

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051222\
 Data File : VW023010.D
 Acq On : 12 May 2022 18:42
 Operator : SY/VA
 Sample : N2767-10
 Misc : 6.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGPM5

Quant Time: May 13 01:14:37 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)

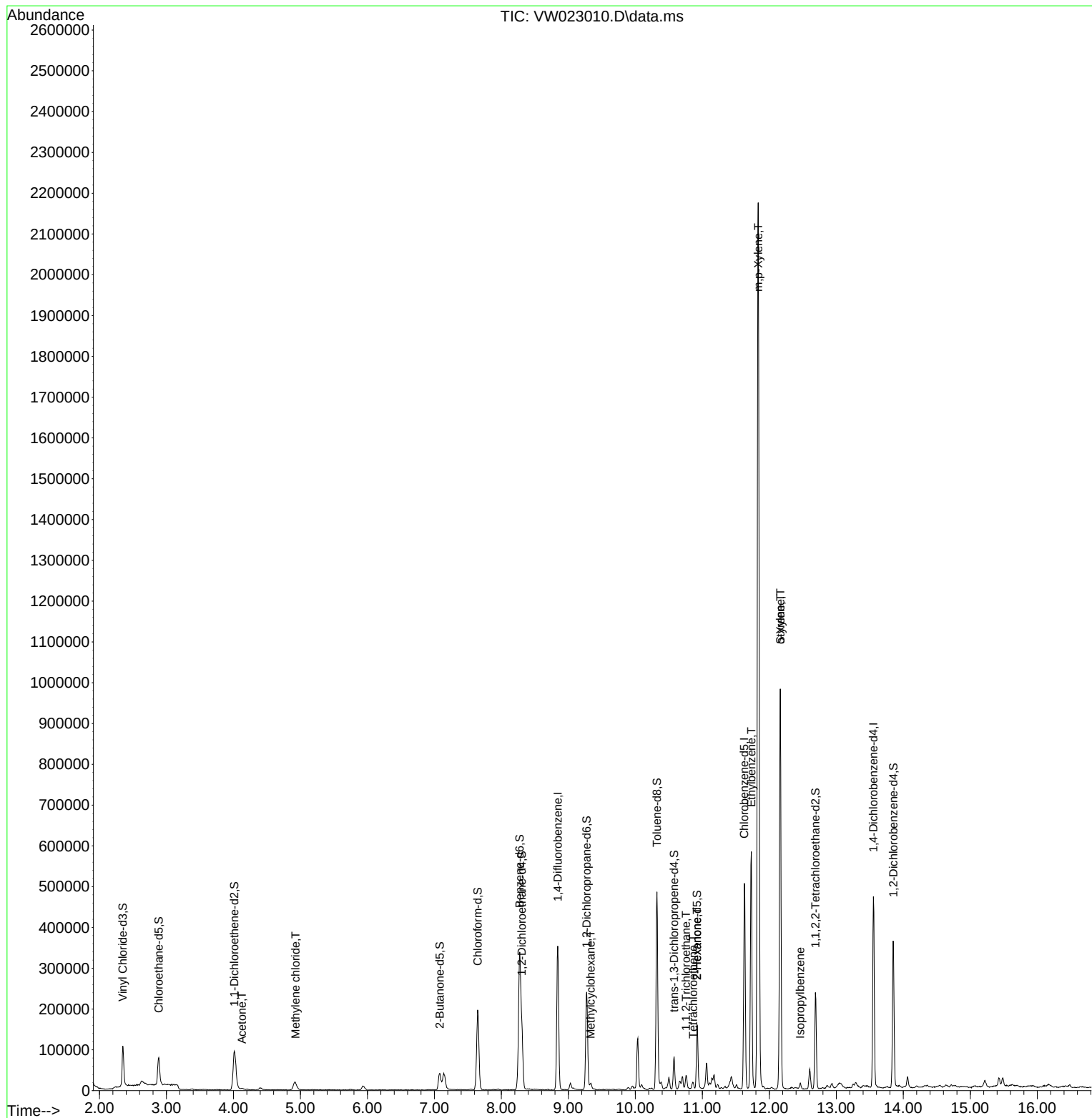
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	297951	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	275274	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	118332	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	98413	16.099	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.400%
7) Chloroethane-d5	2.885	69	81561	20.509	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.040%
11) 1,1-Dichloroethene-d2	4.013	63	96920	12.271	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.080%
21) 2-Butanone-d5	7.080	46	68052	58.552	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.100%
24) Chloroform-d	7.646	84	192972	22.106	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.440%
26) 1,2-Dichloroethane-d4	8.305	65	111009	23.186	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.760%
32) Benzene-d6	8.274	84	333792	21.037	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.160%
36) 1,2-Dichloropropane-d6	9.274	67	109828	24.642	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.560%
41) Toluene-d8	10.323	98	301513	19.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.680%
43) trans-1,3-Dichloroprop...	10.579	79	41092	20.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.080%
47) 2-Hexanone-d5	10.920	63	53666	63.075	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.140%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	111775	26.906	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	90739	21.936	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.760%
Target Compounds	Qvalue					
13) Acetone	4.129	43	2667	3.065	ug/L	83
16) Methylene chloride	4.927	84	16617	3.811	ug/L	94
35) Methylcyclohexane	9.335	83	5478	0.748	ug/L	95
45) 1,1,2-Trichloroethane	10.756	97	13498	4.114	ug/L #	20
46) Tetrachloroethene	10.865	164	3277	0.978	ug/L	83
48) 2-Hexanone	10.920	43	9127	5.523	ug/L #	59
52) Ethylbenzene	11.731	91	410297	20.293	ug/L	99
53) m,p-Xylene	11.835	106	678790	85.204	ug/L	97
54) o-Xylene	12.164	106	263585	34.479	ug/L	98
55) Styrene	12.164	104	14037	1.081	ug/L #	1
60) Isopropylbenzene	12.463	105	7116	0.439	ug/L #	93

