

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021560.D
 Acq On : 22 Dec 2021 14:01
 Operator : SY/VA
 Sample : M5153-09RE
 Misc : 6.86g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 00:36:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 23 00:34:33 2021
 Response via : Initial Calibration

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

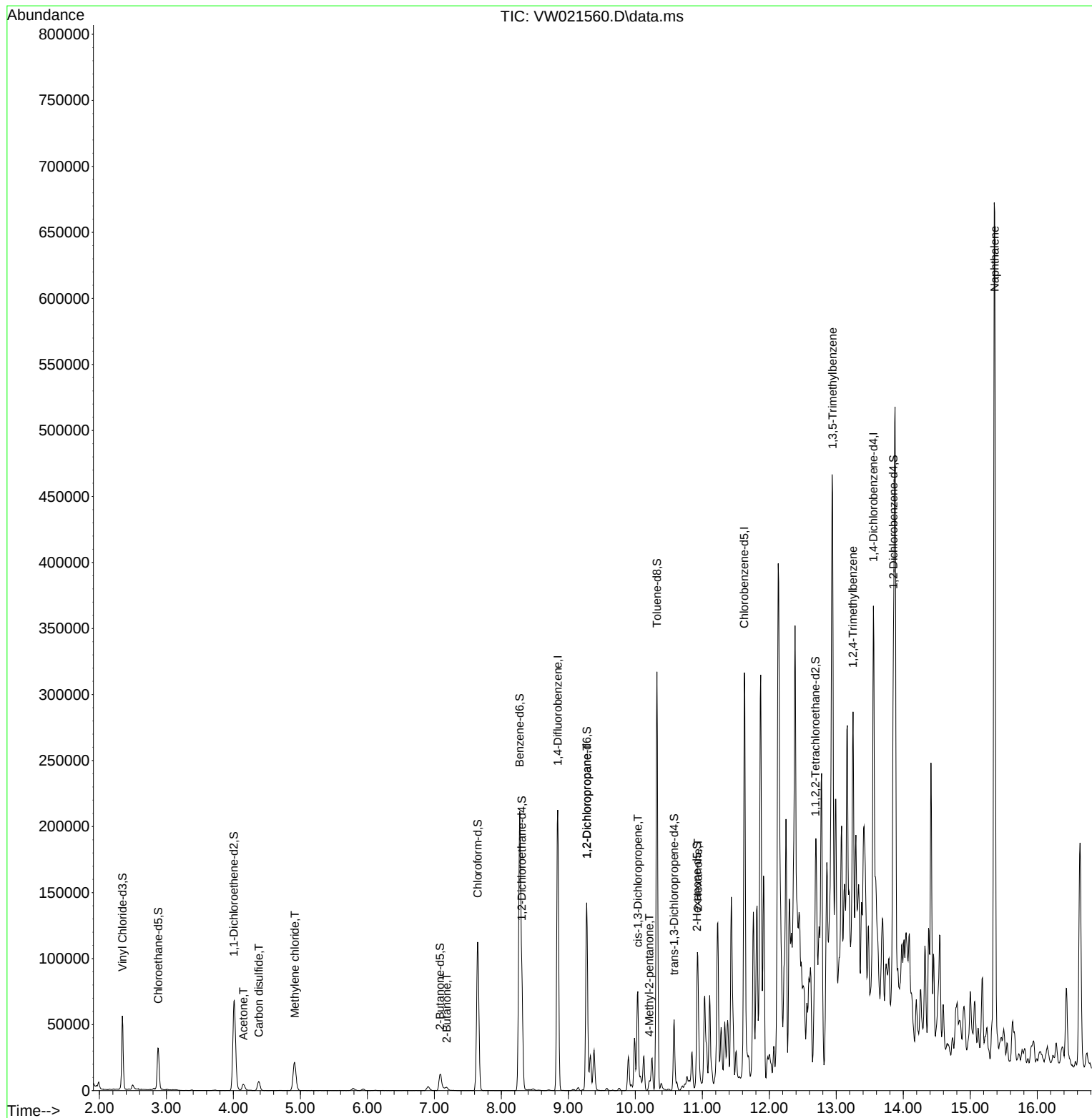
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	186443	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	173230	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	89134	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	53696	15.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.240%
7) Chloroethane-d5	2.879	69	37546	16.726	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.920%
11) 1,1-Dichloroethene-d2	4.007	63	65190	14.400	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.600%
21) 2-Butanone-d5	7.086	46	23170	48.407	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.820%
24) Chloroform-d	7.647	84	113453	21.836	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.360%
26) 1,2-Dichloroethane-d4	8.305	65	62191	22.502	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	8.275	84	213372	22.471	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.880%
36) 1,2-Dichloropropane-d6	9.275	67	61025	23.964	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.840%
41) Toluene-d8	10.323	98	205230	21.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	10.579	79	25011	21.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.320%
47) 2-Hexanone-d5	10.921	63	20229	53.720	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.440%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	47612	21.749	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	67598	19.568	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.280%
Target Compounds						
					Qvalue	
13) Acetone	4.147	43	10142	23.636	ug/L	94
14) Carbon disulfide	4.379	76	14983	2.510	ug/L	96
16) Methylene chloride	4.916	84	17406	5.650	ug/L	80
22) 2-Butanone	7.183	43	3743	6.680	ug/L	94
37) 1,2-Dichloropropane	9.275	63	7864	3.736	ug/L	# 69
39) cis-1,3-Dichloropropene	10.037	75	2149	0.648	ug/L	# 76
40) 4-Methyl-2-pentanone	10.207	43	3233	2.819	ug/L	# 90
48) 2-Hexanone	10.933	43	21425	25.759	ug/L	# 28
62) 1,3,5-Trimethylbenzene	12.945	105	61048	5.923	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	109882	10.808	ug/L	94
71) Naphthalene	15.365	128	565296	101.315	ug/L	100

