

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021624.D
 Acq On : 23 Dec 2021 20:17
 Operator : SY/VA
 Sample : M5125-12RE
 Misc : 12.89g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 01:46:53 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)

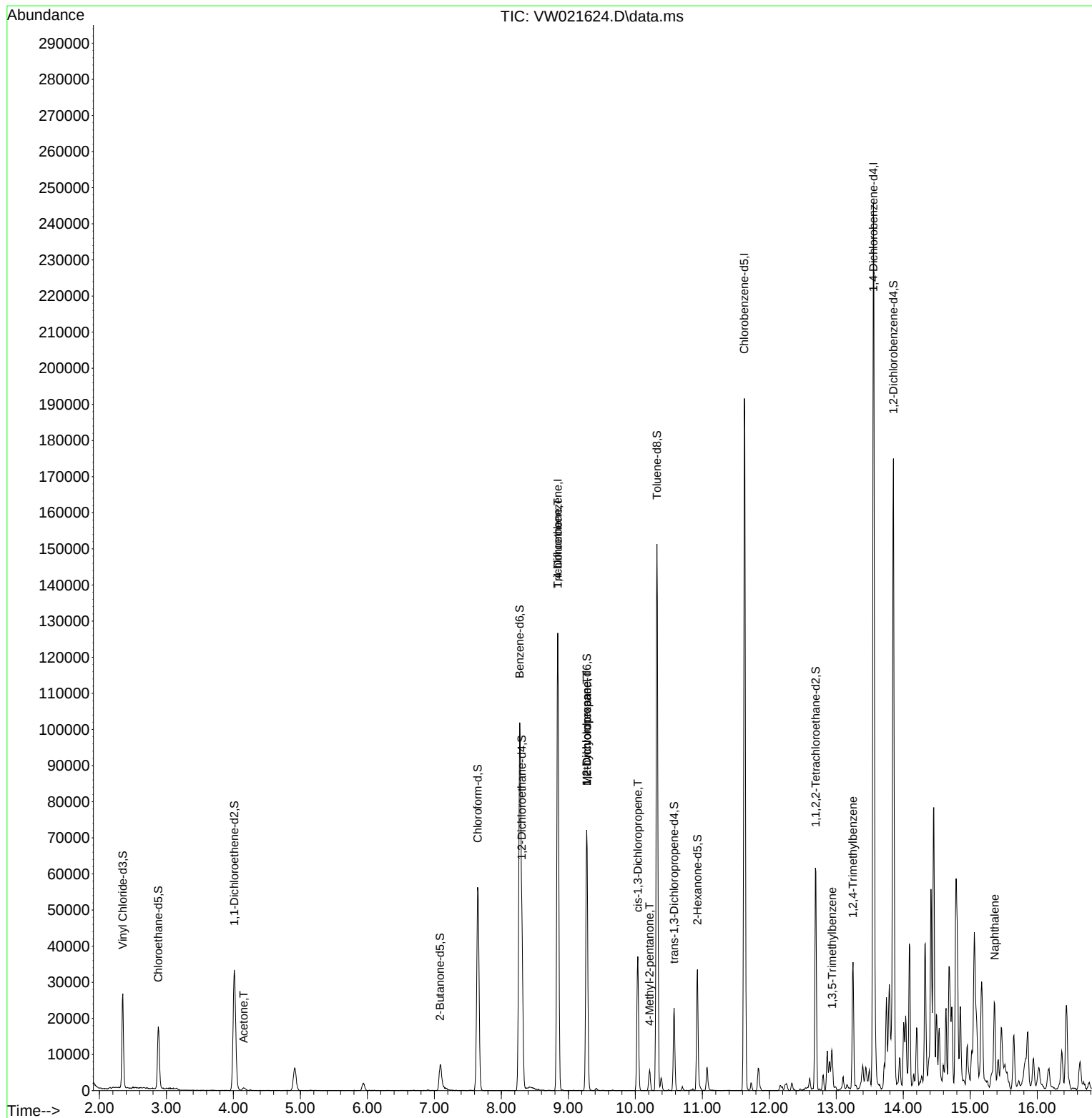
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	107240	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	106662	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	67084	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	25491	13.051	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.200%
7) Chloroethane-d5	2.879	69	19636	15.208	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.840%
11) 1,1-Dichloroethene-d2	4.013	63	31465	12.084	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.320%
21) 2-Butanone-d5	7.086	46	12799	46.489	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.980%
24) Chloroform-d	7.647	84	56371	18.862	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.440%
26) 1,2-Dichloroethane-d4	8.305	65	32807	20.637	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.560%
32) Benzene-d6	8.275	84	102497	17.531	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.120%
36) 1,2-Dichloropropane-d6	9.275	67	30841	19.669	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.680%
41) Toluene-d8	10.323	98	98923	16.560	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.240%
43) trans-1,3-Dichloroprop...	10.579	79	11466	15.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.520%
47) 2-Hexanone-d5	10.927	63	10792	46.545	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.100%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	27699	20.550	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	44102	16.963	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.840%#
Target Compounds						
					Qvalue	
13) Acetone	4.153	43	996	4.035	ug/L	71
34) Trichloroethene	8.842	95	3247	1.991	ug/L	# 5
35) Methylcyclohexane	9.275	83	8269	3.073	ug/L	# 14
37) 1,2-Dichloropropane	9.275	63	3922	3.026	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1060	0.519	ug/L	# 63
40) 4-Methyl-2-pentanone	10.213	43	3816	5.404	ug/L	# 95
62) 1,3,5-Trimethylbenzene	12.938	105	3075	0.396	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	20296	2.652	ug/L	99
71) Naphthalene	15.365	128	17998	4.286	ug/L	97

