

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051222\
 Data File : VW023011.D
 Acq On : 12 May 2022 19:06
 Operator : SY/VA
 Sample : N2767-09
 Misc : 4.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 13 01:14:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 13 01:10:05 2022
 Response via : Initial Calibration

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

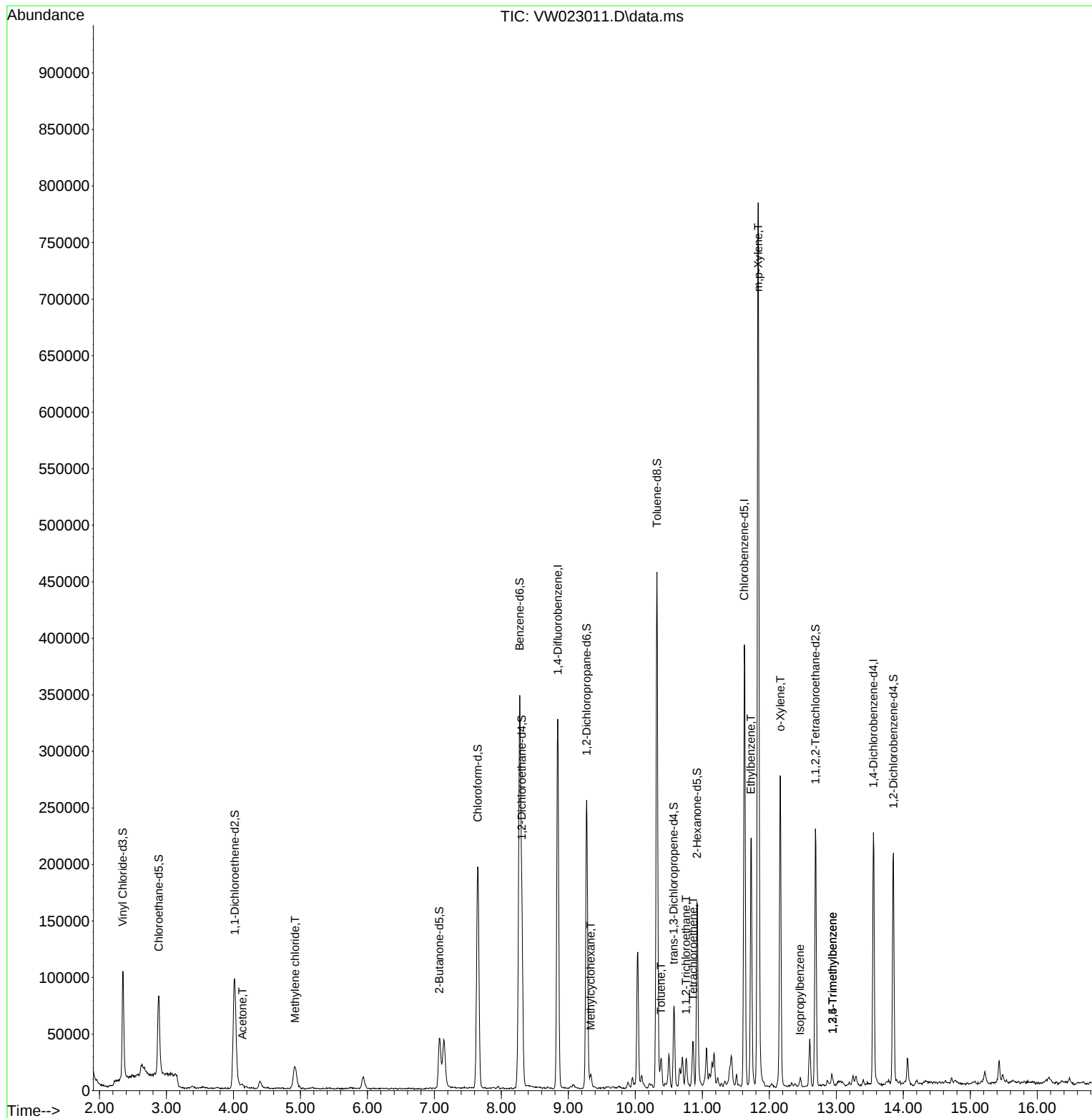
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	277666	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	211728	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	55979	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	99284	17.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.720%
7) Chloroethane-d5	2.885	69	85301	23.016	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.080%
11) 1,1-Dichloroethene-d2	4.019	63	99110	13.465	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.840%
21) 2-Butanone-d5	7.074	46	73681	68.026	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.060%#
24) Chloroform-d	7.647	84	201375	24.754	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	8.305	65	114872	25.746	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	8.274	84	338912	27.771	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.080%
36) 1,2-Dichloropropane-d6	9.274	67	111754	32.599	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.400%#
41) Toluene-d8	10.323	98	281803	23.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	10.573	79	39411	24.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.880%
47) 2-Hexanone-d5	10.920	63	56771	86.750	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	173.500%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	106867	33.446	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.800%#
66) 1,2-Dichlorobenzene-d4	13.853	152	50903	26.013	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.040%
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	4418	5.448	ug/L	83
16) Methylene chloride	4.921	84	17352	4.271	ug/L	94
35) Methylcyclohexane	9.335	83	4279	0.759	ug/L #	76
42) Toluene	10.384	91	17900	1.281	ug/L	92
45) 1,1,2-Trichloroethane	10.756	97	10407	4.124	ug/L #	21
46) Tetrachloroethene	10.866	164	8723	3.384	ug/L	79
52) Ethylbenzene	11.725	91	152741	9.822	ug/L	96
53) m,p-Xylene	11.835	106	239087	39.018	ug/L	93
54) o-Xylene	12.164	106	72751	12.372	ug/L	92
60) Isopropylbenzene	12.457	105	3706	0.483	ug/L #	87
62) 1,3,5-Trimethylbenzene	12.944	105	2880	0.675	ug/L	97
63) 1,2,4-Trimethylbenzene	12.944	105	2880	0.450	ug/L	95

