

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021046.D
 Acq On : 02 Dec 2021 14:48
 Operator : SY/VA
 Sample : M4886-06
 Misc : 3.01g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 03 02:25:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

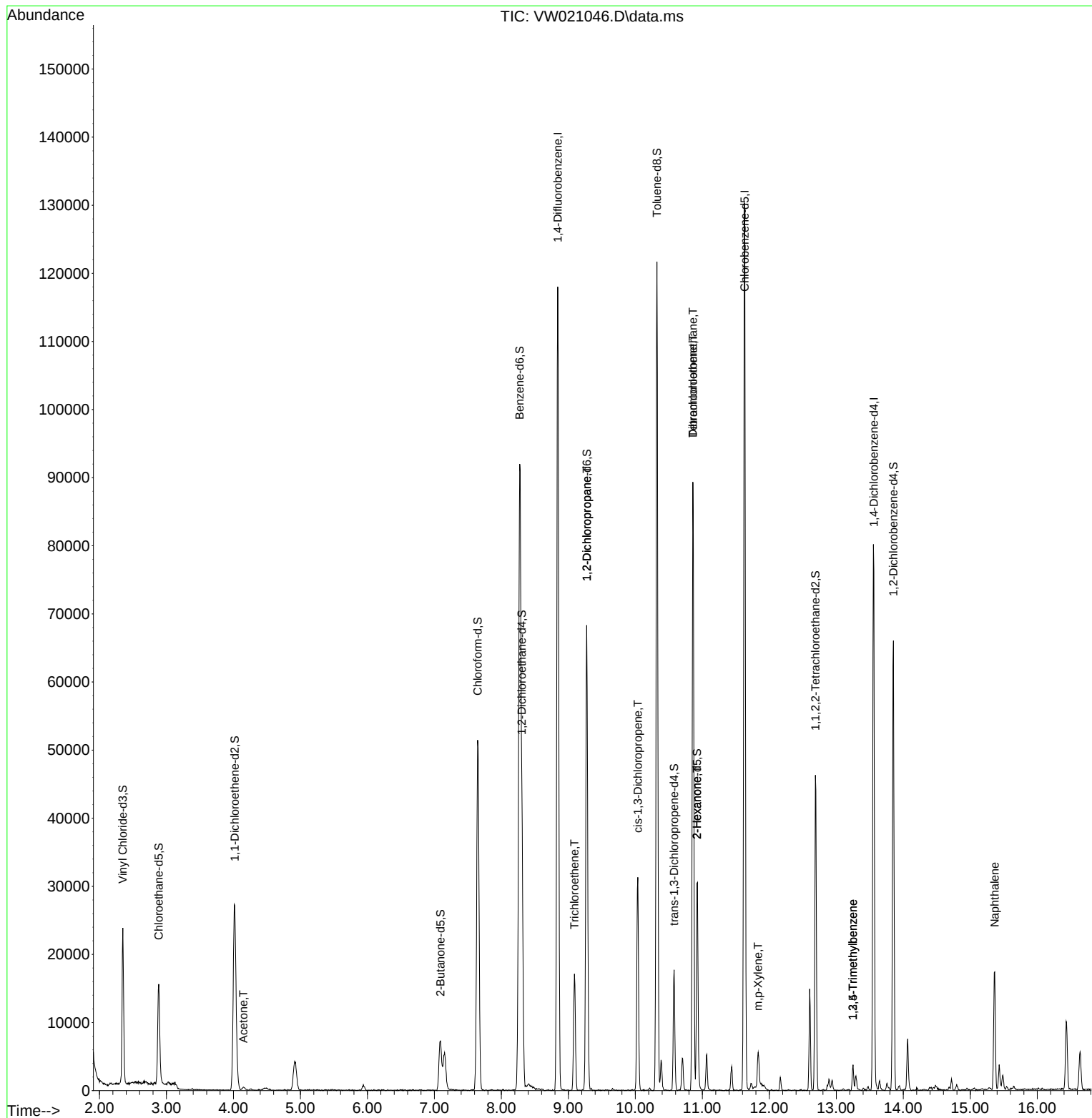
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	101105	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	73266	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	21828	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	20937	17.853	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.400%
7) Chloroethane-d5	2.885	69	17631	23.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.240%
11) 1,1-Dichloroethene-d2	4.019	63	25911	11.419	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.680%
21) 2-Butanone-d5	7.092	46	13425	45.863	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.720%
24) Chloroform-d	7.646	84	51838	20.348	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	8.305	65	27290	21.105	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	8.274	84	91540	23.706	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.840%
36) 1,2-Dichloropropane-d6	9.274	67	28706	26.106	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.440%
41) Toluene-d8	10.323	98	78975	20.606	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.440%
43) trans-1,3-Dichloroprop...	10.579	79	9121	17.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.200%
47) 2-Hexanone-d5	10.920	63	10193	55.892	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.780%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	21121	25.074	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	16613	21.354	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.400%
Target Compounds						Qvalue
13) Acetone	4.147	43	1020	3.903	ug/L	80
34) Trichloroethene	9.091	95	5376	4.633	ug/L	96
37) 1,2-Dichloropropane	9.274	63	3628	3.758	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	954	0.598	ug/L	# 77
46) Tetrachloroethene	10.859	164	19510	18.313	ug/L	94
48) 2-Hexanone	10.920	43	1550	3.894	ug/L	# 65
49) Dibromochloromethane	10.859	129	16723	16.155	ug/L	# 10
53) m,p-Xylene	11.829	106	1693	0.802	ug/L	63
62) 1,3,5-Trimethylbenzene	13.249	105	2370	0.945	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	2370	0.958	ug/L	97
71) Naphthalene	15.365	128	15116	10.271	ug/L	99

