

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
 Data File : VW020513.D
 Acq On : 15 Oct 2021 00:24
 Operator : SY/VA
 Sample : M4210-01
 Misc : 5.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGC1

Quant Time: Oct 15 01:00:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 15 00:58:32 2021
 Response via : Initial Calibration

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

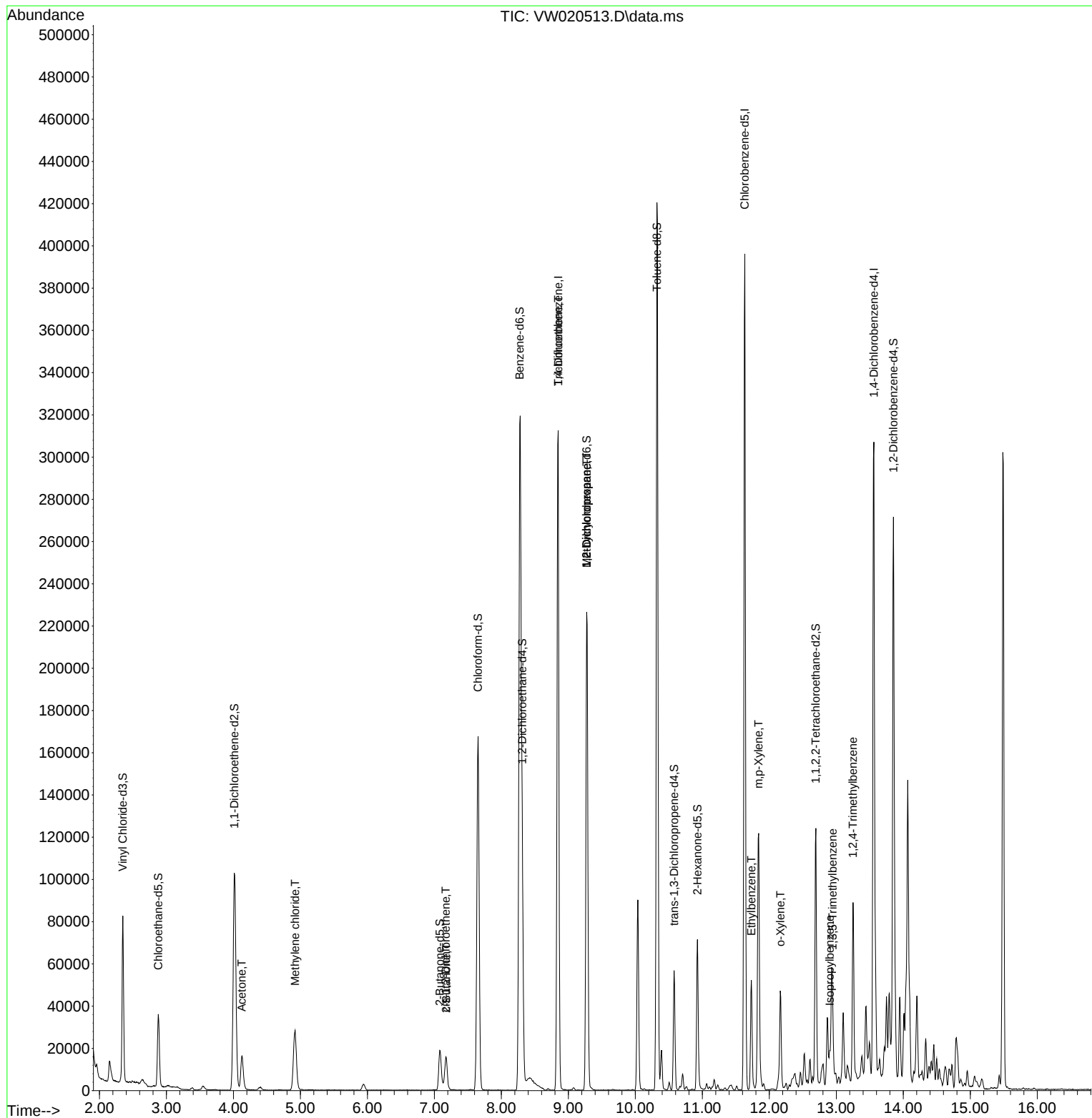
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	235636	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	196997	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	74032	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	69203	20.183	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.720%
7) Chloroethane-d5	2.879	69	36128	19.947	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	4.013	63	105234	14.978	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.920%
21) 2-Butanone-d5	7.080	46	33423	32.030	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.060%
24) Chloroform-d	7.653	84	164014	21.836	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.360%
26) 1,2-Dichloroethane-d4	8.311	65	86622	20.192	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.760%
32) Benzene-d6	8.275	84	313046	24.158	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.640%
36) 1,2-Dichloropropane-d6	9.274	67	101809	24.107	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.440%
41) Toluene-d8	10.323	98	260428	22.399	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	10.579	79	29379	17.119	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.480%
47) 2-Hexanone-d5	10.927	63	21721	33.434	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.860%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	59015	18.487	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	63848	22.047	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.200%
Target Compounds					Qvalue	
13) Acetone	4.123	43	28937	30.205	ug/L	97
16) Methylene chloride	4.921	84	19621	4.283	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	7000	1.937	ug/L	97
22) 2-Butanone	7.177	43	5765	4.807	ug/L #	71
34) Trichloroethene	8.848	95	7476	2.163	ug/L #	8
35) Methylcyclohexane	9.274	83	23879	4.037	ug/L #	15
37) 1,2-Dichloropropane	9.274	63	12188	3.354	ug/L #	88
52) Ethylbenzene	11.731	91	33937	2.224	ug/L	98
53) m,p-Xylene	11.841	106	33365	5.900	ug/L	98
54) o-Xylene	12.164	106	10813	2.071	ug/L	96
60) Isopropylbenzene	12.902	105	7276	0.670	ug/L	95
62) 1,3,5-Trimethylbenzene	12.944	105	12410	1.399	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	44413	5.054	ug/L	100

