

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023878.D
 Acq On : 19 Jul 2022 12:39
 Operator : SY/VA
 Sample : N3709-08
 Misc : 7.02g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0B24

Quant Time: Jul 20 01:19:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 01:17:09 2022
 Response via : Initial Calibration

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

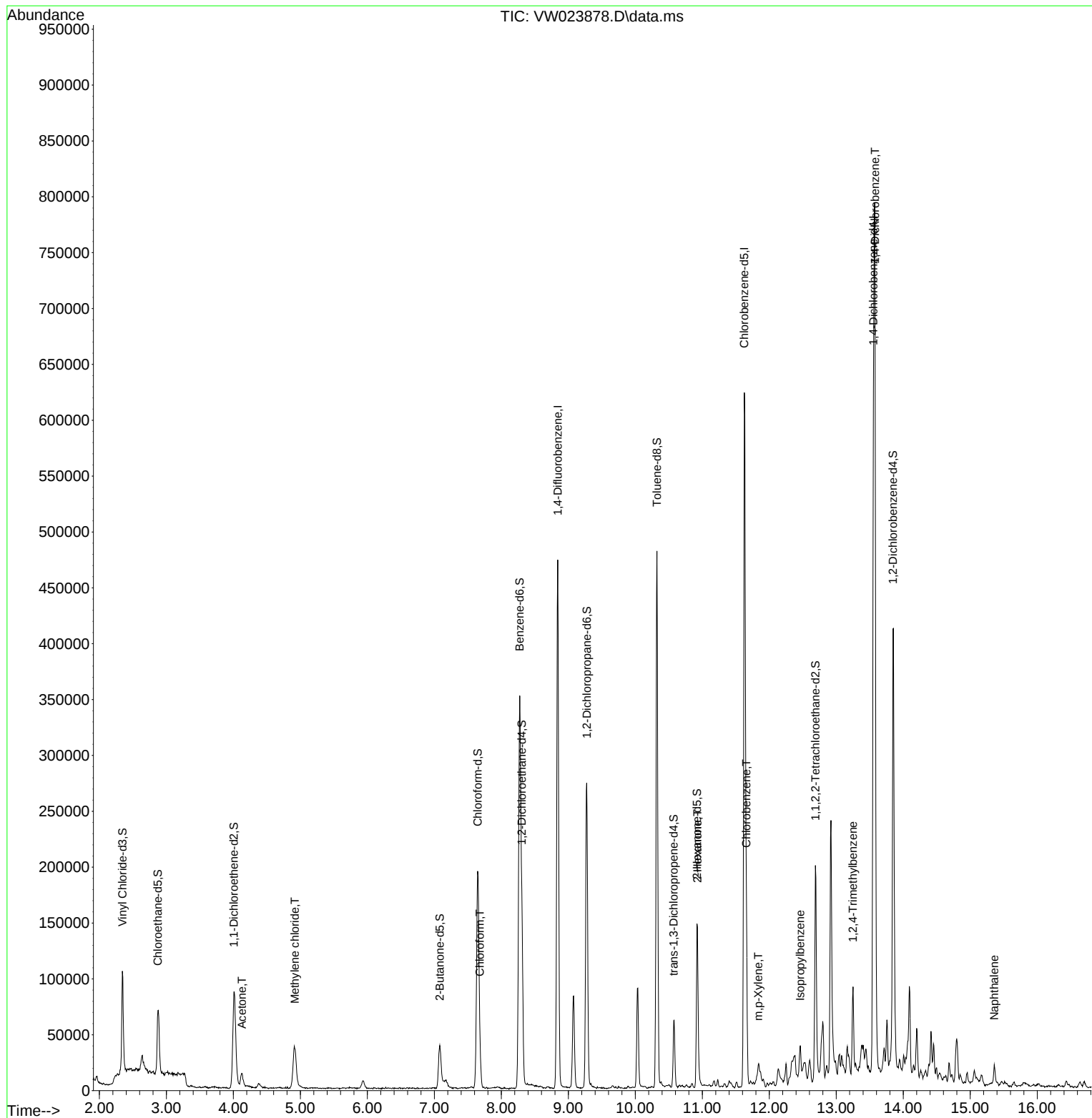
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	384914	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	336072	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	128375	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	90674	9.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	36.880%
7) Chloroethane-d5	2.873	69	69749	10.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.520%
11) 1,1-Dichloroethene-d2	4.007	63	84004	10.493	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.960%#
21) 2-Butanone-d5	7.080	46	60788	39.864	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.720%
24) Chloroform-d	7.647	84	191982	17.131	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.520%
26) 1,2-Dichloroethane-d4	8.305	65	115704	16.881	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.520%#
32) Benzene-d6	8.275	84	360967	20.662	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.640%
36) 1,2-Dichloropropane-d6	9.275	67	123966	23.557	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.240%
41) Toluene-d8	10.323	98	314111	17.726	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.920%
43) trans-1,3-Dichloroprop...	10.573	79	33142	13.436	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	53.760%
47) 2-Hexanone-d5	10.921	63	44912	40.587	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.180%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	84982	14.613	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	58.440%
66) 1,2-Dichlorobenzene-d4	13.847	152	100105	21.844	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.360%
Target Compounds					Qvalue	
13) Acetone	4.129	43	22729	21.082	ug/L	96
16) Methylene chloride	4.916	84	31518	5.236	ug/L	90
25) Chloroform	7.677	83	27440	2.608	ug/L	90
48) 2-Hexanone	10.927	43	9604	3.959	ug/L #	62
51) Chlorobenzene	11.658	112	83638	5.694	ug/L	92
53) m,p-Xylene	11.835	106	5954	0.617	ug/L	77
60) Isopropylbenzene	12.463	105	17561	1.018	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	40757	2.887	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	256158	30.752	ug/L	97
71) Naphthalene	15.359	128	14660	1.708	ug/L	96

