

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021562.D
 Acq On : 22 Dec 2021 14:52
 Operator : SY/VA
 Sample : M5154-01RE
 Misc : 6.61g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 00:36:34 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)

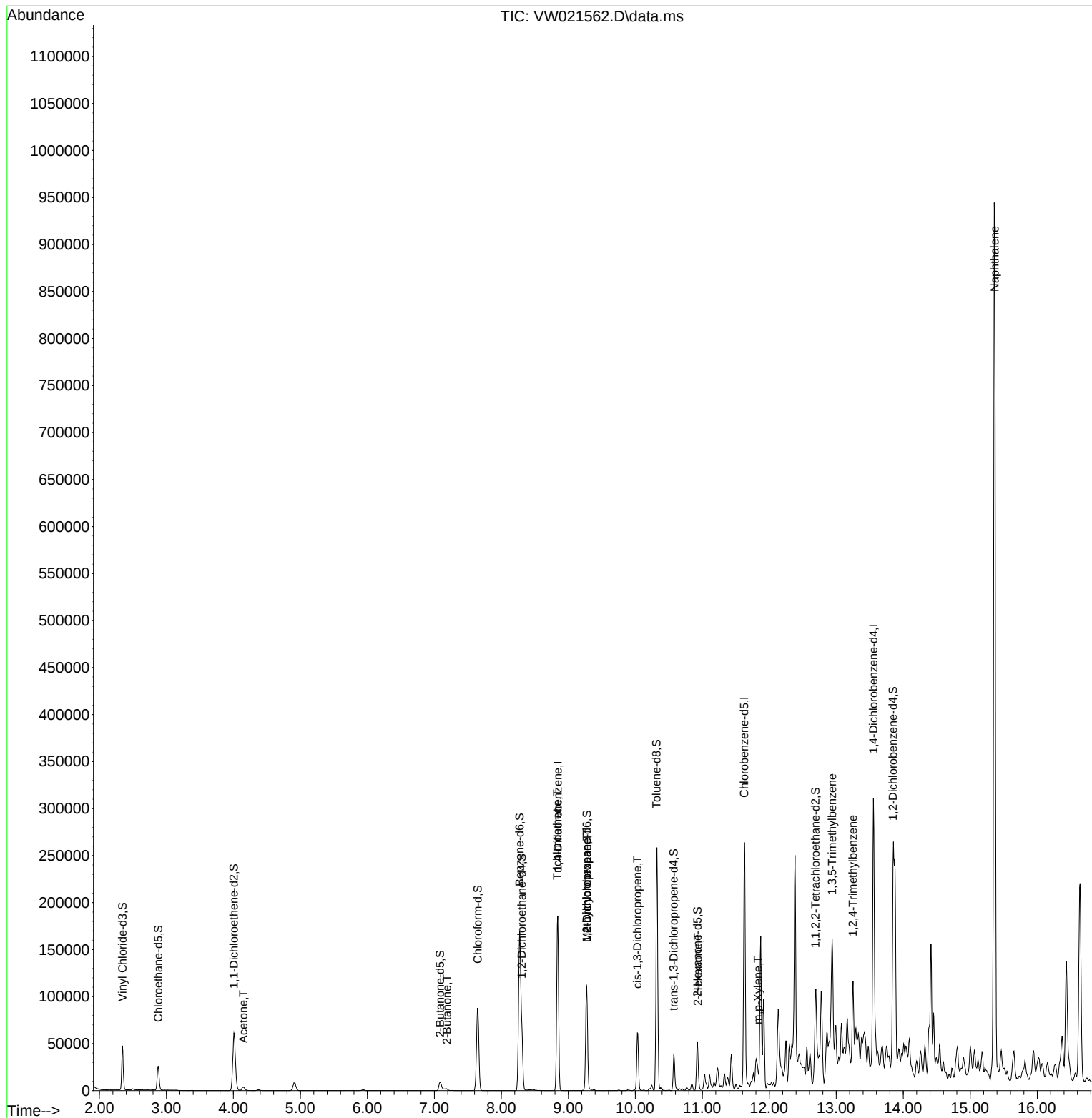
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	162651	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	147904	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	78829	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	44970	15.181	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.720%
7) Chloroethane-d5	2.879	69	29381	15.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.000%
11) 1,1-Dichloroethene-d2	4.007	63	57030	14.441	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.760%
21) 2-Butanone-d5	7.086	46	16256	38.930	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.860%
24) Chloroform-d	7.647	84	89154	19.669	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.680%
26) 1,2-Dichloroethane-d4	8.305	65	48237	20.006	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.040%
32) Benzene-d6	8.275	84	173725	21.429	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.720%
36) 1,2-Dichloropropane-d6	9.275	67	48244	22.189	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.760%
41) Toluene-d8	10.317	98	168600	20.354	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	10.573	79	20378	20.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.440%
47) 2-Hexanone-d5	10.927	63	14650	45.566	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.140%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	35292	18.882	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.520%
66) 1,2-Dichlorobenzene-d4	13.847	152	59262	19.398	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.600%
Target Compounds						Qvalue
13) Acetone	4.147	43	8135	21.732	ug/L	94
22) 2-Butanone	7.190	43	2825	5.779	ug/L	88
34) Trichloroethene	8.836	95	4878	2.157	ug/L #	5
35) Methylcyclohexane	9.275	83	13195	3.537	ug/L #	15
37) 1,2-Dichloropropane	9.275	63	6224	3.463	ug/L #	88
39) cis-1,3-Dichloropropene	10.031	75	1833	0.647	ug/L #	77
48) 2-Hexanone	10.933	43	6731	9.478	ug/L #	34
53) m,p-Xylene	11.829	106	4019	0.925	ug/L	78
62) 1,3,5-Trimethylbenzene	12.939	105	16319	1.790	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	48147	5.355	ug/L	96
71) Naphthalene	15.365	128	828422	167.883	ug/L	99

