

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083121\
 Data File : VW019964.D
 Acq On : 31 Aug 2021 17:35
 Operator : SY/VA
 Sample : M3579-08
 Misc : 6.75g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6B0

Quant Time: Sep 01 01:06:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 01 00:59:56 2021
 Response via : Initial Calibration

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

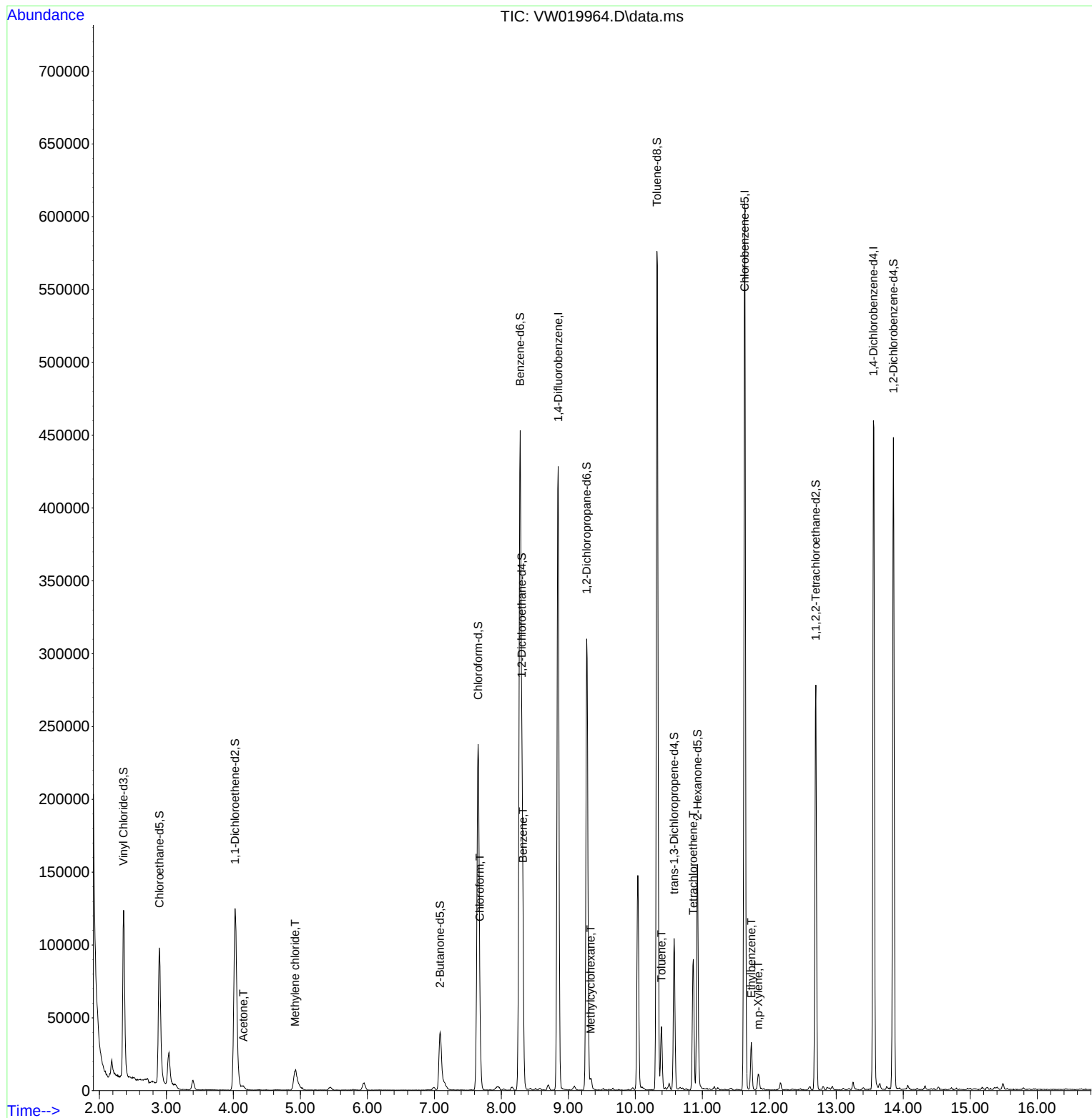
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	354469	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	327828	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	119366	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	122553	22.314	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.240%
7) Chloroethane-d5	2.898	69	123100	25.536	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.160%
11) 1,1-Dichloroethene-d2	4.025	63	138602	14.544	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.160%
21) 2-Butanone-d5	7.086	46	66080	59.234	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.460%
24) Chloroform-d	7.653	84	236449	24.255	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.040%
26) 1,2-Dichloroethane-d4	8.305	65	140734	26.789	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.160%
32) Benzene-d6	8.281	84	453967	24.287	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.160%
36) 1,2-Dichloropropane-d6	9.274	67	145760	25.751	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.000%
41) Toluene-d8	10.323	98	379456	22.152	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	10.579	79	57603	24.633	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.520%
47) 2-Hexanone-d5	10.927	63	50510	64.054	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.100%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	136312	29.588	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	112647	27.512	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.040%
Target Compounds					Qvalue	
13) Acetone	4.147	43	4723	4.959	ug/L	67
16) Methylene chloride	4.922	84	11053	1.817	ug/L	92
25) Chloroform	7.677	83	17308	1.872	ug/L	92
33) Benzene	8.323	78	7956	0.395	ug/L	100
35) Methylcyclohexane	9.335	83	2397	0.267	ug/L #	89
42) Toluene	10.390	91	30575	1.435	ug/L	97
46) Tetrachloroethene	10.866	164	19881	5.018	ug/L	97
52) Ethylbenzene	11.731	91	21351	0.930	ug/L	96
53) m,p-Xylene	11.835	106	3171	0.360	ug/L	94