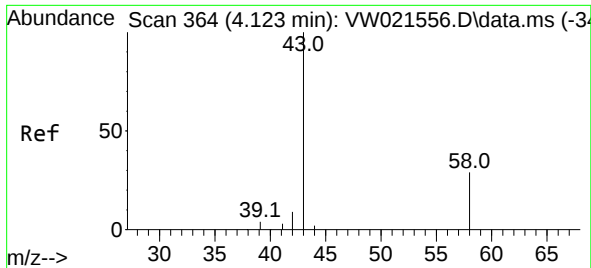
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Dec 23 00:34:33 2021
Response via : Initial Calibration





#13

Acetone

Concen: 23.636 ug/L

RT: 4.147 min Scan# 3

Delta R.T. 0.025 min

Lab File: VW021560.D

Acq: 22 Dec 2021 14:01

Instrument :

MSVOA_W

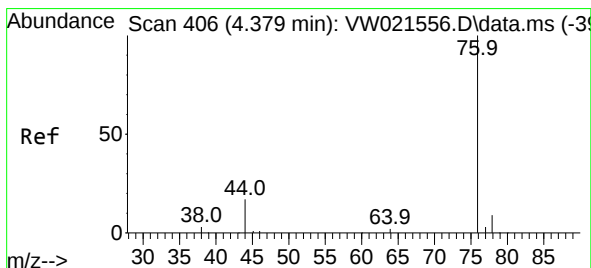
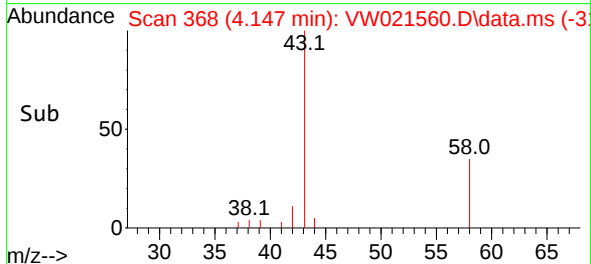
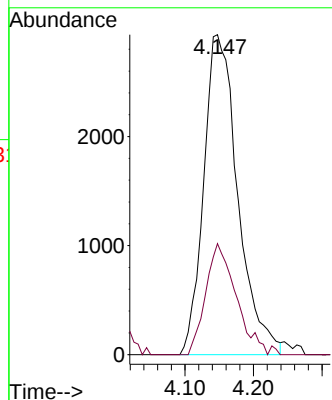
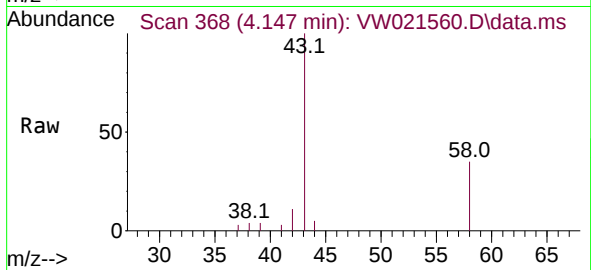
ClientSampleId :

