

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021125.D
 Acq On : 04 Dec 2021 18:04
 Operator : SY/VA
 Sample : M4885-11
 Misc : 3.45g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 00:50:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

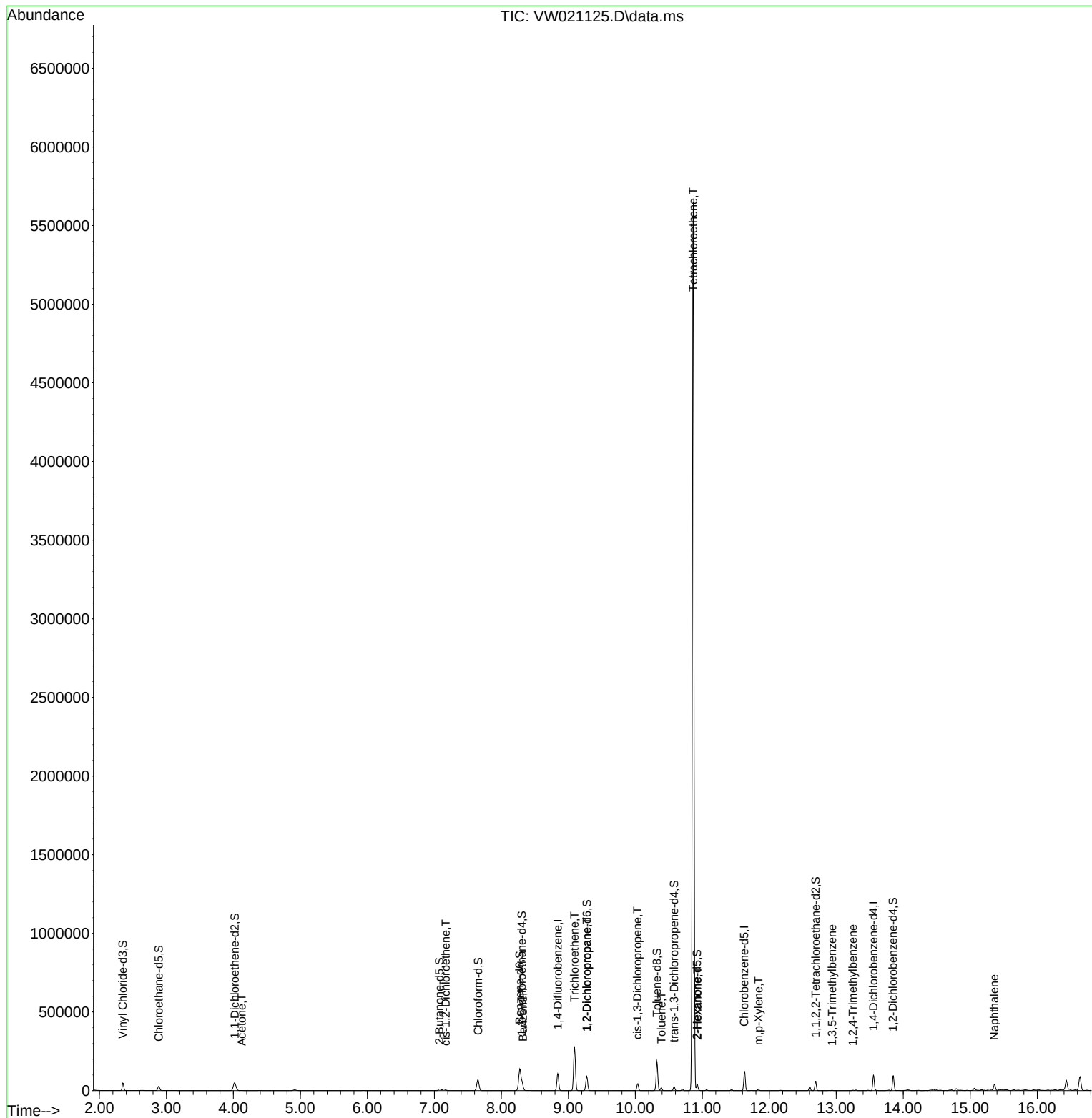
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	94147	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	70523	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	26925	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	44936	34.257	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 137.040%	
7) Chloroethane-d5	2.885	69	31259	35.599	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 142.400%	
11) 1,1-Dichloroethene-d2	4.019	63	47010	22.434	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 89.720%	
21) 2-Butanone-d5	7.074	46	17025	56.902	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 113.800%	
24) Chloroform-d	7.653	84	68542	29.071	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 116.280%	
26) 1,2-Dichloroethane-d4	8.305	65	38273	29.672	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 118.680%	
32) Benzene-d6	8.275	84	136248	37.785	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 151.120%#	
36) 1,2-Dichloropropane-d6	9.274	67	37943	37.865	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 151.440%#	
41) Toluene-d8	10.323	98	119553	32.334	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 129.320%	
43) trans-1,3-Dichloroprop...	10.579	79	13683	30.072	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 120.280%	
47) 2-Hexanone-d5	10.921	63	13474	70.279	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 140.560%#	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	27302	29.450	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 117.800%	
66) 1,2-Dichlorobenzene-d4	13.847	152	24700	25.603	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.400%	
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	1239	4.546	ug/L	81
20) cis-1,2-Dichloroethene	7.171	96	1270	0.920	ug/L	95
33) Benzene	8.323	78	6750	1.683	ug/L	100
34) Trichloroethene	9.092	95	89827	81.189	ug/L	90
37) 1,2-Dichloropropane	9.274	63	4916	5.424	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	1359	0.927	ug/L	85
42) Toluene	10.390	91	12868	2.809	ug/L	100
46) Tetrachloroethene	10.866	164	1186178	1170.812	ug/L	94
48) 2-Hexanone	10.927	43	2135	4.793	ug/L #	67
53) m,p-Xylene	11.841	106	2652	1.243	ug/L	79
62) 1,3,5-Trimethylbenzene	12.938	105	1052	0.336	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	2020	0.641	ug/L	97
71) Naphthalene	15.359	128	33151	16.759	ug/L	99