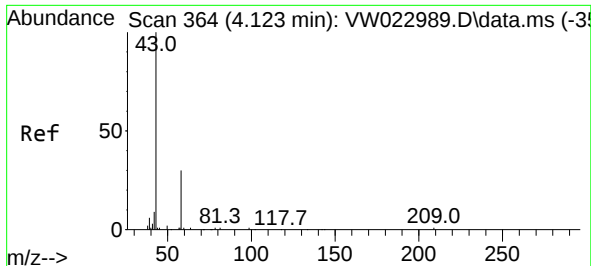
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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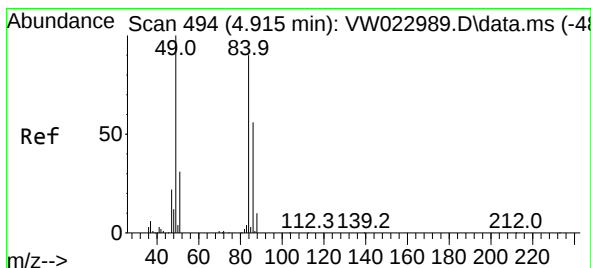
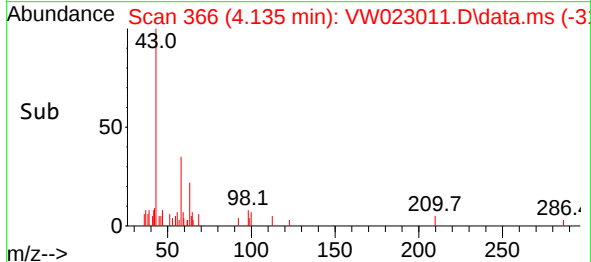
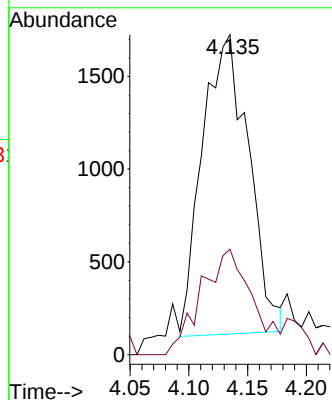
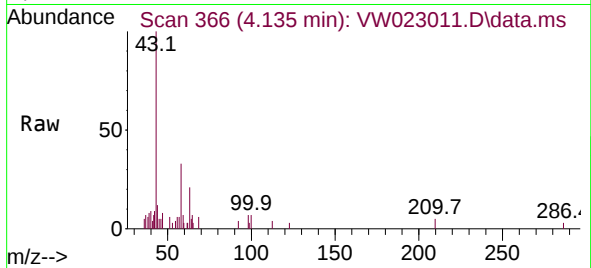