Tgt Ion: 43 Resp: 10142

Ion Ratio Lower Upper

43 100

58 29.3 0.0 52.8



#14

Carbon disulfide

Concen: 2.510 ug/L

RT: 4.379 min Scan# 406

Delta R.T. 0.000 min

Lab File: VW021560.D

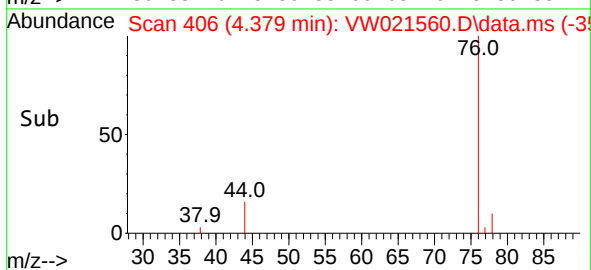
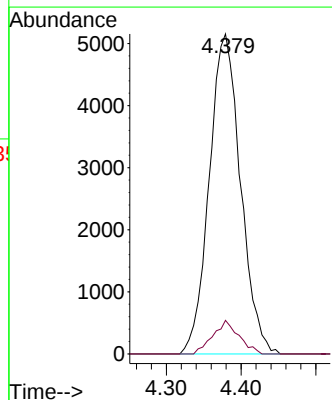
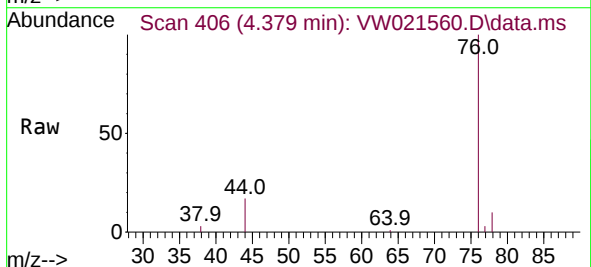
Acq: 22 Dec 2021 14:01

