

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021627.D
 Acq On : 23 Dec 2021 21:29
 Operator : SY/VA
 Sample : M5121-09RE
 Misc : 6.86g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 01:47:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

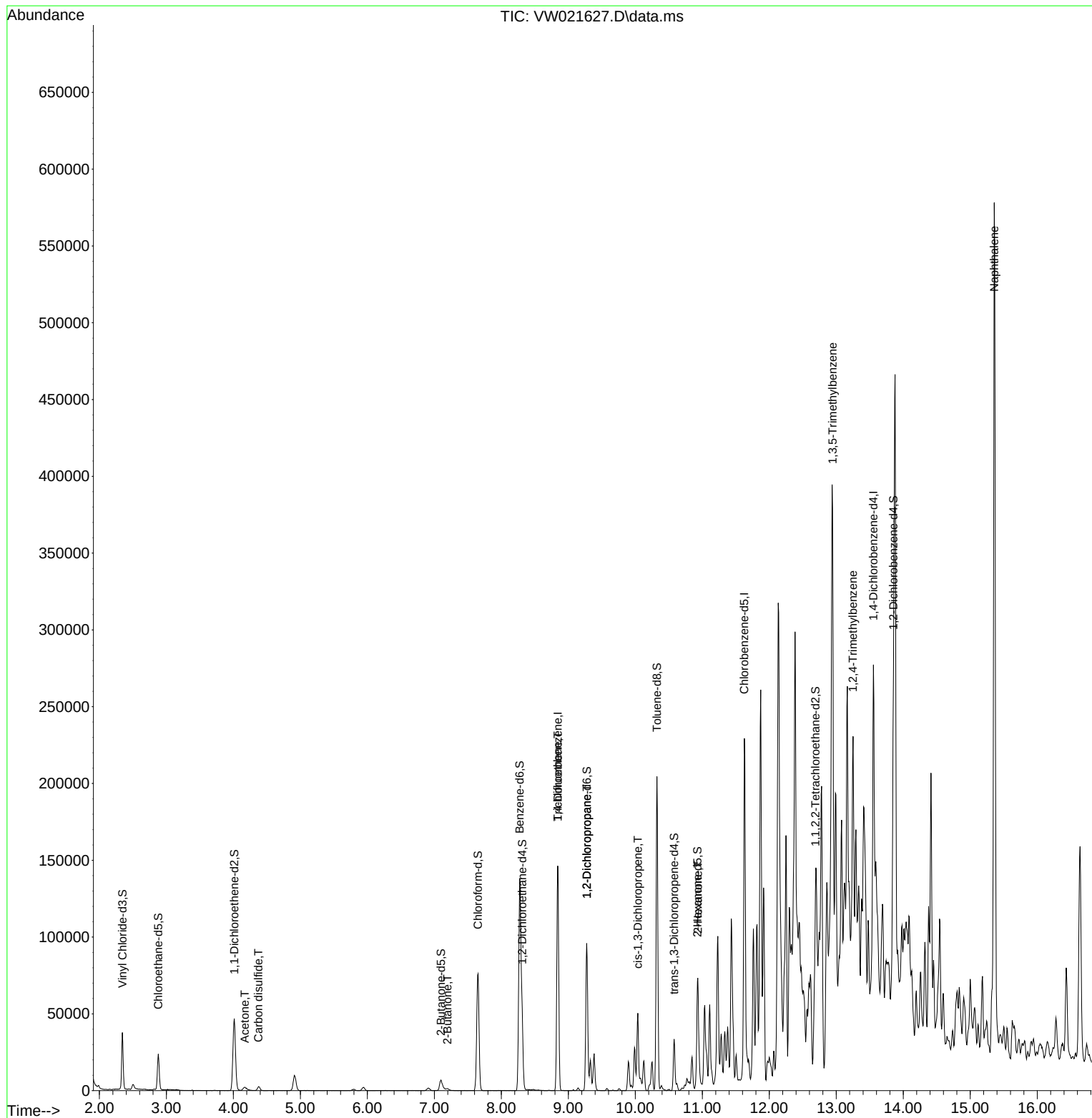
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	127084	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	123367	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	61644	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	34532	14.920	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.680%
7) Chloroethane-d5	2.879	69	24752	16.177	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.720%
11) 1,1-Dichloroethene-d2	4.013	63	43320	14.039	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.160%
21) 2-Butanone-d5	7.098	46	14076	43.144	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.280%
24) Chloroform-d	7.653	84	77567	21.902	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	8.311	65	40288	21.386	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.560%
32) Benzene-d6	8.275	84	139678	20.656	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.640%
36) 1,2-Dichloropropane-d6	9.275	67	40125	22.125	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.520%
41) Toluene-d8	10.323	98	132908	19.236	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.960%
43) trans-1,3-Dichloroprop...	10.579	79	15362	18.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.600%
47) 2-Hexanone-d5	10.927	63	12495	46.593	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.180%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	33094	21.228	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	46581	19.498	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.000%
Target Compounds						Qvalue
13) Acetone	4.172	43	6477	22.145	ug/L	83
14) Carbon disulfide	4.373	76	5471	1.345	ug/L	98
22) 2-Butanone	7.196	43	2149	5.626	ug/L	100
34) Trichloroethene	8.842	95	3744	1.985	ug/L	# 5
37) 1,2-Dichloropropane	9.275	63	5274	3.518	ug/L	# 62
39) cis-1,3-Dichloropropene	10.037	75	1461	0.618	ug/L	# 58
48) 2-Hexanone	10.933	43	15658	26.435	ug/L	# 27
62) 1,3,5-Trimethylbenzene	12.945	105	46465	6.519	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	87754	12.481	ug/L	96
71) Naphthalene	15.359	128	468527	121.418	ug/L	99

