

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081321\
 Data File : VW019734.D
 Acq On : 13 Aug 2021 14:33
 Operator : SY/VA
 Sample : M3365-12
 Misc : 6.72g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBKB6

Quant Time: Aug 14 01:19:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 14 01:17:15 2021
 Response via : Initial Calibration

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

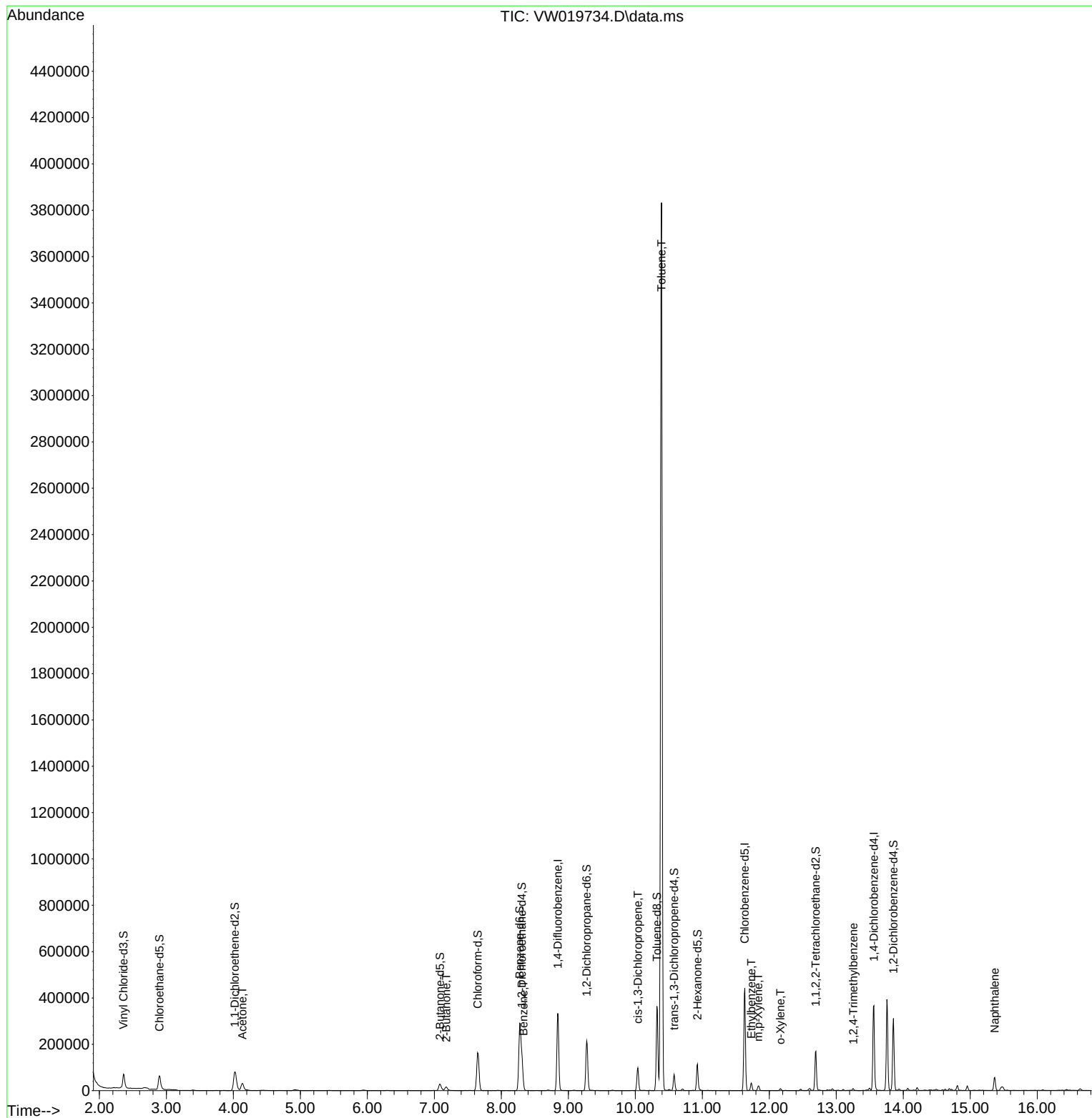
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	276060	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	240400	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	96392	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	72710	22.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.240%
7) Chloroethane-d5	2.898	69	80301	25.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	4.019	63	90562	13.653	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.600%
21) 2-Butanone-d5	7.086	46	47308	44.936	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.880%
24) Chloroform-d	7.647	84	168379	20.175	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.680%
26) 1,2-Dichloroethane-d4	8.305	65	97054	19.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.920%
32) Benzene-d6	8.275	84	299856	18.839	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.360%
36) 1,2-Dichloropropane-d6	9.275	67	100615	21.012	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.040%
41) Toluene-d8	10.323	98	236159	16.265	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.080%
43) trans-1,3-Dichloroprop...	10.579	79	37447	18.940	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.760%
47) 2-Hexanone-d5	10.927	63	36844	43.860	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.720%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	83603	20.121	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	76687	21.571	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.280%
Target Compounds					Qvalue	
13) Acetone	4.135	43	57597	66.558	ug/L	87
22) 2-Butanone	7.177	43	24689	21.328	ug/L	98
33) Benzene	8.330	78	6406	0.385	ug/L	100
39) cis-1,3-Dichloropropene	10.037	75	2563	0.403	ug/L #	60
42) Toluene	10.390	91	2768248	158.271	ug/L	97
52) Ethylbenzene	11.731	91	22265	1.215	ug/L	98
53) m,p-Xylene	11.835	106	5839	0.837	ug/L	94
54) o-Xylene	12.164	106	2208	0.328	ug/L	66
63) 1,2,4-Trimethylbenzene	13.256	105	4287	0.374	ug/L	99
71) Naphthalene	15.365	128	46937	7.033	ug/L	99

