

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021453.D
 Acq On : 18 Dec 2021 04:28
 Operator : SY/VA
 Sample : M5121-15
 Misc : 6.89g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 05:02:28 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)

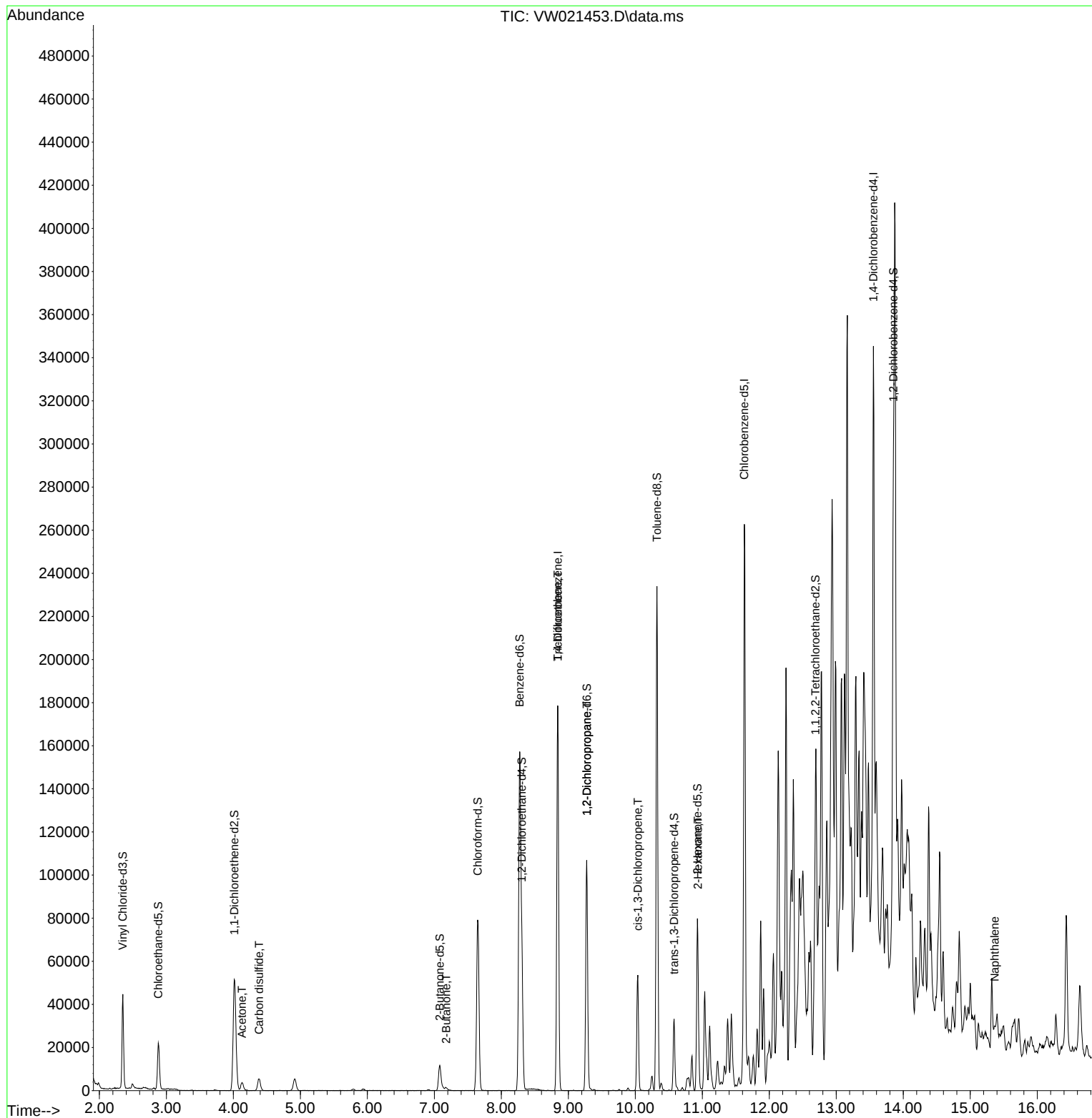
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	153008	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	148917	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	78833	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41445	14.873	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.480%
7) Chloroethane-d5	2.879	69	25044	13.595	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.360%
11) 1,1-Dichloroethene-d2	4.013	63	49589	13.348	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.400%
21) 2-Butanone-d5	7.080	46	20067	51.086	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.180%
24) Chloroform-d	7.647	84	82607	19.373	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.480%
26) 1,2-Dichloroethane-d4	8.305	65	47897	21.117	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.480%
32) Benzene-d6	8.275	84	161303	19.761	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.040%
36) 1,2-Dichloropropane-d6	9.274	67	46162	21.087	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.360%
41) Toluene-d8	10.323	98	157328	18.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.440%
43) trans-1,3-Dichloroprop...	10.579	79	17742	17.602	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.400%
47) 2-Hexanone-d5	10.927	63	16906	52.225	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.460%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	39321	20.895	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	51765	16.943	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.760%#
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	7055	20.034	ug/L	96
14) Carbon disulfide	4.385	76	12452	2.542	ug/L	99
22) 2-Butanone	7.177	43	1977	4.299	ug/L	92
34) Trichloroethene	8.842	95	4901	2.152	ug/L #	5
37) 1,2-Dichloropropane	9.274	63	5756	3.181	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1530	0.536	ug/L #	47
48) 2-Hexanone	10.933	43	15349	21.467	ug/L #	29
71) Naphthalene	15.365	128	9208	1.866	ug/L	95

