

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
 Data File : VW022029.D
 Acq On : 02 Feb 2022 14:23
 Operator : SY/VA
 Sample : N1353-09
 Misc : 3.22g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0VF2

Quant Time: Feb 03 00:43:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 03 00:41:48 2022
 Response via : Initial Calibration

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

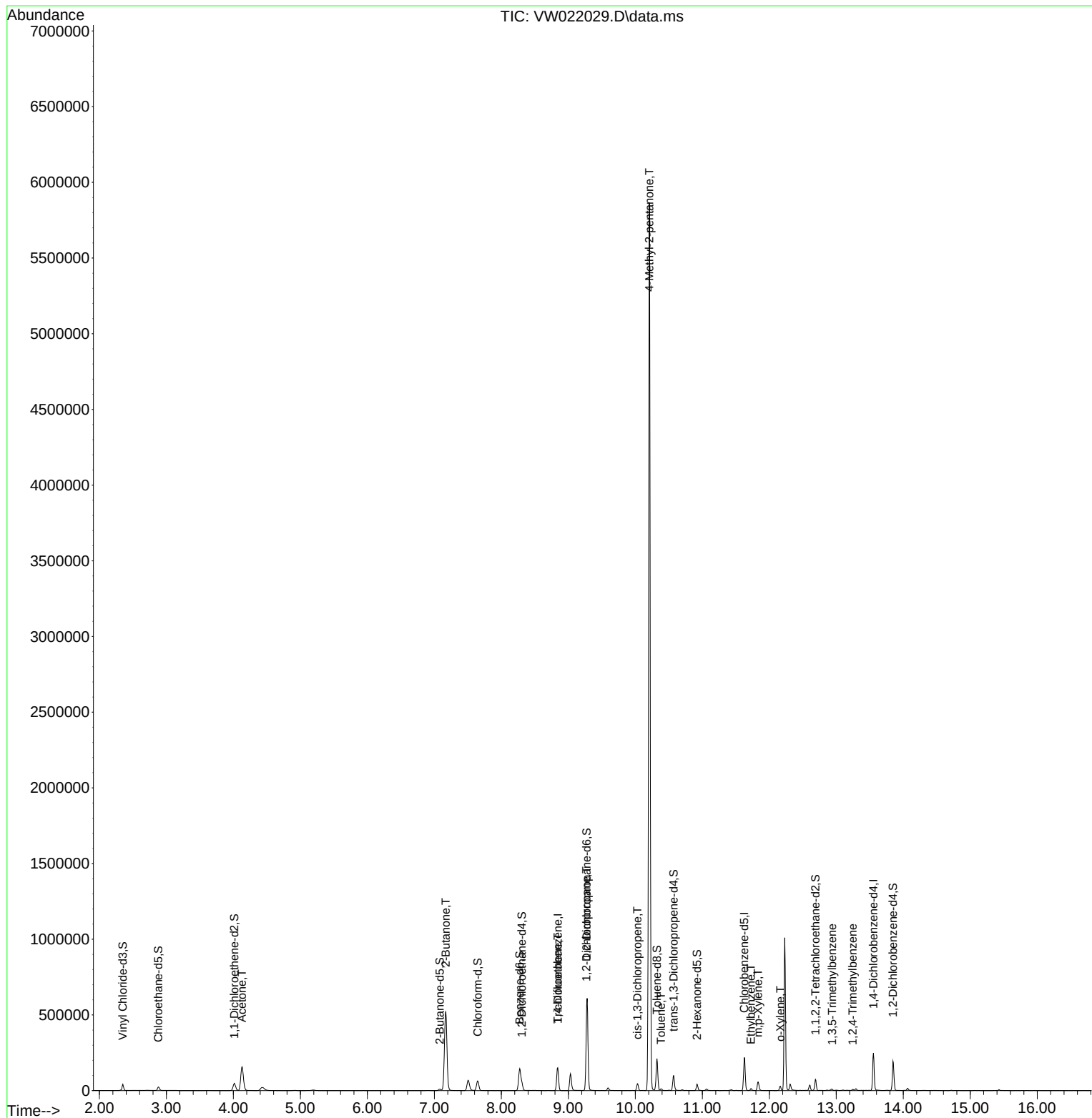
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	136838	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	130342	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	68750	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	38049	23.084	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.320%
7) Chloroethane-d5	2.879	69	24722	19.482	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.920%
11) 1,1-Dichloroethene-d2	4.013	63	43472	14.928	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.720%
21) 2-Butanone-d5	7.080	46	15437	52.803	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.600%
24) Chloroform-d	7.647	84	65852	20.685	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.720%
26) 1,2-Dichloroethane-d4	8.305	65	36804	23.236	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.960%
32) Benzene-d6	8.275	84	134926	20.484	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.920%
36) 1,2-Dichloropropane-d6	9.274	67	38046	21.236	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.960%
41) Toluene-d8	10.323	98	141156	21.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.480%
43) trans-1,3-Dichloroprop...	10.573	79	16329	20.810	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.240%
47) 2-Hexanone-d5	10.920	63	14408	55.314	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.620%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	33485	22.915	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.680%
66) 1,2-Dichlorobenzene-d4	13.847	152	52140	21.023	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.080%
Target Compounds						Qvalue
13) Acetone	4.129	43	283995	1040.128	ug/L	100
22) 2-Butanone	7.171	43	833878	2358.829	ug/L	94
34) Trichloroethene	8.842	95	3856	1.985	ug/L #	1
37) 1,2-Dichloropropane	9.268	63	5112	3.406	ug/L #	82
39) cis-1,3-Dichloropropene	10.030	75	1474	0.612	ug/L #	76
40) 4-Methyl-2-pentanone	10.207	43	3242102	4402.515	ug/L	98
42) Toluene	10.384	91	8205	1.059	ug/L	95
52) Ethylbenzene	11.725	91	8913	1.043	ug/L	94
53) m,p-Xylene	11.829	106	17808	5.022	ug/L	96
54) o-Xylene	12.164	106	8397	2.531	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	2020	0.339	ug/L	92
63) 1,2,4-Trimethylbenzene	13.243	105	4909	0.676	ug/L	96