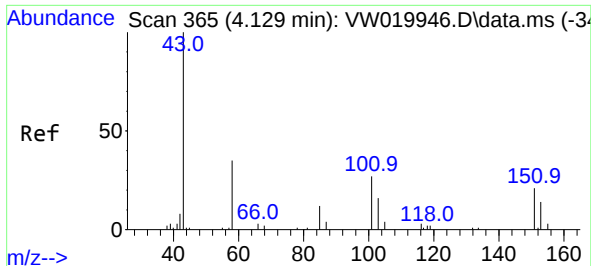
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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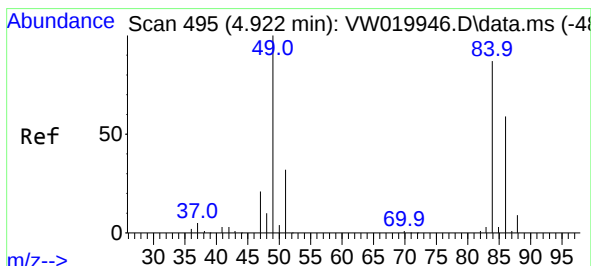
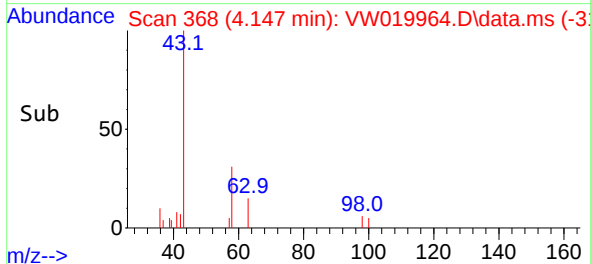
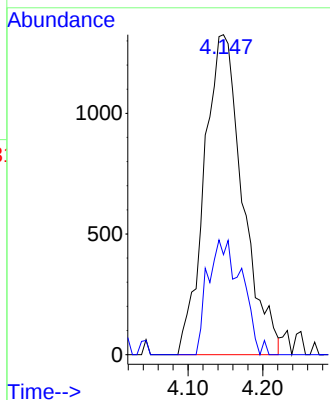
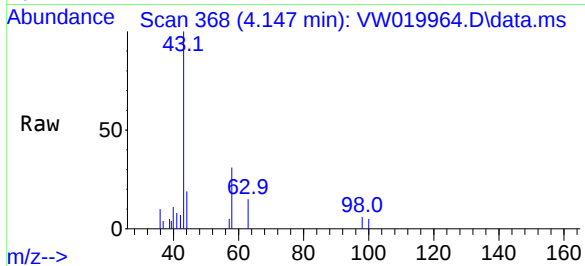




#13
Acetone
Concen: 4.959 ug/L
RT: 4.147 min Scan# 368
Delta R.T. 0.018 min
Lab File: VW019964.D
Acq: 31 Aug 2021 17:35

