

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
 Data File : VW027315.D
 Acq On : 17 Oct 2023 17:49
 Operator : SY/MD
 Sample : 04922-01
 Misc : 5.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 18 05:27:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 16 01:55:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	511335	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	365001	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	108101	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	143918	18.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.760%
7) Chloroethane-d5	2.899	69	116277	20.751	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	4.021	65	70386	18.000	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.000%
21) 2-Butanone-d5	7.081	46	119456	46.055	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.100%
24) Chloroform-d	7.648	84	303318	19.902	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.600%
26) 1,2-Dichloroethane-d4	8.306	65	167968	20.517	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.080%
32) Benzene-d6	8.276	84	609762	24.692	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.760%
36) 1,2-Dichloropropane-d6	9.276	67	199480	26.446	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.800%
41) Toluene-d8	10.324	98	468794	20.934	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.720%
43) trans-1,3-Dichloroprop...	10.580	79	69757	20.284	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.120%
47) 2-Hexanone-d5	10.922	63	90808	58.189	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	133771	23.771	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	77804	19.861	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.440%
Target Compounds	Qvalue					
13) Acetone	4.136	43	27062	12.080	ug/L	96
16) Methylene chloride	4.929	84	21190	2.264	ug/L	91
29) Cyclohexane	7.959	56	87467	7.892	ug/L #	92
33) Benzene	8.325	78	499402	20.936	ug/L	100
34) Trichloroethene	9.123	95	4071	0.646	ug/L #	18
35) Methylcyclohexane	9.337	83	100727	8.939	ug/L #	75
38) Bromodichloromethane	9.617	83	7195	0.907	ug/L #	28
42) Toluene	10.385	91	54706	2.186	ug/L	94
51) Chlorobenzene	11.653	112	12343	0.788	ug/L	93
52) Ethylbenzene	11.727	91	18634	0.641	ug/L	92
53) m,p-Xylene	11.836	106	19329	1.753	ug/L	94
54) o-Xylene	12.165	106	37804	3.579	ug/L	95
60) Isopropylbenzene	13.098	105	49339	2.905	ug/L	93
62) 1,3,5-Trimethylbenzene	12.940	105	22654	1.599	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	79318	5.723	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.202	75	1245	2.110	ug/L #	12
71) Naphthalene	15.360	128	7816	0.999	ug/L #	94

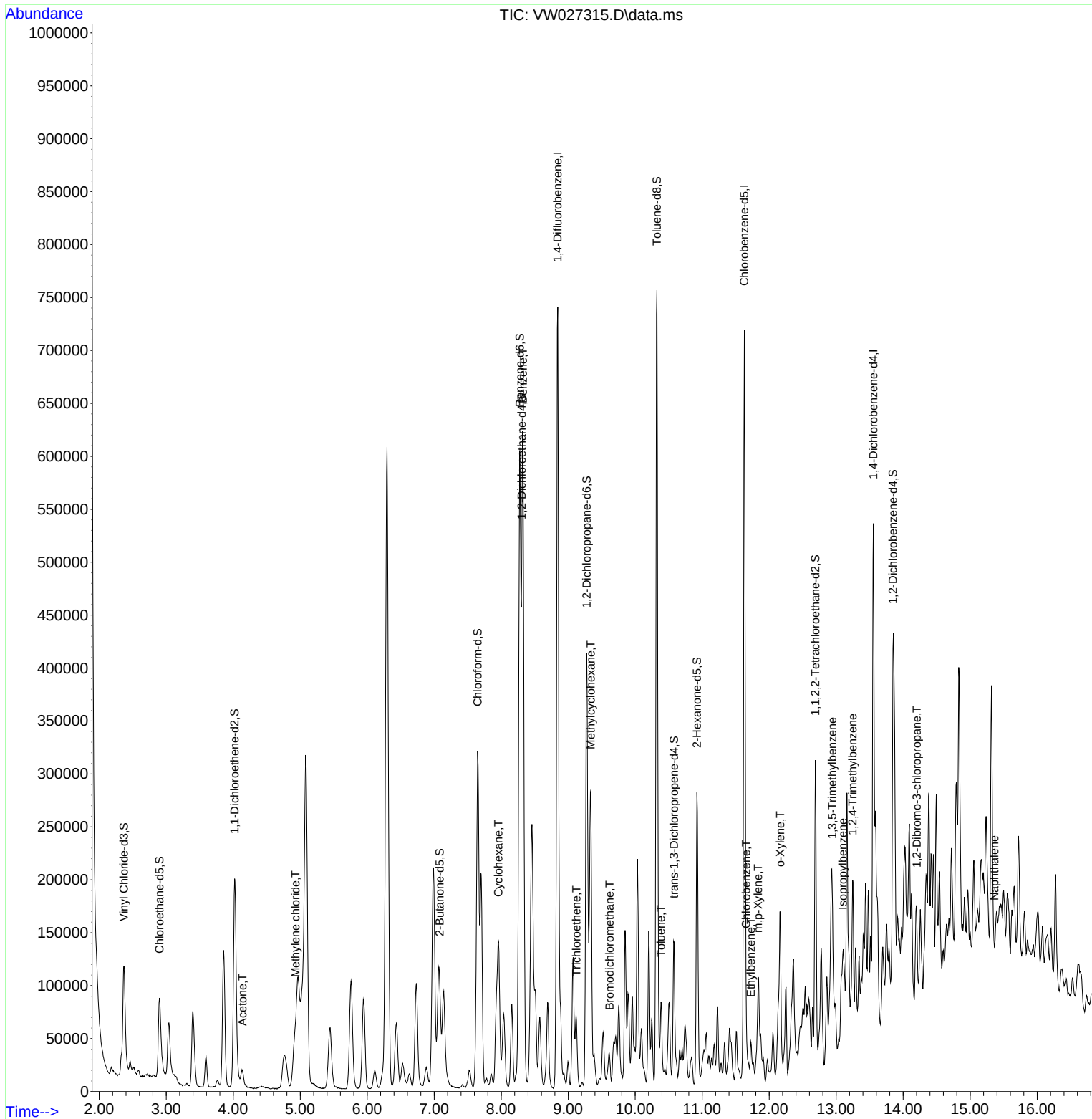
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
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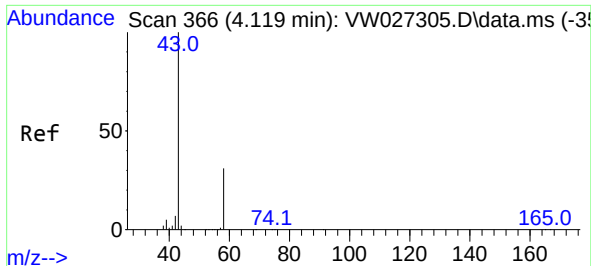
Quant Time: Oct 18 05:27:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Oct 16 01:55:11 2023
Response via : Initial Calibration

