

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120721\
 Data File : VW023820.D
 Acq On : 07 Dec 2021 14:07
 Operator : SY/MD
 Sample : M4879-11DL 25X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G68DL

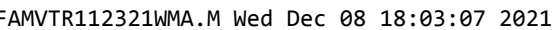
Quant Time: Dec 08 01:15:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

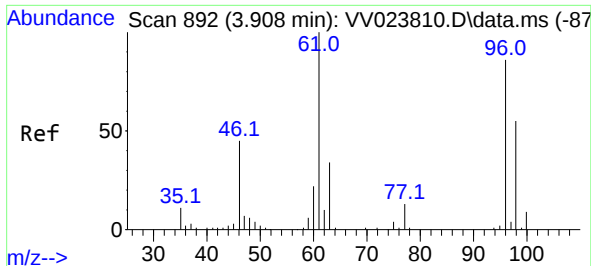
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	128161	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	123654	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68242	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	53966	5.129	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.600%		
7) Chloroethane-d5	1.568	69	41045	4.963	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 99.200%		
11) 1,1-Dichloroethene-d2	2.108	63	72695	3.921	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 78.400%		
20) 2-Butanone-d5	3.908	46	56086	44.344	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 88.680%		
24) Chloroform-d	4.349	84	95054	5.188	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.800%		
26) 1,2-Dichloroethane-d4	5.034	65	45524	5.319	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.400%		
32) Benzene-d6	5.050	84	188031	5.582	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 111.600%		
36) 1,2-Dichloropropane-d6	6.069	67	52561	5.566	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.400%		
41) Toluene-d8	7.316	98	173595	5.516	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.400%		
43) trans-1,3-Dichloroprop...	7.622	79	21689	5.698	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 114.000%		
46) 2-Hexanone-d5	8.091	63	87509	69.194	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 138.380%#		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37435	5.509	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 110.200%		
66) 1,2-Dichlorobenzene-d4	11.625	152	71074	5.891	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 117.800%		
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	3.915	96	12676	1.351	ug/L	99
30) Cyclohexane	4.677	56	6736	0.500	ug/L	97
34) Trichloroethene	5.921	95	6425	0.680	ug/L	97
35) Methylcyclohexane	6.130	83	5795	0.394	ug/L	91
42) Toluene	7.394	91	16967	0.444	ug/L	91
47) Tetrachloroethene	7.979	164	4408	0.513	ug/L	91
52) Ethylbenzene	9.011	91	181287	4.536	ug/L	100
53) m,p-xylene	9.140	106	104393	6.563	ug/L	99
54) o-xylene	9.545	106	21836	1.444	ug/L	100
60) Isopropylbenzene	9.934	105	17902	0.439	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.538	105	120125	3.543	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	500122	14.916	ug/L	99

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

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Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 1.351 ug/L

RT: 3.915 min Scan# 89

Delta R.T. 0.006 min

Lab File: VV023820.D

Acq: 07 Dec 2021 14:07

Instrument :

MSVOA_V

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C0G68DL

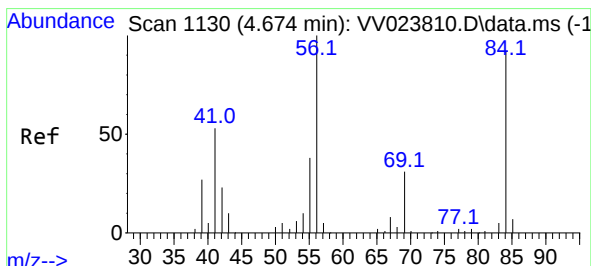
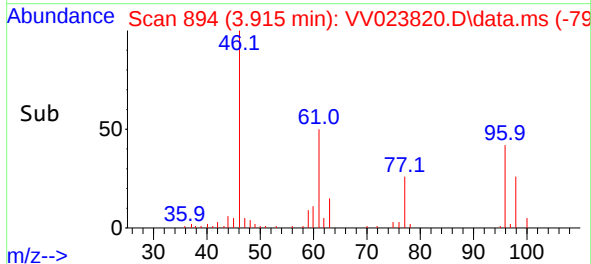
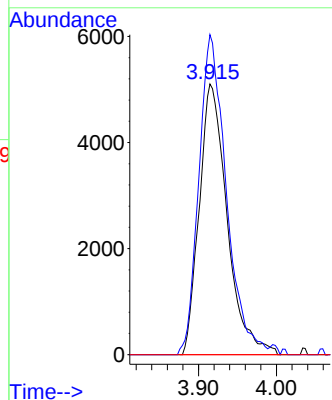
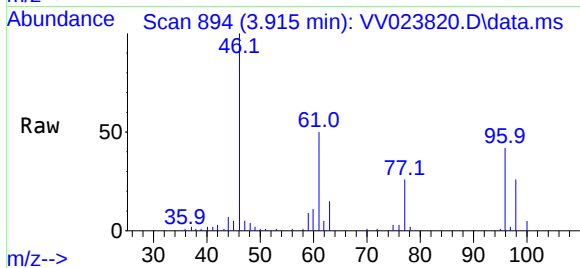
Tgt Ion: 96 Resp: 12676

