

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022020.D
 Acq On : 01 Feb 2022 22:44
 Operator : SY/VA
 Sample : N1353-10
 Misc : 4.26g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COVF3

Quant Time: Feb 02 01:18:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 02 01:06:57 2022
 Response via : Initial Calibration

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

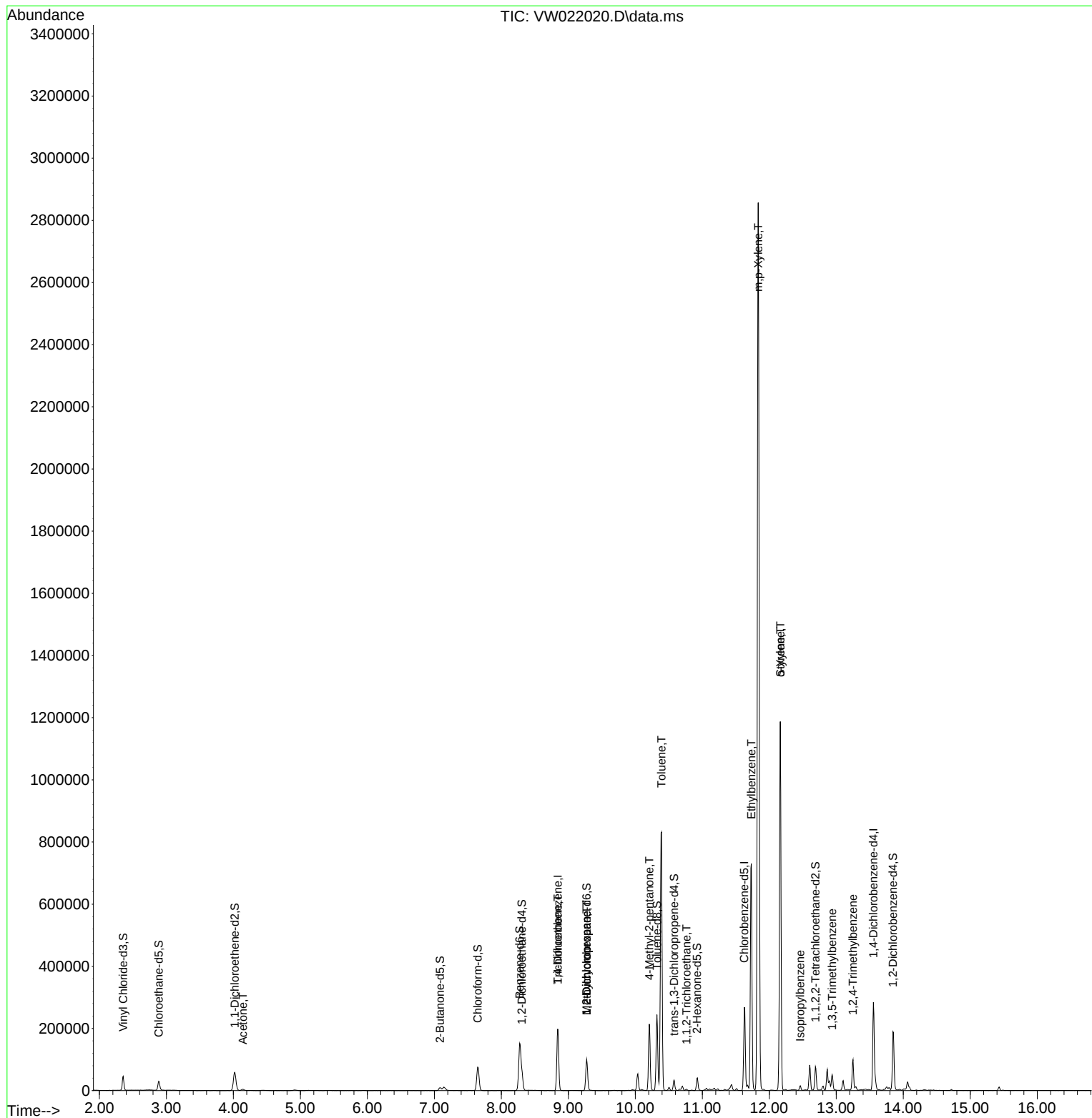
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	177173	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	161068	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	76942	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	42650	19.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.920%
7) Chloroethane-d5	2.885	69	30629	18.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.560%
11) 1,1-Dichloroethene-d2	4.019	63	54850	14.547	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.200%
21) 2-Butanone-d5	7.086	46	15805	41.754	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.500%
24) Chloroform-d	7.647	84	78528	19.051	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.200%
26) 1,2-Dichloroethane-d4	8.305	65	41423	20.198	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.800%
32) Benzene-d6	8.275	84	160845	19.761	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.040%
36) 1,2-Dichloropropane-d6	9.275	67	43998	19.873	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.480%
41) Toluene-d8	10.323	98	158719	19.675	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.720%
43) trans-1,3-Dichloroprop...	10.579	79	17810	18.368	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.480%
47) 2-Hexanone-d5	10.921	63	13611	42.286	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.580%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	34396	19.049	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.200%
66) 1,2-Dichlorobenzene-d4	13.847	152	54066	19.479	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.920%
Target Compounds						Qvalue
13) Acetone	4.141	43	7800	22.064	ug/L	100
34) Trichloroethene	8.842	95	5325	2.218	ug/L #	1
35) Methylcyclohexane	9.275	83	11687	2.885	ug/L #	22
37) 1,2-Dichloropropane	9.275	63	5365	2.893	ug/L #	82
40) 4-Methyl-2-pentanone	10.207	43	129509	142.315	ug/L	98
42) Toluene	10.390	91	638365	66.687	ug/L	98
45) 1,1,2-Trichloroethane	10.762	97	1708	1.083	ug/L #	21
52) Ethylbenzene	11.731	91	538153	50.952	ug/L	96
53) m,p-Xylene	11.835	106	976047	222.734	ug/L	100
54) o-Xylene	12.164	106	347076	84.668	ug/L	99
55) Styrene	12.164	104	17196	2.597	ug/L #	1
60) Isopropylbenzene	12.463	105	9670	0.962	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	24300	3.645	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	54483	6.707	ug/L	100