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

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

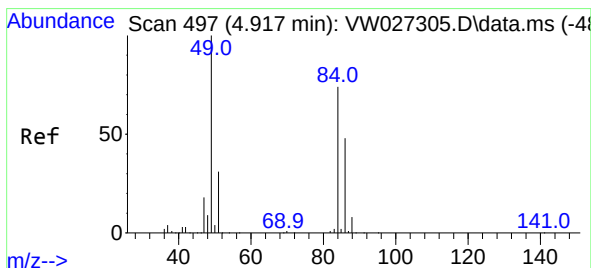
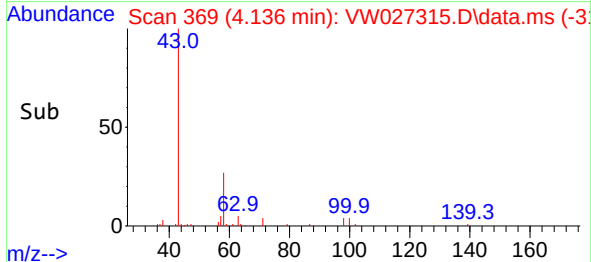
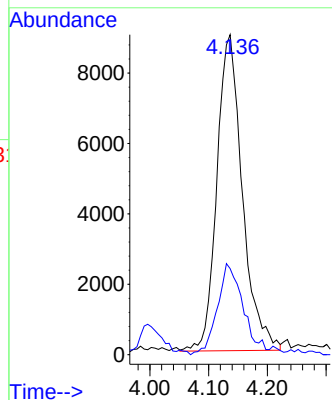
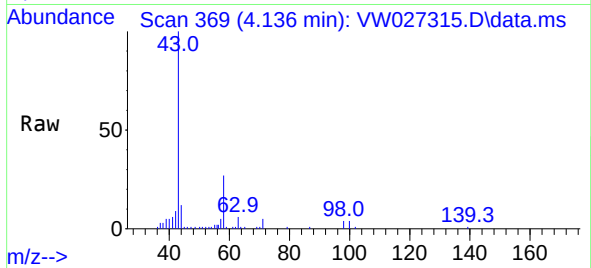
Quant Time: Oct 18 05:27:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
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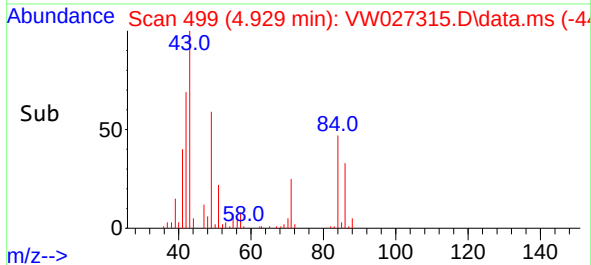
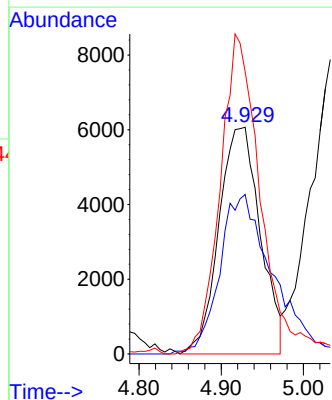
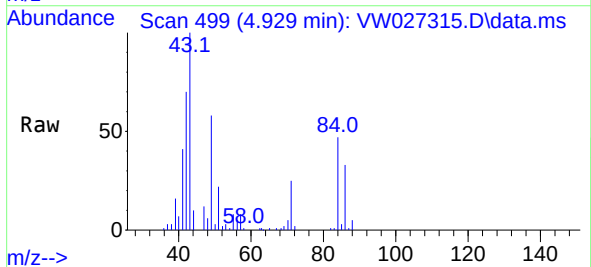
#13
Acetone
Concen: 12.080 ug/L
RT: 4.136 min Scan# 369
Delta R.T. 0.018 min
Lab File: VW027315.D
Acq: 17 Oct 2023 17:49

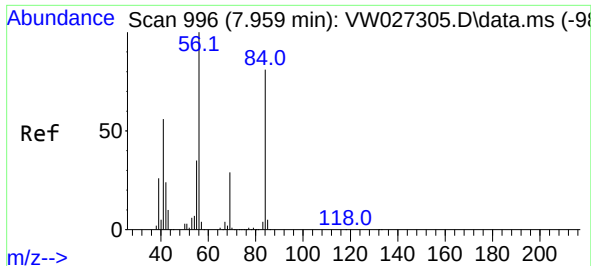
Tgt Ion: 43 Resp: 27062
Ion Ratio Lower Upper
43 100
58 28.2 0.0 60.8



