

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
 Data File : VW021007.D
 Acq On : 01 Dec 2021 17:22
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 02 01:59:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 01:54:41 2021
 Response via : Initial Calibration

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

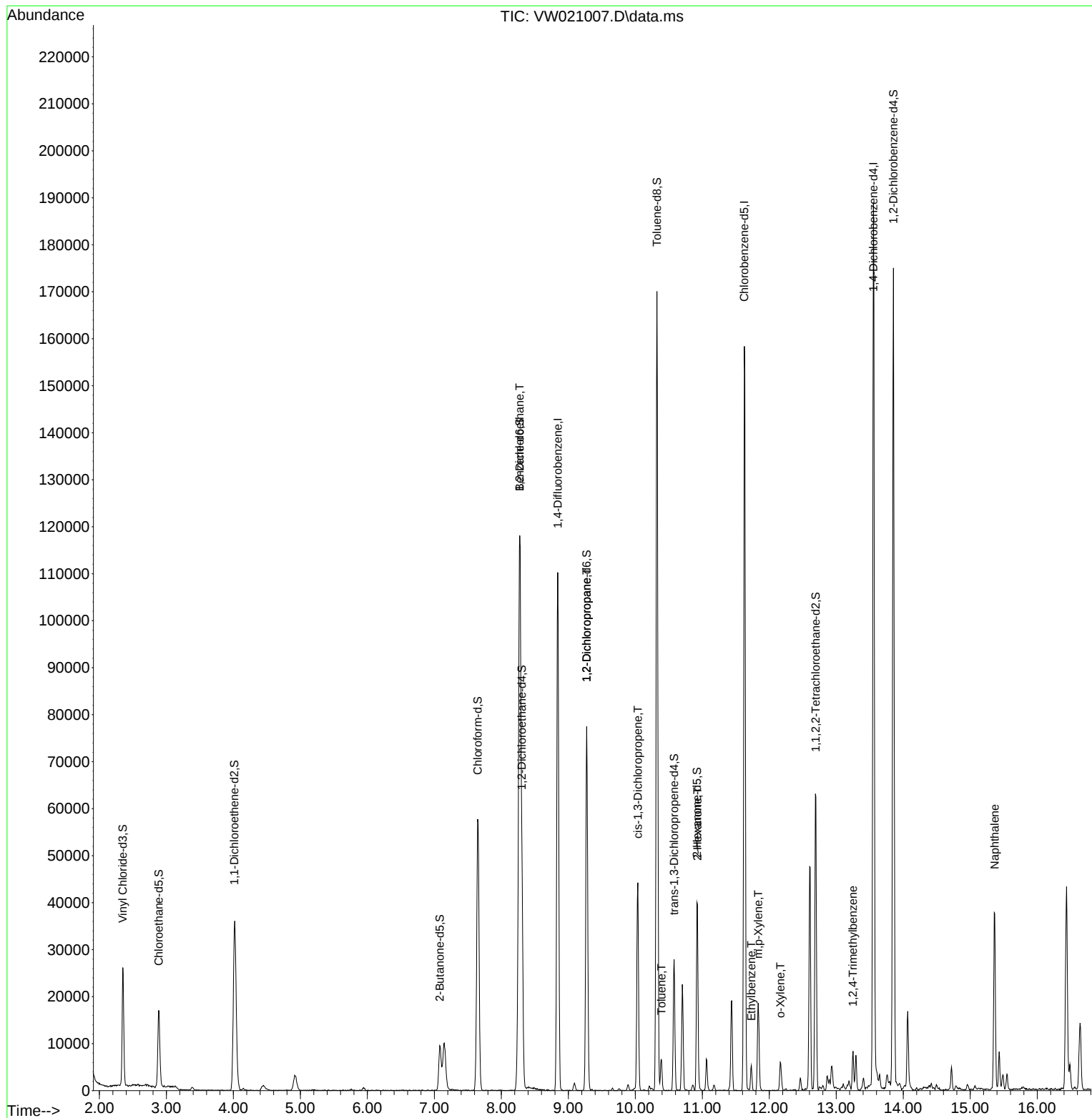
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	95796	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	88402	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	51172	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	23966	21.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
7) Chloroethane-d5	2.885	69	19061	26.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	4.013	63	34860	16.214	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.840%
21) 2-Butanone-d5	7.080	46	16966	61.171	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.340%
24) Chloroform-d	7.647	84	58202	24.113	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.440%
26) 1,2-Dichloroethane-d4	8.305	65	32243	26.317	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.280%
32) Benzene-d6	8.275	84	109945	23.597	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	9.274	67	32339	24.374	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.480%
41) Toluene-d8	10.323	98	110236	23.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.360%
43) trans-1,3-Dichloroprop...	10.579	79	14573	23.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.960%
47) 2-Hexanone-d5	10.921	63	13376	60.787	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.580%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	28997	28.530	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	43447	23.822	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.280%
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	8.275	62	743	0.524	ug/L	# 77
37) 1,2-Dichloropropane	9.274	63	4109	3.527	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1321	0.687	ug/L	# 71
42) Toluene	10.390	91	5227	0.928	ug/L	93
48) 2-Hexanone	10.927	43	1695	3.529	ug/L	# 71
52) Ethylbenzene	11.731	91	3775	0.605	ug/L	91
53) m,p-Xylene	11.835	106	5707	2.241	ug/L	94
54) o-Xylene	12.164	106	1561	0.638	ug/L	75
63) 1,2,4-Trimethylbenzene	13.249	105	4602	0.793	ug/L	97
71) Naphthalene	15.365	128	32826	9.515	ug/L	100