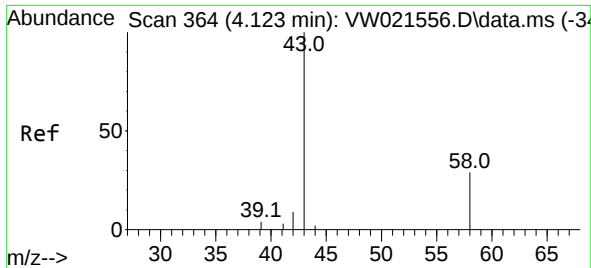
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 21.732 ug/L

RT: 4.147 min Scan# 3

Delta R.T. 0.025 min

Lab File: VW021562.D

Acq: 22 Dec 2021 14:52

Instrument :

MSVOA_W

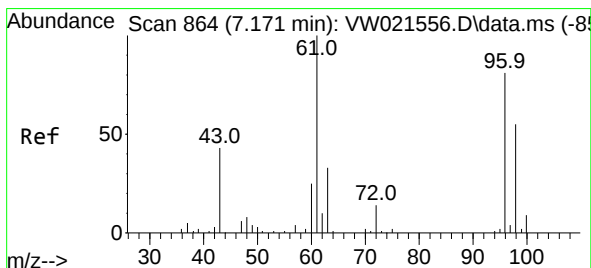
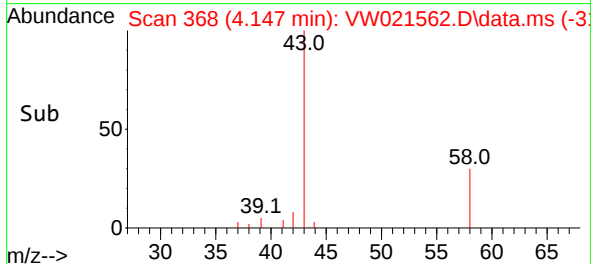
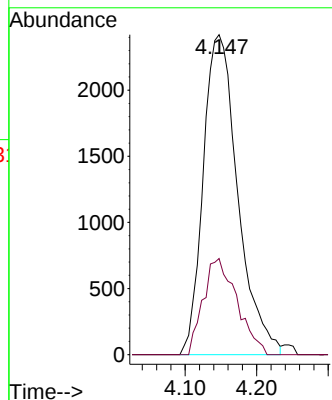
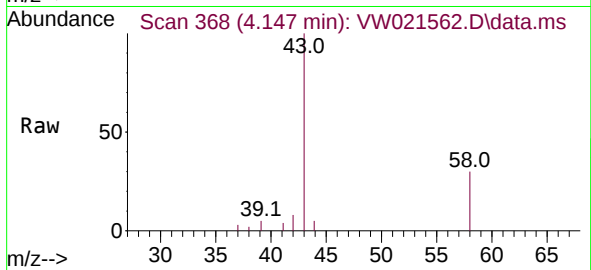
ClientSampleId :