#16
Methylene chloride
Concen: 2.264 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW027315.D
Acq: 17 Oct 2023 17:49

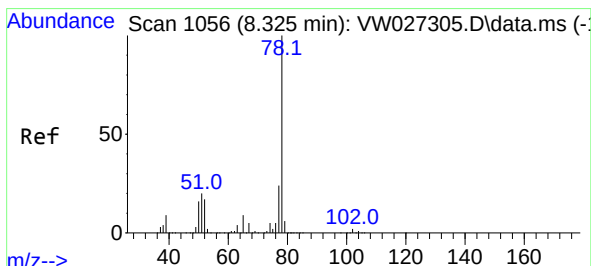
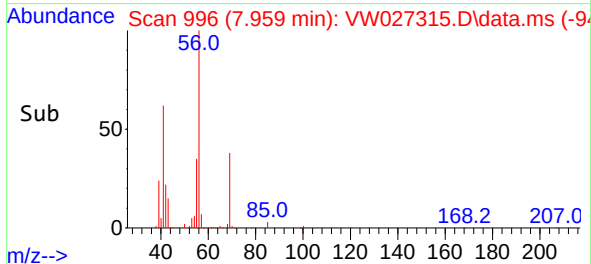
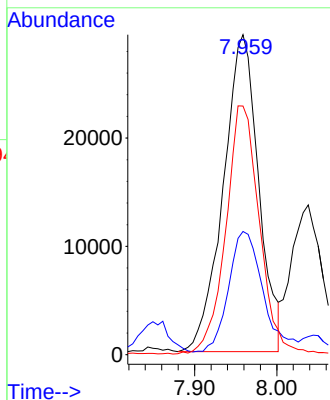
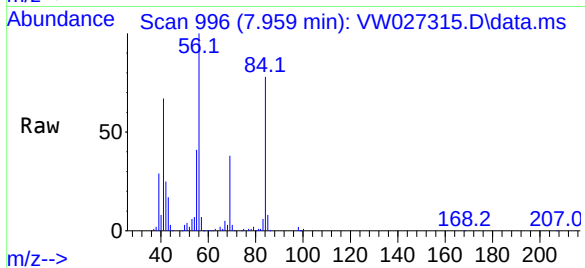
Tgt Ion: 84 Resp: 21190
Ion Ratio Lower Upper
84 100
86 70.4 41.3 76.7
49 124.5 92.8 172.4





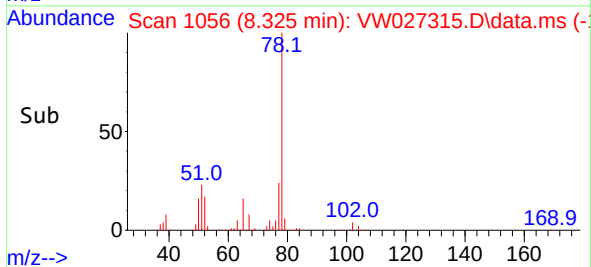
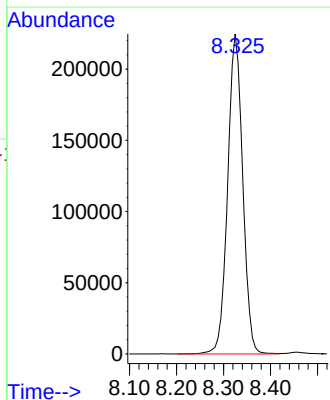
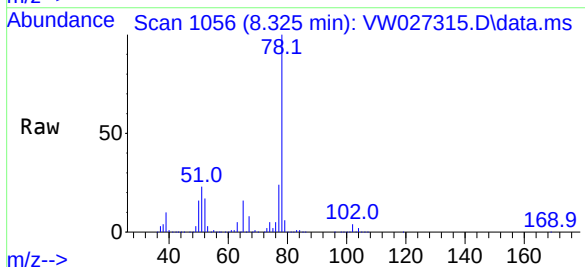
#29
Cyclohexane
Concen: 7.892 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027315.D
Acq: 17 Oct 2023 17:49

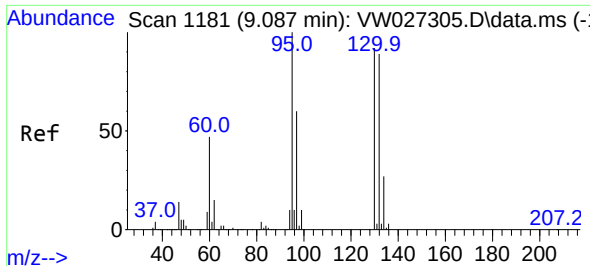
Tgt Ion: 56 Resp: 87467
Ion Ratio Lower Upper
56 100
69 36.5 24.2 36.4#
84 75.4 65.1 97.7



#33
Benzene
Concen: 20.936 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027315.D
Acq: 17 Oct 2023 17:49

