

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092421\
 Data File : VW020199.D
 Acq On : 24 Sep 2021 17:55
 Operator : SY/VA
 Sample : M3874-22RE
 Misc : 3.50g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 25 00:43:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 25 00:37:21 2021
 Response via : Initial Calibration

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

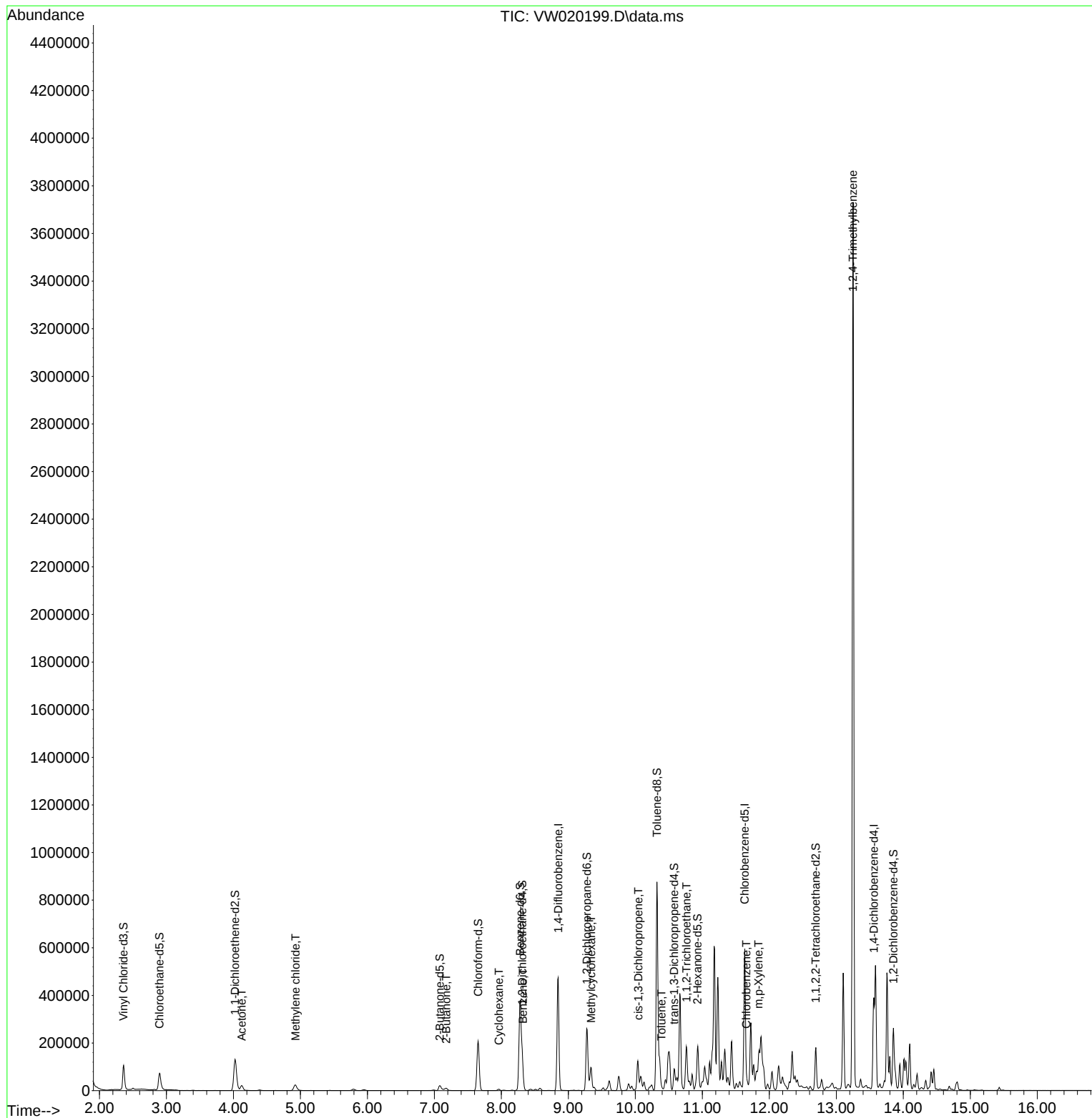
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	373274	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	307508	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	94395	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	115926	15.181	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.720%
7) Chloroethane-d5	2.897	69	97783	16.998	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.000%
11) 1,1-Dichloroethene-d2	4.025	63	142906	11.952	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.800%
21) 2-Butanone-d5	7.080	46	34438	29.225	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.440%
24) Chloroform-d	7.653	84	208289	17.743	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.960%
26) 1,2-Dichloroethane-d4	8.311	65	108679	17.201	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.800%#
32) Benzene-d6	8.281	84	383542	19.550	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	9.274	67	116897	20.589	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.360%
41) Toluene-d8	10.323	98	352906	19.770	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.080%
43) trans-1,3-Dichloroprop...	10.579	79	42229	17.401	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.600%
47) 2-Hexanone-d5	10.926	63	30285	38.544	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.080%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	70278	16.047	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	62566	17.676	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.720%#
Target Compounds						Qvalue
13) Acetone	4.123	43	35805	35.477	ug/L	100
16) Methylene chloride	4.928	84	19186	2.913	ug/L	99
22) 2-Butanone	7.177	43	15459	11.807	ug/L	90
29) Cyclohexane	7.964	56	2536	0.371	ug/L	95
33) Benzene	8.323	78	7991	0.431	ug/L	100
35) Methylcyclohexane	9.341	83	34342	4.242	ug/L #	87
39) cis-1,3-Dichloropropene	10.042	75	3470	0.512	ug/L	90
42) Toluene	10.390	91	8754	0.444	ug/L	92
45) 1,1,2-Trichloroethane	10.762	97	62507	18.545	ug/L #	22
51) Chlorobenzene	11.658	112	3694	0.288	ug/L	91
53) m,p-Xylene	11.841	106	38968	4.707	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	1975579	193.614	ug/L	98