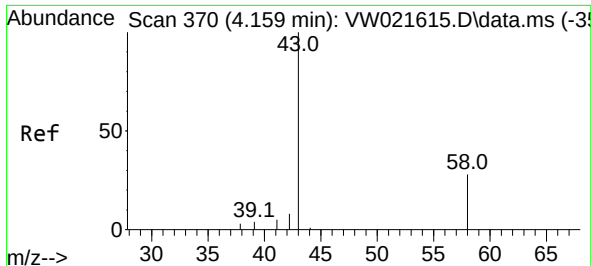
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 24 01:43:02 2021
Response via : Initial Calibration





#13

Acetone

Concen: 22.145 ug/L

RT: 4.172 min Scan# 31

Delta R.T. 0.012 min

Lab File: VW021627.D

Acq: 23 Dec 2021 21:29

Instrument :

MSVOA_W

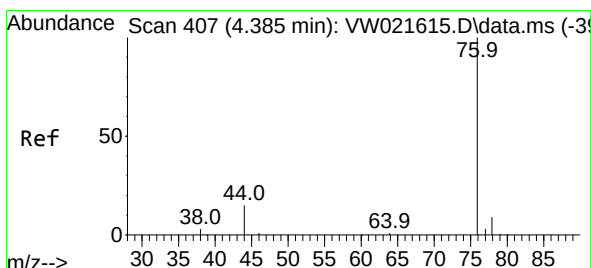
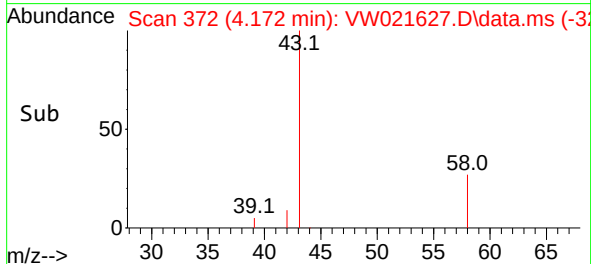
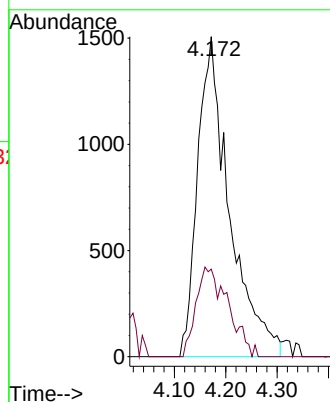
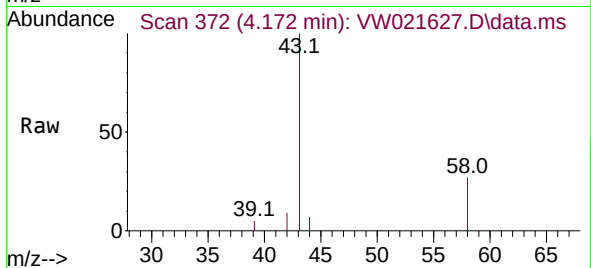
ClientSampleId :