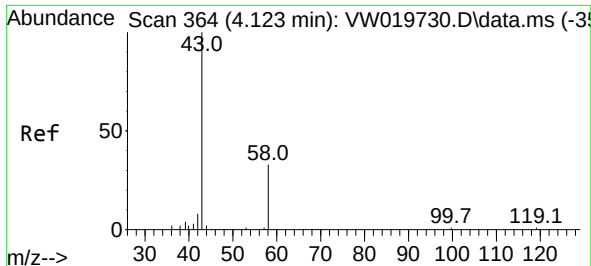
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Aug 14 01:17:15 2021
Response via : Initial Calibration

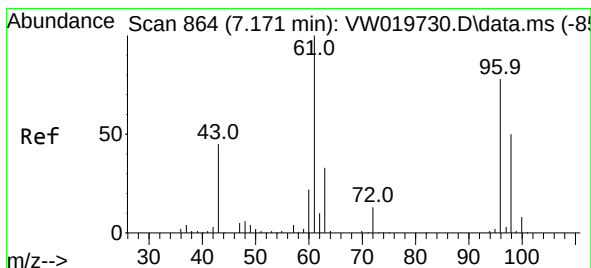
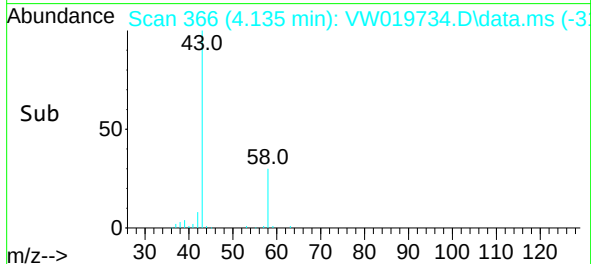
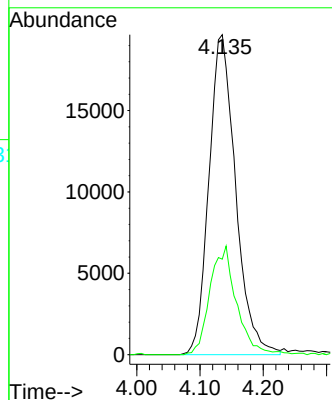
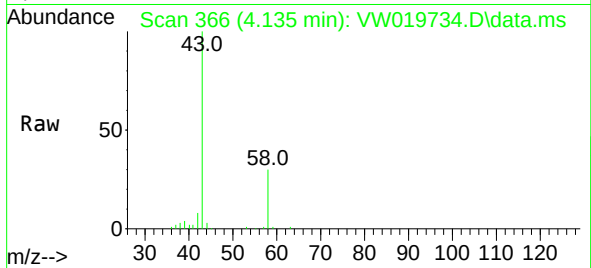