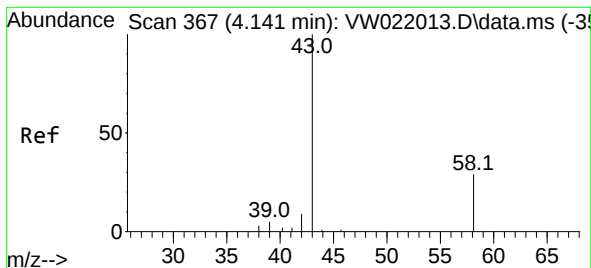
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Feb 02 01:06:57 2022
Response via : Initial Calibration





#13

Acetone

Concen: 22.064 ug/L

RT: 4.141 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW022020.D

Acq: 01 Feb 2022 22:44

Instrument :

MSVOA_W

ClientSampleId :

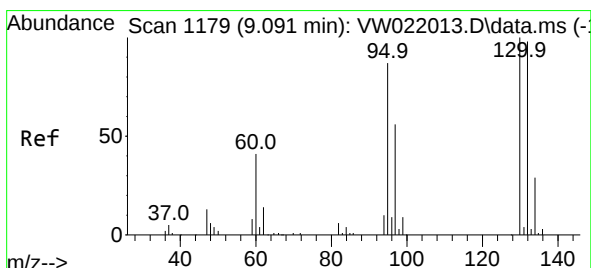
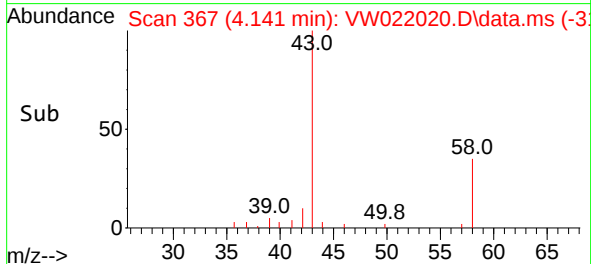
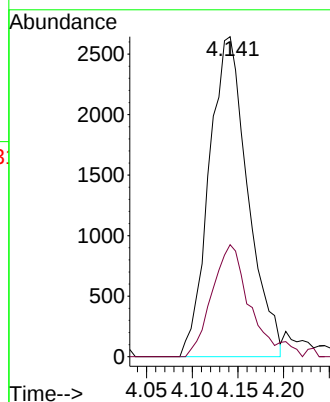
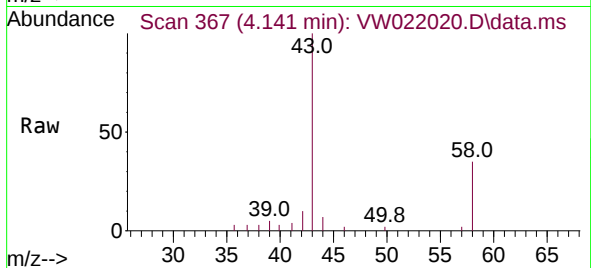
COVF3