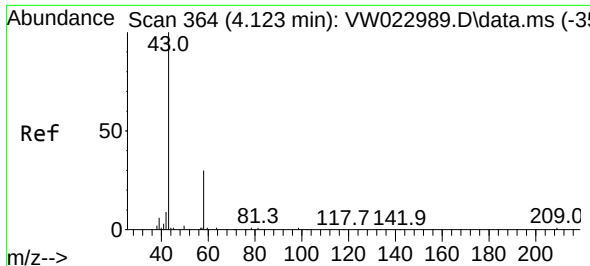
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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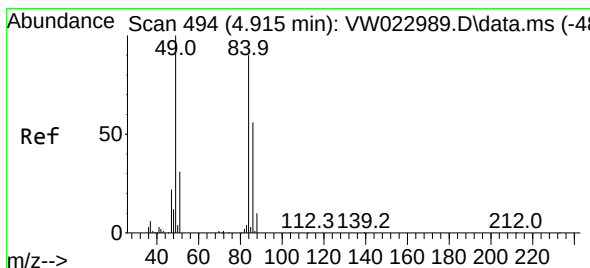
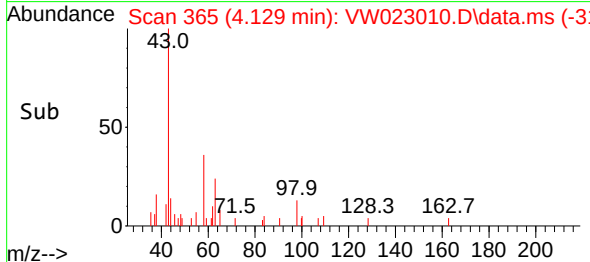
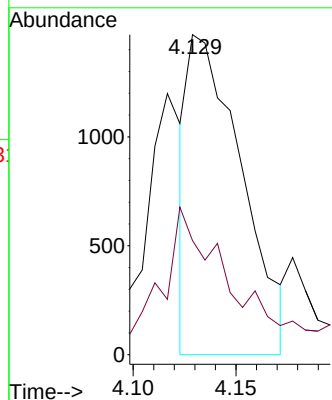
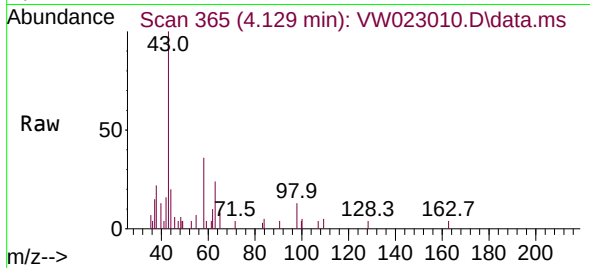