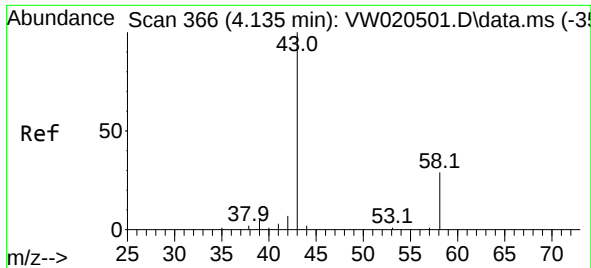
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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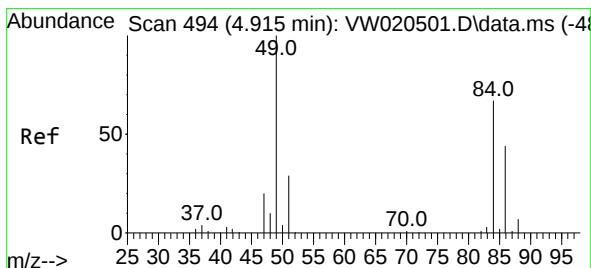
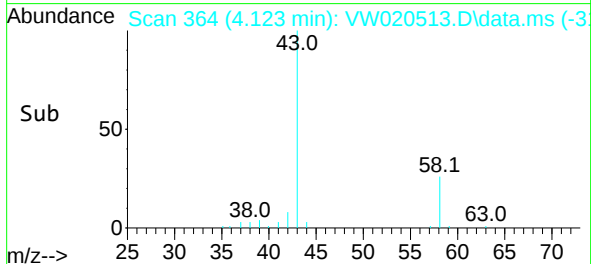
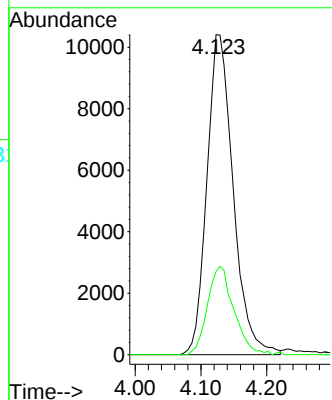
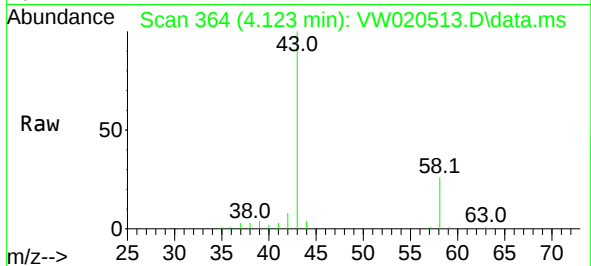




