

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021457.D
 Acq On : 18 Dec 2021 06:04
 Operator : SY/VA
 Sample : M5153-10
 Misc : 5.80g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 23:09:39 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)

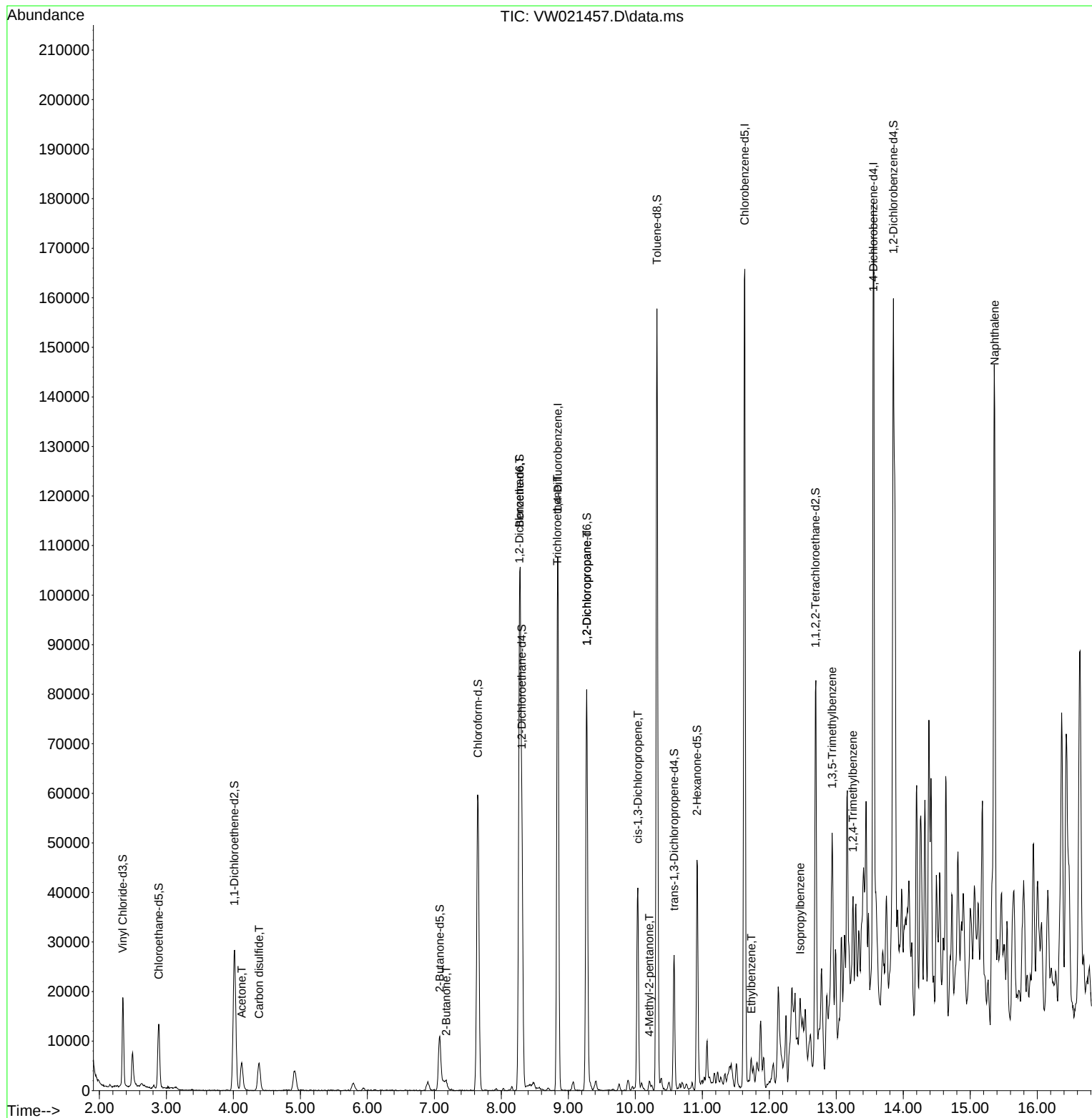
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	94998	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	96660	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	44936	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	17089	9.877	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	39.520%
7) Chloroethane-d5	2.885	69	15170	13.263	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.040%
11) 1,1-Dichloroethene-d2	4.013	63	26825	11.630	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.520%
21) 2-Butanone-d5	7.080	46	19069	78.189	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.380%#
24) Chloroform-d	7.653	84	60930	23.015	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.080%
26) 1,2-Dichloroethane-d4	8.305	65	40379	28.674	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.680%
32) Benzene-d6	8.275	84	108427	20.465	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.840%
36) 1,2-Dichloropropane-d6	9.274	67	35460	24.955	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.840%
41) Toluene-d8	10.323	98	102898	19.008	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.040%
43) trans-1,3-Dichloroprop...	10.579	79	14586	22.294	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.160%
47) 2-Hexanone-d5	10.920	63	15571	74.106	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.220%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32748	26.810	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	33368	19.160	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.640%
Target Compounds						Qvalue
13) Acetone	4.123	43	9836	44.988	ug/L	90
14) Carbon disulfide	4.385	76	11801	3.881	ug/L	96
22) 2-Butanone	7.177	43	3039	10.644	ug/L	97
27) 1,2-Dichloroethane	8.269	62	760	0.517	ug/L #	77
34) Trichloroethene	8.835	95	2905	1.965	ug/L #	5
37) 1,2-Dichloropropane	9.274	63	4531	3.858	ug/L #	93
39) cis-1,3-Dichloropropene	10.037	75	1201	0.649	ug/L #	70
40) 4-Methyl-2-pentanone	10.207	43	1306	2.041	ug/L	98
52) Ethylbenzene	11.731	91	4248	0.604	ug/L	98
60) Isopropylbenzene	12.463	105	5556	0.910	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	4566	0.879	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	14570	2.843	ug/L	98
71) Naphthalene	15.365	128	106335	37.803	ug/L	98