Tgt Ion: 43 Resp: 7800

Ion Ratio Lower Upper

43 100

58 32.7 0.0 66.0



#34

Trichloroethene

Concen: 2.218 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW022020.D

Acq: 01 Feb 2022 22:44

Tgt Ion: 95 Resp: 5325

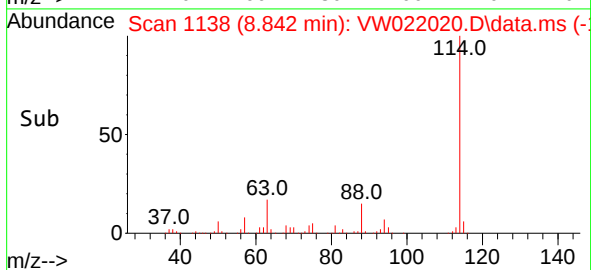
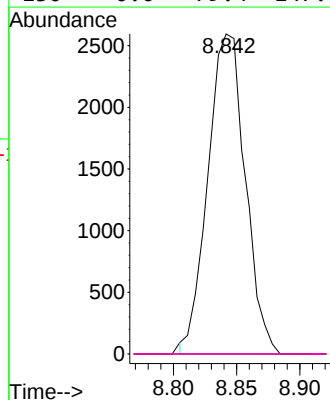
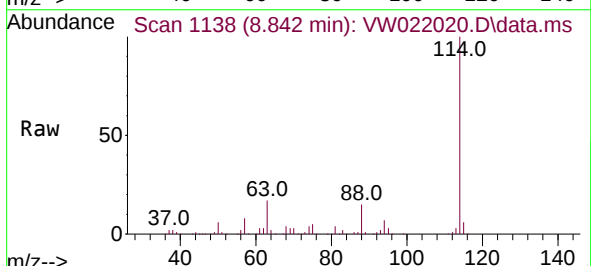
Ion Ratio Lower Upper

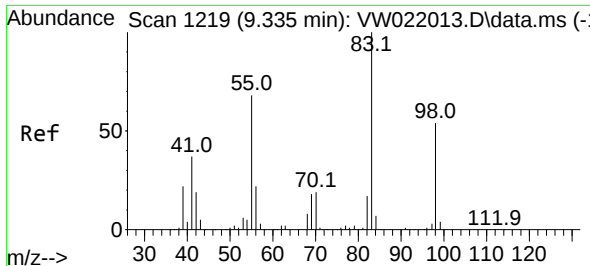
95 100

97 0.0 45.1 83.7#

132 0.0 76.1 141.3#

130 0.0 79.4 147.4#

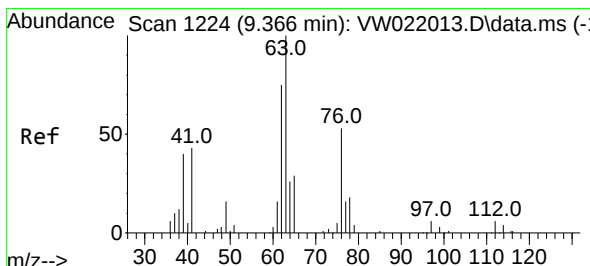
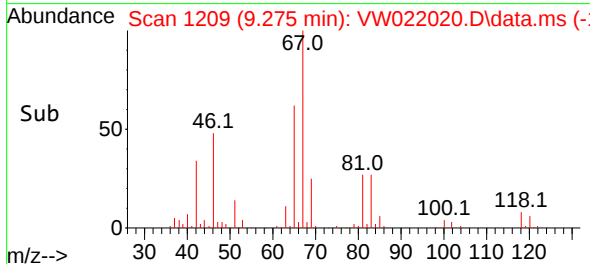
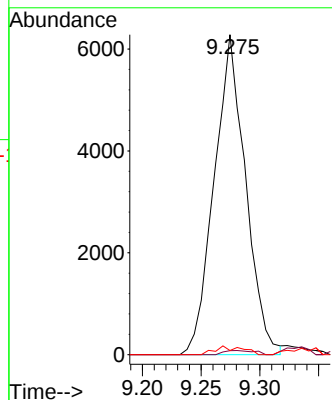
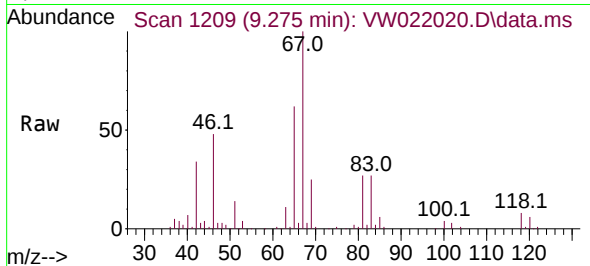




#35
Methylcyclohexane
Concen: 2.885 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW022020.D
Acq: 01 Feb 2022 22:44