#13
Acetone
Concen: 5.448 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW023011.D
Acq: 12 May 2022 19:06

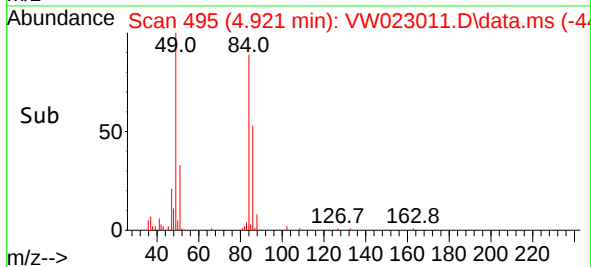
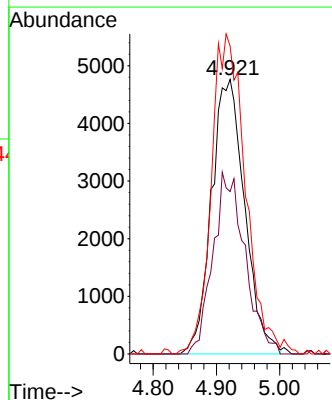
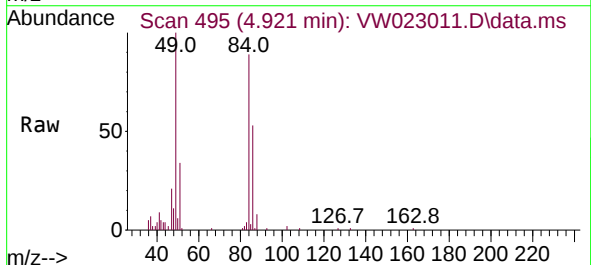
Instrument :
MSVOA_W
ClientSampleId :

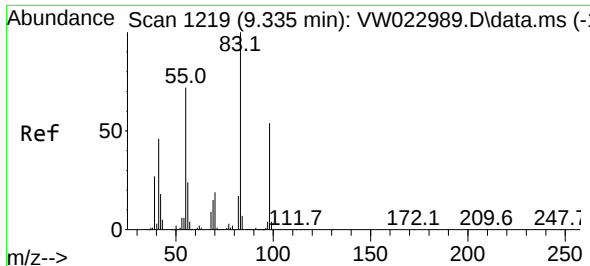
Tgt Ion: 43 Resp: 4418
Ion Ratio Lower Upper
43 100
58 22.4 0.0 64.0



#16
Methylene chloride
Concen: 4.271 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW023011.D
Acq: 12 May 2022 19:06

Tgt Ion: 84 Resp: 17352
Ion Ratio Lower Upper
84 100
86 59.2 45.4 84.4
49 112.1 82.5 153.1





#35

Methylcyclohexane

Concen: 0.759 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023011.D

Acq: 12 May 2022 19:06

Instrument :

MSVOA_W

ClientSampleId :