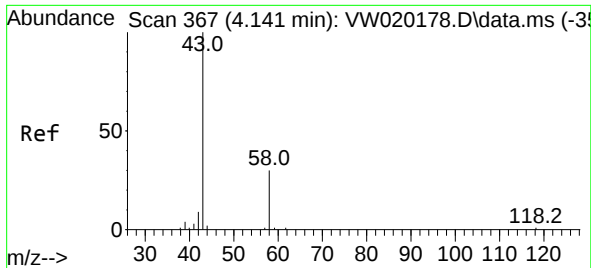
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 35.477 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.018 min

Lab File: VW020199.D

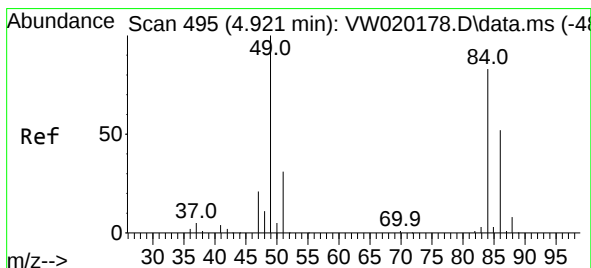
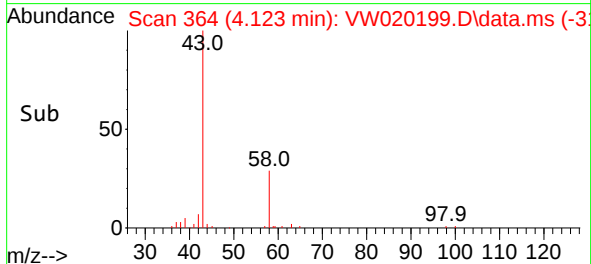
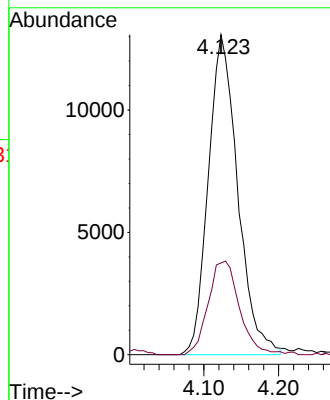
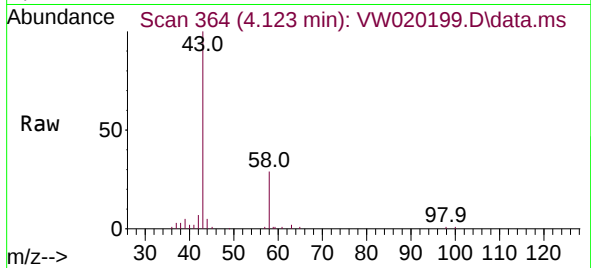
Acq: 24 Sep 2021 17:55