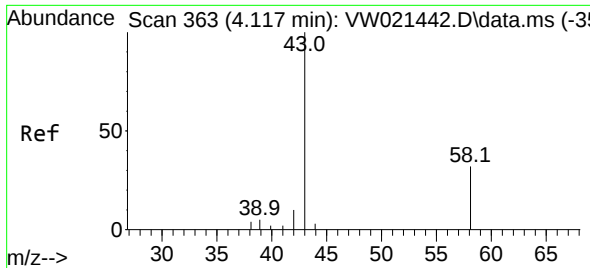
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration





#13

Acetone

Concen: 20.034 ug/L

RT: 4.129 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW021453.D

Acq: 18 Dec 2021 04:28

Instrument :

MSVOA_W

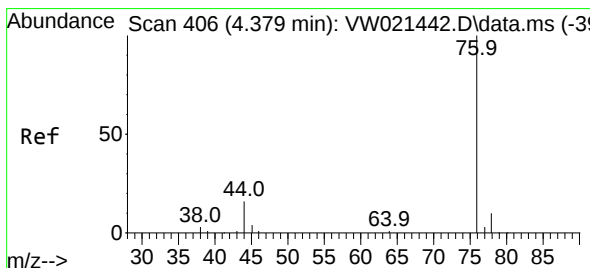
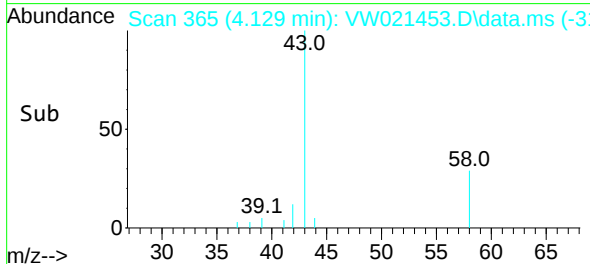
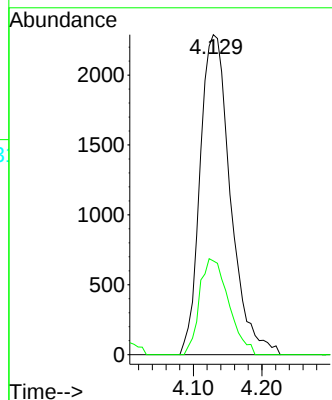
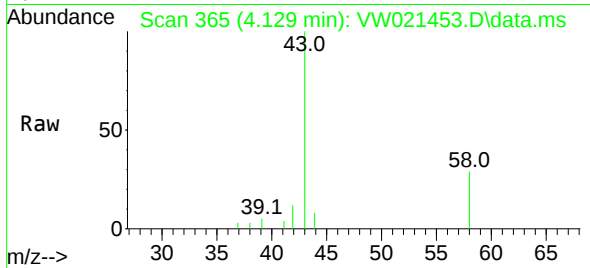
ClientSampleId :