#13
Acetone
Concen: 66.558 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW019734.D
Acq: 13 Aug 2021 14:33

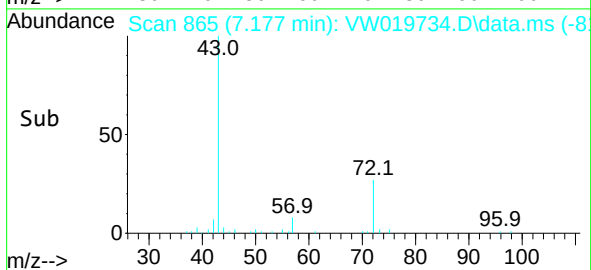
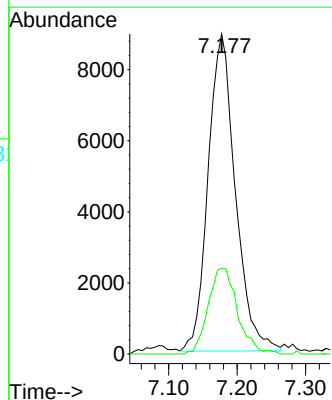
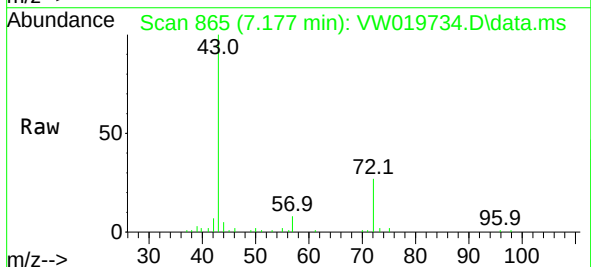
Instrument :
MSVOA_W
ClientSampled :
DBKB6

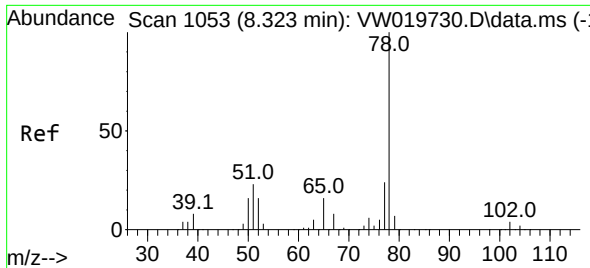
Tgt Ion: 43 Resp: 57597
Ion Ratio Lower Upper
43 100
58 33.4 0.0 53.8



#22
2-Butanone
Concen: 21.328 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019734.D
Acq: 13 Aug 2021 14:33

