

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011123\
 Data File : VW025223.D
 Acq On : 11 Jan 2023 13:35
 Operator : SY/MD
 Sample : 01120-01
 Misc : 5.24g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C1141

Quant Time: Jan 12 04:20:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 04 00:45:59 2023
 Response via : Initial Calibration

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

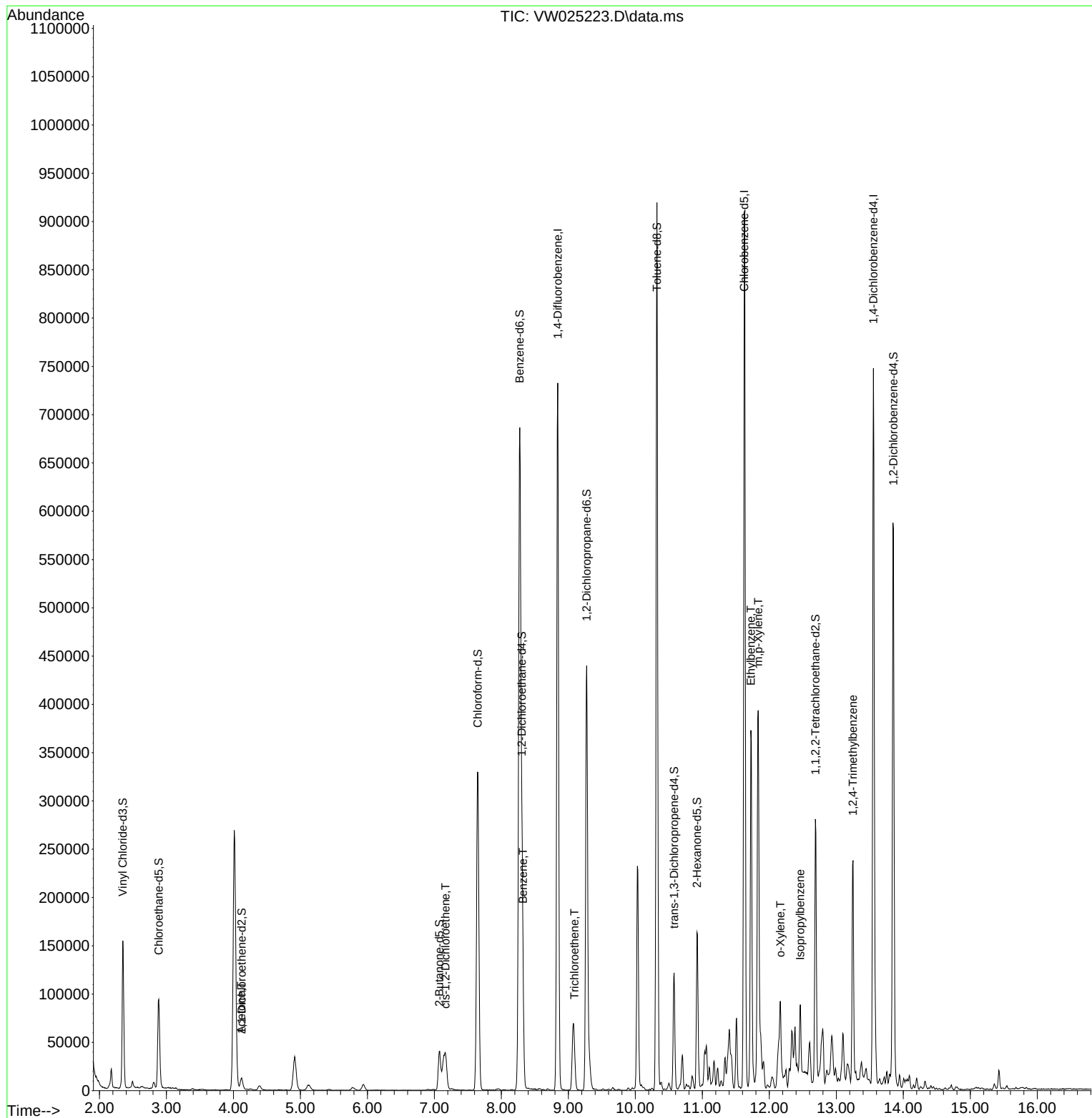
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	607904	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	503802	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	194026	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	144578	20.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.960%
7) Chloroethane-d5	2.885	69	104460	23.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.960%
11) 1,1-Dichloroethene-d2	4.123	63	226	0.015	ug/L	0.10
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.040%#
21) 2-Butanone-d5	7.074	46	69668	38.950	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.900%
24) Chloroform-d	7.647	84	340926	22.376	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.520%
26) 1,2-Dichloroethane-d4	8.305	65	173063	22.051	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	8.275	84	739153	24.433	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.720%
36) 1,2-Dichloropropane-d6	9.274	67	213387	24.113	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.440%
41) Toluene-d8	10.323	98	588863	21.387	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.560%
43) trans-1,3-Dichloroprop...	10.579	79	71097	18.762	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.040%
47) 2-Hexanone-d5	10.920	63	54246	38.901	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.800%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	130816	21.138	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	156087	22.642	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.560%
Target Compounds					Qvalue	
13) Acetone	4.117	43	21056	10.066	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	16654	1.985	ug/L	98
33) Benzene	8.323	78	50123	1.646	ug/L	100
34) Trichloroethene	9.091	95	9585	1.207	ug/L #	92
52) Ethylbenzene	11.725	91	247256	6.926	ug/L	97
53) m,p-Xylene	11.835	106	118316	8.576	ug/L	94
54) o-Xylene	12.164	106	19985	1.574	ug/L	94
60) Isopropylbenzene	12.463	105	47887	1.638	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	131487	5.377	ug/L	99