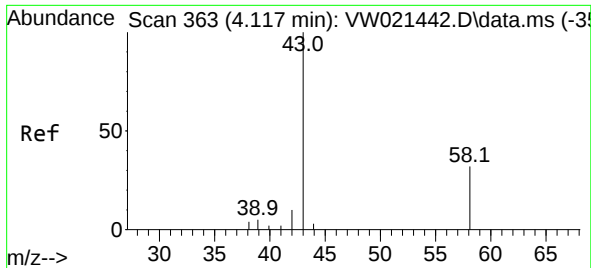
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 44.988 ug/L

RT: 4.123 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW021457.D

Acq: 18 Dec 2021 06:04

Instrument :

MSVOA_W

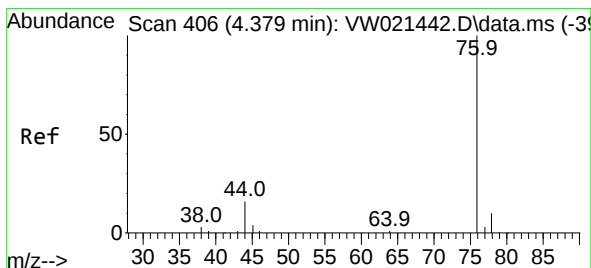
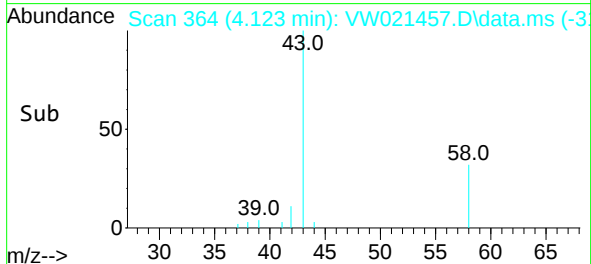
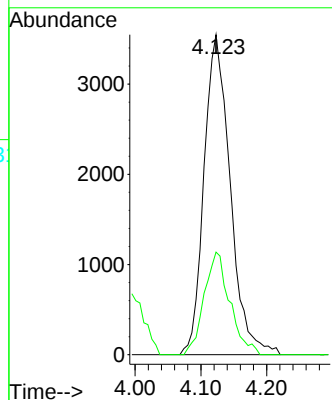
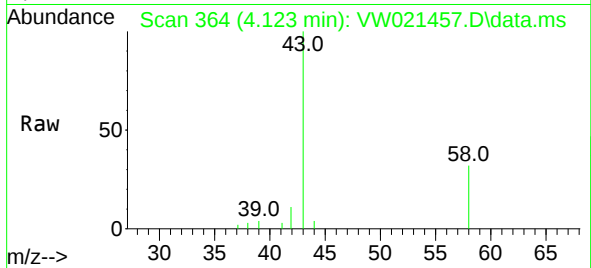
ClientSampleId :

