

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071422\
 Data File : VW023707.D
 Acq On : 14 Jul 2022 18:03
 Operator : SY/VA
 Sample : N3698-04RE
 Misc : 5.86g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 15 03:44:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 15 03:40:01 2022
 Response via : Initial Calibration

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

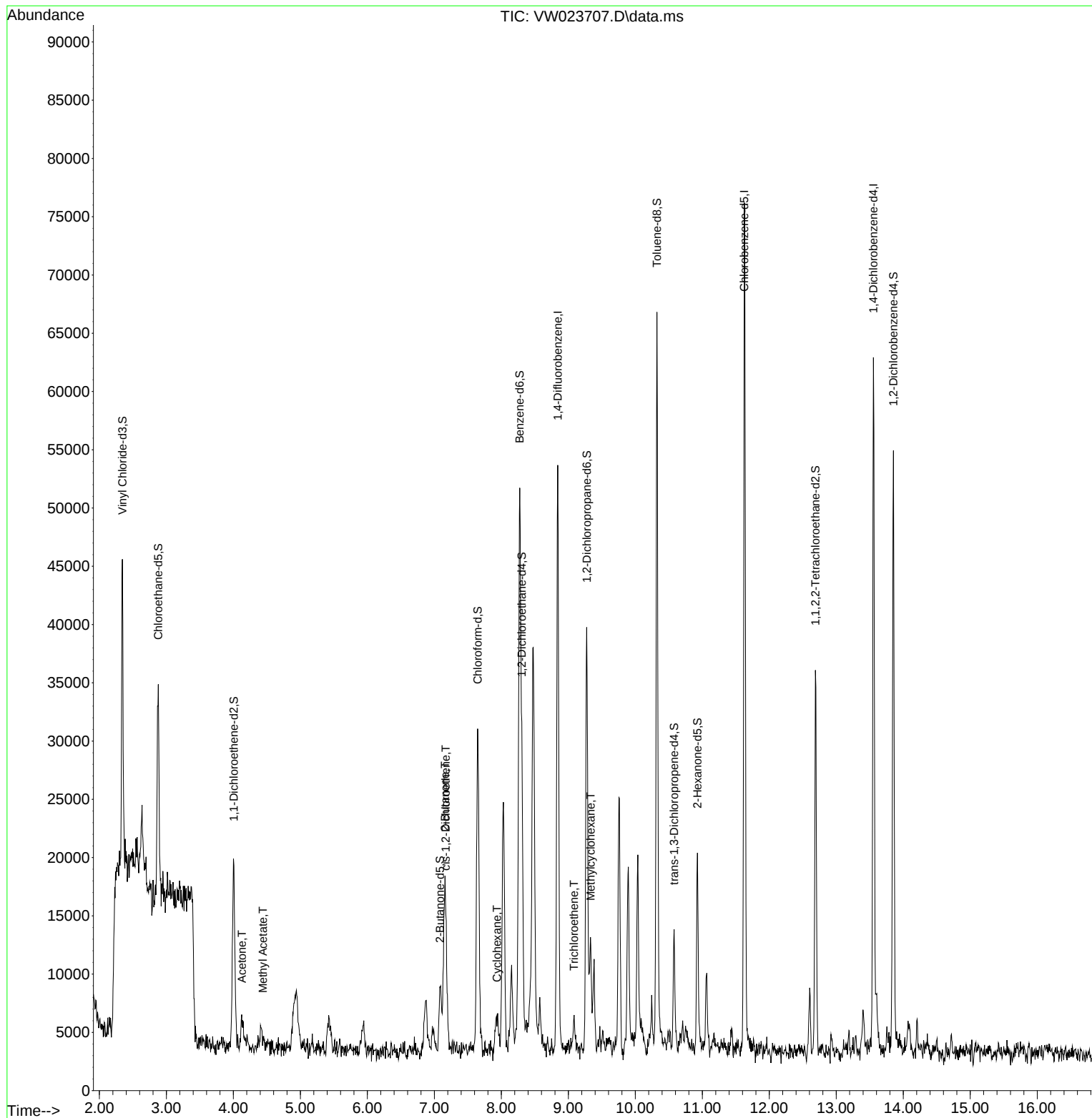
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	37528	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	37041	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	13757	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	21929	22.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.520%
7) Chloroethane-d5	2.879	69	18164	28.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.640%
11) 1,1-Dichloroethene-d2	4.007	63	13948	17.871	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.480%
21) 2-Butanone-d5	7.086	46	8786	59.096	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.200%
24) Chloroform-d	7.647	84	26516	24.268	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.080%
26) 1,2-Dichloroethane-d4	8.305	65	15870	23.749	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	8.275	84	45134	23.440	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.760%
36) 1,2-Dichloropropane-d6	9.275	67	14299	24.653	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.600%
41) Toluene-d8	10.323	98	36901	18.894	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.560%
43) trans-1,3-Dichloroprop...	10.579	79	4991	18.358	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.440%
47) 2-Hexanone-d5	10.927	63	4149	34.019	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.040%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	15049	23.478	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	11604	23.629	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.520%
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	3448	32.803	ug/L	99
15) Methyl Acetate	4.440	43	261	1.109	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	3648	6.822	ug/L #	76
22) 2-Butanone	7.159	43	592	3.427	ug/L	95
29) Cyclohexane	7.933	56	548	0.809	ug/L #	68
34) Trichloroethene	9.086	95	508	0.914	ug/L	85
35) Methylcyclohexane	9.335	83	1535	1.814	ug/L #	49

