

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020555.D
 Acq On : 18 Oct 2021 12:06
 Operator : SY/VA
 Sample : M4213-03RE
 Misc : 5.16g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 19 05:43:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 05:41:45 2021
 Response via : Initial Calibration

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

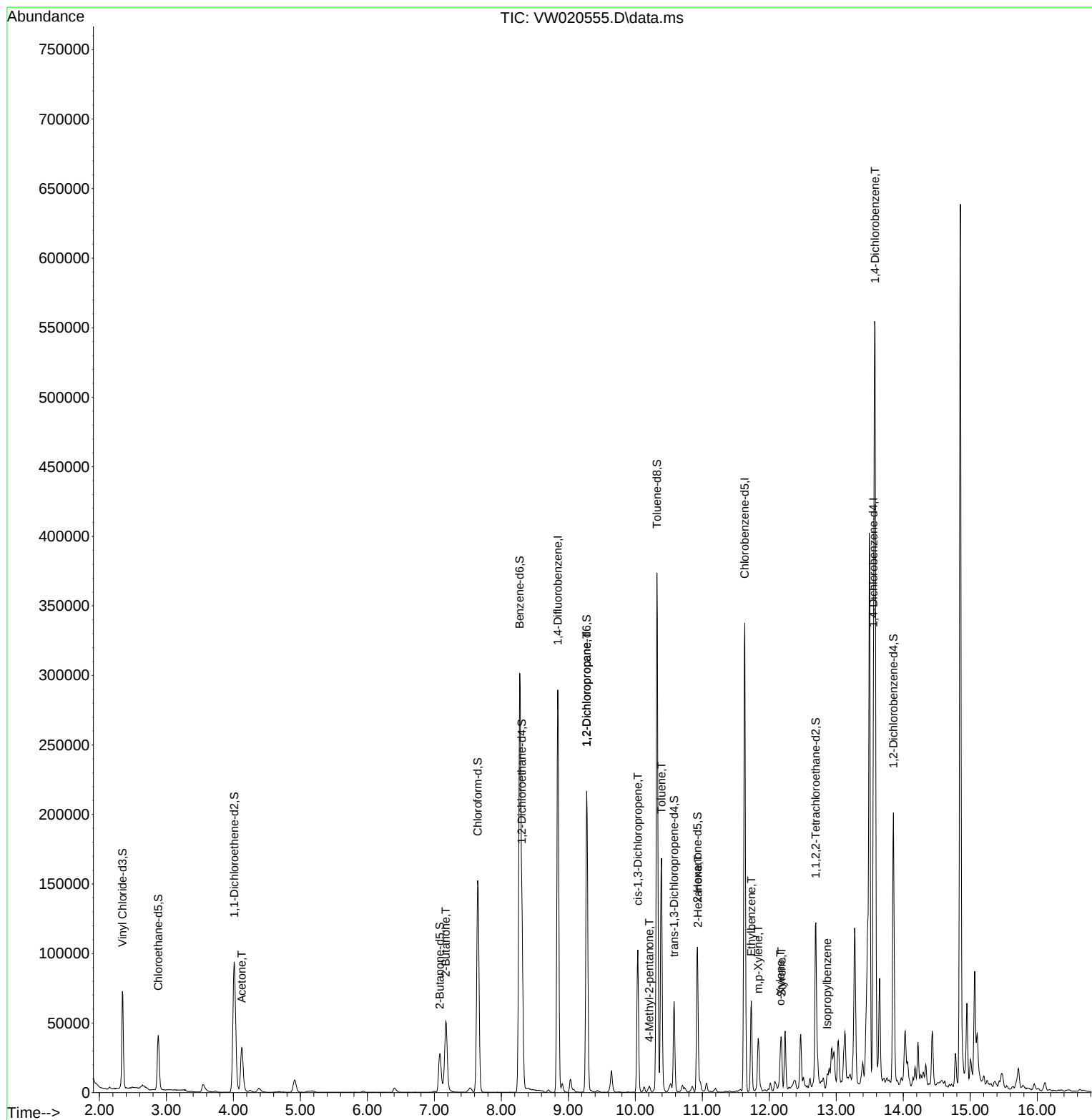
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	214931	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	168949	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	59277	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	67561	21.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.400%
7) Chloroethane-d5	2.879	69	41710	25.248	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	4.013	63	98403	15.355	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.440%
21) 2-Butanone-d5	7.080	46	50020	52.553	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.100%
24) Chloroform-d	7.647	84	152991	22.331	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.320%
26) 1,2-Dichloroethane-d4	8.305	65	87916	22.468	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.880%
32) Benzene-d6	8.275	84	285078	25.652	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	9.274	67	93896	25.924	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.680%
41) Toluene-d8	10.323	98	223671	22.431	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.720%
43) trans-1,3-Dichloroprop...	10.579	79	33688	22.888	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.560%
47) 2-Hexanone-d5	10.927	63	32040	57.504	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.000%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	57959	21.170	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	45920	19.803	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.200%
Target Compounds						Qvalue
13) Acetone	4.123	43	58304	66.722	ug/L	99
22) 2-Butanone	7.171	43	81618	74.616	ug/L	95
37) 1,2-Dichloropropane	9.274	63	11200	3.594	ug/L #	87
39) cis-1,3-Dichloropropene	10.037	75	2491	0.579	ug/L #	64
40) 4-Methyl-2-pentanone	10.207	43	3715	1.986	ug/L #	48
42) Toluene	10.390	91	115805	9.594	ug/L	100
48) 2-Hexanone	10.933	43	10212	7.442	ug/L #	59
52) Ethylbenzene	11.731	91	41507	3.171	ug/L	99
53) m,p-Xylene	11.835	106	9872	2.036	ug/L	98
54) o-Xylene	12.164	106	4560	1.018	ug/L	95
55) Styrene	12.183	104	13996	1.787	ug/L	98
60) Isopropylbenzene	12.865	105	5261	0.605	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	186967	48.017	ug/L	99