Tgt Ion: 43 Resp: 9836

Ion Ratio Lower Upper

43 100

58 31.5 0.0 52.8



#14

Carbon disulfide

Concen: 3.881 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.006 min

Lab File: VW021457.D

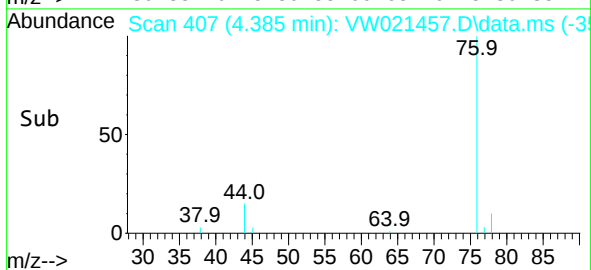
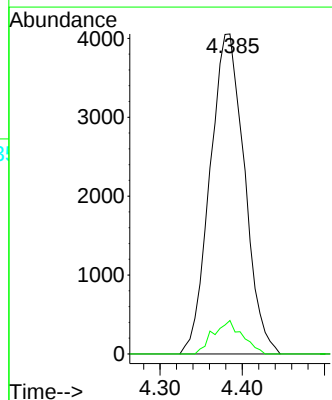
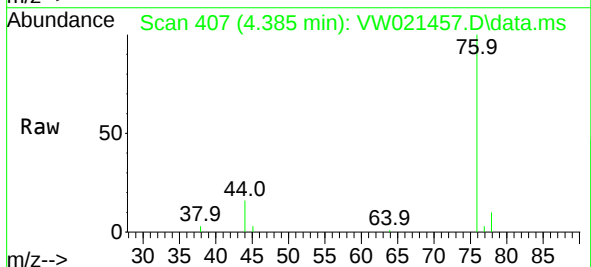
Acq: 18 Dec 2021 06:04

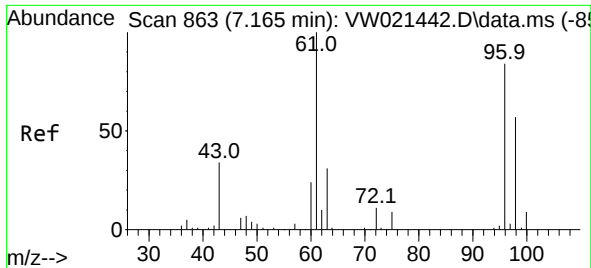
Tgt Ion: 76 Resp: 11801

Ion Ratio Lower Upper

76 100

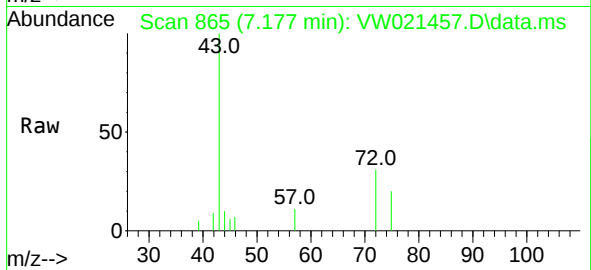
78 10.5 7.1 10.7



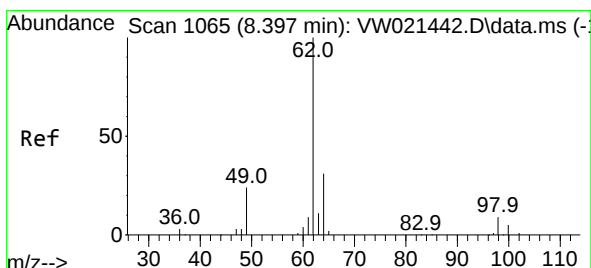
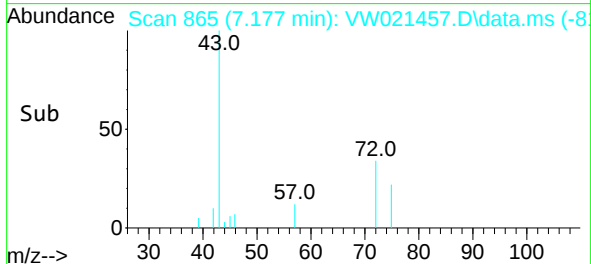
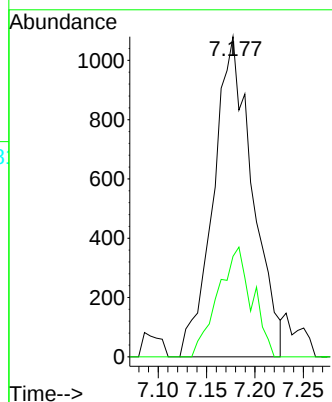