Tgt Ion: 43 Resp: 35805

Ion Ratio Lower Upper

43 100

58 30.7 0.0 61.6



#16

Methylene chloride

Concen: 2.913 ug/L

RT: 4.928 min Scan# 496

Delta R.T. 0.006 min

Lab File: VW020199.D

Acq: 24 Sep 2021 17:55

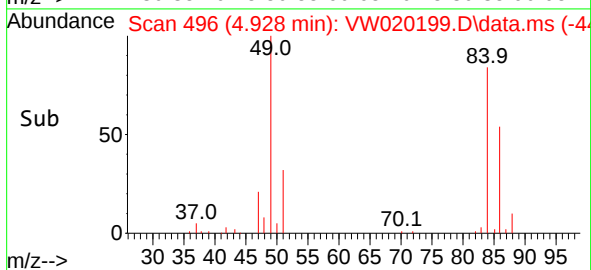
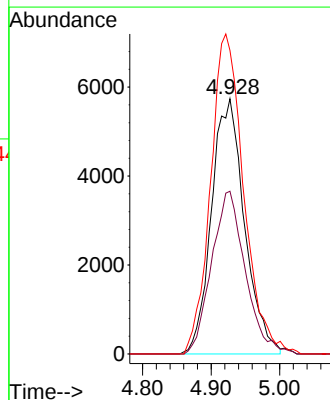
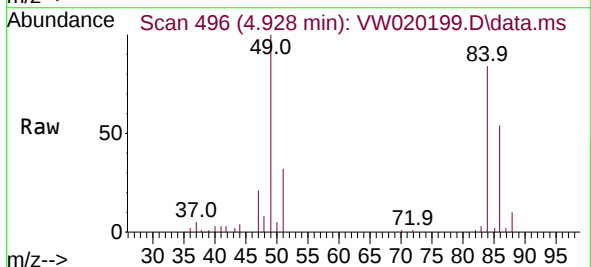
Tgt Ion: 84 Resp: 19186

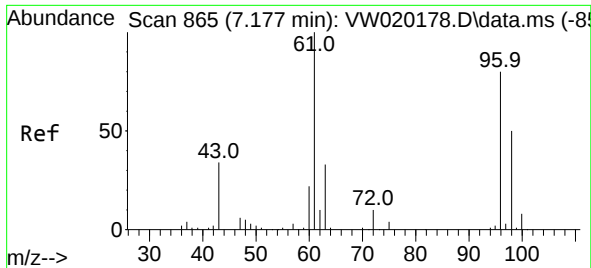
Ion Ratio Lower Upper

84 100

86 63.8 42.6 79.0

49 119.0 83.4 154.8

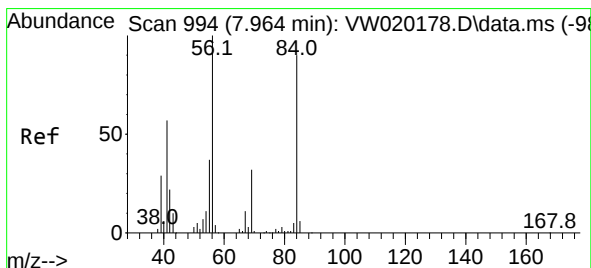
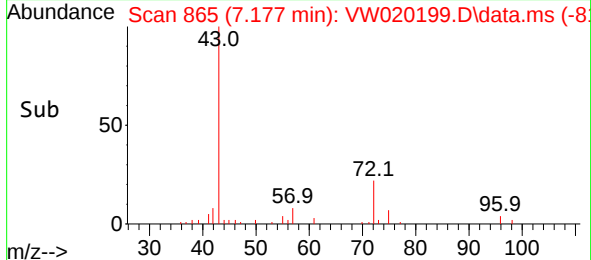
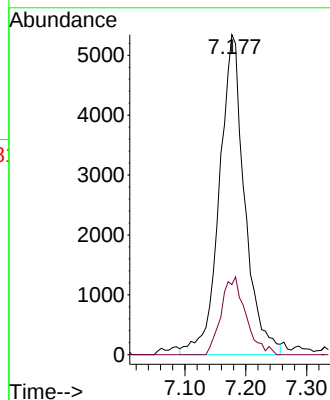
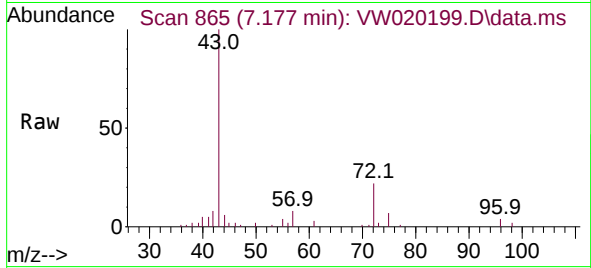