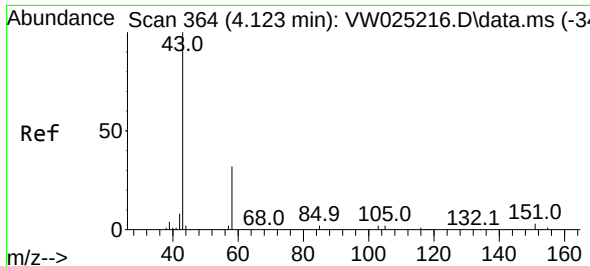
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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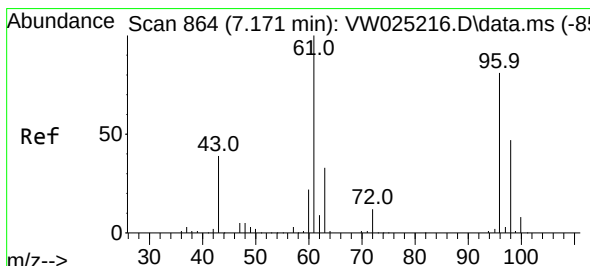
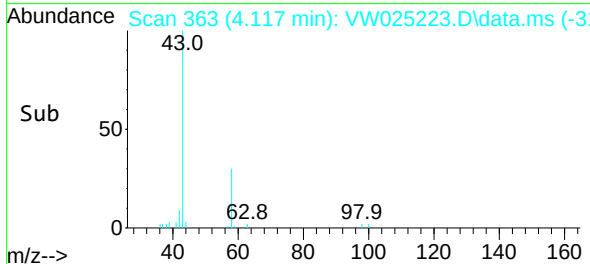
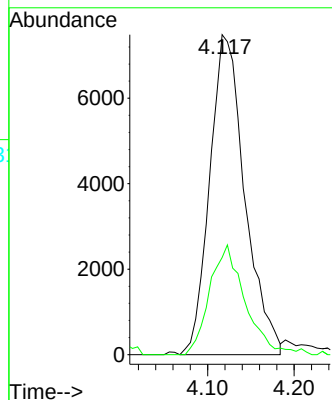
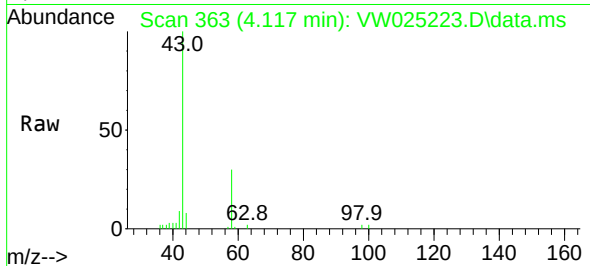




#13
Acetone
Concen: 10.066 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW025223.D
Acq: 11 Jan 2023 13:35