Tgt Ion: 43 Resp: 8135

Ion Ratio Lower Upper

43 100

58 29.3 0.0 52.8



#22

2-Butanone

Concen: 5.779 ug/L

RT: 7.190 min Scan# 867

Delta R.T. 0.019 min

Lab File: VW021562.D

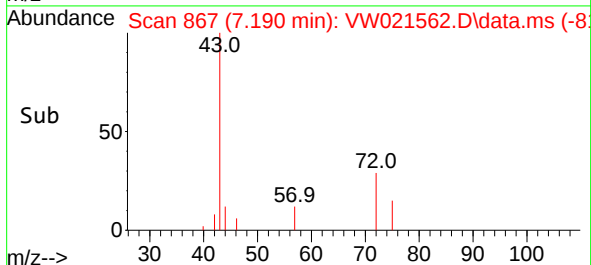
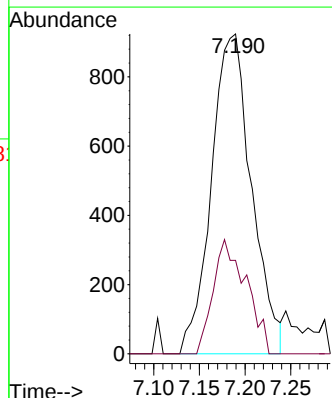
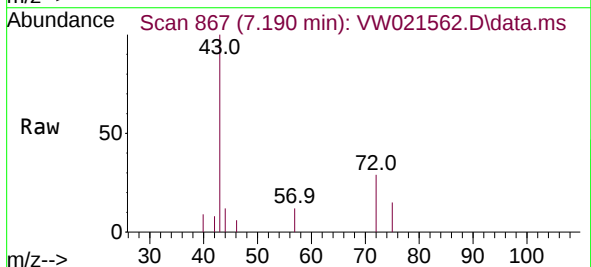
Acq: 22 Dec 2021 14:52