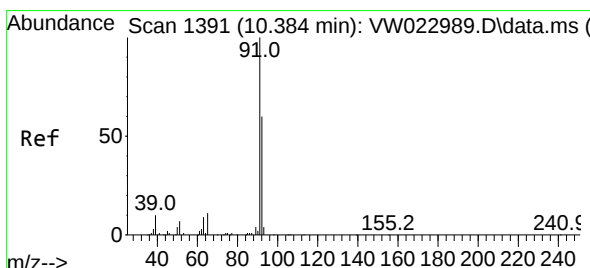
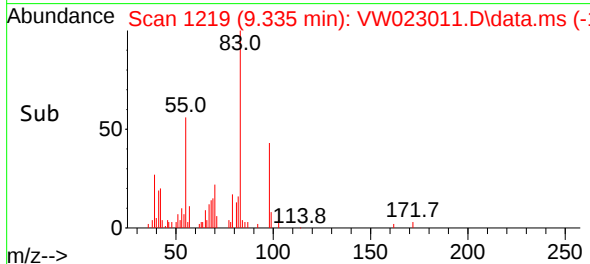
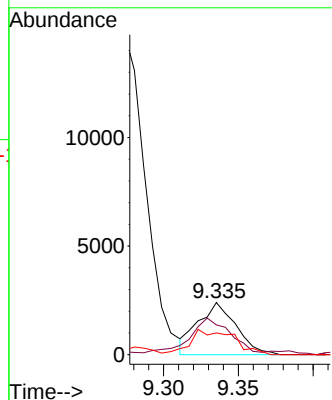
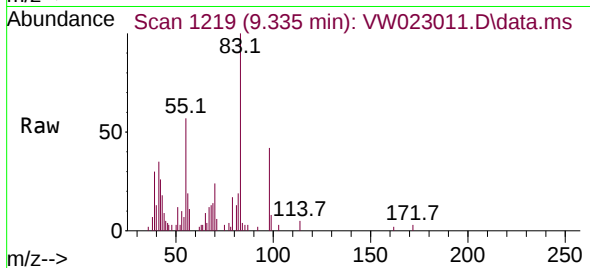
Tgt Ion: 83 Resp: 4279

Ion Ratio Lower Upper

83 100

55 77.0 55.1 82.7

98 21.4 40.4 60.6#



#42

Toluene

Concen: 1.281 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW023011.D

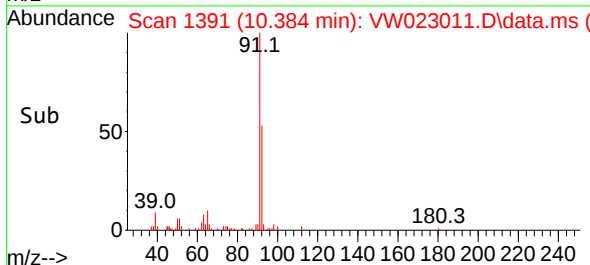
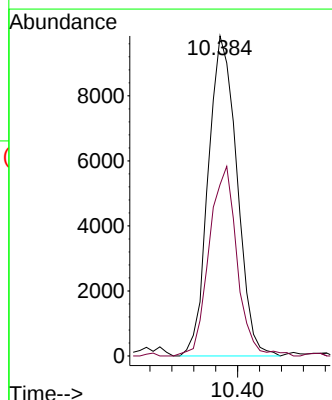
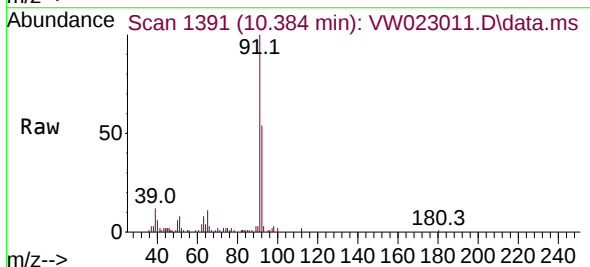
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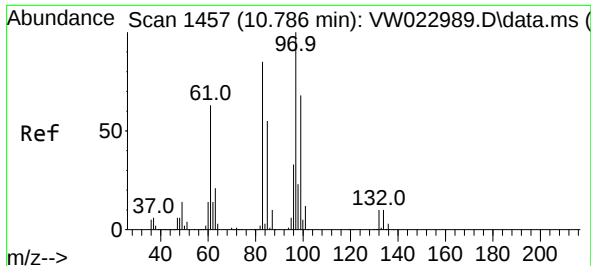
Tgt Ion: 91 Resp: 17900