Ion Ratio Lower Upper

96 100

61 118.2 83.4 154.8

68 0.0 0.0 0.0



#30

Cyclohexane

Concen: 0.500 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV023820.D

Acq: 07 Dec 2021 14:07

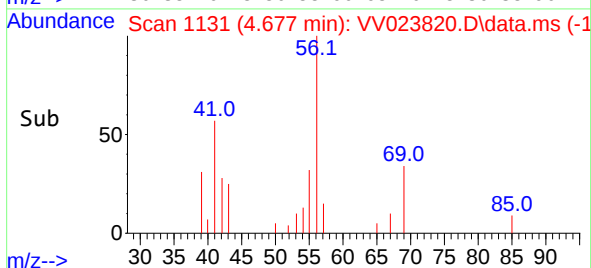
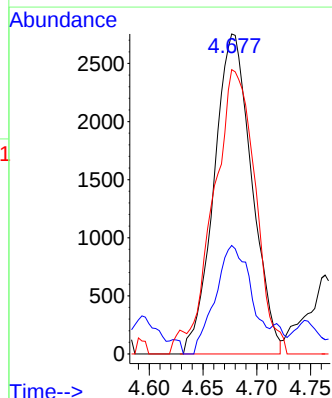
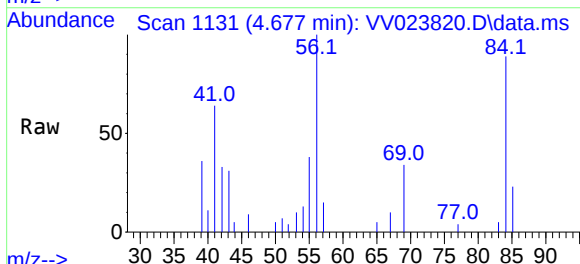
Tgt Ion: 56 Resp: 6736