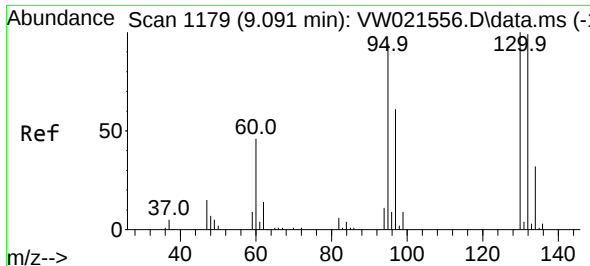
Tgt Ion: 43 Resp: 2825

Ion Ratio Lower Upper

43 100

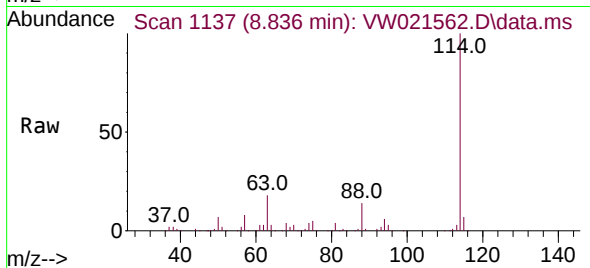
72 29.4 11.8 35.4



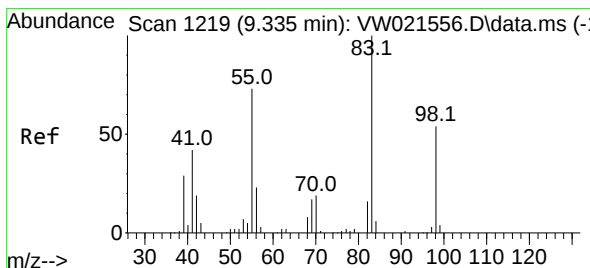
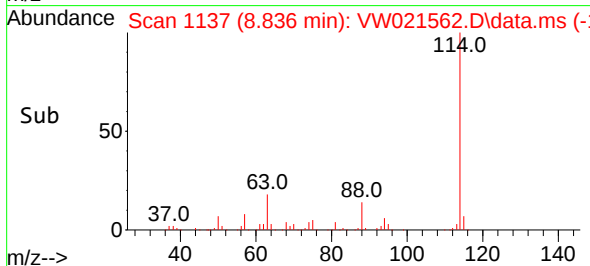
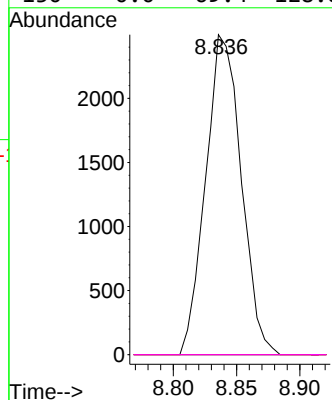


#34
Trichloroethene
Concen: 2.157 ug/L
RT: 8.836 min Scan# 1179
Delta R.T. -0.256 min
Lab File: VW021562.D
Acq: 22 Dec 2021 14:52

Instrument :
MSVOA_W
ClientSampleId :

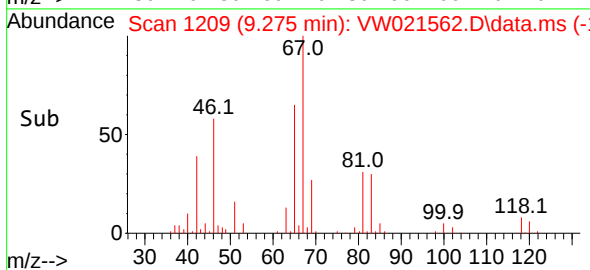
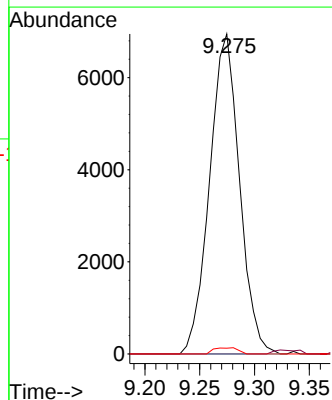
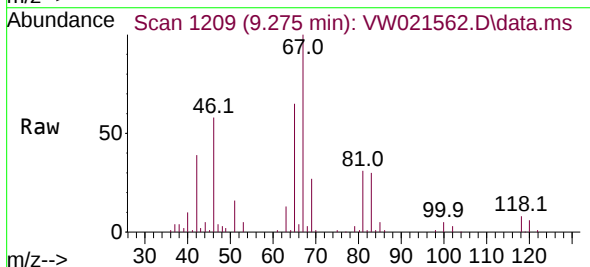


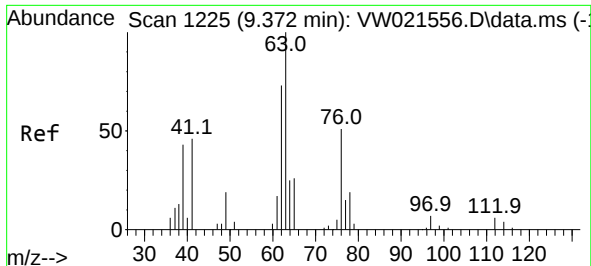
Tgt Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.2#
132	0.0	65.5	121.6#
130	0.0	69.4	128.8#