Tgt Ion: 43 Resp: 24689
Ion Ratio Lower Upper
43 100
72 28.7 14.9 44.7

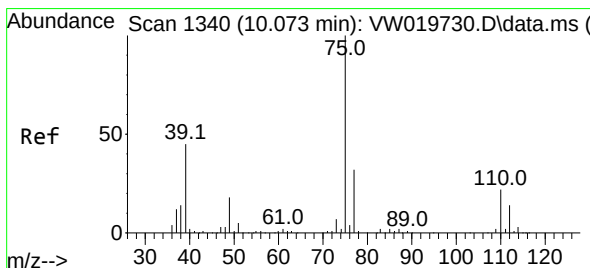
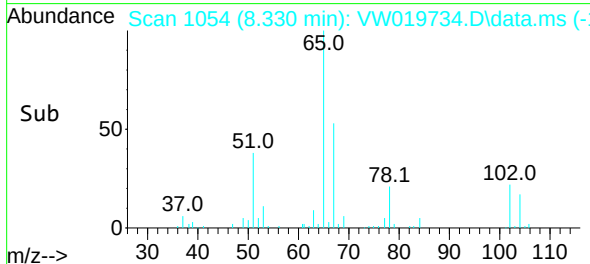
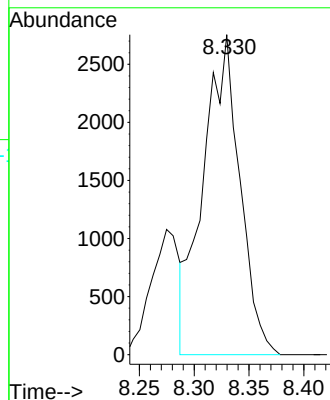
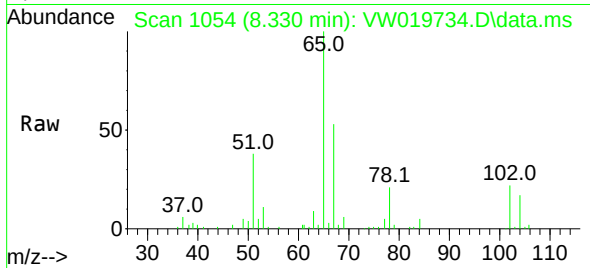




#33
Benzene
Concen: 0.385 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW019734.D
Acq: 13 Aug 2021 14:33

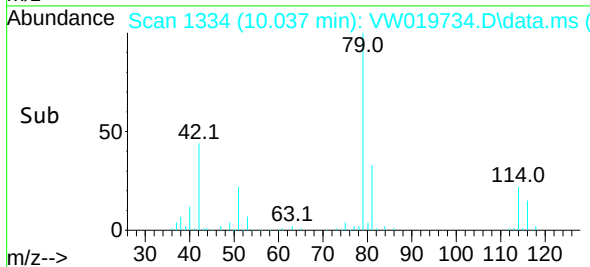
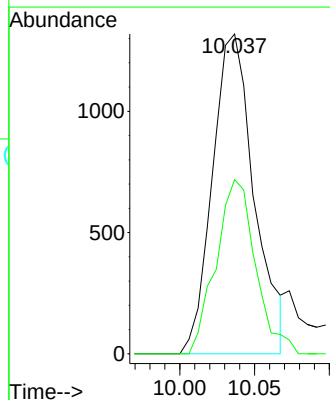
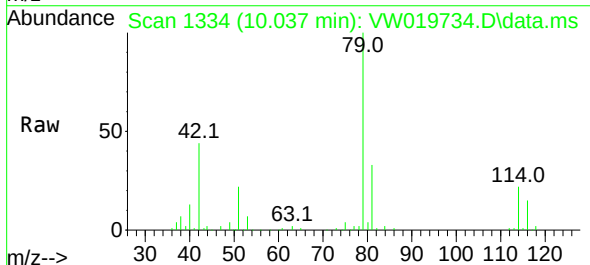
Instrument :
MSVOA_W
ClientSampled :
DBKB6

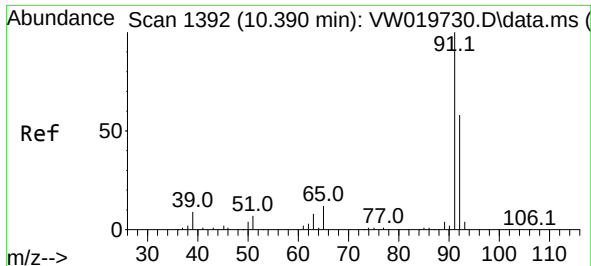
Tgt Ion: 78 Resp: 6406



#39
cis-1,3-Dichloropropene
Concen: 0.403 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW019734.D
Acq: 13 Aug 2021 14:33

