

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
 Data File : VW021643.D
 Acq On : 25 Dec 2021 14:08
 Operator : SY/VA
 Sample : M5174-07RE
 Misc : 6.35g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 00:40:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

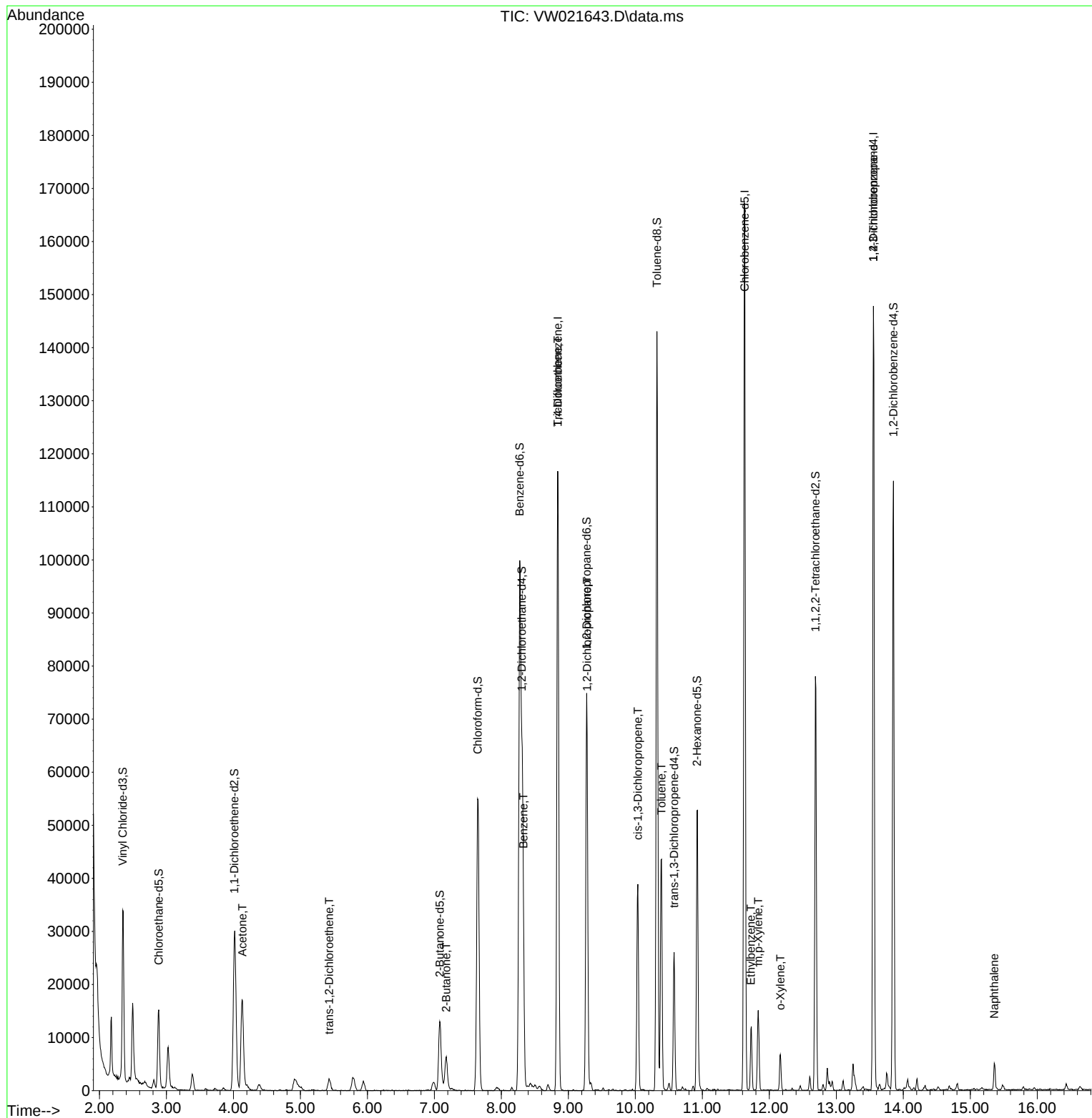
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	100680	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	93025	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	41492	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	22504	12.273	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.080%
7) Chloroethane-d5	2.885	69	16389	13.520	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.080%
11) 1,1-Dichloroethene-d2	4.013	63	28272	11.565	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.280%
21) 2-Butanone-d5	7.080	46	22297	86.265	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	172.520%#
24) Chloroform-d	7.647	84	56076	19.986	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.960%
26) 1,2-Dichloroethane-d4	8.305	65	36093	24.184	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.720%
32) Benzene-d6	8.275	84	99713	19.555	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.240%
36) 1,2-Dichloropropane-d6	9.274	67	31130	22.764	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.040%
41) Toluene-d8	10.323	98	92355	17.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.920%
43) trans-1,3-Dichloroprop...	10.579	79	13767	21.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.440%
47) 2-Hexanone-d5	10.920	63	17932	88.678	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	177.360%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	35757	30.417	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.680%#
66) 1,2-Dichlorobenzene-d4	13.853	152	30378	18.891	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.560%
Target Compounds						Qvalue
13) Acetone	4.135	43	30973	133.670	ug/L	95
17) trans-1,2-Dichloroethene	5.427	96	1057	0.782	ug/L	85
22) 2-Butanone	7.177	43	10339	34.167	ug/L	90
33) Benzene	8.329	78	27273	5.382	ug/L	100
34) Trichloroethene	8.841	95	3056	2.148	ug/L #	5
37) 1,2-Dichloropropane	9.280	63	4240	3.751	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	1160	0.651	ug/L #	80
42) Toluene	10.390	91	33097	5.584	ug/L	95
52) Ethylbenzene	11.725	91	8490	1.254	ug/L	97
53) m,p-Xylene	11.835	106	4683	1.714	ug/L	86
54) o-Xylene	12.164	106	1958	0.755	ug/L	77
61) 1,2,3-Trichloropropane	13.554	75	4393	7.275	ug/L #	66
71) Naphthalene	15.359	128	4676	1.800	ug/L	97