#22
2-Butanone
Concen: 11.807 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW020199.D
Acq: 24 Sep 2021 17:55

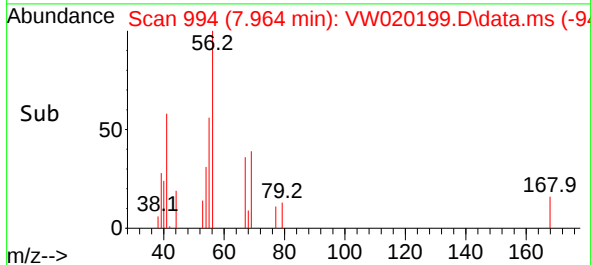
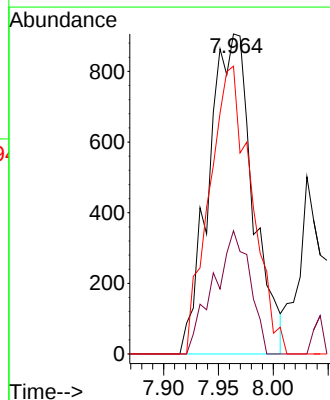
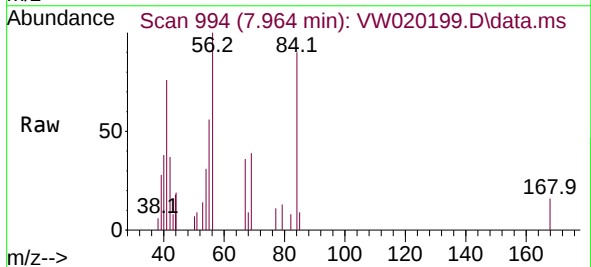
Instrument :
MSVOA_W
ClientSampled :

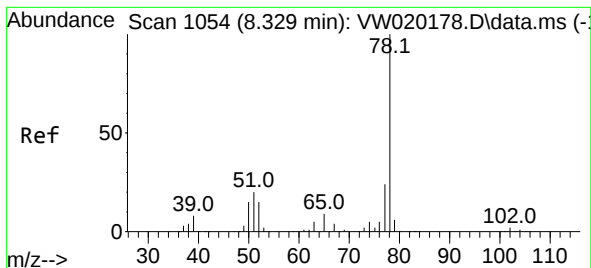
Tgt Ion: 43 Resp: 15459
Ion Ratio Lower Upper
43 100
72 23.0 14.1 42.2



#29
Cyclohexane
Concen: 0.371 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.000 min
Lab File: VW020199.D
Acq: 24 Sep 2021 17:55

Tgt Ion: 56 Resp: 2536
Ion Ratio Lower Upper
56 100
69 31.7 25.7 38.5
84 85.7 73.4 110.2