Tgt Ion: 43 Resp: 7055

Ion Ratio Lower Upper

43 100

58 28.6 0.0 52.8



#14

Carbon disulfide

Concen: 2.542 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.006 min

Lab File: VW021453.D

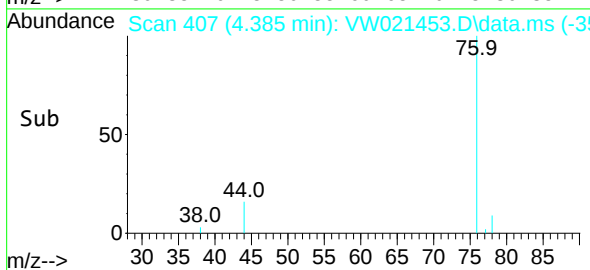
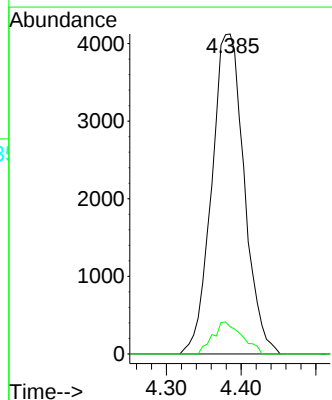
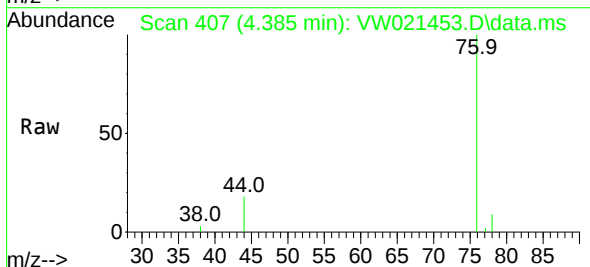
Acq: 18 Dec 2021 04:28

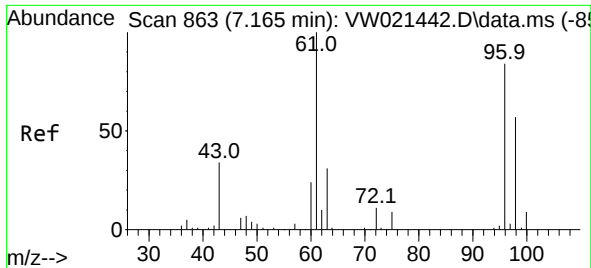
Tgt Ion: 76 Resp: 12452

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7

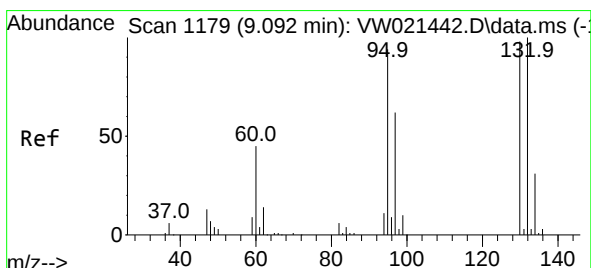
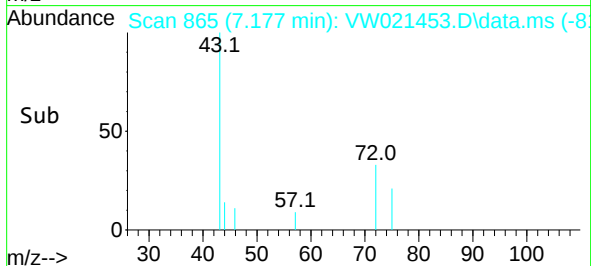
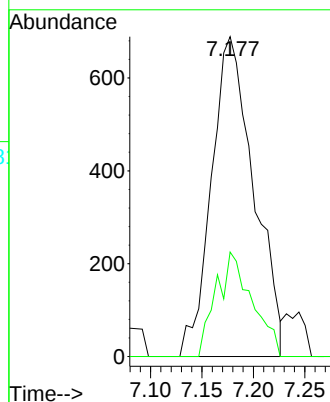
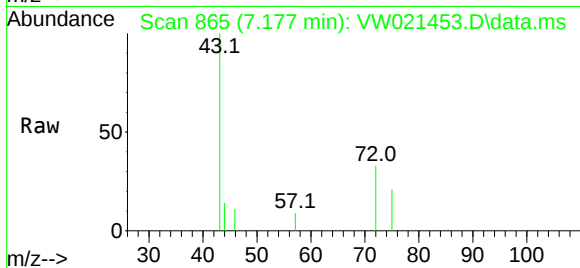




#22
2-Butanone
Concen: 4.299 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW021453.D
Acq: 18 Dec 2021 04:28

