

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122921\
 Data File : VW021694.D
 Acq On : 29 Dec 2021 17:13
 Operator : SY/VA
 Sample : M5233-06
 Misc : 8.34g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 30 01:20:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 30 01:18:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	102915	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	103686	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	61284	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	35267	17.380	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.520%
7) Chloroethane-d5	2.879	69	27303	19.978	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.920%
11) 1,1-Dichloroethene-d2	4.013	63	37769	12.719	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.880%
21) 2-Butanone-d5	7.074	46	17531	59.053	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.100%
24) Chloroform-d	7.653	84	63760	19.833	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.320%
26) 1,2-Dichloroethane-d4	8.305	65	37885	22.318	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.280%
32) Benzene-d6	8.275	84	122643	19.920	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.680%
36) 1,2-Dichloropropane-d6	9.274	67	35253	21.108	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.440%
41) Toluene-d8	10.323	98	123719	20.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.680%
43) trans-1,3-Dichloroprop...	10.579	79	18414	22.658	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.640%
47) 2-Hexanone-d5	10.920	63	16379	64.664	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.320%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	35813	26.010	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	47393	20.223	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.880%
Target Compounds						Qvalue
8) Chloroethane	2.916	64	14275	12.886	ug/L	97
13) Acetone	4.123	43	1582	6.276	ug/L	# 43
16) Methylene chloride	4.915	84	7001	3.811	ug/L	77
33) Benzene	8.323	78	31281	4.944	ug/L	100
34) Trichloroethene	8.841	95	3071	1.710	ug/L	# 5
37) 1,2-Dichloropropane	9.274	63	4570	3.259	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	1522	0.664	ug/L	# 79
42) Toluene	10.384	91	7230	0.990	ug/L	94
45) 1,1,2-Trichloroethane	10.640	97	1537	1.320	ug/L	# 20
52) Ethylbenzene	11.731	91	11925	1.455	ug/L	91
53) m,p-Xylene	11.841	106	7281	2.217	ug/L	90
54) o-Xylene	12.164	106	7396	2.376	ug/L	96
61) 1,2,3-Trichloropropane	12.597	75	957	1.020	ug/L	# 92
63) 1,2,4-Trimethylbenzene	13.249	105	15501	2.161	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	3389	0.962	ug/L	93
71) Naphthalene	15.359	128	15390	3.999	ug/L	99

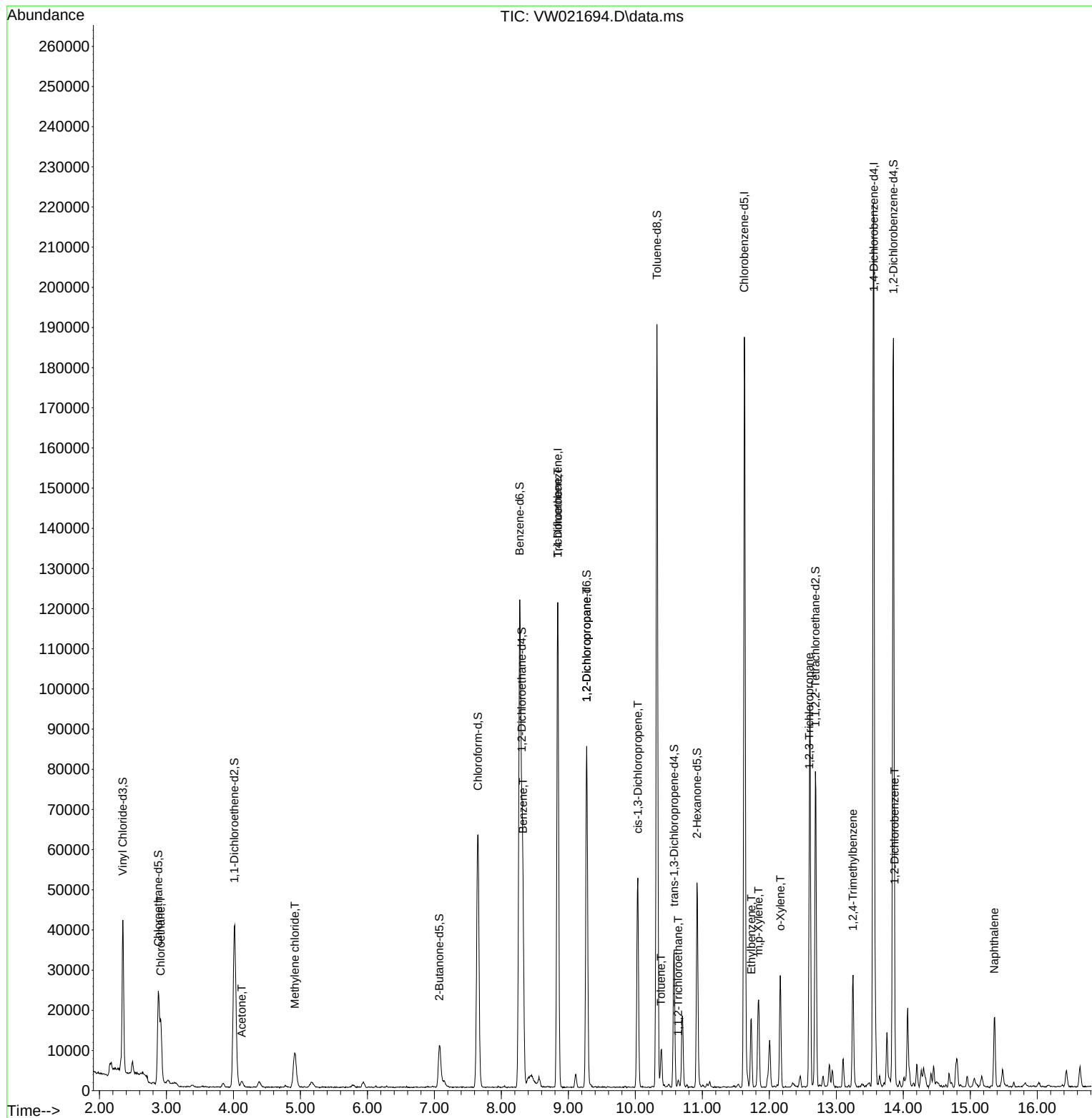
(#) = qualifier out of range (m) = manual integration (+) = signals summed