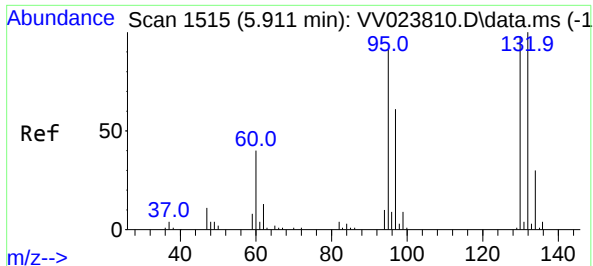
Ion Ratio Lower Upper

56 100

69 32.7 24.8 37.2

84 98.3 75.9 113.9

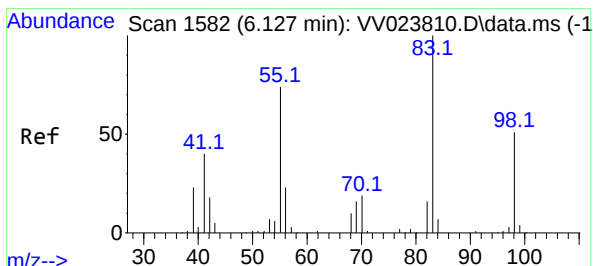
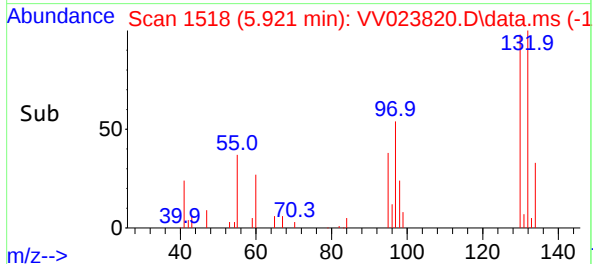
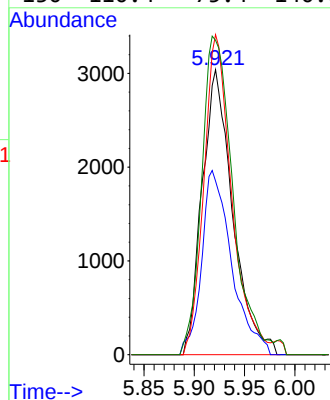
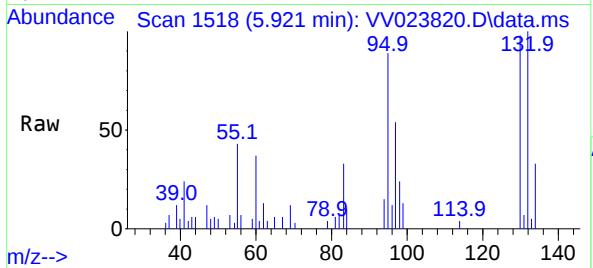




#34
Trichloroethene
Concen: 0.680 ug/L
RT: 5.921 min Scan# 1515
Delta R.T. 0.010 min
Lab File: VV023820.D
Acq: 07 Dec 2021 14:07

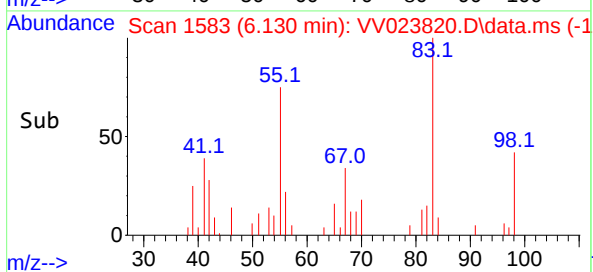
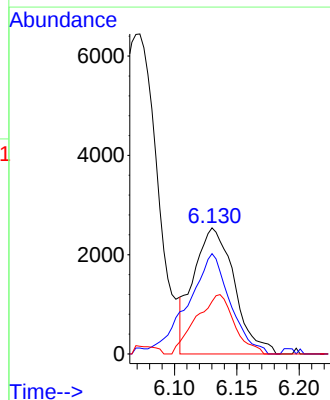
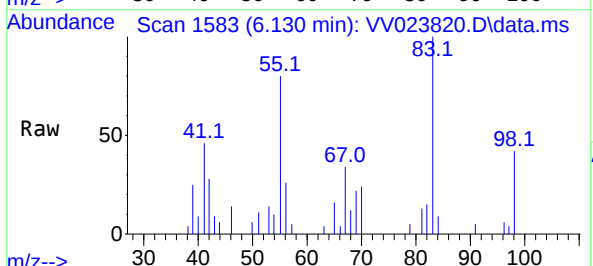
Instrument :
MSVOA_V
ClientSampleId :
C0G68DL

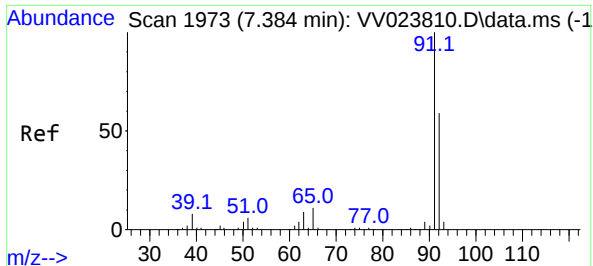
Tgt Ion: 95 Resp: 6425
Ion Ratio Lower Upper
95 100
97 60.9 45.2 84.0
132 112.3 76.1 141.3
130 110.4 75.4 140.0



#35
Methylcyclohexane
Concen: 0.394 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV023820.D
Acq: 07 Dec 2021 14:07

Tgt Ion: 83 Resp: 5795
Ion Ratio Lower Upper
83 100
55 82.2 60.2 90.2
98 43.9 41.0 61.4





#42

Toluene

Concen: 0.444 ug/L

RT: 7.394 min Scan# 1973

Delta R.T. 0.010 min

Lab File: VV023820.D

Acq: 07 Dec 2021 14:07

Instrument :