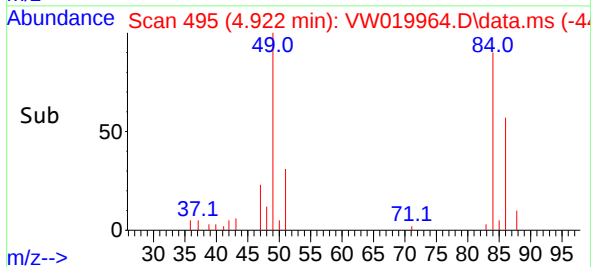
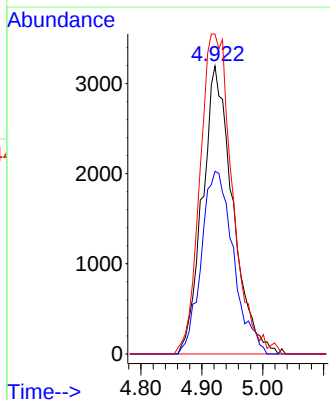
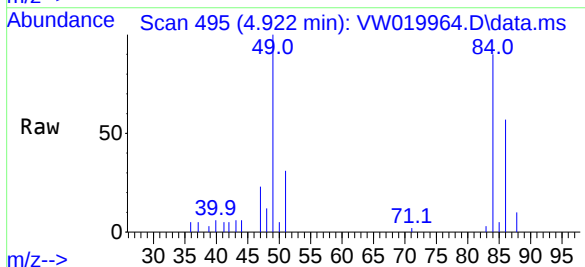
Instrument :
MSVOA_W
ClientSampled :
GB6B0

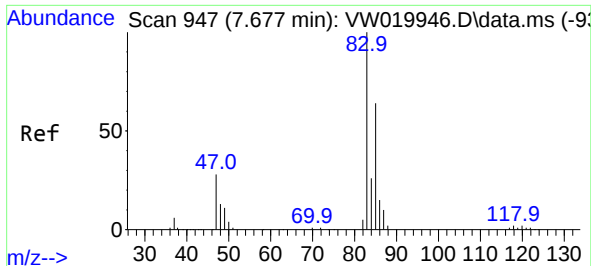
Tgt Ion: 43 Resp: 4723
Ion Ratio Lower Upper
43 100
58 9.9 0.0 53.8



#16
Methylene chloride
Concen: 1.817 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019964.D
Acq: 31 Aug 2021 17:35

Tgt Ion: 84 Resp: 11053
Ion Ratio Lower Upper
84 100
86 63.4 45.3 84.1
49 111.1 86.6 160.8





#25

Chloroform

Concen: 1.872 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW019964.D

Acq: 31 Aug 2021 17:35

Instrument :

MSVOA_W

ClientSampleId :

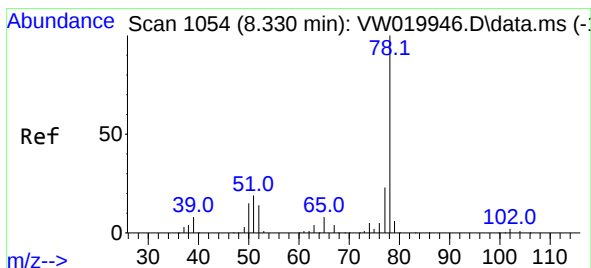
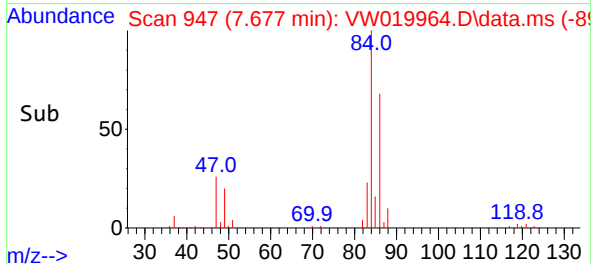
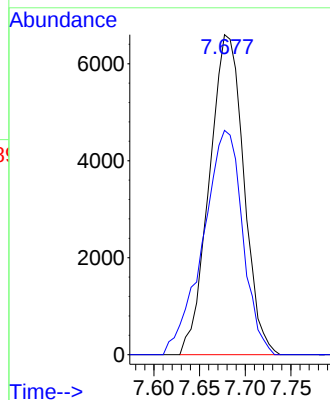
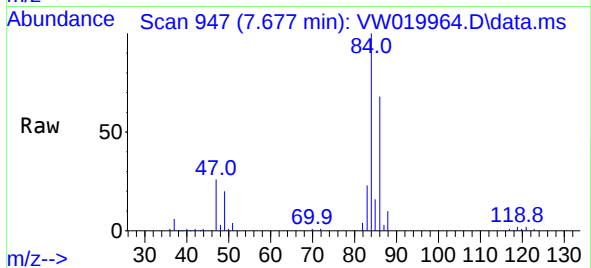
GB6B0

