

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023876.D
 Acq On : 19 Jul 2022 11:51
 Operator : SY/VA
 Sample : N3709-06
 Misc : 6.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0B22

Quant Time: Jul 20 01:18:51 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)

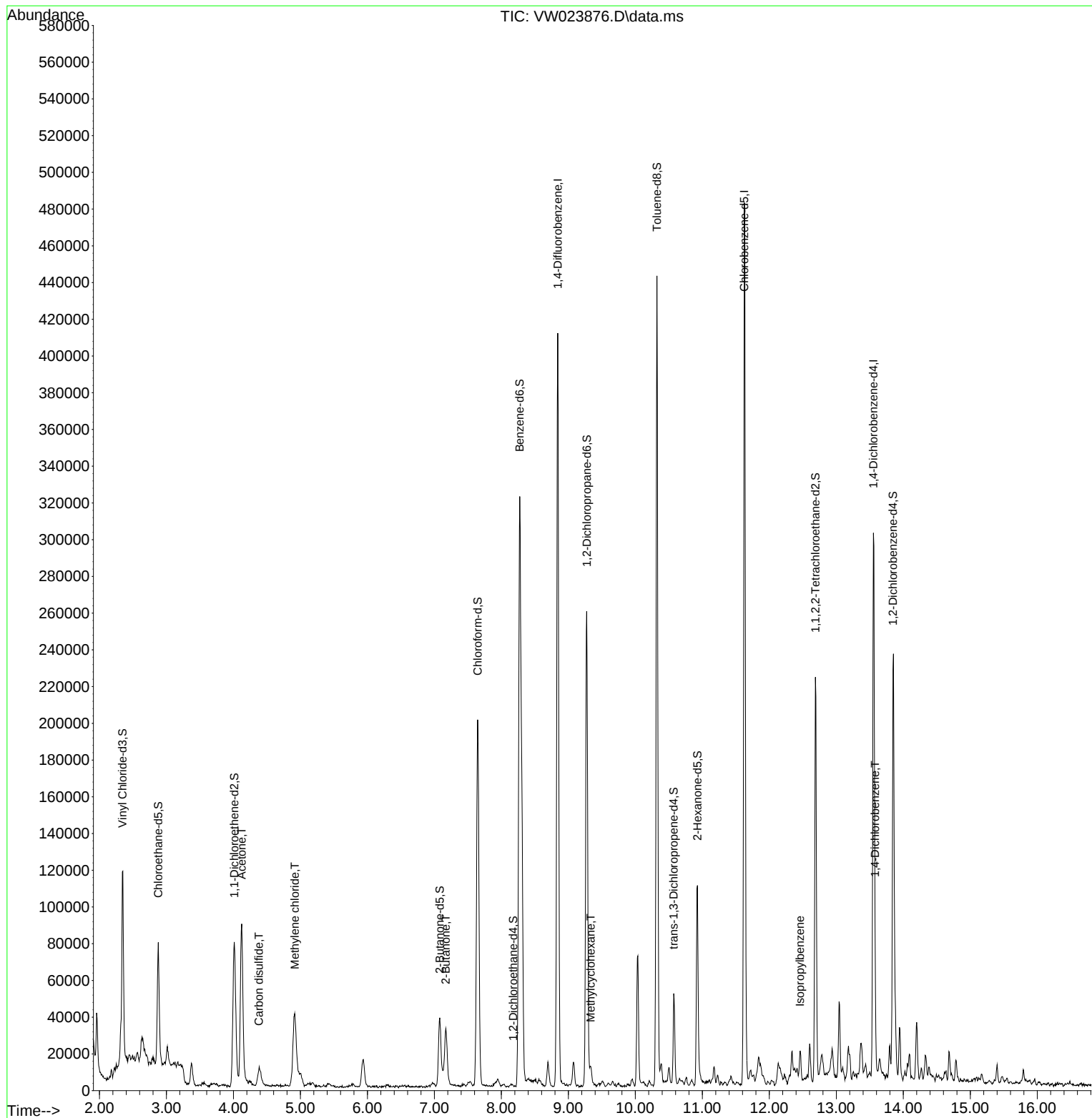
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	334558	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	261895	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	73887	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	84319	9.868	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	39.480%
7) Chloroethane-d5	2.879	69	73218	12.844	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.360%
11) 1,1-Dichloroethene-d2	4.013	63	77770	11.177	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.720%#
21) 2-Butanone-d5	7.080	46	59969	45.246	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.500%
24) Chloroform-d	7.647	84	199925	20.525	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.120%
26) 1,2-Dichloroethane-d4	8.177	65	93	0.016	ug/L	-0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.275	84	327118	24.028	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.120%
36) 1,2-Dichloropropane-d6	9.274	67	115588	28.186	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.760%
41) Toluene-d8	10.323	98	281762	20.404	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	10.573	79	26951	14.021	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	56.080%
47) 2-Hexanone-d5	10.926	63	35366	41.013	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.020%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	102093	22.528	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.120%
66) 1,2-Dichlorobenzene-d4	13.847	152	58214	22.071	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.280%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	151322	161.483	ug/L	99
14) Carbon disulfide	4.379	76	15089	1.446	ug/L	96
16) Methylene chloride	4.915	84	29867	5.709	ug/L	95
22) 2-Butanone	7.171	43	45499	29.545	ug/L	96
35) Methylcyclohexane	9.335	83	3263	0.545	ug/L	93
60) Isopropylbenzene	12.457	105	9925	1.000	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	23199	4.839	ug/L	93