#13
Acetone
Concen: 30.205 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

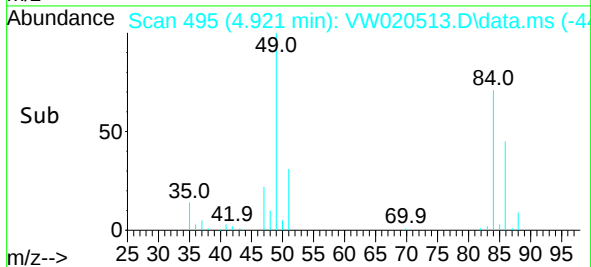
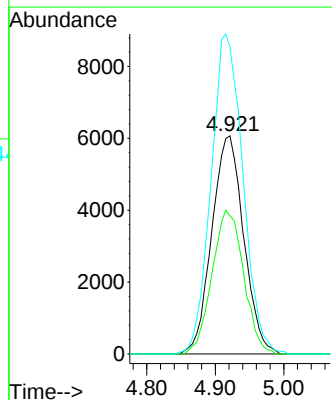
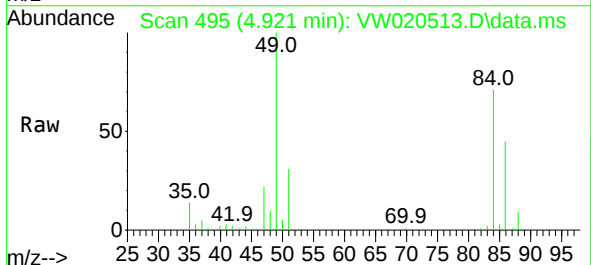
Instrument :
MSVOA_W
ClientSampleId :
JDGC1

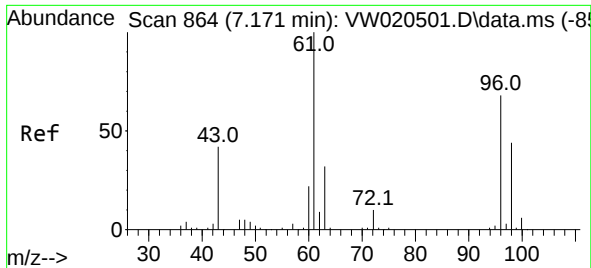
Tgt Ion: 43 Resp: 28937
Ion Ratio Lower Upper
43 100
58 27.4 0.0 58.4



#16
Methylene chloride
Concen: 4.283 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

Tgt Ion: 84 Resp: 19621
Ion Ratio Lower Upper
84 100
86 63.3 44.7 83.1
49 140.7 101.7 188.9

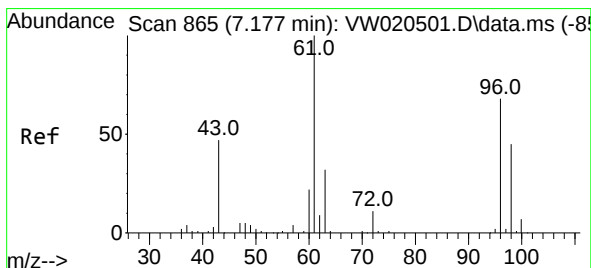
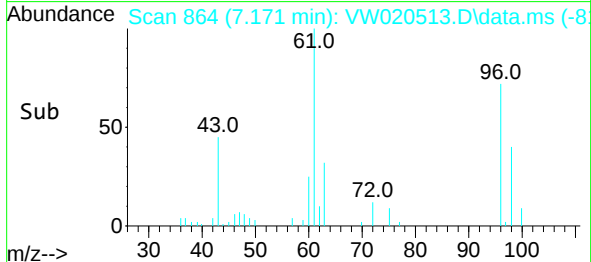
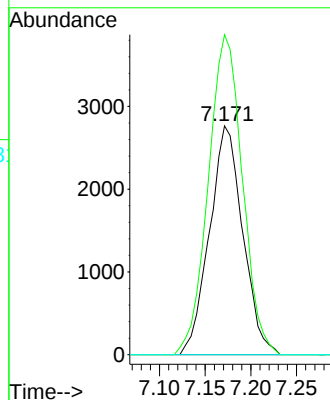
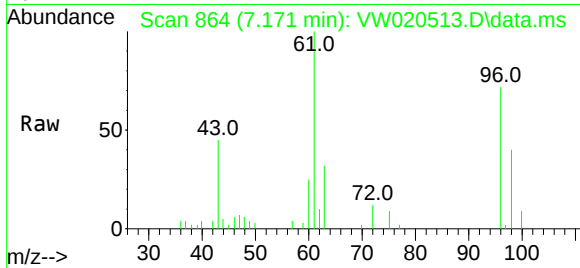