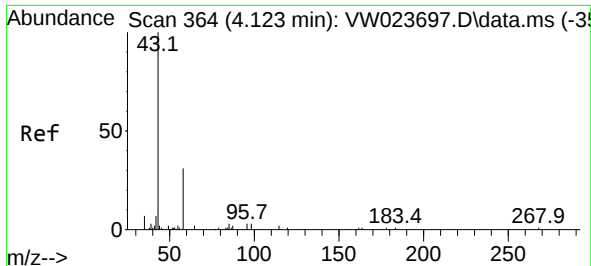
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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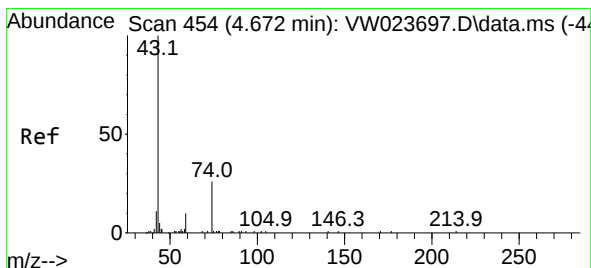
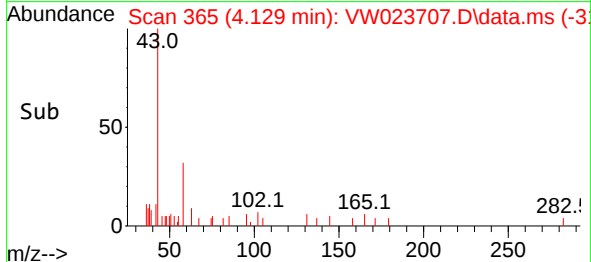
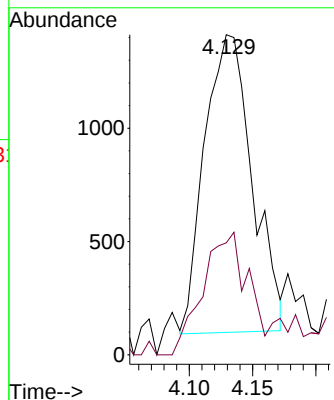
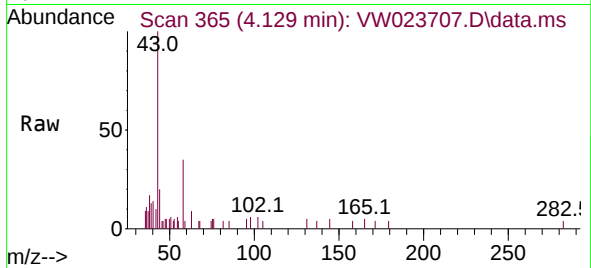




#13
Acetone
Concen: 32.803 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW023707.D
Acq: 14 Jul 2022 18:03