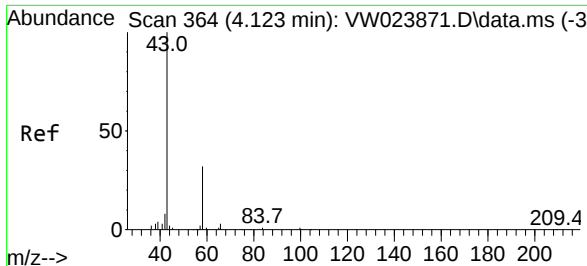
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Jul 20 01:17:09 2022
Response via : Initial Calibration

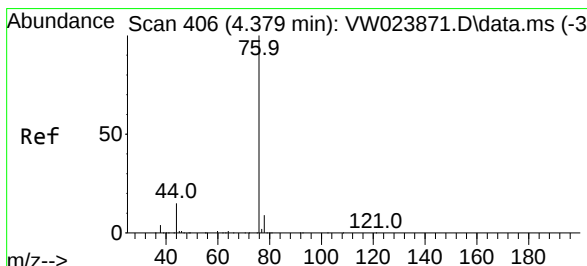
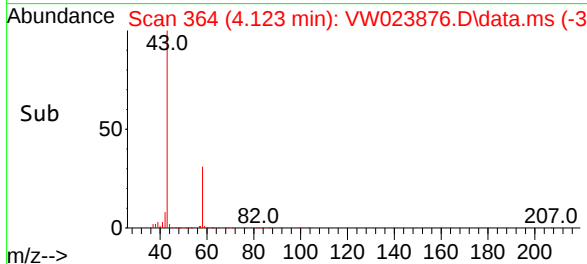
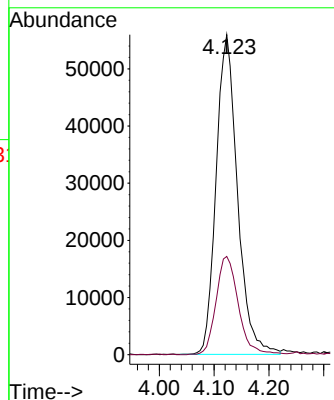
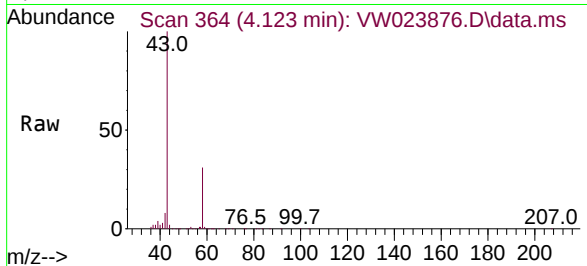