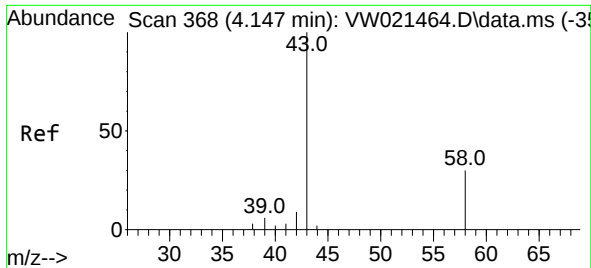
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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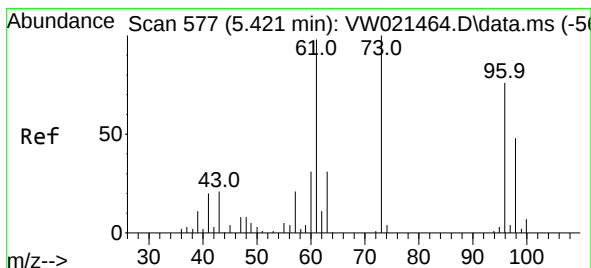
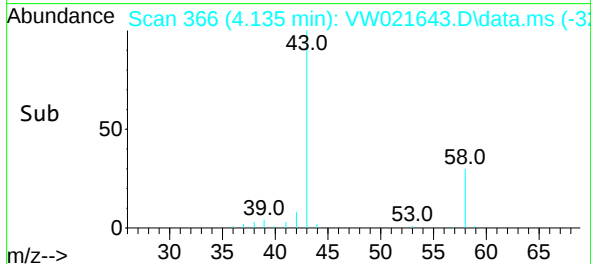
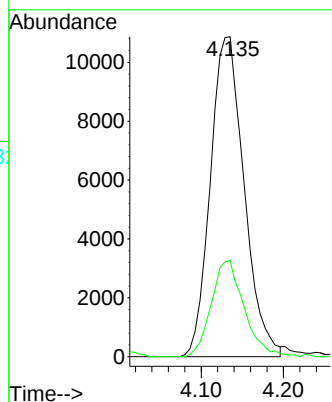
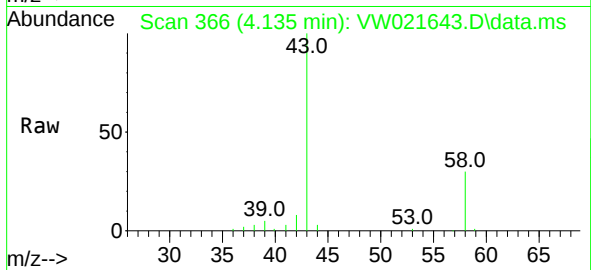




#13
Acetone
Concen: 133.670 ug/L
RT: 4.135 min Scan# 30973
Delta R.T. -0.024 min
Lab File: VW021643.D
Acq: 25 Dec 2021 14:08

