

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
 Data File : VW026921.D
 Acq On : 26 Aug 2023 02:40
 Operator : SY/MD
 Sample : 04175-09
 Misc : 5.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 01:08:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 26 05:14:45 2023
 Response via : Initial Calibration

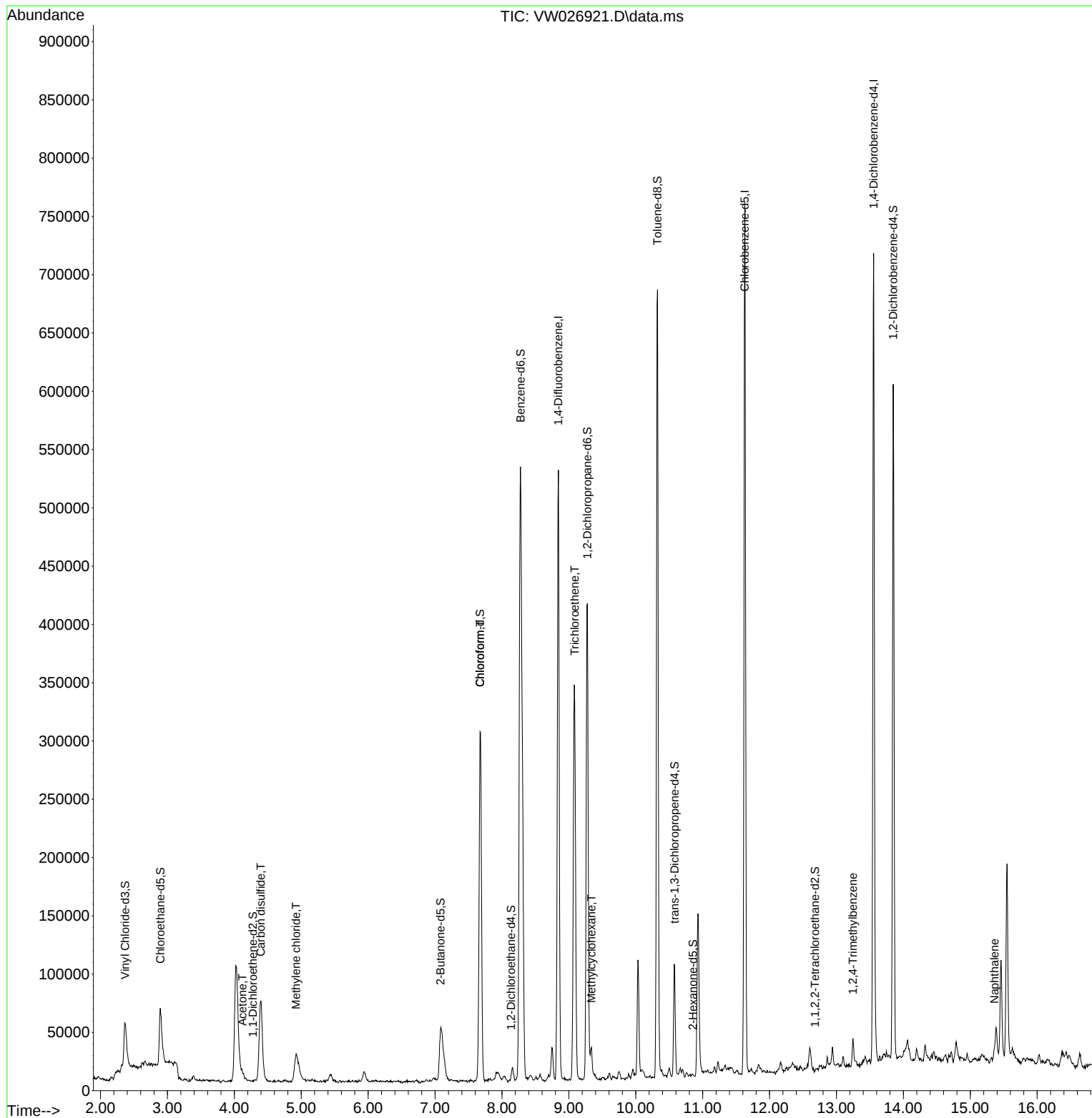
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	389959	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	359014	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	163441	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	74183	11.572	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.280%
7) Chloroethane-d5	2.893	69	75665	15.873	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.480%
11) 1,1-Dichloroethene-d2	4.277	65	121	0.038	ug/L	0.25
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.160%#
21) 2-Butanone-d5	7.081	46	65176	35.374	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.740%
24) Chloroform-d	7.673	84	13748	1.050	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	4.200%#
26) 1,2-Dichloroethane-d4	8.136	65	180	0.025	ug/L	-0.17
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.276	84	503120	20.334	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.320%
36) 1,2-Dichloropropane-d6	9.276	67	176699	22.926	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.720%
41) Toluene-d8	10.325	98	414287	19.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.040%
43) trans-1,3-Dichloroprop...	10.581	79	51446	16.167	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.680%
47) 2-Hexanone-d5	10.855	63	61	0.075	ug/L	-0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.160%#
56) 1,1,2,2-Tetrachloroeth...	12.678	84	151	0.025	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.080%#
66) 1,2-Dichlorobenzene-d4	13.849	152	130515	22.310	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.240%
Target Compounds						
					Qvalue	
13) Acetone	4.119	43	6304	3.441	ug/L	90
14) Carbon disulfide	4.393	76	171923	8.291	ug/L	99
16) Methylene chloride	4.923	84	20199	2.678	ug/L	95
25) Chloroform	7.673	83	284649	22.258	ug/L	97
34) Trichloroethene	9.087	95	56216	8.442	ug/L	92
35) Methylcyclohexane	9.337	83	8124	0.713	ug/L #	73
63) 1,2,4-Trimethylbenzene	13.245	105	11082	0.589	ug/L	99
71) Naphthalene	15.360	128	6972	0.604	ug/L #	94