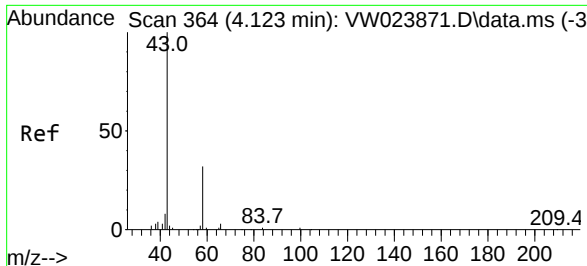
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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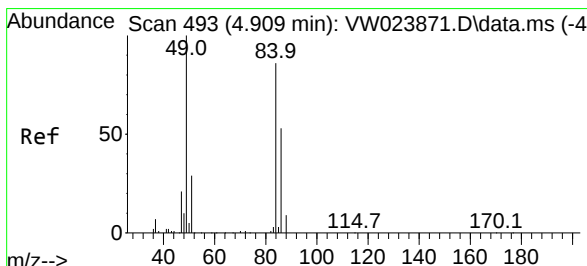
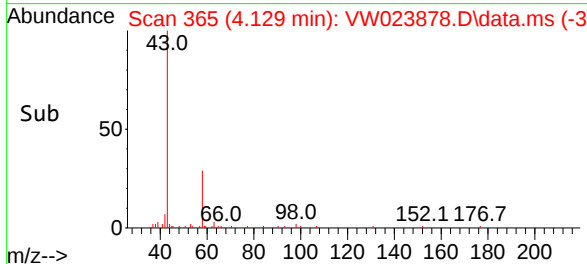
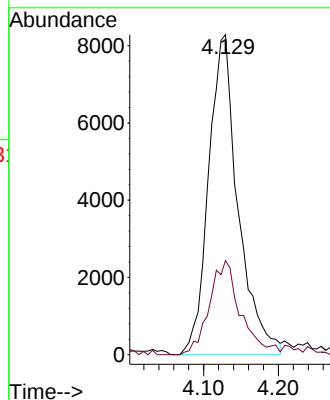
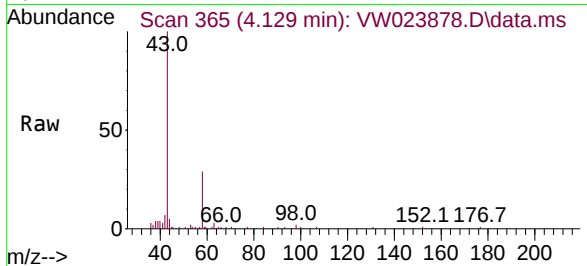