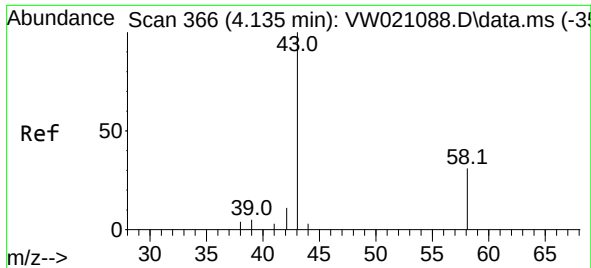
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Dec 04 04:50:24 2021
Response via : Initial Calibration





#13

Acetone

Concen: 4.546 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW021125.D

Acq: 04 Dec 2021 18:04

Instrument :

MSVOA_W

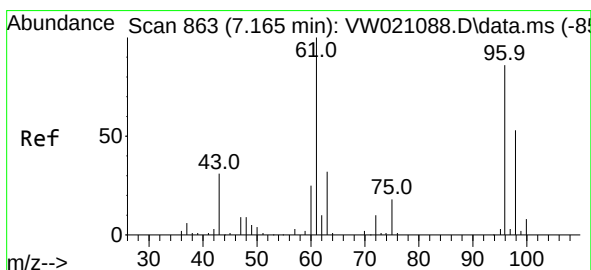
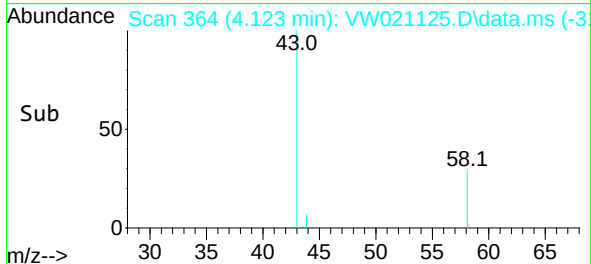
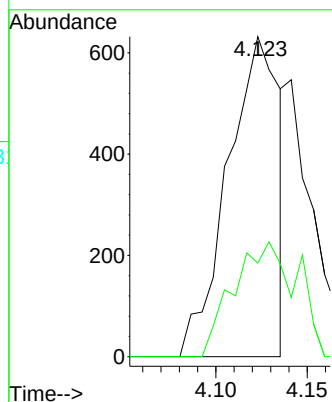
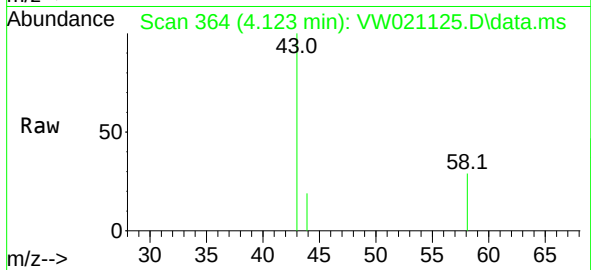
ClientSampleId :