#20
cis-1,2-Dichloroethene
Concen: 1.937 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

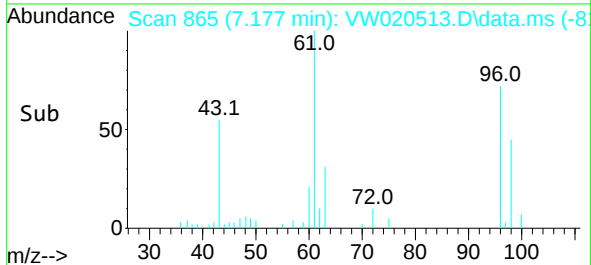
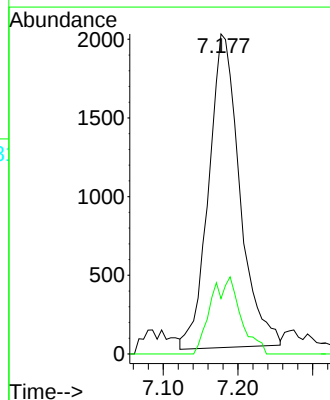
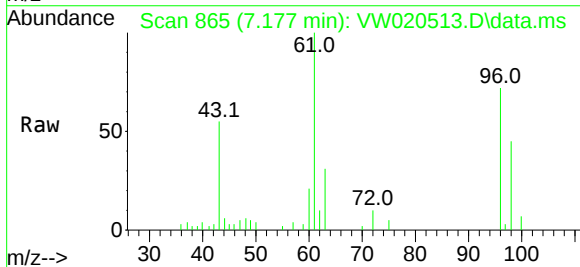
Instrument :
MSVOA_W
ClientSampled :
JDGC1

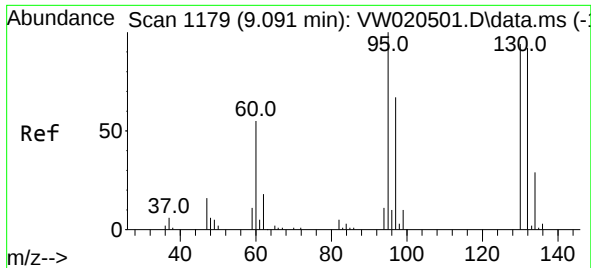
Tgt Ion: 96 Resp: 7000
Ion Ratio Lower Upper
96 100
61 139.9 100.3 186.3
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 4.807 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

Tgt Ion: 43 Resp: 5765
Ion Ratio Lower Upper
43 100
72 10.1 12.2 36.6#

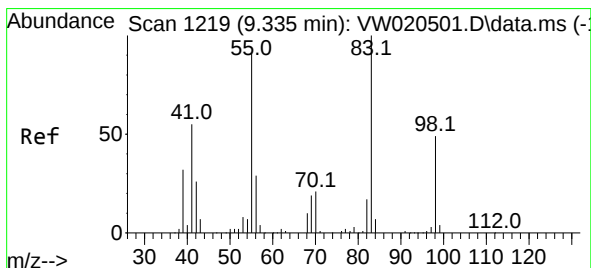
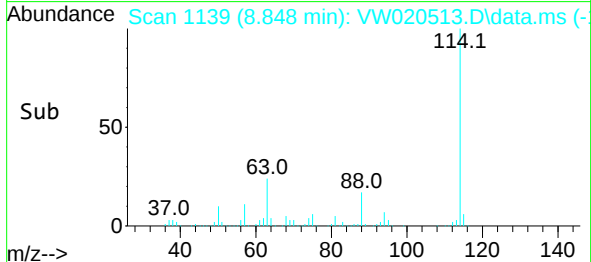
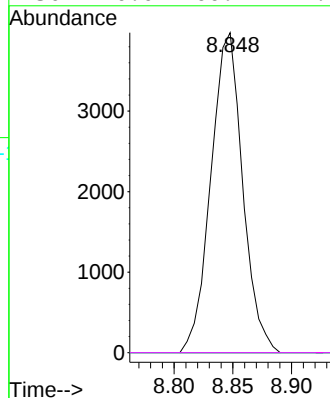
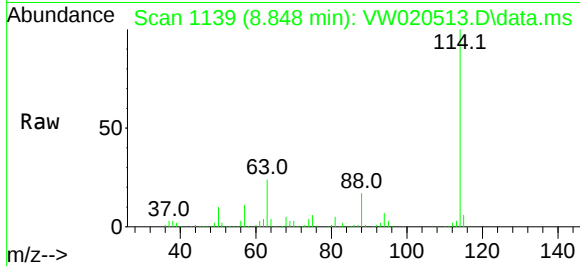