#35
Methylcyclohexane
Concen: 3.537 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021562.D
Acq: 22 Dec 2021 14:52

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.8	70.8	106.2#
98	1.6	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 3.463 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.097 min

Lab File: VW021562.D

Acq: 22 Dec 2021 14:52

Instrument :

MSVOA_W

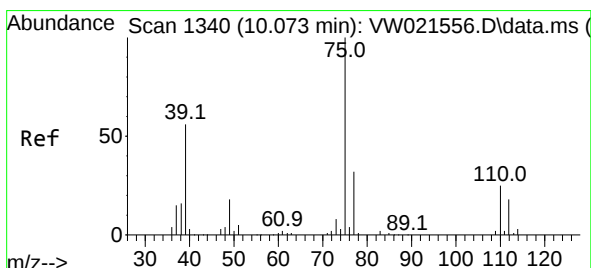
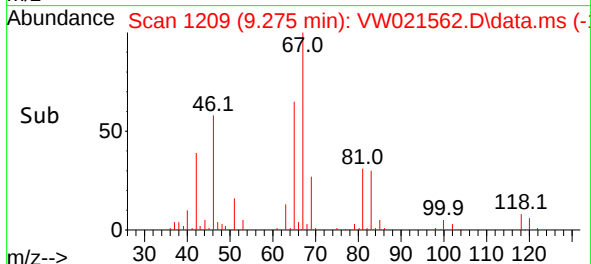
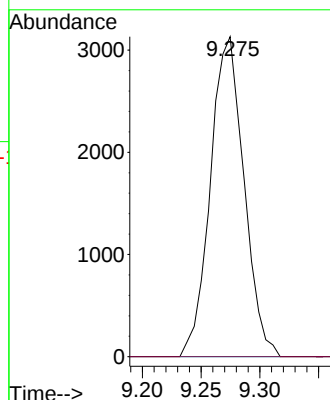
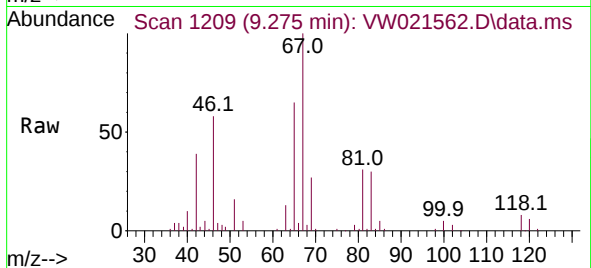
ClientSampleId :

Tgt Ion: 63 Resp: 6224

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.647 ug/L

RT: 10.031 min Scan# 1333

Delta R.T. -0.042 min

Lab File: VW021562.D

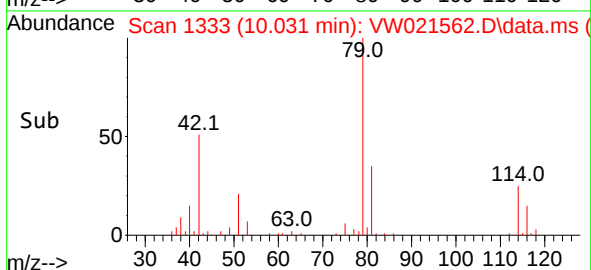
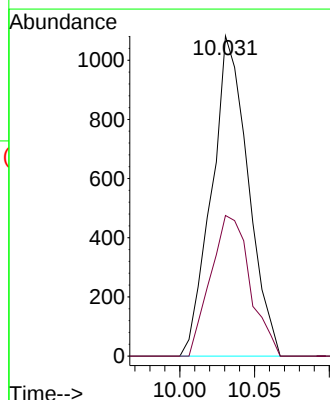
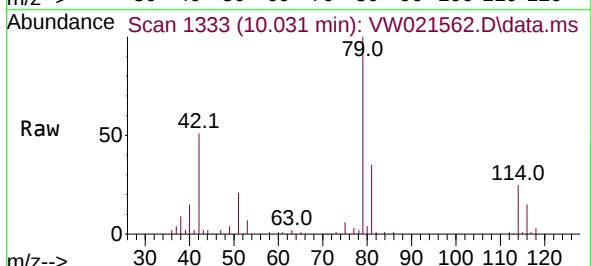
Acq: 22 Dec 2021 14:52