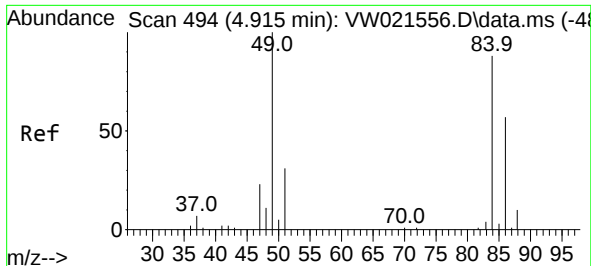
Tgt Ion: 76 Resp: 14983

Ion Ratio Lower Upper

76 100

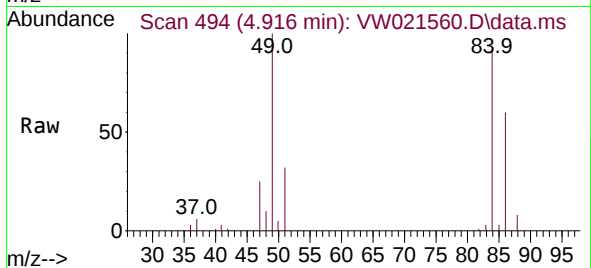
78 10.5 7.1 10.7





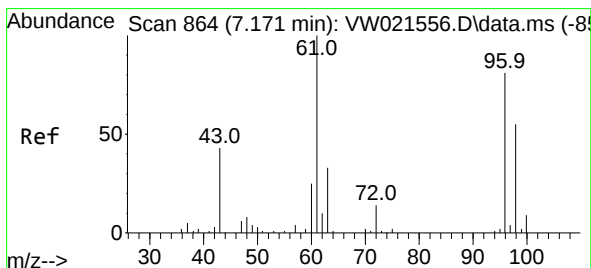
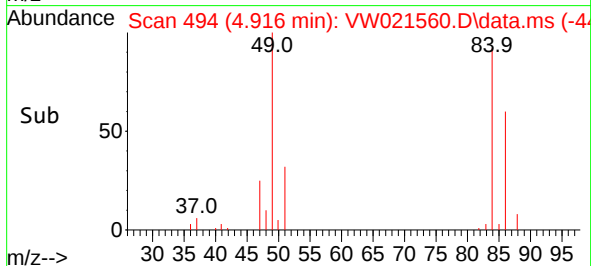
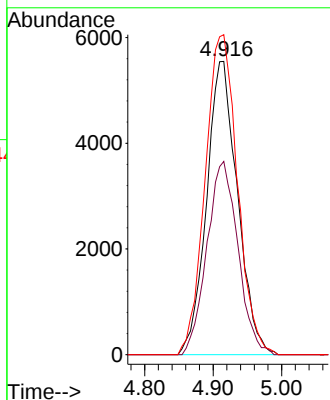
#16
Methylene chloride
Concen: 5.650 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021560.D
Acq: 22 Dec 2021 14:01

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 17406

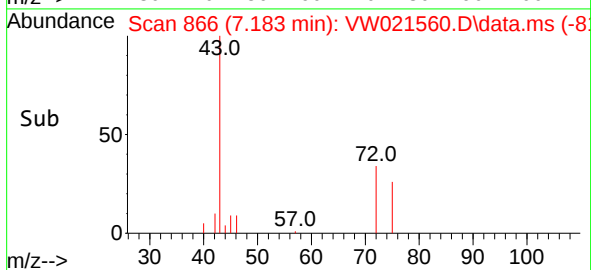
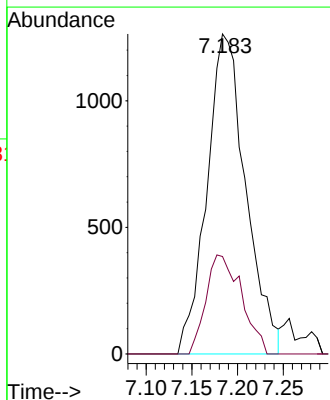
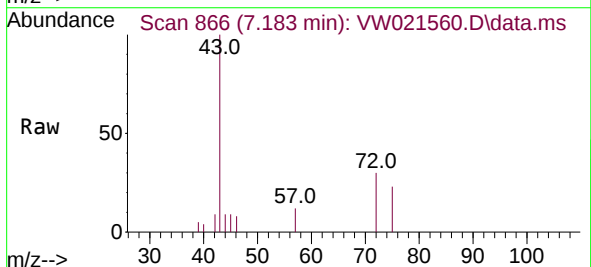
Ion	Ratio	Lower	Upper
84	100		
86	65.9	45.5	84.5
49	109.1	100.5	186.7

