RT: 9.143 min Scan# 2199
Delta R.T. 0.010 min
Lab File: VV025650.D
Acq: 20 Apr 2022 16:47

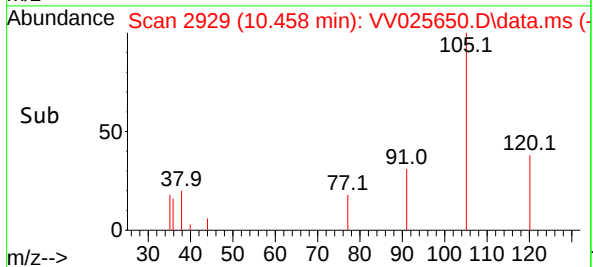
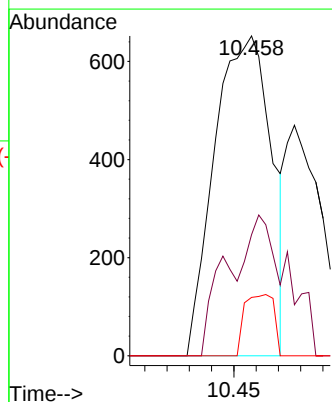
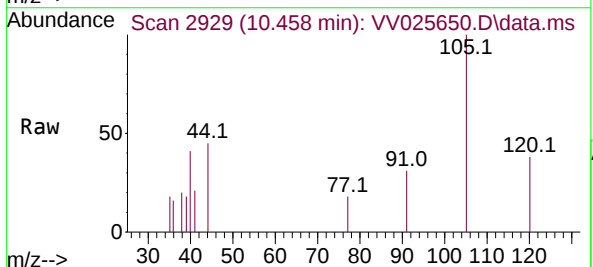
Instrument :
MSVOA_V
ClientSampleId :
EW6T9

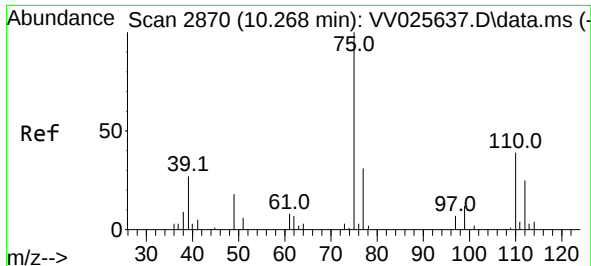
Tgt Ion:106 Resp: 1999
Ion Ratio Lower Upper
106 100
91 161.6 136.4 253.4



#60
Isopropylbenzene
Concen: 0.032 ug/L
RT: 10.458 min Scan# 2929
Delta R.T. 0.530 min
Lab File: VV025650.D
Acq: 20 Apr 2022 16:47

Tgt Ion:105 Resp: 1153
Ion Ratio Lower Upper
105 100
120 32.0 21.2 31.8#
77 9.9 12.2 18.2#

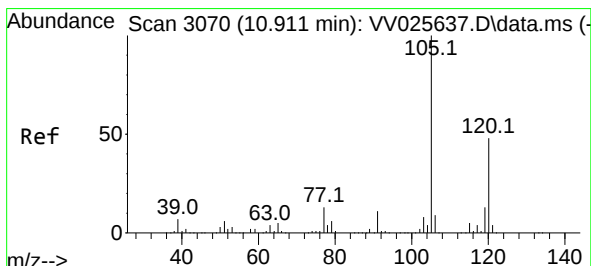
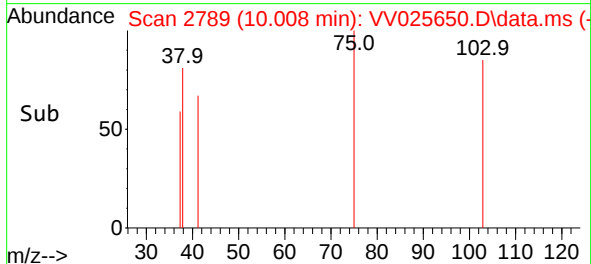
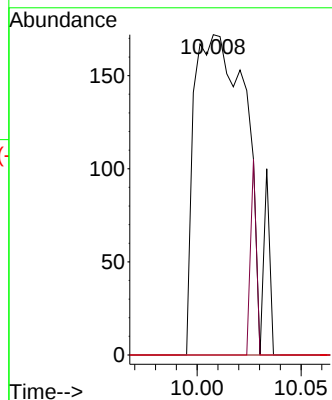
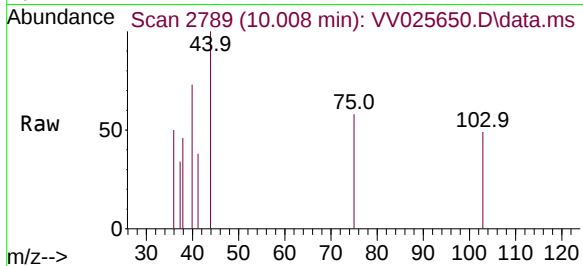




#61
 1,2,3-Trichloropropane
 Concen: 0.082 ug/L
 RT: 10.008 min Scan# 21
 Delta R.T. -0.261 min
 Lab File: VV025650.D
 Acq: 20 Apr 2022 16:47

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6T9

Tgt Ion: 75 Resp: 310
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.6 38.4#
 110 0.0 34.7 52.1#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.079 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.006 min
 Lab File: VV025650.D
 Acq: 20 Apr 2022 16:47

Tgt Ion: 105 Resp: 2274
 Ion Ratio Lower Upper
 105 100
 120 35.4 36.6 55.0#