#13
Acetone
Concen: 3.065 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023010.D
Acq: 12 May 2022 18:42

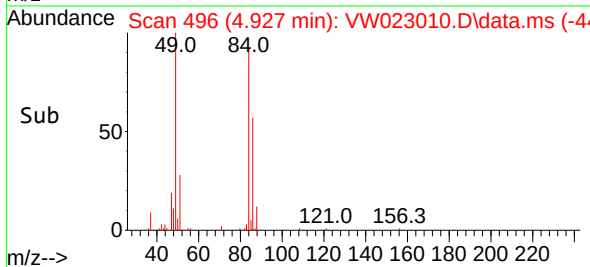
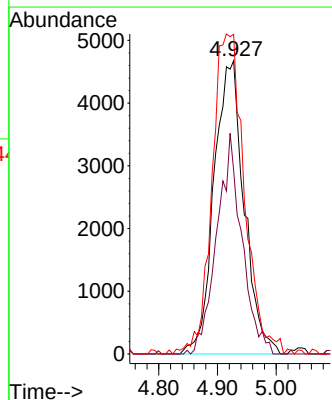
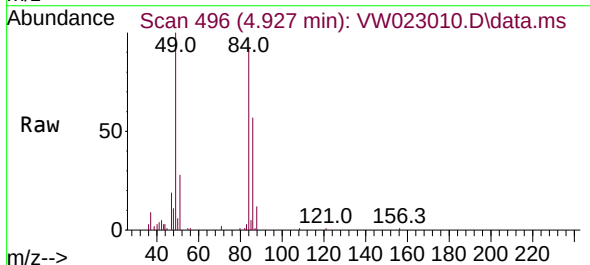
Instrument :
MSVOA_W
ClientSampleId :
BGPM5

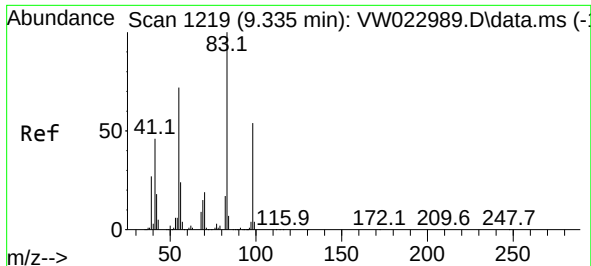
Tgt Ion: 43 Resp: 2667
Ion Ratio Lower Upper
43 100
58 22.4 0.0 64.0



#16
Methylene chloride
Concen: 3.811 ug/L
RT: 4.927 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW023010.D
Acq: 12 May 2022 18:42

Tgt Ion: 84 Resp: 16617
Ion Ratio Lower Upper
84 100
86 62.7 45.4 84.4
49 109.1 82.5 153.1