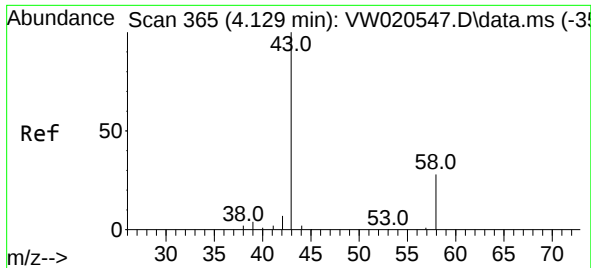
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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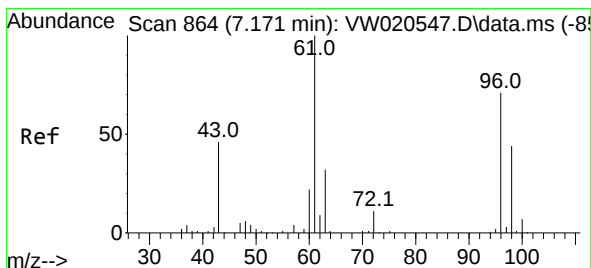
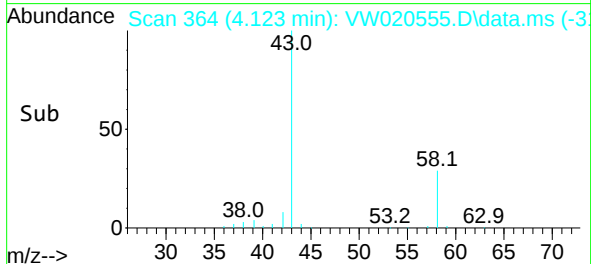
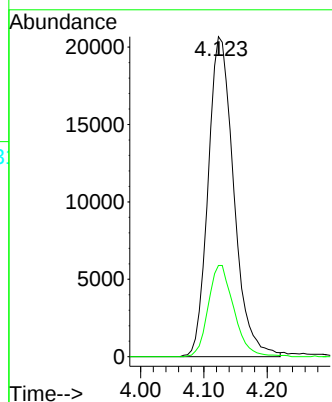
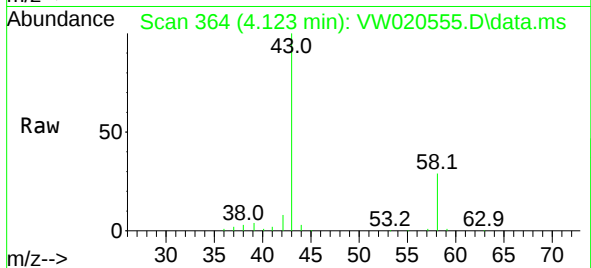




#13
Acetone
Concen: 66.722 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW020555.D
Acq: 18 Oct 2021 12:06