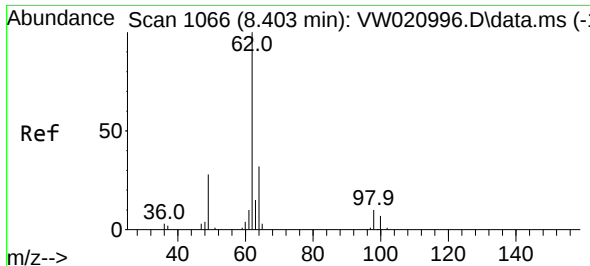
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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MSVOA_W
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Quant Time: Dec 02 01:59:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 02 01:54:41 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.524 ug/L

RT: 8.275 min Scan# 110

Delta R.T. -0.128 min

Lab File: VW021007.D

Acq: 01 Dec 2021 17:22

Instrument :

MSVOA_W

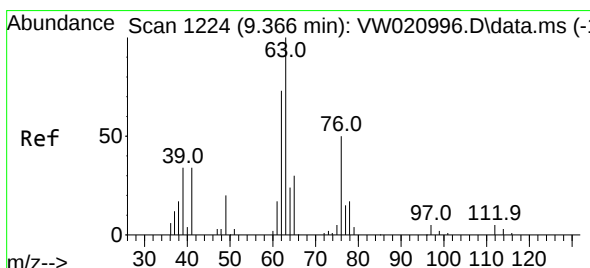
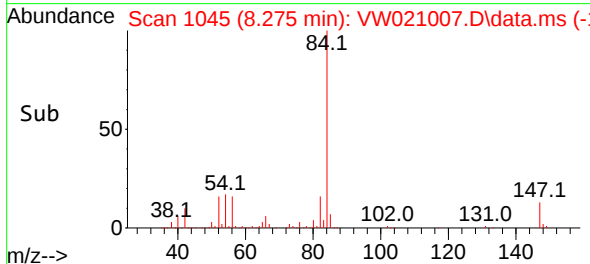
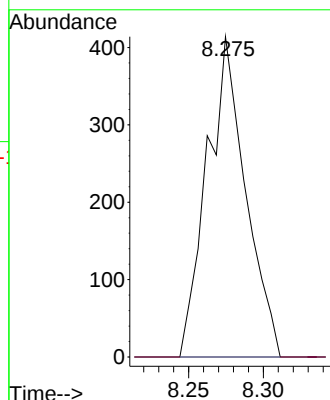
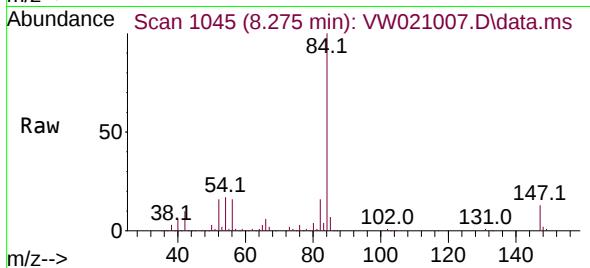
ClientSampleId :