Tgt Ion: 43 Resp: 6477

Ion Ratio Lower Upper

43 100

58 17.5 0.0 52.8



#14

Carbon disulfide

Concen: 1.345 ug/L

RT: 4.373 min Scan# 405

Delta R.T. -0.012 min

Lab File: VW021627.D

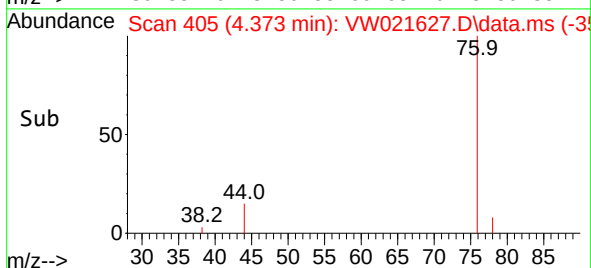
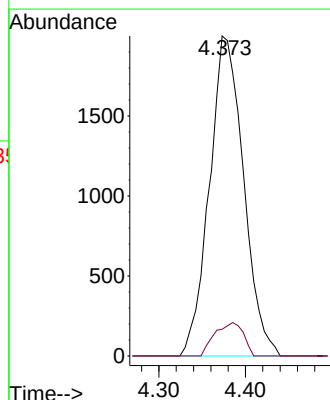
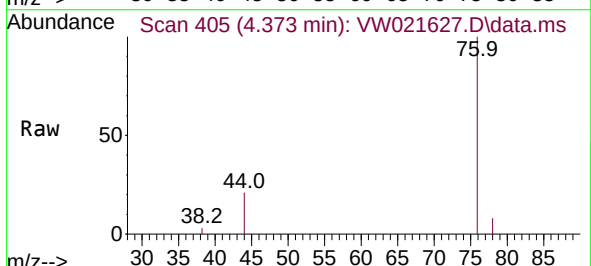
Acq: 23 Dec 2021 21:29

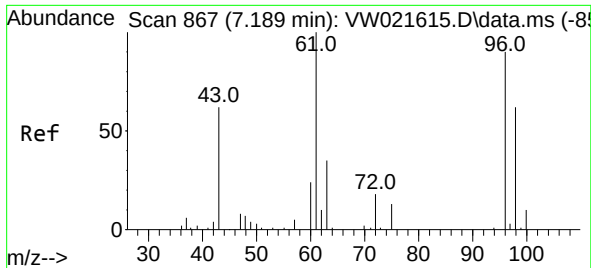
Tgt Ion: 76 Resp: 5471

Ion Ratio Lower Upper

76 100

78 8.3 7.1 10.7

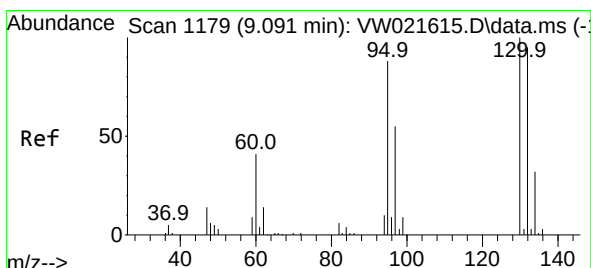
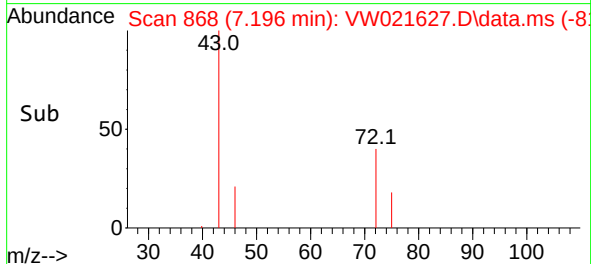
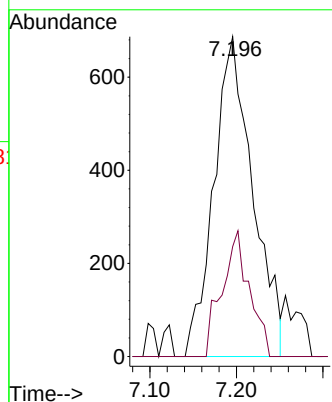
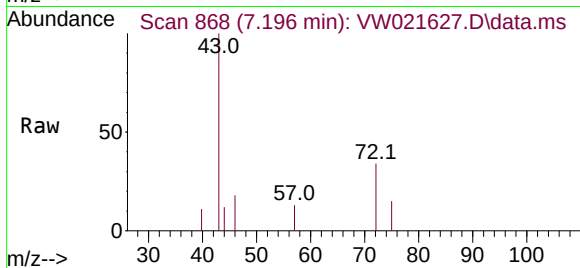