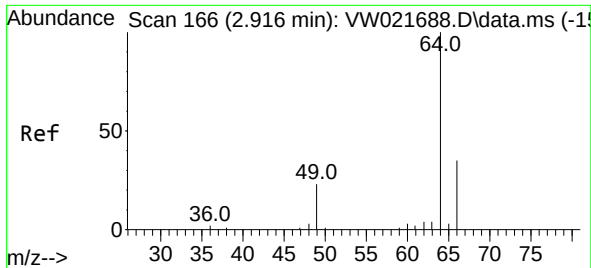
Instrument :
MSVOA_W
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122921\
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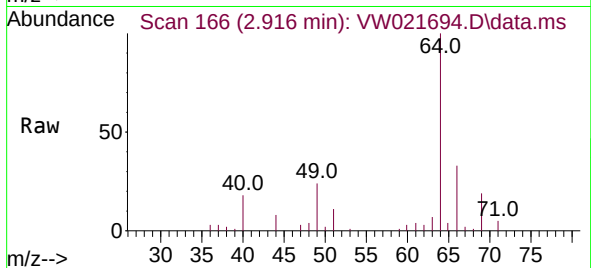
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Quant Title : SFAM01.0
QLast Update : Thu Dec 30 01:18:20 2021
Response via : Initial Calibration



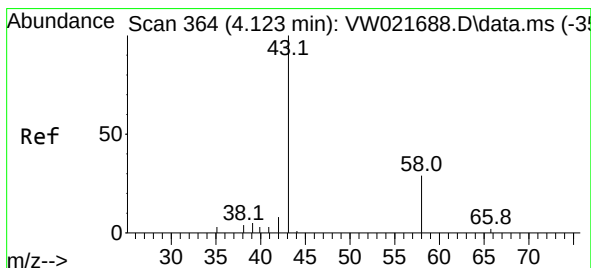
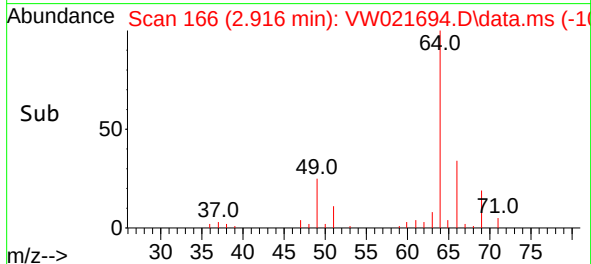
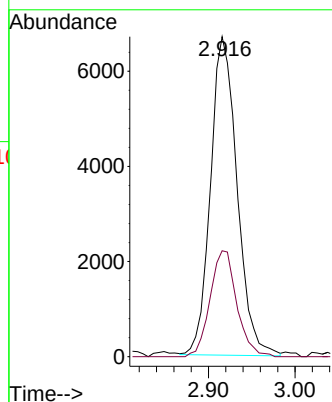


#8
Chloroethane
Concen: 12.886 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021694.D
Acq: 29 Dec 2021 17:13

Instrument :
MSVOA_W
ClientSampleId :

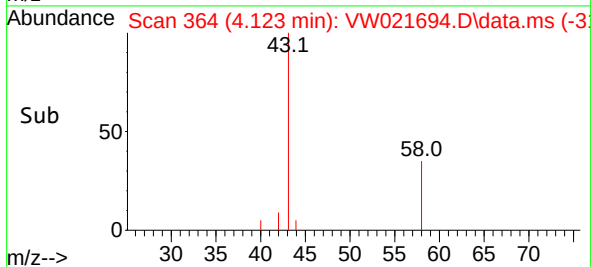
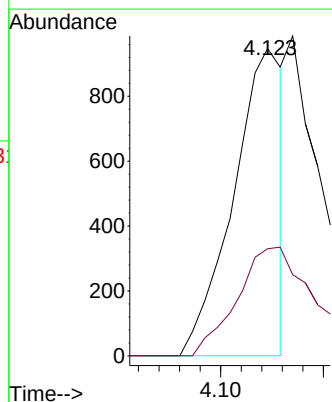
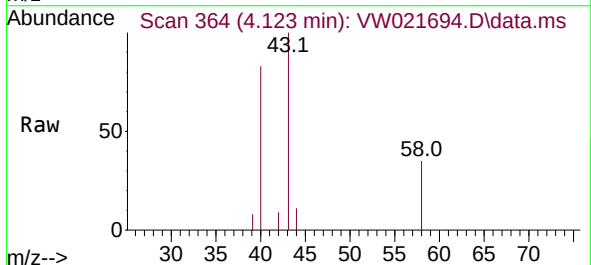