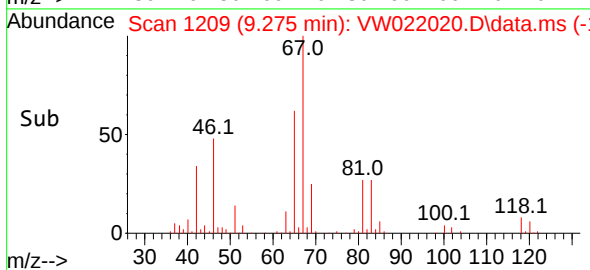
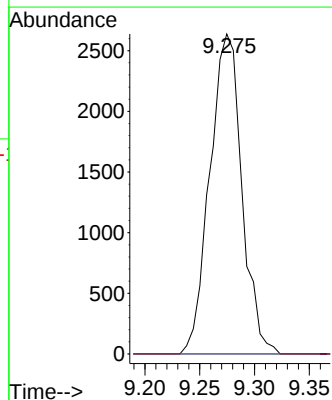
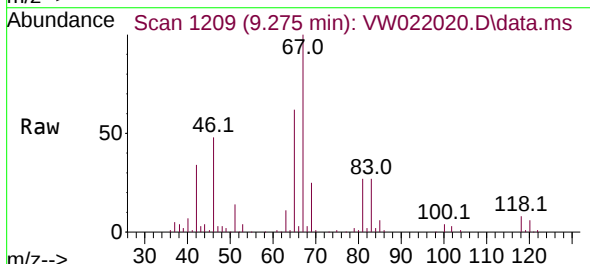
Instrument :
MSVOA_W
ClientSampleId :
C0VF3

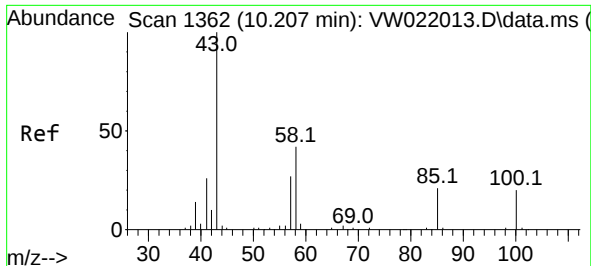
Tgt Ion: 83 Resp: 11687
Ion Ratio Lower Upper
83 100
55 1.1 53.4 80.2#
98 1.1 42.6 63.8#



#37
1,2-Dichloropropane
Concen: 2.893 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW022020.D
Acq: 01 Feb 2022 22:44

Tgt Ion: 63 Resp: 5365
Ion Ratio Lower Upper
63 100
112 0.0 4.7 7.1#





#40

4-Methyl-2-pentanone

Concen: 142.315 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022020.D

Acq: 01 Feb 2022 22:44

Instrument :

MSVOA_W

ClientSampleId :

COVF3

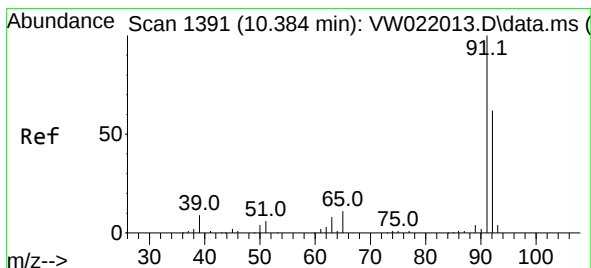
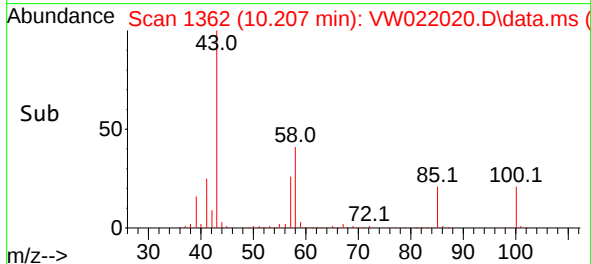
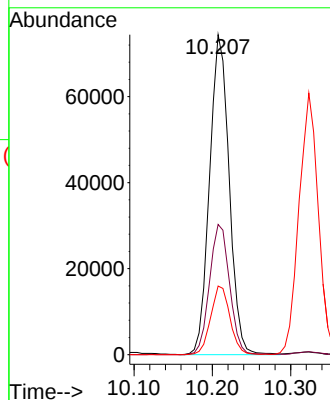
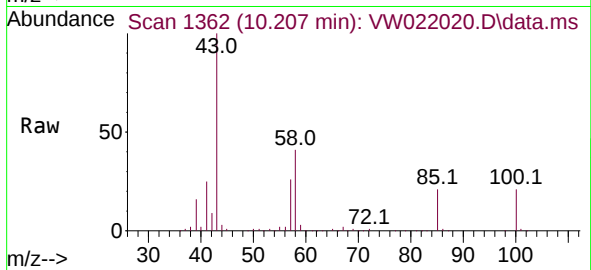
Tgt Ion: 43 Resp: 129509