Tgt Ion: 43 Resp: 1239

Ion Ratio Lower Upper

43 100

58 36.3 0.0 52.8



#20

cis-1,2-Dichloroethene

Concen: 0.920 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW021125.D

Acq: 04 Dec 2021 18:04

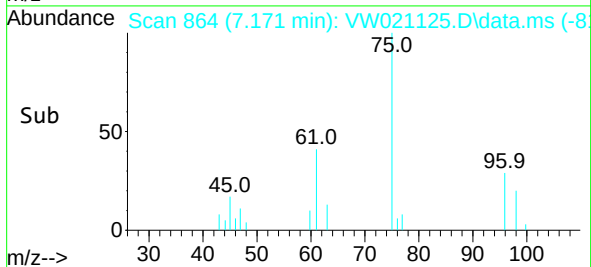
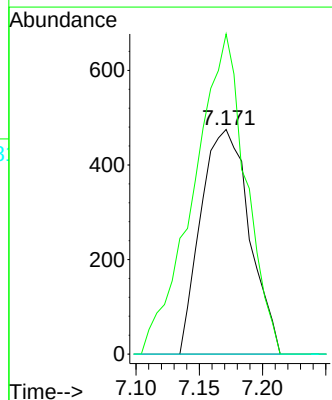
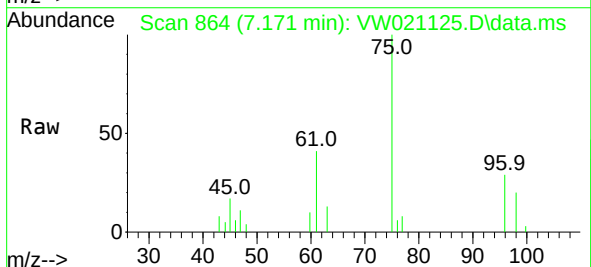
Tgt Ion: 96 Resp: 1270

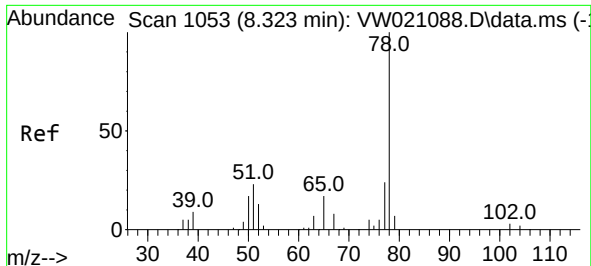
Ion Ratio Lower Upper

96 100

61 142.5 103.7 192.7

68 0.0 0.0 0.0

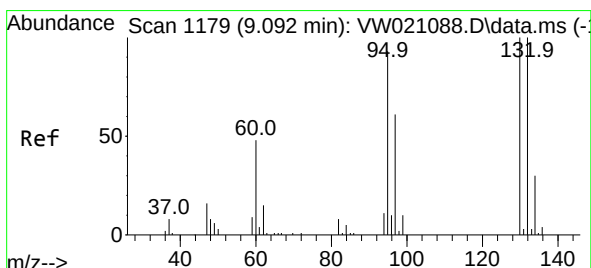
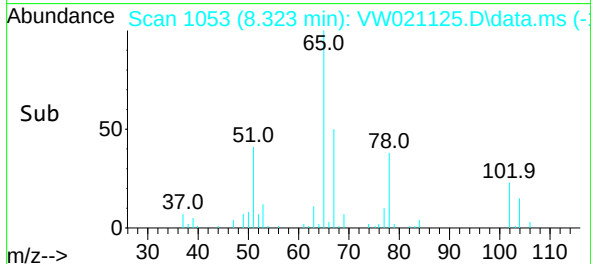
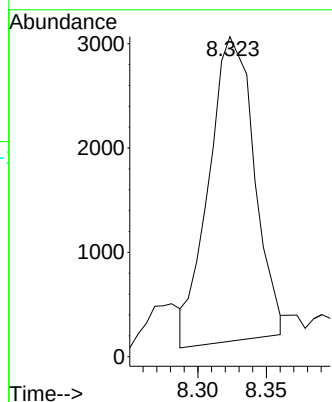
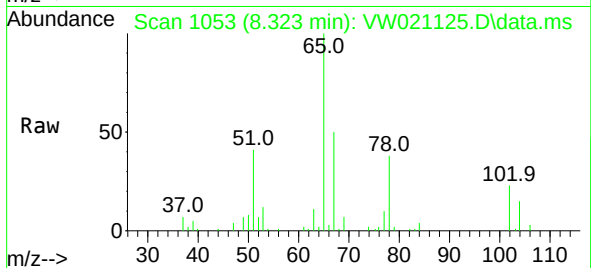




