

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
 Data File : VW021142.D
 Acq On : 05 Dec 2021 02:14
 Operator : SY/VA
 Sample : M4883-18RE
 Misc : 3.62g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 04:29:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	7631	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	4310	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	856	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	3209	30.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 120.720%	
7) Chloroethane-d5	2.885	69	3650	51.284	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 205.120%#	
11) 1,1-Dichloroethene-d2	4.019	63	3958	23.303	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 93.200%	
21) 2-Butanone-d5	7.092	46	1521	62.719	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 125.440%	
24) Chloroform-d	7.653	84	6095	31.893	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 127.560%	
26) 1,2-Dichloroethane-d4	8.305	65	3640	34.816	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 139.280%#	
32) Benzene-d6	8.281	84	10777	48.903	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 195.600%#	
36) 1,2-Dichloropropane-d6	9.281	67	3606	58.882	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 235.520%#	
41) Toluene-d8	10.323	98	7792	34.483	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 137.920%#	
43) trans-1,3-Dichloroprop...	10.585	79	613	22.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 88.160%	
47) 2-Hexanone-d5	10.927	63	809	69.044	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 138.080%#	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	2030	35.830	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 143.320%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	748	24.388	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 97.560%	
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	287	12.992	ug/L	# 49
16) Methylene chloride	4.928	84	778	6.471	ug/L	76
22) 2-Butanone	7.147	43	78	2.551	ug/L	# 52
27) 1,2-Dichloroethane	8.409	62	590	4.805	ug/L	# 77
33) Benzene	8.360	78	1047	4.272	ug/L	100
34) Trichloroethene	9.098	95	240	3.549	ug/L	87
35) Methylcyclohexane	9.329	83	150	1.318	ug/L	# 77
37) 1,2-Dichloropropane	9.268	63	441	7.961	ug/L	# 88
42) Toluene	10.390	91	1509	5.390	ug/L	83
46) Tetrachloroethene	10.866	164	413	6.670	ug/L	96
48) 2-Hexanone	10.933	43	111	4.077	ug/L	# 41
49) Dibromochloromethane	10.866	129	388	6.684	ug/L	# 10
52) Ethylbenzene	11.731	91	291	0.923	ug/L	93
53) m,p-Xylene	11.835	106	441	3.383	ug/L	67
54) o-Xylene	12.158	106	269	2.188	ug/L	67
61) 1,2,3-Trichloropropane	13.554	75	51	3.557	ug/L	# 40
62) 1,3,5-Trimethylbenzene	13.255	105	230	2.309	ug/L	96
63) 1,2,4-Trimethylbenzene	13.255	105	230	2.295	ug/L	99
71) Naphthalene	15.359	128	838	13.326	ug/L	# 84

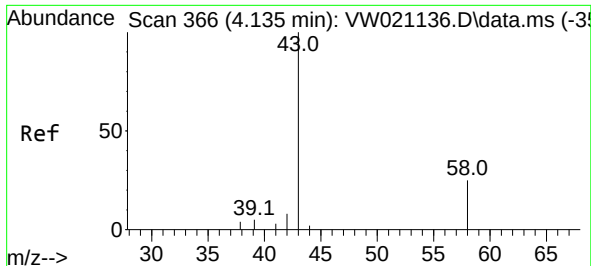
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021142.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 04 04:50:24 2021
Response via : Initial Calibration

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

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



#13

Acetone

Concen: 12.992 ug/L

RT: 4.135 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW021142.D

Acq: 05 Dec 2021 02:14

Instrument :

MSVOA_W

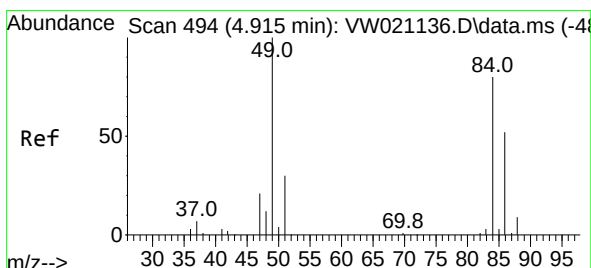
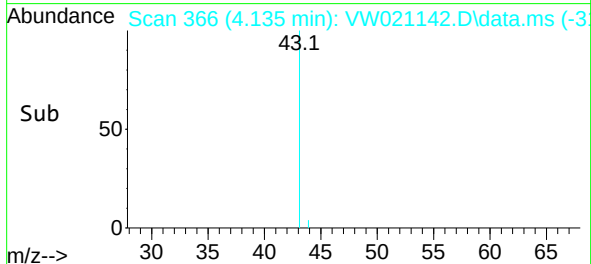
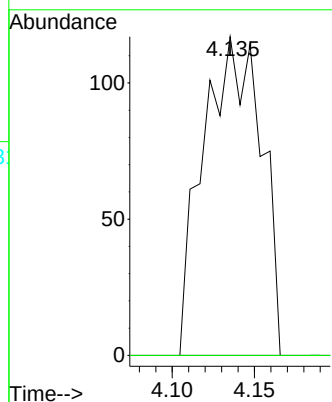
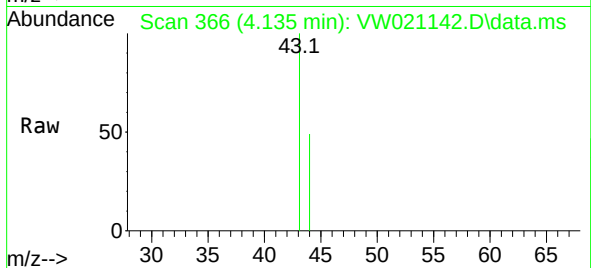
ClientSampleId :

