

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021486.D
 Acq On : 18 Dec 2021 19:06
 Operator : SY/VA
 Sample : M5171-07
 Misc : 5.73g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 23:13:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

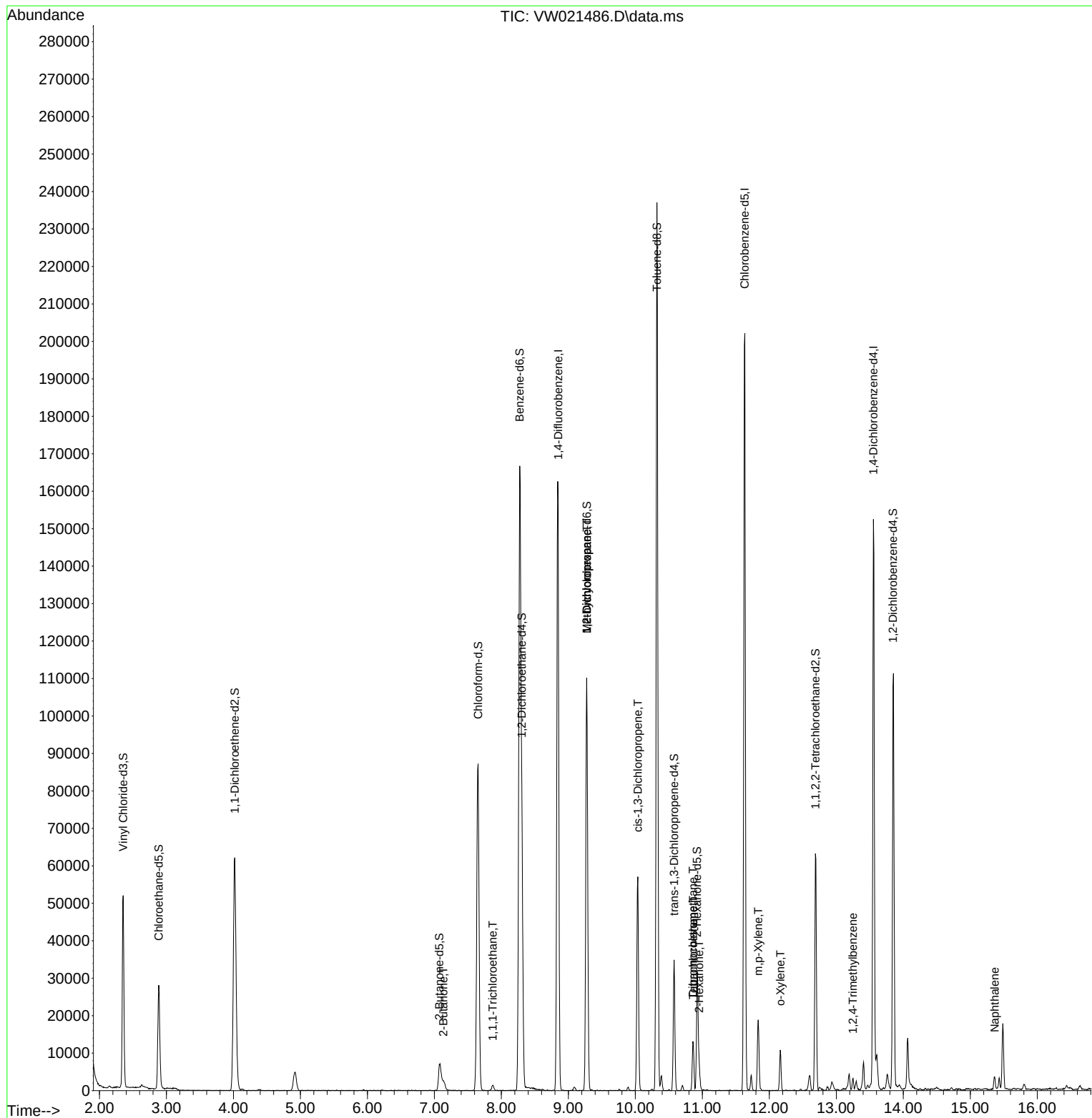
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	144079	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	117177	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	38376	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	50385	19.201	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.800%
7) Chloroethane-d5	2.885	69	31338	18.065	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.280%
11) 1,1-Dichloroethene-d2	4.019	63	59122	16.900	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.600%
21) 2-Butanone-d5	7.074	46	11595	31.347	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.700%
24) Chloroform-d	7.653	84	87598	21.817	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.280%
26) 1,2-Dichloroethane-d4	8.305	65	49196	23.034	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.120%
32) Benzene-d6	8.275	84	169990	26.466	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.880%
36) 1,2-Dichloropropane-d6	9.274	67	47337	27.481	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.920%
41) Toluene-d8	10.323	98	153105	23.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.320%
43) trans-1,3-Dichloroprop...	10.579	79	17853	22.509	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.040%
47) 2-Hexanone-d5	10.920	63	9623	37.779	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.560%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	29441	19.882	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.520%
66) 1,2-Dichlorobenzene-d4	13.847	152	30177	20.290	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.160%
Target Compounds	Qvalue					
22) 2-Butanone	7.135	43	2807	6.482	ug/L #	52
30) 1,1,1-Trichloroethane	7.872	97	1332	0.507	ug/L	93
35) Methylcyclohexane	9.274	83	12546	4.245	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	5981	4.201	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	1630	0.726	ug/L #	70
46) Tetrachloroethene	10.866	164	3042	1.787	ug/L	96
48) 2-Hexanone	10.951	43	3836	6.818	ug/L #	58
49) Dibromochloromethane	10.859	129	2704	1.882	ug/L #	10
53) m,p-Xylene	11.835	106	5733	1.666	ug/L	99
54) o-Xylene	12.164	106	2885	0.883	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1944	0.444	ug/L	98
71) Naphthalene	15.365	128	3477	1.447	ug/L	97