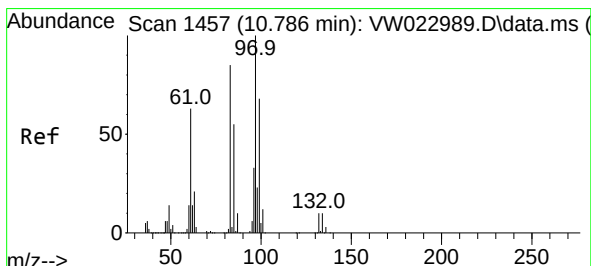
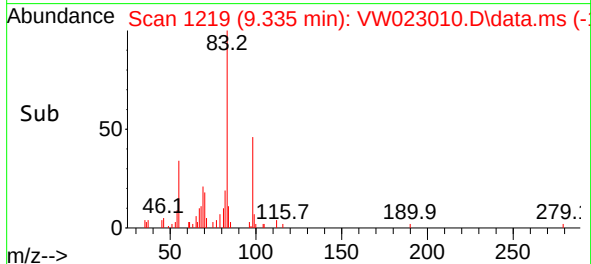
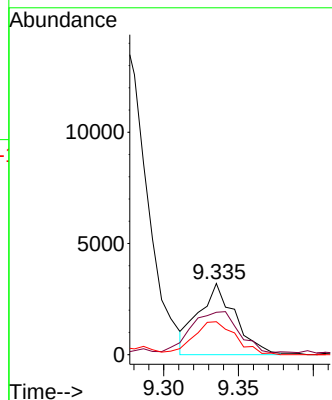
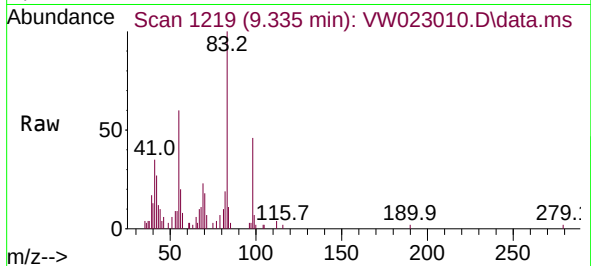




#35
Methylcyclohexane
Concen: 0.748 ug/L
RT: 9.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023010.D
Acq: 12 May 2022 18:42

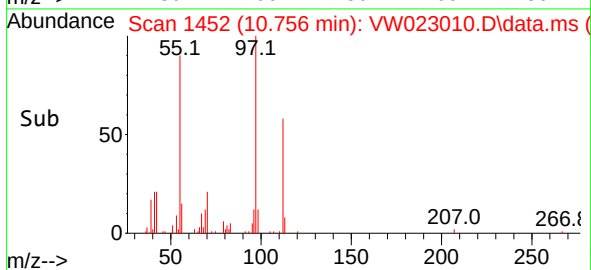
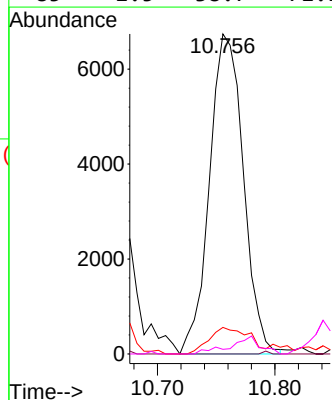
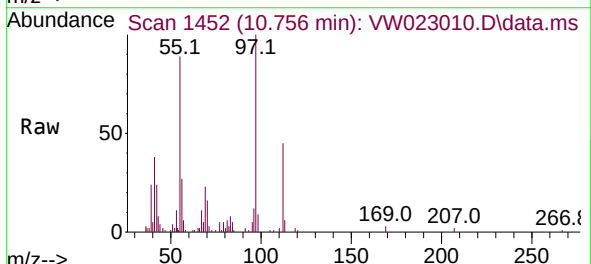
Instrument :
MSVOA_W
ClientSampleId :
BGPM5

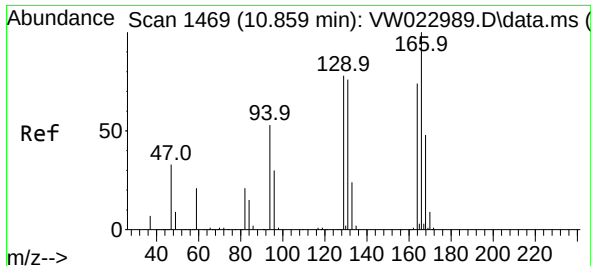
Tgt Ion: 83 Resp: 5478
Ion Ratio Lower Upper
83 100
55 73.2 55.1 82.7
98 53.2 40.4 60.6