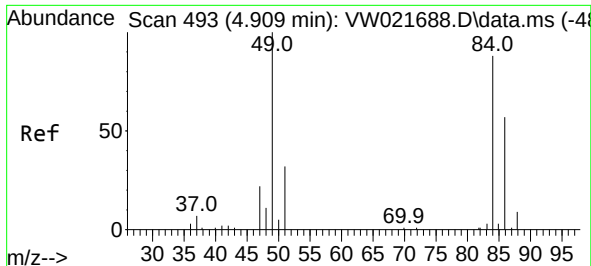
Tgt Ion: 64 Resp: 14275
Ion Ratio Lower Upper
64 100
66 33.1 22.0 40.8



#13
Acetone
Concen: 6.276 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW021694.D
Acq: 29 Dec 2021 17:13

Tgt Ion: 43 Resp: 1582
Ion Ratio Lower Upper
43 100
58 55.4 0.0 52.8#

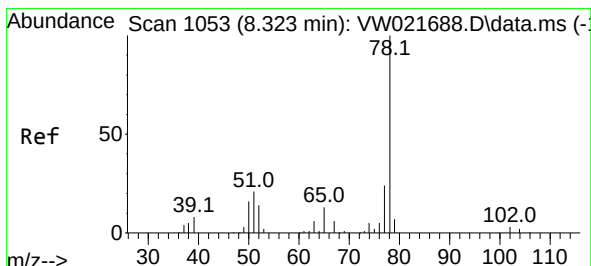
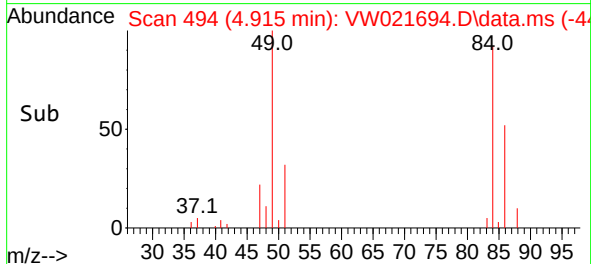
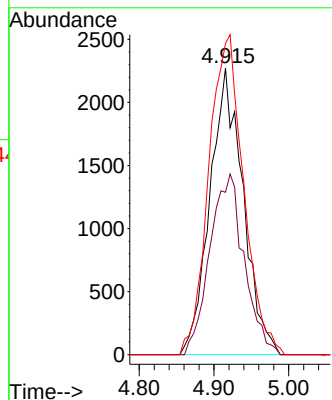
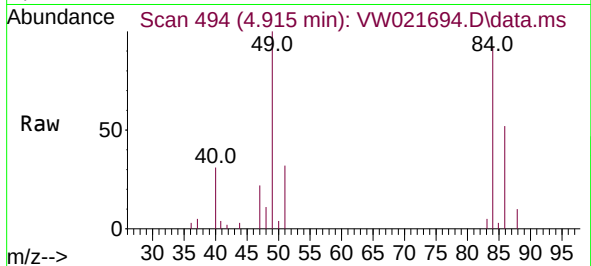




#16
Methylene chloride
Concen: 3.811 ug/L
RT: 4.915 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW021694.D
Acq: 29 Dec 2021 17:13

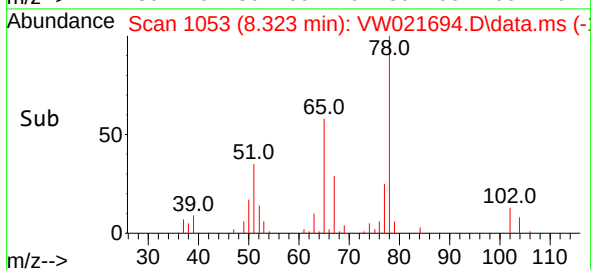
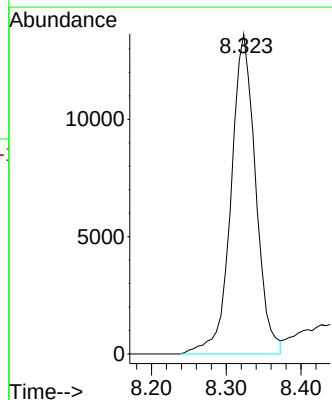
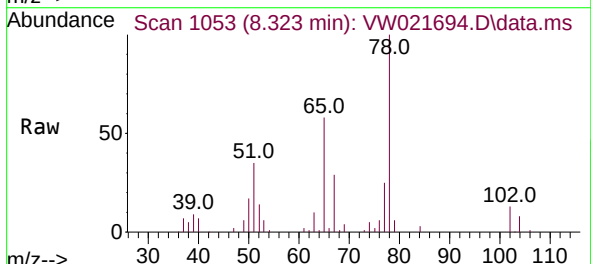
Instrument :
MSVOA_W
ClientSampleId :

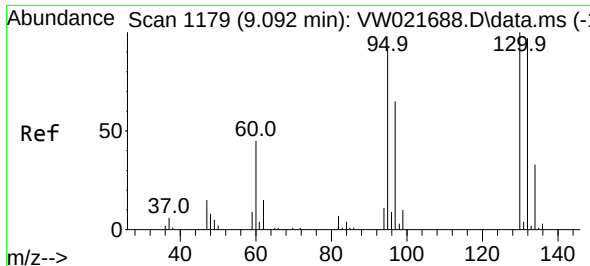
Tgt Ion: 84 Resp: 7001
Ion Ratio Lower Upper
84 100
86 56.6 45.5 84.5
49 108.5 100.5 186.7