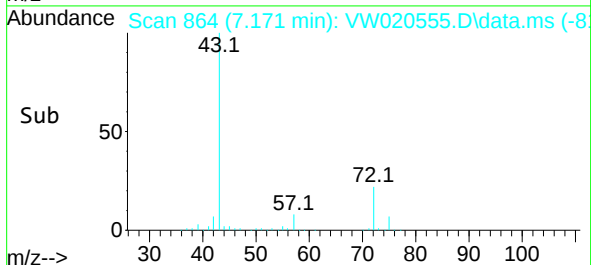
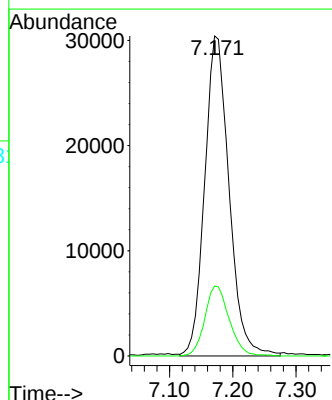
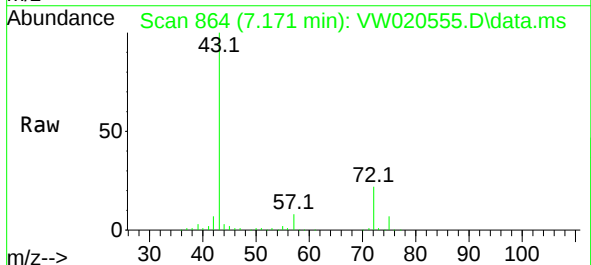
Instrument :
MSVOA_W
ClientSampleId :

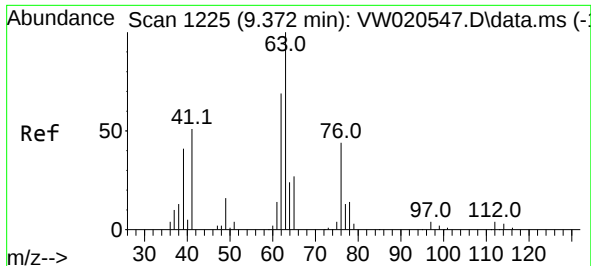
Tgt Ion: 43 Resp: 58304
Ion Ratio Lower Upper
43 100
58 28.5 0.0 58.4



#22
2-Butanone
Concen: 74.616 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020555.D
Acq: 18 Oct 2021 12:06

Tgt Ion: 43 Resp: 81618
Ion Ratio Lower Upper
43 100
72 21.8 12.2 36.6





#37

1,2-Dichloropropane

Concen: 3.594 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW020555.D

Acq: 18 Oct 2021 12:06

Instrument :

MSVOA_W

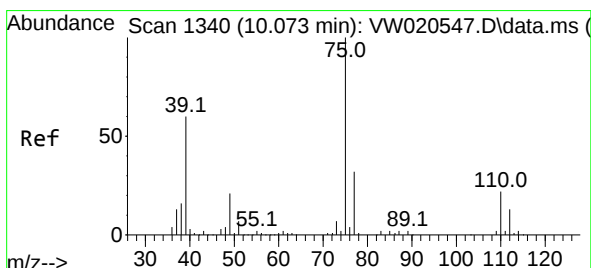
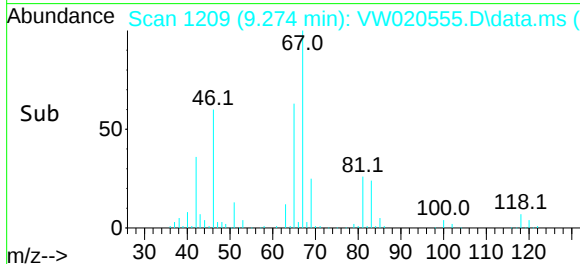
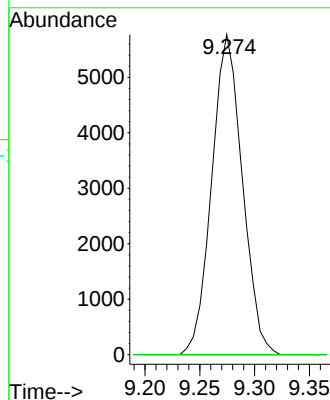
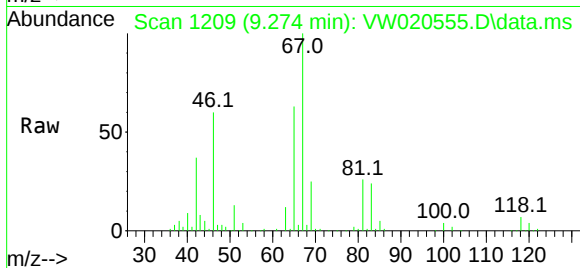
ClientSampleId :