#33

Benzene

Concen: 0.431 ug/L

RT: 8.323 min Scan# 1053

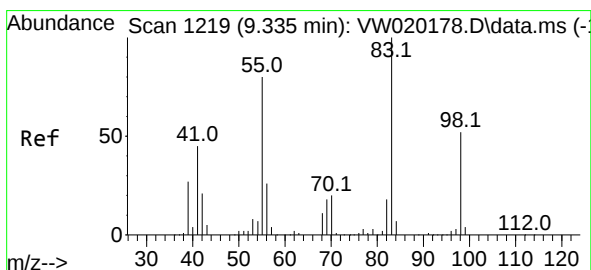
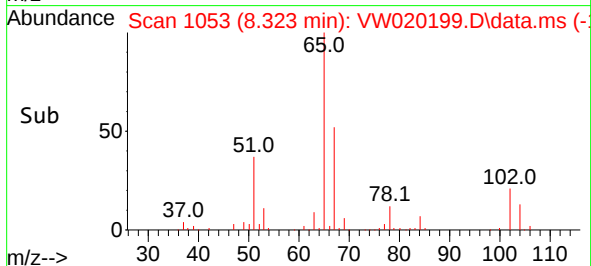
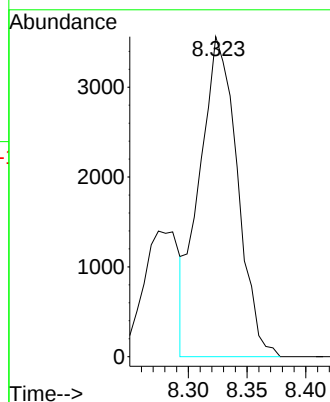
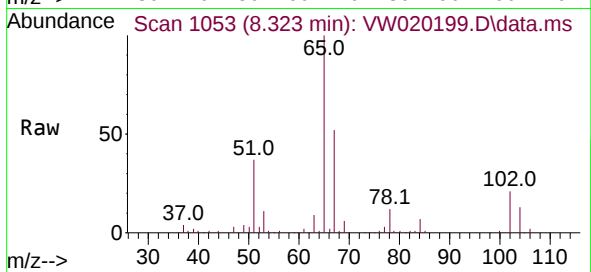
Delta R.T. -0.006 min

Lab File: VW020199.D

Acq: 24 Sep 2021 17:55

Tgt Ion: 78 Resp: 7991

Instrument :
MSVOA_W
ClientSampled :



#35

Methylcyclohexane

Concen: 4.242 ug/L

RT: 9.341 min Scan# 1220

Delta R.T. 0.006 min

Lab File: VW020199.D

Acq: 24 Sep 2021 17:55

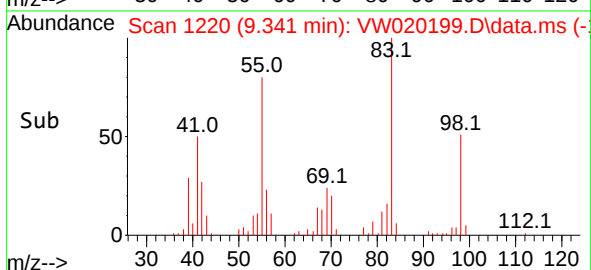
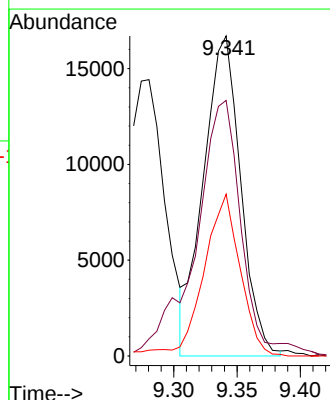
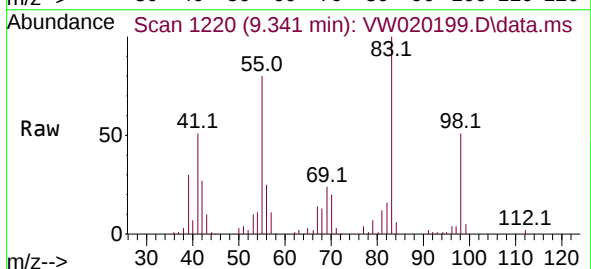
Tgt Ion: 83 Resp: 34342