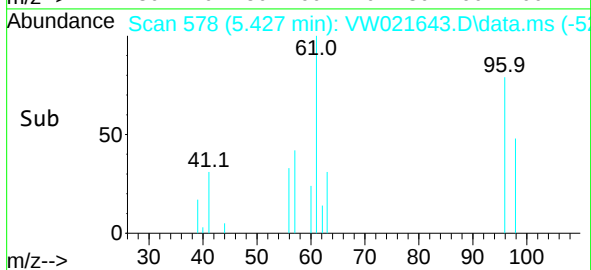
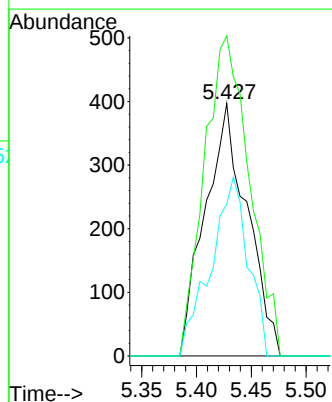
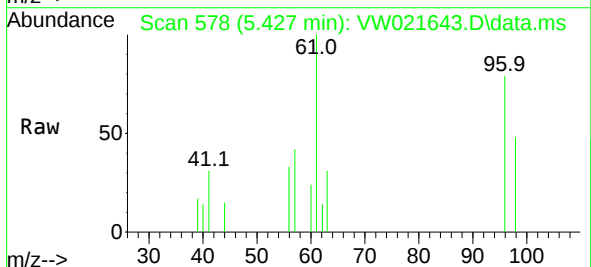
Instrument :
MSVOA_W
ClientSampleId :

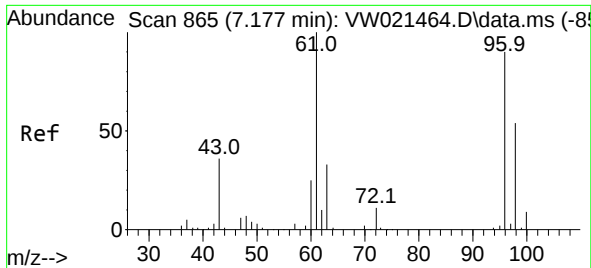
Tgt Ion: 43 Resp: 30973
Ion Ratio Lower Upper
43 100
58 29.2 0.0 52.8



#17
trans-1,2-Dichloroethene
Concen: 0.782 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021643.D
Acq: 25 Dec 2021 14:08

Tgt Ion: 96 Resp: 1057
Ion Ratio Lower Upper
96 100
61 126.7 107.4 199.4
98 60.2 41.2 76.6

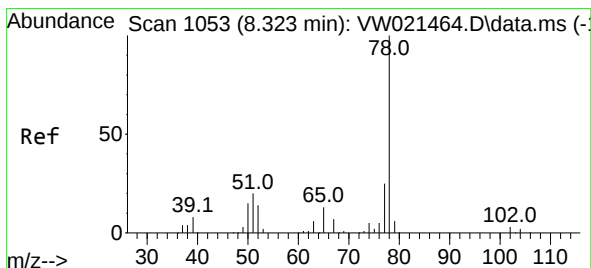
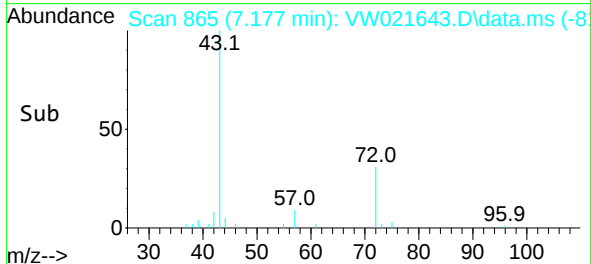
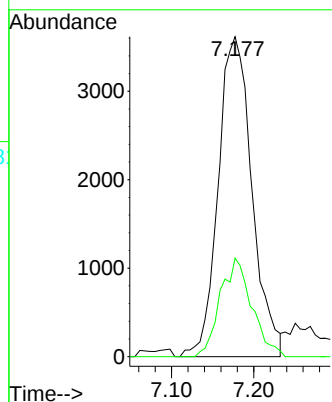
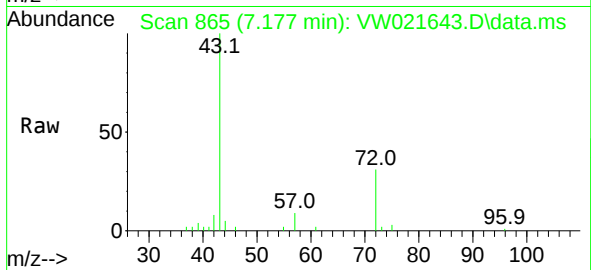