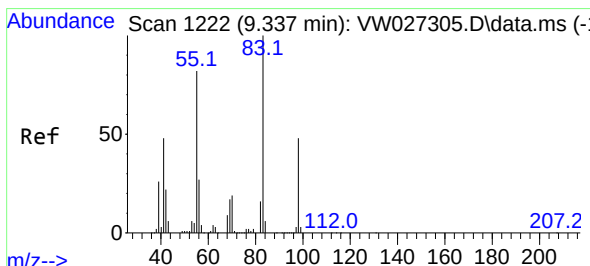
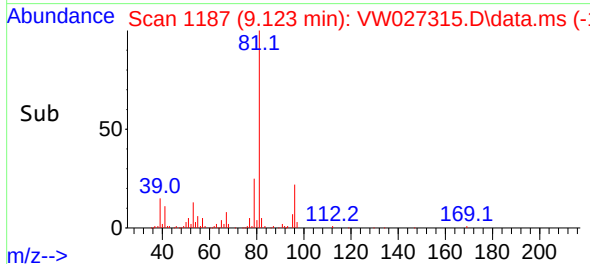
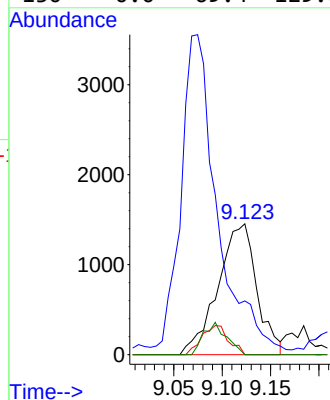
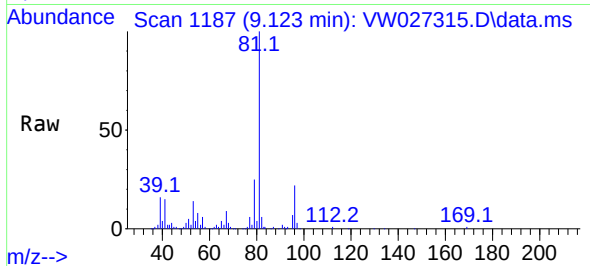
Tgt Ion: 78 Resp: 499402





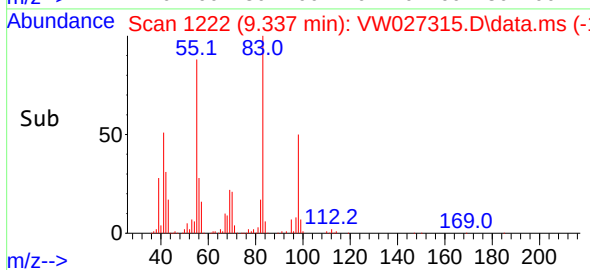
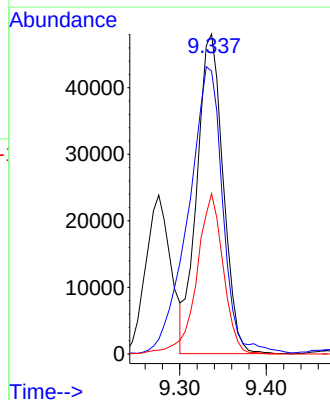
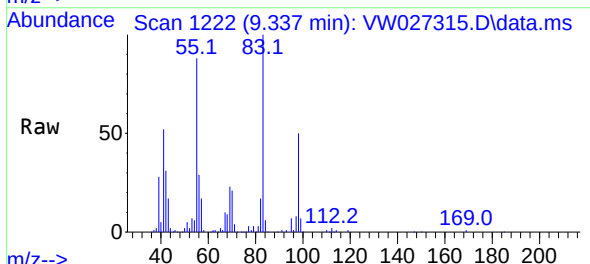
#34
Trichloroethene
Concen: 0.646 ug/L
RT: 9.123 min Scan# 1187
Delta R.T. 0.030 min
Lab File: VW027315.D
Acq: 17 Oct 2023 17:49

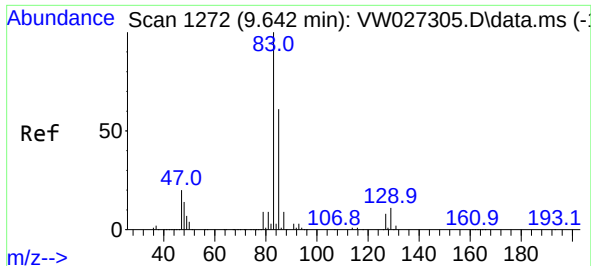
Tgt Ion:	95	Resp:	4071
Ion	Ratio	Lower	Upper
95	100		
97	41.1	43.4	80.6#
132	0.0	67.6	125.6#
130	0.0	69.4	129.0#



#35
Methylcyclohexane
Concen: 8.939 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW027315.D
Acq: 17 Oct 2023 17:49

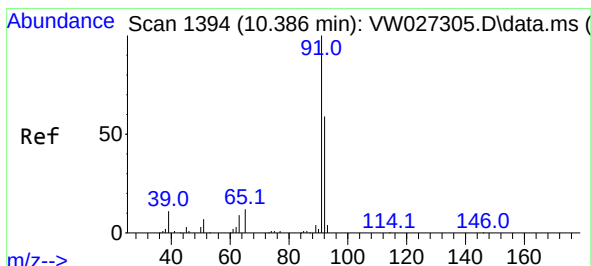
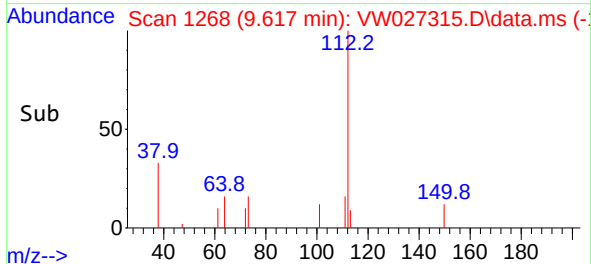
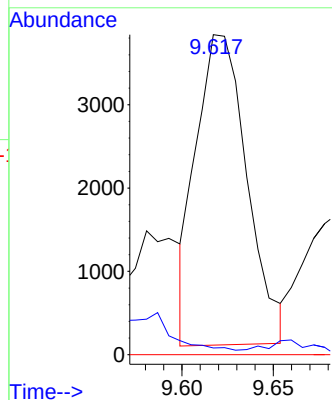
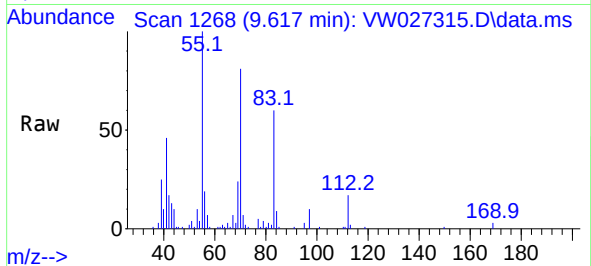
Tgt Ion:	83	Resp:	100727
Ion	Ratio	Lower	Upper
83	100		
55	115.5	65.8	98.8#
98	50.8	38.1	57.1