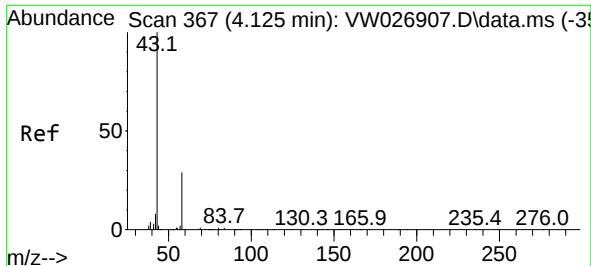
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Aug 26 05:14:45 2023
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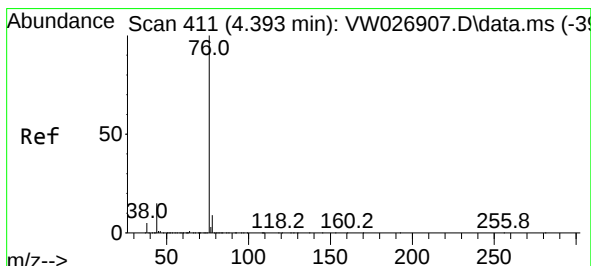
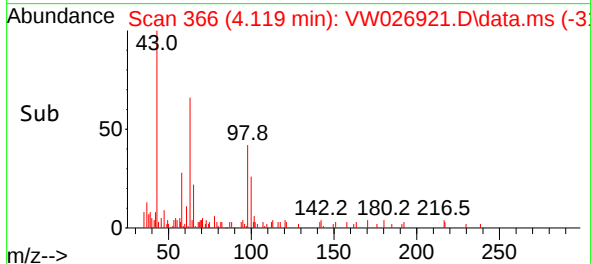
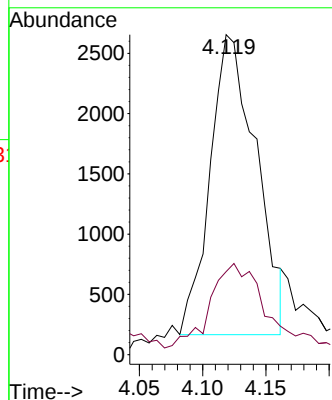
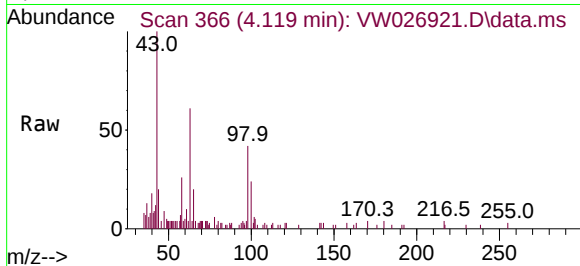