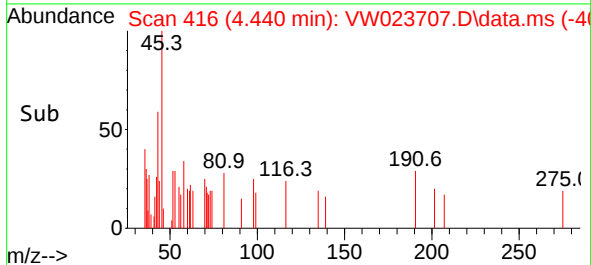
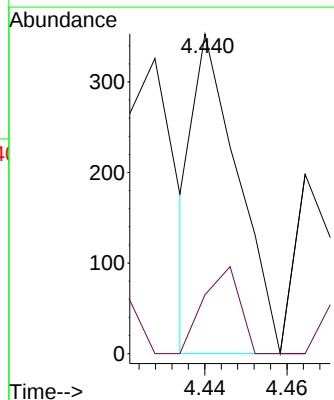
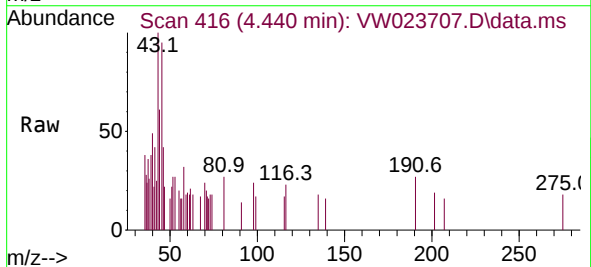
Instrument :
MSVOA_W
ClientSampleId :

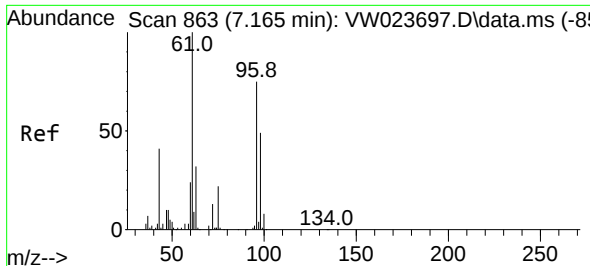
Tgt Ion: 43 Resp: 3448
Ion Ratio Lower Upper
43 100
58 31.4 0.0 64.2



#15
Methyl Acetate
Concen: 1.109 ug/L
RT: 4.440 min Scan# 416
Delta R.T. -0.232 min
Lab File: VW023707.D
Acq: 14 Jul 2022 18:03

Tgt Ion: 43 Resp: 261
Ion Ratio Lower Upper
43 100
74 22.6 20.0 30.0

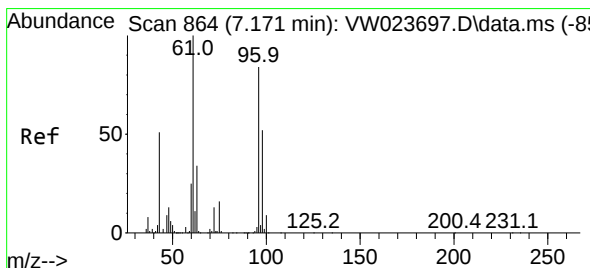
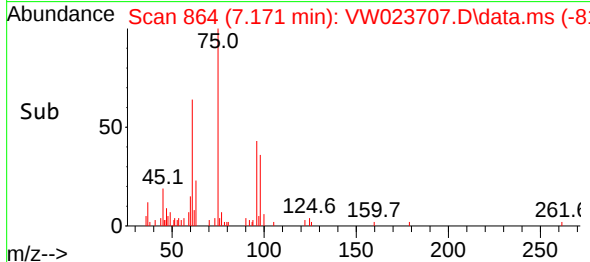
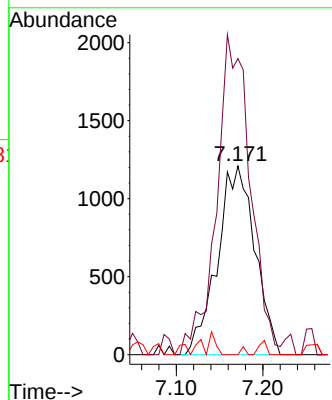
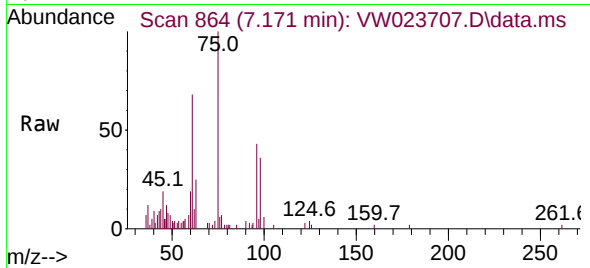