#22
2-Butanone
Concen: 10.644 ug/L
RT: 7.177 min Scan# 80
Delta R.T. 0.012 min
Lab File: VW021457.D
Acq: 18 Dec 2021 06:04

Instrument :
MSVOA_W
ClientSampleId :

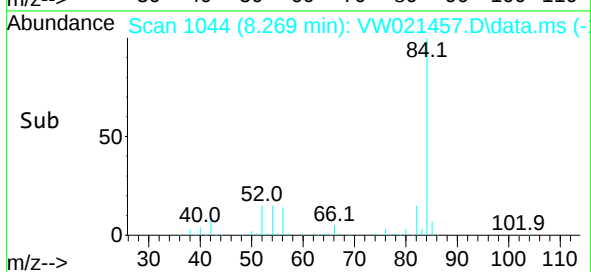
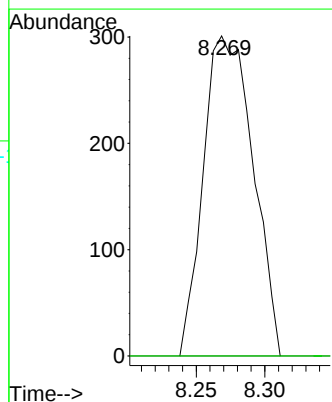
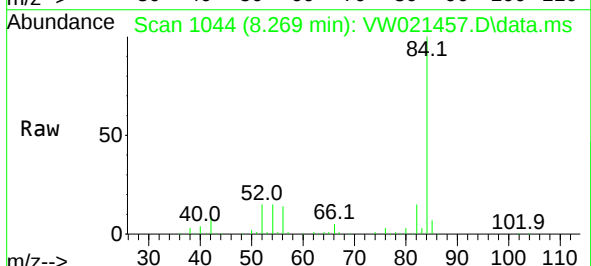


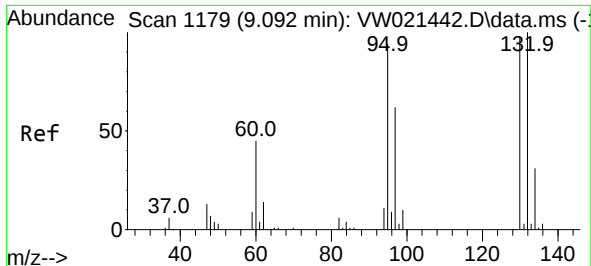
Tgt Ion: 43 Resp: 3039
Ion Ratio Lower Upper
43 100
72 25.2 11.8 35.4



#27
1,2-Dichloroethane
Concen: 0.517 ug/L
RT: 8.269 min Scan# 1044
Delta R.T. -0.128 min
Lab File: VW021457.D
Acq: 18 Dec 2021 06:04

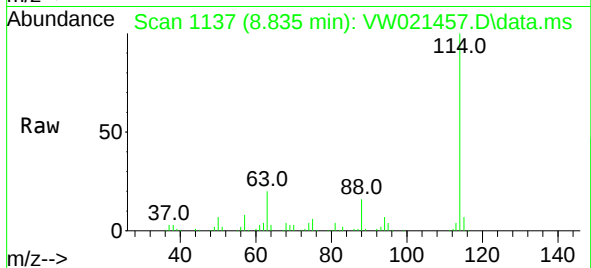
Tgt Ion: 62 Resp: 760
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7#



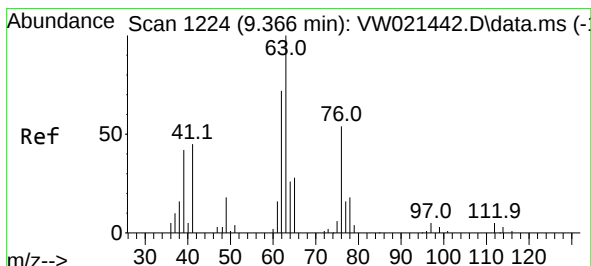
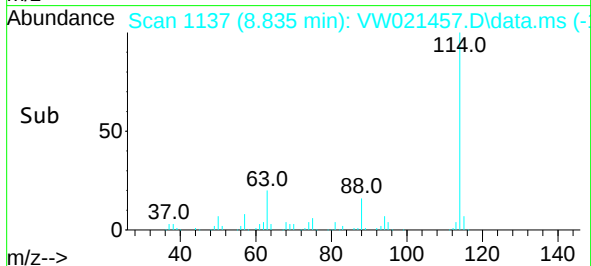
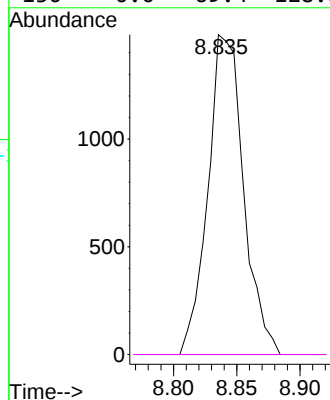