Tgt Ion: 83 Resp: 17308

Ion Ratio Lower Upper

83 100

85 70.1 44.6 82.8



#33

Benzene

Concen: 0.395 ug/L

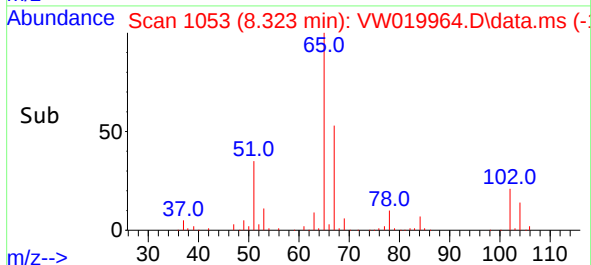
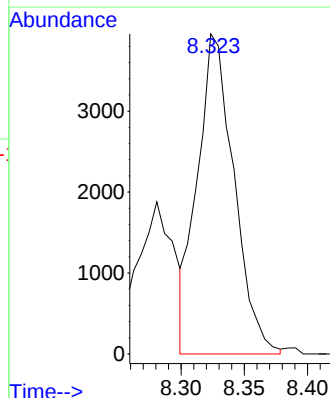
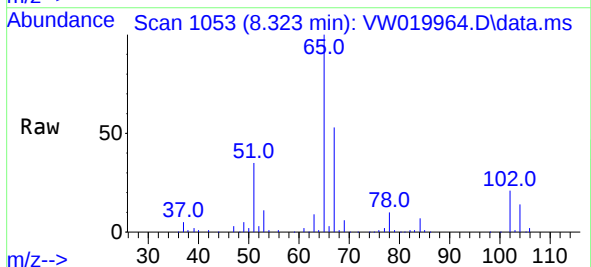
RT: 8.323 min Scan# 1053

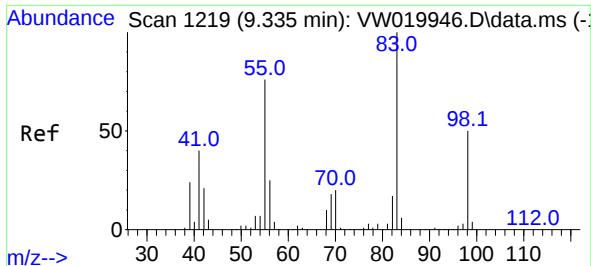
Delta R.T. -0.006 min

Lab File: VW019964.D

Acq: 31 Aug 2021 17:35

Tgt Ion: 78 Resp: 7956

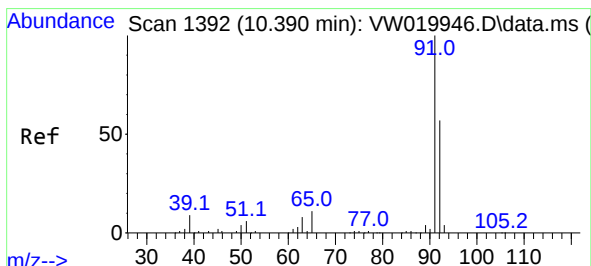
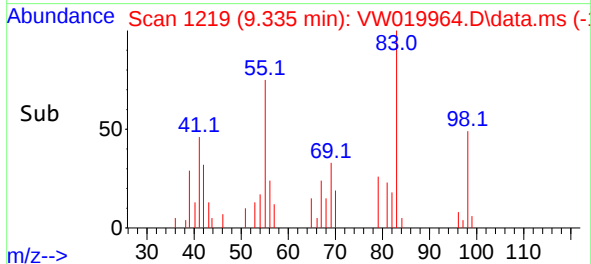
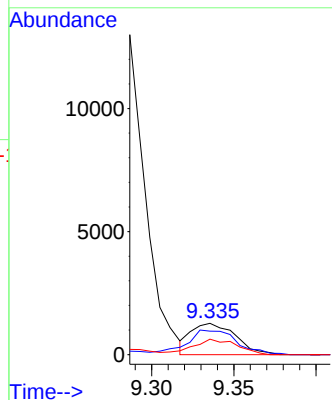
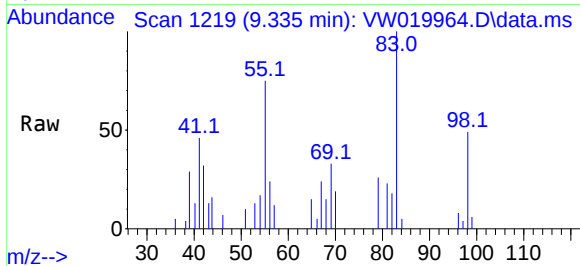