#22
2-Butanone
Concen: 34.167 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.012 min
Lab File: VW021643.D
Acq: 25 Dec 2021 14:08

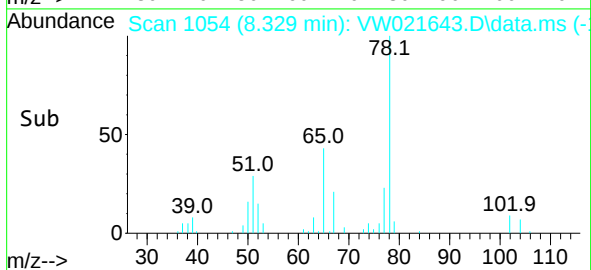
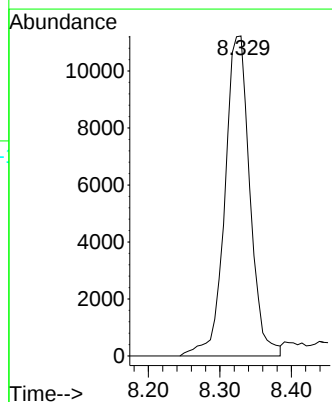
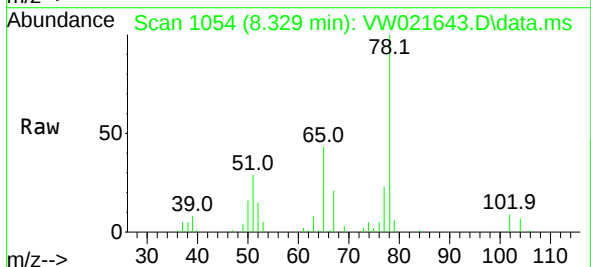
Instrument :
MSVOA_W
ClientSampleId :

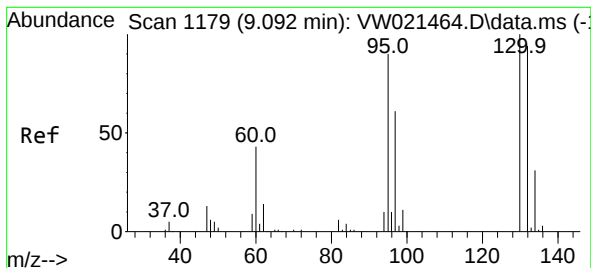
Tgt Ion: 43 Resp: 10339
Ion Ratio Lower Upper
43 100
72 28.7 11.8 35.4



#33
Benzene
Concen: 5.382 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW021643.D
Acq: 25 Dec 2021 14:08

Tgt Ion: 78 Resp: 27273





#34

Trichloroethene

Concen: 2.148 ug/L

RT: 8.841 min Scan# 1179

Delta R.T. -0.250 min

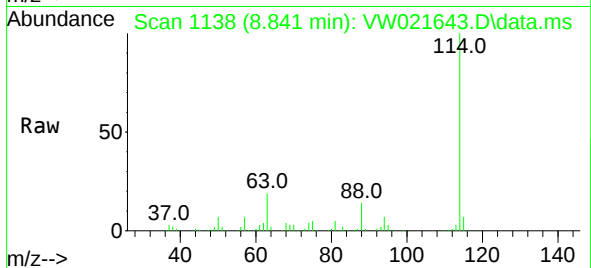
Lab File: VW021643.D

Acq: 25 Dec 2021 14:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 3056

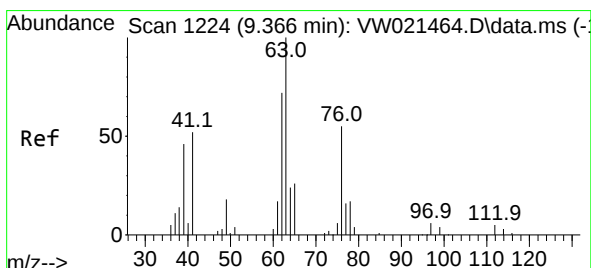
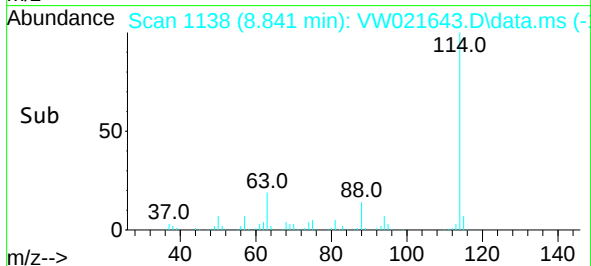
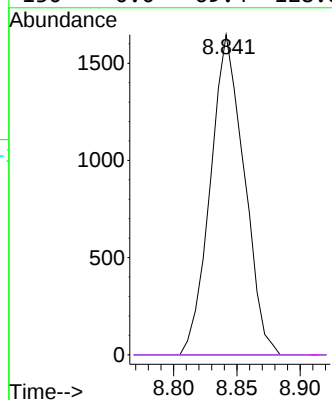
Ion Ratio Lower Upper