#33
Benzene
Concen: 1.683 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021125.D
Acq: 04 Dec 2021 18:04

Instrument :
MSVOA_W
ClientSampleId :

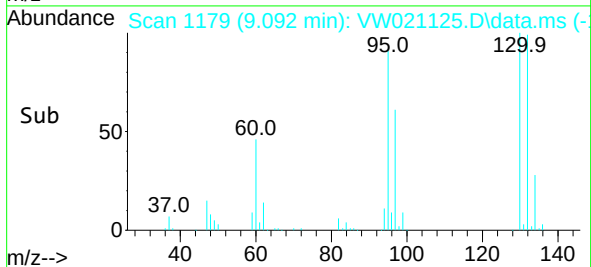
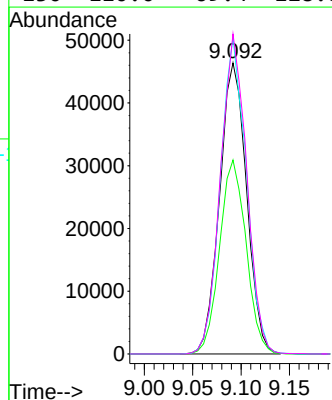
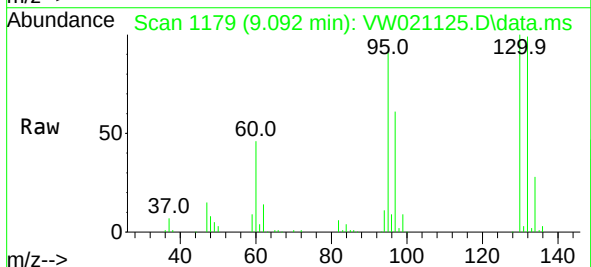
Tgt Ion: 78 Resp: 6750

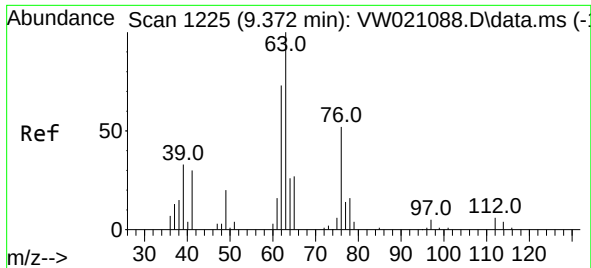


#34
Trichloroethene
Concen: 81.189 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021125.D
Acq: 04 Dec 2021 18:04

Tgt Ion: 95 Resp: 89827

Ion	Ratio	Lower	Upper
95	100		
97	66.6	47.0	87.2
132	108.8	65.5	121.6
130	110.0	69.4	128.8





#37

1,2-Dichloropropane

Concen: 5.424 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021125.D

Acq: 04 Dec 2021 18:04

Instrument :

MSVOA_W

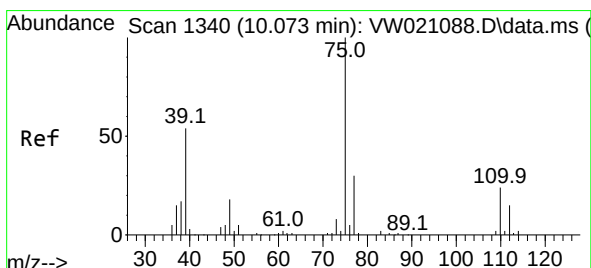
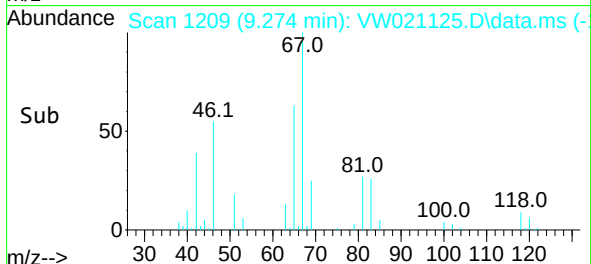
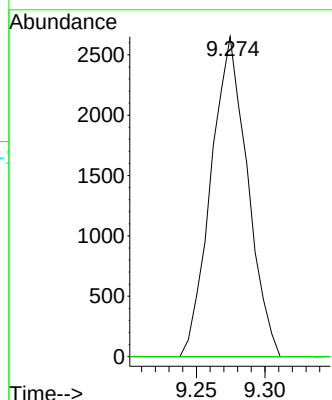
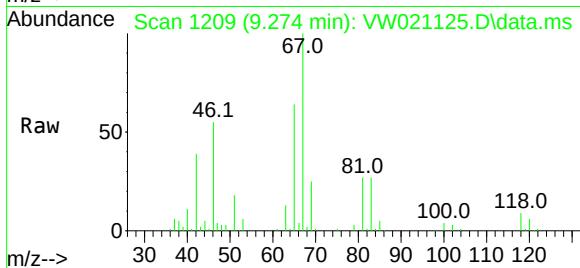
ClientSampleId :