Tgt Ion: 43 Resp: 287

Ion Ratio Lower Upper

43 100

58 0.0 0.0 52.8



#16

Methylene chloride

Concen: 6.471 ug/L

RT: 4.928 min Scan# 496

Delta R.T. 0.012 min

Lab File: VW021142.D

Acq: 05 Dec 2021 02:14

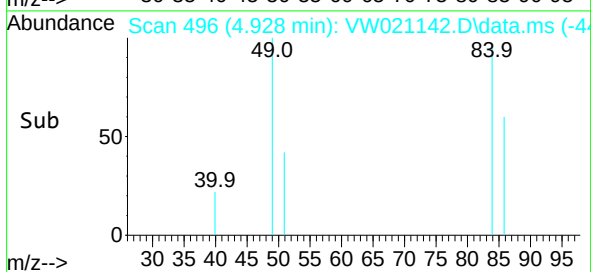
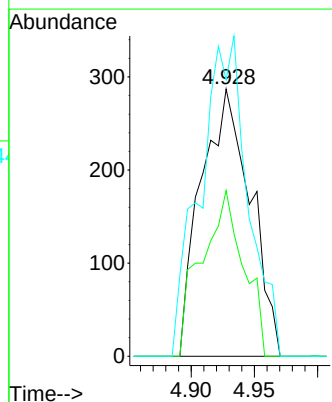
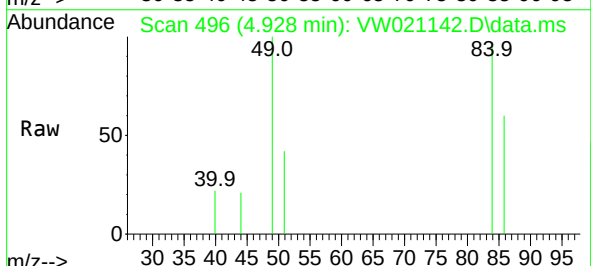
Tgt Ion: 84 Resp: 778

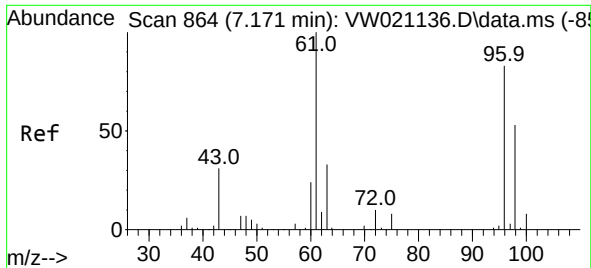
Ion Ratio Lower Upper

84 100

86 62.0 45.5 84.5

49 103.5 100.5 186.7

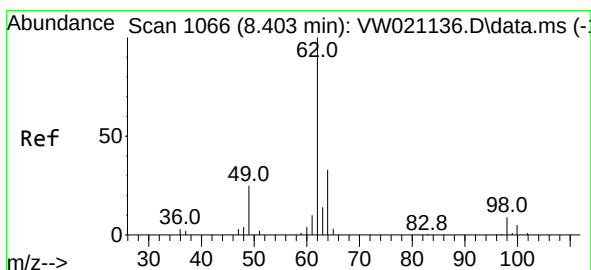
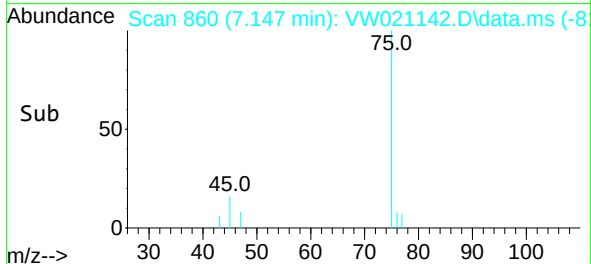
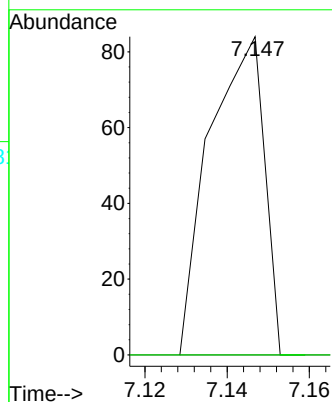
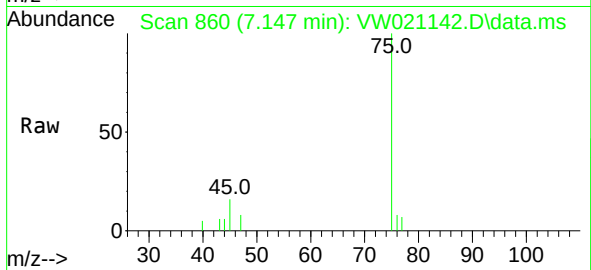




#22
2-Butanone
Concen: 2.551 ug/L
RT: 7.147 min Scan# 864
Delta R.T. -0.024 min
Lab File: VW021142.D
Acq: 05 Dec 2021 02:14

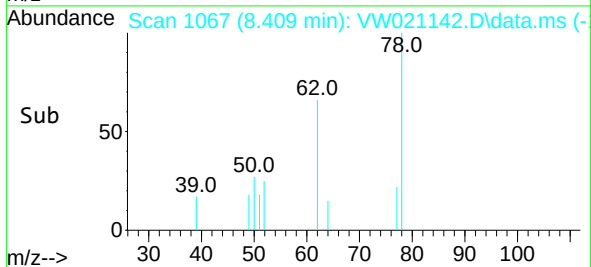
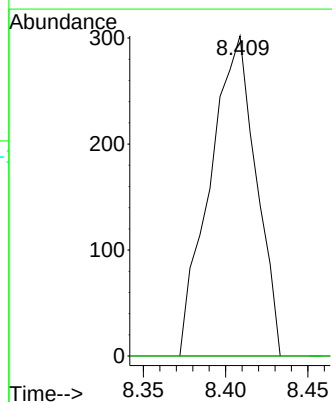
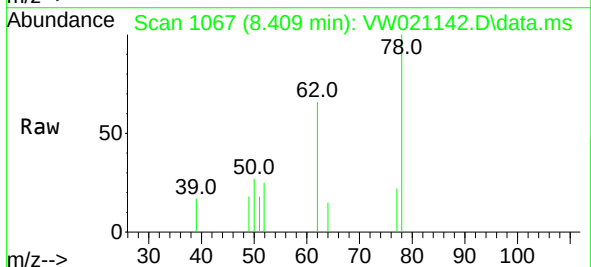
Instrument :
MSVOA_W
ClientSampleId :