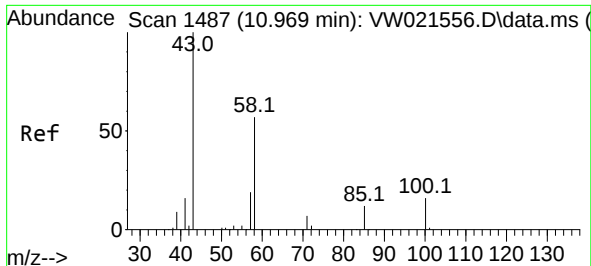
Tgt Ion: 75 Resp: 1833

Ion Ratio Lower Upper

75 100

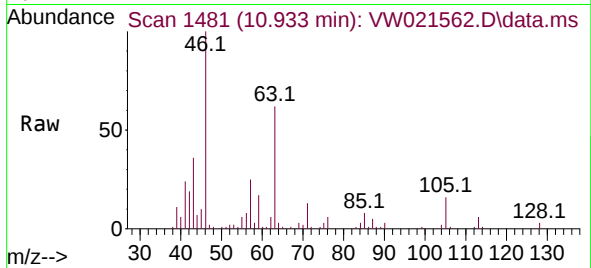
77 43.9 21.8 40.6#



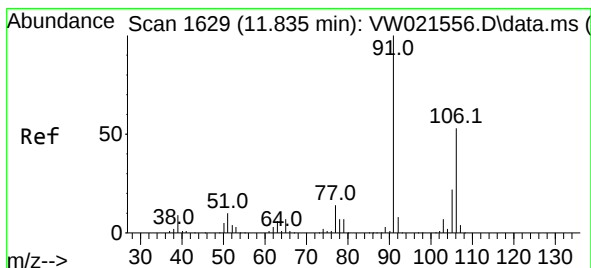
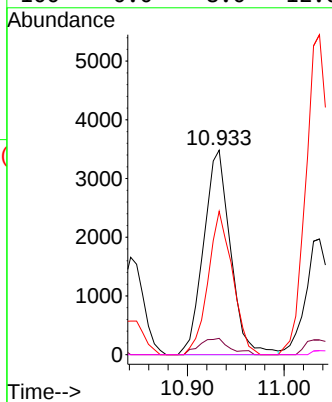
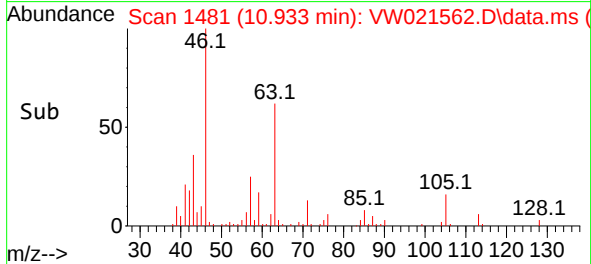


#48
2-Hexanone
Concen: 9.478 ug/L
RT: 10.933 min Scan# 1487
Delta R.T. -0.036 min
Lab File: VW021562.D
Acq: 22 Dec 2021 14:52

Instrument :
MSVOA_W
ClientSampleId :