Ion Ratio Lower Upper

43 100

58 41.6 34.4 51.6

100 21.1 17.0 25.4



#42

Toluene

Concen: 66.687 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW022020.D

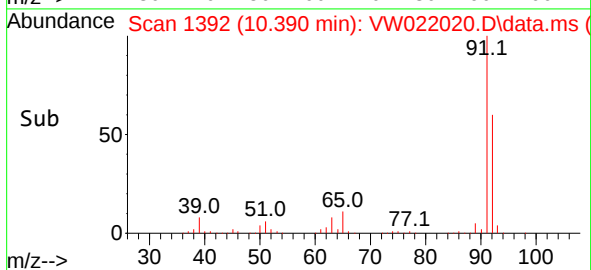
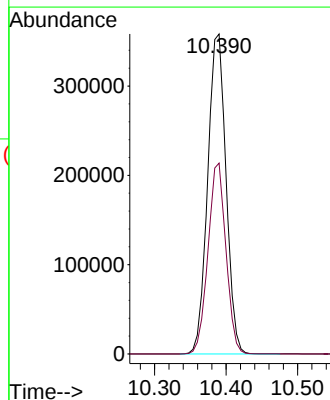
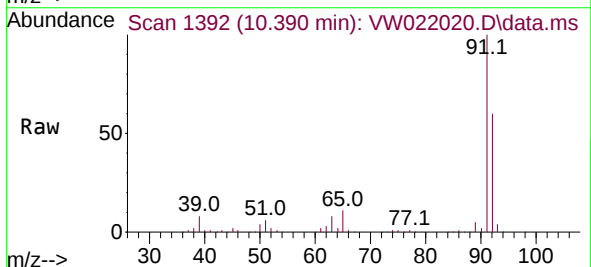
Acq: 01 Feb 2022 22:44

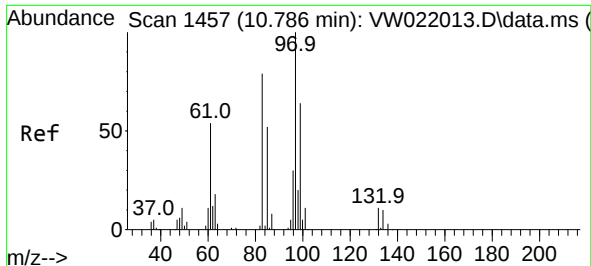
Tgt Ion: 91 Resp: 638365

Ion Ratio Lower Upper

91 100

92 59.7 42.6 79.2

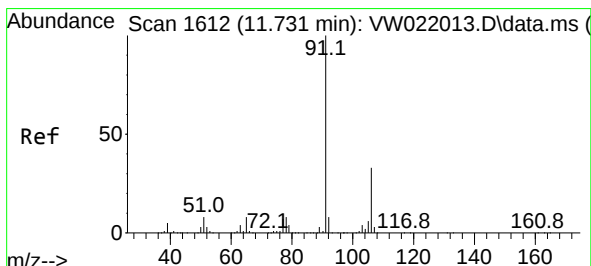
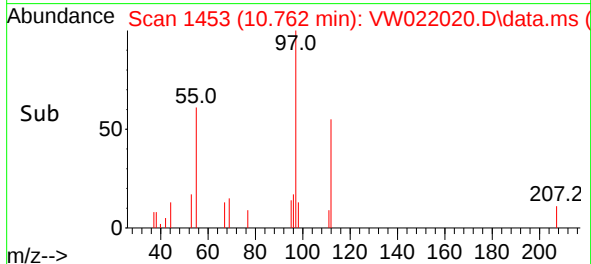
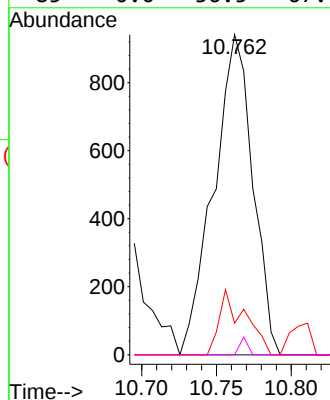
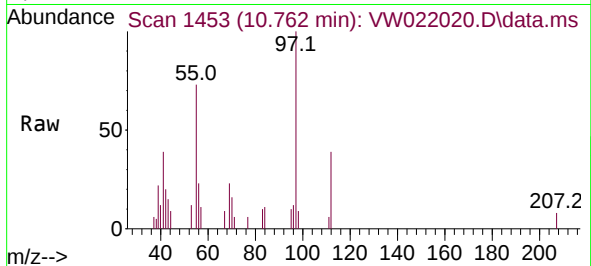




#45
1,1,2-Trichloroethane
Concen: 1.083 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.024 min
Lab File: VW022020.D
Acq: 01 Feb 2022 22:44