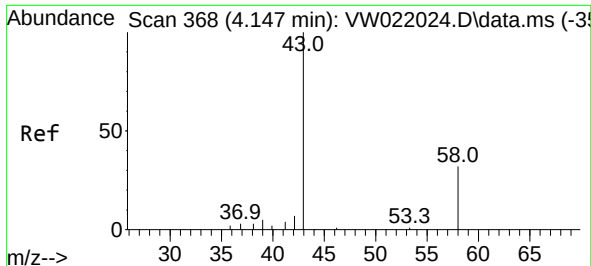
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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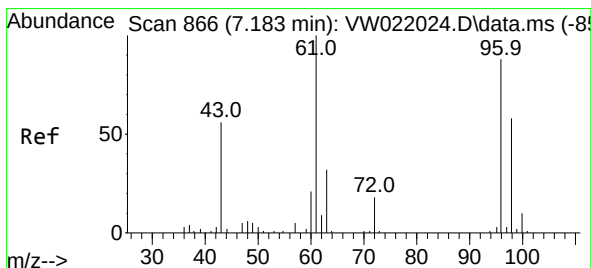
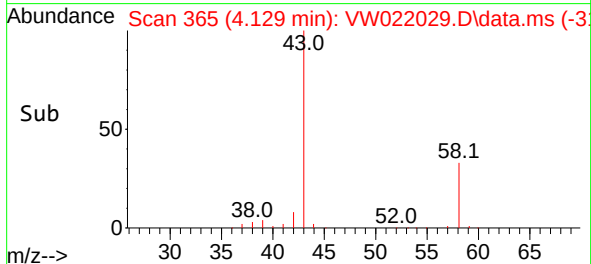
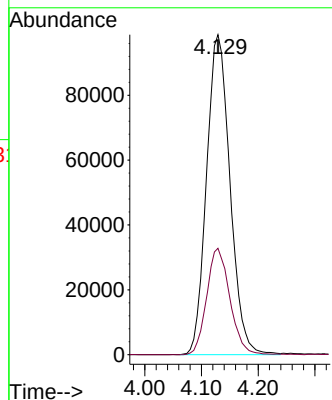
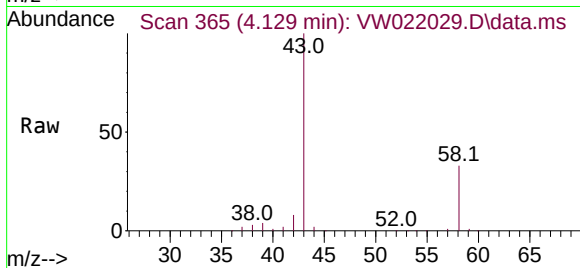