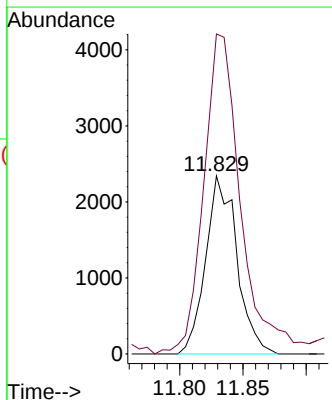
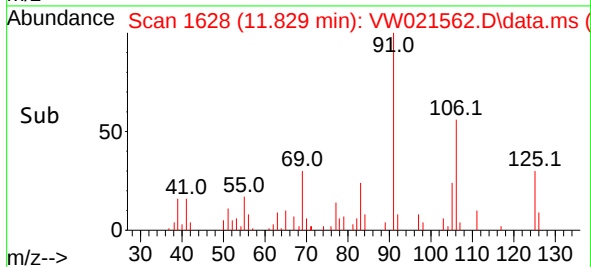
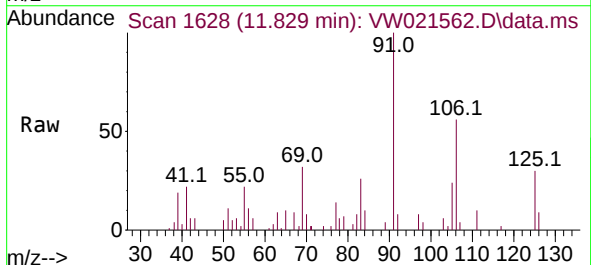


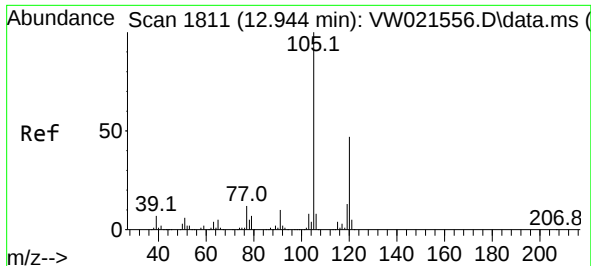
Tgt Ion: 43 Resp: 6731
Ion Ratio Lower Upper
43 100
58 8.2 40.2 60.2#
57 63.8 14.3 21.5#
100 0.0 8.0 12.0#



#53
m,p-Xylene
Concen: 0.925 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VW021562.D
Acq: 22 Dec 2021 14:52

Tgt Ion: 106 Resp: 4019
Ion Ratio Lower Upper
106 100
91 179.7 149.9 278.3

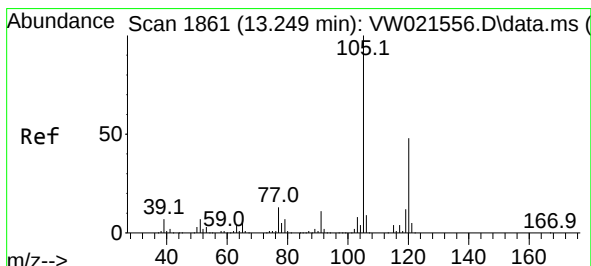
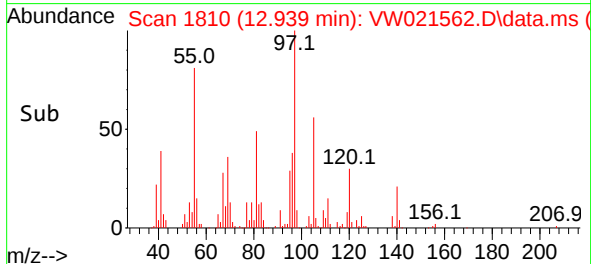
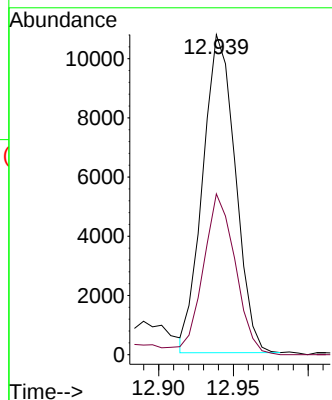
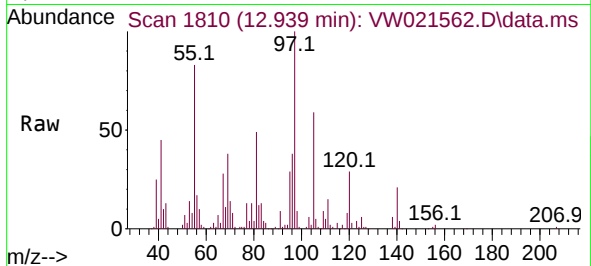