#34
Trichloroethene
Concen: 1.965 ug/L
RT: 8.835 min Scan# 1179
Delta R.T. -0.256 min
Lab File: VW021457.D
Acq: 18 Dec 2021 06:04

Instrument :
MSVOA_W
ClientSampleId :

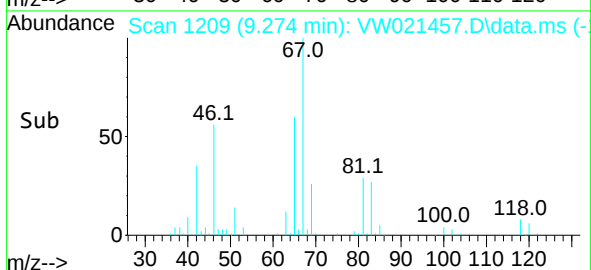
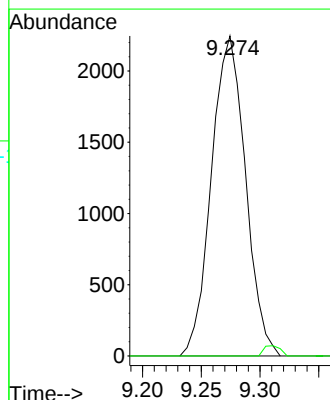
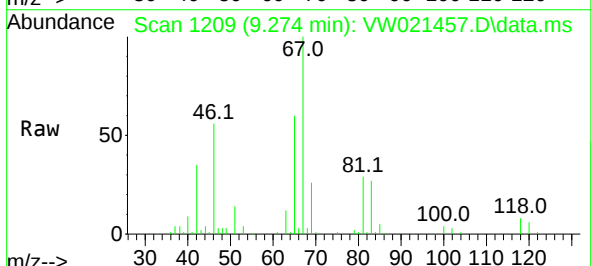


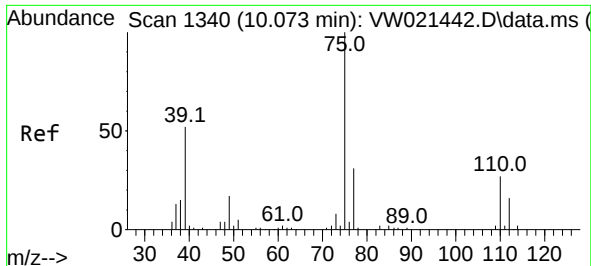
Tgt Ion: 95 Resp: 2905
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#



#37
1,2-Dichloropropane
Concen: 3.858 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021457.D
Acq: 18 Dec 2021 06:04

Tgt Ion: 63 Resp: 4531
Ion Ratio Lower Upper
63 100
112 1.6 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.649 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021457.D

Acq: 18 Dec 2021 06:04

Instrument :

MSVOA_W

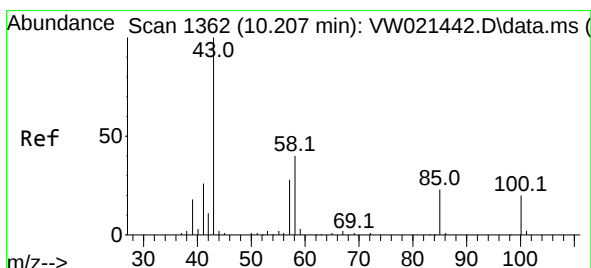
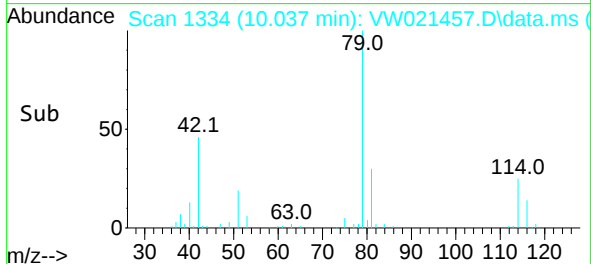
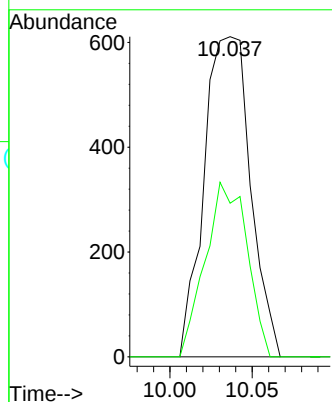
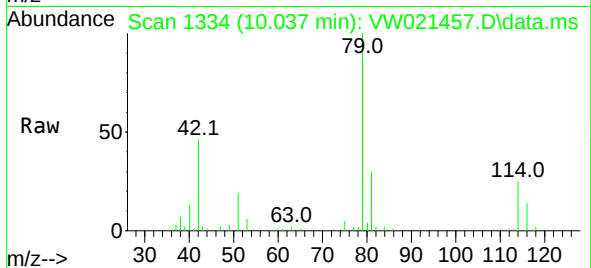
ClientSampleId :