#34
Trichloroethene
Concen: 2.163 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

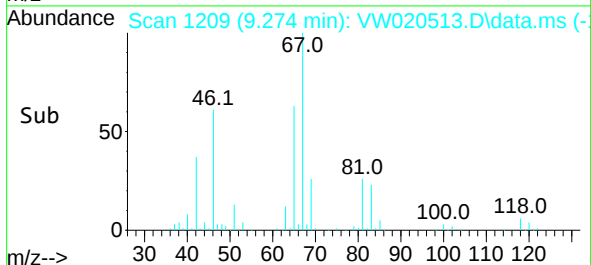
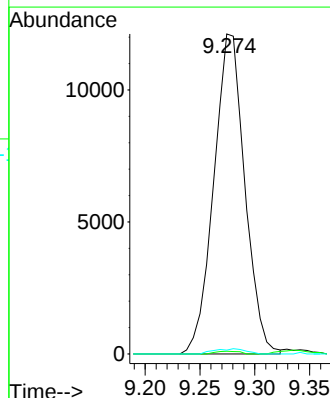
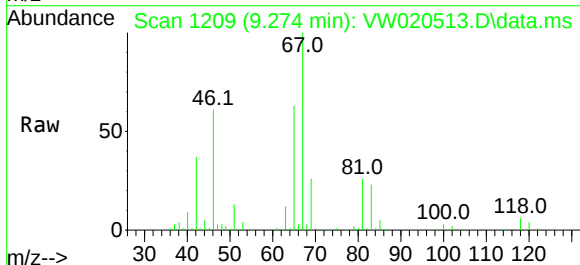
Instrument :
MSVOA_W
ClientSampled :
JDGC1

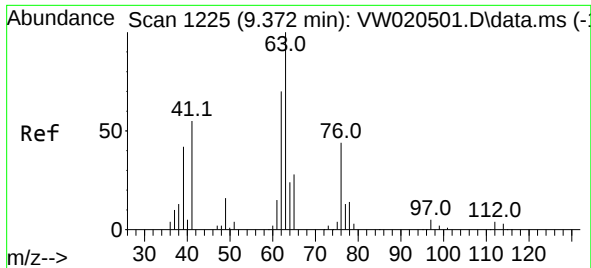
Tgt Ion:	95	Resp:	7476
Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.2	80.2#
132	0.0	62.3	115.7#
130	0.0	66.1	122.7#



#35
Methylcyclohexane
Concen: 4.037 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

Tgt Ion:	83	Resp:	23879
Ion	Ratio	Lower	Upper
83	100		
55	0.6	69.7	104.5#
98	1.6	38.2	57.2#

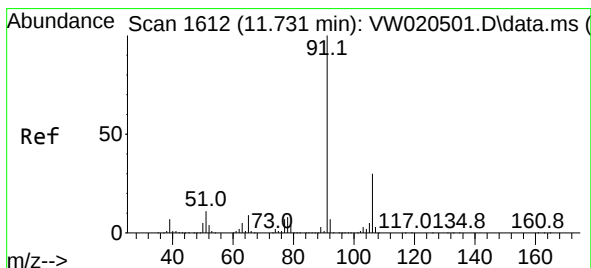
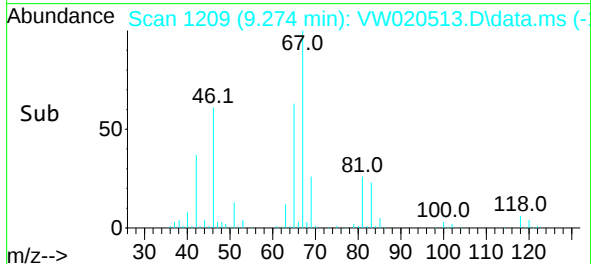
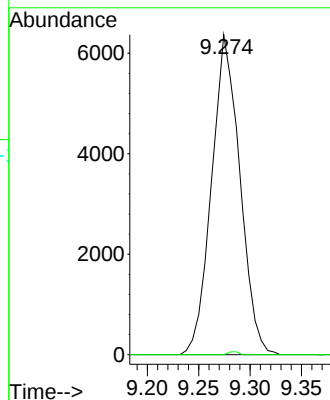
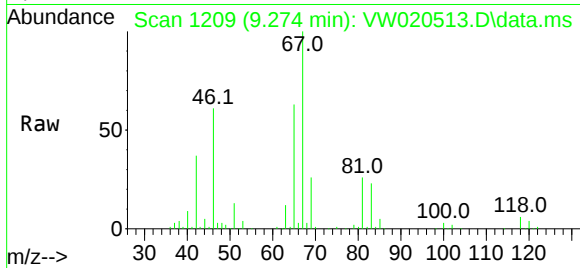