Tgt Ion: 75 Resp: 2563
Ion Ratio Lower Upper
75 100
77 54.5 22.6 42.0#





#42

Toluene

Concen: 158.271 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019734.D

Acq: 13 Aug 2021 14:33

Tgt Ion: 91 Resp: 2768248

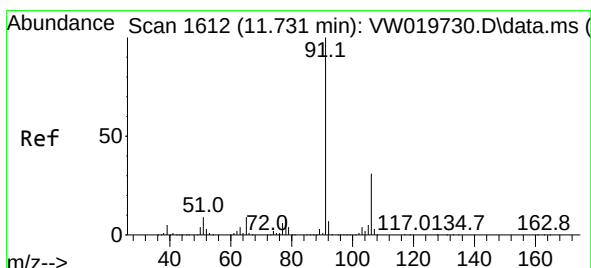
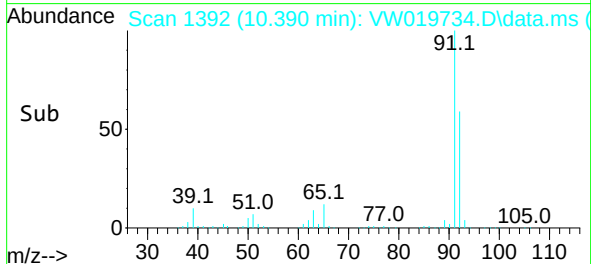
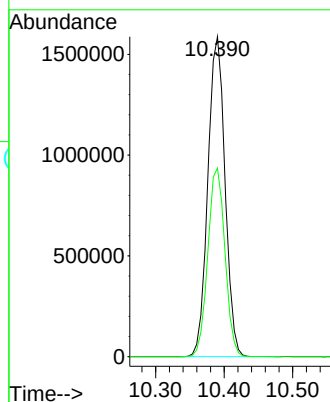
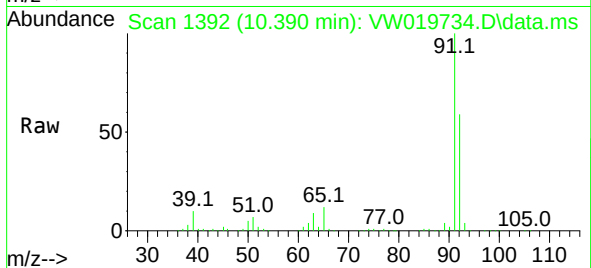
Ion	Ratio	Lower	Upper
91	100		
92	58.9	39.5	73.3

Instrument :

MSVOA_W

ClientSampled :

DBKB6



#52

Ethylbenzene

Concen: 1.215 ug/L

RT: 11.731 min Scan# 1612

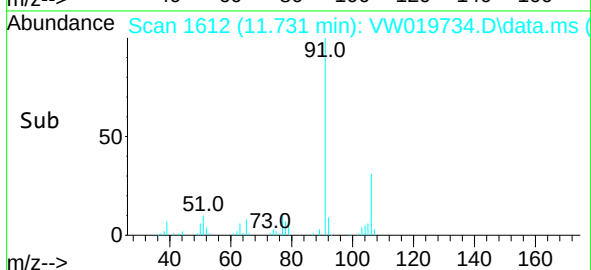
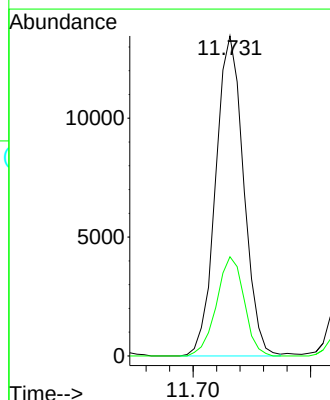
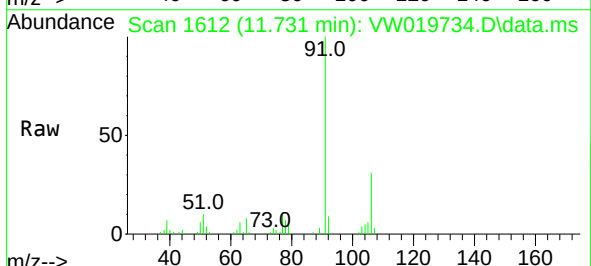
Delta R.T. 0.000 min