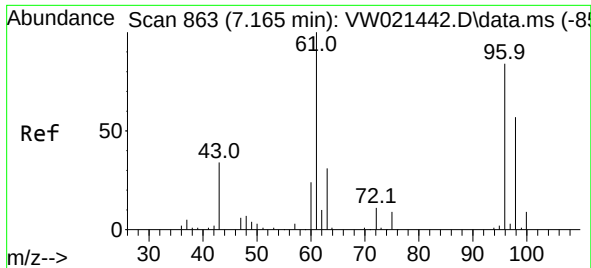
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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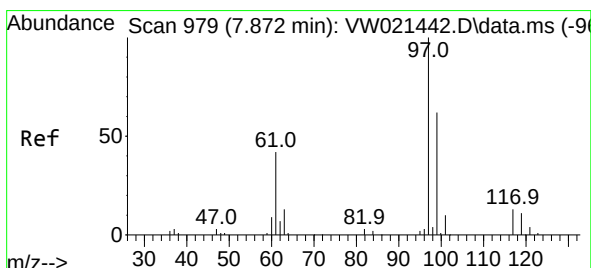
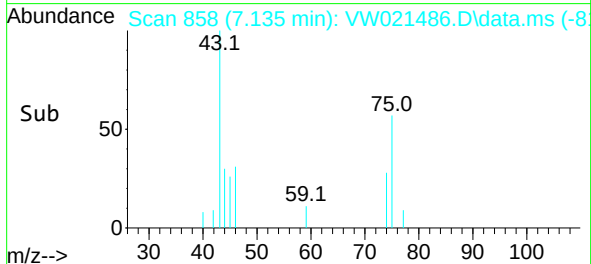
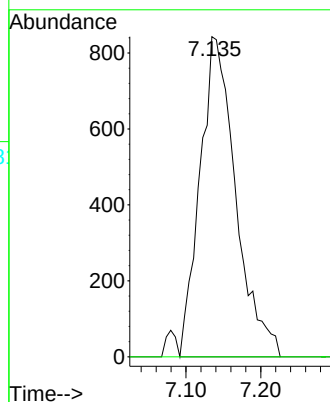
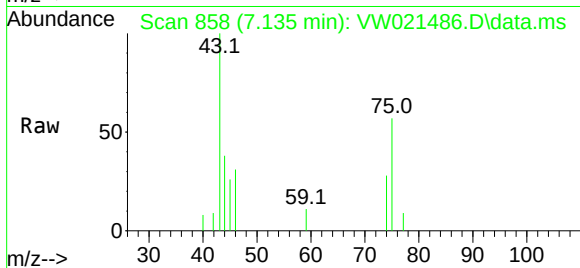