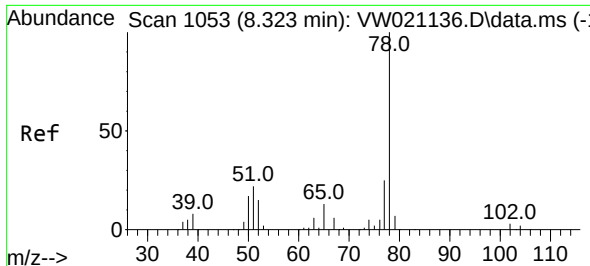
Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#



#27
1,2-Dichloroethane
Concen: 4.805 ug/L
RT: 8.409 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VW021142.D
Acq: 05 Dec 2021 02:14

Tgt Ion: 62 Resp: 590
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7#

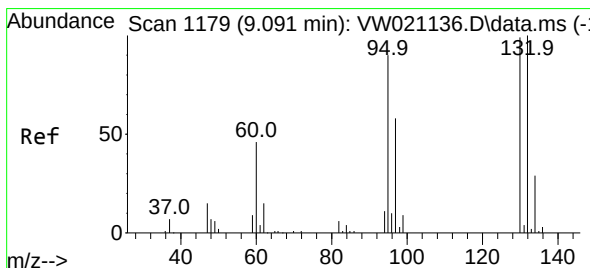
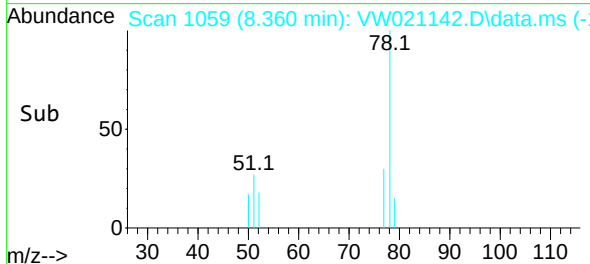
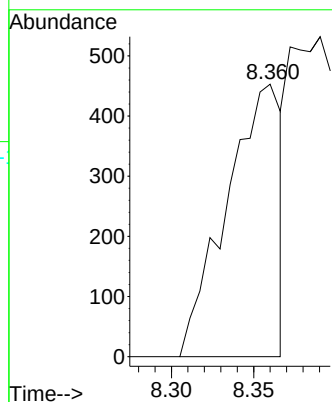
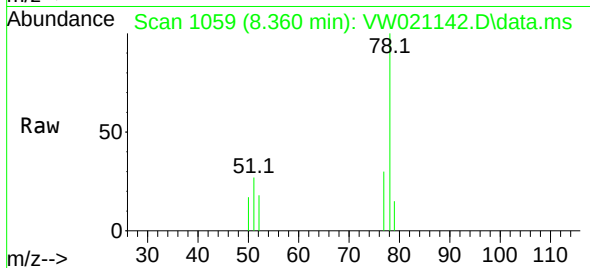




#33
Benzene
Concen: 4.272 ug/L
RT: 8.360 min Scan# 1180
Delta R.T. 0.037 min
Lab File: VW021142.D
Acq: 05 Dec 2021 02:14

Instrument :
MSVOA_W
ClientSampleId :

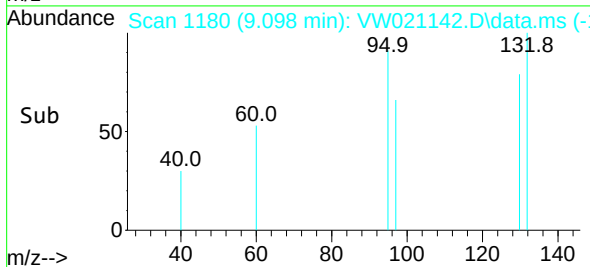
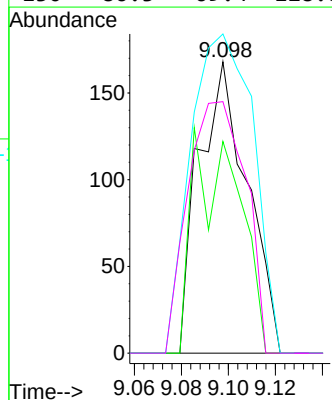
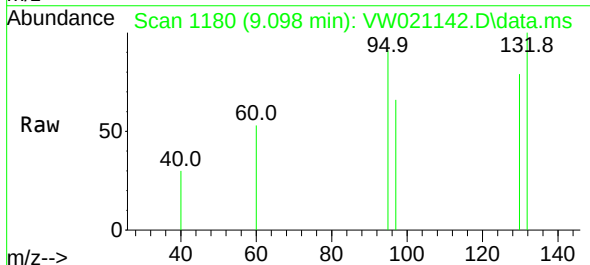
Tgt Ion: 78 Resp: 1047

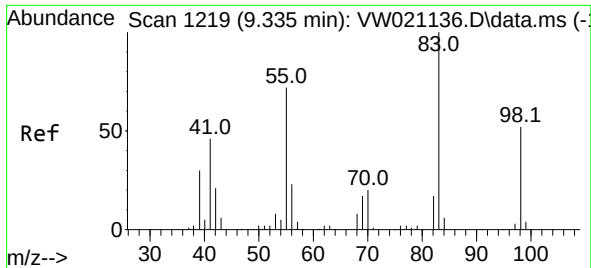


#34
Trichloroethene
Concen: 3.549 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW021142.D
Acq: 05 Dec 2021 02:14