Tgt Ion: 63 Resp: 4916

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.927 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW021125.D

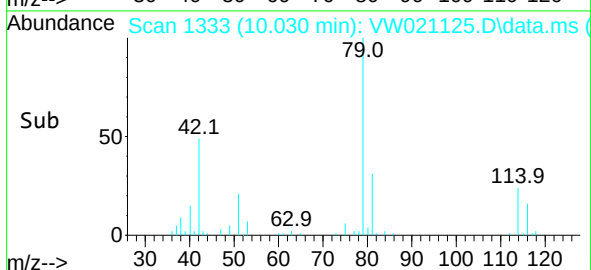
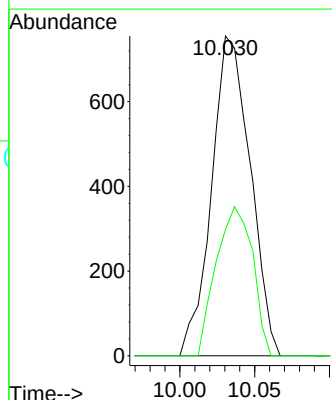
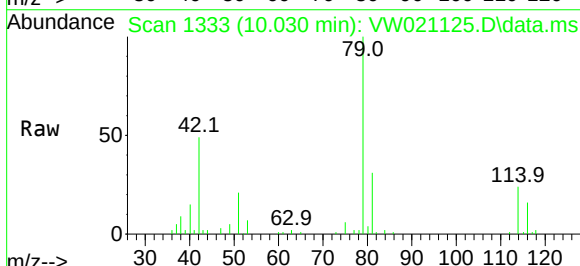
Acq: 04 Dec 2021 18:04

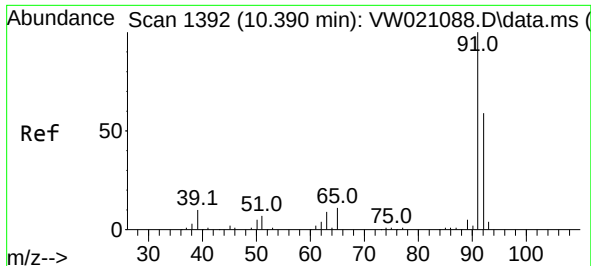
Tgt Ion: 75 Resp: 1359

Ion Ratio Lower Upper

75 100

77 39.5 21.8 40.6

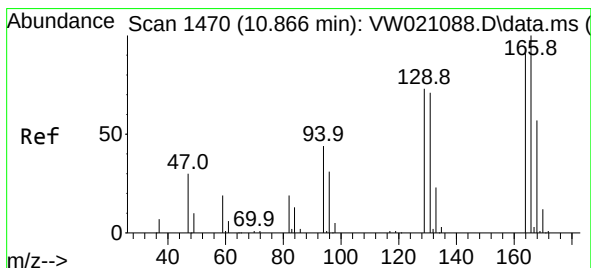
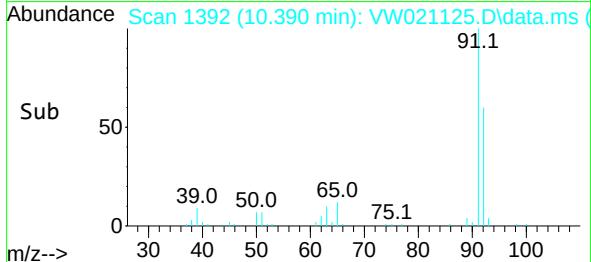
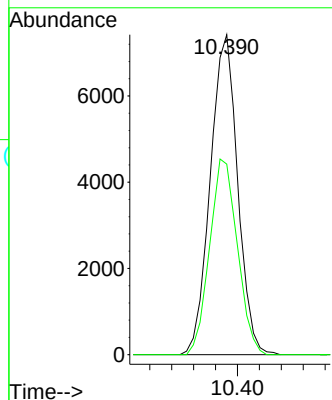
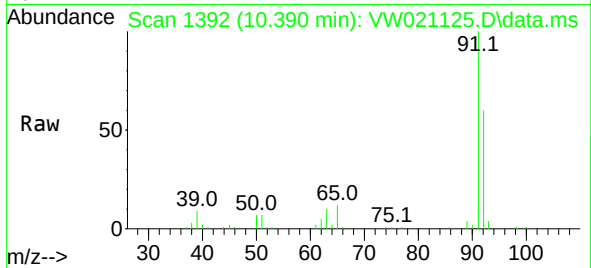