#22
2-Butanone
Concen: 6.482 ug/L
RT: 7.135 min Scan# 81
Delta R.T. -0.031 min
Lab File: VW021486.D
Acq: 18 Dec 2021 19:06

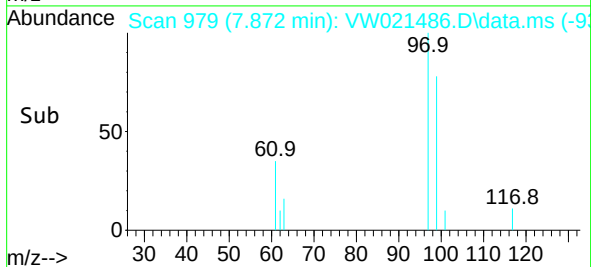
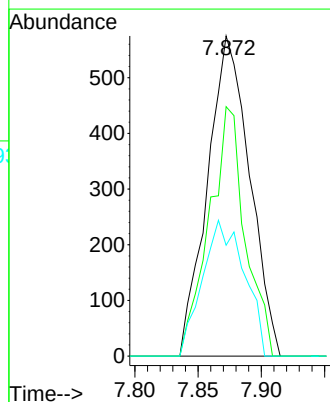
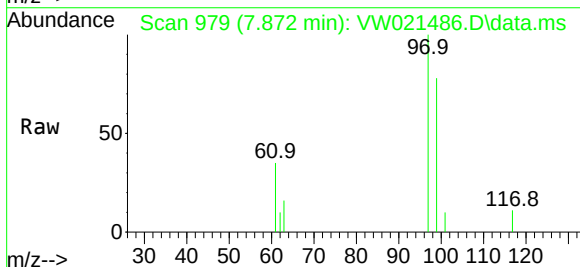
Instrument :
MSVOA_W
ClientSampleId :

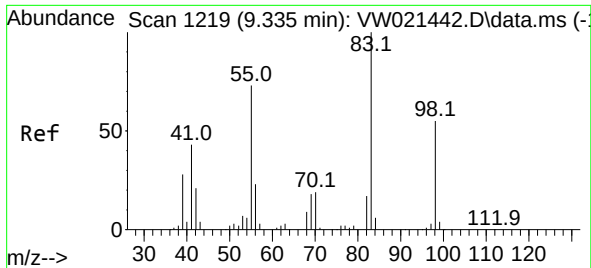
Tgt Ion: 43 Resp: 2807
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#



#30
1,1,1-Trichloroethane
Concen: 0.507 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW021486.D
Acq: 18 Dec 2021 19:06

Tgt Ion: 97 Resp: 1332
Ion Ratio Lower Upper
97 100
99 66.4 51.6 77.4
61 42.2 40.9 61.3