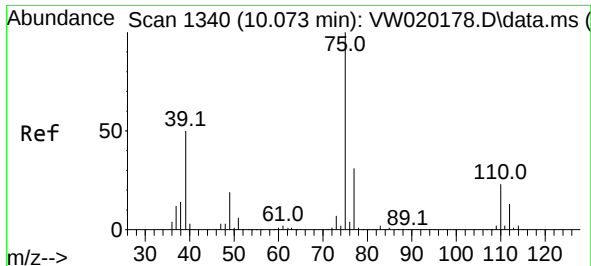
Ion Ratio Lower Upper

83 100

55 95.3 61.4 92.2#

98 47.7 38.1 57.1

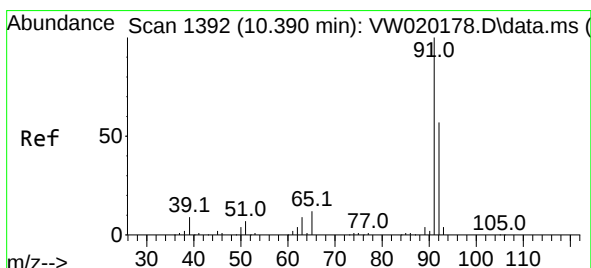
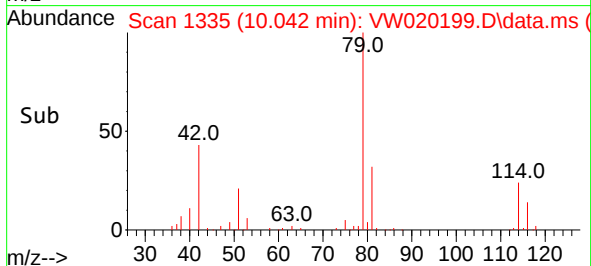
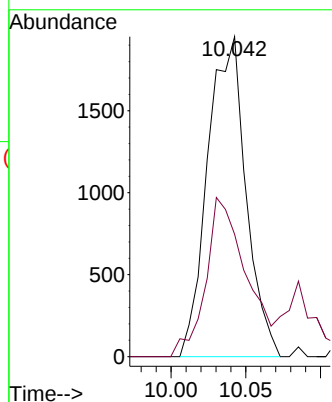
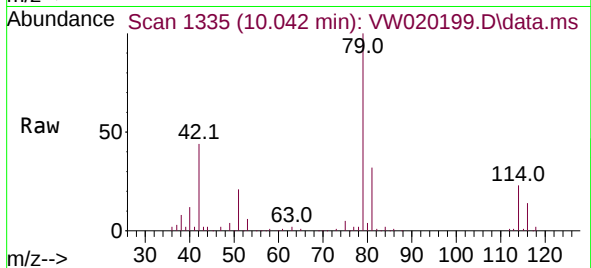




#39
cis-1,3-Dichloropropene
Concen: 0.512 ug/L
RT: 10.042 min Scan# 1335
Delta R.T. -0.030 min
Lab File: VW020199.D
Acq: 24 Sep 2021 17:55

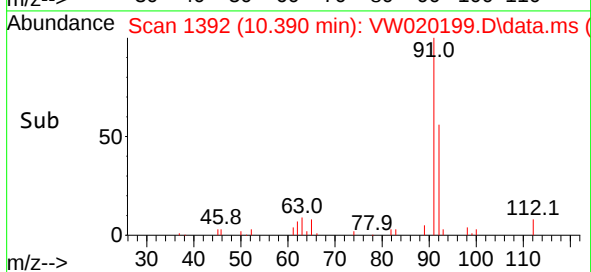
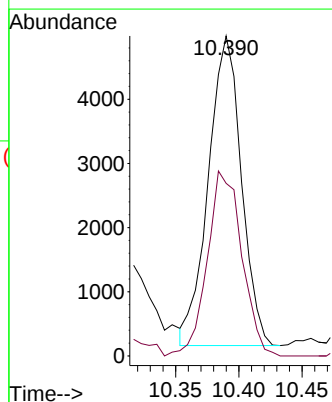
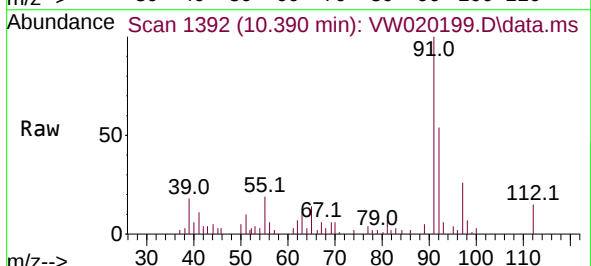
Instrument :
MSVOA_W
ClientSampled :