Tgt Ion: 95 Resp: 240

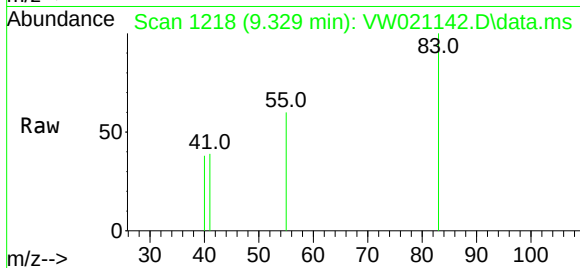
Ion	Ratio	Lower	Upper
95	100		
97	72.6	47.0	87.2
132	109.5	65.5	121.6
130	86.3	69.4	128.8



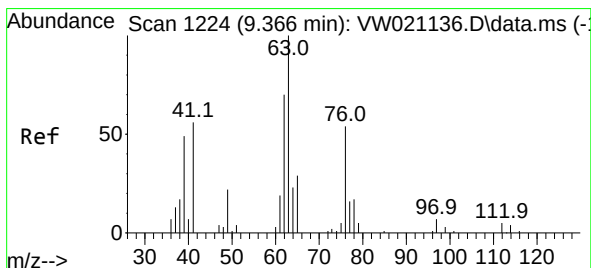
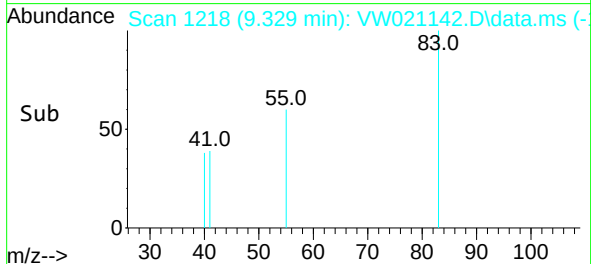
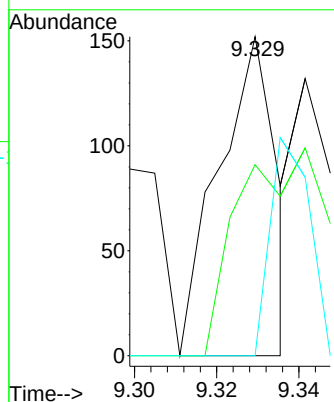


#35
Methylcyclohexane
Concen: 1.318 ug/L
RT: 9.329 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021142.D
Acq: 05 Dec 2021 02:14

Instrument :
MSVOA_W
ClientSampleId :

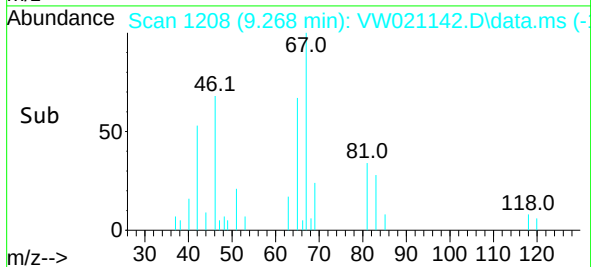
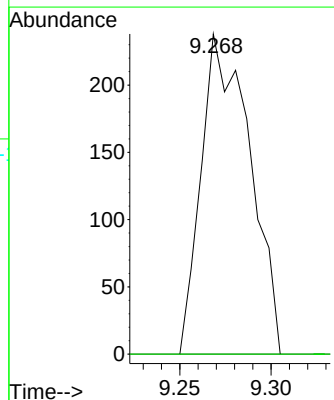
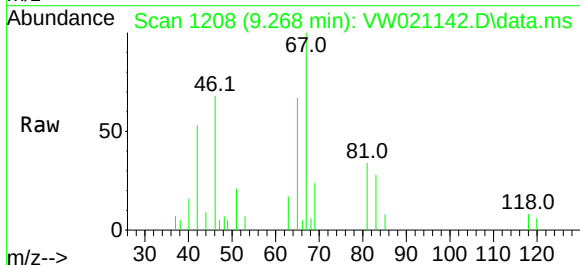


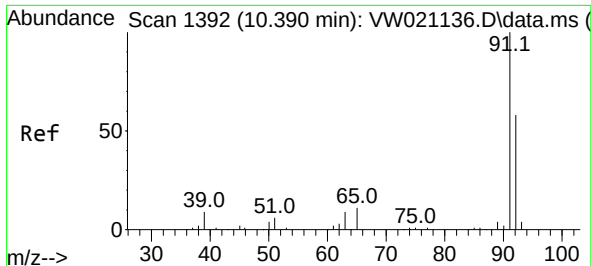
Tgt Ion: 83 Resp: 150
Ion Ratio Lower Upper
83 100
55 56.7 70.8 106.2#
98 46.0 37.7 56.5



#37
1,2-Dichloropropane
Concen: 7.961 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.104 min
Lab File: VW021142.D
Acq: 05 Dec 2021 02:14

Tgt Ion: 63 Resp: 441
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

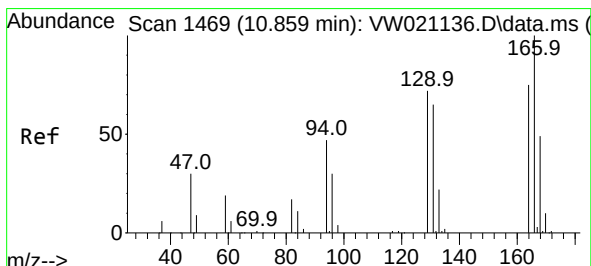
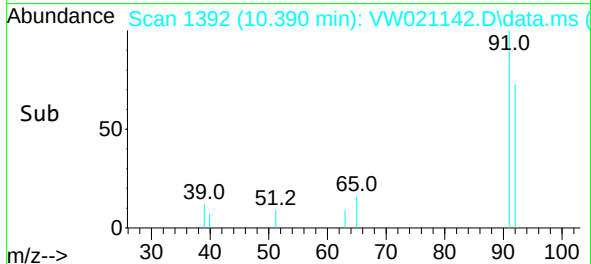
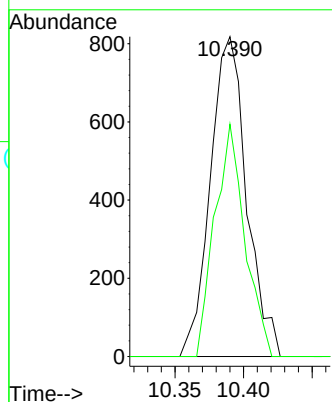
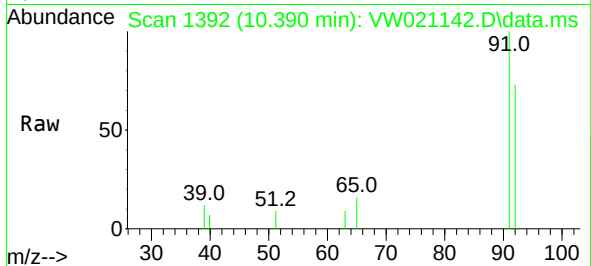