#13
Acetone
Concen: 3.441 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW026921.D
Acq: 26 Aug 2023 02:40

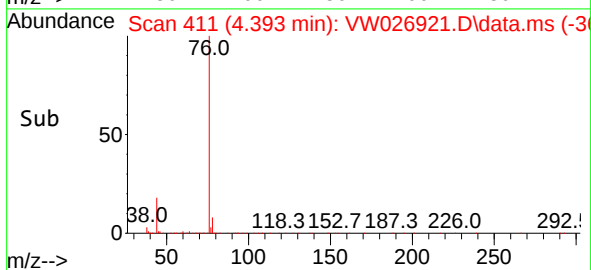
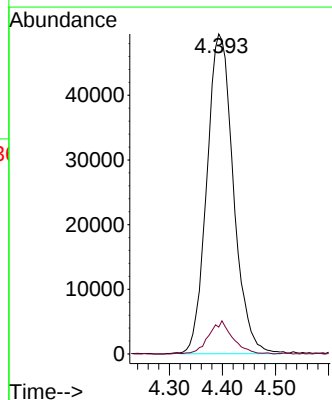
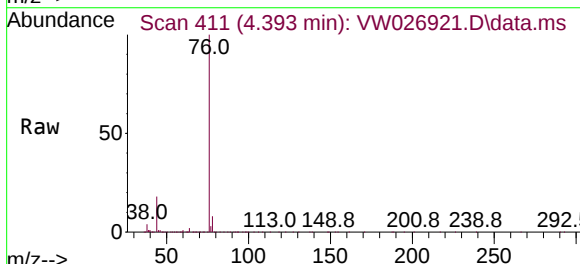
Instrument :
MSVOA_W
ClientSampleId :

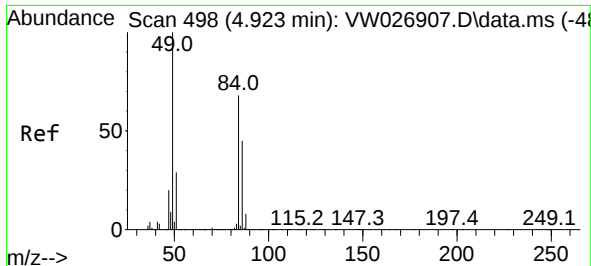
Tgt Ion: 43 Resp: 6304
Ion Ratio Lower Upper
43 100
58 23.4 0.0 57.4



#14
Carbon disulfide
Concen: 8.291 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026921.D
Acq: 26 Aug 2023 02:40

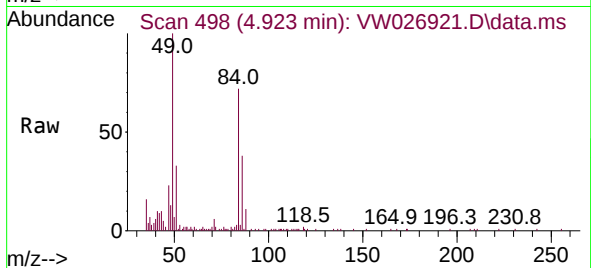
Tgt Ion: 76 Resp: 171923
Ion Ratio Lower Upper
76 100
78 8.4 7.1 10.7