95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#



#37

1,2-Dichloropropane

Concen: 3.751 ug/L

RT: 9.280 min Scan# 1210

Delta R.T. -0.091 min

Lab File: VW021643.D

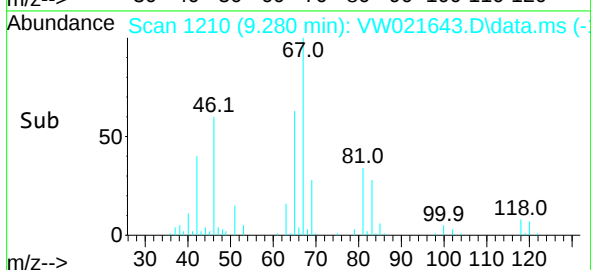
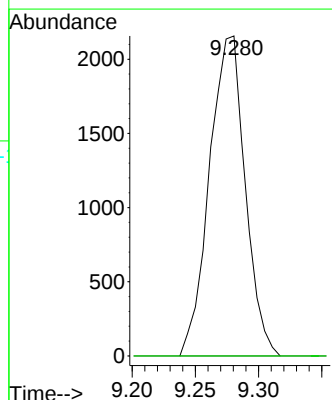
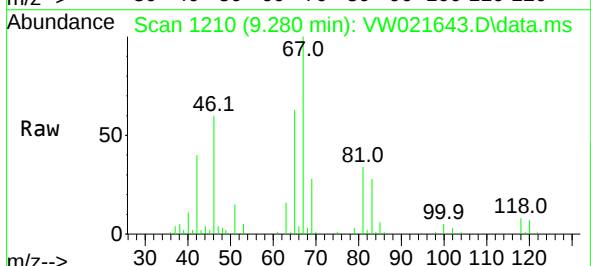
Acq: 25 Dec 2021 14:08

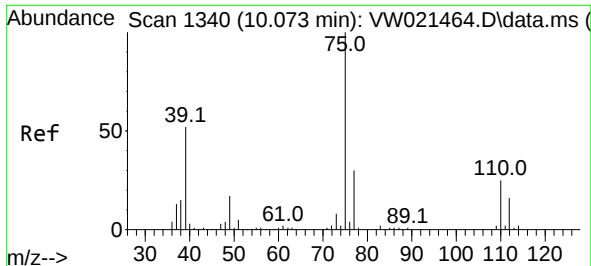
Tgt Ion: 63 Resp: 4240

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.651 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021643.D

Acq: 25 Dec 2021 14:08

Instrument :

MSVOA_W

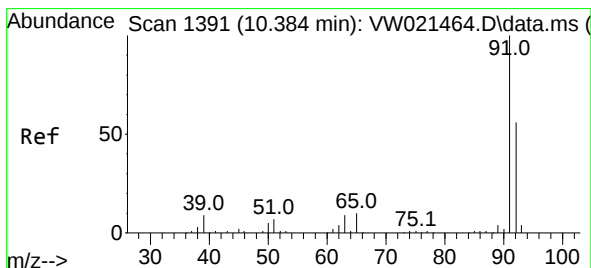
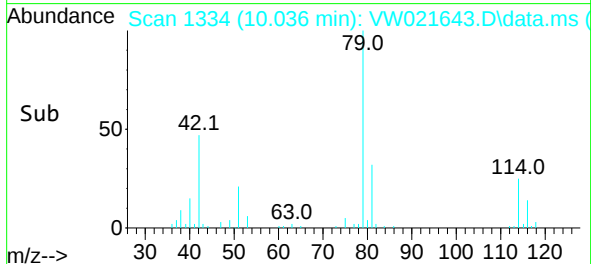
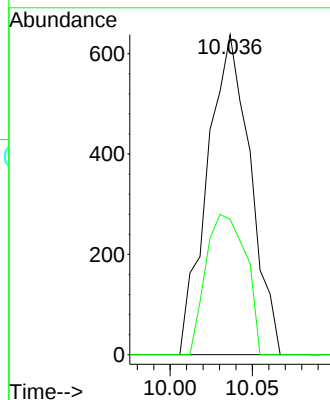
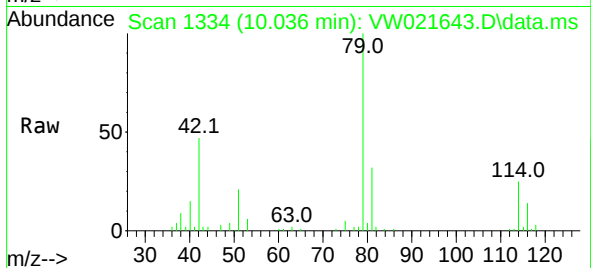
ClientSampleId :