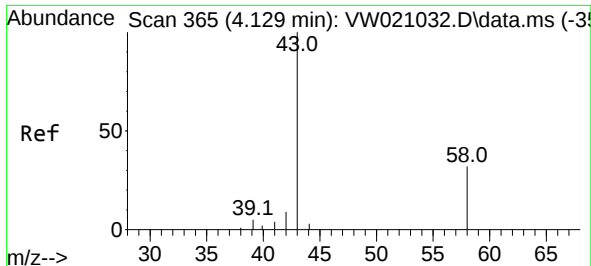
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 03 01:25:28 2021
Response via : Initial Calibration





#13

Acetone

Concen: 3.903 ug/L

RT: 4.147 min Scan# 3

Delta R.T. 0.018 min

Lab File: VW021046.D

Acq: 02 Dec 2021 14:48

Instrument :

MSVOA_W

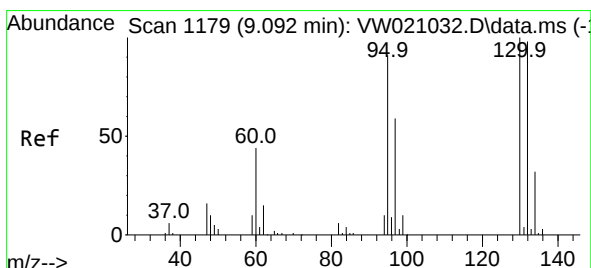
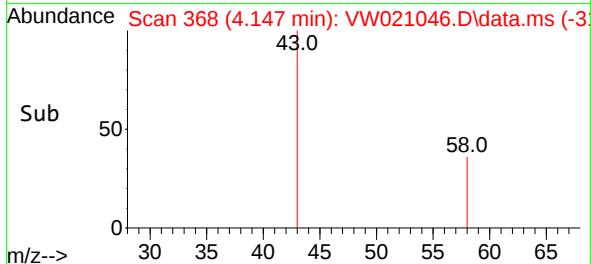
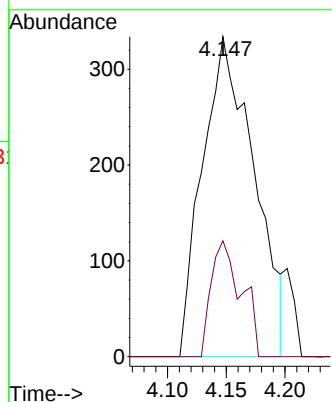
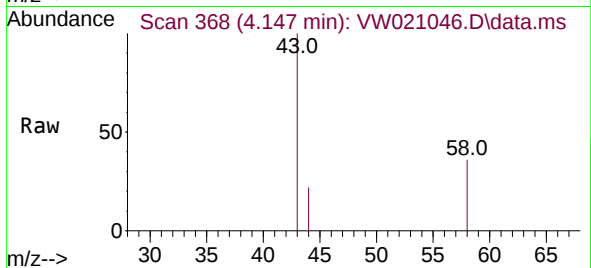
ClientSampleId :