#45
1,1,2-Trichloroethane
Concen: 4.114 ug/L
RT: 10.756 min Scan# 1452
Delta R.T. -0.031 min
Lab File: VW023010.D
Acq: 12 May 2022 18:42

Tgt Ion: 97 Resp: 13498
Ion Ratio Lower Upper
97 100
99 0.0 44.7 82.9#
83 8.3 58.4 108.4#
85 1.5 38.7 71.9#

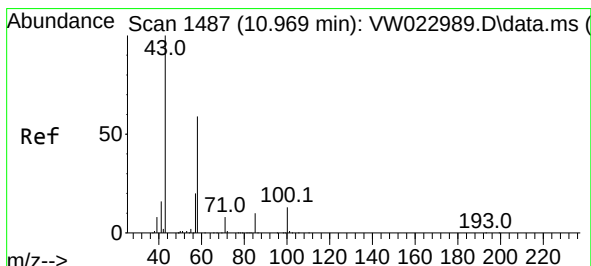
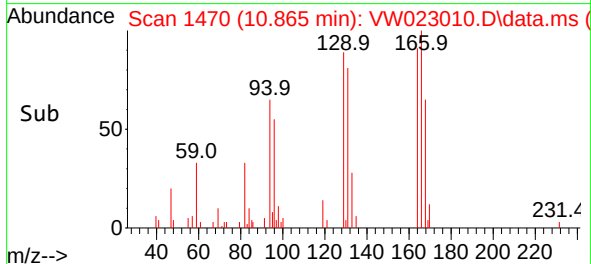
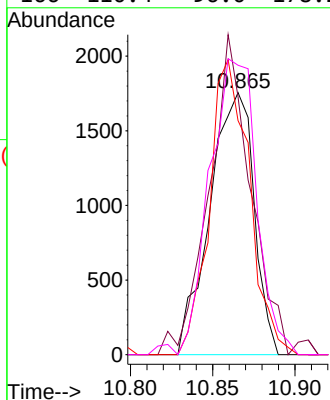
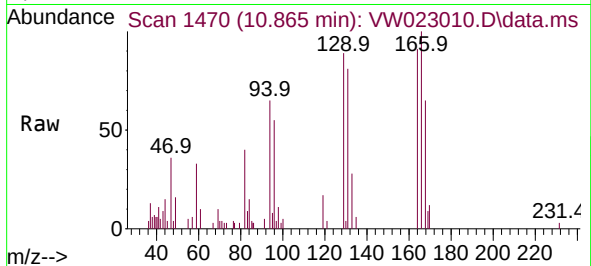




#46
Tetrachloroethene
Concen: 0.978 ug/L
RT: 10.865 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW023010.D
Acq: 12 May 2022 18:42

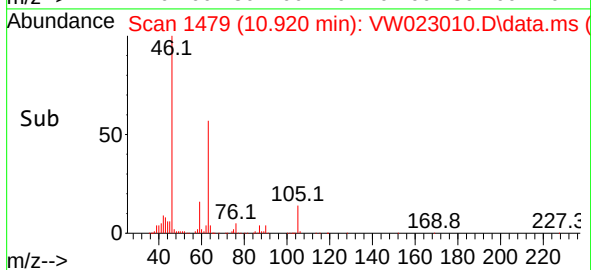
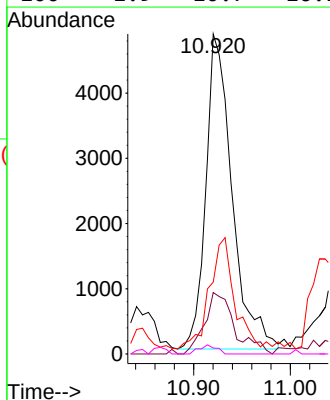
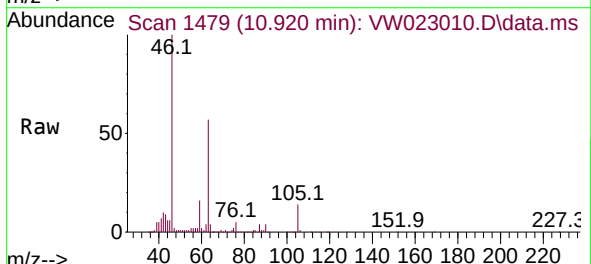
Instrument :
MSVOA_W
ClientSampleId :
BGPM5