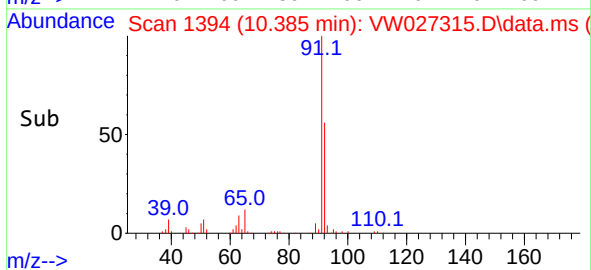
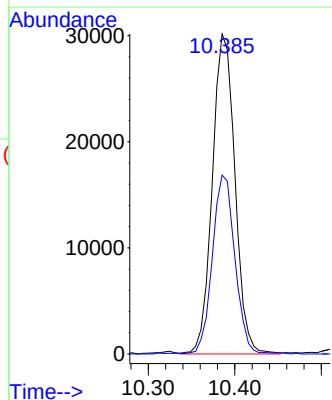
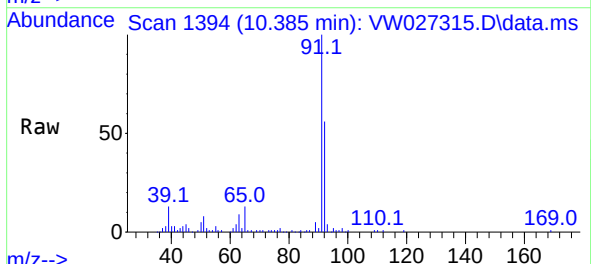
#38
Bromodichloromethane
Concen: 0.907 ug/L
RT: 9.617 min Scan# 1268
Delta R.T. -0.025 min
Lab File: VW027315.D
Acq: 17 Oct 2023 17:49

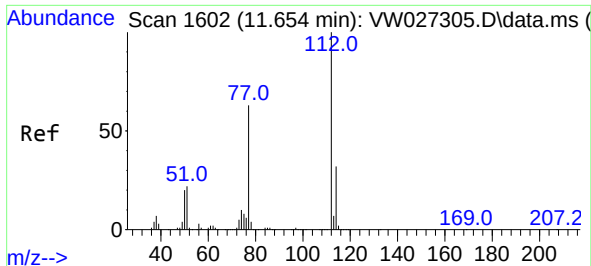
Tgt Ion: 83 Resp: 7195
Ion Ratio Lower Upper
83 100
85 2.1 43.9 81.5#
127 0.0 6.2 9.2#



#42
Toluene
Concen: 2.186 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027315.D
Acq: 17 Oct 2023 17:49

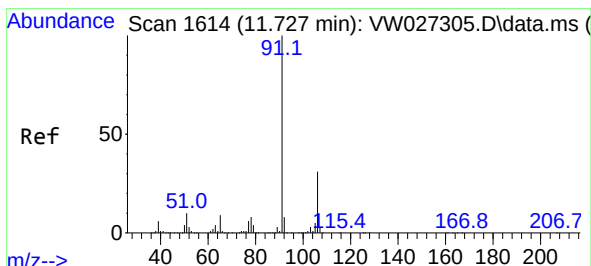
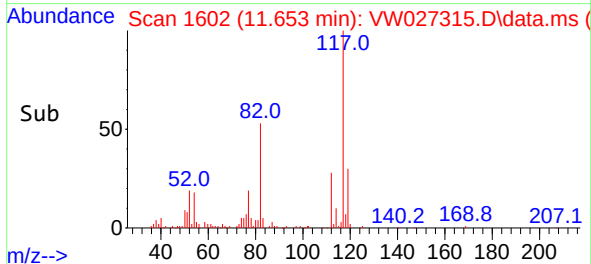
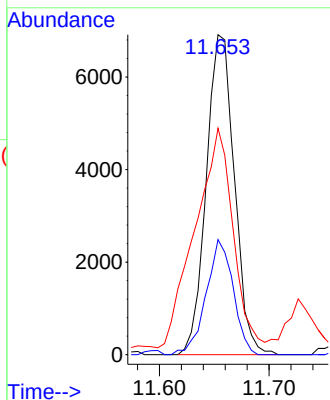
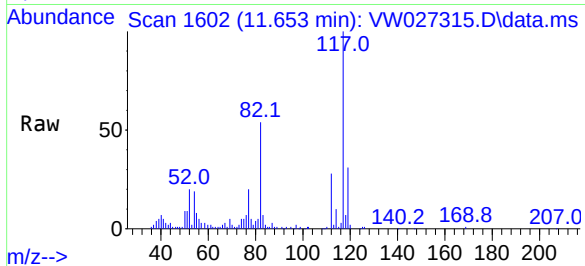
Tgt Ion: 91 Resp: 54706
Ion Ratio Lower Upper
91 100
92 55.9 42.1 78.1