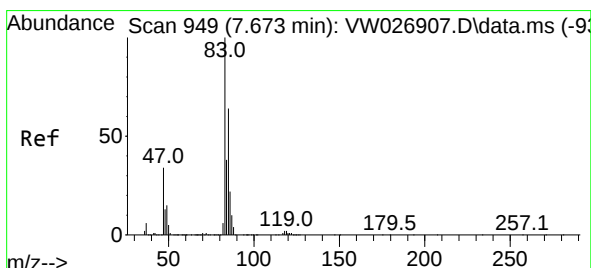
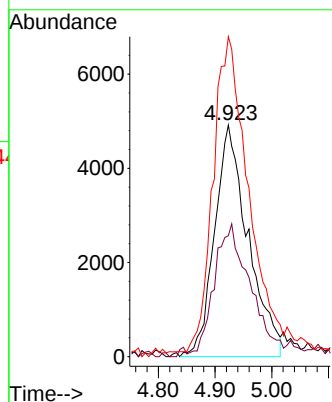
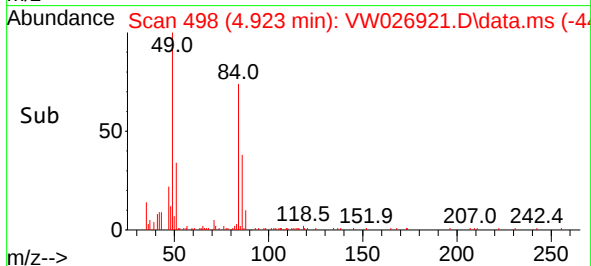


#16
Methylene chloride
Concen: 2.678 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW026921.D
Acq: 26 Aug 2023 02:40

Instrument :
MSVOA_W
ClientSampleId :

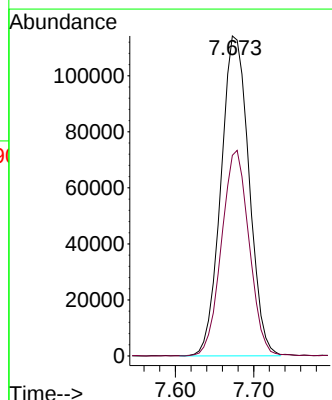
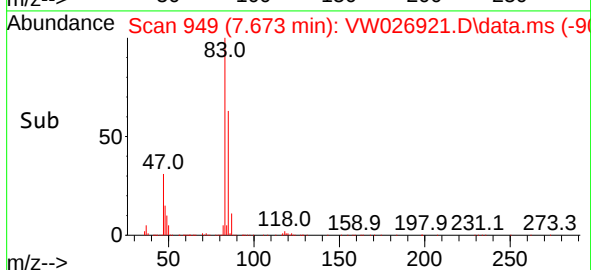
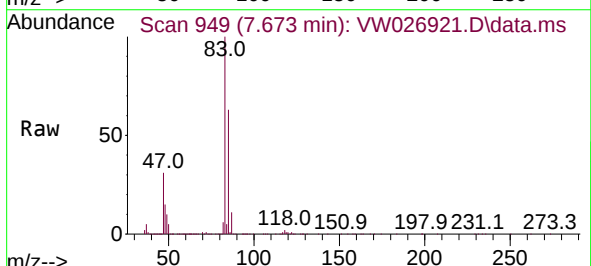


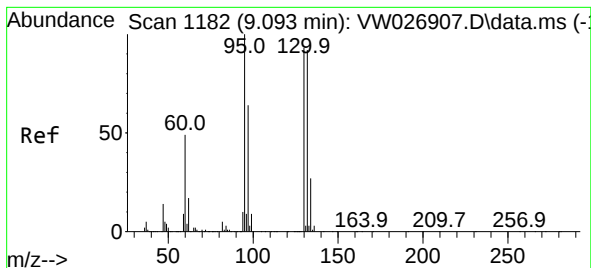
Tgt Ion: 84 Resp: 20199
Ion Ratio Lower Upper
84 100
86 52.2 43.5 80.9
49 138.1 96.0 178.2