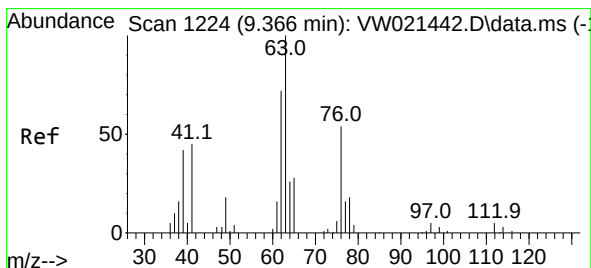
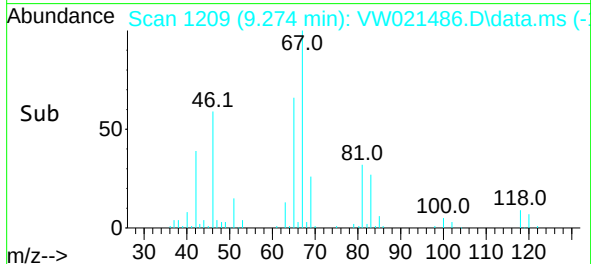
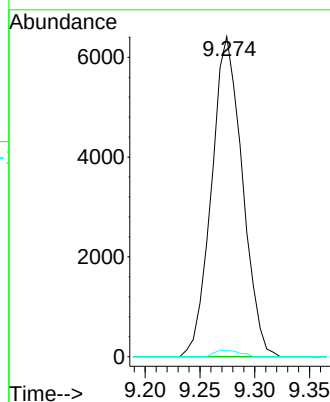
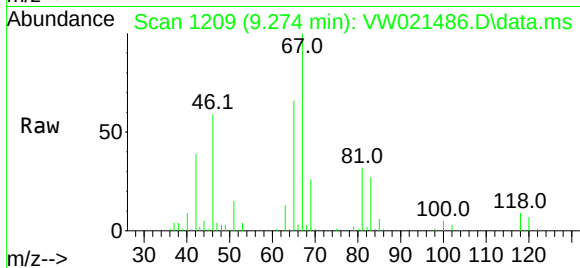




#35
Methylcyclohexane
Concen: 4.245 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021486.D
Acq: 18 Dec 2021 19:06

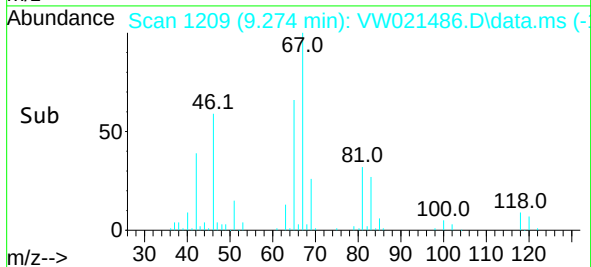
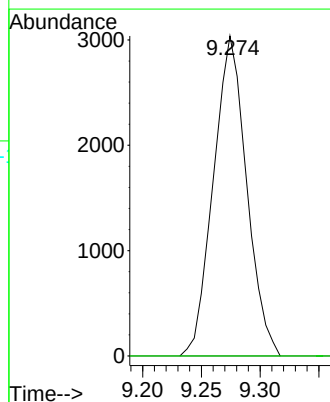
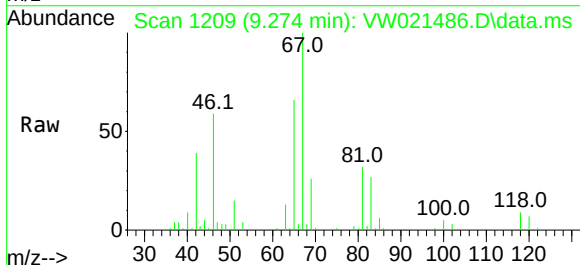
Instrument :
MSVOA_W
ClientSampleId :

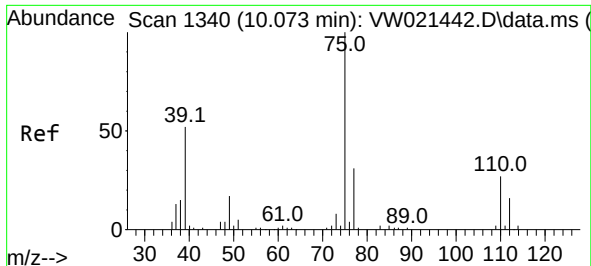
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	1.6	37.7	56.5#



#37
1,2-Dichloropropane
Concen: 4.201 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW021486.D
Acq: 18 Dec 2021 19:06

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





#39

cis-1,3-Dichloropropene

Concen: 0.726 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021486.D

Acq: 18 Dec 2021 19:06

Instrument :