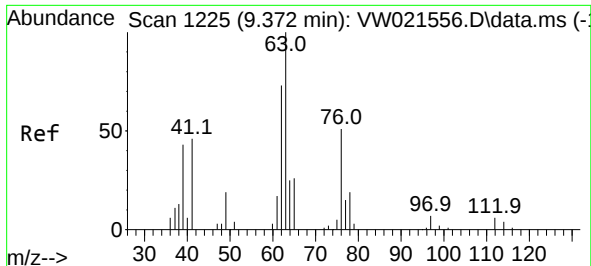


#22
2-Butanone
Concen: 6.680 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW021560.D
Acq: 22 Dec 2021 14:01

Tgt Ion: 43 Resp: 3743

Ion	Ratio	Lower	Upper
43	100		
72	20.7	11.8	35.4





#37

1,2-Dichloropropane

Concen: 3.736 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.097 min

Lab File: VW021560.D

Acq: 22 Dec 2021 14:01

Instrument :

MSVOA_W

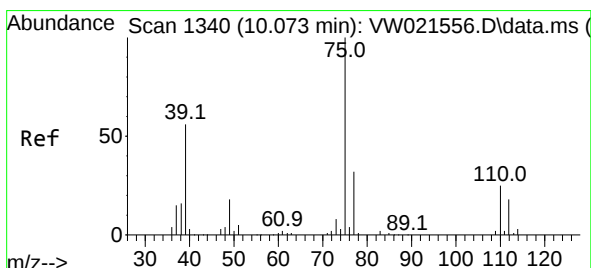
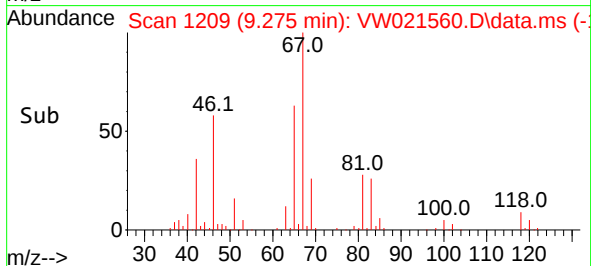
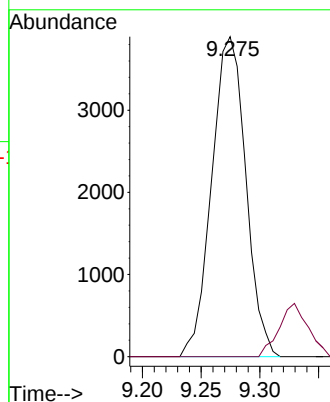
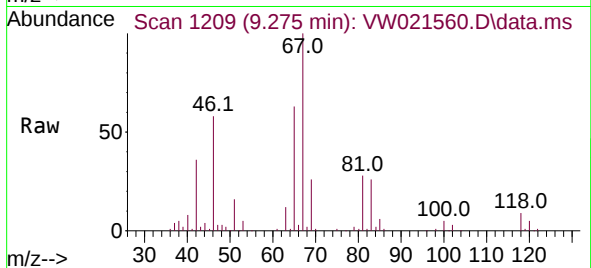
ClientSampleId :

Tgt Ion: 63 Resp: 7864

Ion Ratio Lower Upper

63 100

112 14.2 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.648 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.036 min

Lab File: VW021560.D

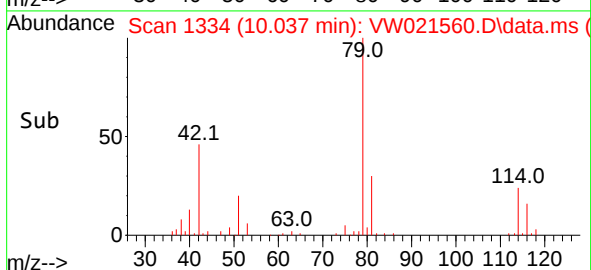
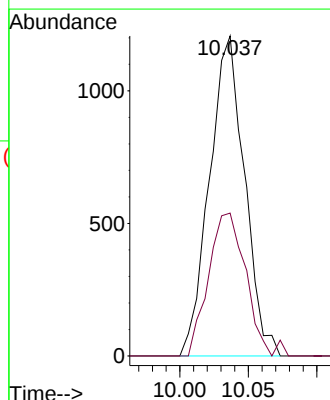
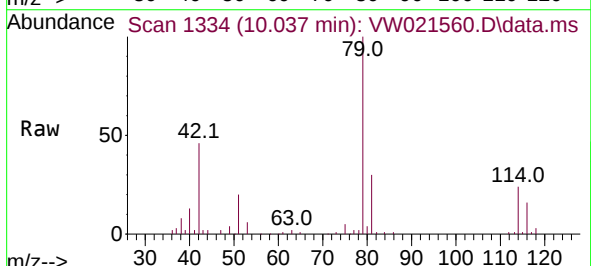
Acq: 22 Dec 2021 14:01