Ion Ratio Lower Upper

91 100

92 53.6 41.6 77.2

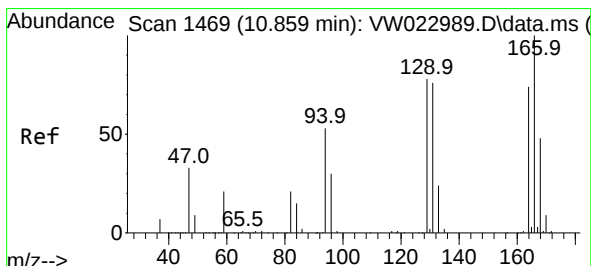
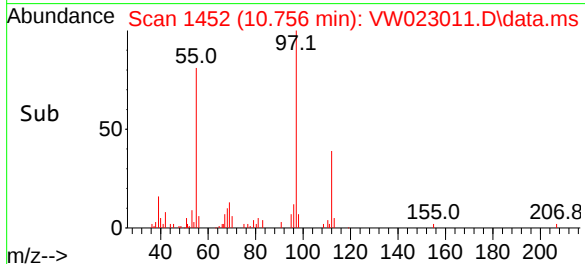
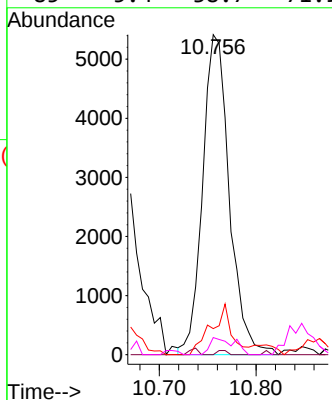
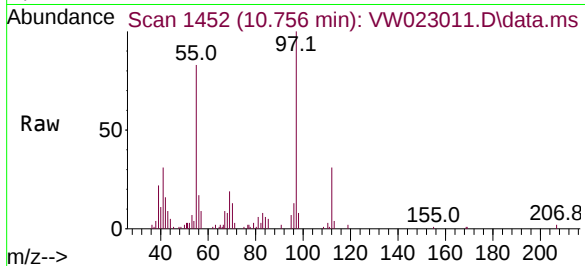




#45
1,1,2-Trichloroethane
Concen: 4.124 ug/L
RT: 10.756 min Scan# 1457
Delta R.T. -0.031 min
Lab File: VW023011.D
Acq: 12 May 2022 19:06

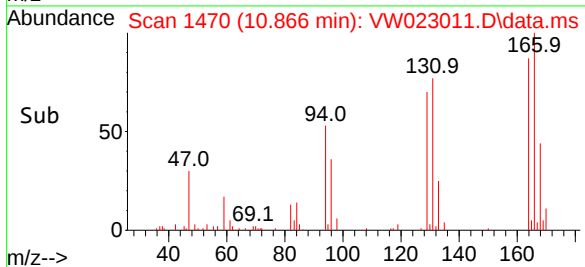
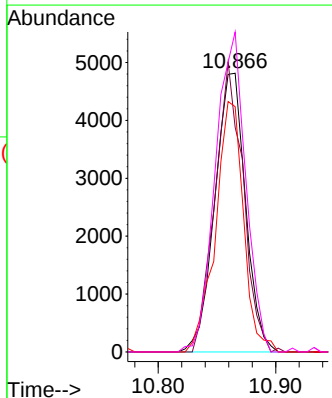
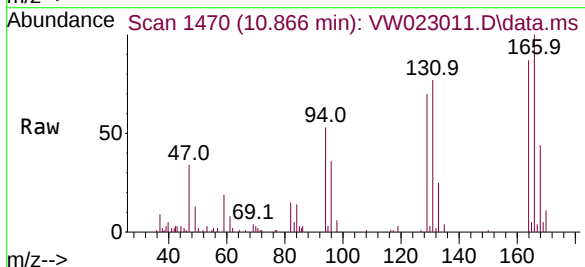
Instrument :
MSVOA_W
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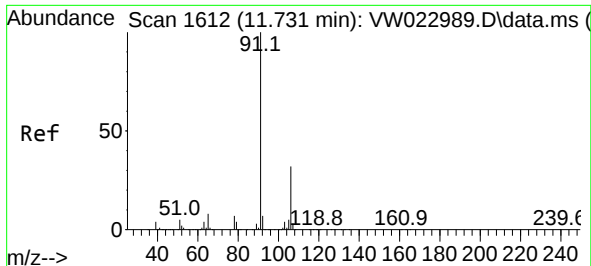
Tgt Ion: 97	Resp: 10407
Ion Ratio	Lower Upper
97 100	
99 0.0	44.7 82.9#
83 8.2	58.4 108.4#
85 5.4	38.7 71.9#



#46
Tetrachloroethene
Concen: 3.384 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW023011.D
Acq: 12 May 2022 19:06