#62
1,3,5-Trimethylbenzene
Concen: 1.790 ug/L
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: VW021562.D
Acq: 22 Dec 2021 14:52

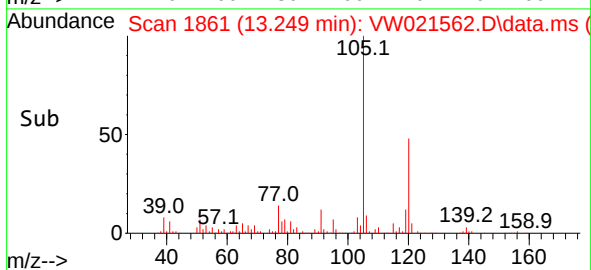
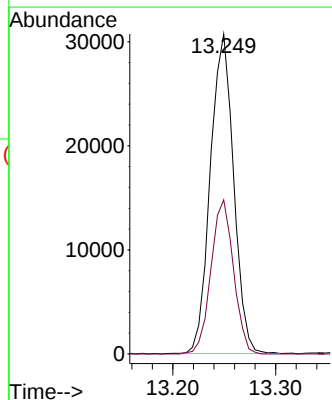
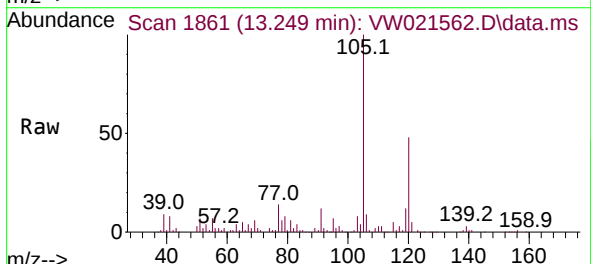
Instrument :
MSVOA_W
ClientSampleId :

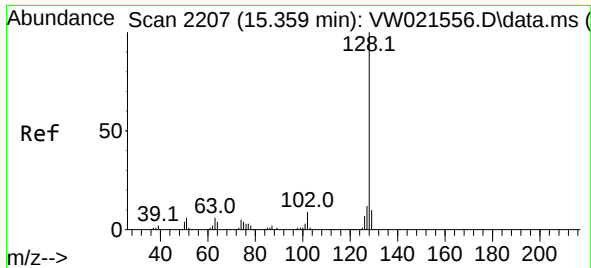
Tgt Ion:105 Resp: 16319
Ion Ratio Lower Upper
105 100
120 49.8 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 5.355 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021562.D
Acq: 22 Dec 2021 14:52

Tgt Ion:105 Resp: 48147
Ion Ratio Lower Upper
105 100
120 46.7 35.0 52.6





#71

Naphthalene

Concen: 167.883 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

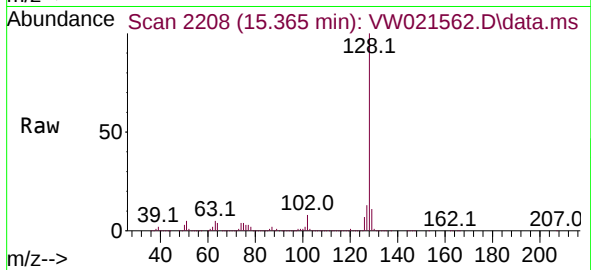
Lab File: VW021562.D

Acq: 22 Dec 2021 14:52

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:128 Resp: 828422

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.8 8.6 12.8