MSVOA_V

ClientSampleId :

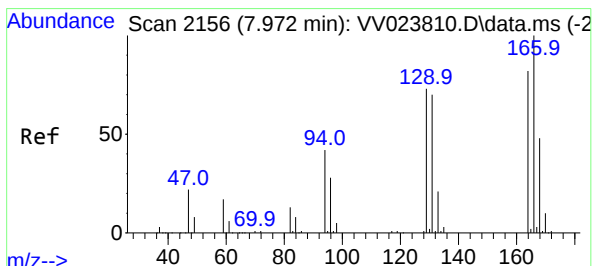
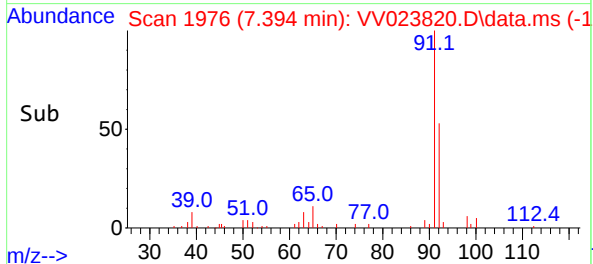
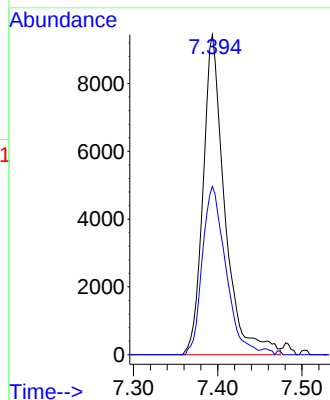
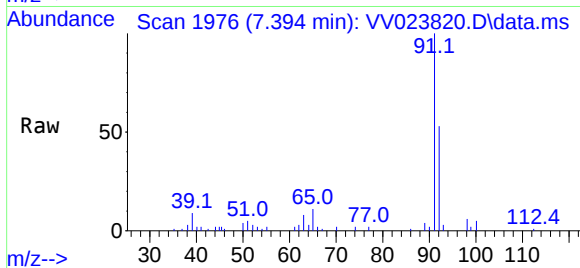
C0G68DL

Tgt Ion: 91 Resp: 16967

Ion Ratio Lower Upper

91 100

92 52.6 41.5 77.1



#47

Tetrachloroethene

Concen: 0.513 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV023820.D

Acq: 07 Dec 2021 14:07

Tgt Ion: 164 Resp: 4408

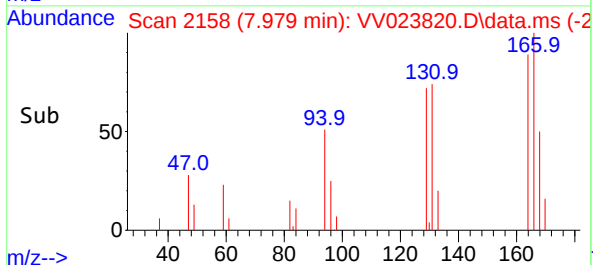
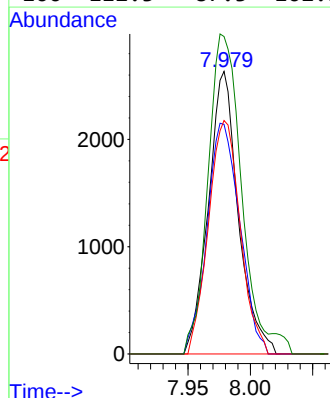
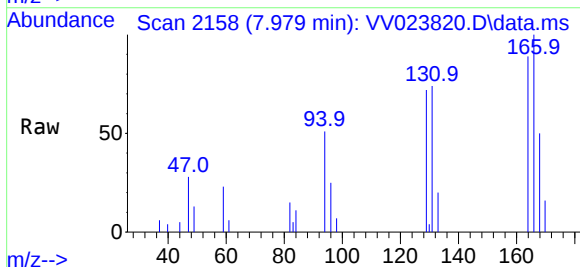
Ion Ratio Lower Upper