#33
Benzene
Concen: 4.944 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021694.D
Acq: 29 Dec 2021 17:13

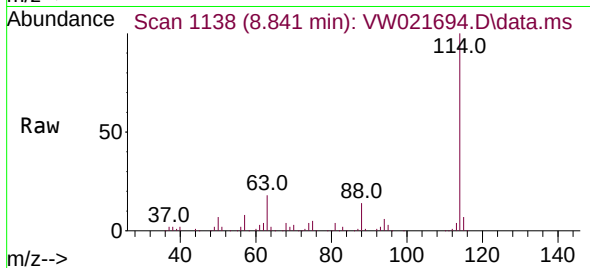
Tgt Ion: 78 Resp: 31281





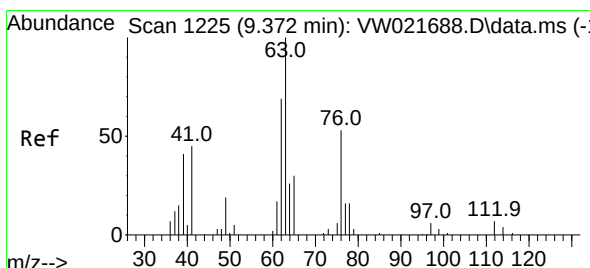
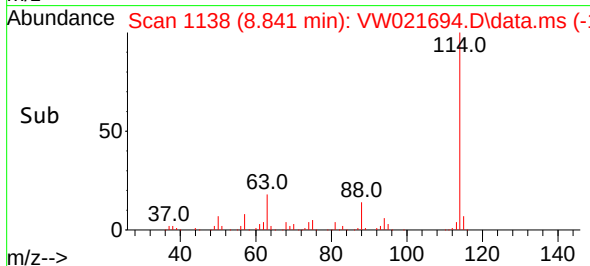
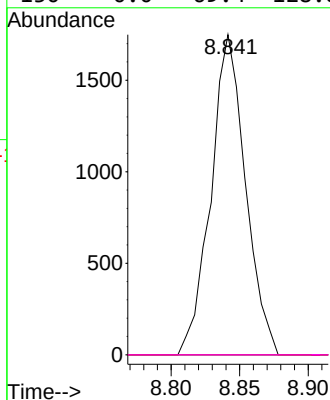
#34
 Trichloroethene
 Concen: 1.710 ug/L
 RT: 8.841 min Scan# 1179
 Delta R.T. -0.250 min
 Lab File: VW021694.D
 Acq: 29 Dec 2021 17:13

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 95 Resp: 3071

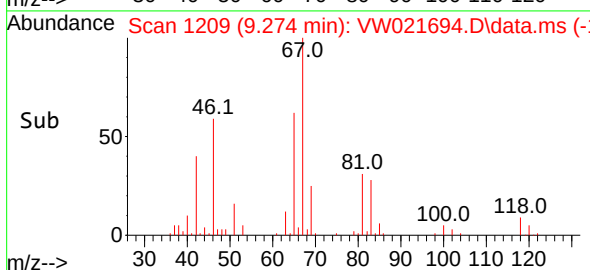
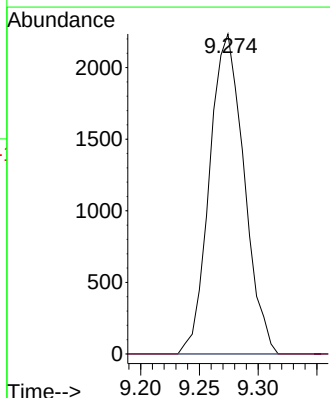
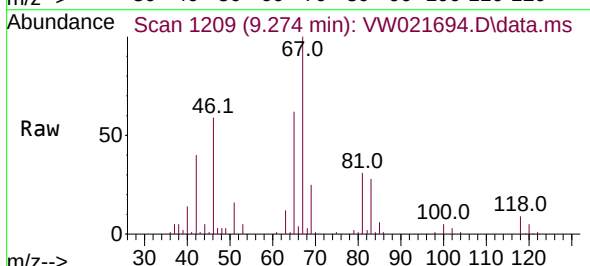
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.2#
132	0.0	65.5	121.6#
130	0.0	69.4	128.8#

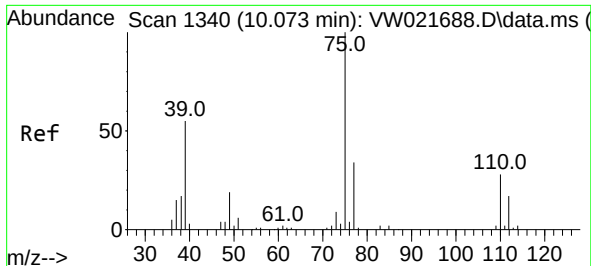


#37
 1,2-Dichloropropane
 Concen: 3.259 ug/L
 RT: 9.274 min Scan# 1209
 Delta R.T. -0.098 min
 Lab File: VW021694.D
 Acq: 29 Dec 2021 17:13

Tgt Ion: 63 Resp: 4570

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.664 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021694.D

Acq: 29 Dec 2021 17:13

Instrument :