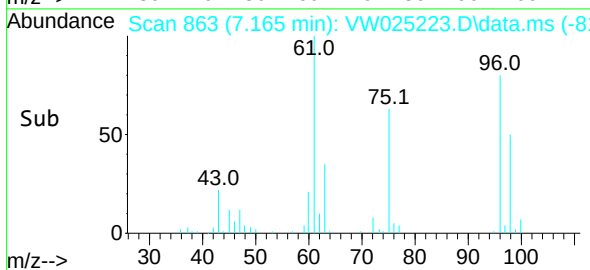
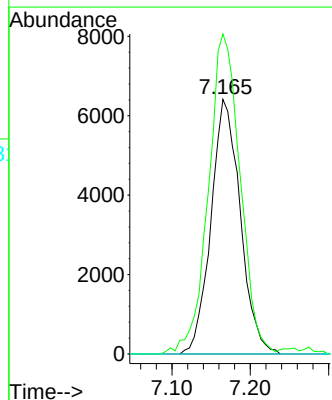
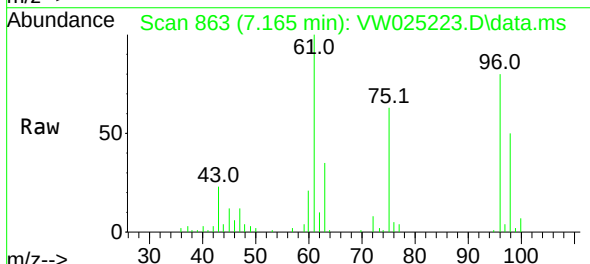
Instrument :
MSVOA_W
ClientSampleId :
C1141

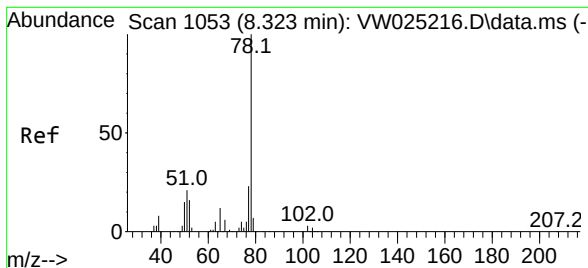
Tgt Ion: 43 Resp: 21056
Ion Ratio Lower Upper
43 100
58 33.7 0.0 66.8



#20
cis-1,2-Dichloroethene
Concen: 1.985 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW025223.D
Acq: 11 Jan 2023 13:35

Tgt Ion: 96 Resp: 16654
Ion Ratio Lower Upper
96 100
61 125.7 86.0 159.8
68 0.0 0.0 0.0





#33

Benzene

Concen: 1.646 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW025223.D

Acq: 11 Jan 2023 13:35

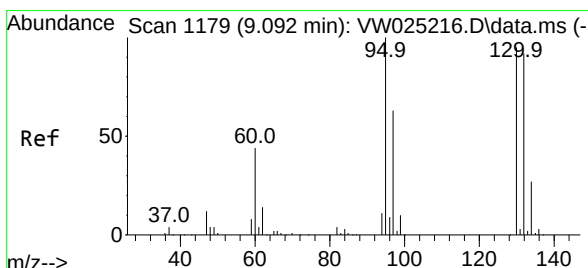
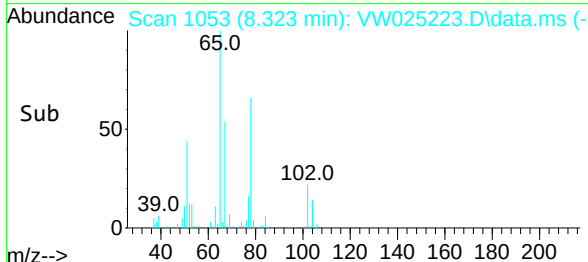
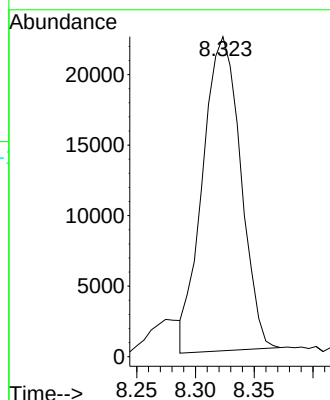
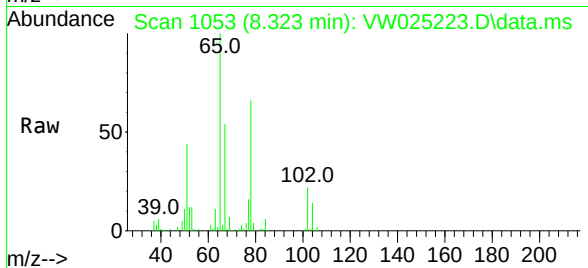
Instrument :