#22
2-Butanone
Concen: 5.626 ug/L
RT: 7.196 min Scan# 868
Delta R.T. 0.006 min
Lab File: VW021627.D
Acq: 23 Dec 2021 21:29

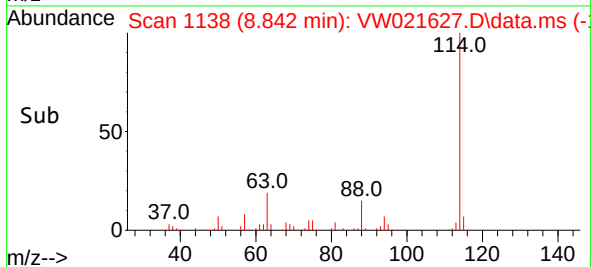
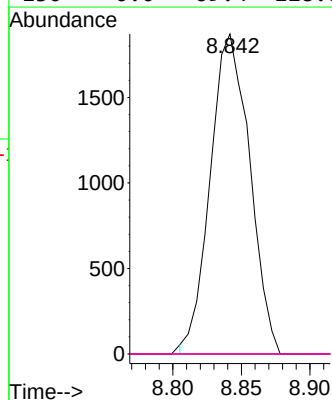
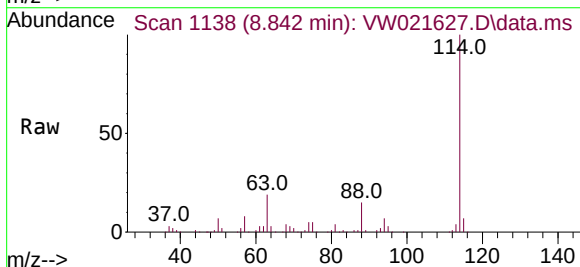
Instrument :
MSVOA_W
ClientSampleId :

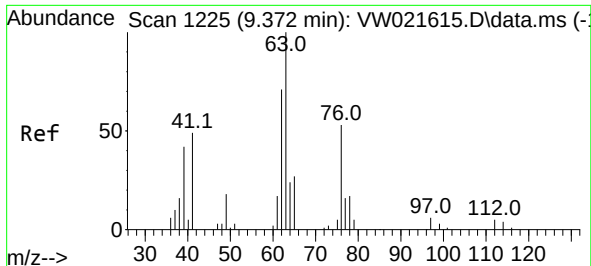
Tgt Ion: 43 Resp: 2149
Ion Ratio Lower Upper
43 100
72 23.6 11.8 35.4



#34
Trichloroethene
Concen: 1.985 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW021627.D
Acq: 23 Dec 2021 21:29

Tgt Ion: 95 Resp: 3744
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: 3.518 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.097 min

Lab File: VW021627.D

Acq: 23 Dec 2021 21:29

Instrument :