Tgt Ion: 63 Resp: 11200

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.579 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW020555.D

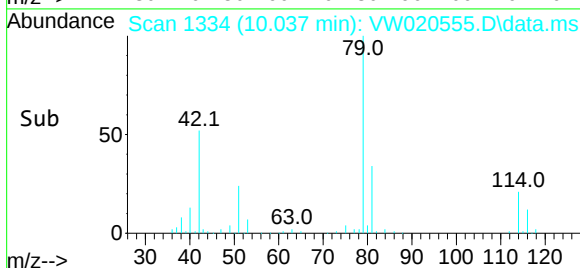
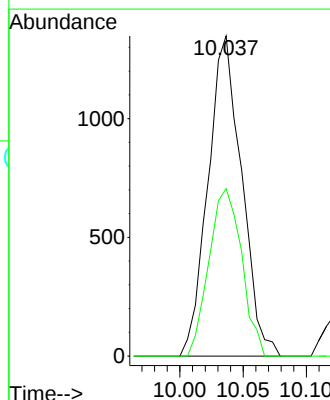
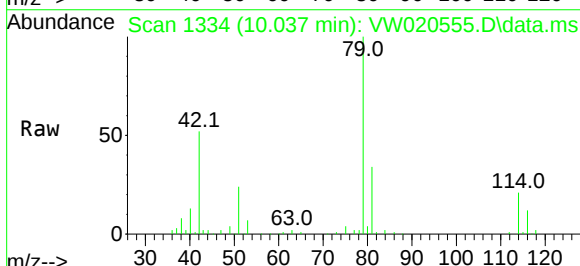
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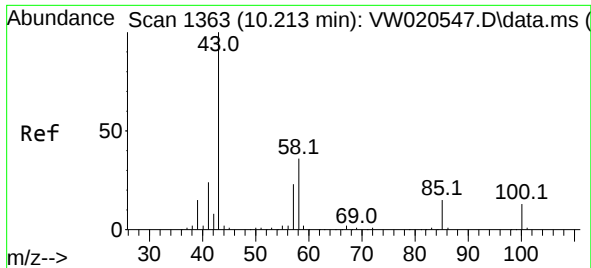
Tgt Ion: 75 Resp: 2491

Ion Ratio Lower Upper

75 100

77 52.3 22.4 41.6#

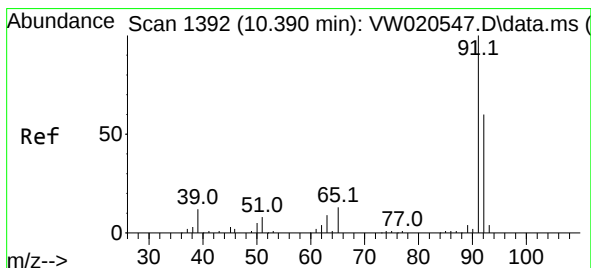
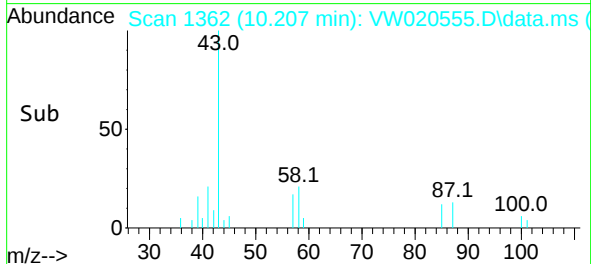
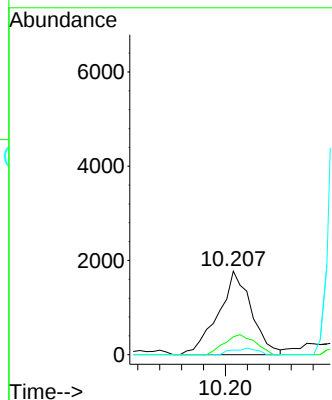
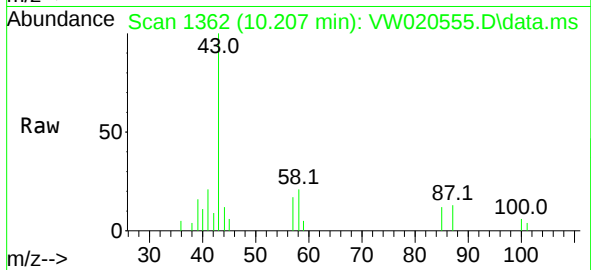




#40
4-Methyl-2-pentanone
Concen: 1.986 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VW020555.D
Acq: 18 Oct 2021 12:06