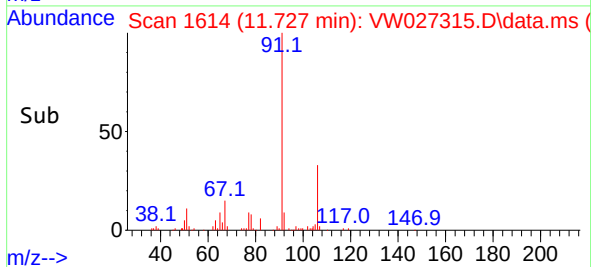
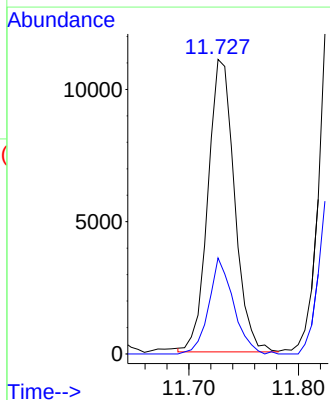
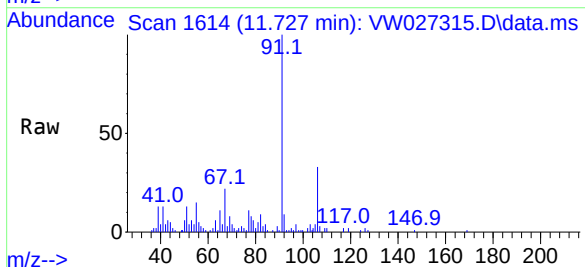
#51
Chlorobenzene
Concen: 0.788 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027315.D
Acq: 17 Oct 2023 17:49

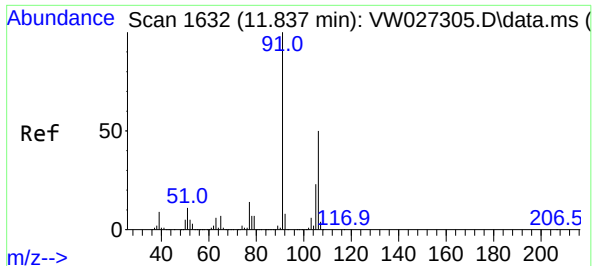
Tgt Ion:	112	Resp:	12343
Ion	Ratio	Lower	Upper
112	100		
114	36.0	21.8	40.6
77	70.8	52.2	78.4



#52
Ethylbenzene
Concen: 0.641 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027315.D
Acq: 17 Oct 2023 17:49

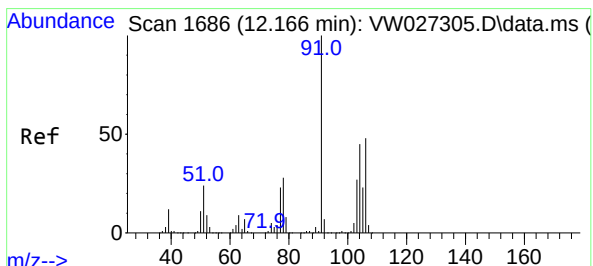
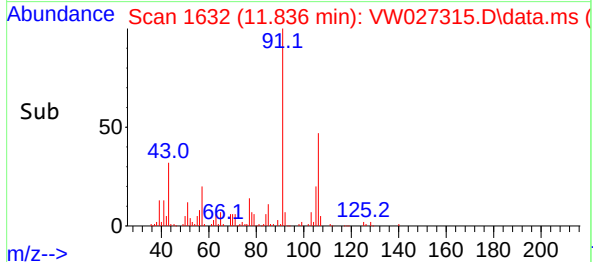
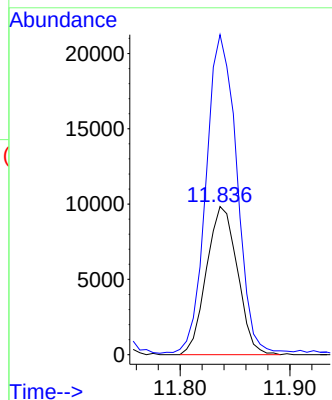
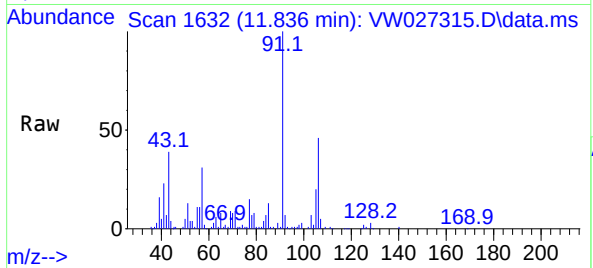
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Ion	Ratio	Lower	Upper
91	100		
106	32.6	19.8	36.8





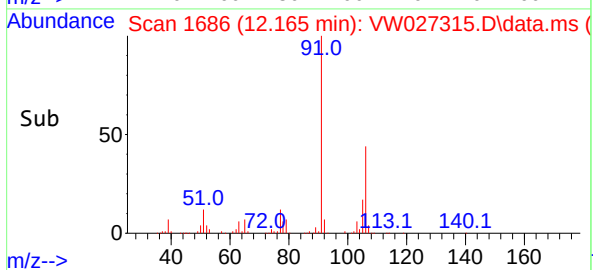
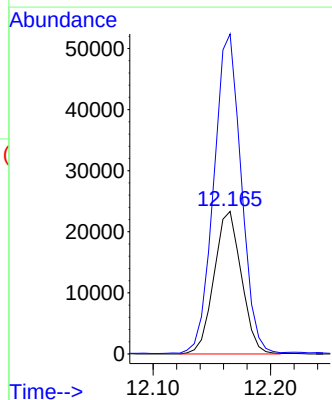
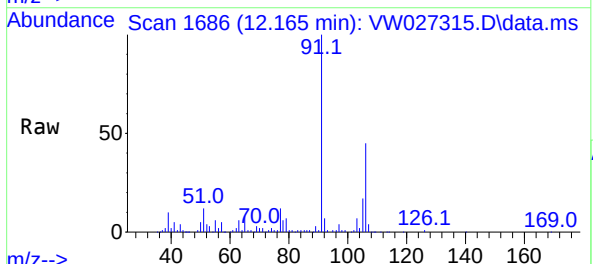
#53
m,p-Xylene
Concen: 1.753 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027315.D
Acq: 17 Oct 2023 17:49