MSVOA_W

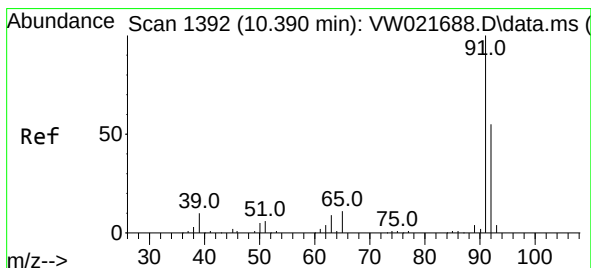
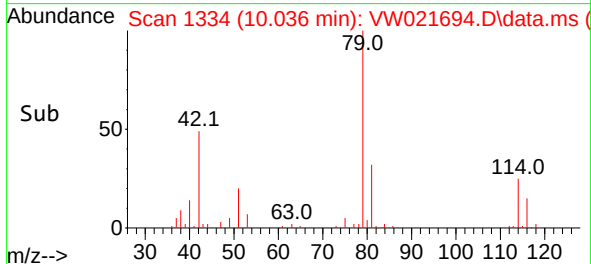
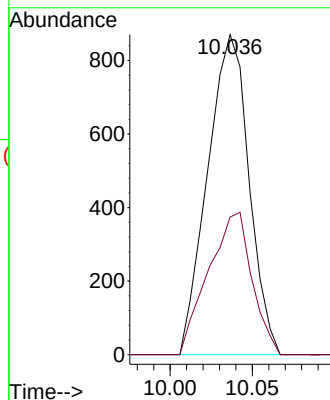
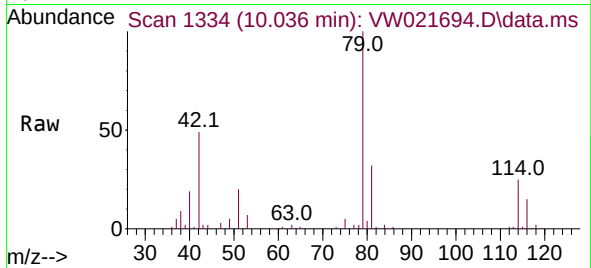
ClientSampleId :

Tgt Ion: 75 Resp: 1522

Ion Ratio Lower Upper

75 100

77 43.0 21.8 40.6#



#42

Toluene

Concen: 0.990 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW021694.D

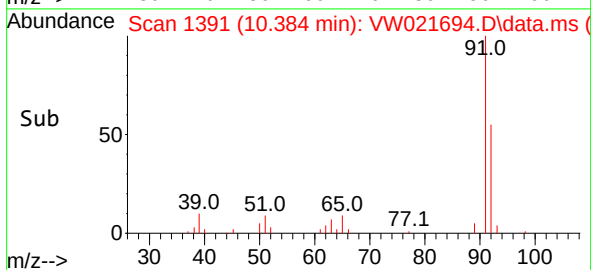
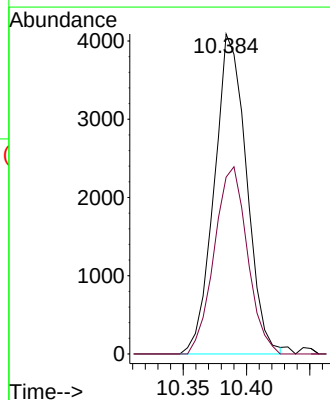
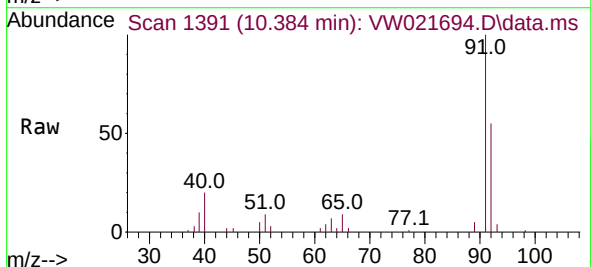
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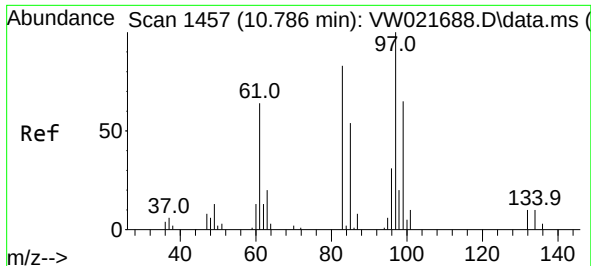
Tgt Ion: 91 Resp: 7230