#37
1,2-Dichloropropane
Concen: 3.354 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

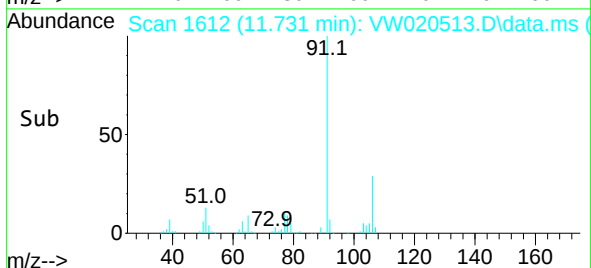
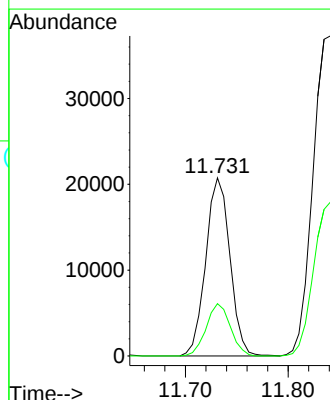
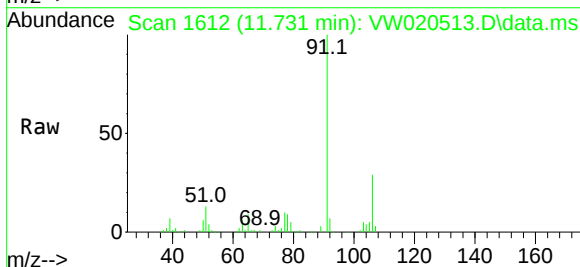
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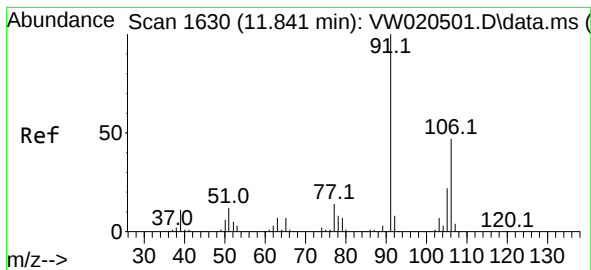
Tgt Ion: 63 Resp: 12188
Ion Ratio Lower Upper
63 100
112 0.3 3.5 5.3#



#52
Ethylbenzene
Concen: 2.224 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