#13
Acetone
Concen: 1040.128 ug/L
RT: 4.129 min Scan# 30
Delta R.T. -0.018 min
Lab File: VW022029.D
Acq: 02 Feb 2022 14:23

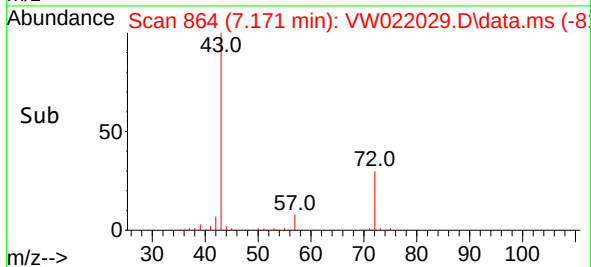
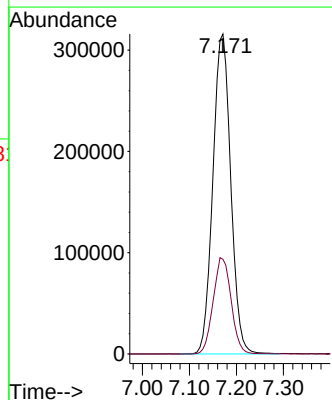
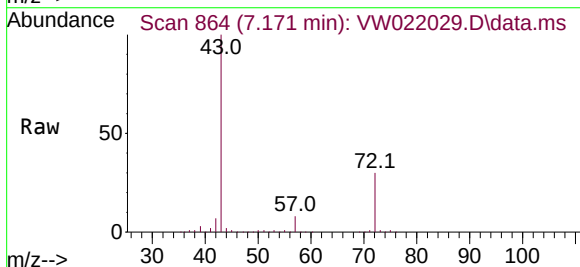
Instrument :
MSVOA_W
ClientSampleId :
C0VF2

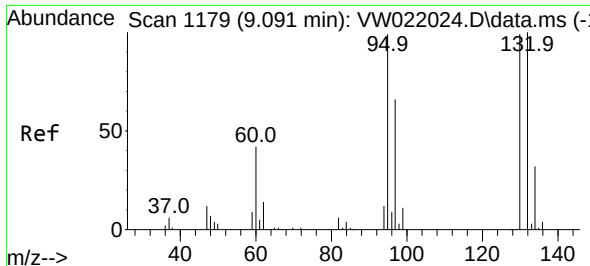
Tgt Ion: 43 Resp: 283995
Ion Ratio Lower Upper
43 100
58 32.8 0.0 66.0



#22
2-Butanone
Concen: 2358.829 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.012 min
Lab File: VW022029.D
Acq: 02 Feb 2022 14:23