MSVOA_W

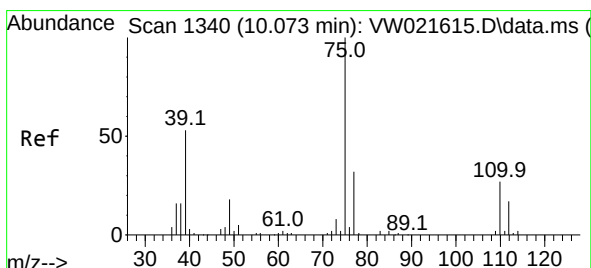
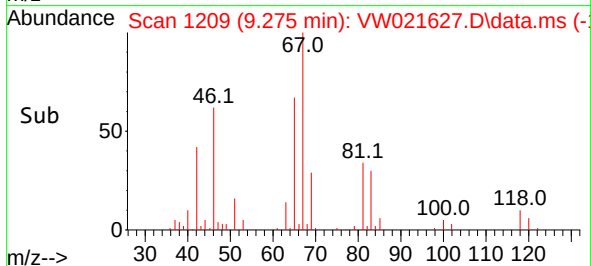
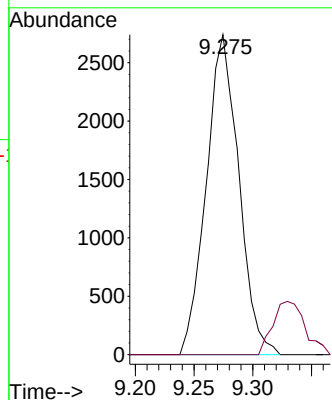
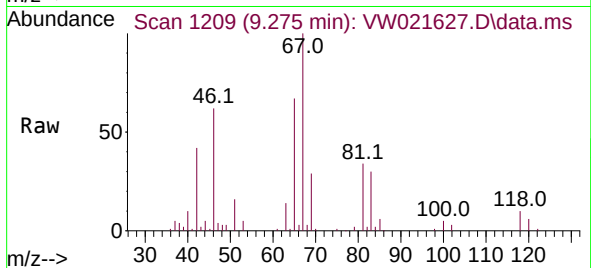
ClientSampleId :

Tgt Ion: 63 Resp: 5274

Ion Ratio Lower Upper

63 100

112 16.5 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.618 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.036 min

Lab File: VW021627.D

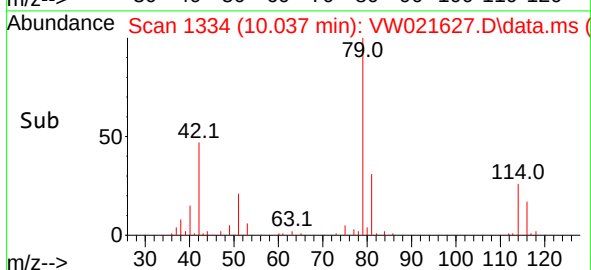
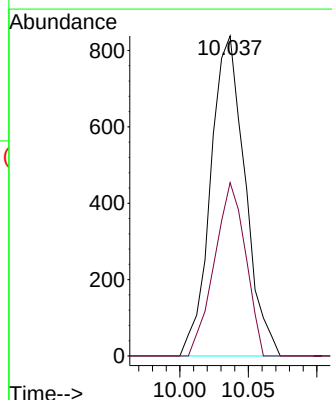
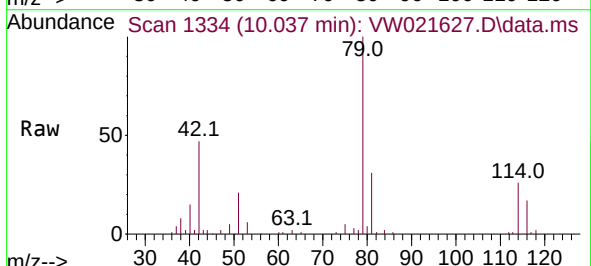
Acq: 23 Dec 2021 21:29