Tgt Ion: 164	Resp: 8723
Ion Ratio	Lower Upper
164 100	
129 80.6	76.9 142.7
131 88.0	75.1 139.5
166 114.8	96.0 178.2

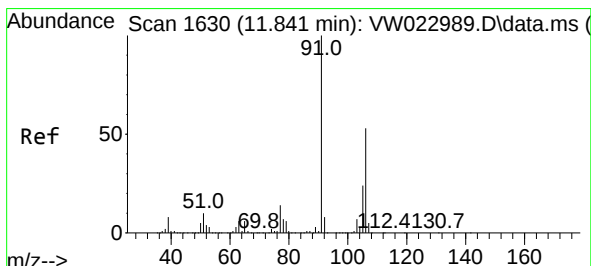
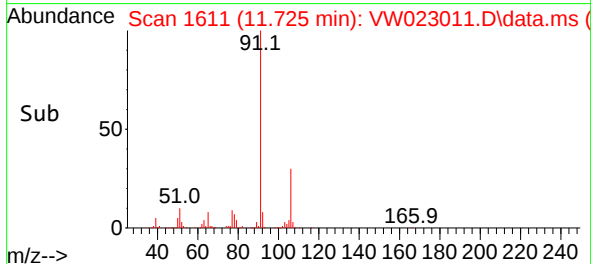
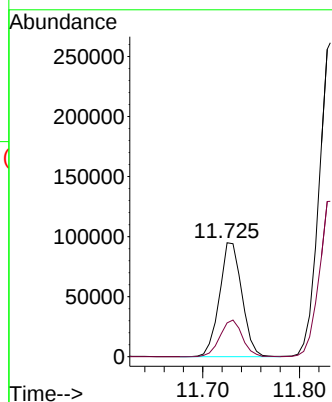
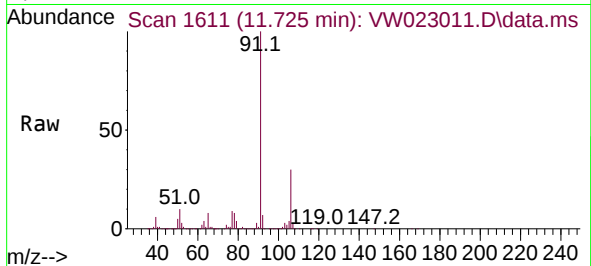




#52
Ethylbenzene
Concen: 9.822 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW023011.D
Acq: 12 May 2022 19:06

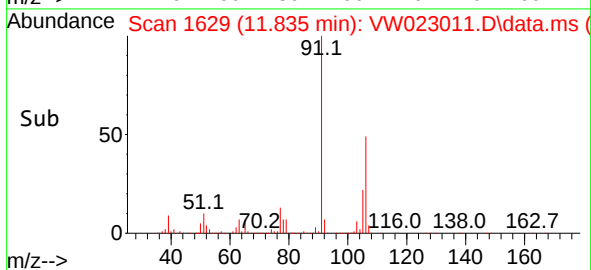
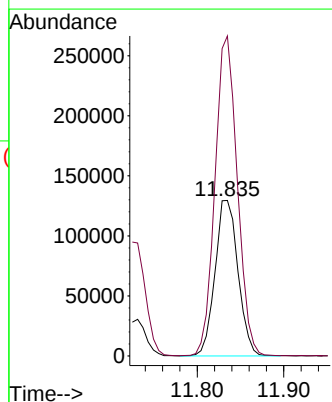
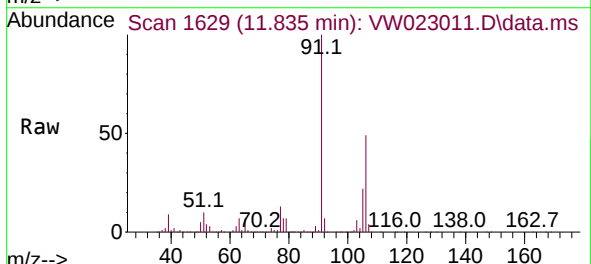
Instrument :
MSVOA_W
ClientSampleId :