Ion Ratio Lower Upper

91 100

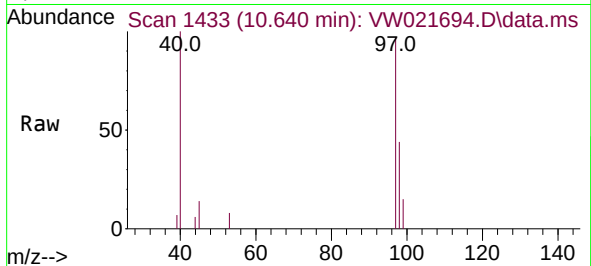
92 55.3 41.7 77.5



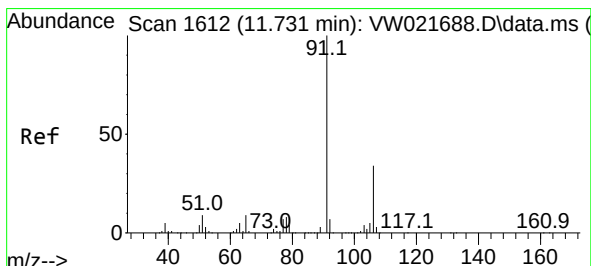
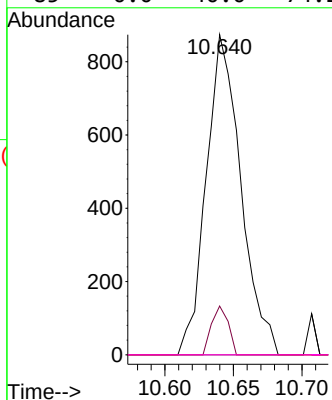
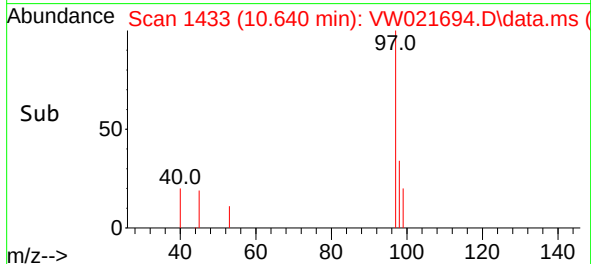


#45
1,1,2-Trichloroethane
Concen: 1.320 ug/L
RT: 10.640 min Scan# 1457
Delta R.T. -0.146 min
Lab File: VW021694.D
Acq: 29 Dec 2021 17:13

Instrument :
MSVOA_W
ClientSampleId :

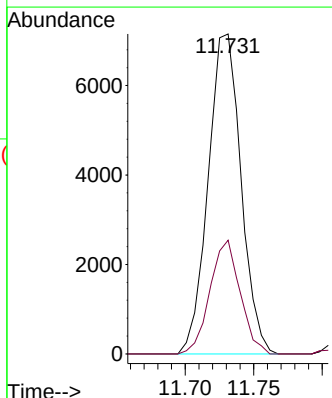
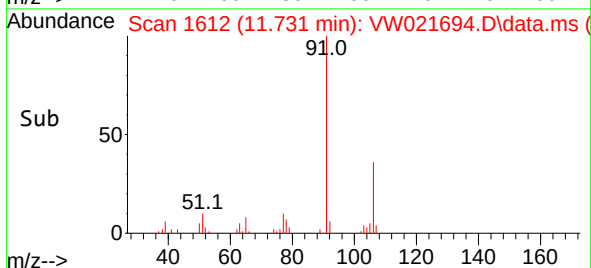
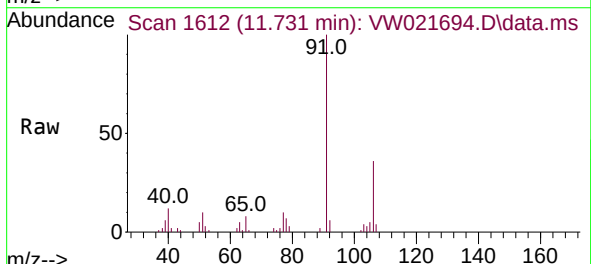


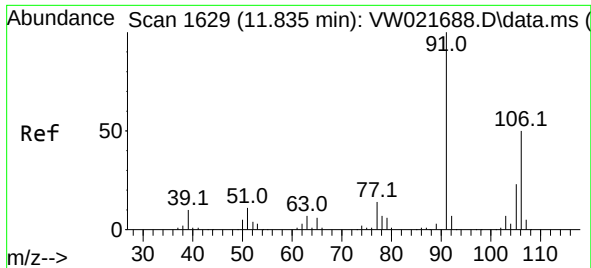
Tgt Ion: 97	Resp: 1537
Ion Ratio	Lower Upper
97 100	
99 15.2	43.0 79.8#
83 0.0	62.6 116.3#
85 0.0	40.0 74.2#



#52
Ethylbenzene
Concen: 1.455 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021694.D
Acq: 29 Dec 2021 17:13

Tgt Ion: 91	Resp: 11925
Ion Ratio	Lower Upper
91 100	
106 35.6	21.5 39.9

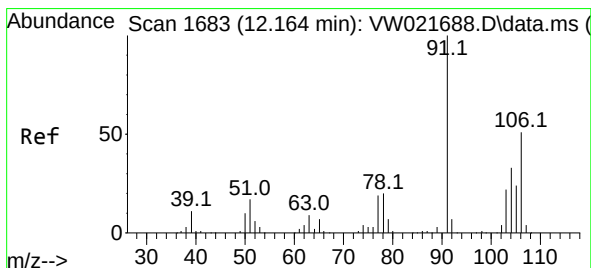
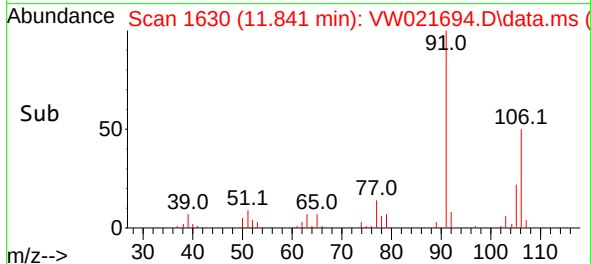
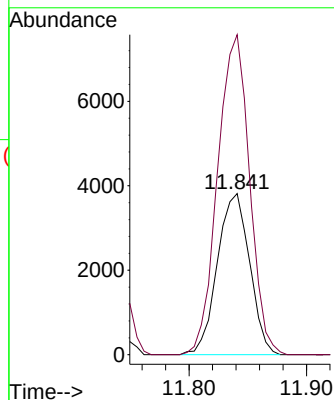
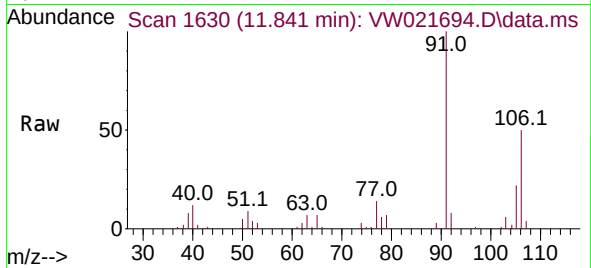