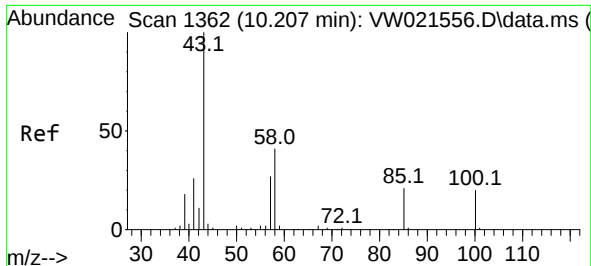
Tgt Ion: 75 Resp: 2149

Ion Ratio Lower Upper

75 100

77 44.7 21.8 40.6#





#40

4-Methyl-2-pentanone

Concen: 2.819 ug/L

RT: 10.207 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021560.D

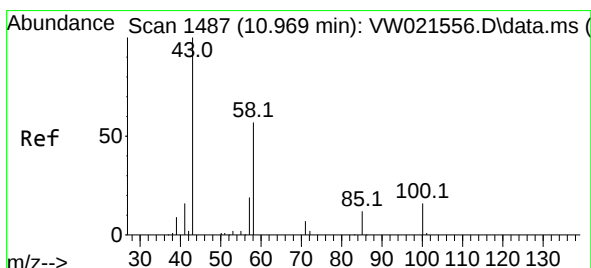
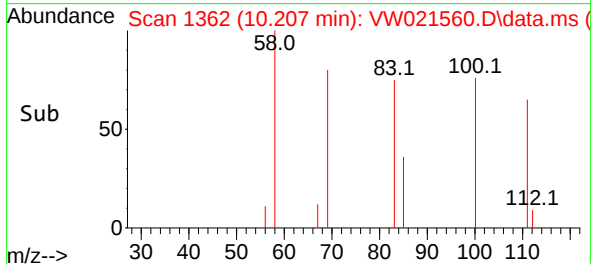
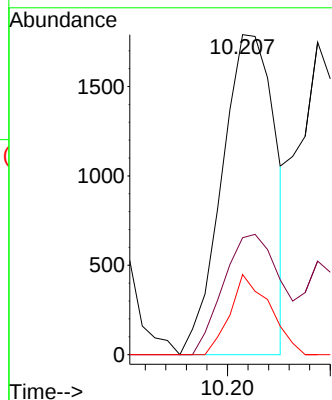
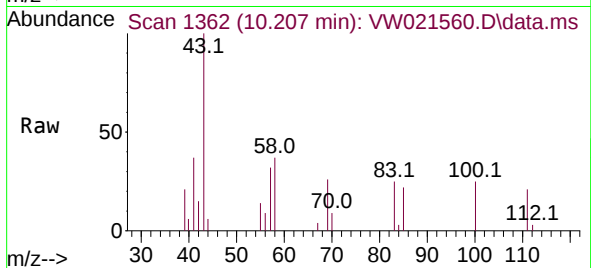
Acq: 22 Dec 2021 14:01

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	43	Resp:	3233
Ion	Ratio	Lower	Upper
43	100		
58	40.3	28.8	43.2
100	18.7	10.0	15.0