MSVOA_W

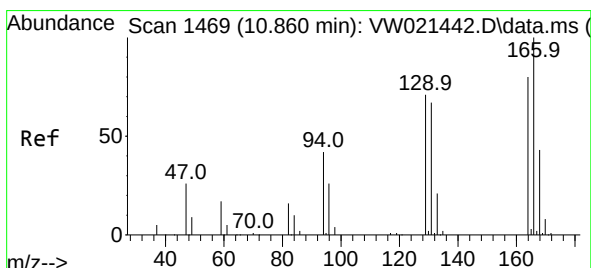
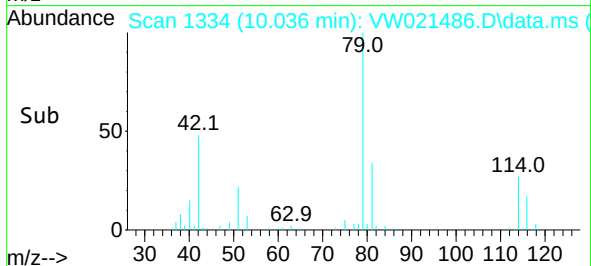
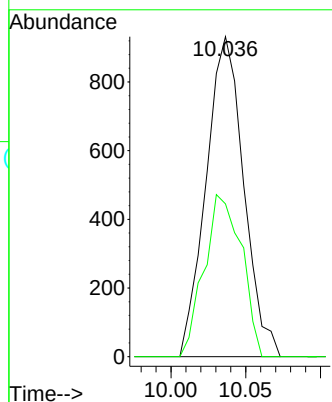
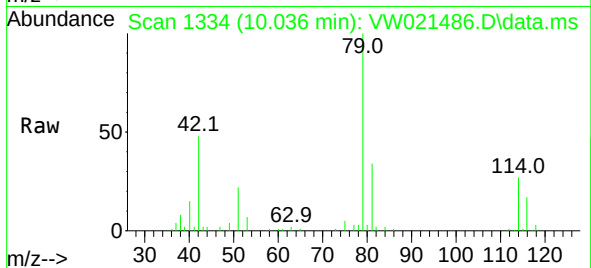
ClientSampleId :

Tgt Ion: 75 Resp: 1630

Ion Ratio Lower Upper

75 100

77 47.7 21.8 40.6#



#46

Tetrachloroethene

Concen: 1.787 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW021486.D

Acq: 18 Dec 2021 19:06

Tgt Ion:164 Resp: 3042

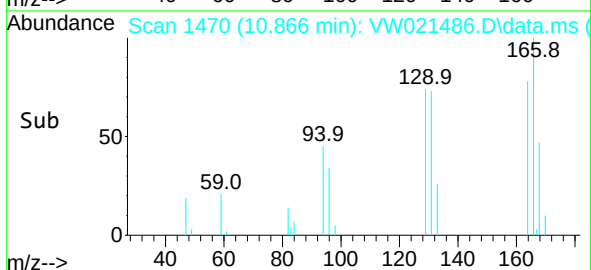
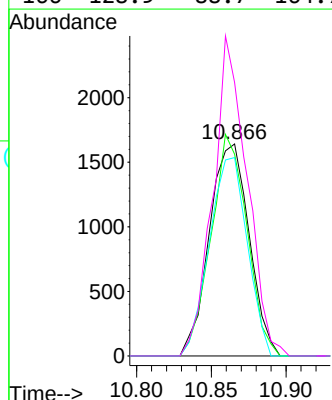
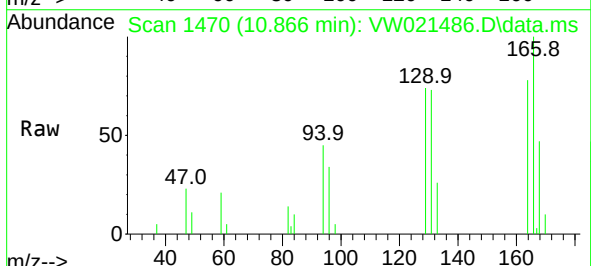
Ion Ratio Lower Upper