MSVOA_W

ClientSampleId :

C1141

Tgt Ion: 78 Resp: 50123



#34

Trichloroethene

Concen: 1.207 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW025223.D

Acq: 11 Jan 2023 13:35

Tgt Ion: 95 Resp: 9585

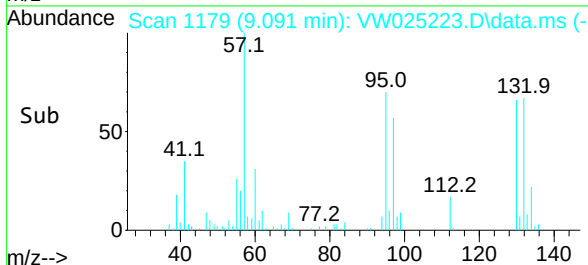
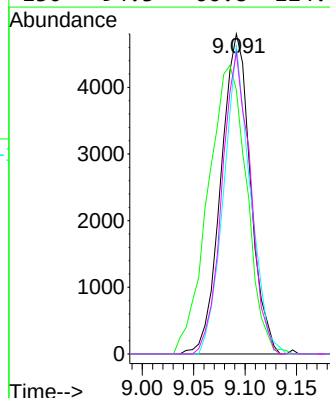
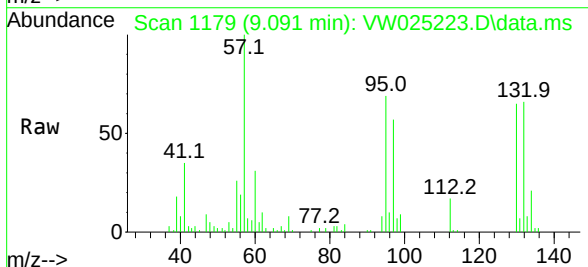
Ion Ratio Lower Upper

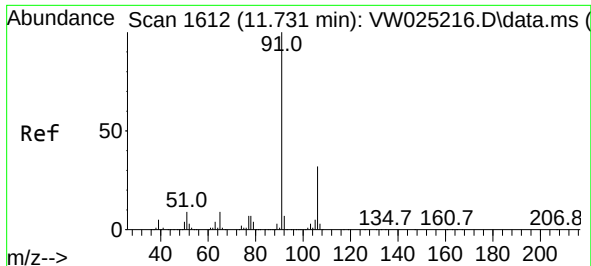
95 100

97 82.5 44.4 82.4#

132 96.6 64.5 119.7

130 94.3 66.8 124.0





#52

Ethylbenzene

Concen: 6.926 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025223.D

Acq: 11 Jan 2023 13:35

Instrument :

MSVOA_W

ClientSampleId :

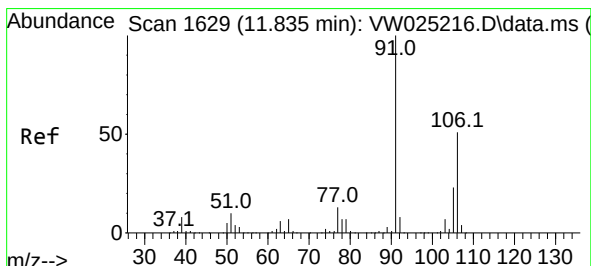
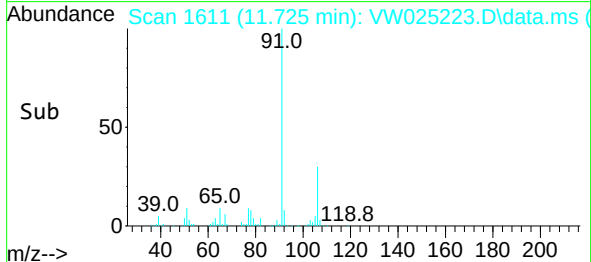
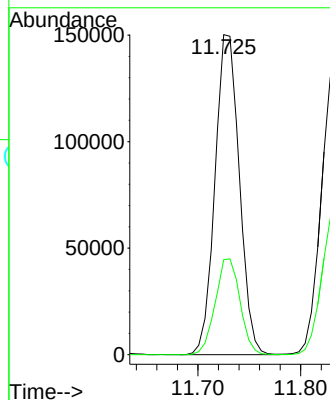
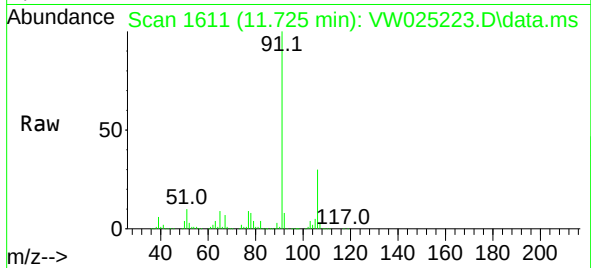
C1141