Tgt Ion: 43 Resp: 833878
Ion Ratio Lower Upper
43 100
72 30.3 16.8 50.4





#34

Trichloroethene

Concen: 1.985 ug/L

RT: 8.842 min Scan# 1179

Delta R.T. -0.250 min

Lab File: VW022029.D

Acq: 02 Feb 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

COVF2

Tgt Ion: 95 Resp: 3856

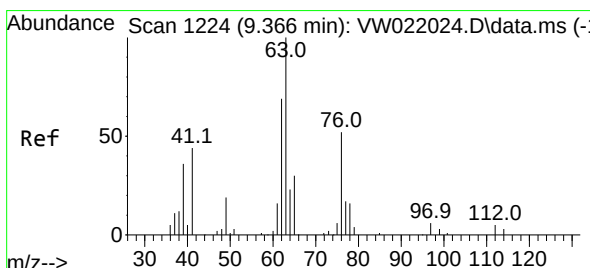
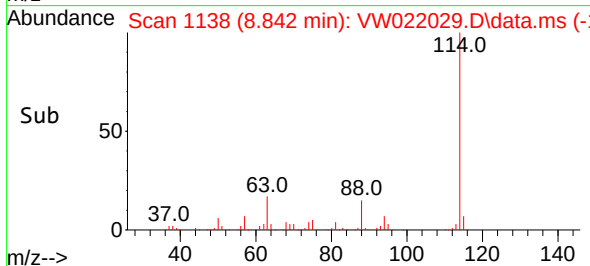
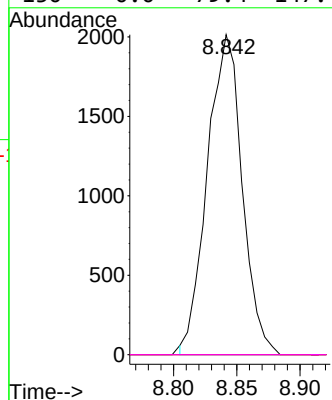
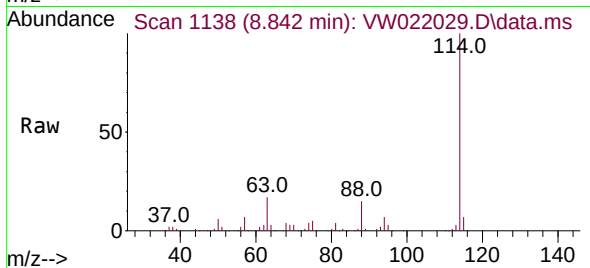
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.7#

132 0.0 76.1 141.3#

130 0.0 79.4 147.4#



#37

1,2-Dichloropropane

Concen: 3.406 ug/L

RT: 9.268 min Scan# 1208

Delta R.T. -0.097 min

Lab File: VW022029.D

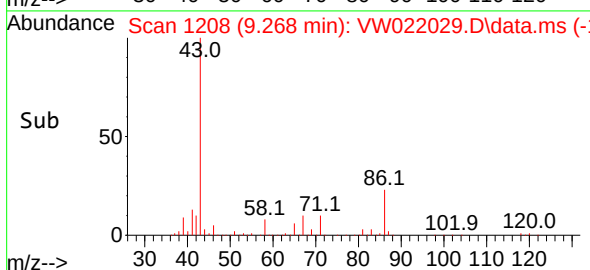
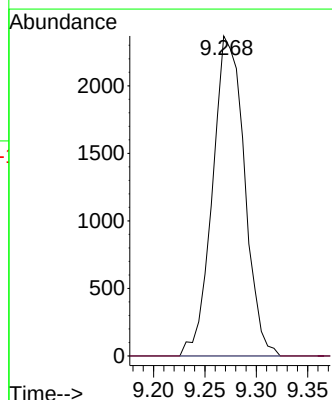
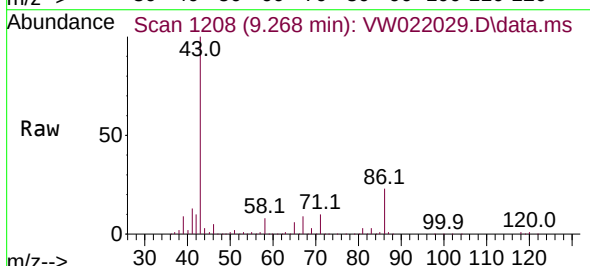
Acq: 02 Feb 2022 14:23