#13
Acetone
Concen: 21.082 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023878.D
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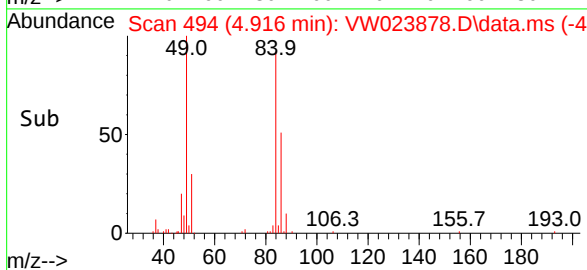
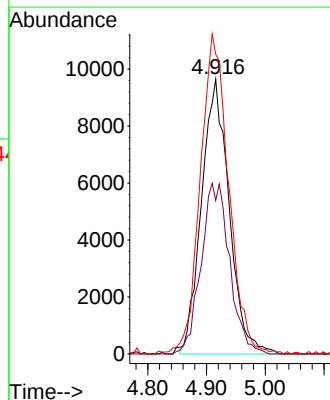
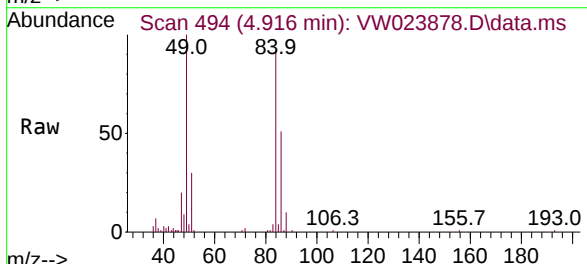
Instrument :
MSVOA_W
ClientSampleId :
H0B24

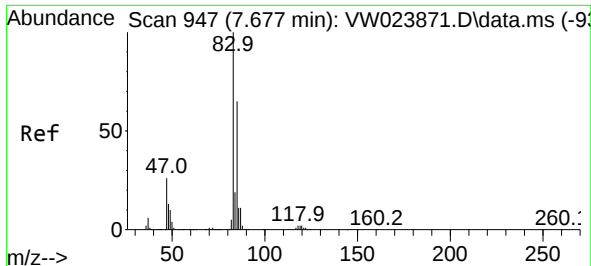
Tgt Ion: 43 Resp: 22729
Ion Ratio Lower Upper
43 100
58 30.1 0.0 64.2



#16
Methylene chloride
Concen: 5.236 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW023878.D
Acq: 19 Jul 2022 12:39

Tgt Ion: 84 Resp: 31518
Ion Ratio Lower Upper
84 100
86 55.9 42.8 79.6
49 109.0 85.4 158.6