Tgt Ion: 91 Resp: 33937
Ion Ratio Lower Upper
91 100
106 29.4 21.3 39.5

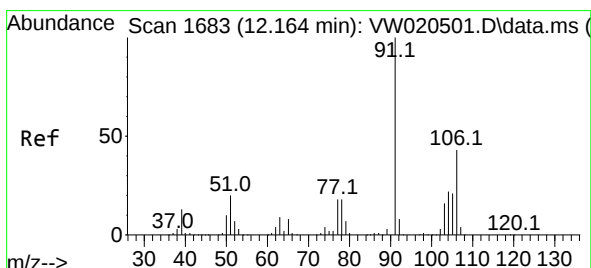
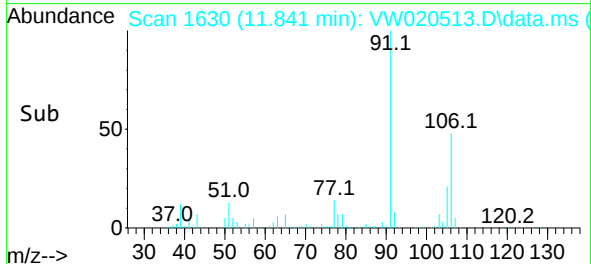
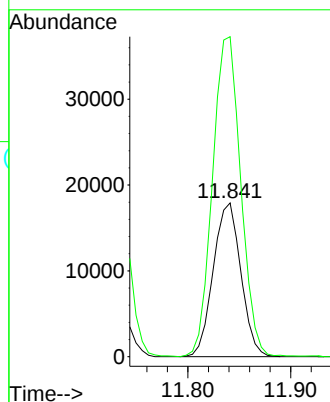
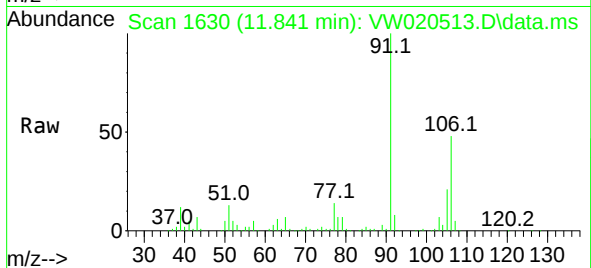




#53
m,p-Xylene
Concen: 5.900 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

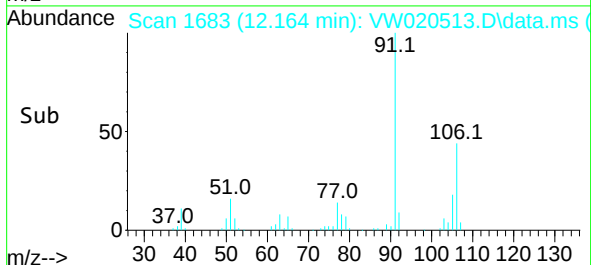
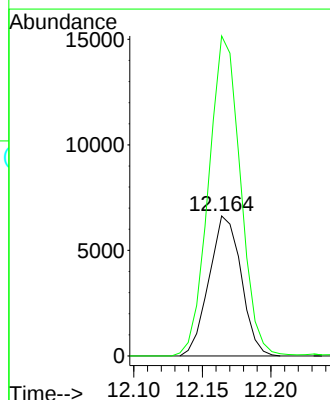
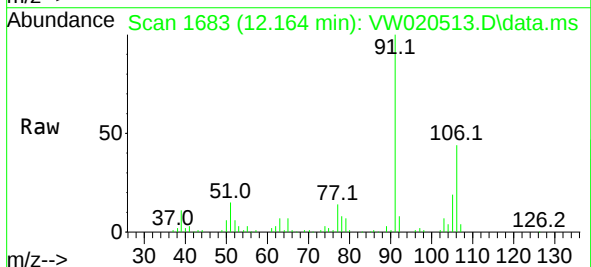
Instrument :
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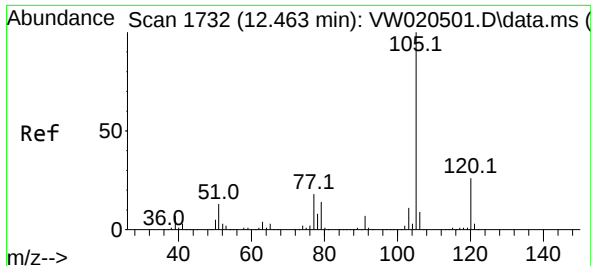
Tgt Ion:106 Resp: 33365
Ion Ratio Lower Upper
106 100
91 208.2 148.2 275.2



#54
o-Xylene
Concen: 2.071 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

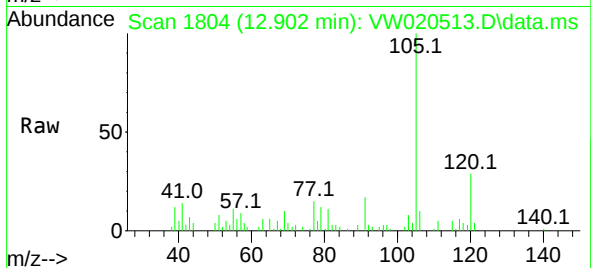
Tgt Ion:106 Resp: 10813
Ion Ratio Lower Upper
106 100
91 228.7 156.1 289.9