Tgt Ion: 75 Resp: 1160

Ion Ratio Lower Upper

75 100

77 42.3 21.8 40.6#



#42

Toluene

Concen: 5.584 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW021643.D

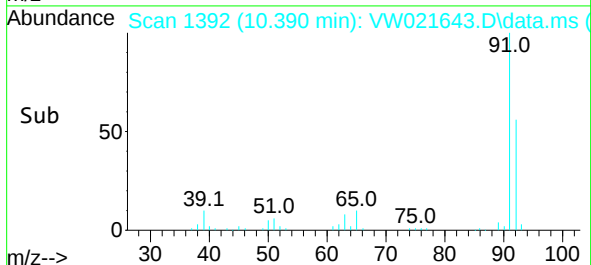
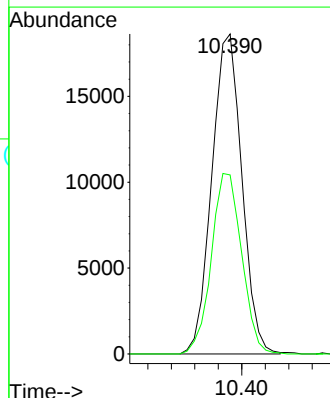
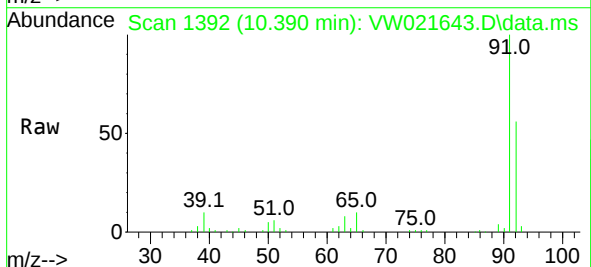
Acq: 25 Dec 2021 14:08

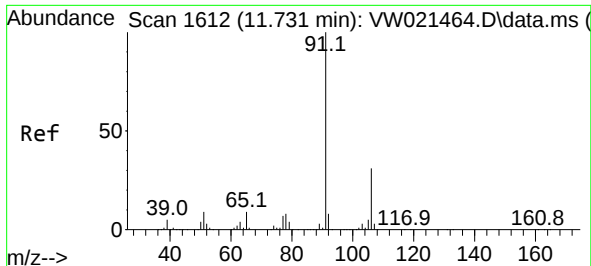
Tgt Ion: 91 Resp: 33097

Ion Ratio Lower Upper

91 100

92 56.0 41.7 77.5





#52

Ethylbenzene

Concen: 1.254 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021643.D

Acq: 25 Dec 2021 14:08

Instrument :

MSVOA_W

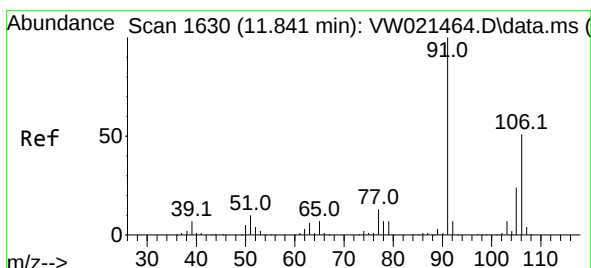
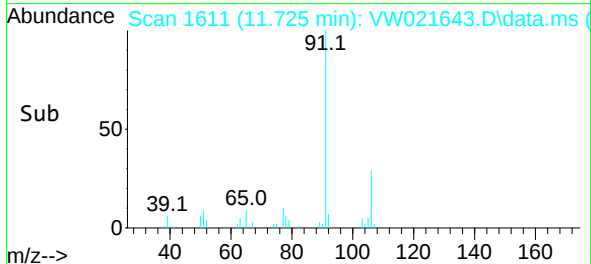
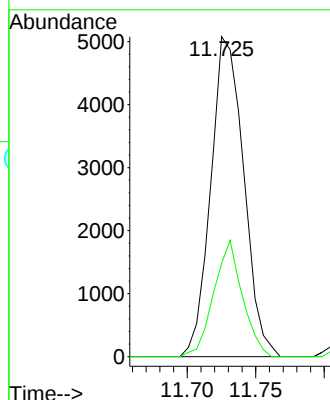
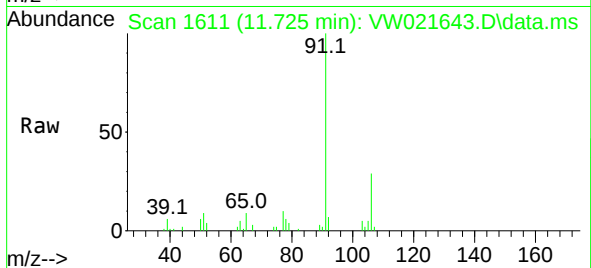
ClientSampleId :