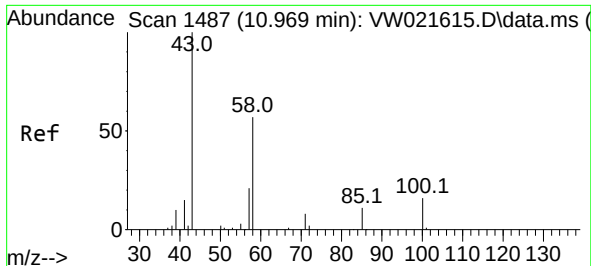
Tgt Ion: 75 Resp: 1461

Ion Ratio Lower Upper

75 100

77 54.2 21.8 40.6#

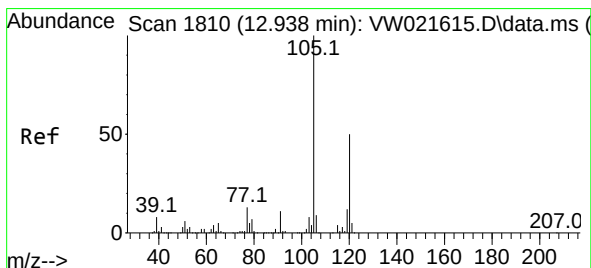
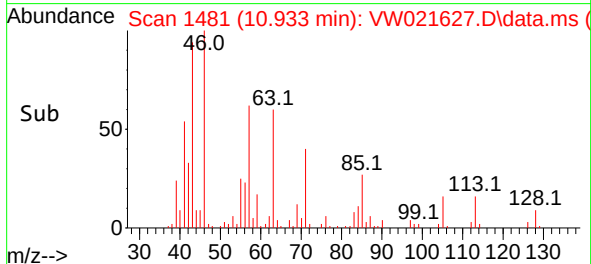
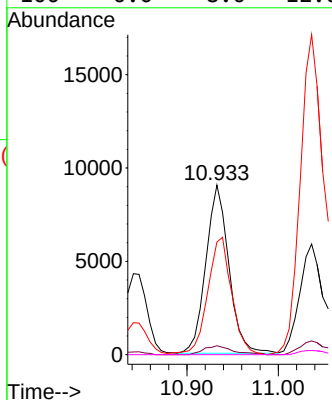
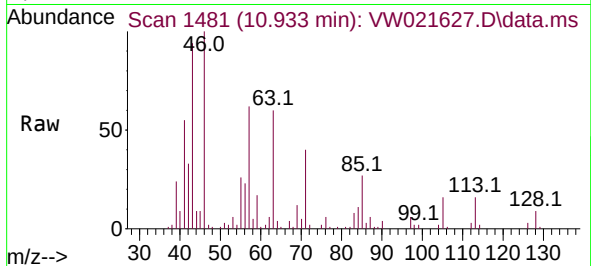




#48
2-Hexanone
Concen: 26.435 ug/L
RT: 10.933 min Scan# 1487
Delta R.T. -0.036 min
Lab File: VW021627.D
Acq: 23 Dec 2021 21:29

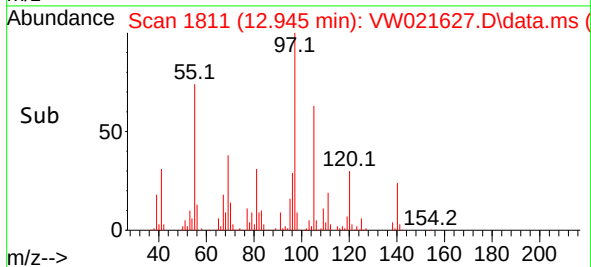
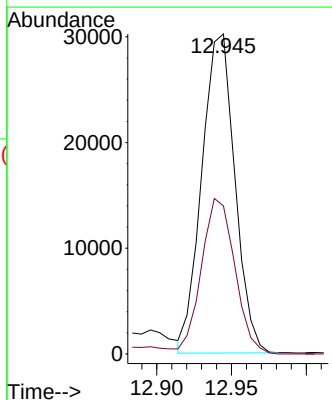
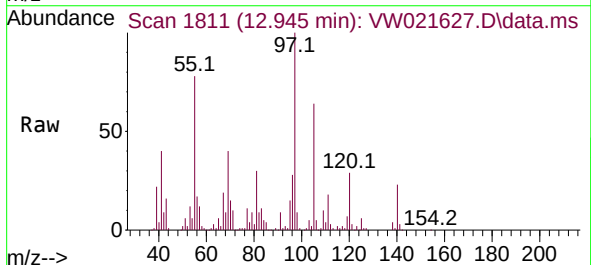
Instrument :
MSVOA_W
ClientSampleId :