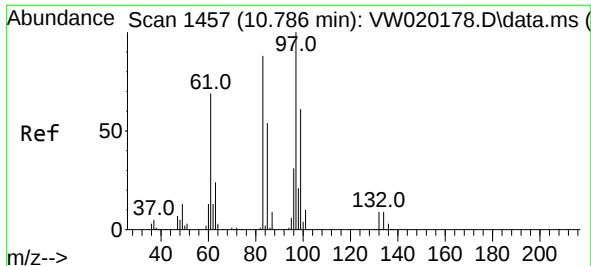
Tgt Ion: 75 Resp: 3470
Ion Ratio Lower Upper
75 100
77 38.2 23.0 42.6



#42
Toluene
Concen: 0.444 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020199.D
Acq: 24 Sep 2021 17:55

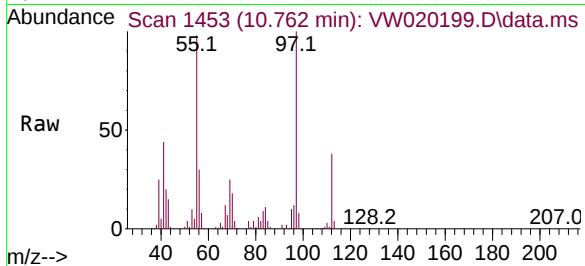
Tgt Ion: 91 Resp: 8754
Ion Ratio Lower Upper
91 100
92 54.0 42.2 78.4



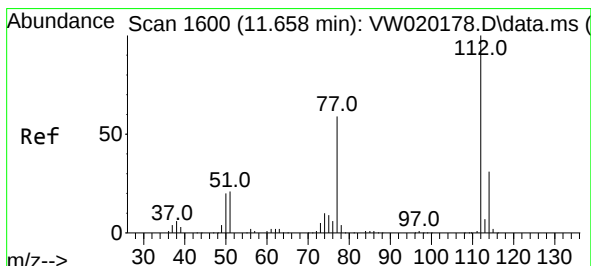
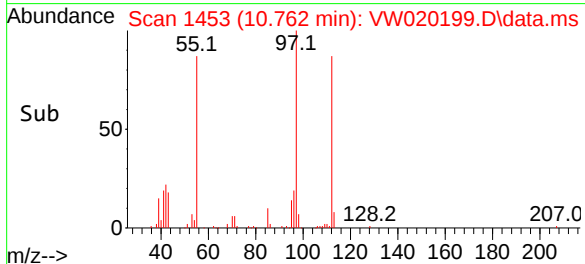
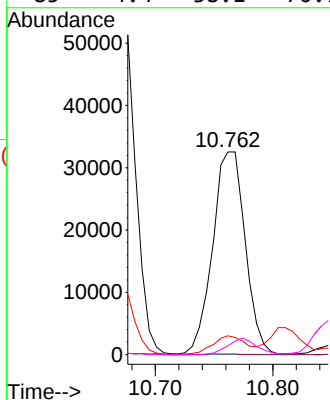


#45
1,1,2-Trichloroethane
Concen: 18.545 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.024 min
Lab File: VW020199.D
Acq: 24 Sep 2021 17:55

Instrument :
MSVOA_W
ClientSampled :

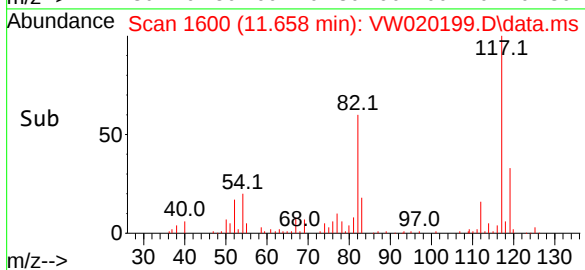
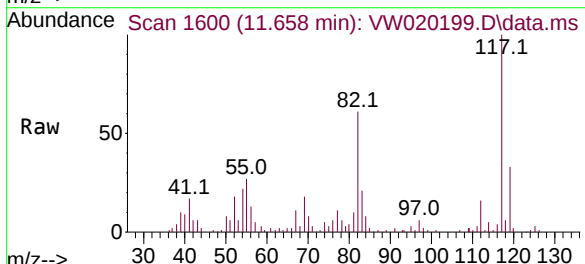
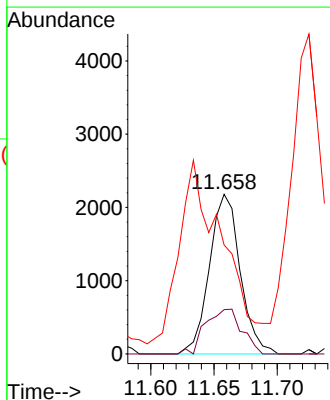