Tgt Ion: 91 Resp: 8490

Ion Ratio Lower Upper

91 100

106 29.2 21.5 39.9



#53

m,p-Xylene

Concen: 1.714 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW021643.D

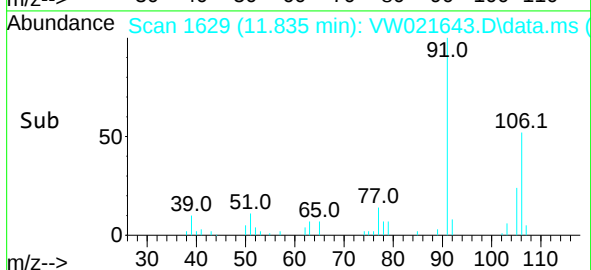
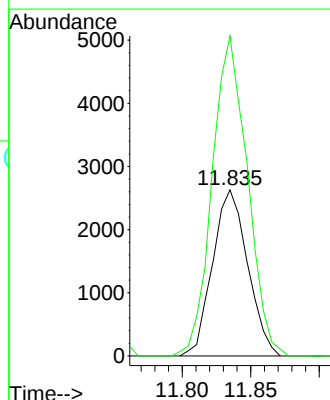
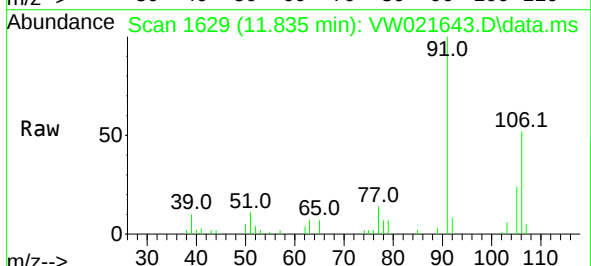
Acq: 25 Dec 2021 14:08

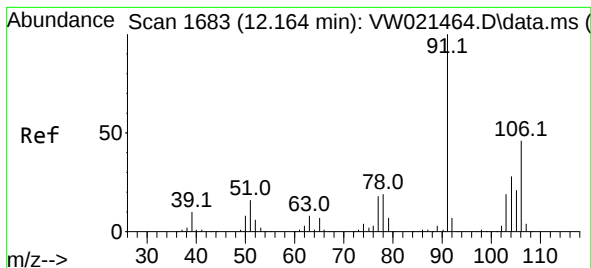
Tgt Ion:106 Resp: 4683

Ion Ratio Lower Upper

106 100

91 192.7 149.9 278.3





#54

o-Xylene

Concen: 0.755 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021643.D

Acq: 25 Dec 2021 14:08

Instrument :