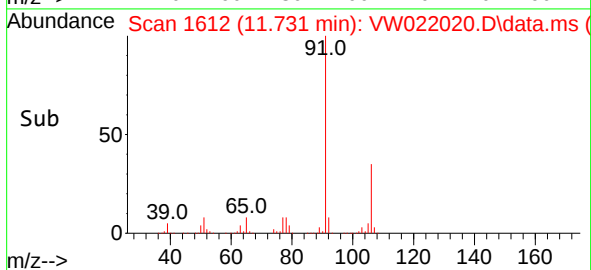
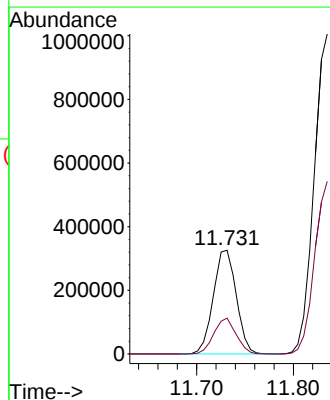
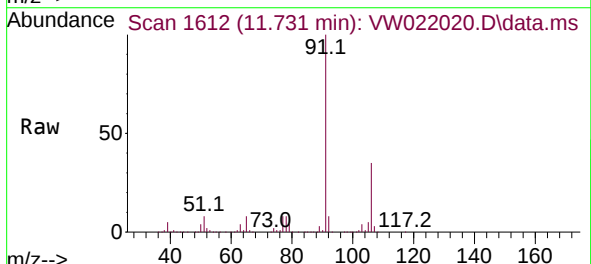
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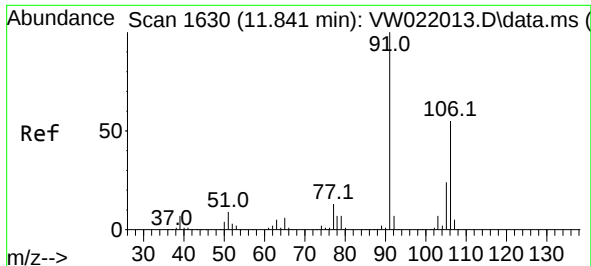
Tgt Ion:	97	Resp:	1708
Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.8	81.4#
83	9.9	56.1	104.3#
85	0.0	36.5	67.7#



#52
Ethylbenzene
Concen: 50.952 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022020.D
Acq: 01 Feb 2022 22:44

Tgt Ion:	91	Resp:	538153
Ion	Ratio	Lower	Upper
91	100		
106	34.6	22.8	42.4

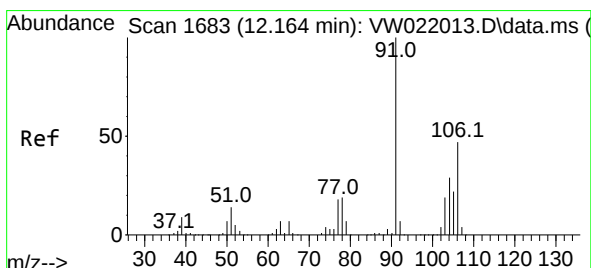
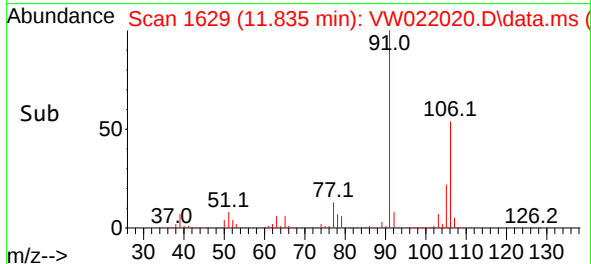
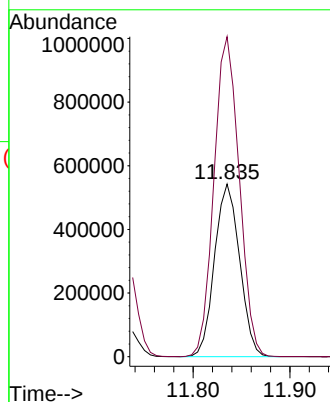
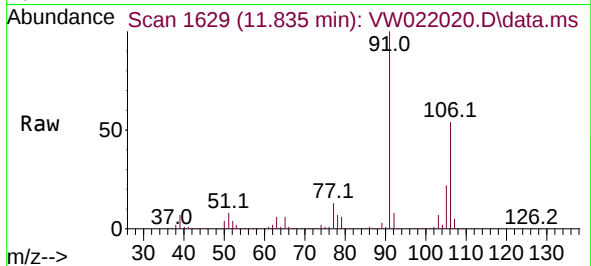




#53
m,p-Xylene
Concen: 222.734 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022020.D
Acq: 01 Feb 2022 22:44