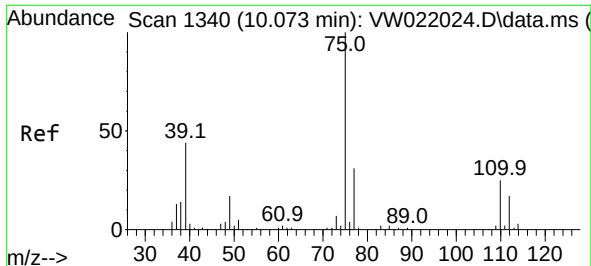
Tgt Ion: 63 Resp: 5112

Ion Ratio Lower Upper

63 100

112 0.0 4.7 7.1#





#39

cis-1,3-Dichloropropene

Concen: 0.612 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW022029.D

Acq: 02 Feb 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

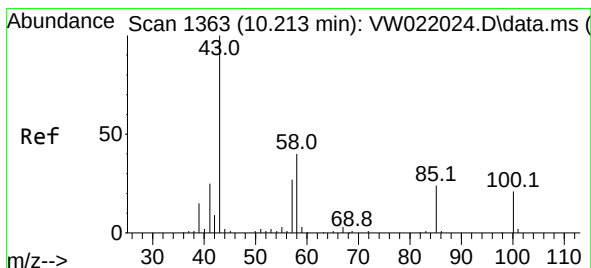
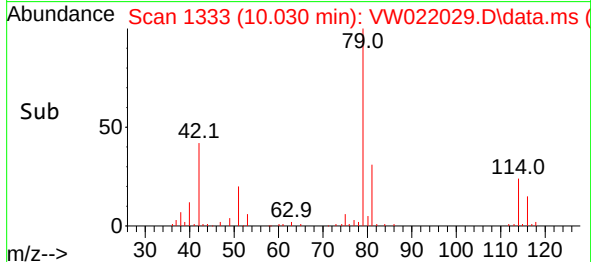
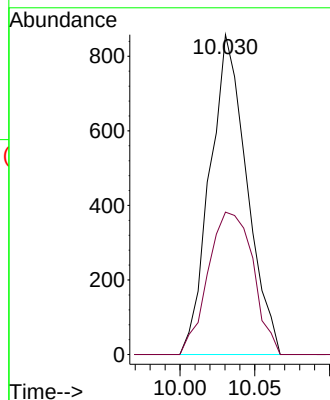
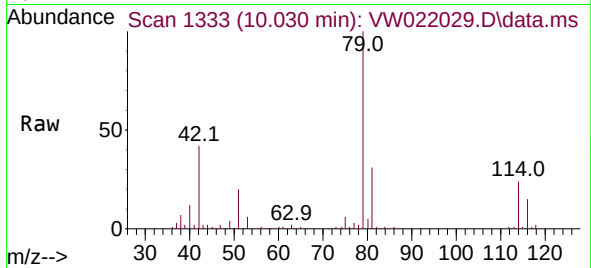
C0VF2

Tgt Ion: 75 Resp: 1474

Ion Ratio Lower Upper

75 100

77 44.5 21.9 40.7#



#40

4-Methyl-2-pentanone

Concen: 4402.515 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW022029.D

Acq: 02 Feb 2022 14:23

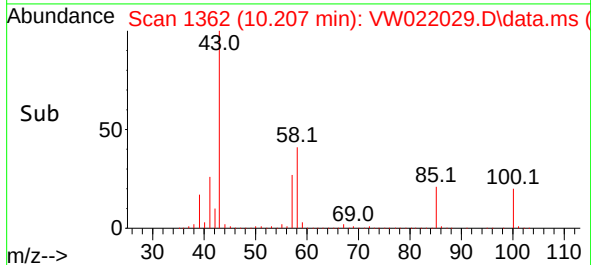
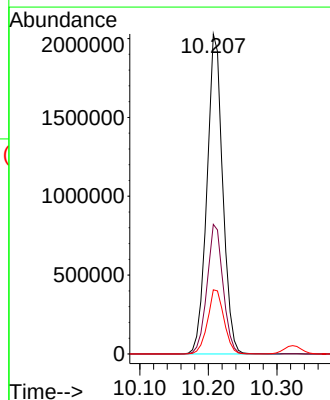
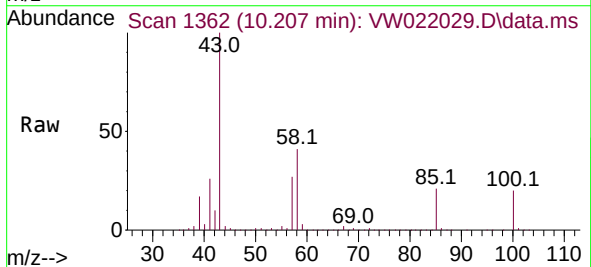
Tgt Ion: 43 Resp: 3242102