Tgt Ion: 43 Resp: 1020

Ion Ratio Lower Upper

43 100

58 16.1 0.0 52.8



#34

Trichloroethene

Concen: 4.633 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021046.D

Acq: 02 Dec 2021 14:48

Tgt Ion: 95 Resp: 5376

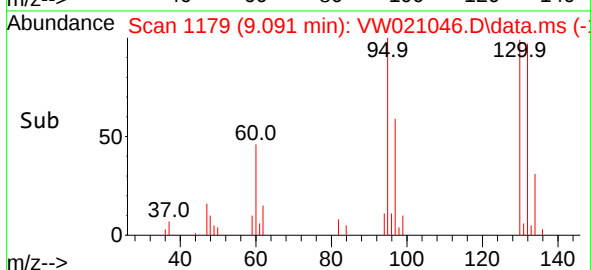
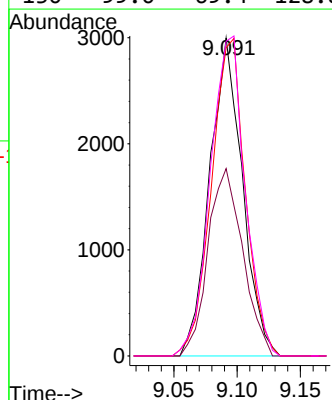
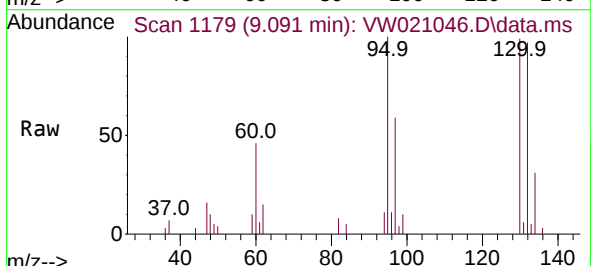
Ion Ratio Lower Upper

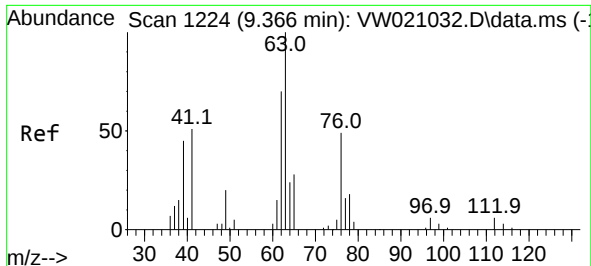
95 100

97 58.9 47.0 87.2

132 96.9 65.5 121.6

130 99.0 69.4 128.8





#37

1,2-Dichloropropane

Concen: 3.758 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021046.D

Acq: 02 Dec 2021 14:48

Instrument :