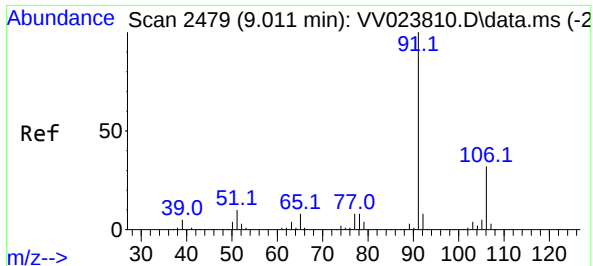
164 100

129 81.2 62.6 116.2

131 82.6 61.0 113.4

166 112.3 87.3 162.1

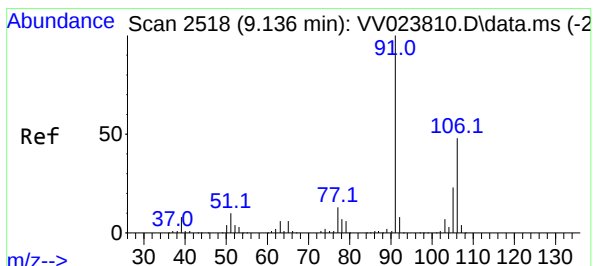
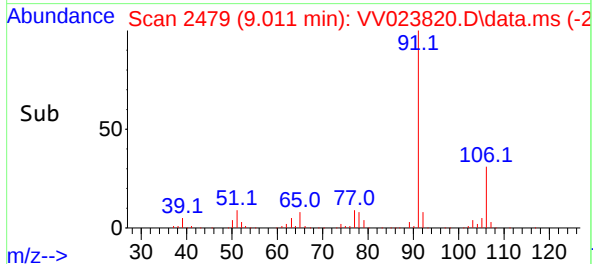
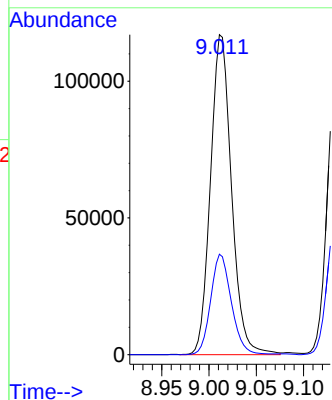
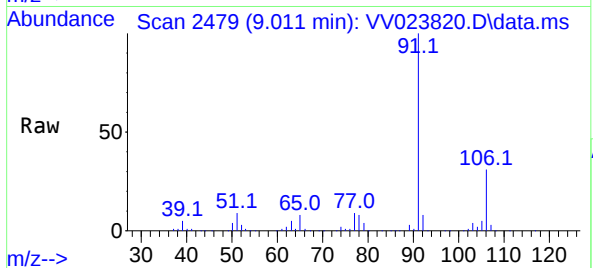




#52
Ethylbenzene
Concen: 4.536 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV023820.D
Acq: 07 Dec 2021 14:07

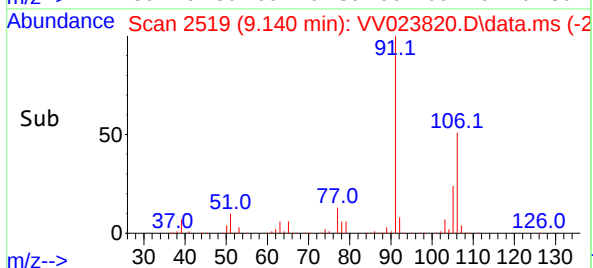
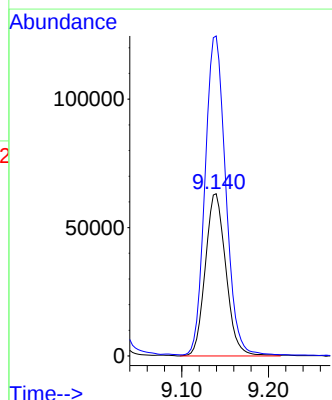
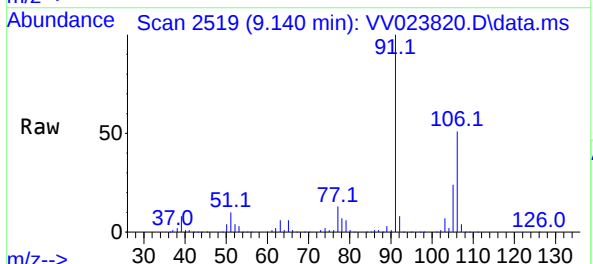
Instrument :
MSVOA_V
ClientSampleId :
C0G68DL