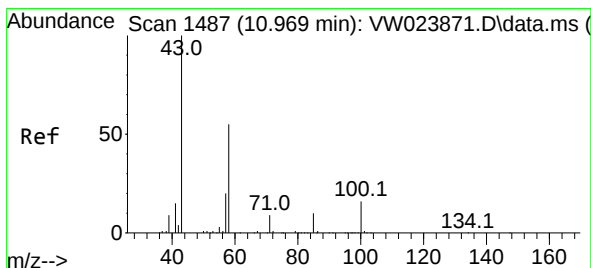
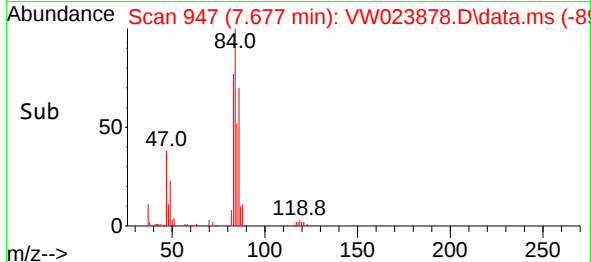
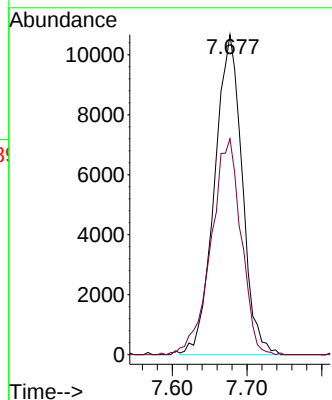
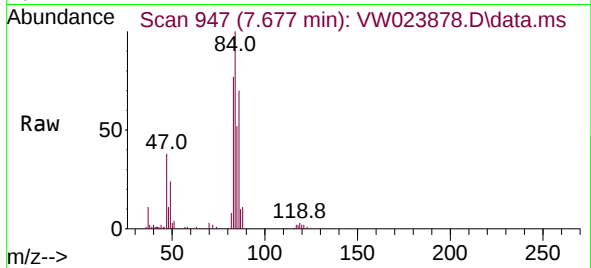




#25
Chloroform
Concen: 2.608 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023878.D
Acq: 19 Jul 2022 12:39

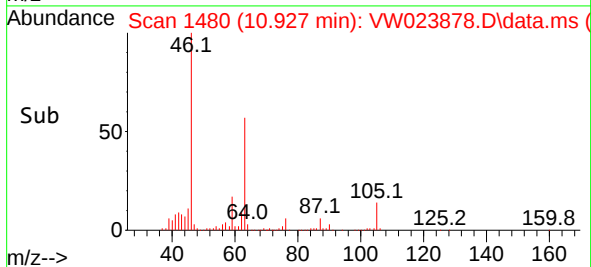
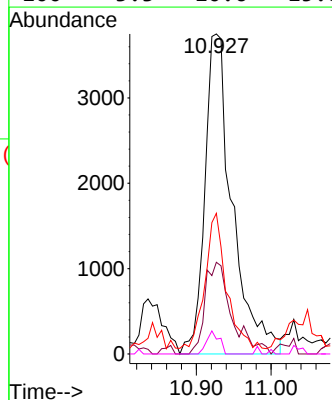
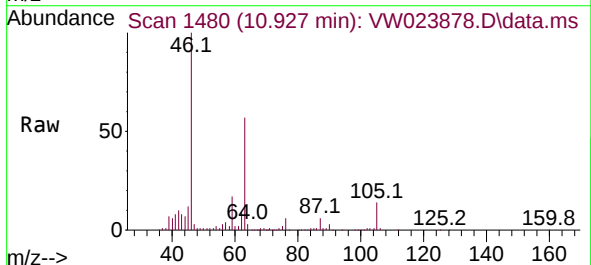
Instrument :
MSVOA_W
ClientSampleId :
H0B24

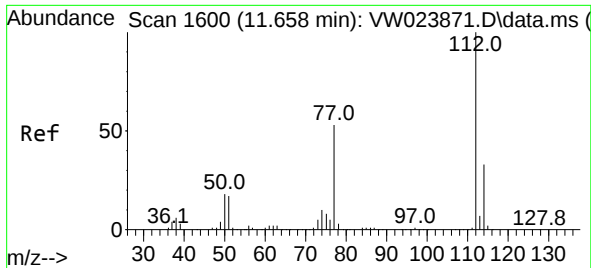
Tgt Ion: 83 Resp: 27440
Ion Ratio Lower Upper
83 100
85 67.5 41.9 77.9



#48
2-Hexanone
Concen: 3.959 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.042 min
Lab File: VW023878.D
Acq: 19 Jul 2022 12:39

Tgt Ion: 43 Resp: 9604
Ion Ratio Lower Upper
43 100
58 24.0 41.6 62.4#
57 36.0 14.6 21.8#
100 3.3 10.6 15.8#