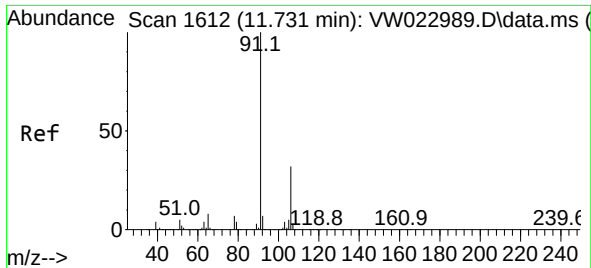
Tgt Ion:164 Resp: 3277
Ion Ratio Lower Upper
164 100
129 98.3 76.9 142.7
131 89.3 75.1 139.5
166 110.4 96.0 178.2



#48
2-Hexanone
Concen: 5.523 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW023010.D
Acq: 12 May 2022 18:42

Tgt Ion: 43 Resp: 9127
Ion Ratio Lower Upper
43 100
58 19.6 45.9 68.9#
57 29.7 16.2 24.2#
100 1.9 10.7 16.1#

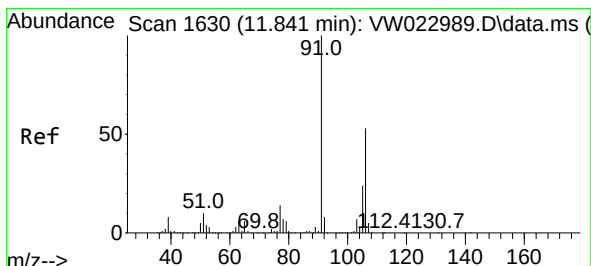
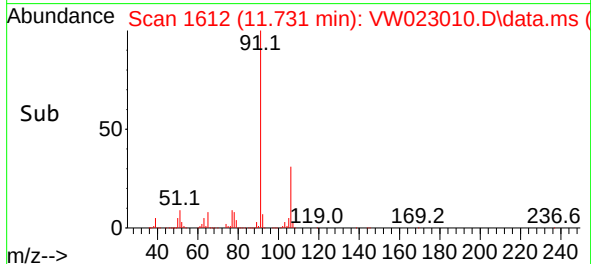
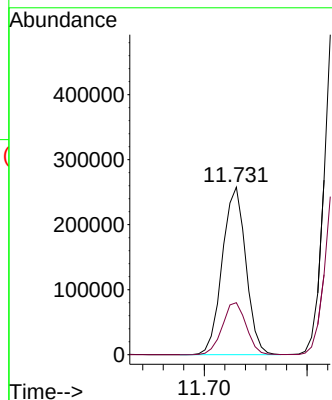
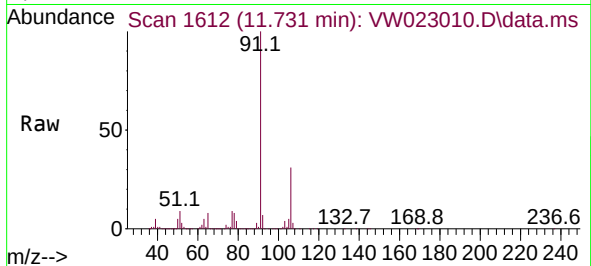




#52
Ethylbenzene
Concen: 20.293 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023010.D
Acq: 12 May 2022 18:42