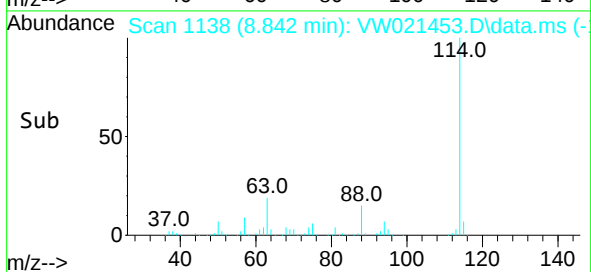
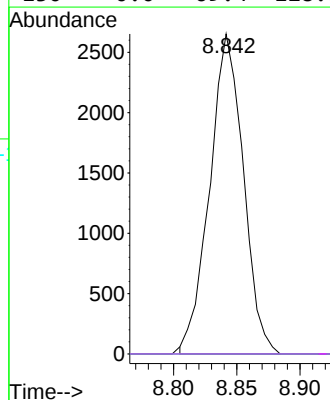
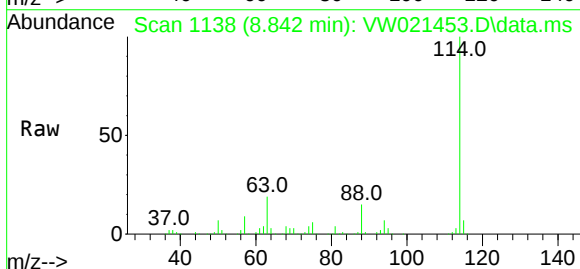
Instrument :
MSVOA_W
ClientSampleId :

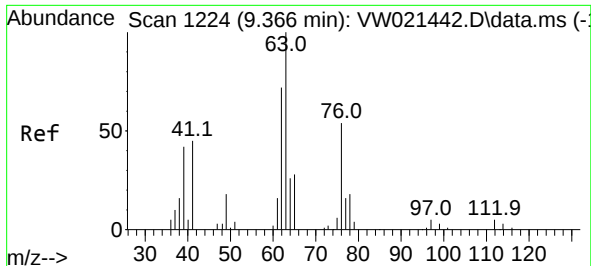
Tgt Ion: 43 Resp: 1977
Ion Ratio Lower Upper
43 100
72 27.7 11.8 35.4



#34
Trichloroethene
Concen: 2.152 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW021453.D
Acq: 18 Dec 2021 04:28

Tgt Ion: 95 Resp: 4901
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: 3.181 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021453.D

Acq: 18 Dec 2021 04:28

Instrument :

MSVOA_W

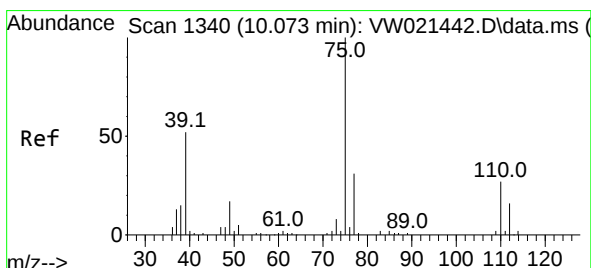
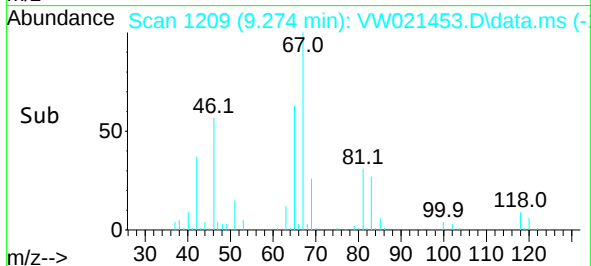
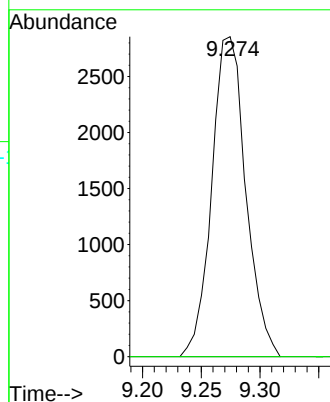
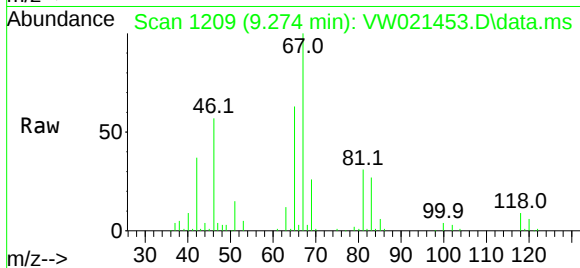
ClientSampleId :

Tgt Ion: 63 Resp: 5756

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.536 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021453.D