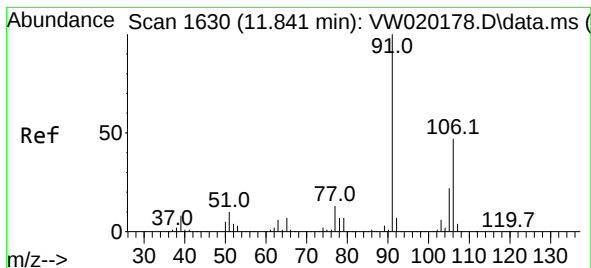
Tgt Ion:	97	Resp:	62507
Ion Ratio	Lower	Upper	
97	100		
99	0.3	42.0	78.0#
83	9.3	58.7	108.9#
85	4.4	38.1	70.7#



#51
Chlorobenzene
Concen: 0.288 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020199.D
Acq: 24 Sep 2021 17:55

Tgt Ion:	112	Resp:	3694
Ion Ratio	Lower	Upper	
112	100		
114	27.8	21.9	40.7
77	68.2	48.0	72.0

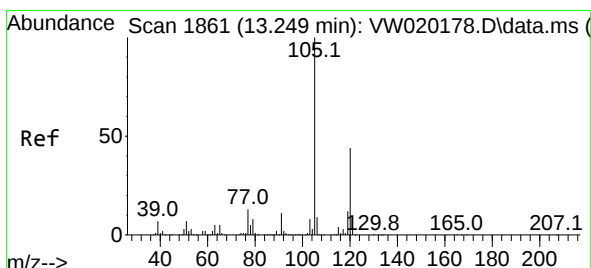
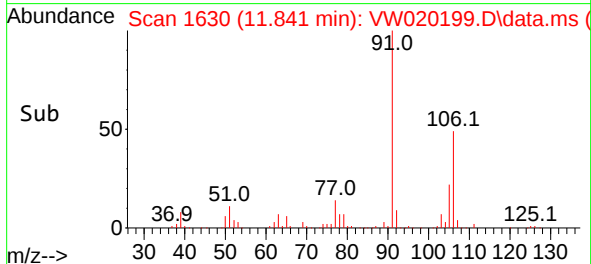
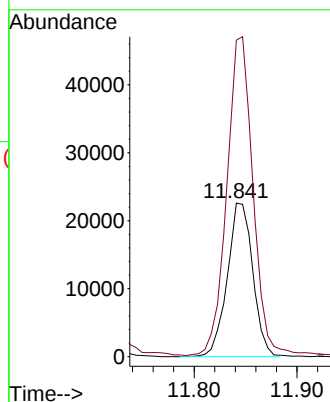
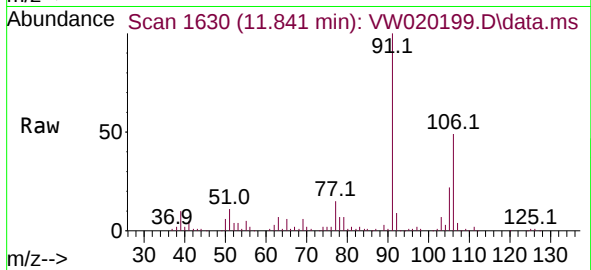




#53
m,p-Xylene
Concen: 4.707 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020199.D
Acq: 24 Sep 2021 17:55

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 38968
Ion Ratio Lower Upper
106 100
91 206.1 146.4 271.8



#63
1,2,4-Trimethylbenzene
Concen: 193.614 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020199.D
Acq: 24 Sep 2021 17:55

Tgt Ion:105 Resp: 1975579
Ion Ratio Lower Upper
105 100
120 44.1 36.2 54.4