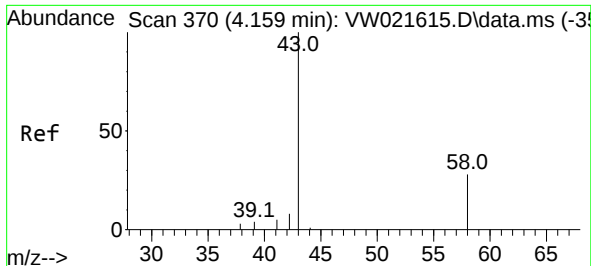
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 4.035 ug/L

RT: 4.153 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021624.D

Acq: 23 Dec 2021 20:17

Instrument :

MSVOA_W

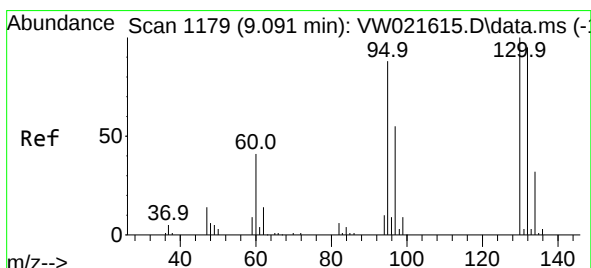
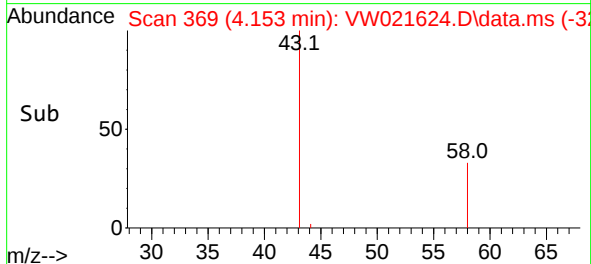
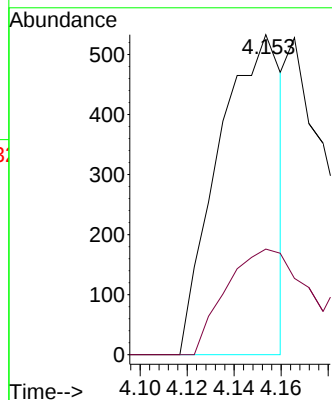
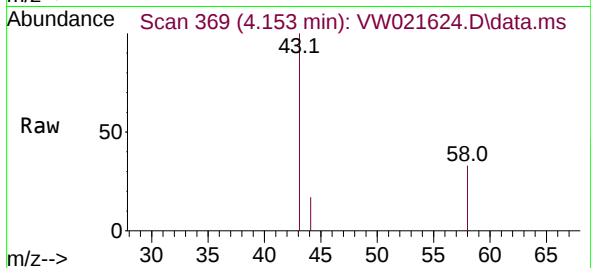
ClientSampleId :