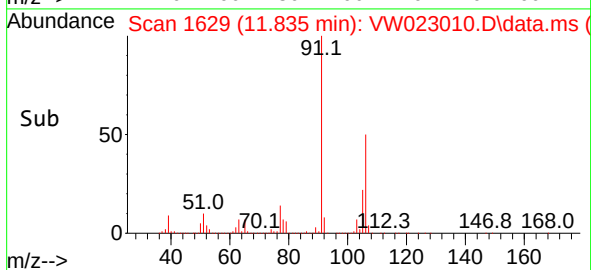
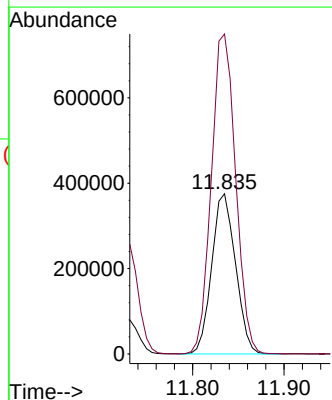
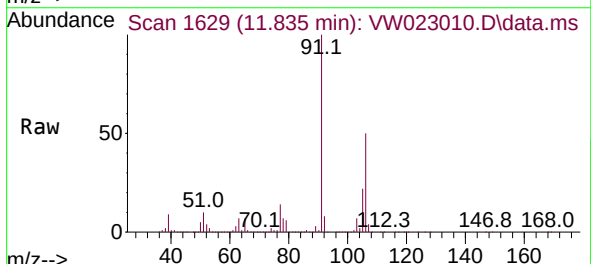
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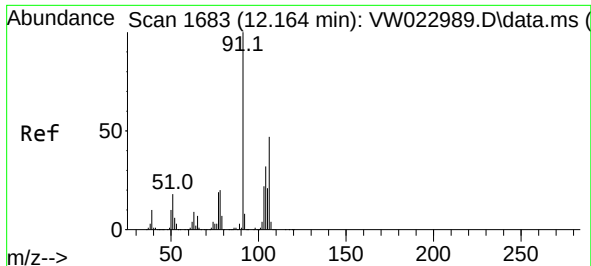
Tgt Ion: 91 Resp: 410297
Ion Ratio Lower Upper
91 100
106 31.1 22.3 41.3



#53
m,p-Xylene
Concen: 85.204 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023010.D
Acq: 12 May 2022 18:42

Tgt Ion:106 Resp: 678790
Ion Ratio Lower Upper
106 100
91 199.7 136.8 254.0

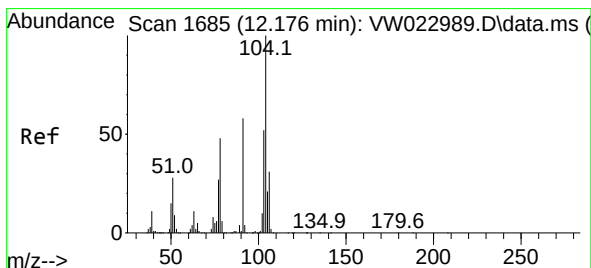
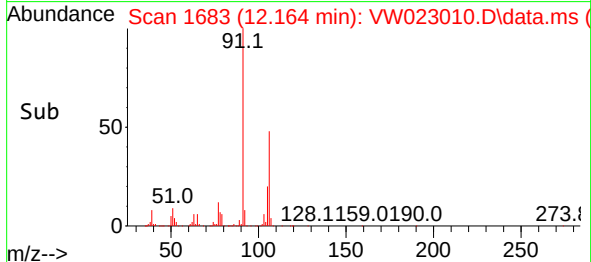
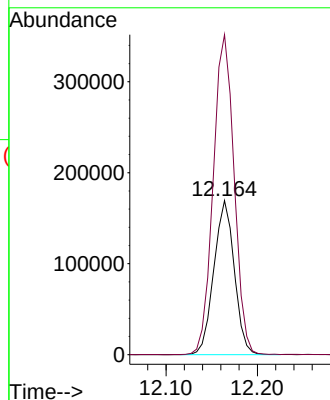
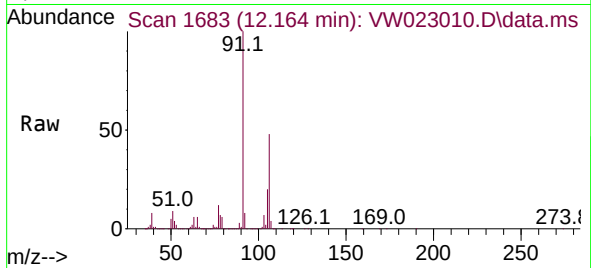