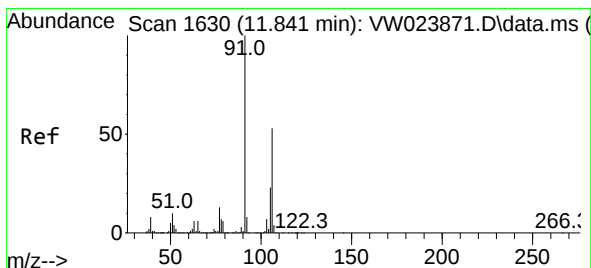
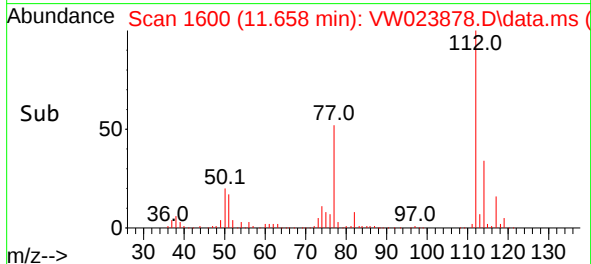
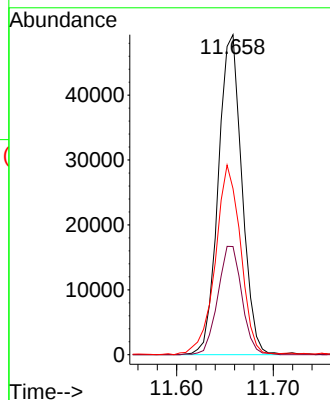
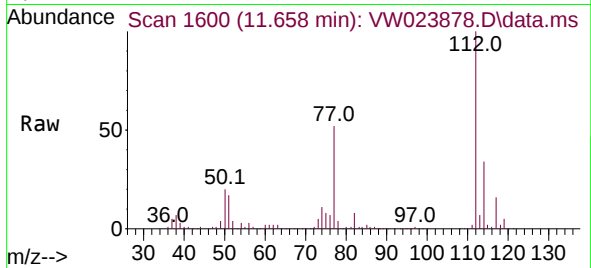




#51
Chlorobenzene
Concen: 5.694 ug/L
RT: 11.658 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VW023878.D
Acq: 19 Jul 2022 12:39

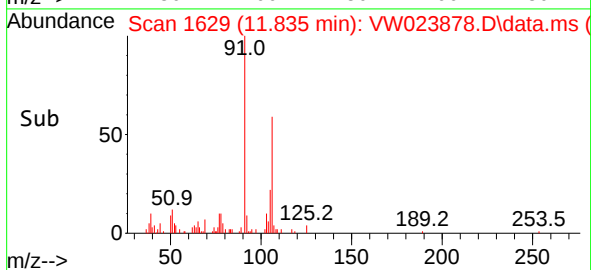
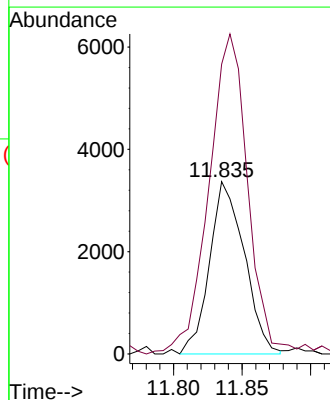
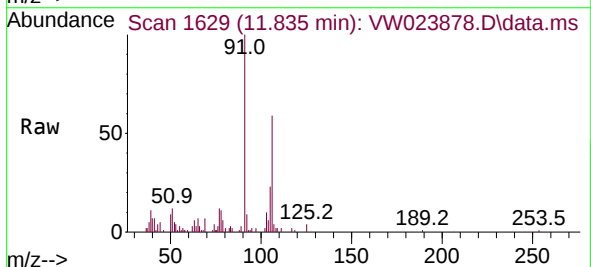
Instrument :
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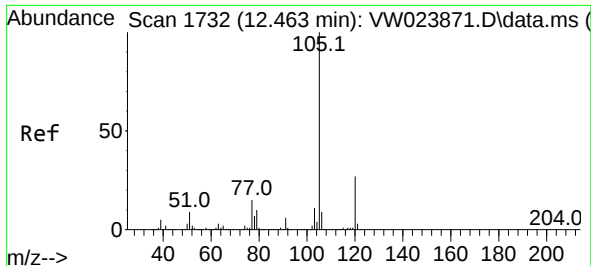
Tgt Ion:112 Resp: 83638
Ion Ratio Lower Upper
112 100
114 33.8 21.1 39.3
77 51.9 46.6 69.8