#42
Toluene
Concen: 2.809 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW021125.D
Acq: 04 Dec 2021 18:04

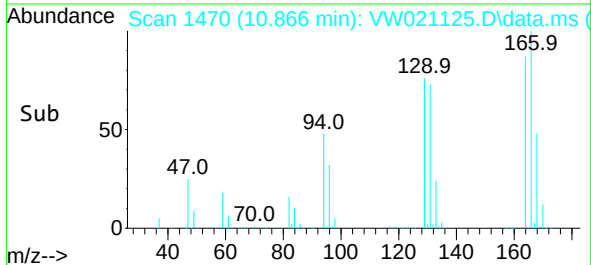
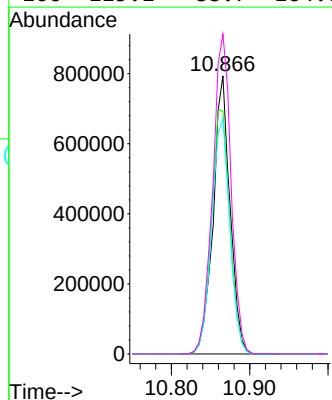
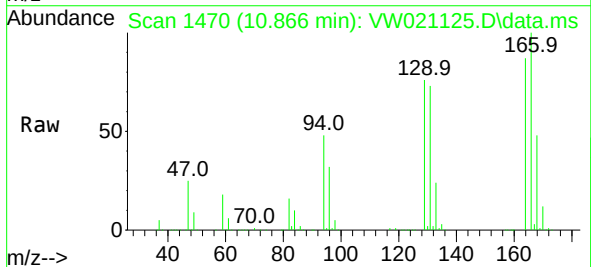
Instrument :
MSVOA_W
ClientSampleId :

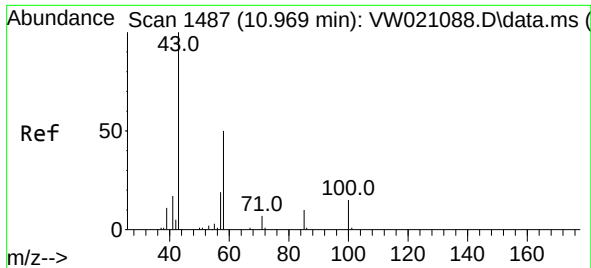
Tgt Ion: 91 Resp: 12868
Ion Ratio Lower Upper
91 100
92 59.6 41.7 77.5



#46
Tetrachloroethene
Concen: 1170.812 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW021125.D
Acq: 04 Dec 2021 18:04

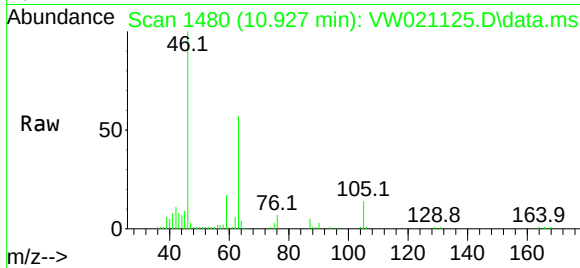
Tgt Ion: 164 Resp: 1186178
Ion Ratio Lower Upper
164 100
129 87.4 65.5 121.7
131 84.5 59.7 110.9
166 115.1 88.7 164.7