#35
Methylcyclohexane
Concen: 0.267 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019964.D
Acq: 31 Aug 2021 17:35

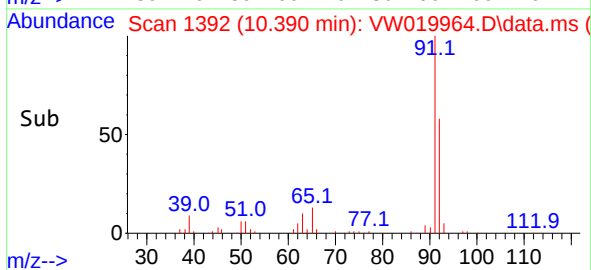
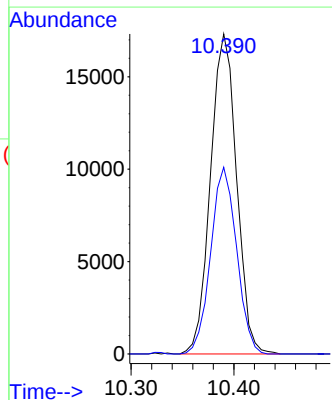
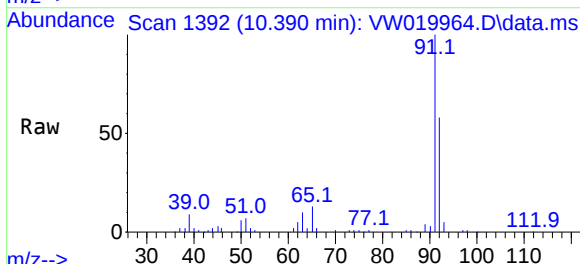
Instrument :
MSVOA_W
ClientSampled :
GB6B0

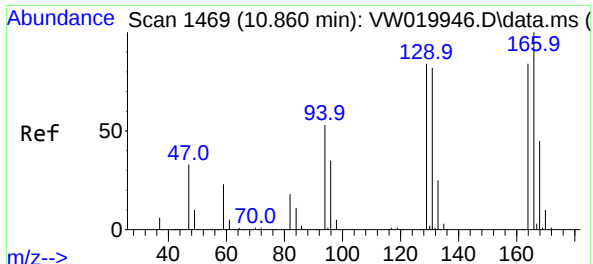
Tgt Ion:	83	Resp:	2397
Ion	Ratio	Lower	Upper
83	100		
55	88.5	58.9	88.3#
98	49.3	40.1	60.1



#42
Toluene
Concen: 1.435 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019964.D
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Tgt Ion:	91	Resp:	30575
Ion	Ratio	Lower	Upper
91	100		
92	58.3	39.5	73.3