#25
Chloroform
Concen: 22.258 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026921.D
Acq: 26 Aug 2023 02:40

Tgt Ion: 83 Resp: 284649
Ion Ratio Lower Upper
83 100
85 62.7 45.4 84.2





#34

Trichloroethene

Concen: 8.442 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW026921.D

Acq: 26 Aug 2023 02:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 56216

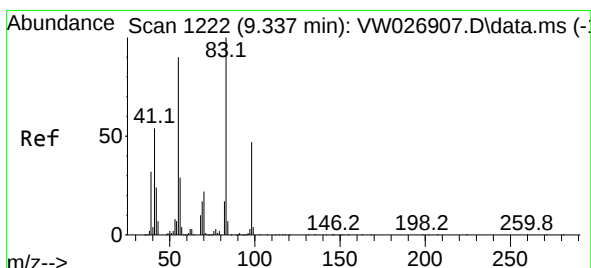
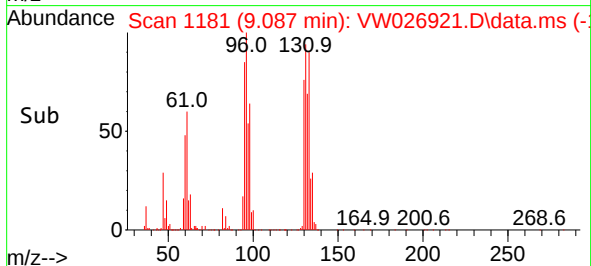
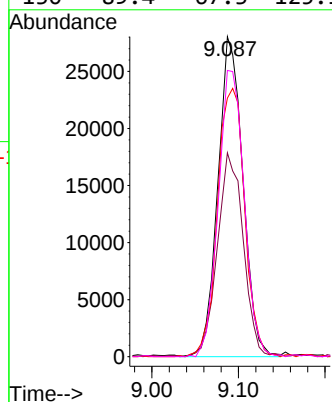
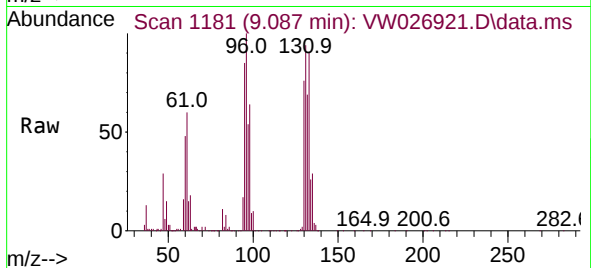
Ion Ratio Lower Upper

95 100

97 63.7 44.6 82.8

132 80.8 66.4 123.2

130 89.4 67.3 125.1



#35

Methylcyclohexane

Concen: 0.713 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026921.D

Acq: 26 Aug 2023 02:40

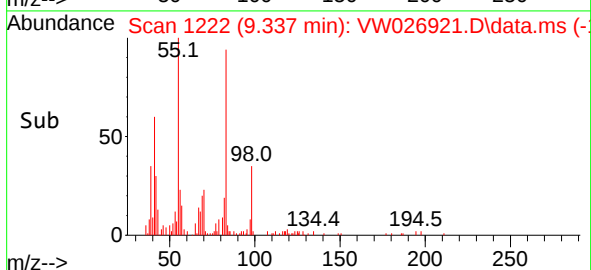
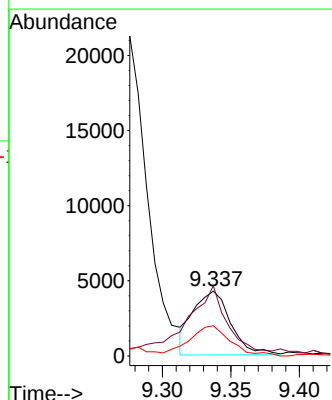
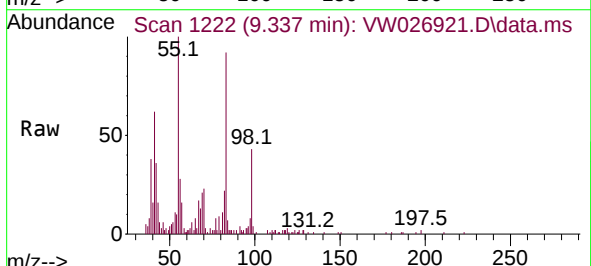
Tgt Ion: 83 Resp: 8124