MSVOA_W

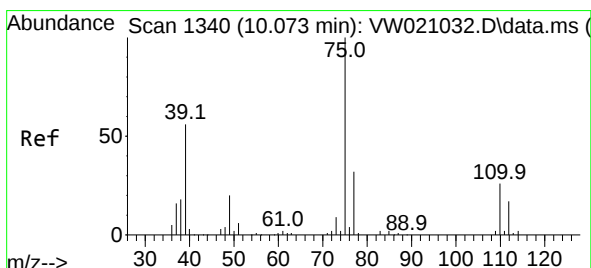
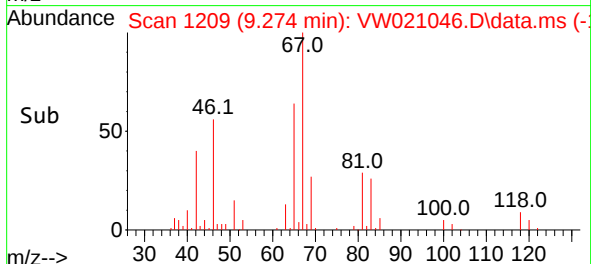
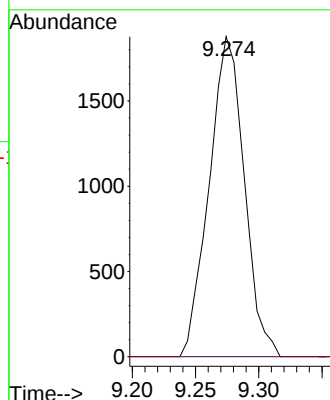
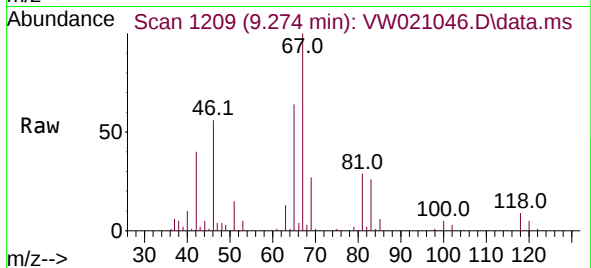
ClientSampleId :

Tgt Ion: 63 Resp: 3628

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.598 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021046.D

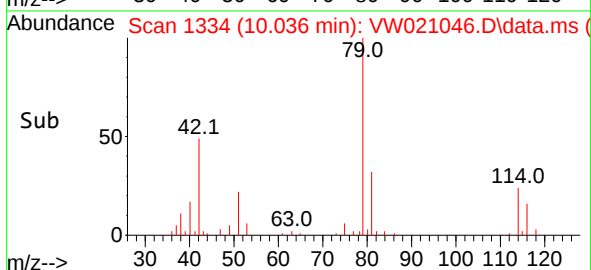
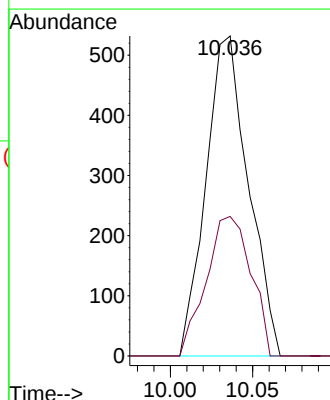
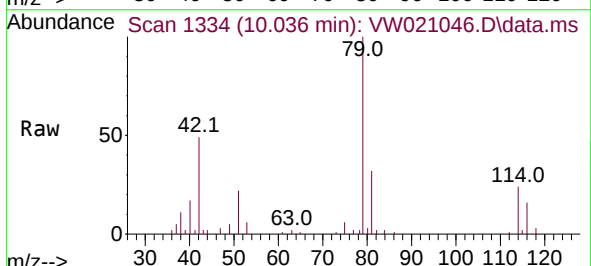
Acq: 02 Dec 2021 14:48