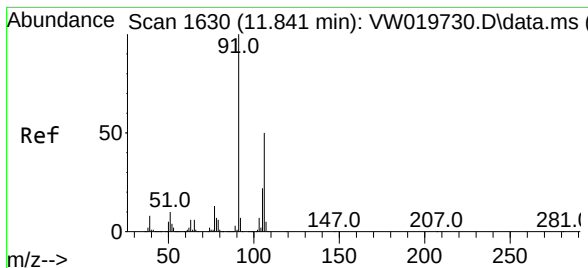
Lab File: VW019734.D

Acq: 13 Aug 2021 14:33

Tgt Ion: 91 Resp: 22265

Ion	Ratio	Lower	Upper
91	100		
106	31.0	22.5	41.7

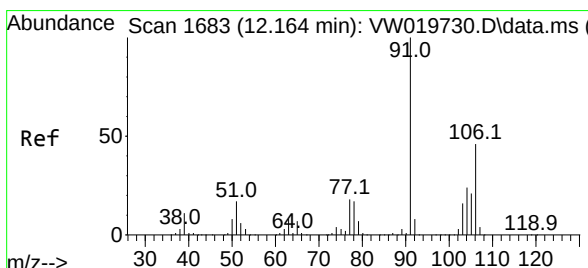
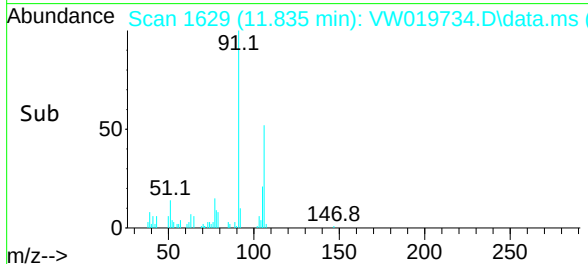
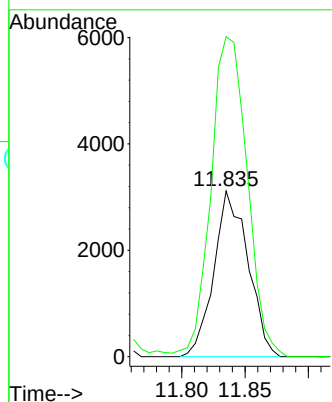
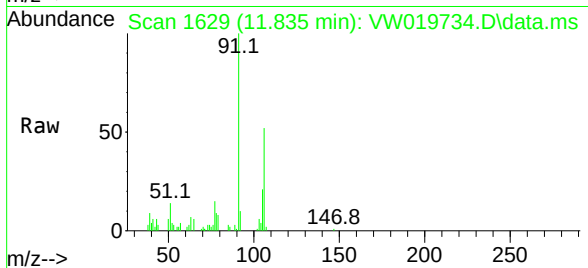




#53
m,p-Xylene
Concen: 0.837 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW019734.D
Acq: 13 Aug 2021 14:33

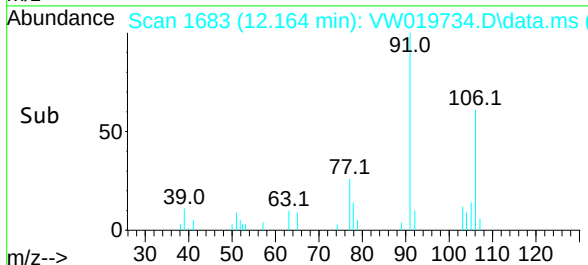
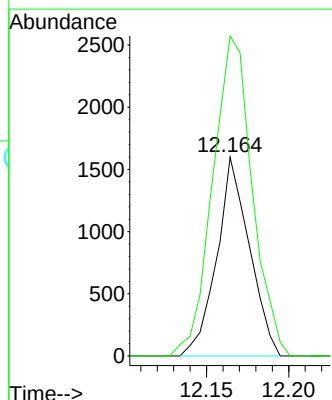
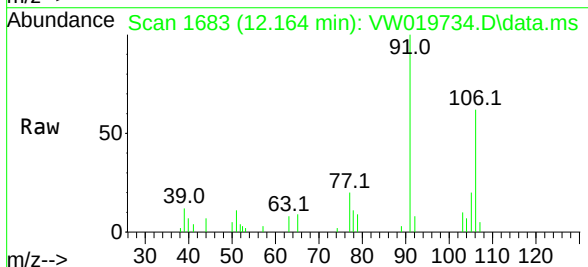
Instrument :
MSVOA_W
ClientSampleId :
DBKB6