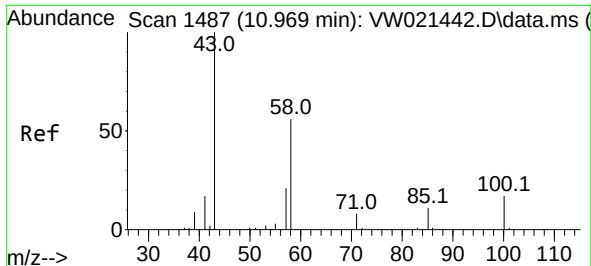
164 100

129 95.1 65.5 121.7

131 93.5 59.7 110.9

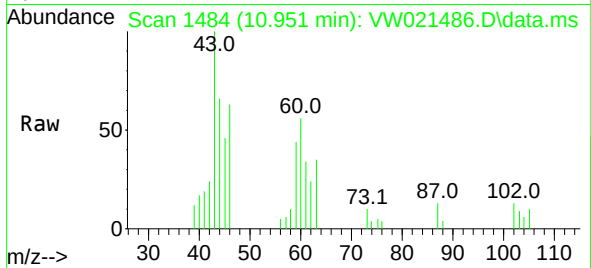
166 128.9 88.7 164.7



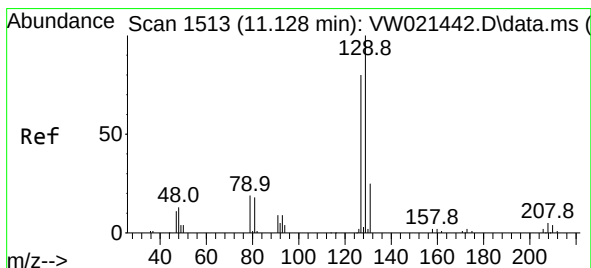
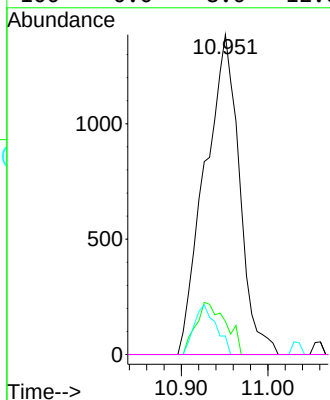
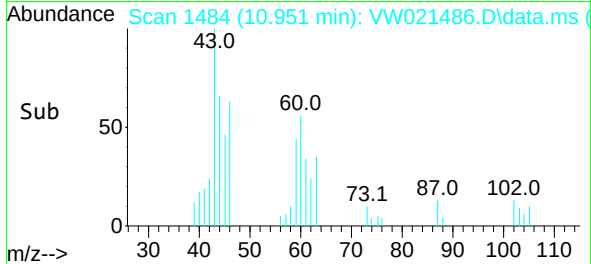


#48
2-Hexanone
Concen: 6.818 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.018 min
Lab File: VW021486.D
Acq: 18 Dec 2021 19:06

Instrument :
MSVOA_W
ClientSampleId :

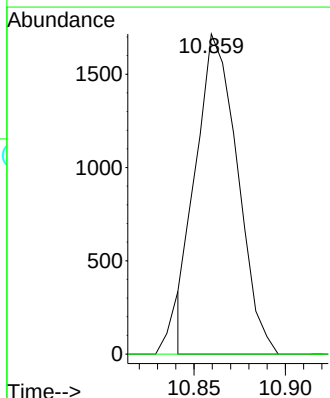
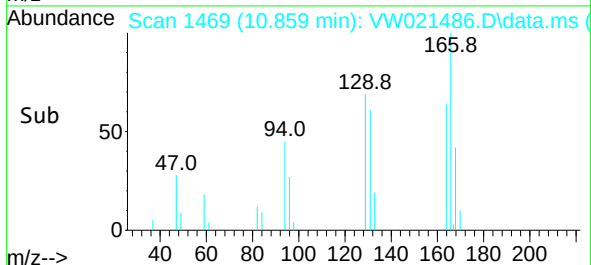
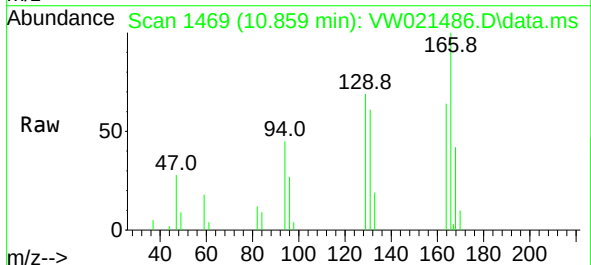