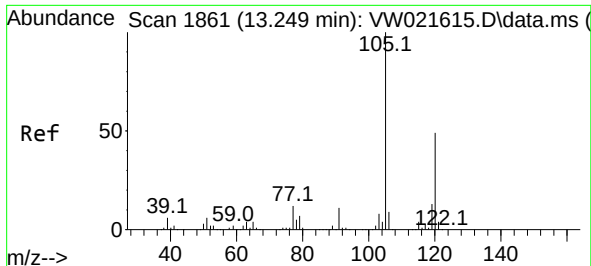
Tgt Ion: 43	Resp: 15658
Ion Ratio	Lower Upper
43	100
58	6.5 40.2 60.2#
57	73.3 14.3 21.5#
100	0.0 8.0 12.0#



#62
1,3,5-Trimethylbenzene
Concen: 6.519 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021627.D
Acq: 23 Dec 2021 21:29

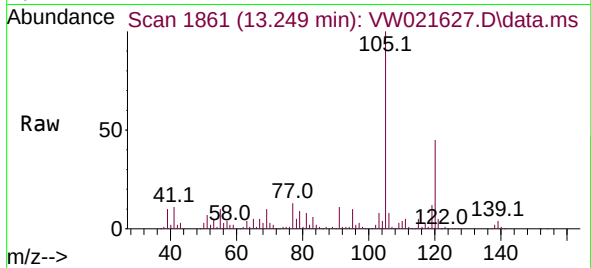
Tgt Ion: 105	Resp: 46465
Ion Ratio	Lower Upper
105	100
120	49.1 37.4 56.2



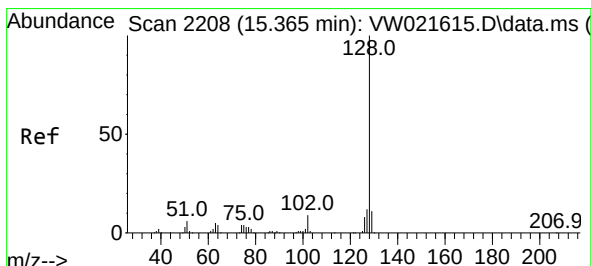
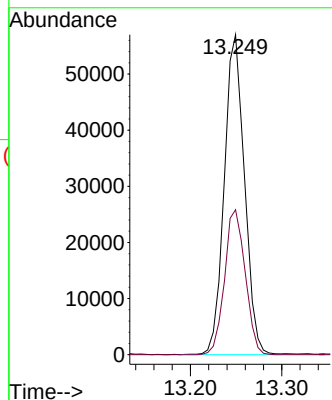
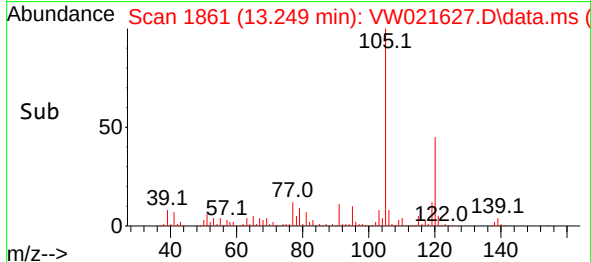


#63
1,2,4-Trimethylbenzene
Concen: 12.481 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021627.D
Acq: 23 Dec 2021 21:29

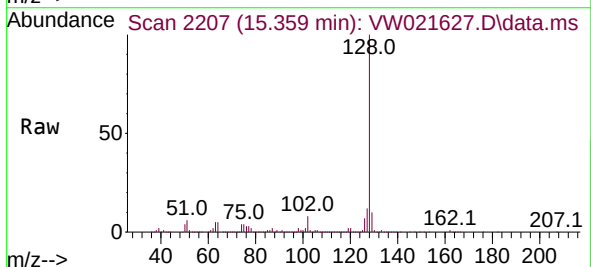
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:105 Resp: 87754
Ion Ratio Lower Upper
105 100
120 46.1 35.0 52.6



#71
Naphthalene
Concen: 121.418 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW021627.D
Acq: 23 Dec 2021 21:29



Tgt Ion:128 Resp: 468527
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.1 8.6 12.8