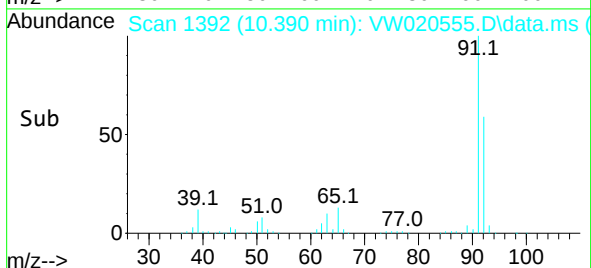
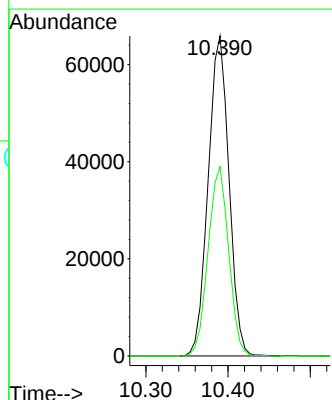
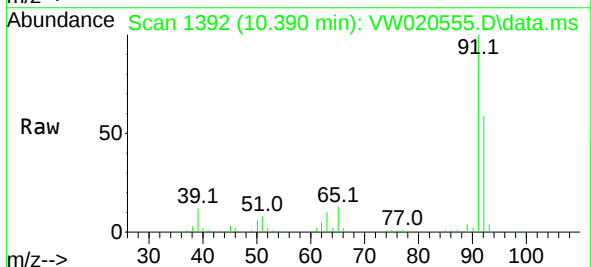
Instrument :
MSVOA_W
ClientSampleId :

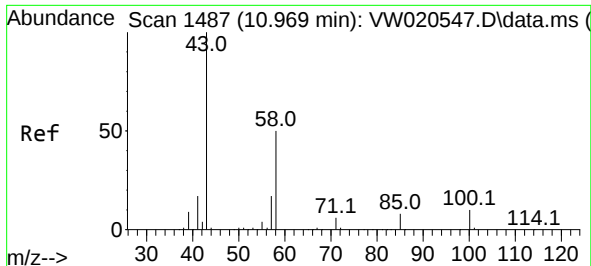
Tgt Ion: 43 Resp: 3715
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.4#
100 2.7 10.2 15.4#



#42
Toluene
Concen: 9.594 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020555.D
Acq: 18 Oct 2021 12:06

Tgt Ion: 91 Resp: 115805
Ion Ratio Lower Upper
91 100
92 59.1 41.5 77.1

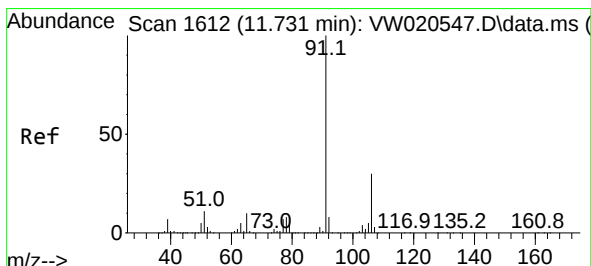
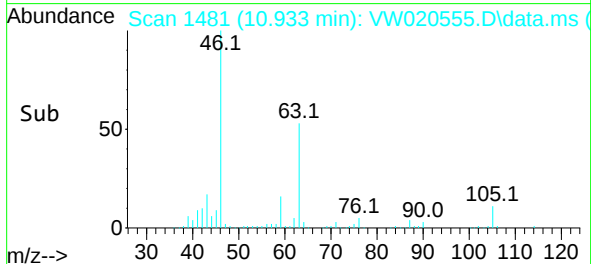
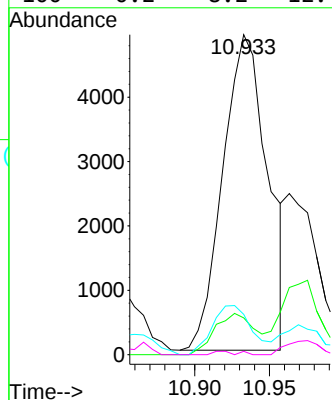
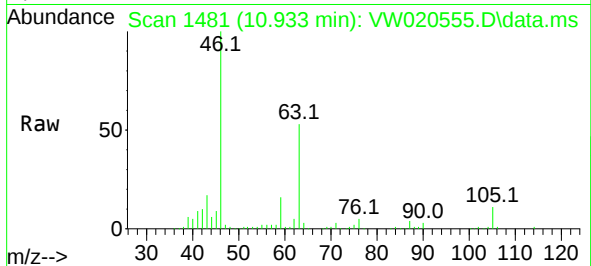