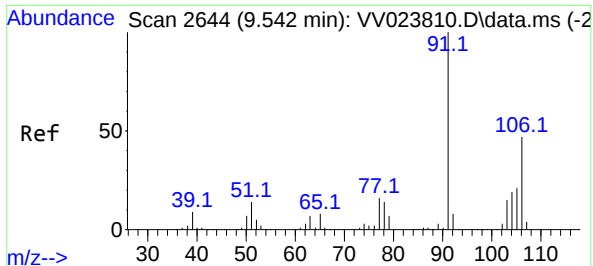
Tgt Ion: 91 Resp: 181287
Ion Ratio Lower Upper
91 100
106 31.4 22.0 41.0



#53
m,p-xylene
Concen: 6.563 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023820.D
Acq: 07 Dec 2021 14:07

Tgt Ion: 106 Resp: 104393
Ion Ratio Lower Upper
106 100
91 197.2 139.5 259.1

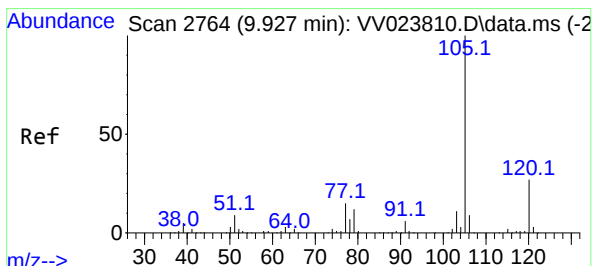
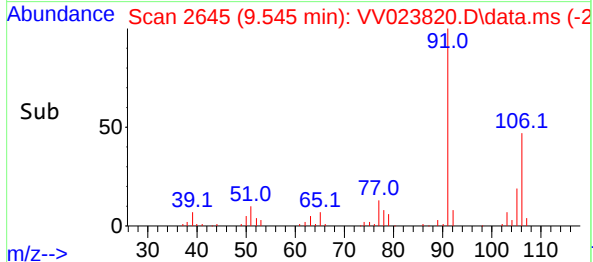
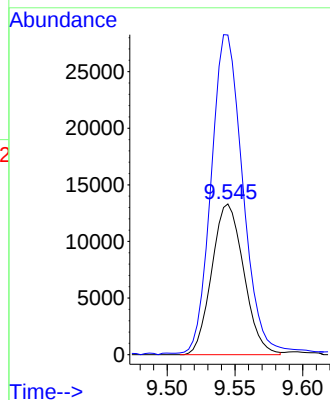
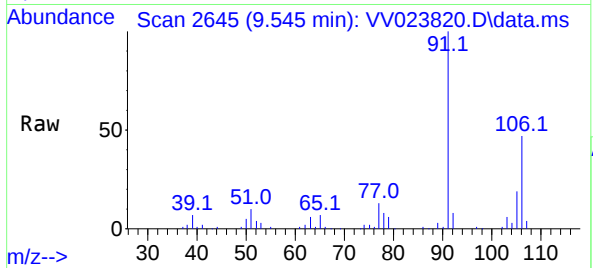




#54
o-xylene
Concen: 1.444 ug/L
RT: 9.545 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023820.D
Acq: 07 Dec 2021 14:07

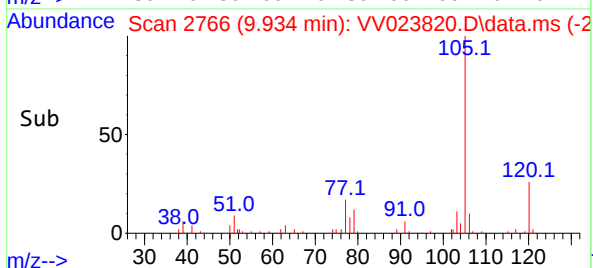
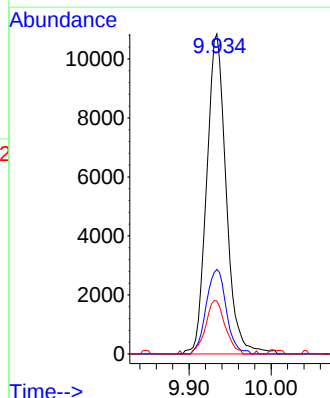
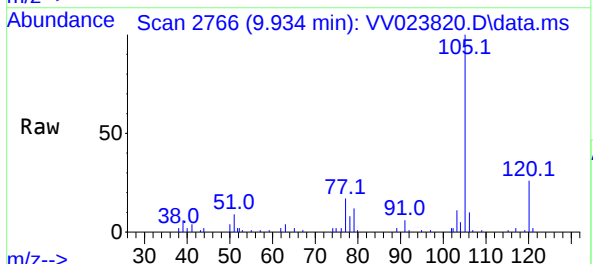
Instrument :
MSVOA_V
ClientSampleId :
C0G68DL