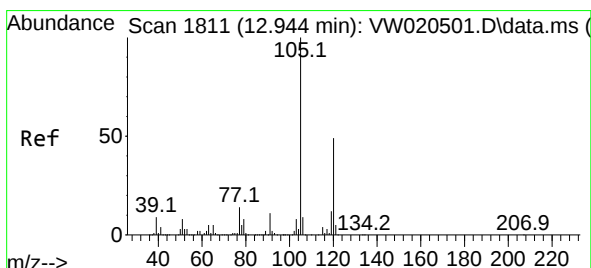
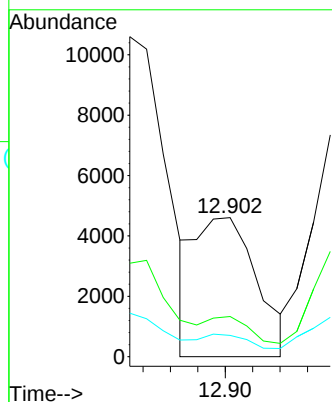
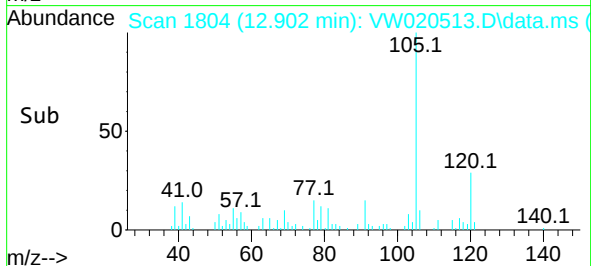


#60
Isopropylbenzene
Concen: 0.670 ug/L
RT: 12.902 min Scan# 1804
Delta R.T. 0.439 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

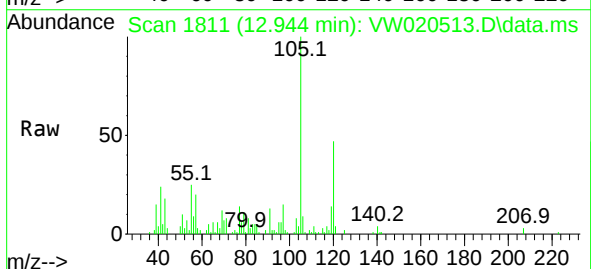
Instrument :
MSVOA_W
ClientSampleId :
JDGC1



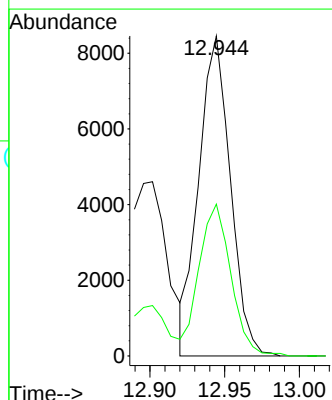
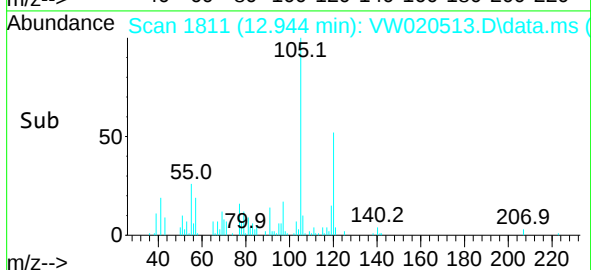
Tgt Ion:	105	Resp:	7276
Ion	Ratio	Lower	Upper
105	100		
120	23.1	20.3	30.5
77	14.7	13.8	20.6

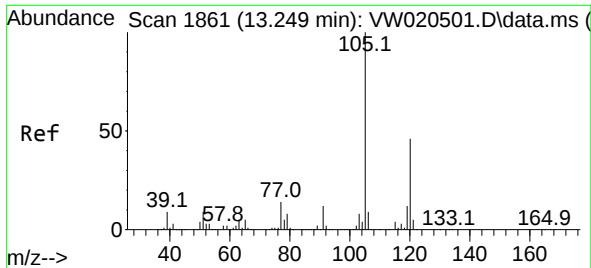


#62
1,3,5-Trimethylbenzene
Concen: 1.399 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24



Tgt Ion:	105	Resp:	12410
Ion	Ratio	Lower	Upper
105	100		
120	47.8	37.9	56.9





#63
 1,2,4-Trimethylbenzene
 Concen: 5.054 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW020513.D
 Acq: 15 Oct 2021 00:24

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGC1

Tgt Ion:105 Resp: 44413
 Ion Ratio Lower Upper
 105 100
 120 44.1 35.4 53.2