Tgt Ion: 43 Resp: 996

Ion Ratio Lower Upper

43 100

58 41.4 0.0 52.8



#34

Trichloroethene

Concen: 1.991 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021624.D

Acq: 23 Dec 2021 20:17

Tgt Ion: 95 Resp: 3247

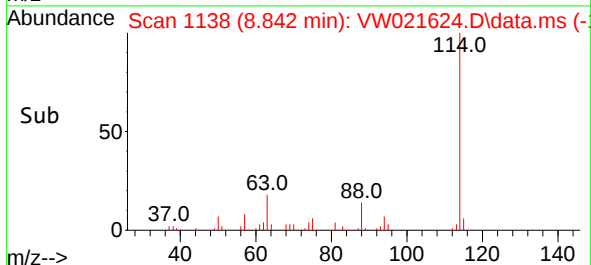
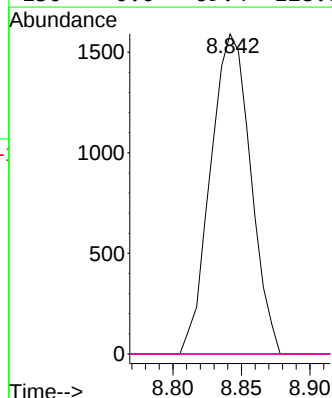
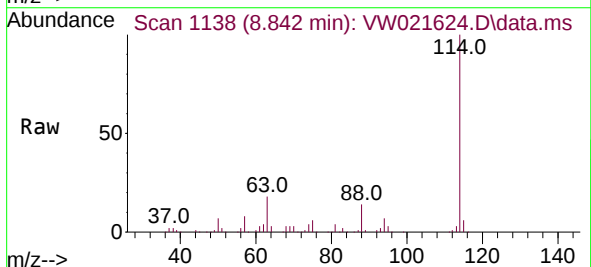
Ion Ratio Lower Upper

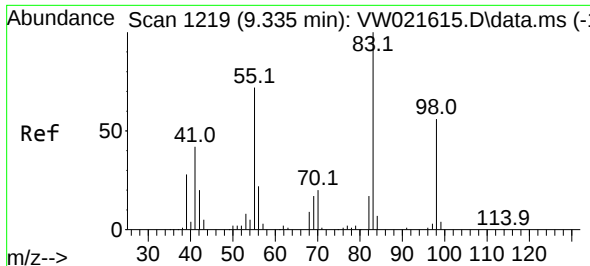
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#

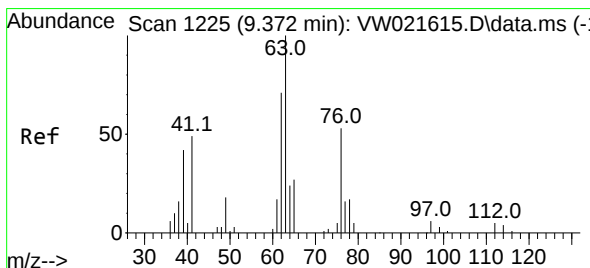
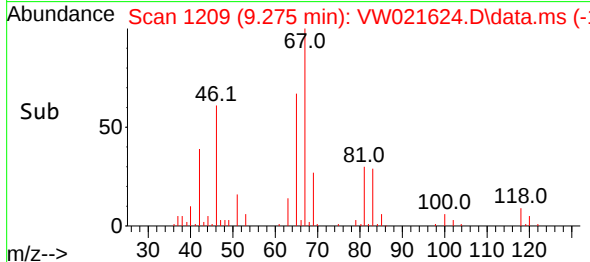
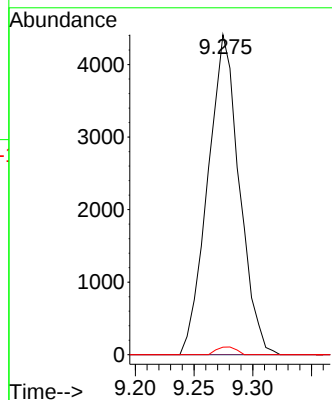
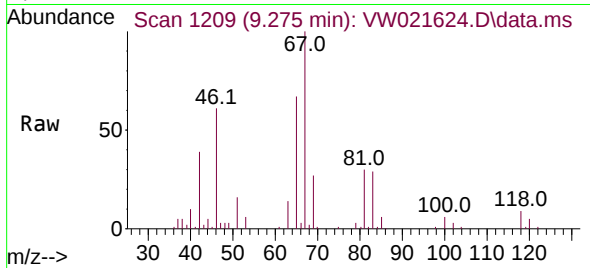