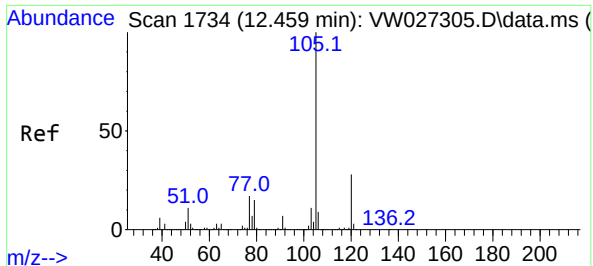
Tgt Ion:106 Resp: 19329
Ion Ratio Lower Upper
106 100
91 215.9 144.5 268.4



#54
o-Xylene
Concen: 3.579 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW027315.D
Acq: 17 Oct 2023 17:49

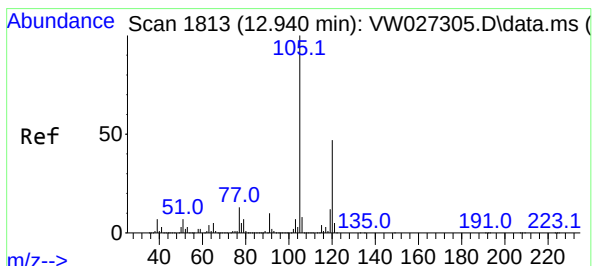
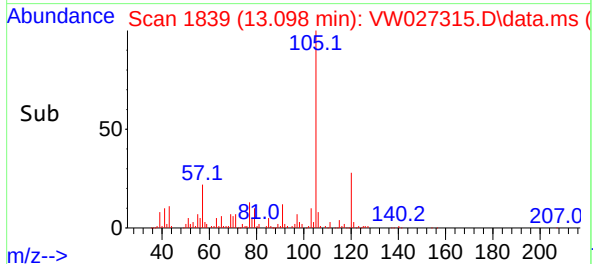
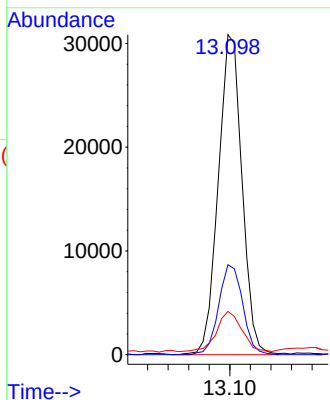
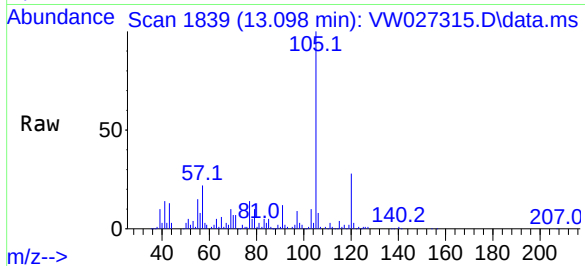
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Ion Ratio Lower Upper
106 100
91 224.4 152.0 282.2





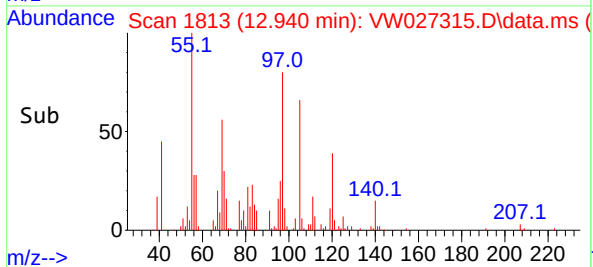
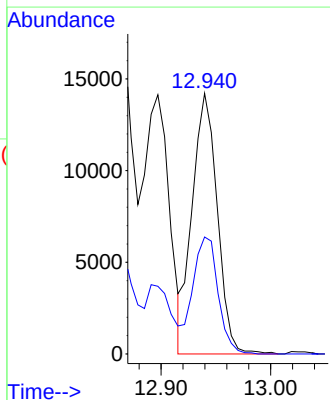
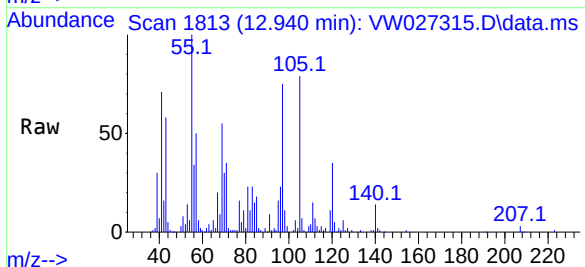
#60
Isopropylbenzene
Concen: 2.905 ug/L
RT: 13.098 min Scan# 1839
Delta R.T. 0.640 min
Lab File: VW027315.D
Acq: 17 Oct 2023 17:49

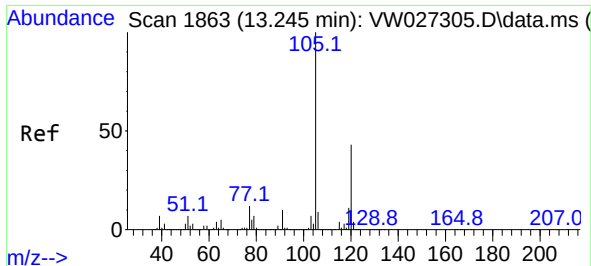
Tgt Ion:	105	Resp:	49339
Ion Ratio	Lower	Upper	
105	100		
120	28.4	20.1	30.1
77	13.3	12.9	19.3