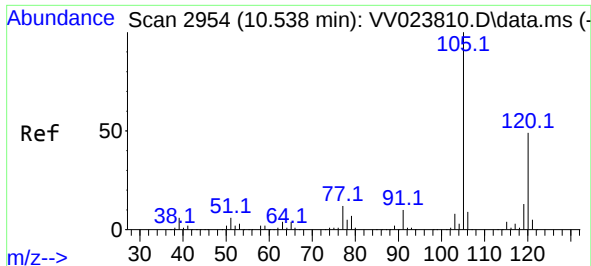
Tgt Ion:106 Resp: 21836
Ion Ratio Lower Upper
106 100
91 212.0 147.9 274.7



#60
Isopropylbenzene
Concen: 0.439 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV023820.D
Acq: 07 Dec 2021 14:07

Tgt Ion:105 Resp: 17902
Ion Ratio Lower Upper
105 100
120 0.0 21.4 32.0#
77 16.8 12.2 18.4

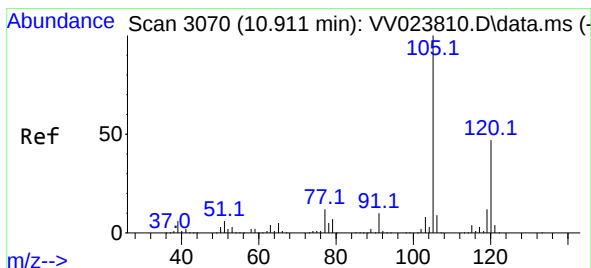
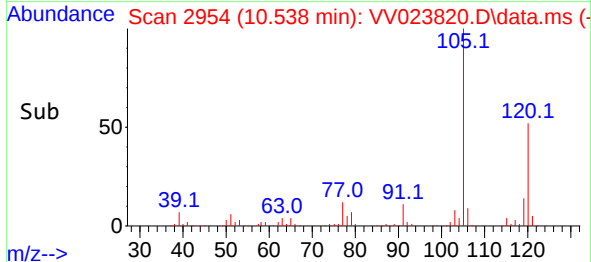
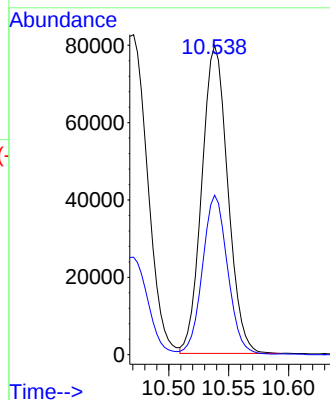
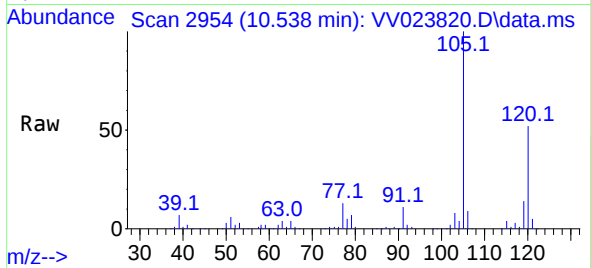




#62
1,3,5-Trimethylbenzene
Concen: 3.543 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV023820.D
Acq: 07 Dec 2021 14:07

Instrument :
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Tgt Ion:105 Resp: 120125
Ion Ratio Lower Upper
105 100
120 49.7 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 14.916 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV023820.D
Acq: 07 Dec 2021 14:07

Tgt Ion:105 Resp: 500122
Ion Ratio Lower Upper
105 100
120 46.3 36.7 55.1