#20
 cis-1,2-Dichloroethene
 Concen: 6.822 ug/L
 RT: 7.171 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW023707.D
 Acq: 14 Jul 2022 18:03

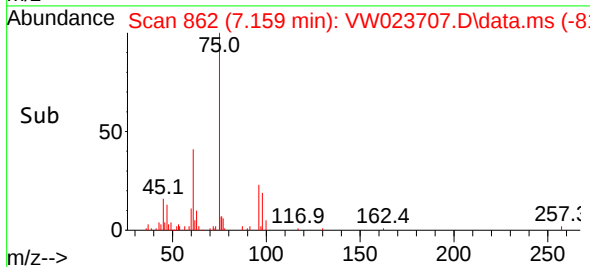
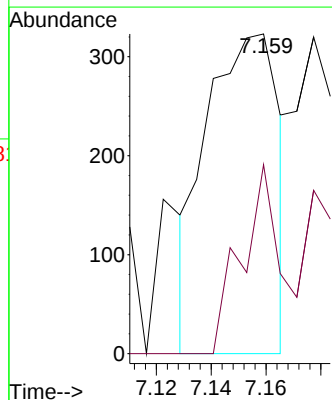
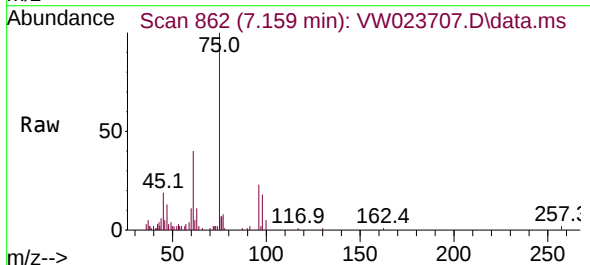
Instrument :
 MSVOA_W
 ClientSampleId :

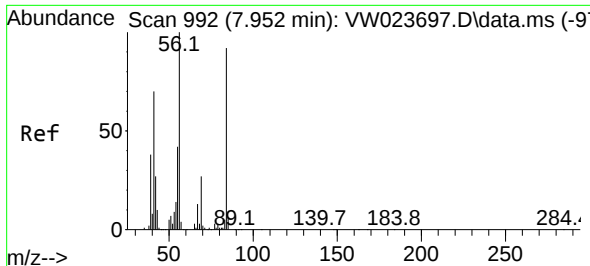
Tgt Ion: 96 Resp: 3648
 Ion Ratio Lower Upper
 96 100
 61 157.0 90.6 168.2
 68 0.0 0.2 0.4#



#22
 2-Butanone
 Concen: 3.427 ug/L
 RT: 7.159 min Scan# 862
 Delta R.T. -0.012 min
 Lab File: VW023707.D
 Acq: 14 Jul 2022 18:03

Tgt Ion: 43 Resp: 592
 Ion Ratio Lower Upper
 43 100
 72 31.9 14.7 44.1





#29

Cyclohexane

Concen: 0.809 ug/L

RT: 7.933 min Scan# 9

Delta R.T. -0.018 min

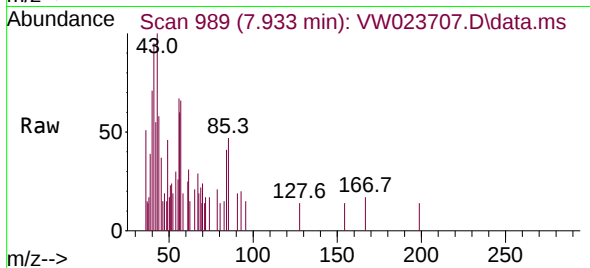
Lab File: VW023707.D

Acq: 14 Jul 2022 18:03

Instrument :

MSVOA_W

ClientSampleId :