Tgt Ion: 62 Resp: 743

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#37

1,2-Dichloropropane

Concen: 3.527 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.091 min

Lab File: VW021007.D

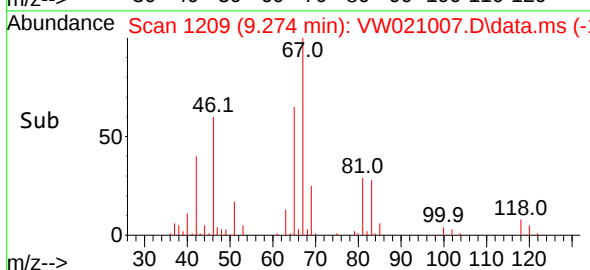
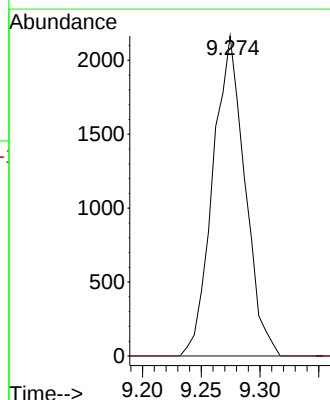
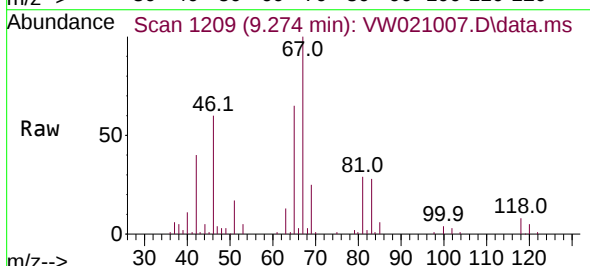
Acq: 01 Dec 2021 17:22

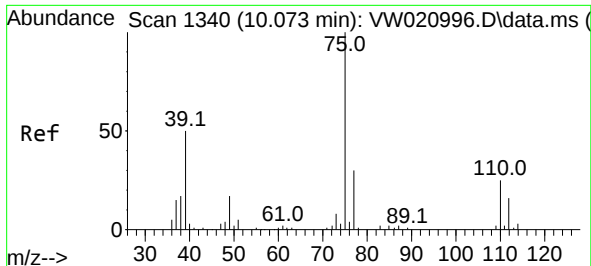
Tgt Ion: 63 Resp: 4109

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.687 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW021007.D

Acq: 01 Dec 2021 17:22

Instrument :