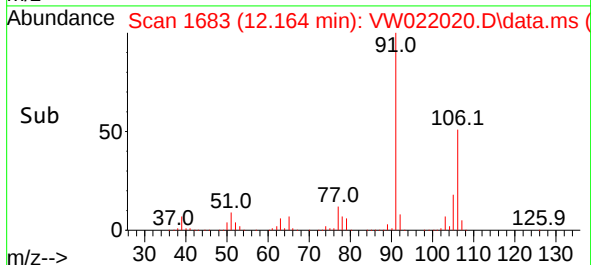
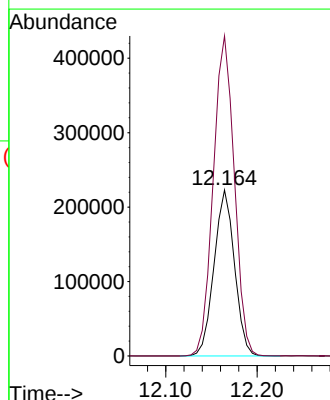
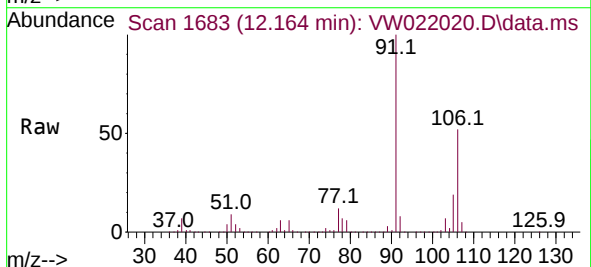
Instrument :
MSVOA_W
ClientSampleId :
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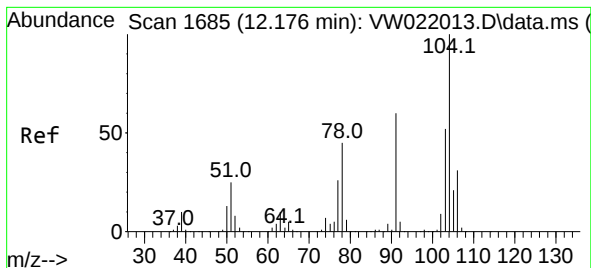
Tgt Ion:106 Resp: 976047
Ion Ratio Lower Upper
106 100
91 185.3 129.6 240.8



#54
o-Xylene
Concen: 84.668 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022020.D
Acq: 01 Feb 2022 22:44

Tgt Ion:106 Resp: 347076
Ion Ratio Lower Upper
106 100
91 192.8 136.4 253.4





#55

Styrene

Concen: 2.597 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.012 min

Lab File: VW022020.D

Acq: 01 Feb 2022 22:44

Instrument :

MSVOA_W

ClientSampleId :

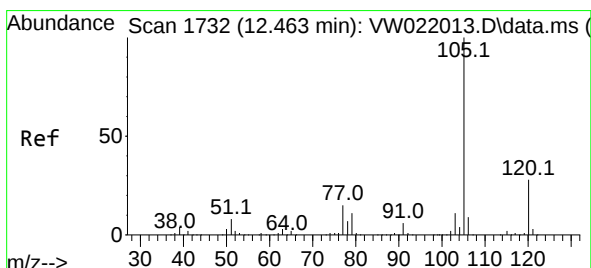
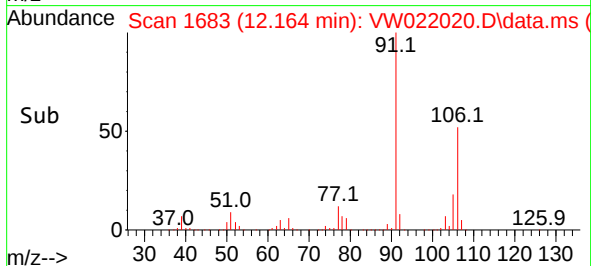
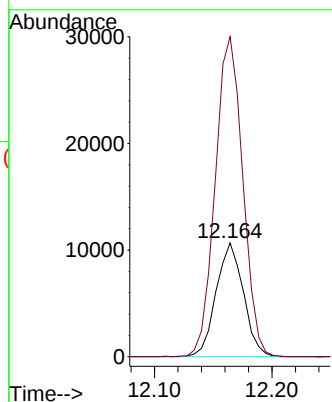
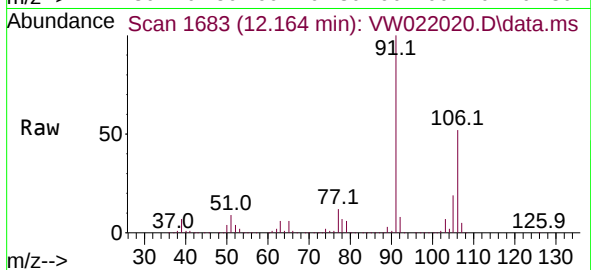
C0VF3