#35
Methylcyclohexane
Concen: 3.073 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021624.D
Acq: 23 Dec 2021 20:17

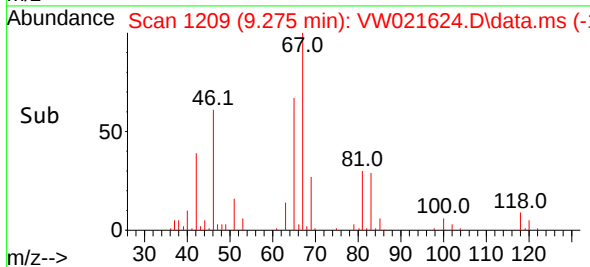
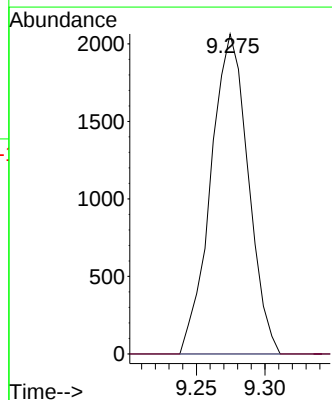
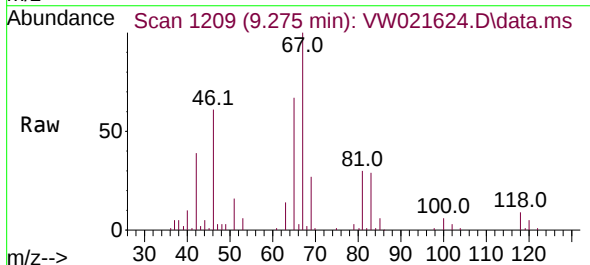
Instrument :
MSVOA_W
ClientSampleId :

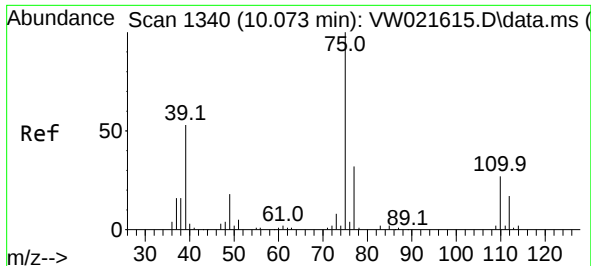
Tgt Ion: 83 Resp: 8269
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.5 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.026 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW021624.D
Acq: 23 Dec 2021 20:17

Tgt Ion: 63 Resp: 3922
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.519 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW021624.D

Acq: 23 Dec 2021 20:17

Instrument :

MSVOA_W

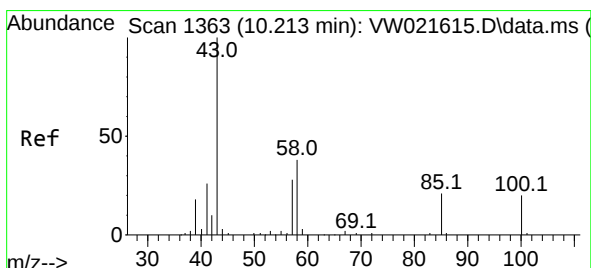
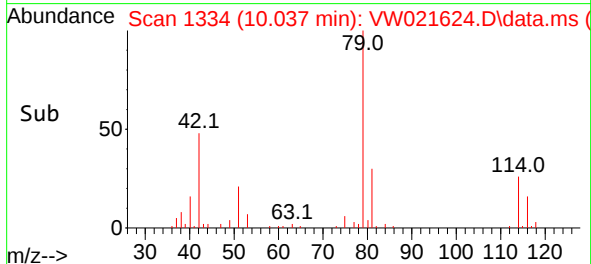
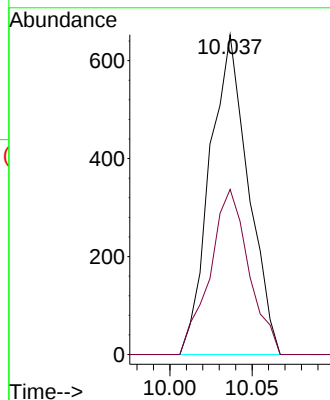
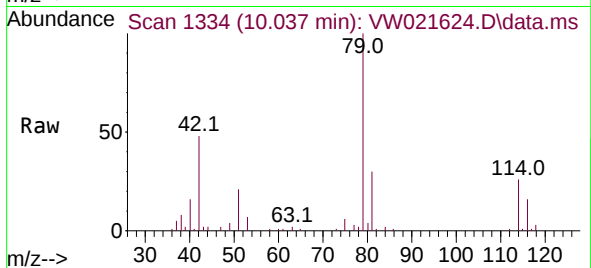
ClientSampleId :