MSVOA_W

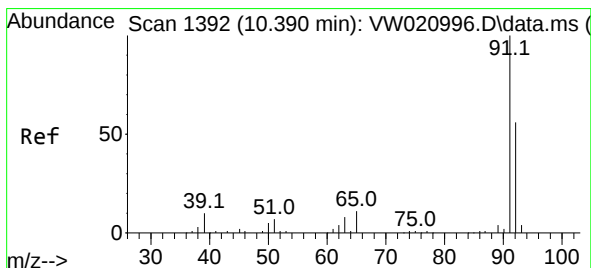
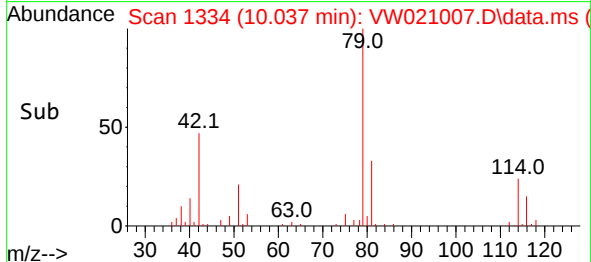
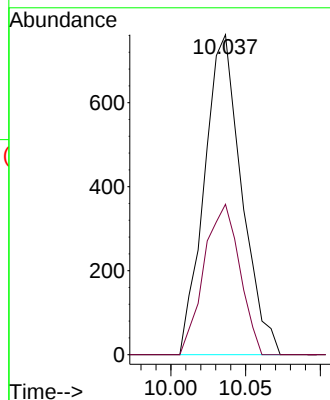
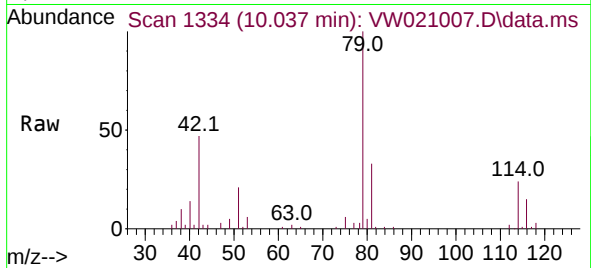
ClientSampleId :

Tgt Ion: 75 Resp: 1321

Ion Ratio Lower Upper

75 100

77 47.0 21.8 40.6#



#42

Toluene

Concen: 0.928 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW021007.D

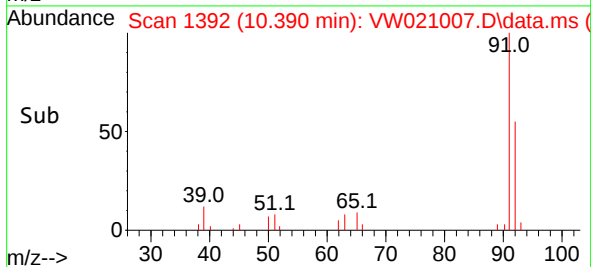
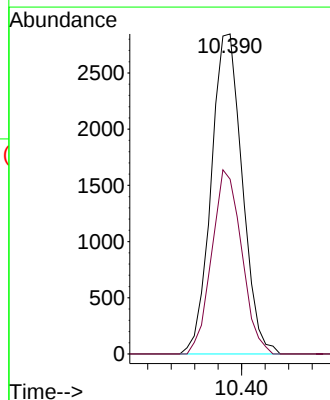
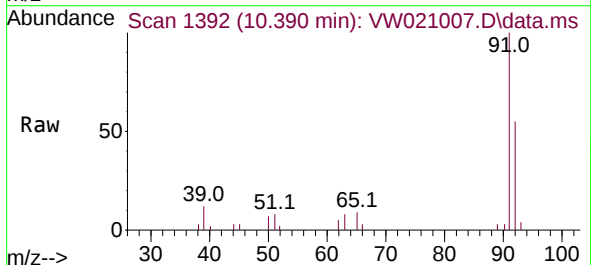
Acq: 01 Dec 2021 17:22