#48
2-Hexanone
Concen: 7.442 ug/L
RT: 10.933 min Scan# 1481
Delta R.T. -0.037 min
Lab File: VW020555.D
Acq: 18 Oct 2021 12:06

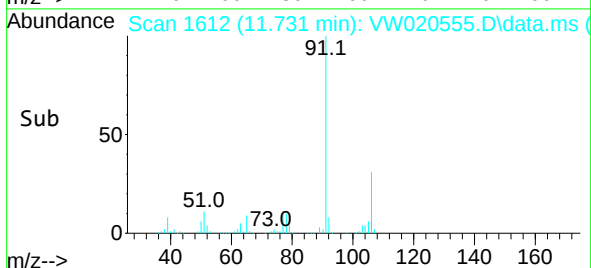
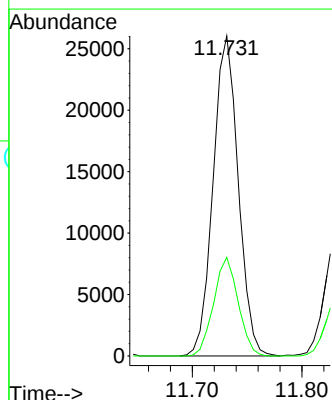
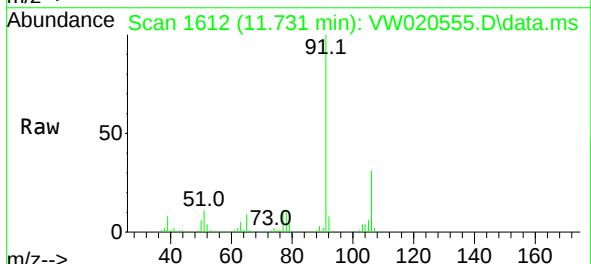
Instrument :
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ClientSampleId :

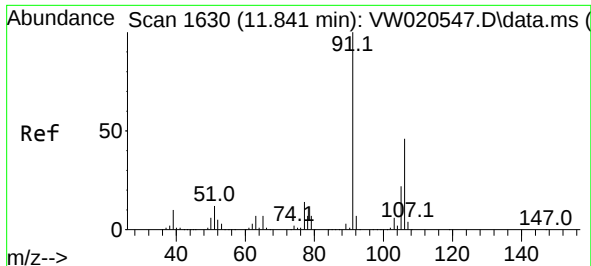
Tgt Ion: 43 Resp: 10212
Ion Ratio Lower Upper
43 100
58 11.6 39.5 59.3#
57 13.9 14.2 21.4#
100 0.2 8.2 12.4#



#52
Ethylbenzene
Concen: 3.171 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020555.D
Acq: 18 Oct 2021 12:06

Tgt Ion: 91 Resp: 41507
Ion Ratio Lower Upper
91 100
106 30.8 21.3 39.5

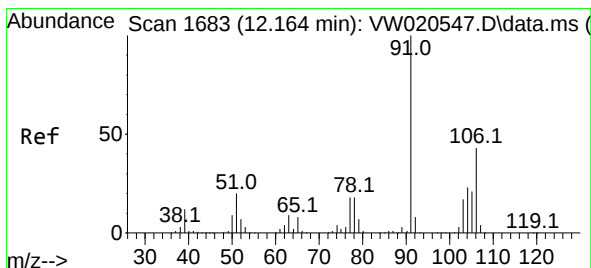
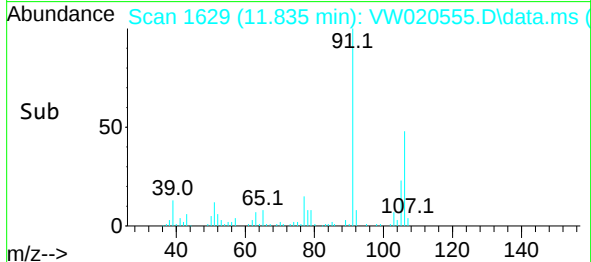
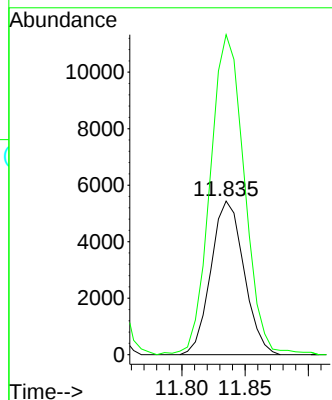
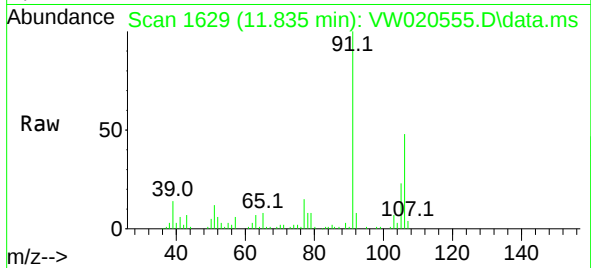