Tgt Ion: 75 Resp: 1060

Ion Ratio Lower Upper

75 100

77 51.6 21.8 40.6#



#40

4-Methyl-2-pentanone

Concen: 5.404 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VW021624.D

Acq: 23 Dec 2021 20:17

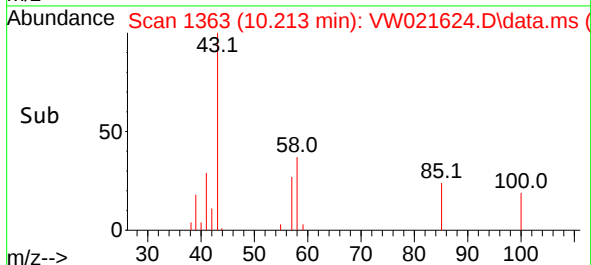
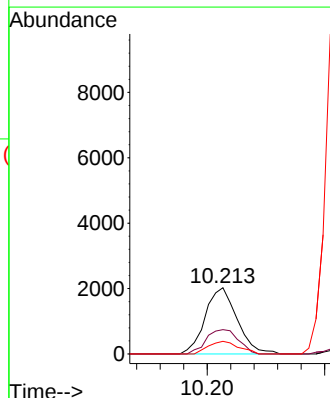
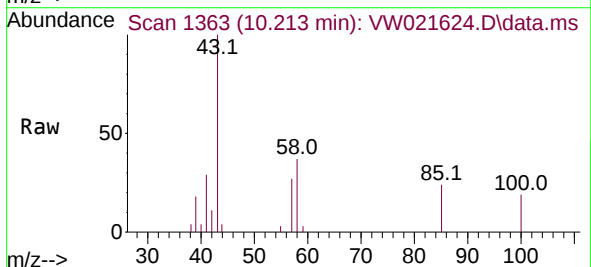
Tgt Ion: 43 Resp: 3816

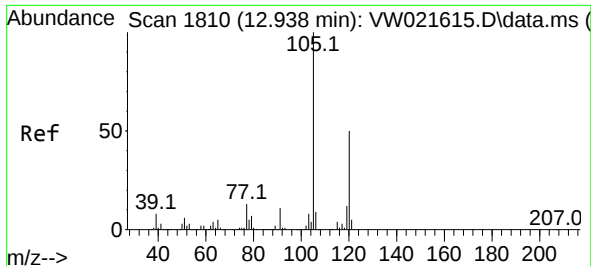
Ion Ratio Lower Upper

43 100

58 36.9 28.8 43.2

100 18.1 10.0 15.0#





#62

1,3,5-Trimethylbenzene

Concen: 0.396 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW021624.D

Acq: 23 Dec 2021 20:17

Instrument :