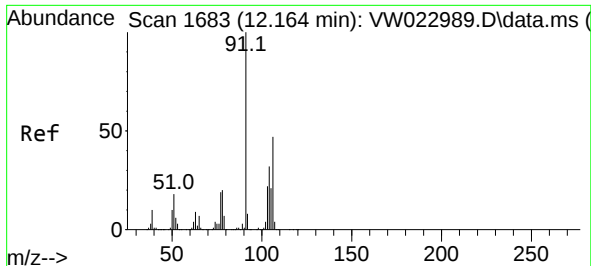
Tgt Ion: 91 Resp: 152741
Ion Ratio Lower Upper
91 100
106 29.6 22.3 41.3



#53
m,p-Xylene
Concen: 39.018 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023011.D
Acq: 12 May 2022 19:06

Tgt Ion: 106 Resp: 239087
Ion Ratio Lower Upper
106 100
91 205.8 136.8 254.0

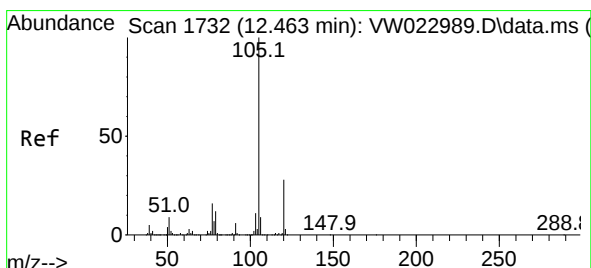
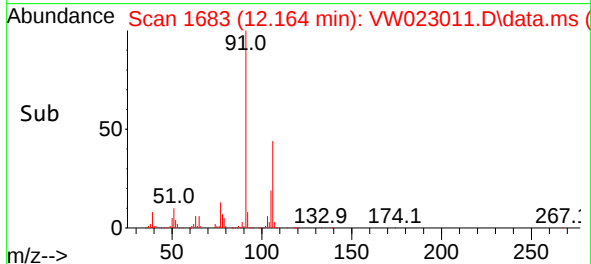
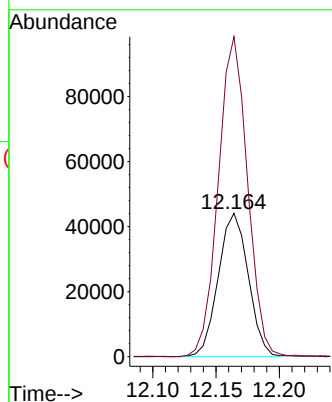
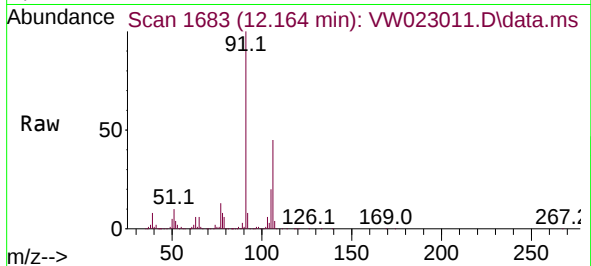




#54
o-Xylene
Concen: 12.372 ug/L
RT: 12.164 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023011.D
Acq: 12 May 2022 19:06