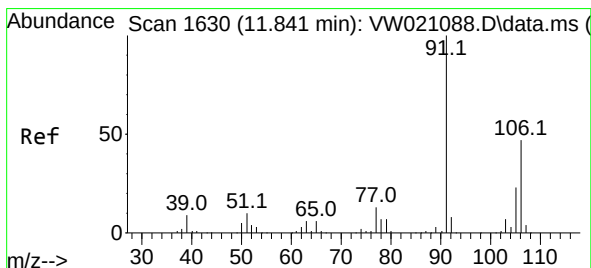
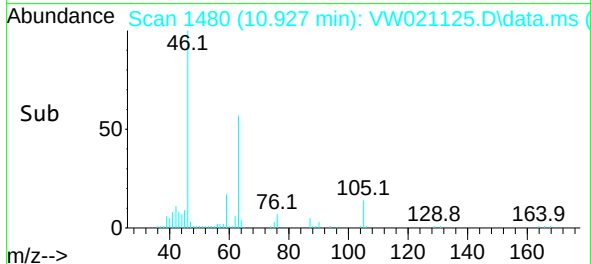
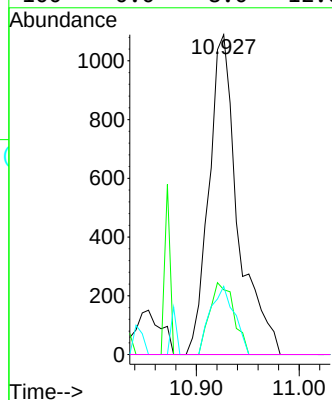


#48
2-Hexanone
Concen: 4.793 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021125.D
Acq: 04 Dec 2021 18:04

Instrument :
MSVOA_W
ClientSampleId :

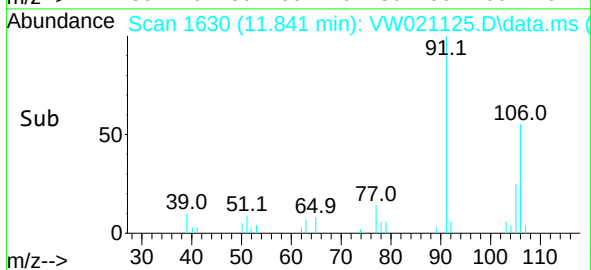
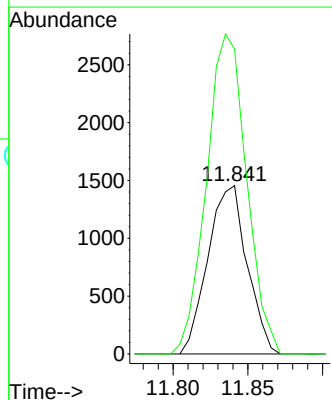
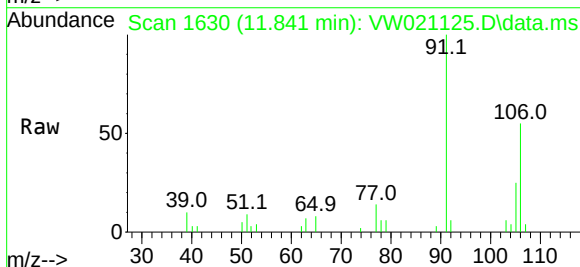


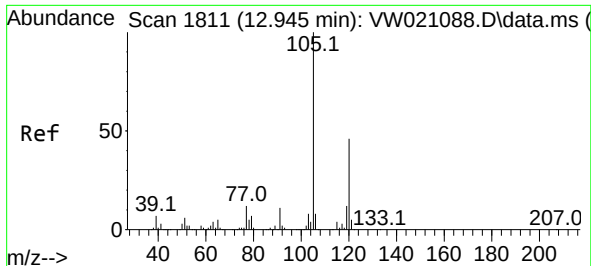
Tgt Ion: 43 Resp: 2135
Ion Ratio Lower Upper
43 100
58 18.8 40.2 60.2#
57 17.8 14.3 21.5
100 0.0 8.0 12.0#



#53
m,p-Xylene
Concen: 1.243 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW021125.D
Acq: 04 Dec 2021 18:04

Tgt Ion: 106 Resp: 2652
Ion Ratio Lower Upper
106 100
91 181.0 149.9 278.3





#62

1,3,5-Trimethylbenzene

Concen: 0.336 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW021125.D

Acq: 04 Dec 2021 18:04

Instrument :