Tgt Ion: 75 Resp: 1201

Ion Ratio Lower Upper

75 100

77 48.0 21.8 40.6#



#40

4-Methyl-2-pentanone

Concen: 2.041 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021457.D

Acq: 18 Dec 2021 06:04

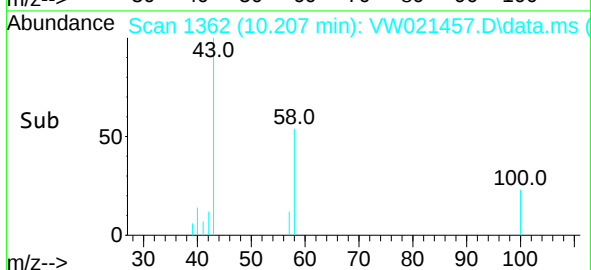
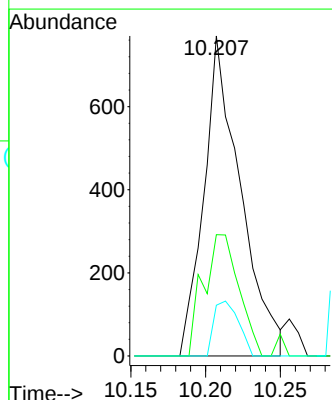
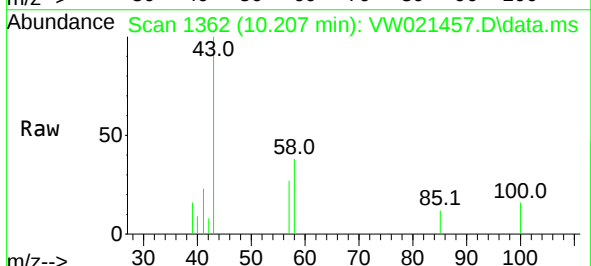
Tgt Ion: 43 Resp: 1306

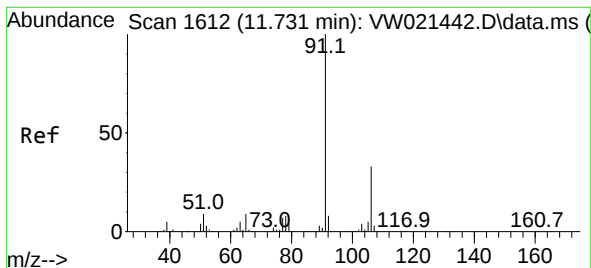
Ion Ratio Lower Upper

43 100

58 36.8 28.8 43.2

100 11.6 10.0 15.0

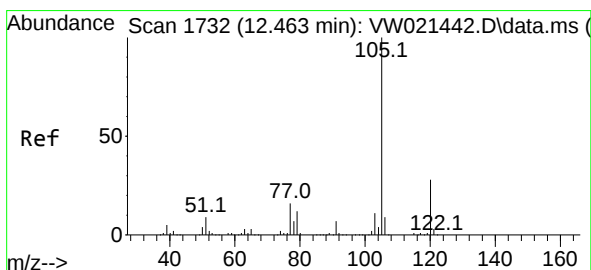
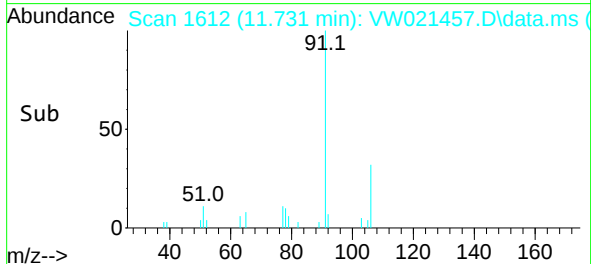
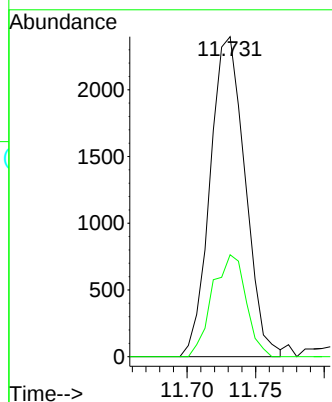
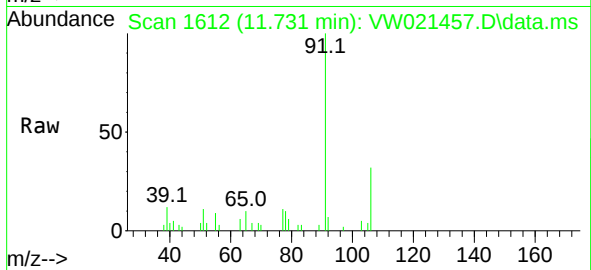