#42
Toluene
Concen: 5.390 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021142.D
Acq: 05 Dec 2021 02:14

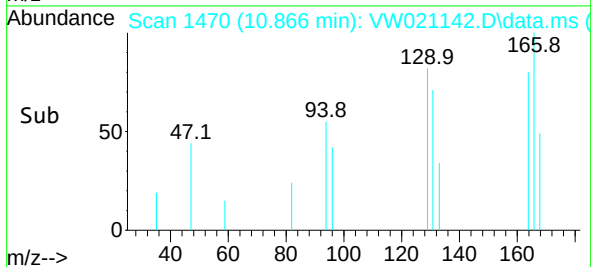
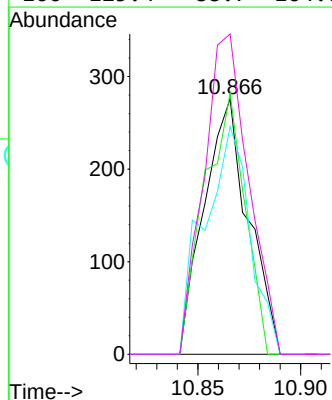
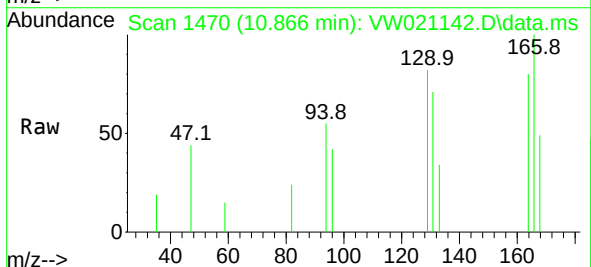
Instrument :
MSVOA_W
ClientSampleId :

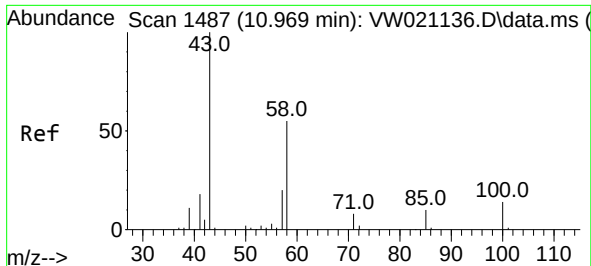
Tgt Ion: 91 Resp: 1509
Ion Ratio Lower Upper
91 100
92 72.6 41.7 77.5



#46
Tetrachloroethene
Concen: 6.670 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW021142.D
Acq: 05 Dec 2021 02:14

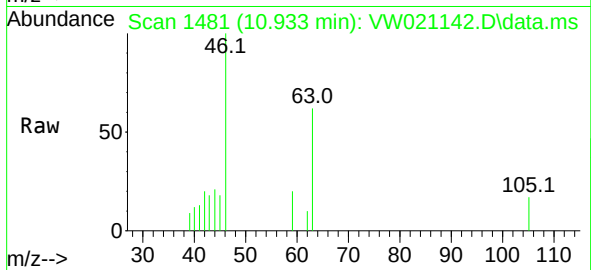
Tgt Ion: 164 Resp: 413
Ion Ratio Lower Upper
164 100
129 102.2 65.5 121.7
131 89.1 59.7 110.9
166 125.4 88.7 164.7



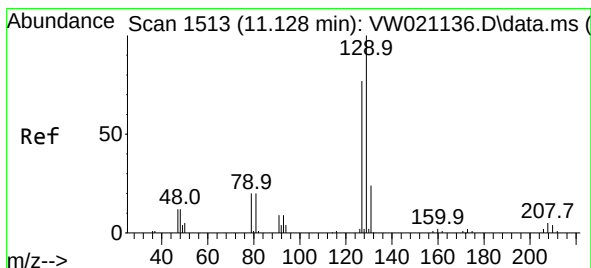
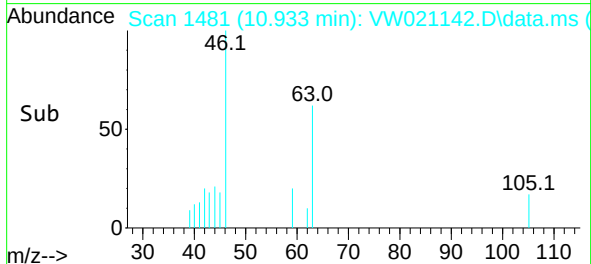
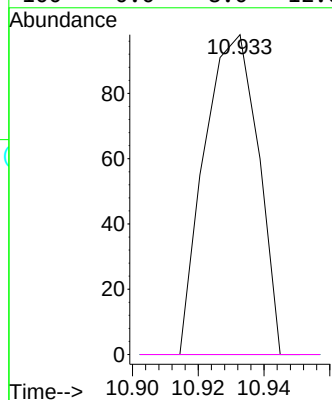


#48
2-Hexanone
Concen: 4.077 ug/L
RT: 10.933 min Scan# 1487
Delta R.T. -0.037 min
Lab File: VW021142.D
Acq: 05 Dec 2021 02:14