#53
m,p-Xylene
Concen: 2.217 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021694.D
Acq: 29 Dec 2021 17:13

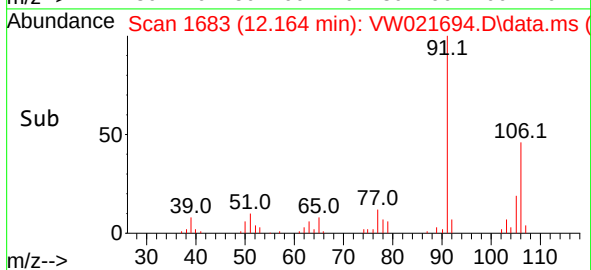
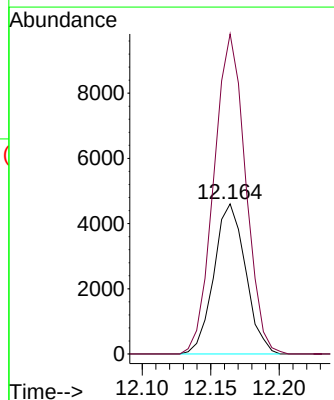
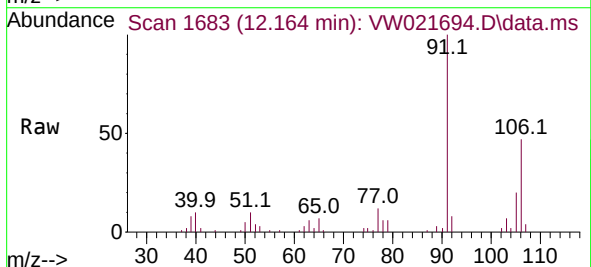
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ClientSampleId :

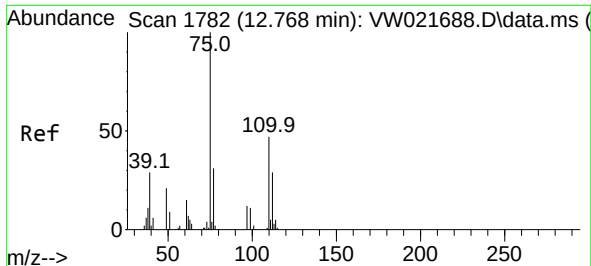
Tgt Ion:106 Resp: 7281
Ion Ratio Lower Upper
106 100
91 198.7 149.9 278.3



#54
o-Xylene
Concen: 2.376 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021694.D
Acq: 29 Dec 2021 17:13

Tgt Ion:106 Resp: 7396
Ion Ratio Lower Upper
106 100
91 213.3 153.6 285.3





#61

1,2,3-Trichloropropane

Concen: 1.020 ug/L

RT: 12.597 min Scan# 1754

Delta R.T. -0.171 min

Lab File: VW021694.D

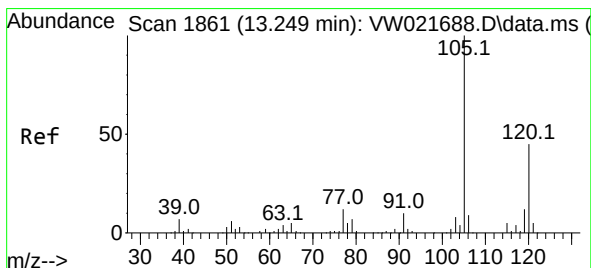
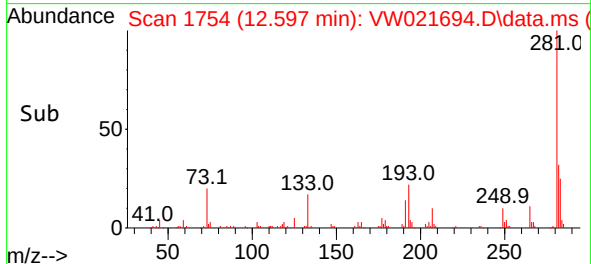
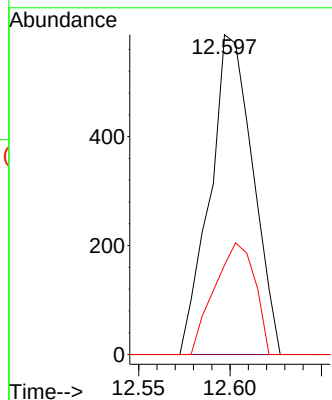
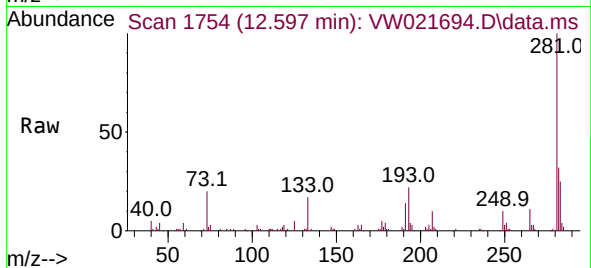
Acq: 29 Dec 2021 17:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	957
Ion Ratio	Lower	Upper	
75	100		
77	25.8	25.8	38.8#
110	32.9	29.0	43.4