#62
1,3,5-Trimethylbenzene
Concen: 1.599 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027315.D
Acq: 17 Oct 2023 17:49

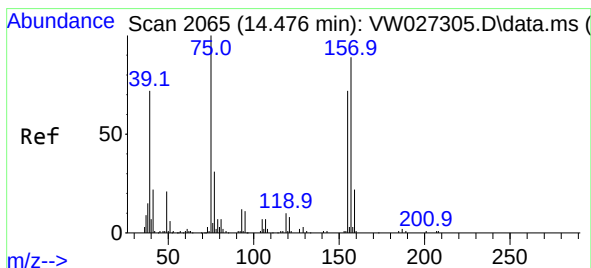
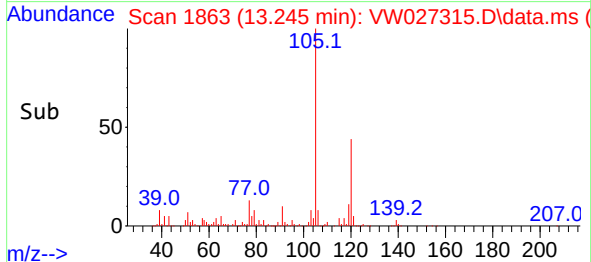
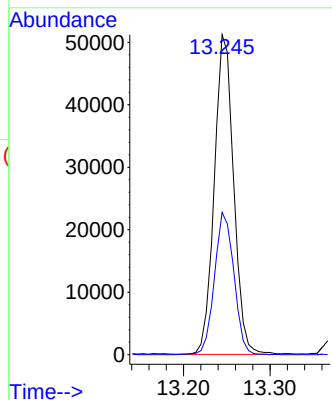
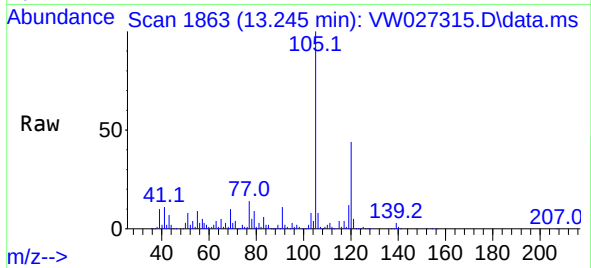
Tgt Ion:	105	Resp:	22654
Ion Ratio	Lower	Upper	
105	100		
120	45.7	38.8	58.2





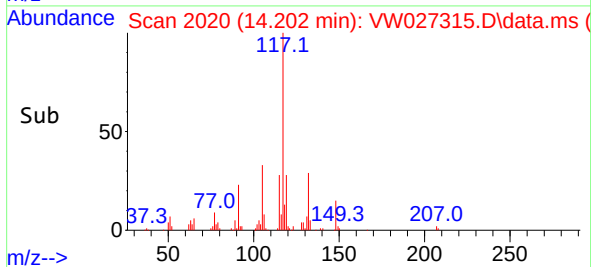
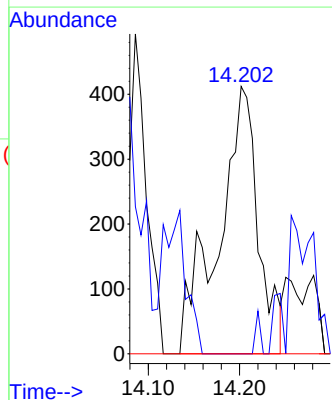
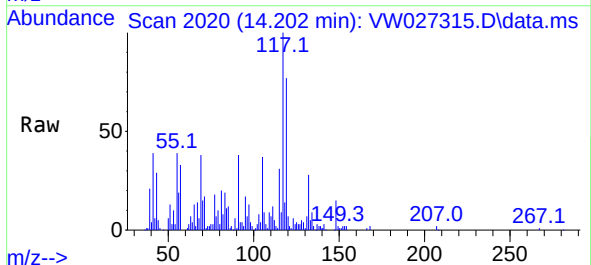
#63
1,2,4-Trimethylbenzene
Concen: 5.723 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027315.D
Acq: 17 Oct 2023 17:49

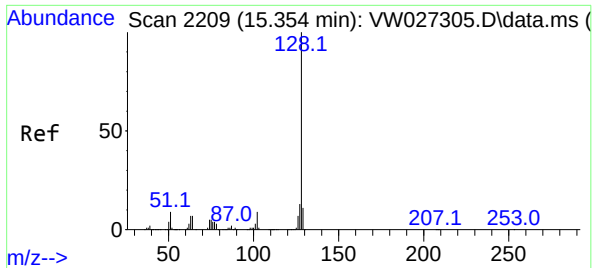
Tgt Ion:105 Resp: 79318
Ion Ratio Lower Upper
105 100
120 44.8 35.4 53.2



#68
1,2-Dibromo-3-chloropropane
Concen: 2.110 ug/L
RT: 14.202 min Scan# 2020
Delta R.T. -0.275 min
Lab File: VW027315.D
Acq: 17 Oct 2023 17:49

Tgt Ion: 75 Resp: 1245
Ion Ratio Lower Upper
75 100
155 0.0 54.9 82.3#
157 0.0 64.7 97.1#





#71
Naphthalene
Concen: 0.999 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW027315.D
Acq: 17 Oct 2023 17:49

Tgt Ion:	128	Resp:	7816
Ion	Ratio	Lower	Upper
128	100		
127	8.1	10.0	15.0#
129	10.8	8.5	12.7