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MSVOA_W
ClientSampleId :

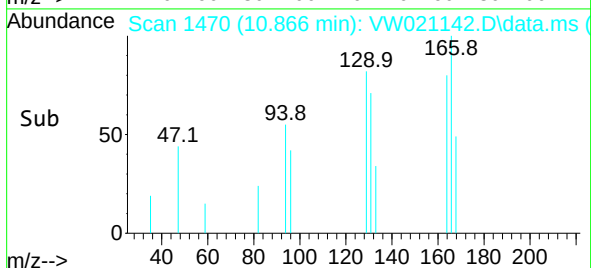
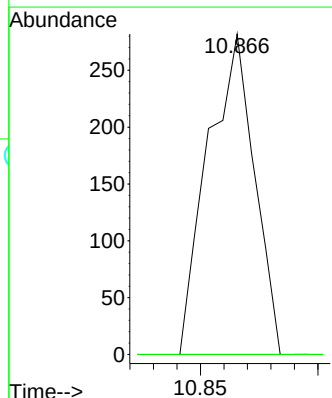
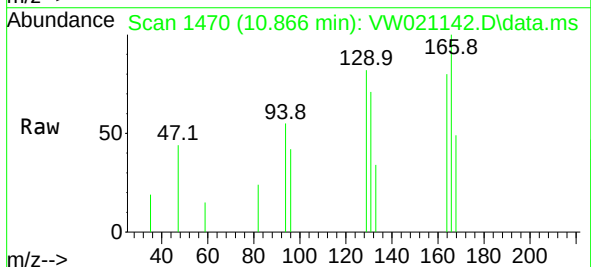


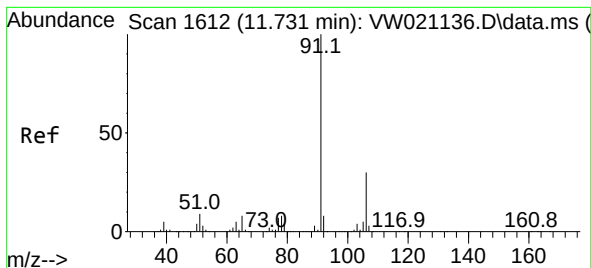
Tgt Ion: 43	Resp: 111
Ion Ratio	Lower Upper
43 100	
58 0.0	40.2 60.2#
57 0.0	14.3 21.5#
100 0.0	8.0 12.0#



#49
Dibromochloromethane
Concen: 6.684 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW021142.D
Acq: 05 Dec 2021 02:14

Tgt Ion:129	Resp:	388	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#

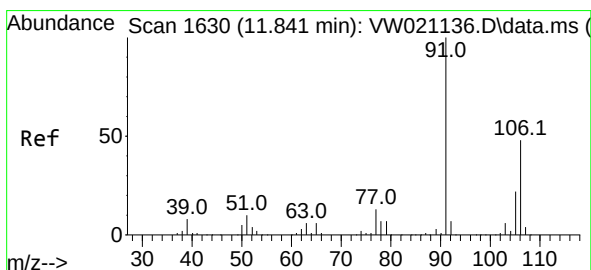
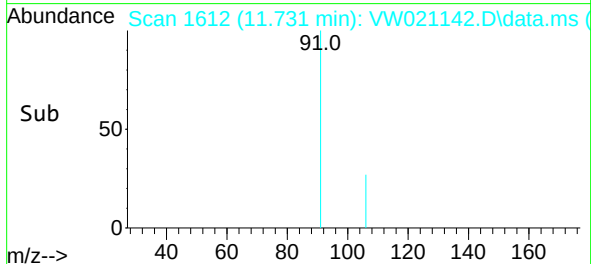
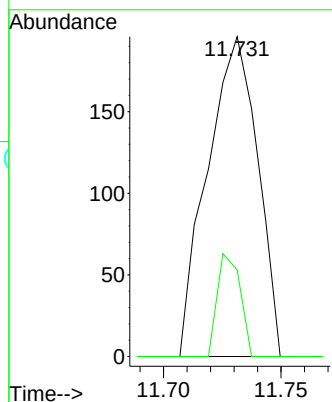
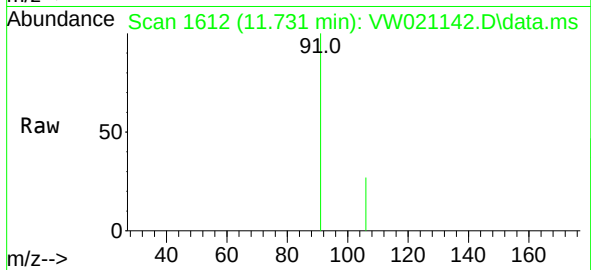




#52
Ethylbenzene
Concen: 0.923 ug/L
RT: 11.731 min Scan# 1162
Delta R.T. -0.000 min
Lab File: VW021142.D
Acq: 05 Dec 2021 02:14

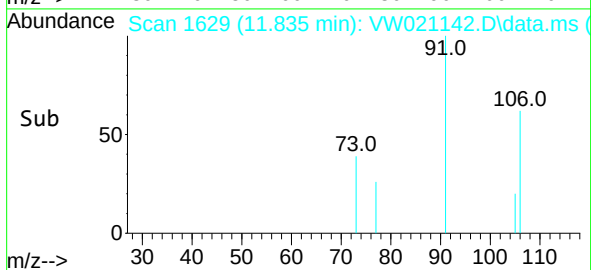
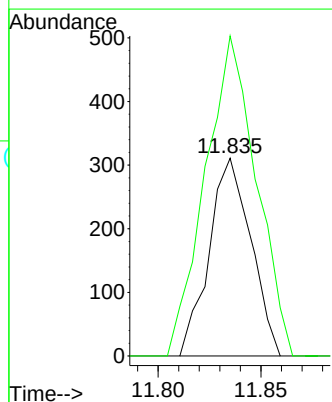
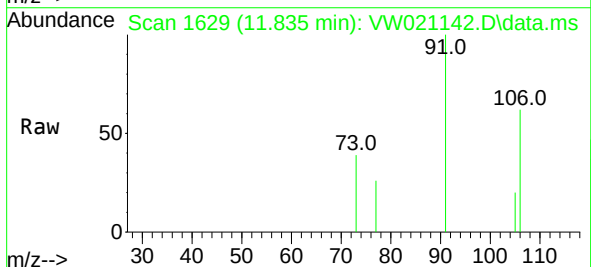
Instrument :
MSVOA_W
ClientSampleId :