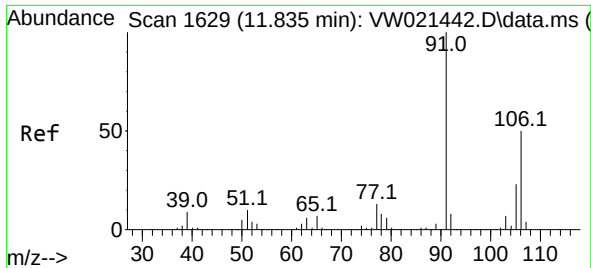
Tgt Ion: 43 Resp: 3836
Ion Ratio Lower Upper
43 100
58 13.0 40.2 60.2#
57 10.0 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 1.882 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021486.D
Acq: 18 Dec 2021 19:06

Tgt Ion: 129 Resp: 2704
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#

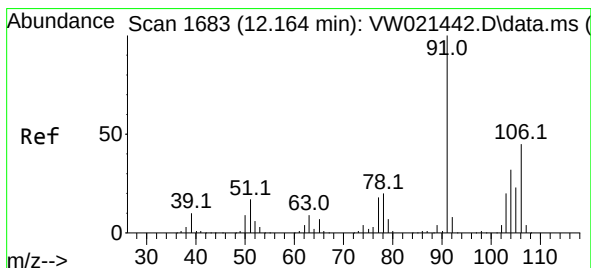
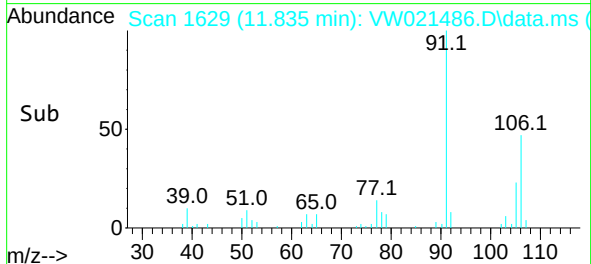
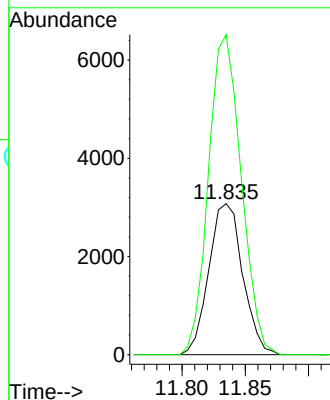
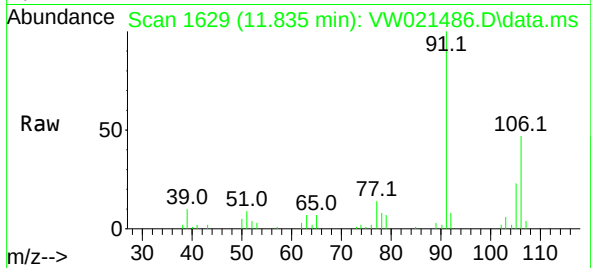




#53
m,p-Xylene
Concen: 1.666 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021486.D
Acq: 18 Dec 2021 19:06

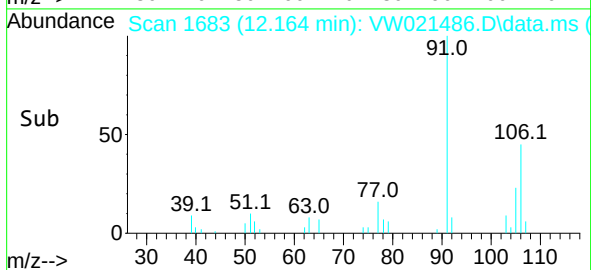
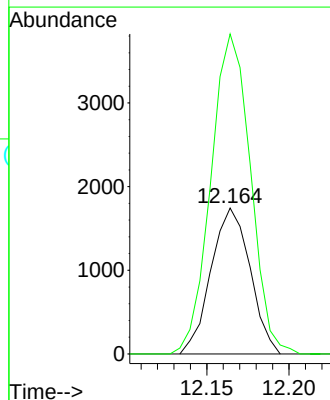
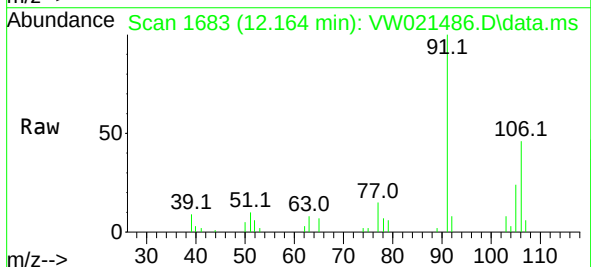
Instrument :
MSVOA_W
ClientSampleId :