MSVOA_W

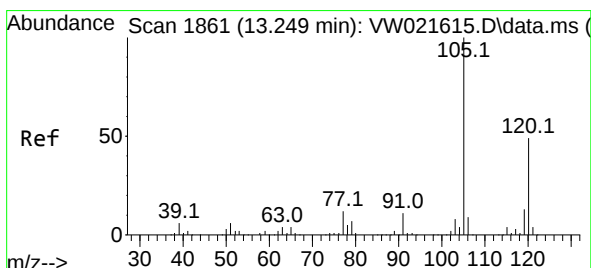
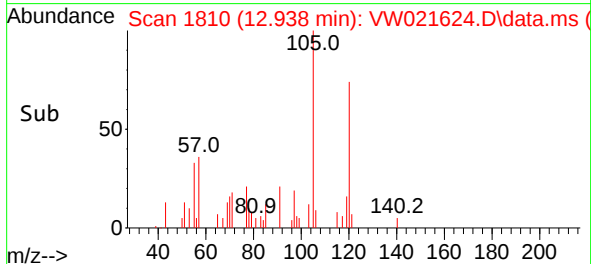
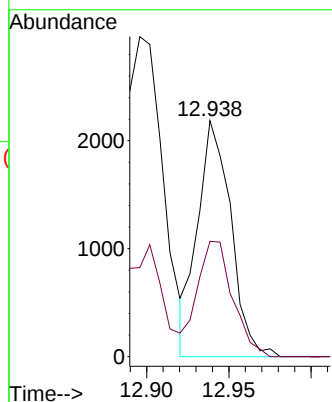
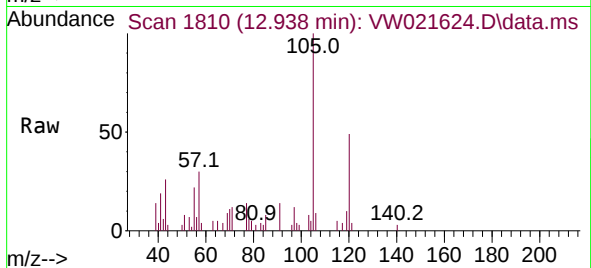
ClientSampleId :

Tgt Ion:105 Resp: 3075

Ion Ratio Lower Upper

105 100

120 52.1 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 2.652 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021624.D

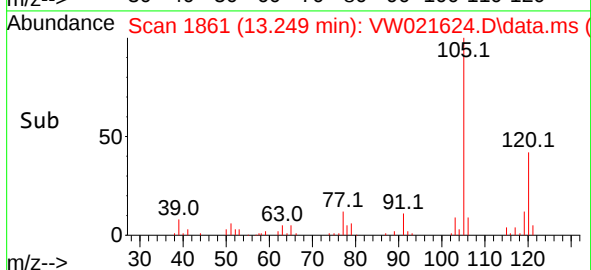
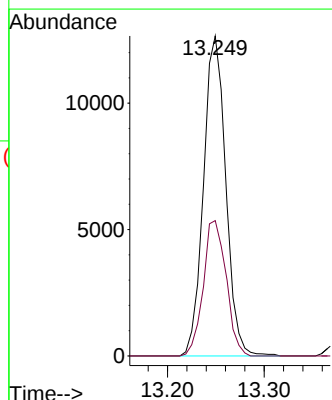
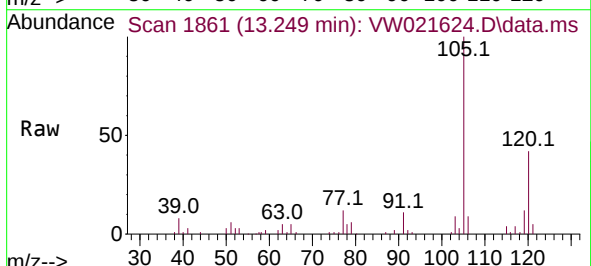
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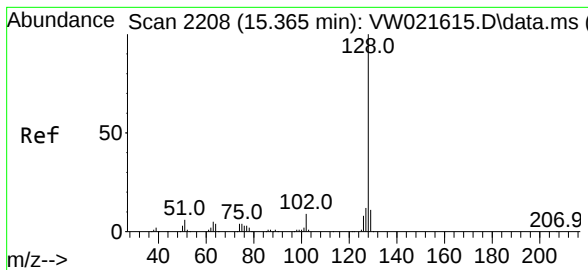
Tgt Ion:105 Resp: 20296

Ion Ratio Lower Upper

105 100

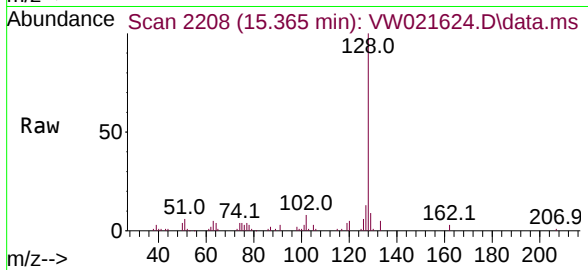
120 43.4 35.0 52.6





#71
Naphthalene
Concen: 4.286 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW021624.D
Acq: 23 Dec 2021 20:17

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 17998
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 12.7 8.6 12.8