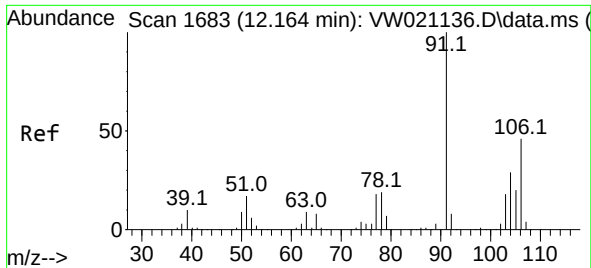
Tgt Ion: 91 Resp: 291
Ion Ratio Lower Upper
91 100
106 27.0 21.5 39.9



#53
m,p-Xylene
Concen: 3.383 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021142.D
Acq: 05 Dec 2021 02:14

Tgt Ion: 106 Resp: 441
Ion Ratio Lower Upper
106 100
91 161.7 149.9 278.3

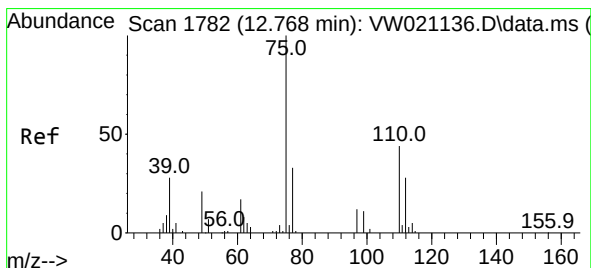
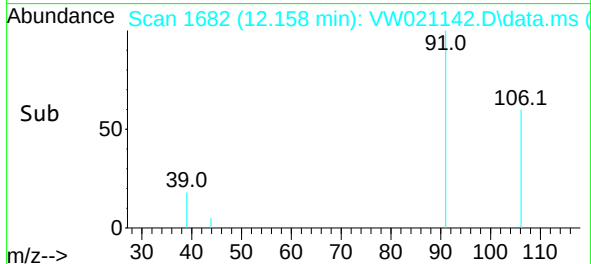
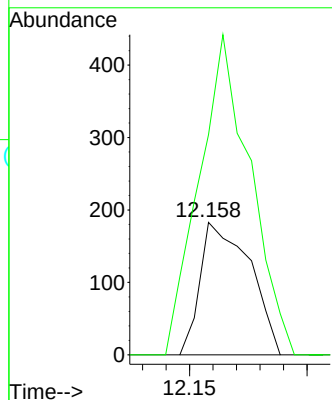
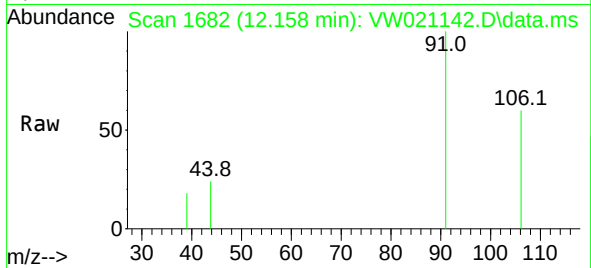




#54
o-Xylene
Concen: 2.188 ug/L
RT: 12.158 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021142.D
Acq: 05 Dec 2021 02:14

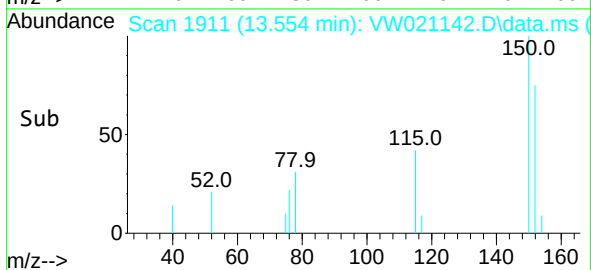
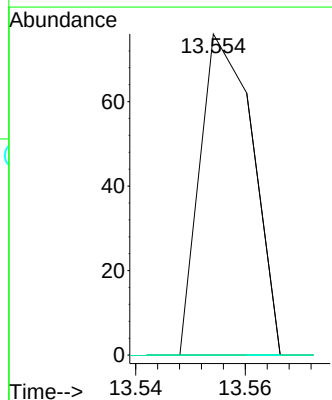
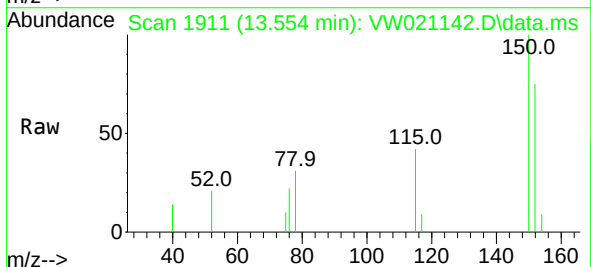
Instrument :
MSVOA_W
ClientSampleId :

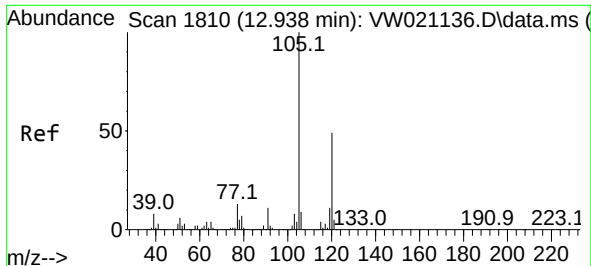
Tgt Ion:106 Resp: 269
Ion Ratio Lower Upper
106 100
91 166.1 153.6 285.3