Tgt Ion: 91 Resp: 247256

Ion Ratio Lower Upper

91 100

106 29.7 22.1 41.1



#53

m,p-Xylene

Concen: 8.576 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW025223.D

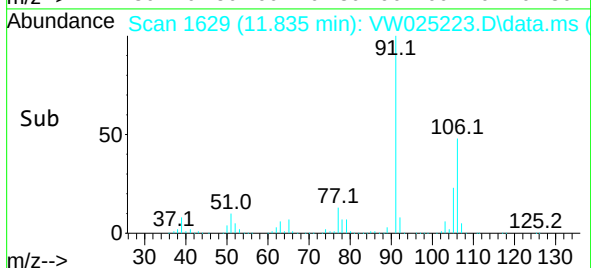
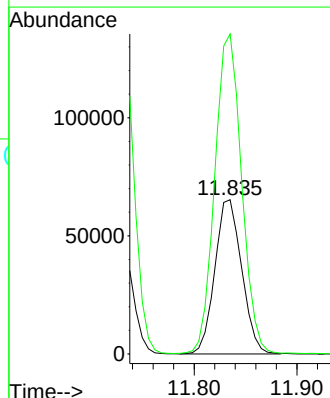
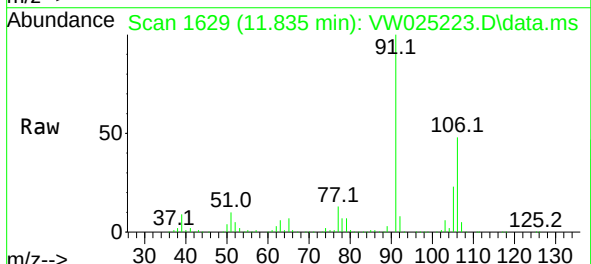
Acq: 11 Jan 2023 13:35

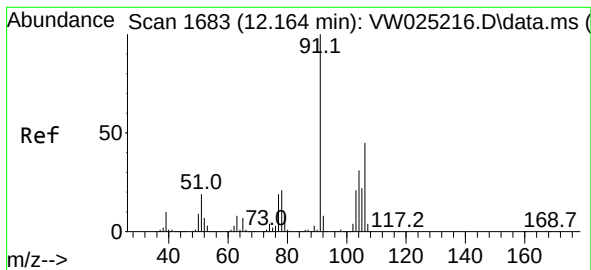
Tgt Ion:106 Resp: 118316

Ion Ratio Lower Upper

106 100

91 207.5 138.5 257.3





#54

o-Xylene

Concen: 1.574 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025223.D

Acq: 11 Jan 2023 13:35

Instrument :

MSVOA_W

ClientSampleId :