#54
o-Xylene
Concen: 34.479 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023010.D
Acq: 12 May 2022 18:42

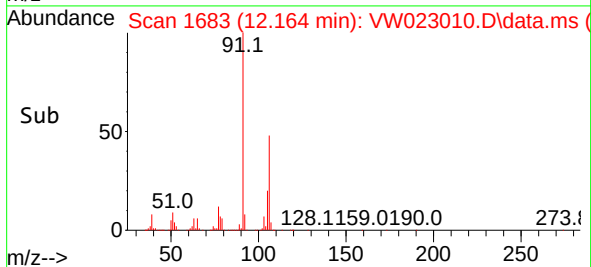
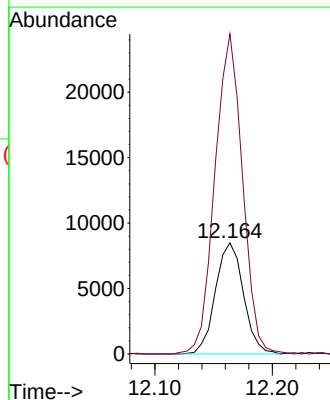
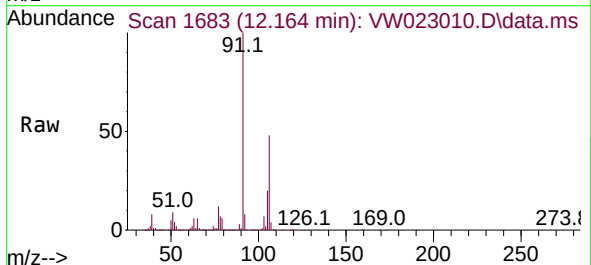
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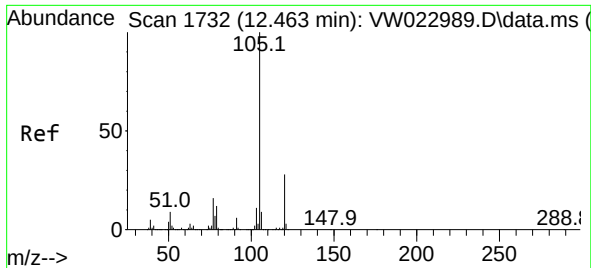
Tgt Ion:106 Resp: 263585
Ion Ratio Lower Upper
106 100
91 207.6 147.2 273.4



#55
Styrene
Concen: 1.081 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.012 min
Lab File: VW023010.D
Acq: 12 May 2022 18:42

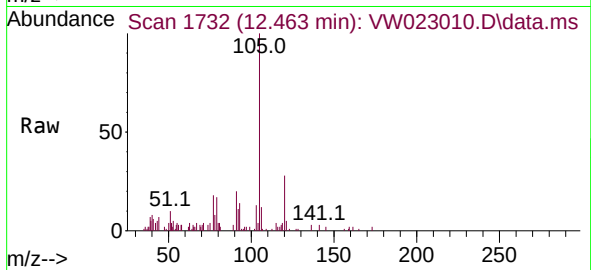
Tgt Ion:104 Resp: 14037
Ion Ratio Lower Upper
104 100
78 288.1 32.3 59.9#





#60
Isopropylbenzene
Concen: 0.439 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023010.D
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Tgt Ion:	105	Resp:	7116
Ion	Ratio	Lower	Upper
105	100		
120	25.8	21.3	31.9
77	22.6	12.6	19.0#