#61
1,2,3-Trichloropropane
Concen: 3.557 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW021142.D
Acq: 05 Dec 2021 02:14

Tgt Ion: 75 Resp: 51
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.8#
110 0.0 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 2.309 ug/L

RT: 13.255 min Scan# 1862

Delta R.T. 0.311 min

Lab File: VW021142.D

Acq: 05 Dec 2021 02:14

Instrument :

MSVOA_W

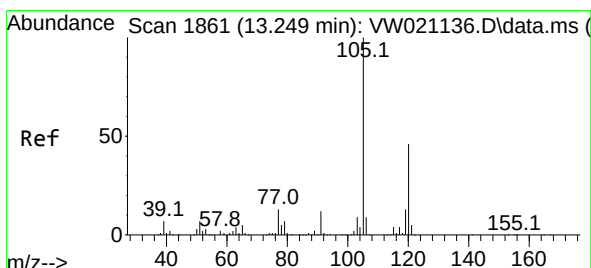
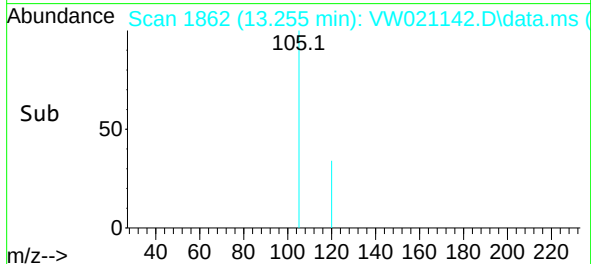
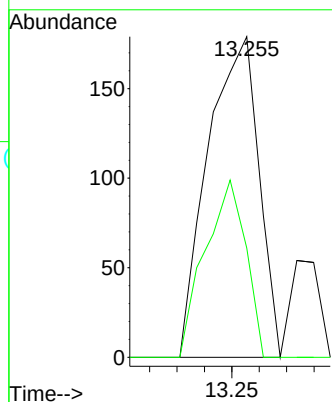
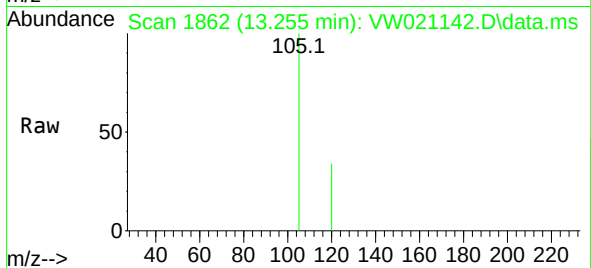
ClientSampleId :

Tgt Ion:105 Resp: 230

Ion Ratio Lower Upper

105 100

120 44.3 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 2.295 ug/L

RT: 13.255 min Scan# 1862

Delta R.T. 0.006 min

Lab File: VW021142.D

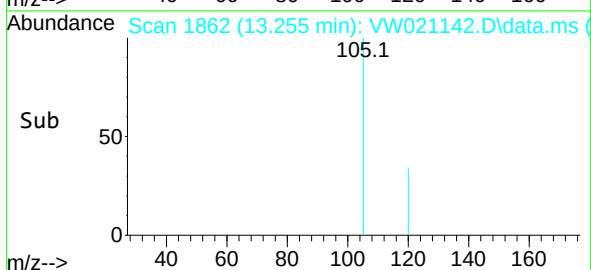
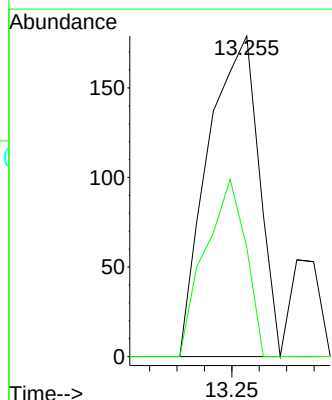
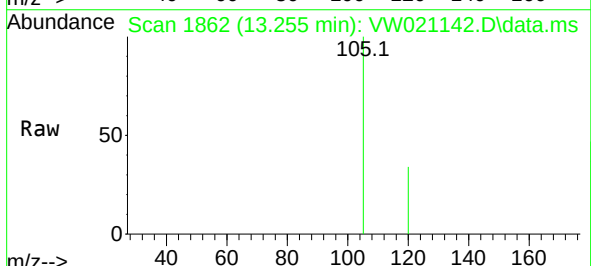
Acq: 05 Dec 2021 02:14

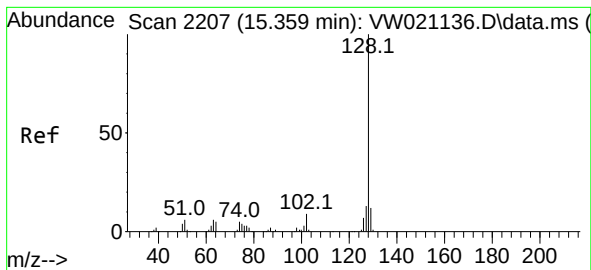
Tgt Ion:105 Resp: 230

Ion Ratio Lower Upper

105 100

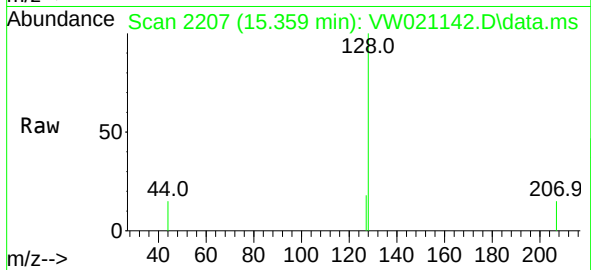
120 44.3 35.0 52.6





#71
Naphthalene
Concen: 13.326 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021142.D
Acq: 05 Dec 2021 02:14

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 838
Ion Ratio Lower Upper
128 100
127 10.6 10.7 16.1#
129 0.0 8.6 12.8#