#53
m,p-Xylene
Concen: 0.617 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023878.D
Acq: 19 Jul 2022 12:39

Tgt Ion:106 Resp: 5954
Ion Ratio Lower Upper
106 100
91 168.1 142.8 265.2

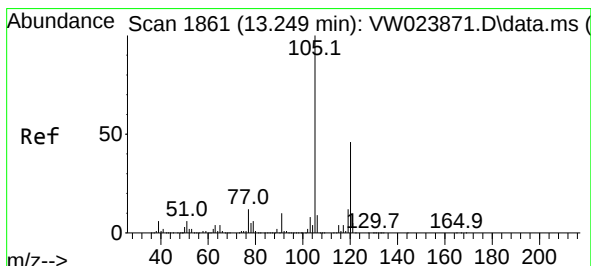
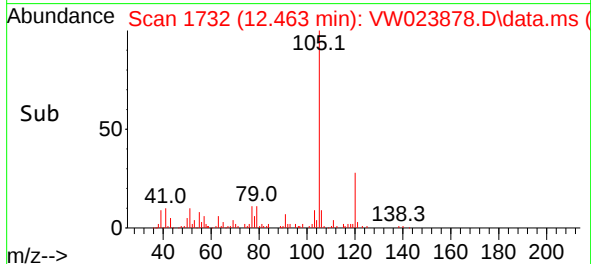
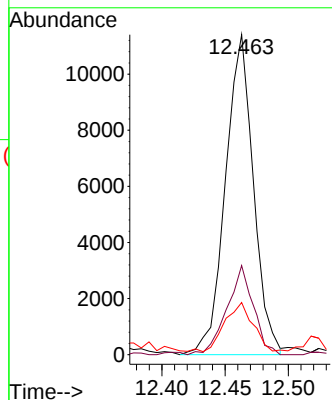
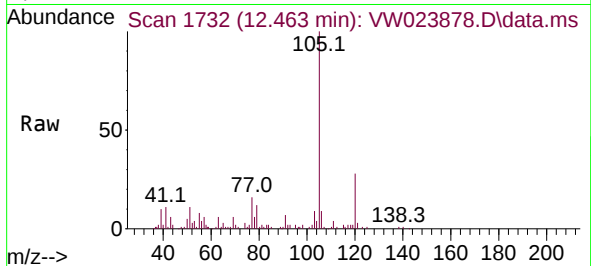




#60
Isopropylbenzene
Concen: 1.018 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023878.D
Acq: 19 Jul 2022 12:39

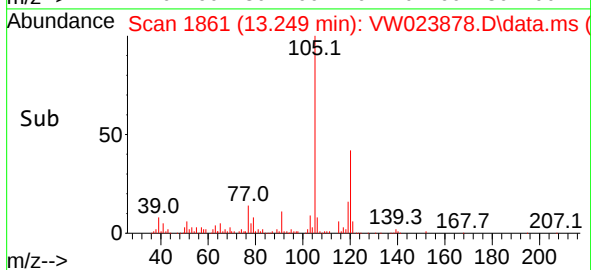
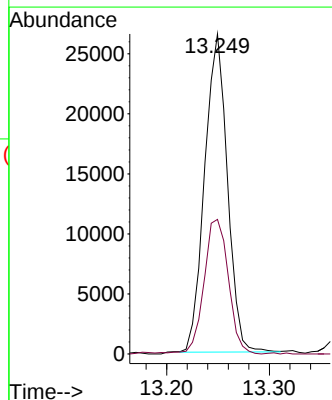
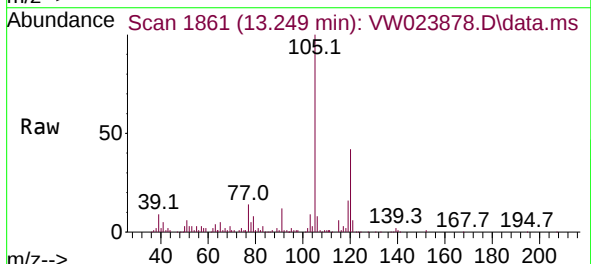
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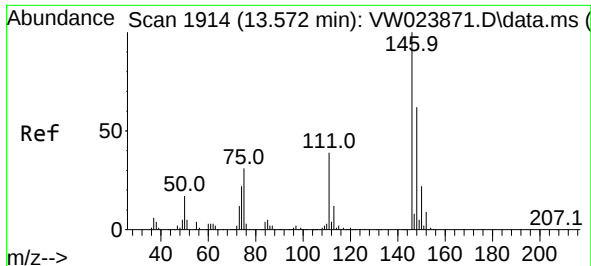
Tgt Ion:105 Resp: 17561
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1
77 15.3 13.2 19.8