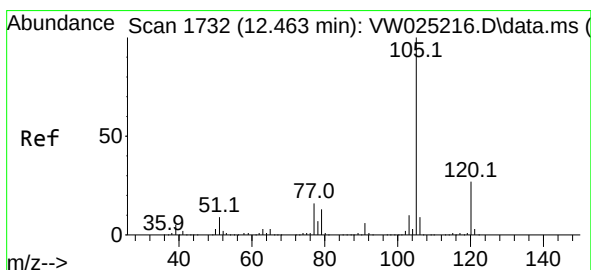
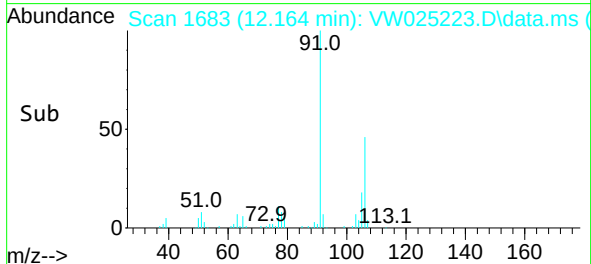
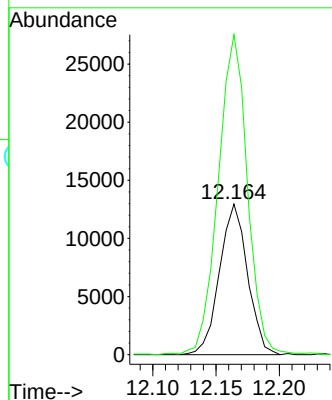
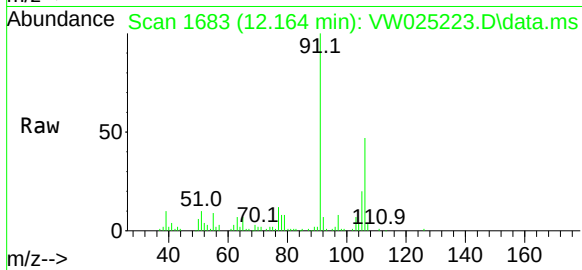
C1141

Tgt Ion:106 Resp: 19985

Ion Ratio Lower Upper

106 100

91 212.6 155.3 288.5



#60

Isopropylbenzene

Concen: 1.638 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW025223.D

Acq: 11 Jan 2023 13:35

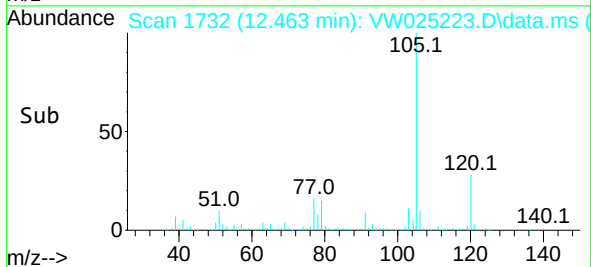
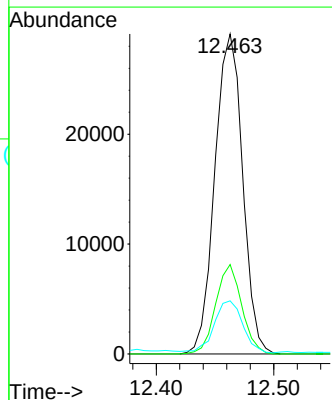
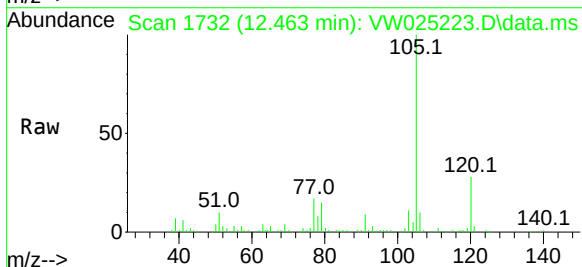
Tgt Ion:105 Resp: 47887

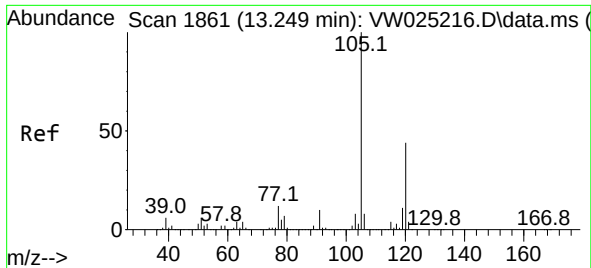
Ion Ratio Lower Upper

105 100

120 26.2 20.7 31.1

77 16.6 12.4 18.6





#63
 1,2,4-Trimethylbenzene
 Concen: 5.377 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW025223.D
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Tgt Ion:105 Resp: 131487
 Ion Ratio Lower Upper
 105 100
 120 43.3 35.1 52.7