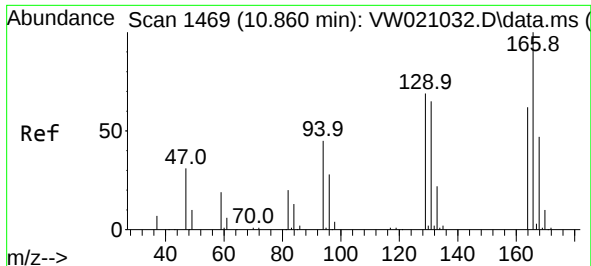
Tgt Ion: 75 Resp: 954

Ion Ratio Lower Upper

75 100

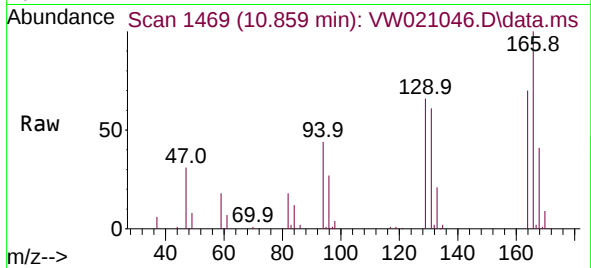
77 43.6 21.8 40.6#



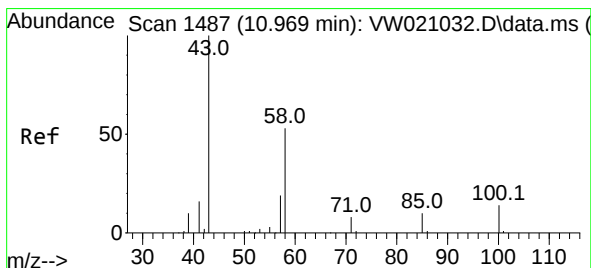
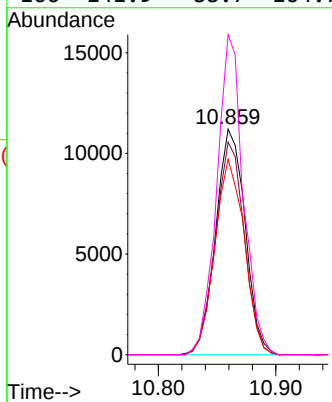
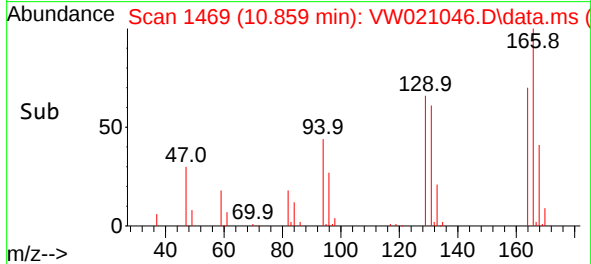


#46
Tetrachloroethene
Concen: 18.313 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021046.D
Acq: 02 Dec 2021 14:48

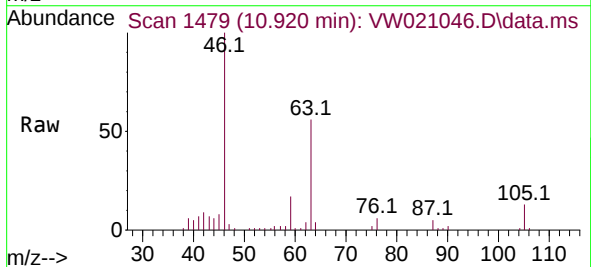
Instrument :
MSVOA_W
ClientSampleId :



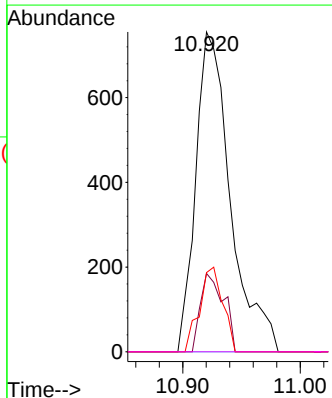
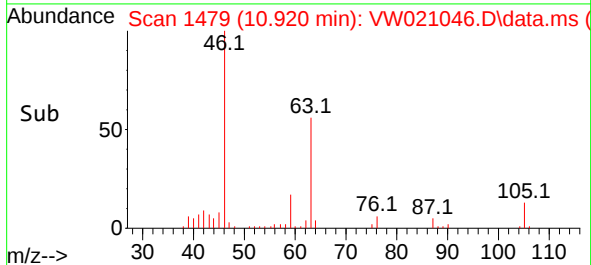
Tgt Ion:164 Resp: 19510
Ion Ratio Lower Upper
164 100
129 94.3 65.5 121.7
131 86.7 59.7 110.9
166 141.9 88.7 164.7