#63

1,2,4-Trimethylbenzene

Concen: 2.161 ug/L

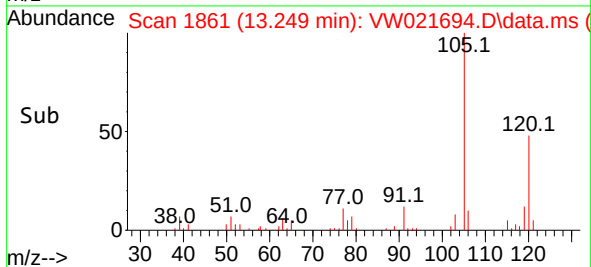
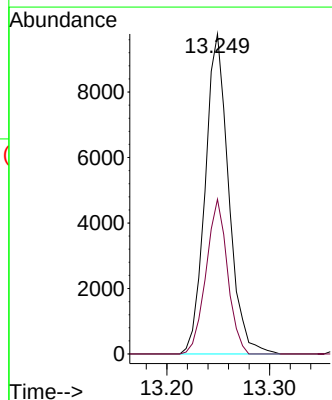
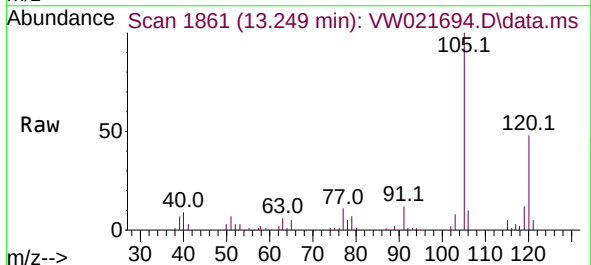
RT: 13.249 min Scan# 1861

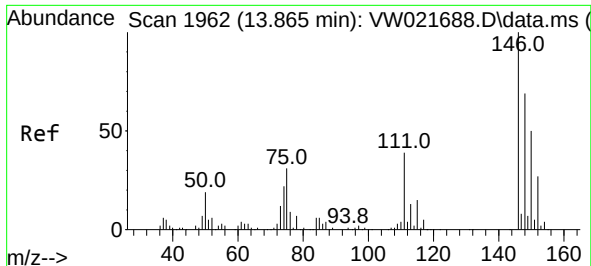
Delta R.T. -0.000 min

Lab File: VW021694.D

Acq: 29 Dec 2021 17:13

Tgt Ion:	105	Resp:	15501
Ion Ratio	Lower	Upper	
105	100		
120	44.2	35.0	52.6





#67

1,2-Dichlorobenzene

Concen: 0.962 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW021694.D

Acq: 29 Dec 2021 17:13

Instrument :

MSVOA_W

ClientSampleId :

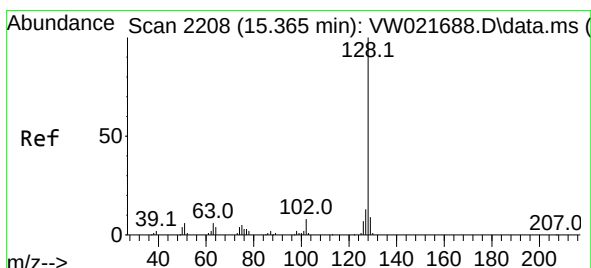
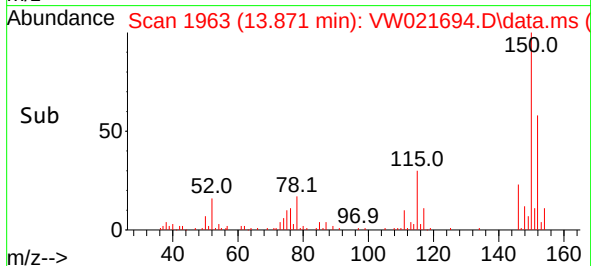
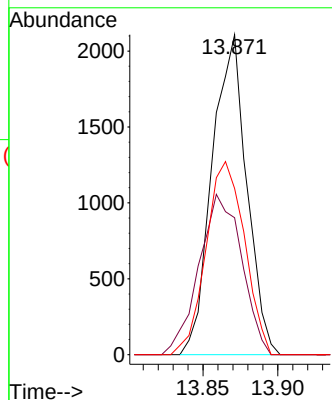
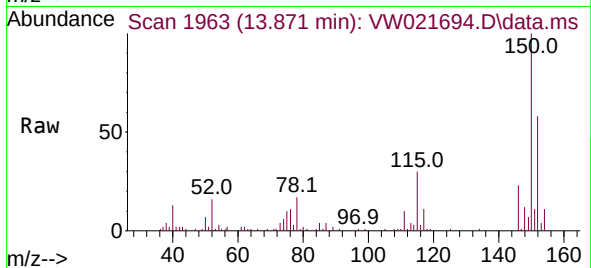
Tgt Ion:146 Resp: 3389

Ion Ratio Lower Upper

146 100

111 42.8 33.1 49.7

148 51.9 47.4 71.2



#71

Naphthalene

Concen: 3.999 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW021694.D

Acq: 29 Dec 2021 17:13

Tgt Ion:128 Resp: 15390

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.3 8.6 12.8