MSVOA_W

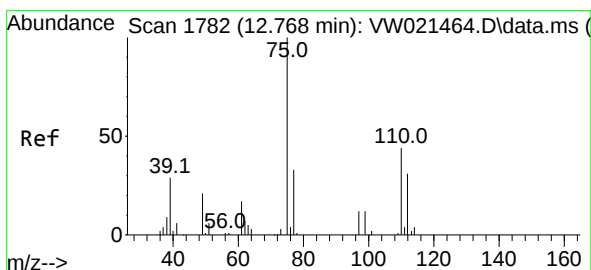
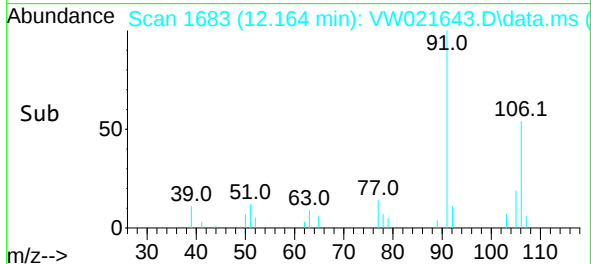
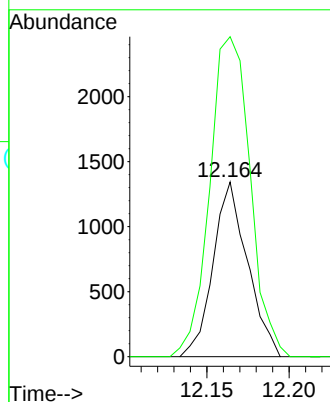
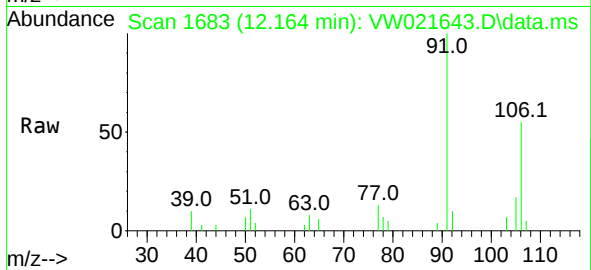
ClientSampleId :

Tgt Ion:106 Resp: 1958

Ion Ratio Lower Upper

106 100

91 183.1 153.6 285.3



#61

1,2,3-Trichloropropane

Concen: 7.275 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021643.D

Acq: 25 Dec 2021 14:08

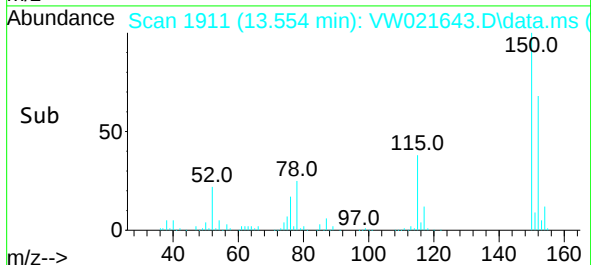
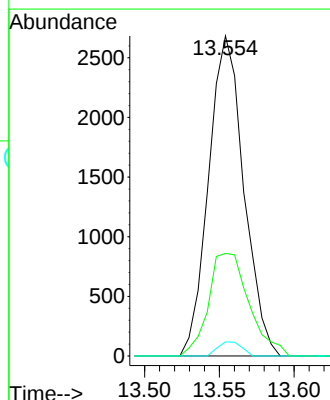
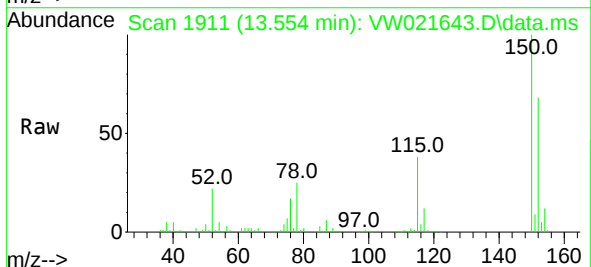
Tgt Ion: 75 Resp: 4393

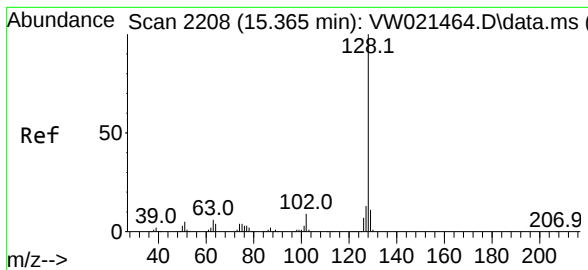
Ion Ratio Lower Upper

75 100

77 37.1 25.8 38.8

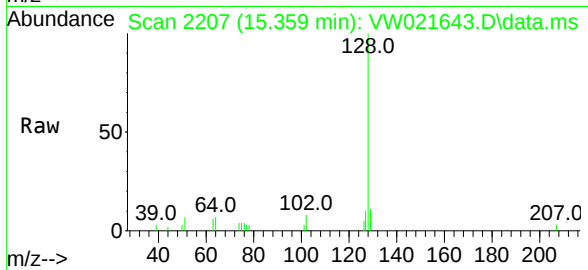
110 3.0 29.0 43.4#





#71
 Naphthalene
 Concen: 1.800 ug/L
 RT: 15.359 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW021643.D
 Acq: 25 Dec 2021 14:08

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	128	Resp:	4676
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.7	16.1
129	9.9	8.6	12.8