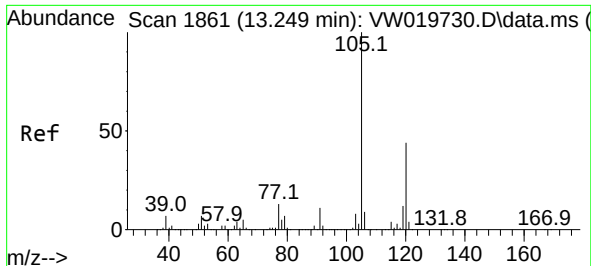
Tgt Ion:106 Resp: 5839
Ion Ratio Lower Upper
106 100
91 193.3 141.3 262.3



#54
o-Xylene
Concen: 0.328 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019734.D
Acq: 13 Aug 2021 14:33

Tgt Ion:106 Resp: 2208
Ion Ratio Lower Upper
106 100
91 161.0 150.0 278.6

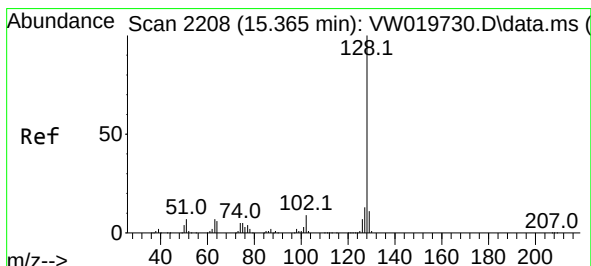
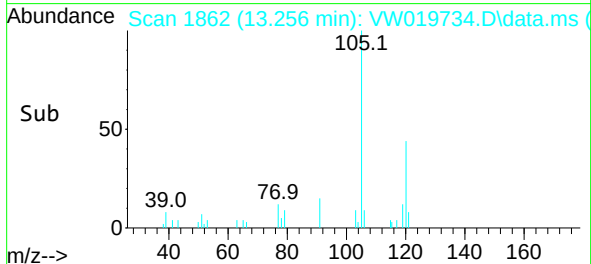
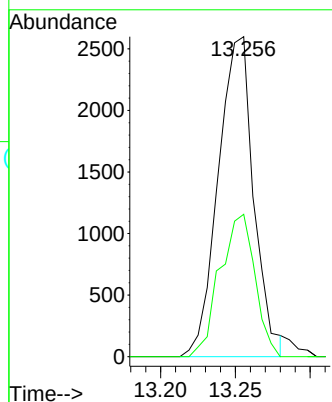
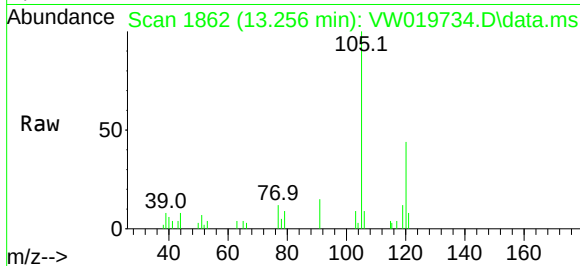




#63
1,2,4-Trimethylbenzene
Concen: 0.374 ug/L
RT: 13.256 min Scan# 1862
Delta R.T. 0.006 min
Lab File: VW019734.D
Acq: 13 Aug 2021 14:33

Instrument :
MSVOA_W
ClientSampled :
DBKB6

Tgt Ion:105 Resp: 4287
Ion Ratio Lower Upper
105 100
120 43.9 35.6 53.4



#71
Naphthalene
Concen: 7.033 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019734.D
Acq: 13 Aug 2021 14:33

Tgt Ion:128 Resp: 46937
Ion Ratio Lower Upper
128 100
127 14.2 10.6 15.8
129 11.4 9.0 13.6