#48

2-Hexanone

Concen: 25.759 ug/L

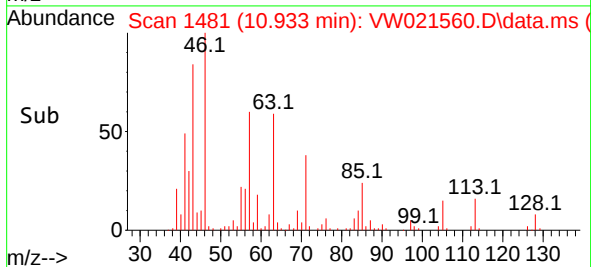
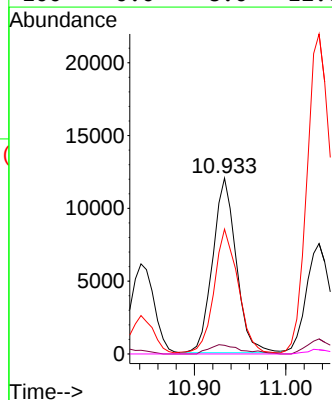
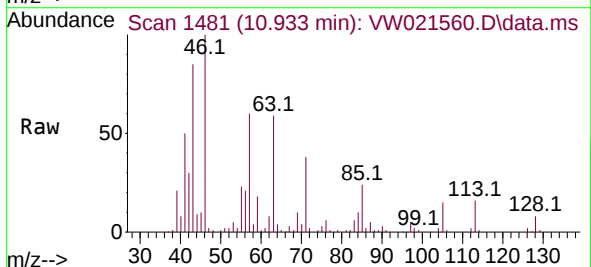
RT: 10.933 min Scan# 1481

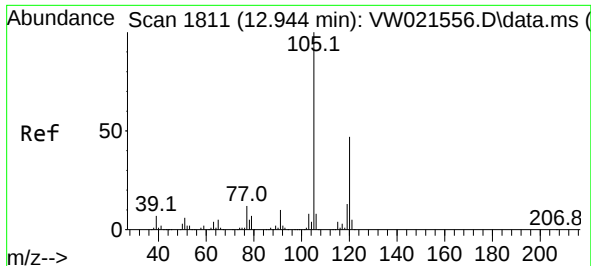
Delta R.T. -0.036 min

Lab File: VW021560.D

Acq: 22 Dec 2021 14:01

Tgt Ion:	43	Resp:	21425
Ion	Ratio	Lower	Upper
43	100		
58	6.4	40.2	60.2
57	71.9	14.3	21.5
100	0.0	8.0	12.0





#62

1,3,5-Trimethylbenzene

Concen: 5.923 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.000 min

Lab File: VW021560.D

Acq: 22 Dec 2021 14:01

Instrument :

MSVOA_W

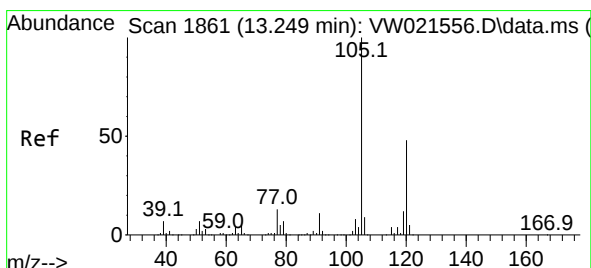
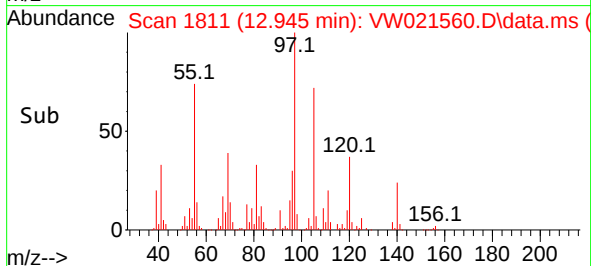
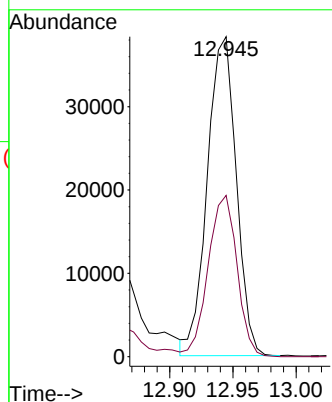
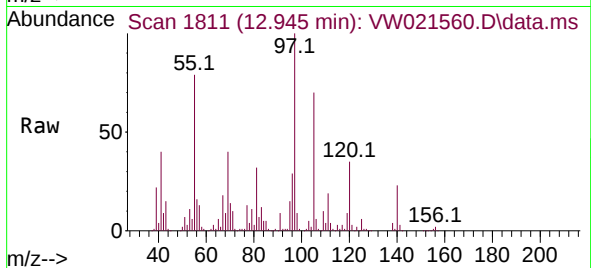
ClientSampleId :