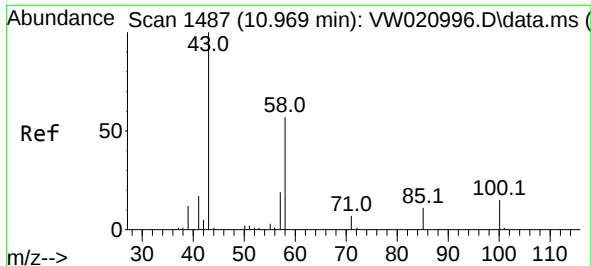
Tgt Ion: 91 Resp: 5227

Ion Ratio Lower Upper

91 100

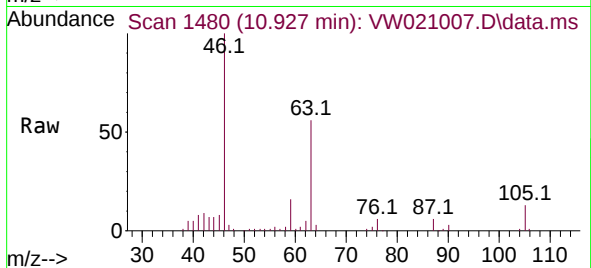
92 54.6 41.7 77.5



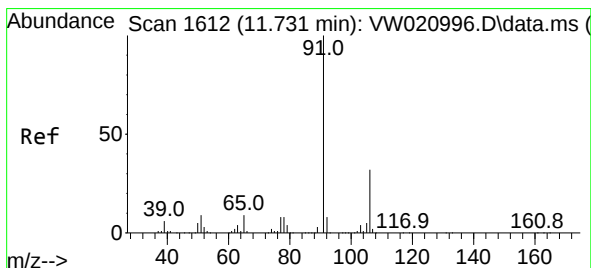
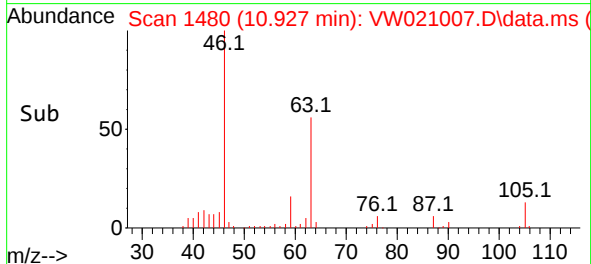
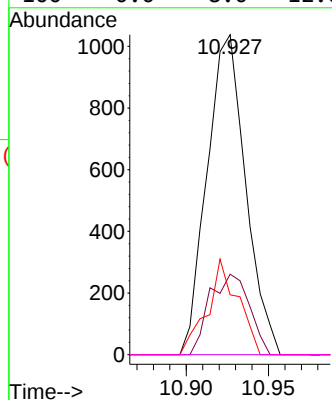


#48
2-Hexanone
Concen: 3.529 ug/L
RT: 10.927 min Scan# 1487
Delta R.T. -0.043 min
Lab File: VW021007.D
Acq: 01 Dec 2021 17:22

Instrument :
MSVOA_W
ClientSampleId :

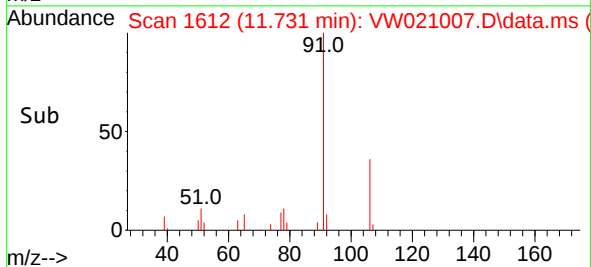
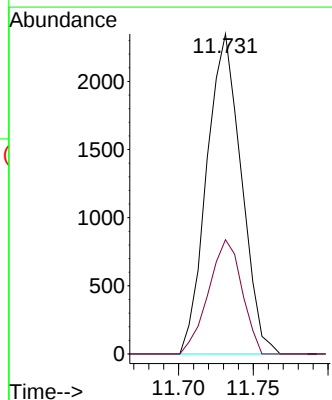
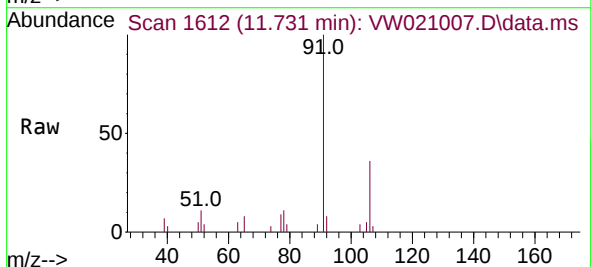