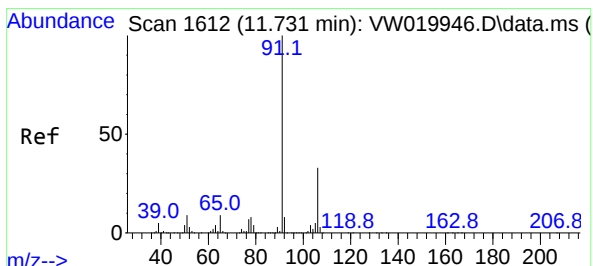
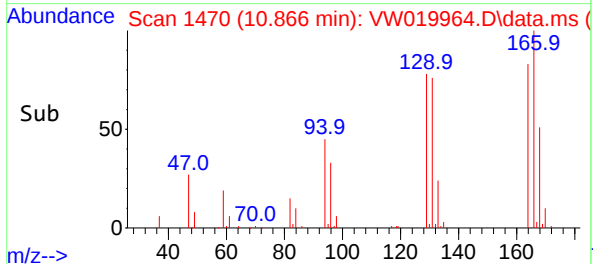
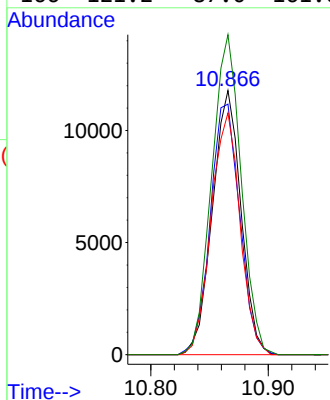
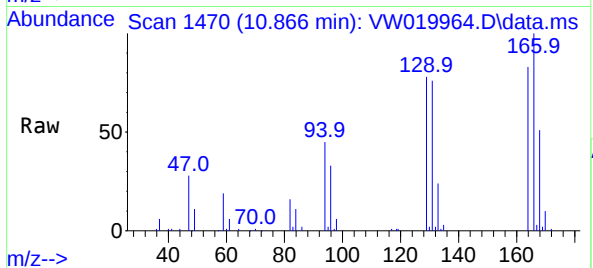




#46
Tetrachloroethene
Concen: 5.018 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW019964.D
Acq: 31 Aug 2021 17:35

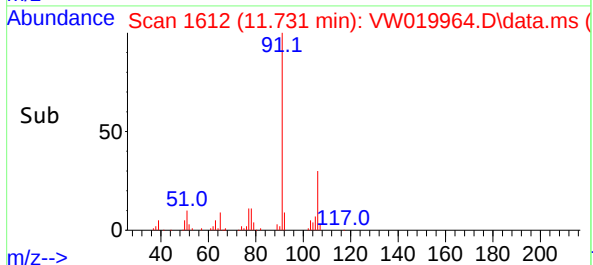
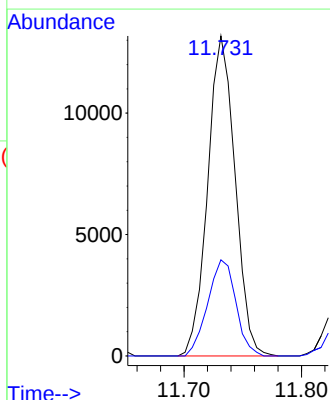
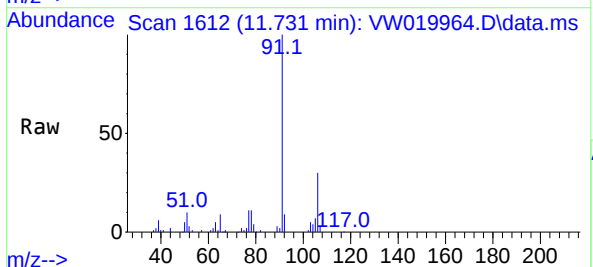
Instrument :
MSVOA_W
ClientSampleId :
GB6B0

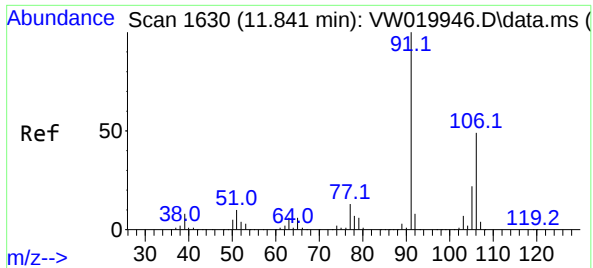
Tgt Ion:164 Resp: 19881
Ion Ratio Lower Upper
164 100
129 94.9 66.7 123.9
131 91.5 61.1 113.5
166 121.2 87.0 161.6



#52
Ethylbenzene
Concen: 0.930 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019964.D
Acq: 31 Aug 2021 17:35

Tgt Ion: 91 Resp: 21351
Ion Ratio Lower Upper
91 100
106 30.0 22.5 41.7





#53
m,p-Xylene
Concen: 0.360 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW019964.D
Acq: 31 Aug 2021 17:35

Instrument :
MSVOA_W
ClientSampleId :
GB6B0

Tgt Ion:106 Resp: 3171
Ion Ratio Lower Upper
106 100
91 192.9 141.3 262.3