#52
Ethylbenzene
Concen: 0.604 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021457.D
Acq: 18 Dec 2021 06:04

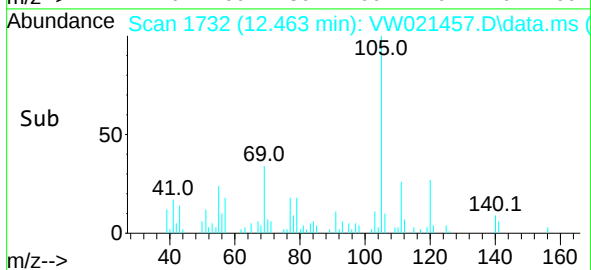
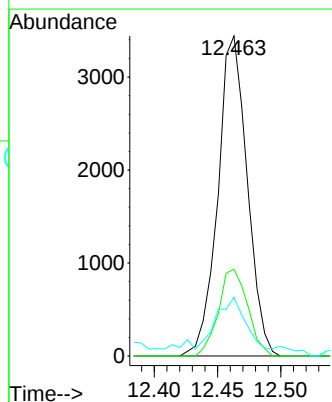
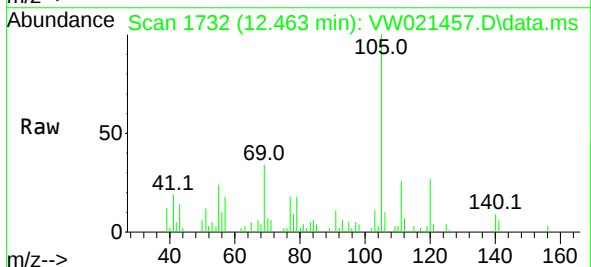
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MSVOA_W
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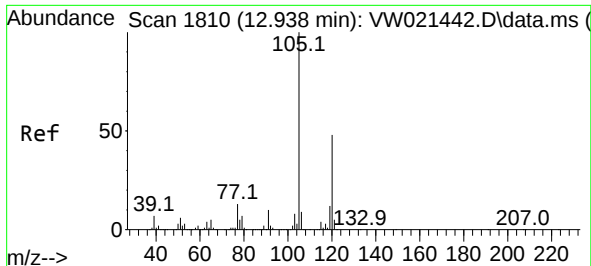
Tgt Ion: 91 Resp: 4248
Ion Ratio Lower Upper
91 100
106 31.9 21.5 39.9



#60
Isopropylbenzene
Concen: 0.910 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021457.D
Acq: 18 Dec 2021 06:04

Tgt Ion:105 Resp: 5556
Ion Ratio Lower Upper
105 100
120 27.0 20.1 30.1
77 20.5 13.8 20.8





#62

1,3,5-Trimethylbenzene

Concen: 0.879 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW021457.D

Acq: 18 Dec 2021 06:04

Instrument :