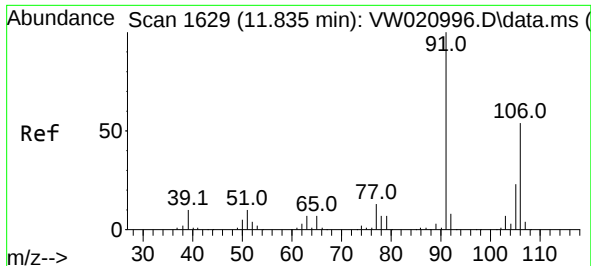
Tgt Ion	Ratio	Lower	Upper
43	100		
58	25.9	40.2	60.2#
57	23.7	14.3	21.5#
100	0.0	8.0	12.0#



#52
Ethylbenzene
Concen: 0.605 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021007.D
Acq: 01 Dec 2021 17:22

Tgt Ion	Ratio	Lower	Upper
91	100		
106	35.7	21.5	39.9

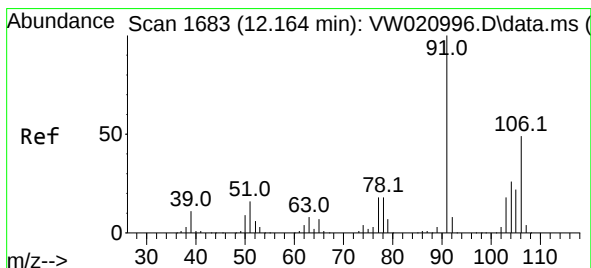
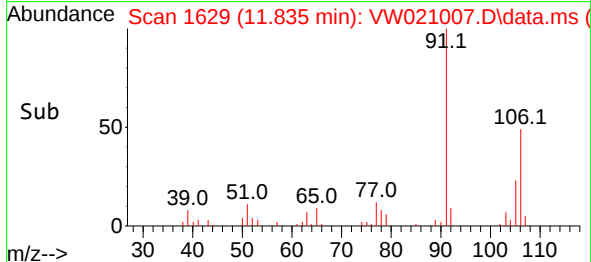
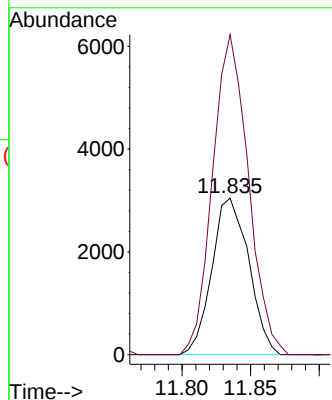
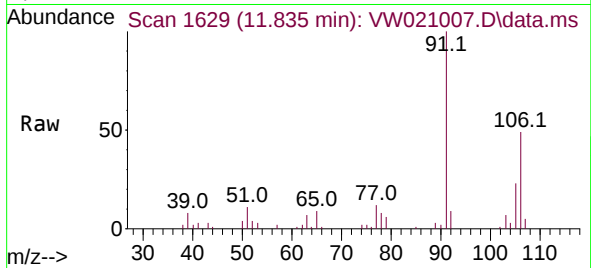




#53
m,p-Xylene
Concen: 2.241 ug/L
RT: 11.835 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021007.D
Acq: 01 Dec 2021 17:22

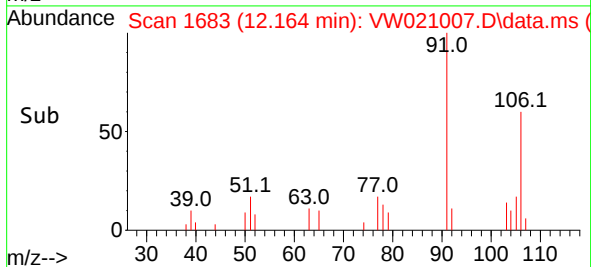
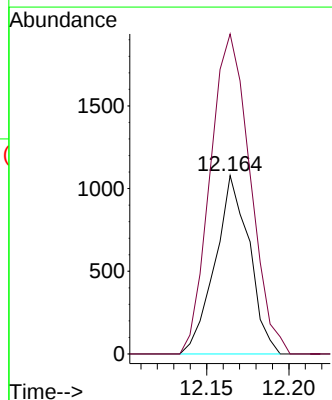
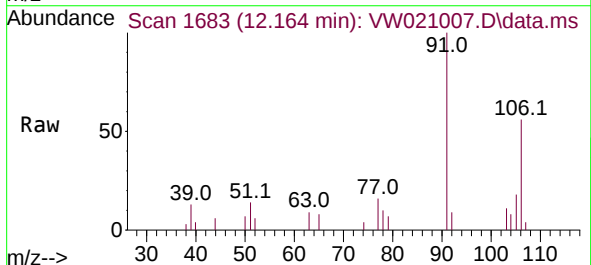
Instrument :
MSVOA_W
ClientSampleId :