#13
Acetone
Concen: 161.483 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW023876.D
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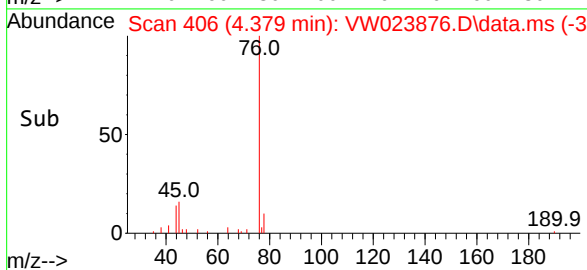
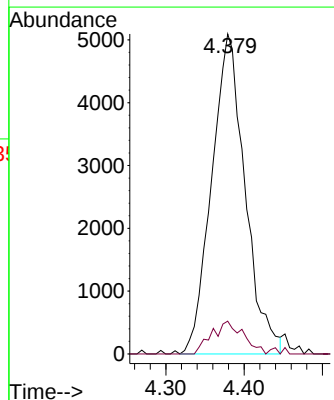
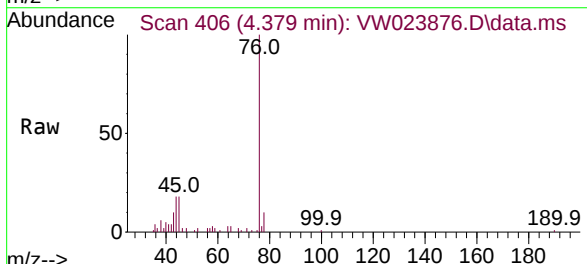
Instrument :
MSVOA_W
ClientSampleId :
H0B22

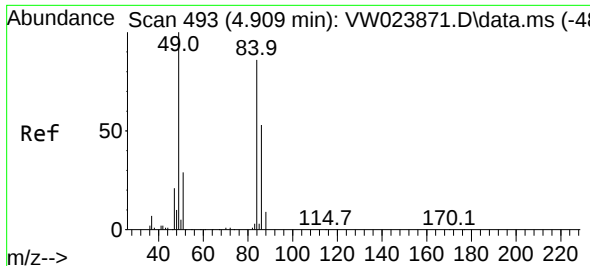
Tgt Ion: 43 Resp: 151322
Ion Ratio Lower Upper
43 100
58 31.7 0.0 64.2



#14
Carbon disulfide
Concen: 1.446 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW023876.D
Acq: 19 Jul 2022 11:51

Tgt Ion: 76 Resp: 15089
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8

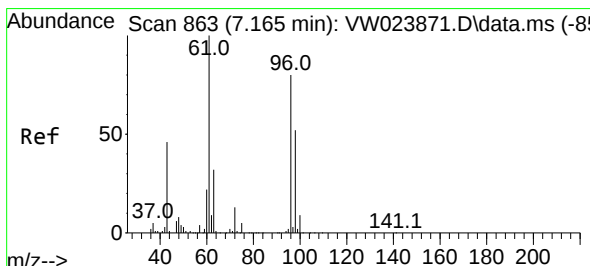
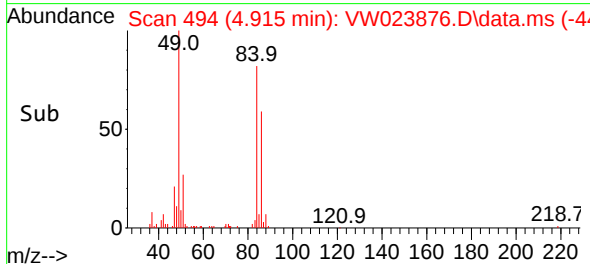
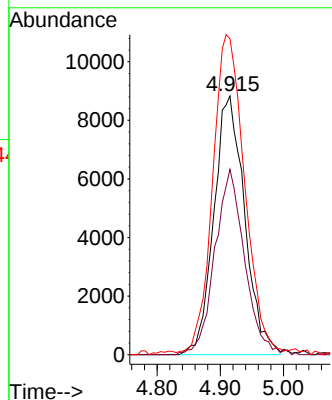
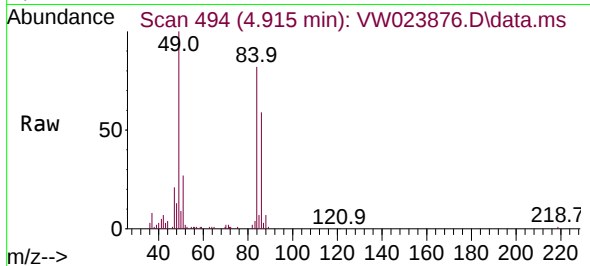