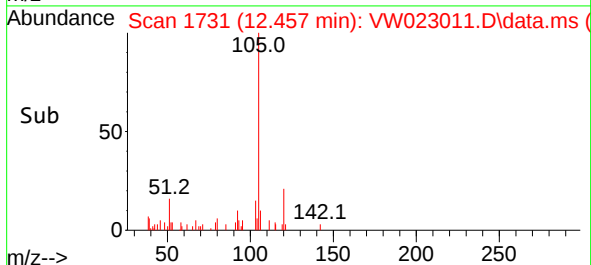
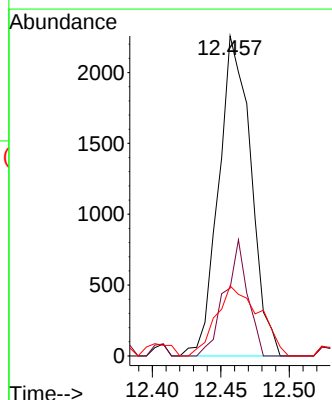
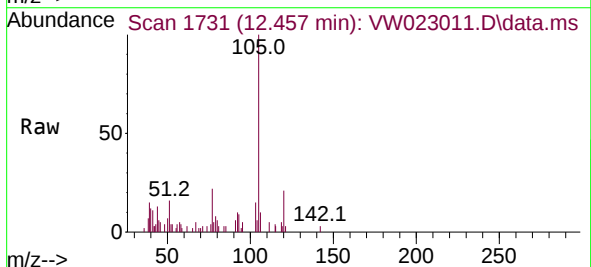
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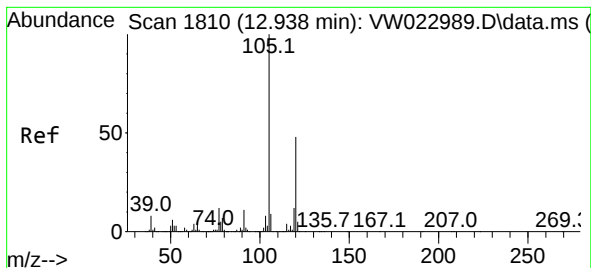
Tgt Ion:106 Resp: 72751
Ion Ratio Lower Upper
106 100
91 223.3 147.2 273.4



#60
Isopropylbenzene
Concen: 0.483 ug/L
RT: 12.457 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VW023011.D
Acq: 12 May 2022 19:06

Tgt Ion:105 Resp: 3706
Ion Ratio Lower Upper
105 100
120 25.6 21.3 31.9
77 29.1 12.6 19.0#





#62

1,3,5-Trimethylbenzene

Concen: 0.675 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW023011.D

Acq: 12 May 2022 19:06

Instrument :

MSVOA_W

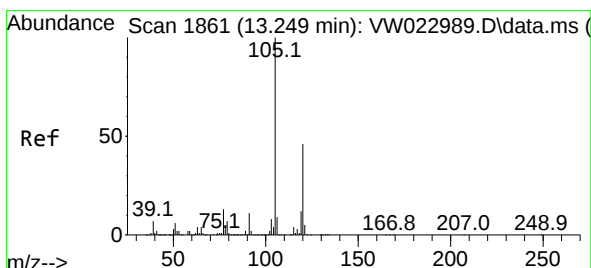
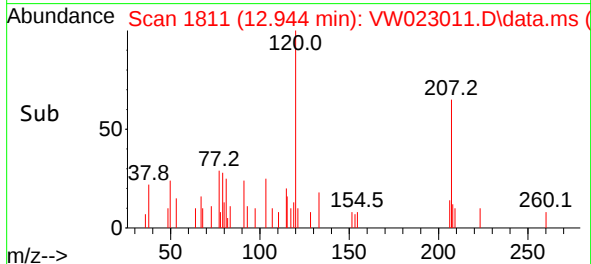
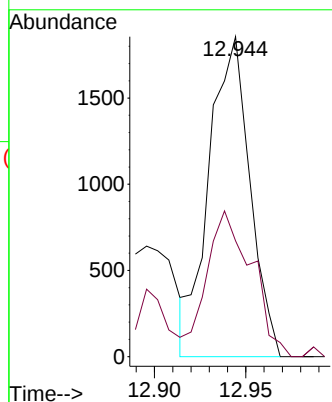
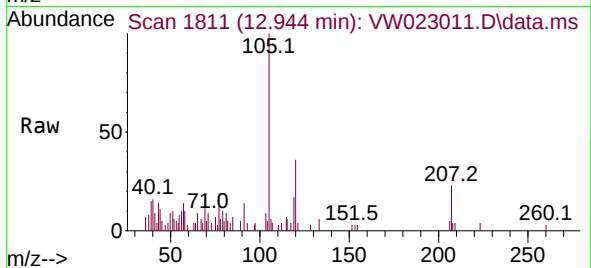
ClientSampleId :

Tgt Ion:105 Resp: 2880

Ion Ratio Lower Upper

105 100

120 50.3 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 0.450 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. -0.305 min

Lab File: VW023011.D

Acq: 12 May 2022 19:06

Tgt Ion:105 Resp: 2880

Ion Ratio Lower Upper

105 100

120 50.3 37.4 56.2