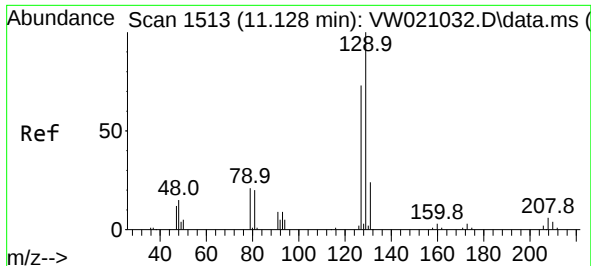


#48
2-Hexanone
Concen: 3.894 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW021046.D
Acq: 02 Dec 2021 14:48



Tgt Ion: 43 Resp: 1550
Ion Ratio Lower Upper
43 100
58 16.5 40.2 60.2#
57 17.7 14.3 21.5
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 16.155 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.269 min

Lab File: VW021046.D

Acq: 02 Dec 2021 14:48

Instrument :

MSVOA_W

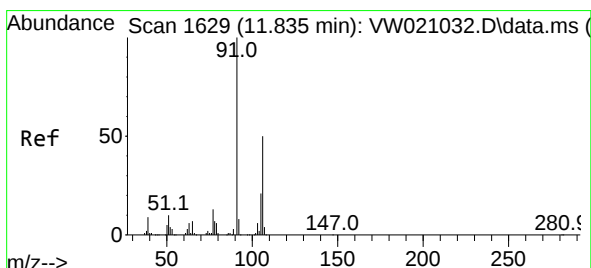
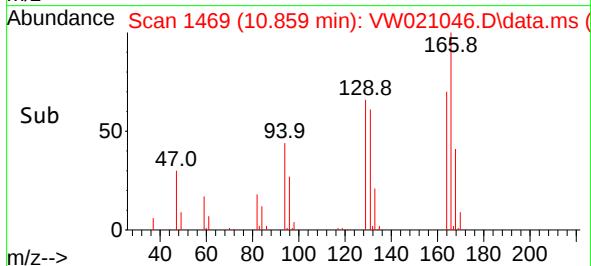
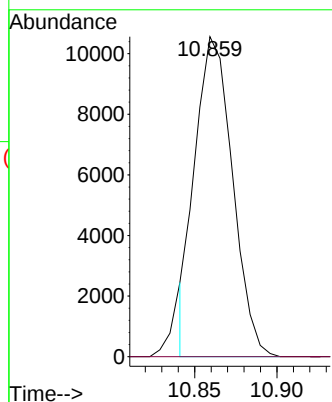
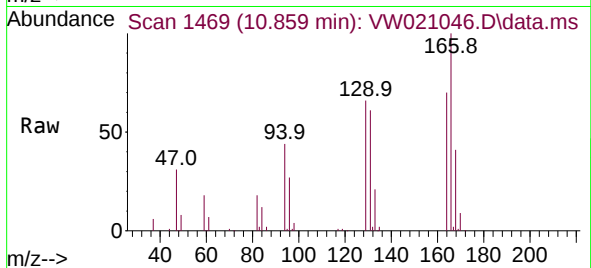
ClientSampleId :