#53
m,p-Xylene
Concen: 2.036 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020555.D
Acq: 18 Oct 2021 12:06

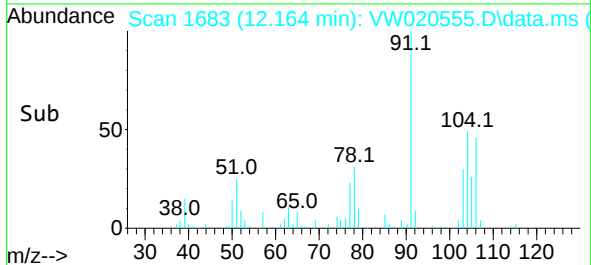
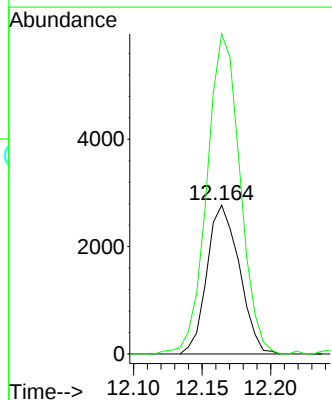
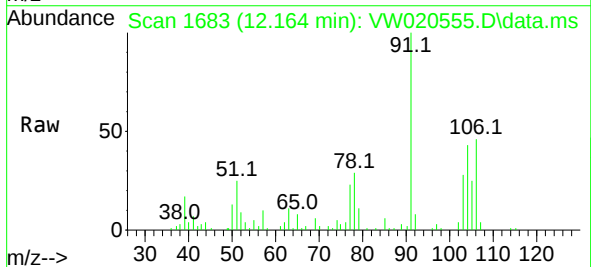
Instrument :
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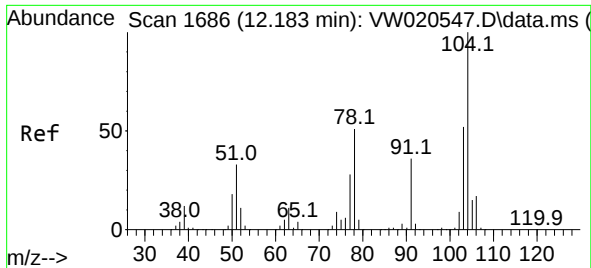
Tgt Ion:106 Resp: 9872
Ion Ratio Lower Upper
106 100
91 208.4 148.2 275.2



#54
o-Xylene
Concen: 1.018 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020555.D
Acq: 18 Oct 2021 12:06

Tgt Ion:106 Resp: 4560
Ion Ratio Lower Upper
106 100
91 215.1 156.1 289.9

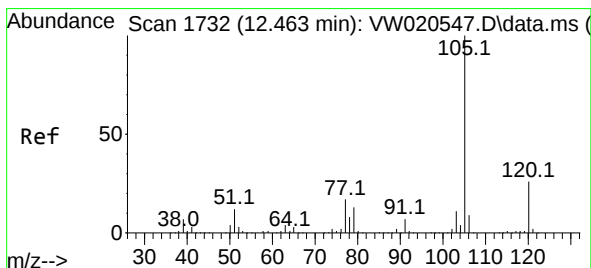
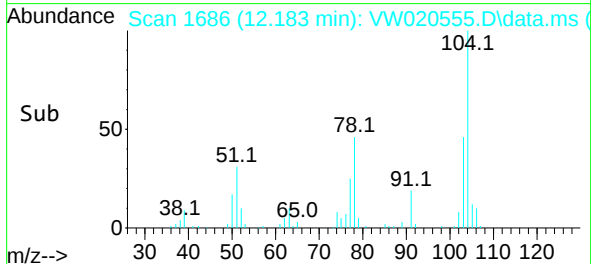
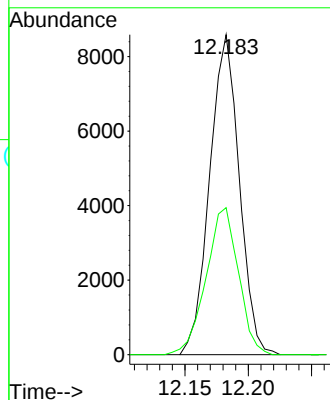
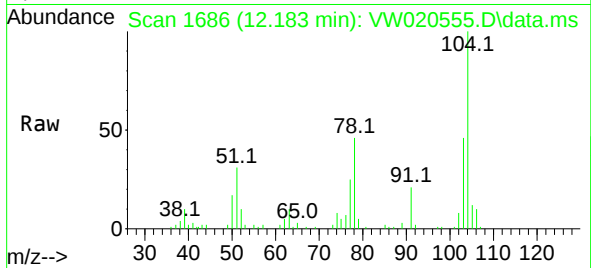