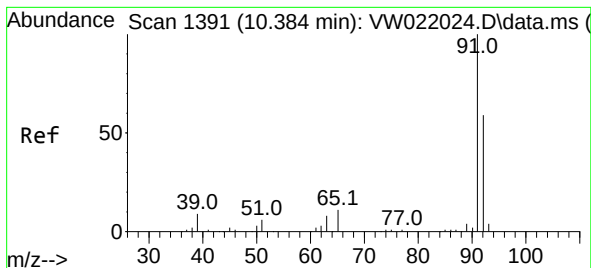
Ion Ratio Lower Upper

43 100

58 41.3 34.4 51.6

100 20.9 17.0 25.4





#42

Toluene

Concen: 1.059 ug/L

RT: 10.384 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022029.D

Acq: 02 Feb 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

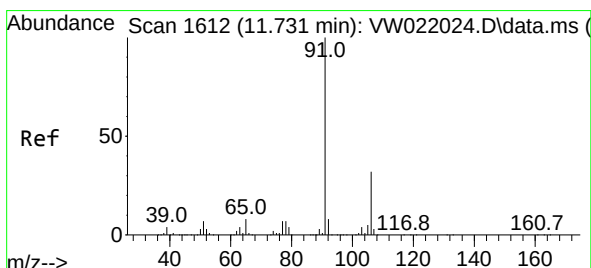
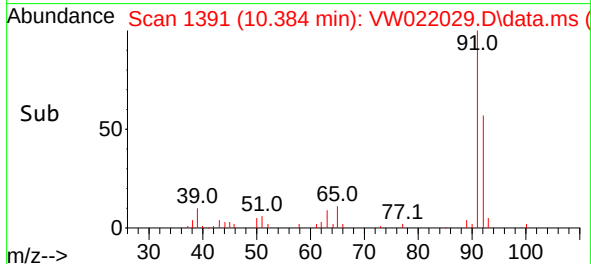
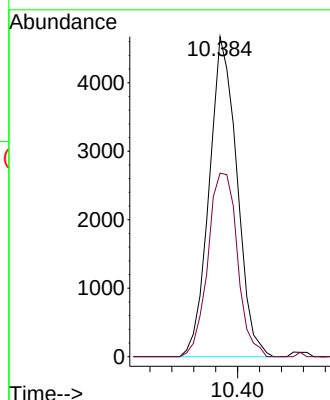
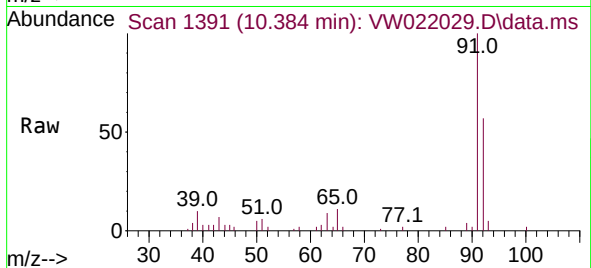
COVF2

Tgt Ion: 91 Resp: 8205

Ion Ratio Lower Upper

91 100

92 57.3 42.6 79.2



#52

Ethylbenzene

Concen: 1.043 ug/L

RT: 11.725 min Scan# 1611

Delta R.T. -0.006 min

Lab File: VW022029.D

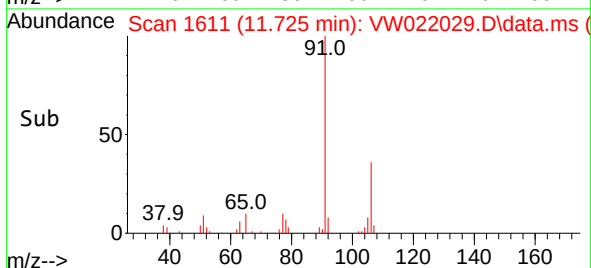
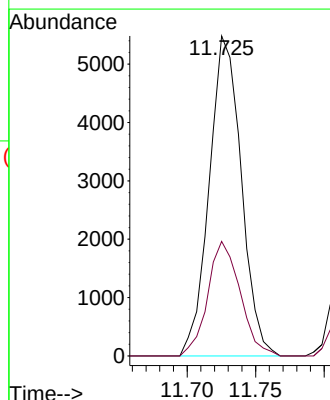
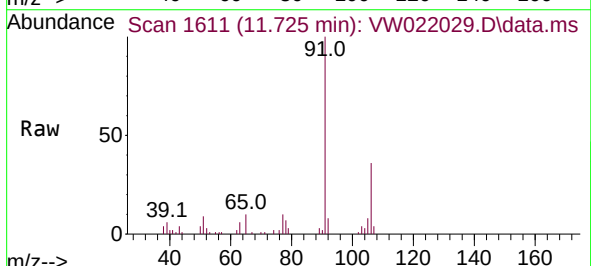
Acq: 02 Feb 2022 14:23