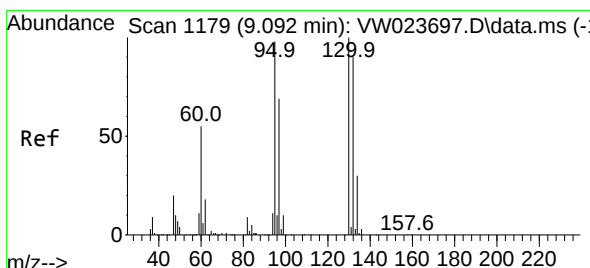
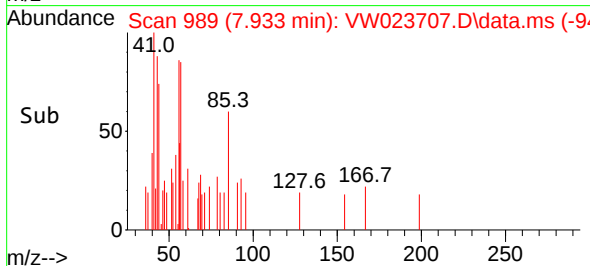
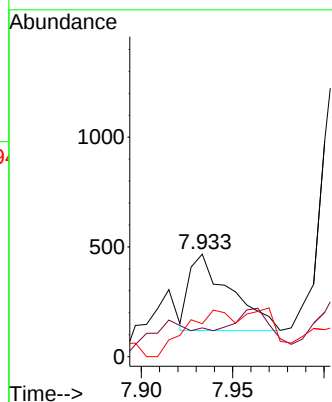
Tgt Ion: 56 Resp: 548

Ion Ratio Lower Upper

56 100

69 0.0 25.4 38.0#

84 70.4 75.0 112.4#



#34

Trichloroethene

Concen: 0.914 ug/L

RT: 9.086 min Scan# 1178

Delta R.T. -0.006 min

Lab File: VW023707.D

Acq: 14 Jul 2022 18:03

Tgt Ion: 95 Resp: 508

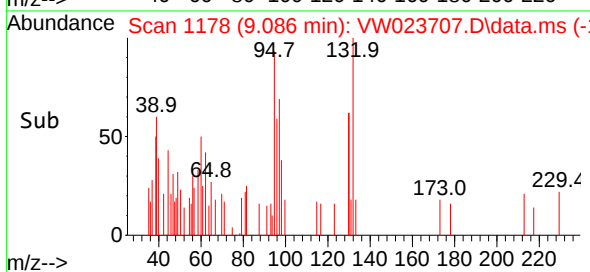
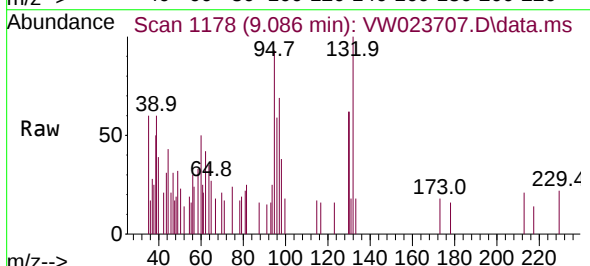
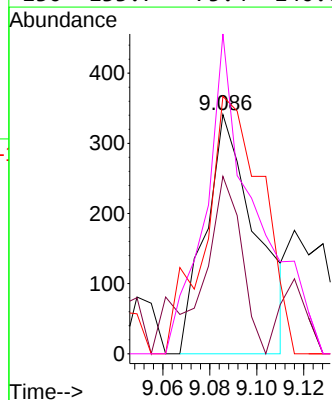
Ion Ratio Lower Upper

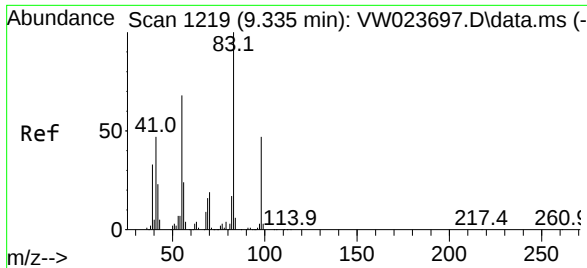
95 100

97 74.2 45.6 84.8

132 107.6 69.9 129.7

130 133.7 75.4 140.0





#35
Methylcyclohexane
Concen: 1.814 ug/L
RT: 9.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023707.D
Acq: 14 Jul 2022 18:03

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 1535
Ion Ratio Lower Upper
83 100
55 118.4 60.8 91.2#
98 13.3 39.5 59.3#