#16
Methylene chloride
Concen: 5.709 ug/L
RT: 4.915 min Scan# 493
Delta R.T. 0.006 min
Lab File: VW023876.D
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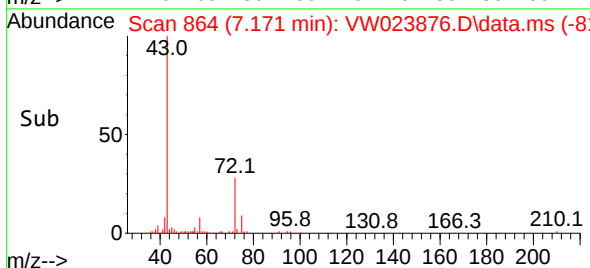
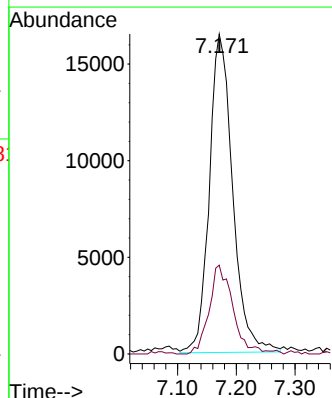
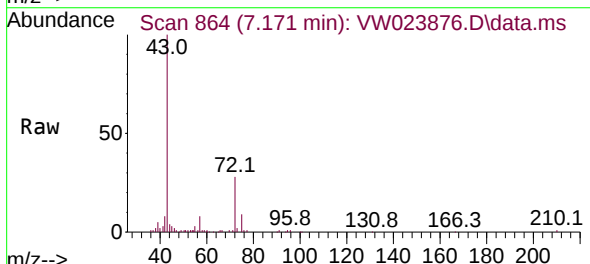
Instrument :
MSVOA_W
ClientSampleId :
H0B22

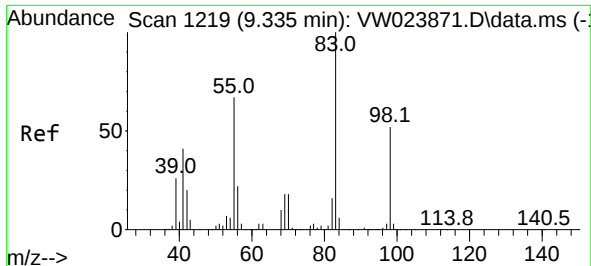
Tgt Ion: 84 Resp: 29867
Ion Ratio Lower Upper
84 100
86 71.6 42.8 79.6
49 122.1 85.4 158.6



#22
2-Butanone
Concen: 29.545 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023876.D
Acq: 19 Jul 2022 11:51