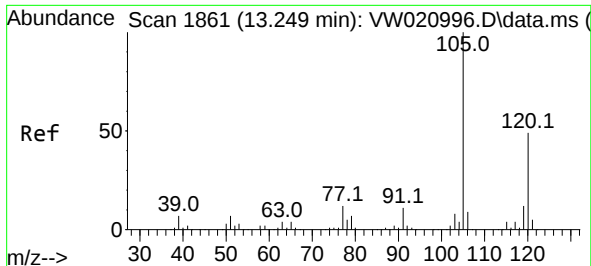
Tgt Ion:106 Resp: 5707
Ion Ratio Lower Upper
106 100
91 204.6 149.9 278.3



#54
o-Xylene
Concen: 0.638 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021007.D
Acq: 01 Dec 2021 17:22

Tgt Ion:106 Resp: 1561
Ion Ratio Lower Upper
106 100
91 179.3 153.6 285.3





#63

1,2,4-Trimethylbenzene

Concen: 0.793 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021007.D

Acq: 01 Dec 2021 17:22

Instrument :

MSVOA_W

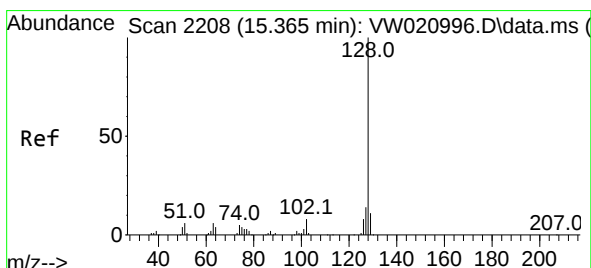
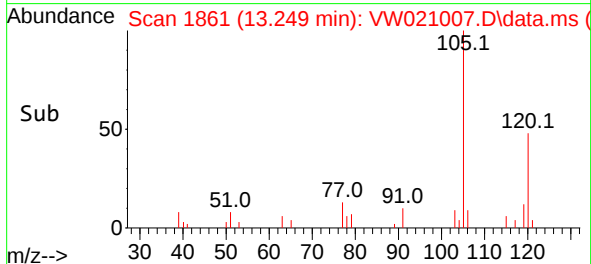
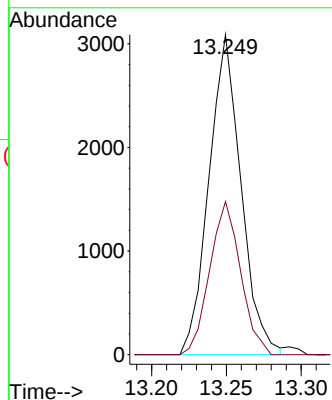
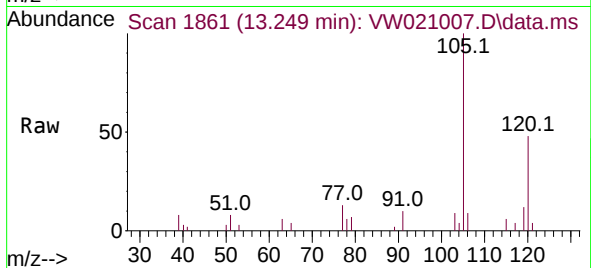
ClientSampleId :

Tgt Ion:105 Resp: 4602

Ion Ratio Lower Upper

105 100

120 46.0 35.0 52.6



#71

Naphthalene

Concen: 9.515 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW021007.D

Acq: 01 Dec 2021 17:22

Tgt Ion:128 Resp: 32826

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 10.9 8.6 12.8