MSVOA_W

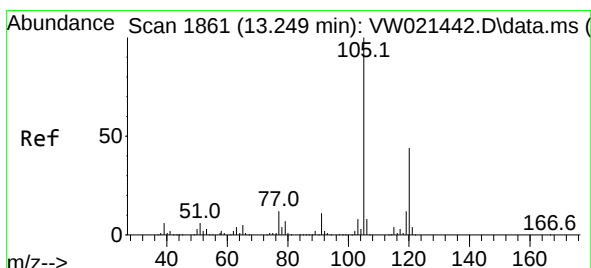
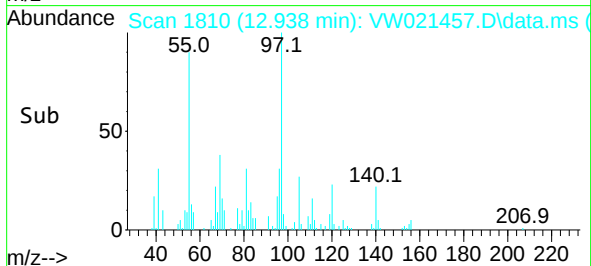
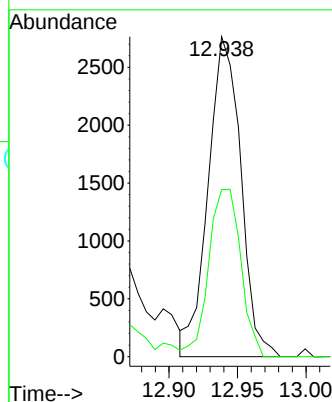
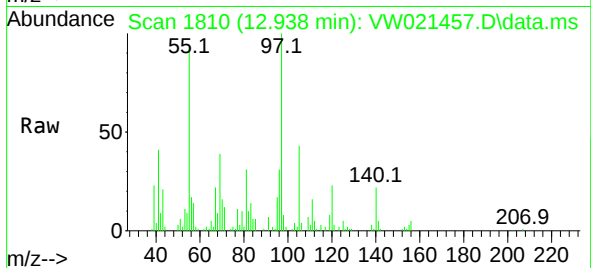
ClientSampleId :

Tgt Ion:105 Resp: 4566

Ion Ratio Lower Upper

105 100

120 51.5 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 2.843 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021457.D

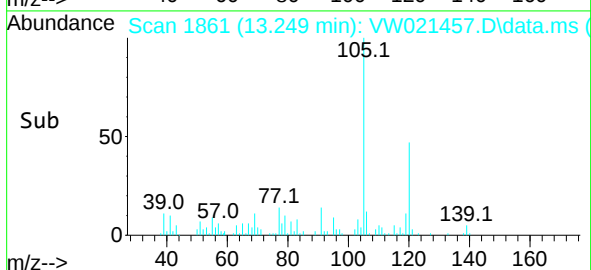
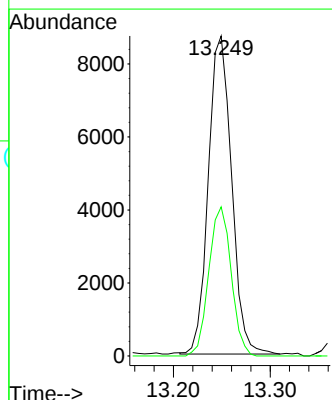
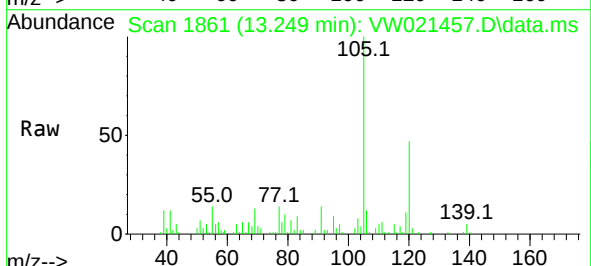
Acq: 18 Dec 2021 06:04

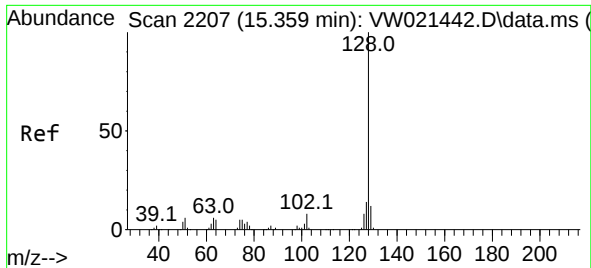
Tgt Ion:105 Resp: 14570

Ion Ratio Lower Upper

105 100

120 45.1 35.0 52.6





#71

Naphthalene

Concen: 37.803 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

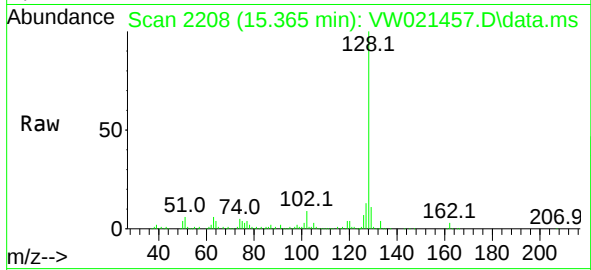
Lab File: VW021457.D

Acq: 18 Dec 2021 06:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:128 Resp: 106335

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

129 11.5 8.6 12.8