Tgt Ion:105 Resp: 61048

Ion Ratio Lower Upper

105 100

120 50.3 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 10.808 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021560.D

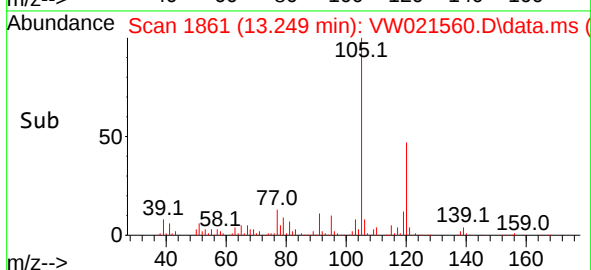
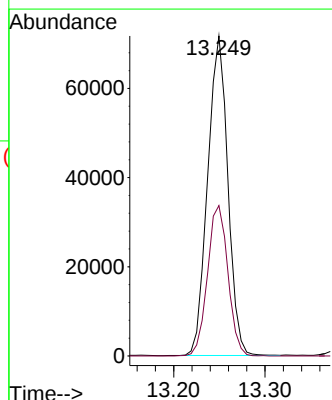
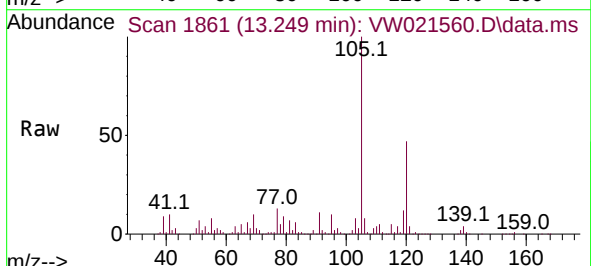
Acq: 22 Dec 2021 14:01

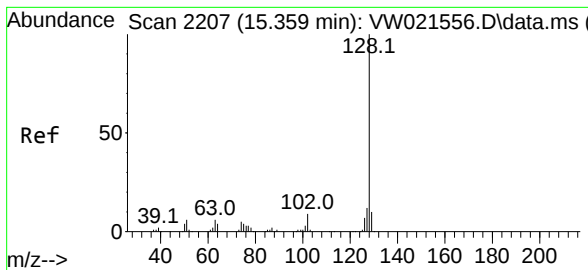
Tgt Ion:105 Resp: 109882

Ion Ratio Lower Upper

105 100

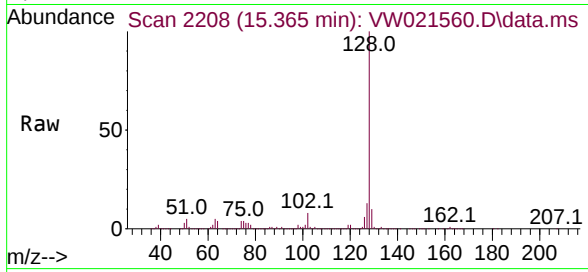
120 47.6 35.0 52.6





#71
Naphthalene
Concen: 101.315 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021560.D
Acq: 22 Dec 2021 14:01

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 565296
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.8 8.6 12.8