MSVOA_W

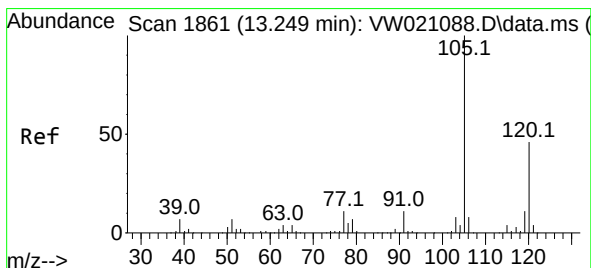
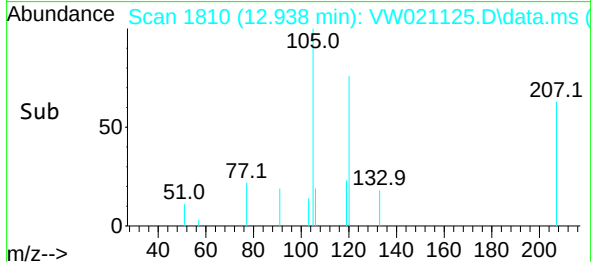
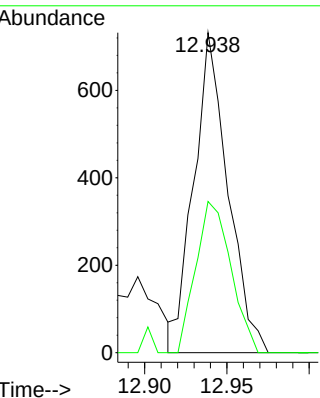
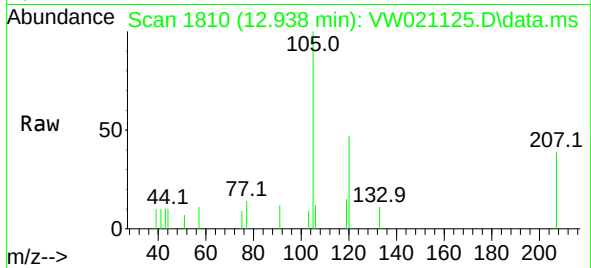
ClientSampleId :

Tgt Ion:105 Resp: 1052

Ion Ratio Lower Upper

105 100

120 48.7 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 0.641 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021125.D

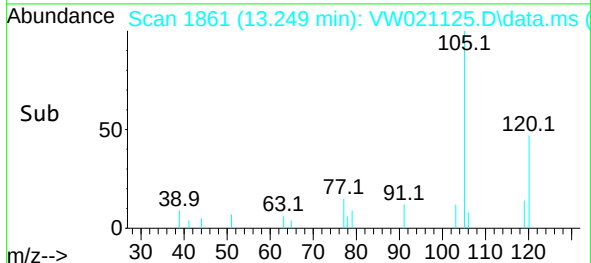
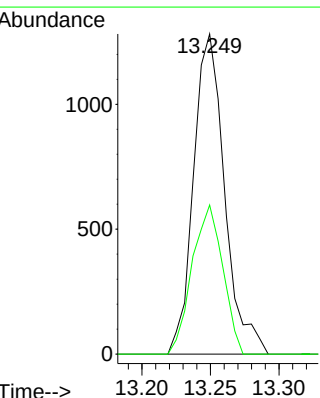
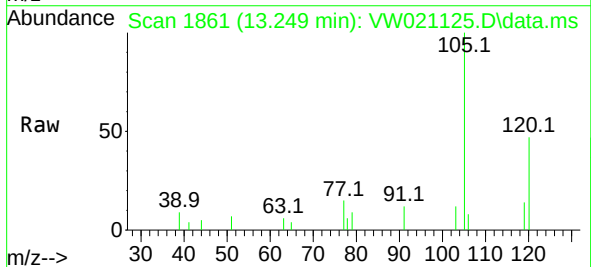
Acq: 04 Dec 2021 18:04

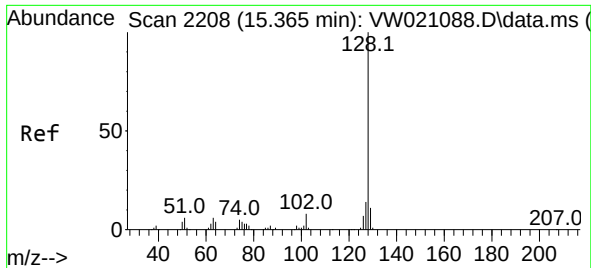
Tgt Ion:105 Resp: 2020

Ion Ratio Lower Upper

105 100

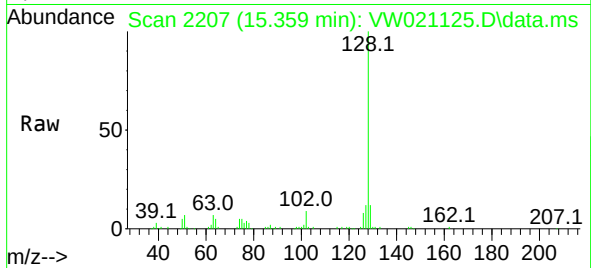
120 45.9 35.0 52.6





#71
Naphthalene
Concen: 16.759 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021125.D
Acq: 04 Dec 2021 18:04

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	33151
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.7	16.1
129	11.2	8.6	12.8