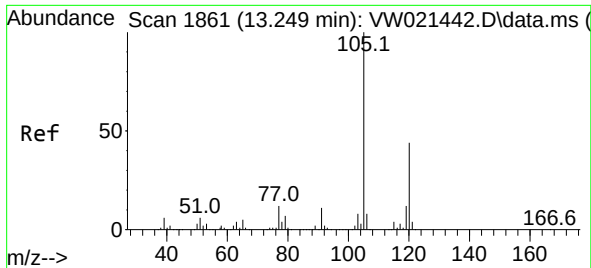
Tgt Ion:106 Resp: 5733
Ion Ratio Lower Upper
106 100
91 212.0 149.9 278.3



#54
o-Xylene
Concen: 0.883 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021486.D
Acq: 18 Dec 2021 19:06

Tgt Ion:106 Resp: 2885
Ion Ratio Lower Upper
106 100
91 219.2 153.6 285.3

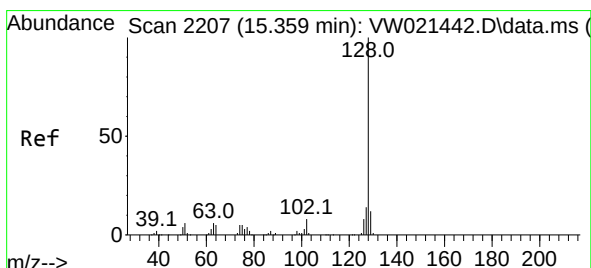
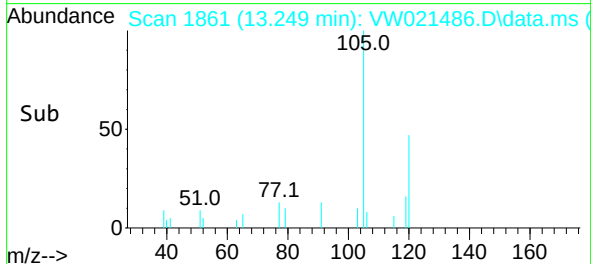
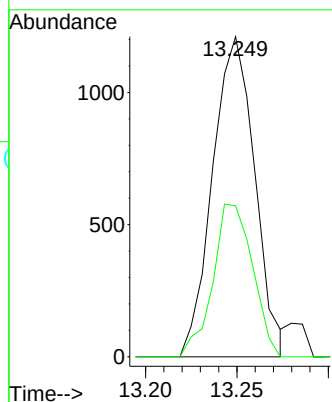
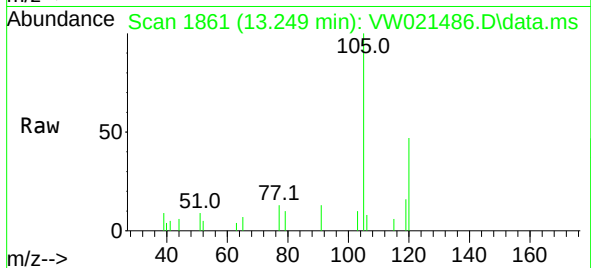




#63
1,2,4-Trimethylbenzene
Concen: 0.444 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021486.D
Acq: 18 Dec 2021 19:06

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 1944
Ion Ratio Lower Upper
105 100
120 44.9 35.0 52.6



#71
Naphthalene
Concen: 1.447 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW021486.D
Acq: 18 Dec 2021 19:06

Tgt Ion:128 Resp: 3477
Ion Ratio Lower Upper
128 100
127 12.0 10.7 16.1
129 9.7 8.6 12.8