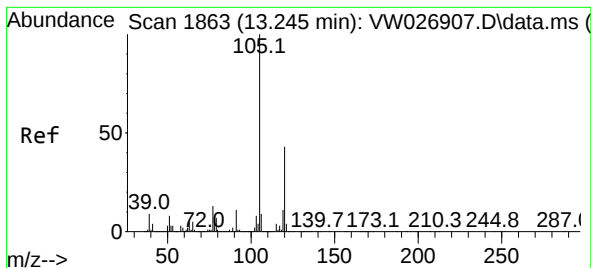
Ion Ratio Lower Upper

83 100

55 123.9 69.3 103.9#

98 46.2 37.4 56.0





#63

1,2,4-Trimethylbenzene

Concen: 0.589 ug/L

RT: 13.245 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026921.D

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Instrument :

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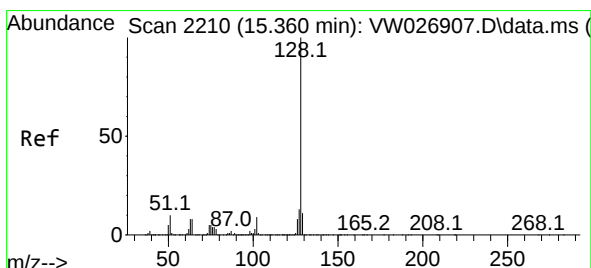
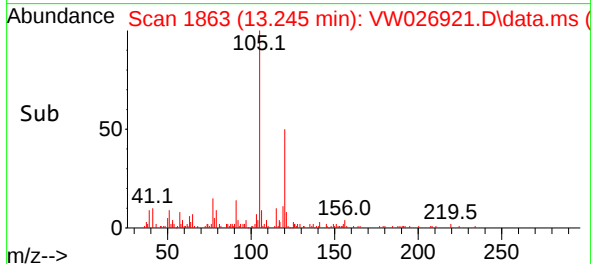
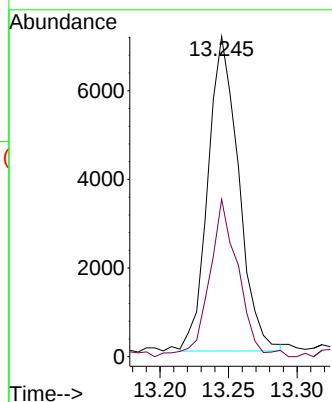
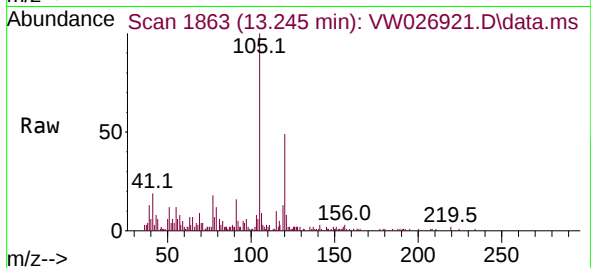
ClientSampleId :

Tgt Ion:105 Resp: 11082

Ion Ratio Lower Upper

105 100

120 46.2 36.2 54.4



#71

Naphthalene

Concen: 0.604 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026921.D

Acq: 26 Aug 2023 02:40

Tgt Ion:128 Resp: 6972

Ion Ratio Lower Upper

128 100

127 17.4 10.7 16.1#

129 10.5 9.0 13.4