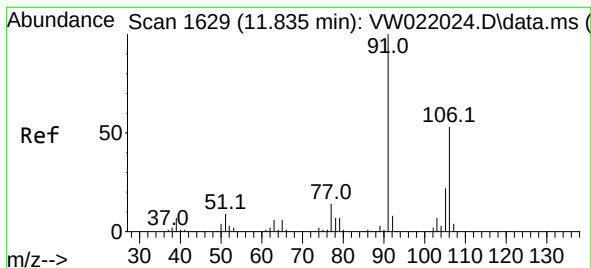
Tgt Ion: 91 Resp: 8913

Ion Ratio Lower Upper

91 100

106 35.8 22.8 42.4





#53

m,p-Xylene

Concen: 5.022 ug/L

RT: 11.829 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022029.D

Acq: 02 Feb 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

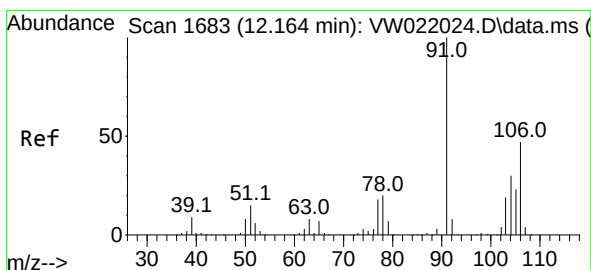
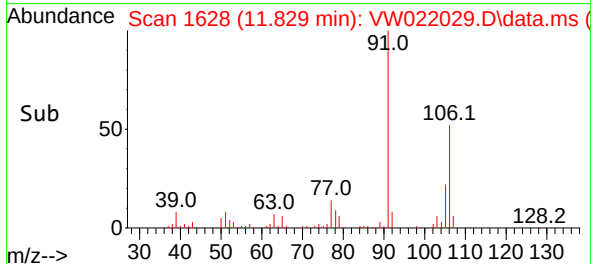
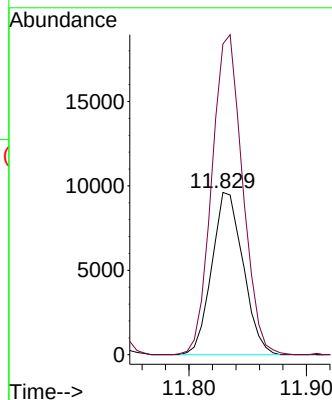
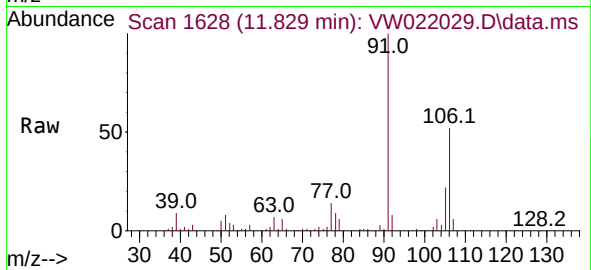
C0VF2