Tgt Ion:104 Resp: 17196

Ion Ratio Lower Upper

104 100

78 281.4 30.9 57.5#



#60

Isopropylbenzene

Concen: 0.962 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW022020.D

Acq: 01 Feb 2022 22:44

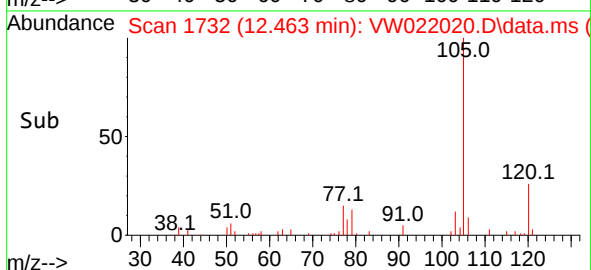
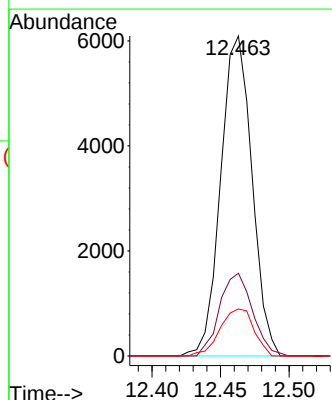
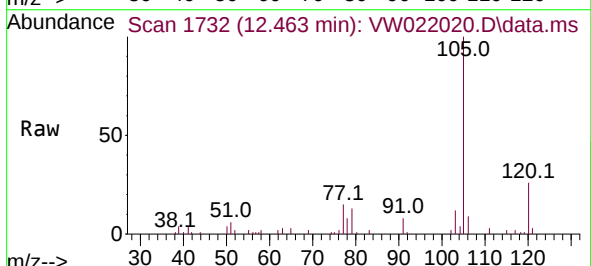
Tgt Ion:105 Resp: 9670

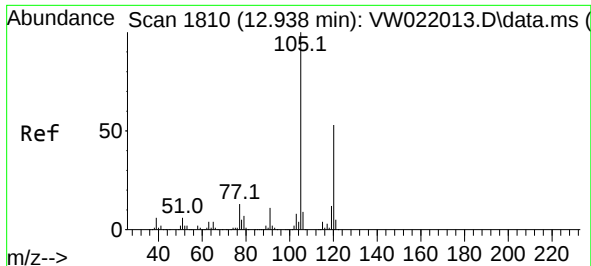
Ion Ratio Lower Upper

105 100

120 27.2 22.1 33.1

77 15.9 11.8 17.8





#62

1,3,5-Trimethylbenzene

Concen: 3.645 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022020.D

Acq: 01 Feb 2022 22:44

Instrument :

MSVOA_W

ClientSampleId :

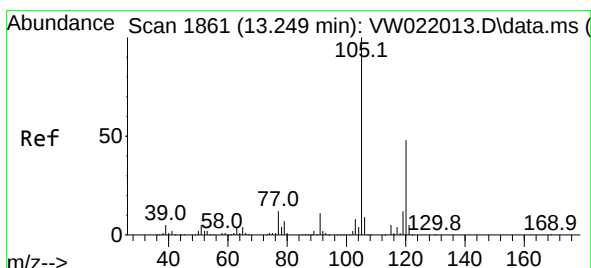
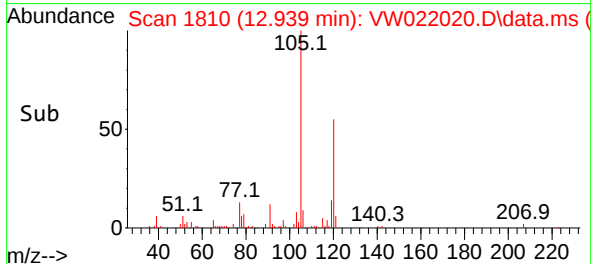
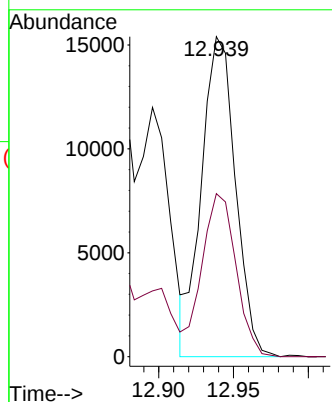
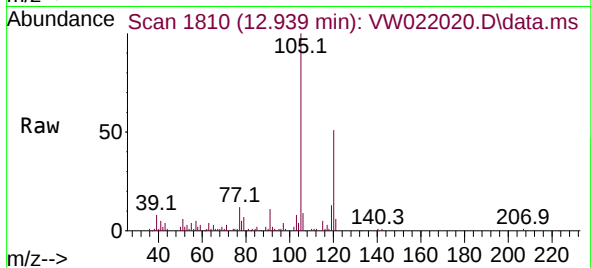
C0VF3

Tgt Ion:105 Resp: 24300

Ion Ratio Lower Upper

105 100

120 51.3 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 6.707 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022020.D

Acq: 01 Feb 2022 22:44

Tgt Ion:105 Resp: 54483

Ion Ratio Lower Upper

105 100

120 47.1 37.8 56.8