#63
1,2,4-Trimethylbenzene
Concen: 2.887 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023878.D
Acq: 19 Jul 2022 12:39

Tgt Ion:105 Resp: 40757
Ion Ratio Lower Upper
105 100
120 45.0 35.5 53.3

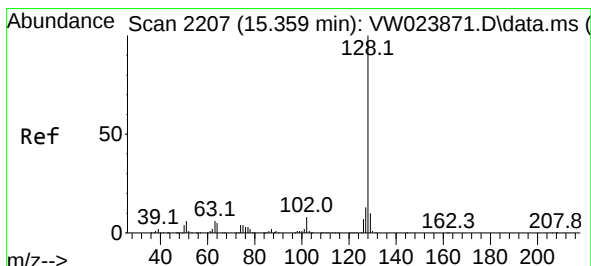
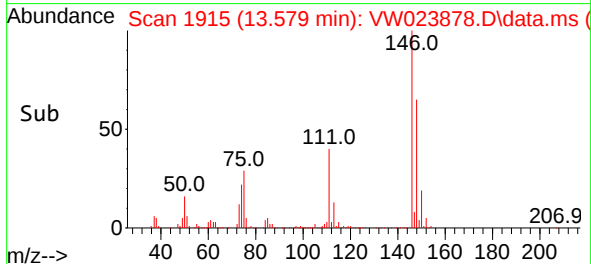
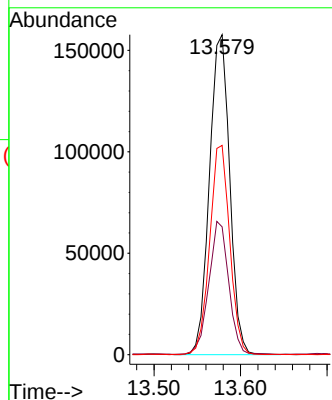
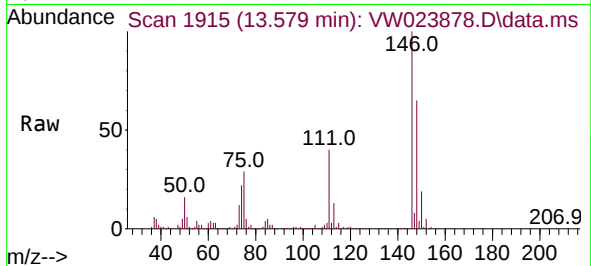




#65
1,4-Dichlorobenzene
Concen: 30.752 ug/L
RT: 13.579 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VW023878.D
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Tgt Ion:146 Resp: 256158
Ion Ratio Lower Upper
146 100
111 40.0 29.4 54.6
148 65.4 44.4 82.5



#71
Naphthalene
Concen: 1.708 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW023878.D
Acq: 19 Jul 2022 12:39

Tgt Ion:128 Resp: 14660
Ion Ratio Lower Upper
128 100
127 15.1 11.0 16.4
129 12.9 9.0 13.4