Tgt Ion:106 Resp: 17808

Ion Ratio Lower Upper

106 100

91 191.5 129.6 240.8



#54

o-Xylene

Concen: 2.531 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VW022029.D

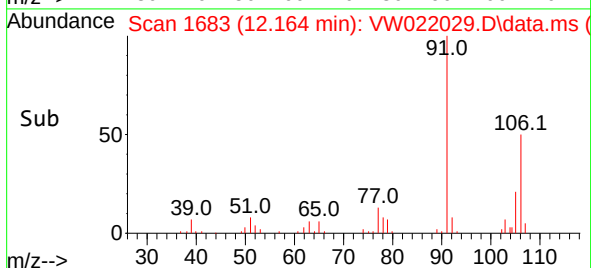
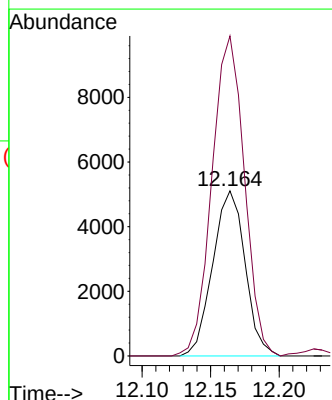
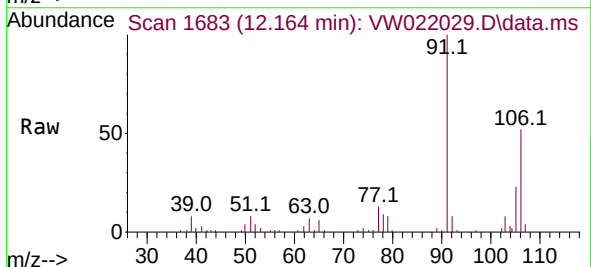
Acq: 02 Feb 2022 14:23

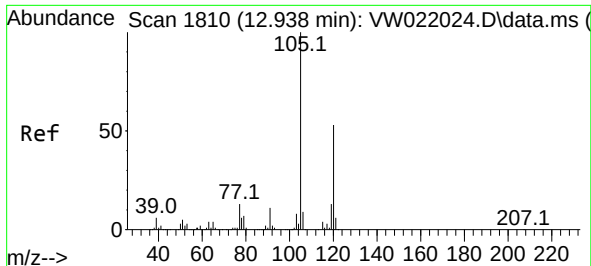
Tgt Ion:106 Resp: 8397

Ion Ratio Lower Upper

106 100

91 193.7 136.4 253.4

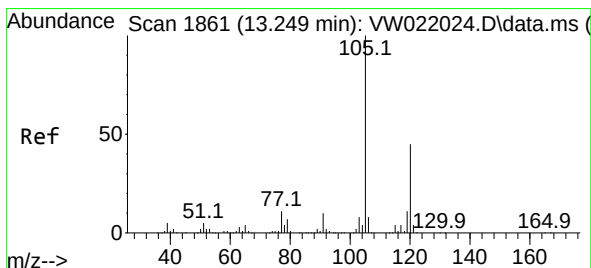
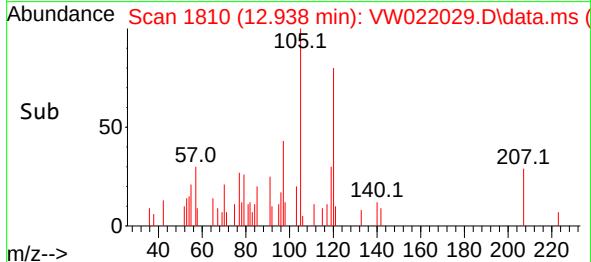
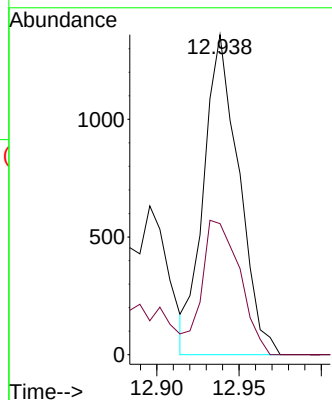
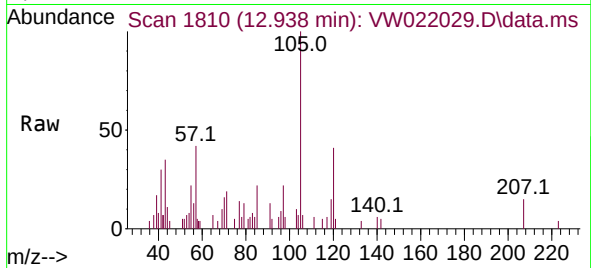




#62
1,3,5-Trimethylbenzene
Concen: 0.339 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022029.D
Acq: 02 Feb 2022 14:23

Instrument :
MSVOA_W
ClientSampleId :
C0VF2

Tgt Ion:105 Resp: 2020
Ion Ratio Lower Upper
105 100
120 45.3 40.9 61.3



#63
1,2,4-Trimethylbenzene
Concen: 0.676 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW022029.D
Acq: 02 Feb 2022 14:23

Tgt Ion:105 Resp: 4909
Ion Ratio Lower Upper
105 100
120 44.8 37.8 56.8