#55
Styrene
Concen: 1.787 ug/L
RT: 12.183 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VW020555.D
Acq: 18 Oct 2021 12:06

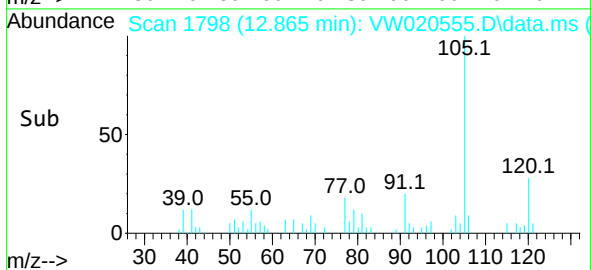
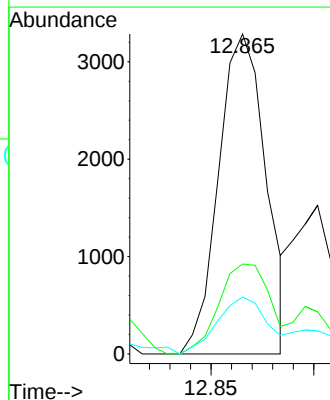
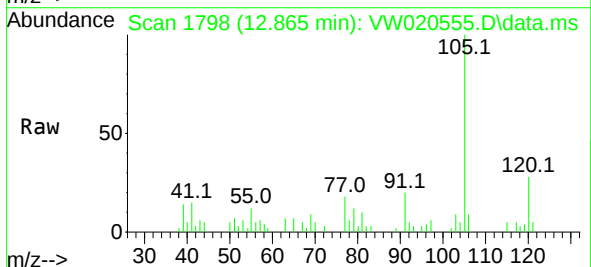
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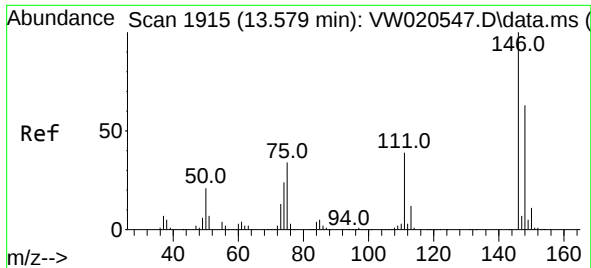
Tgt Ion:104 Resp: 13996
Ion Ratio Lower Upper
104 100
78 45.9 33.2 61.7



#60
Isopropylbenzene
Concen: 0.605 ug/L
RT: 12.865 min Scan# 1798
Delta R.T. 0.402 min
Lab File: VW020555.D
Acq: 18 Oct 2021 12:06

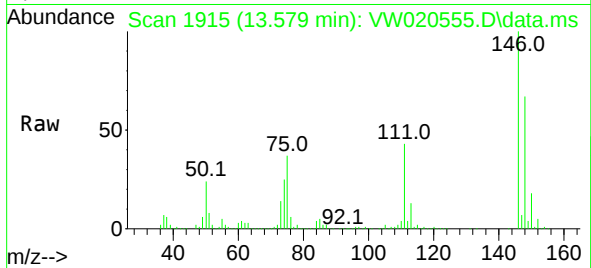
Tgt Ion:105 Resp: 5261
Ion Ratio Lower Upper
105 100
120 30.1 20.3 30.5
77 18.5 13.8 20.6





#65
 1,4-Dichlorobenzene
 Concen: 48.017 ug/L
 RT: 13.579 min Scan# 1915
 Delta R.T. -0.000 min
 Lab File: VW020555.D
 Acq: 18 Oct 2021 12:06

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:146 Resp: 186967

Ion	Ratio	Lower	Upper
146	100		
111	42.9	30.9	57.5
148	66.6	46.1	85.7