Tgt Ion:129 Resp: 16723

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#53

m,p-Xylene

Concen: 0.802 ug/L

RT: 11.829 min Scan# 1628

Delta R.T. -0.006 min

Lab File: VW021046.D

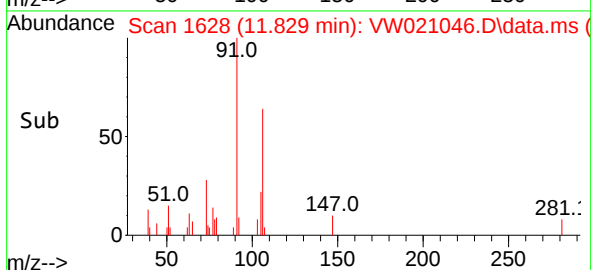
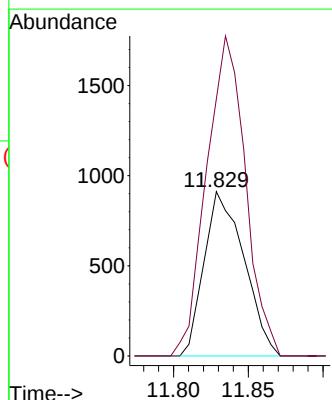
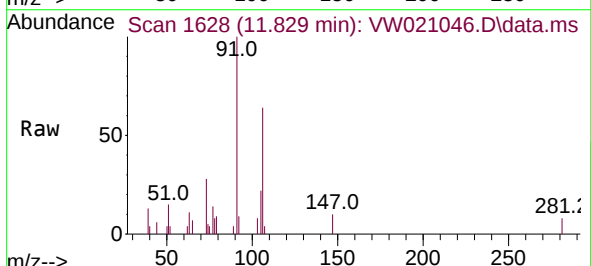
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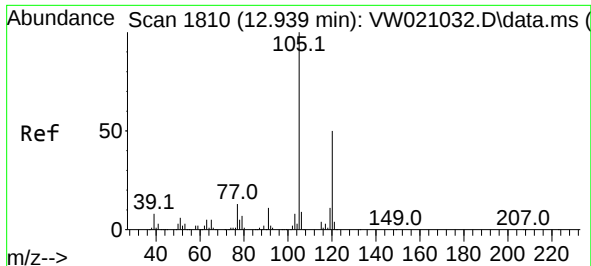
Tgt Ion:106 Resp: 1693

Ion Ratio Lower Upper

106 100

91 156.4 149.9 278.3





#62

1,3,5-Trimethylbenzene

Concen: 0.945 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.311 min

Lab File: VW021046.D

Acq: 02 Dec 2021 14:48

Instrument :

MSVOA_W

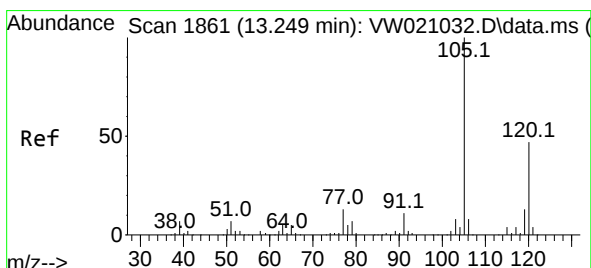
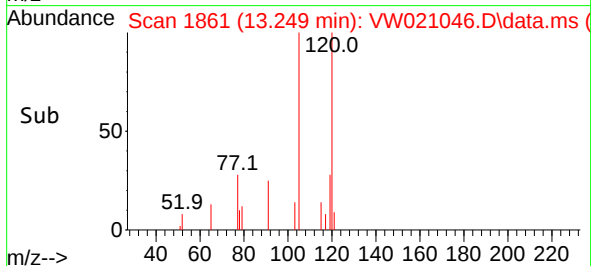
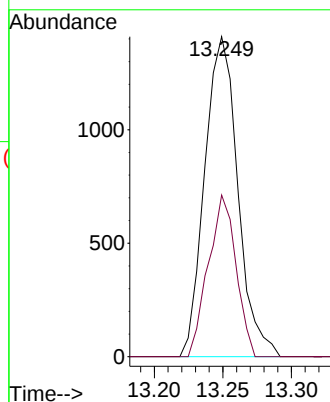
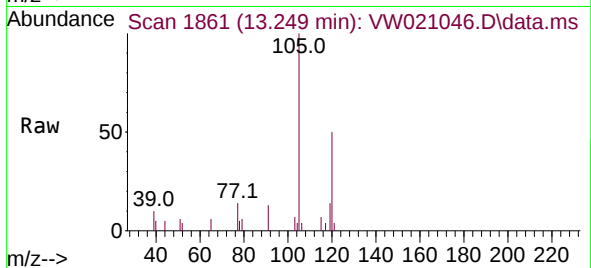
ClientSampleId :