Tgt Ion: 43 Resp: 45499
Ion Ratio Lower Upper
43 100
72 27.4 14.7 44.1

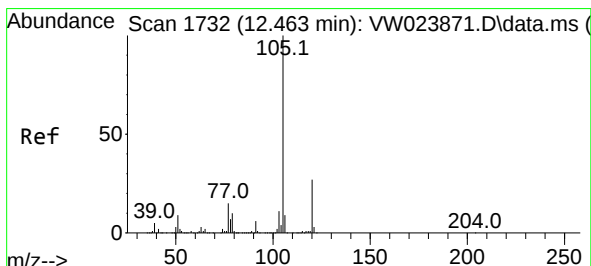
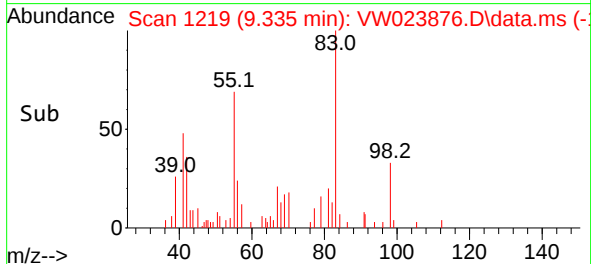
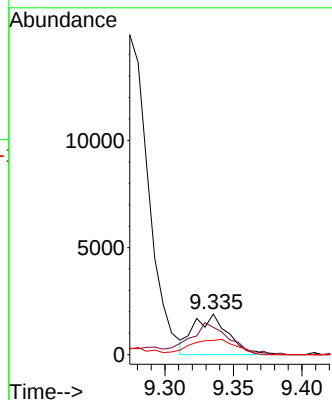
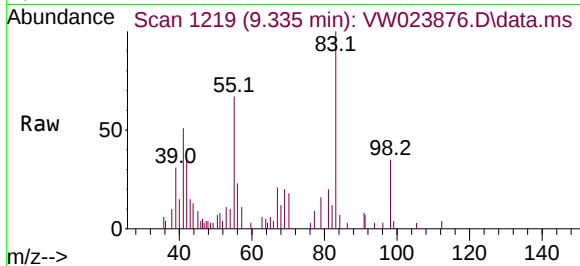




#35
Methylcyclohexane
Concen: 0.545 ug/L
RT: 9.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023876.D
Acq: 19 Jul 2022 11:51

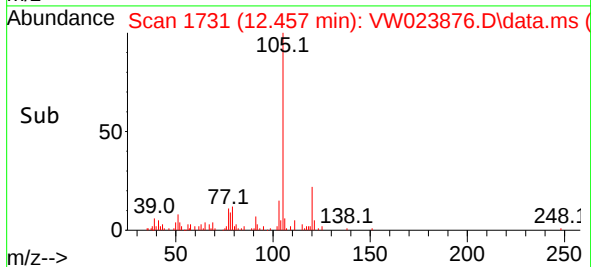
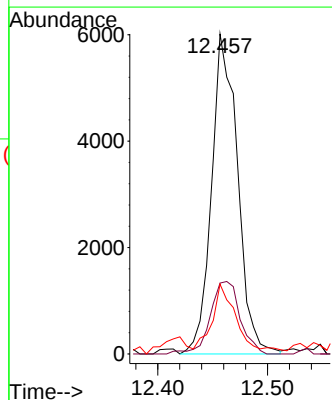
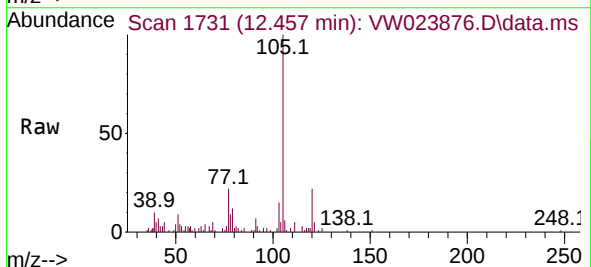
Instrument :
MSVOA_W
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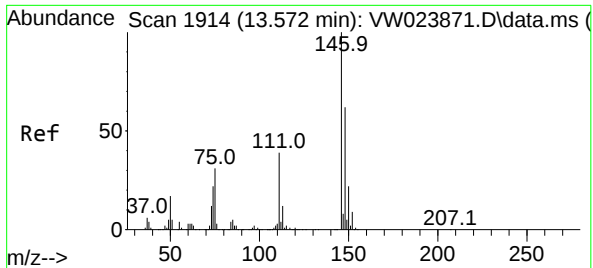
Tgt Ion:	83	Resp:	3263
Ion	Ratio	Lower	Upper
83	100		
55	84.2	60.8	91.2
98	51.3	39.5	59.3



#60
Isopropylbenzene
Concen: 1.000 ug/L
RT: 12.457 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VW023876.D
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Tgt Ion:	105	Resp:	9925
Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.7	31.1
77	18.5	13.2	19.8





#65
 1,4-Dichlorobenzene
 Concen: 4.839 ug/L
 RT: 13.578 min Scan# 1915
 Delta R.T. 0.006 min
 Lab File: VW023876.D
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Tgt Ion:	146	Resp:	23199
Ion	Ratio	Lower	Upper
146	100		
111	38.9	29.4	54.6
148	56.4	44.4	82.5