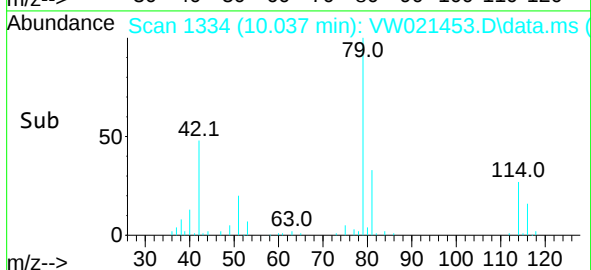
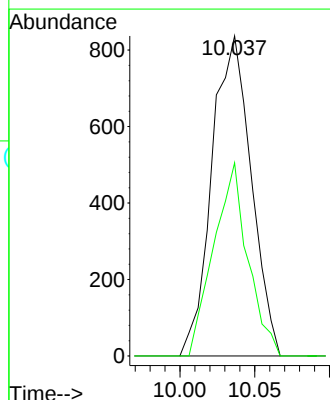
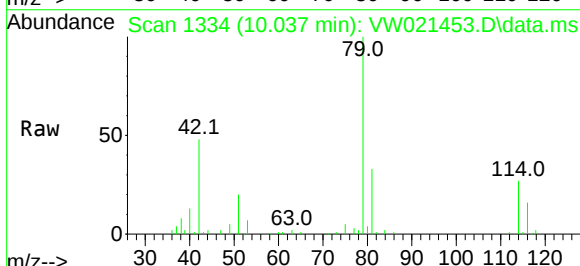
Acq: 18 Dec 2021 04:28

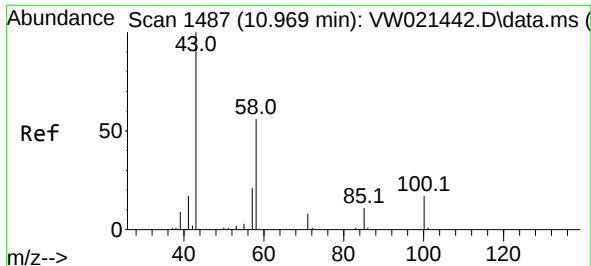
Tgt Ion: 75 Resp: 1530

Ion Ratio Lower Upper

75 100

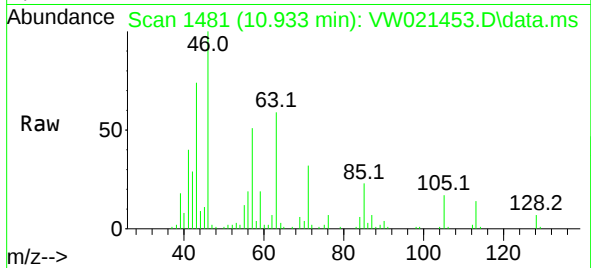
77 60.3 21.8 40.6#



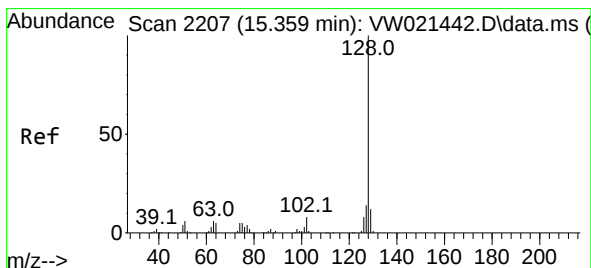
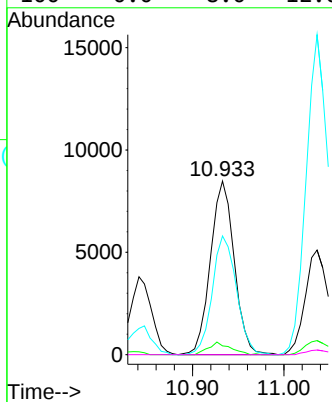
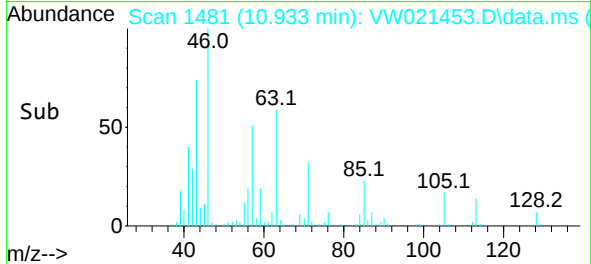


#48
2-Hexanone
Concen: 21.467 ug/L
RT: 10.933 min Scan# 1481
Delta R.T. -0.037 min
Lab File: VW021453.D
Acq: 18 Dec 2021 04:28

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 15349
Ion Ratio Lower Upper
43 100
58 6.6 40.2 60.2#
57 69.5 14.3 21.5#
100 0.0 8.0 12.0#



#71
Naphthalene
Concen: 1.866 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW021453.D
Acq: 18 Dec 2021 04:28

Tgt Ion:128 Resp: 9208
Ion Ratio Lower Upper
128 100
127 16.0 10.7 16.1
129 11.6 8.6 12.8