Tgt Ion:105 Resp: 2370

Ion Ratio Lower Upper

105 100

120 42.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 0.958 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021046.D

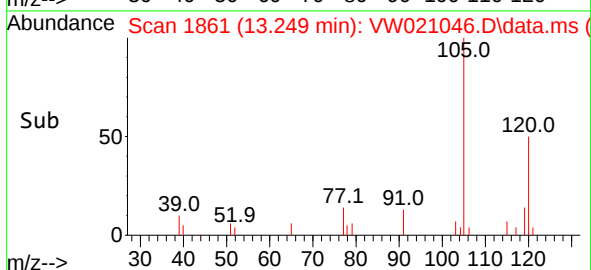
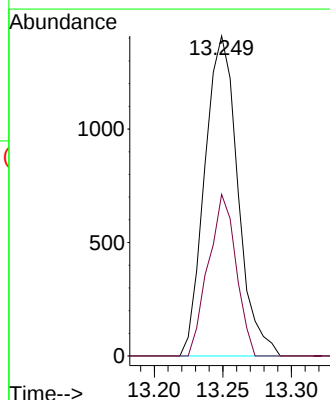
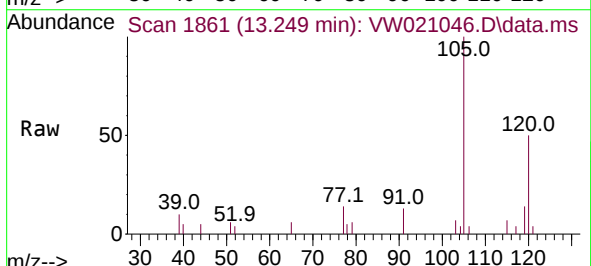
Acq: 02 Dec 2021 14:48

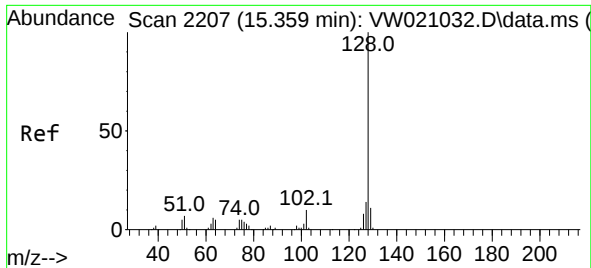
Tgt Ion:105 Resp: 2370

Ion Ratio Lower Upper

105 100

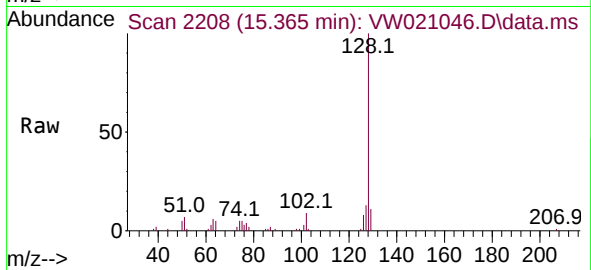
120 42.2 35.0 52.6





#71
Naphthalene
Concen: 10.271 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021046.D
Acq: 02 Dec 2021 14:48

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	15116
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	11.5	8.6	12.8

