

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122821\
 Data File : VW024211.D
 Acq On : 28 Dec 2021 12:25
 Operator : SY/MD
 Sample : M5233-11DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCC9DL

Quant Time: Dec 29 05:04:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 29 04:43:10 2021
 Response via : Initial Calibration

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

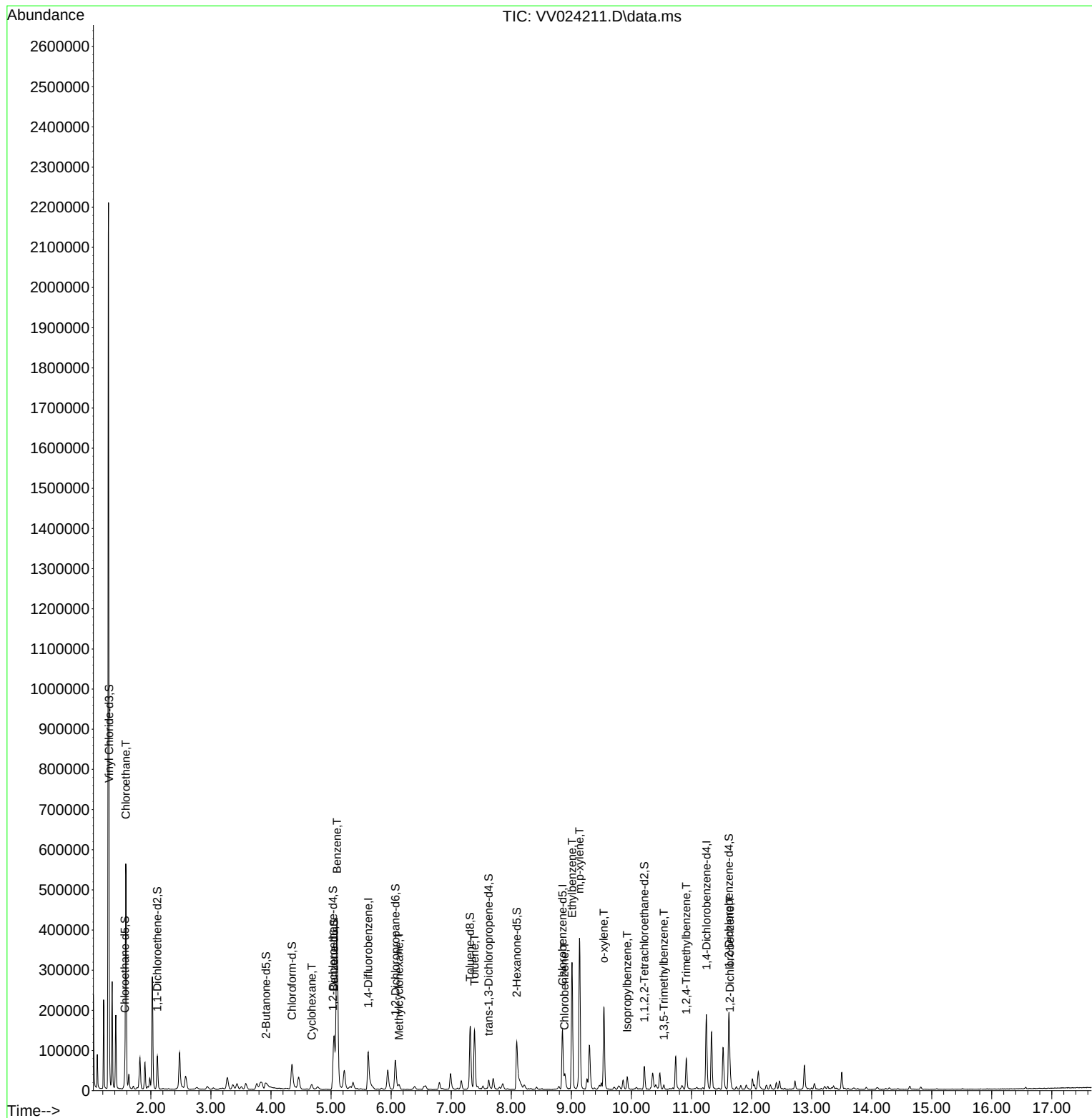
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	81970	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	83670	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48701	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	26962	4.373	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.568	69	25392	4.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.108	63	42282	2.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.400%#
20) 2-Butanone-d5	3.918	46	34882	50.933	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.860%
24) Chloroform-d	4.349	84	61188	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.034	65	30283	5.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.050	84	115579	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.072	67	32187	5.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.317	98	105596	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.625	79	12236	4.669	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.091	63	50813	57.664	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23385	5.534	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	47747	5.640	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.800%
Target Compounds						Qvalue
8) Chloroethane	1.584	64	291678	34.237	ug/L	96
30) Cyclohexane	4.677	56	6310	0.402	ug/L	96
33) Benzene	5.098	78	430451	9.806	ug/L	100
35) Methylcyclohexane	6.133	83	4325	0.241	ug/L	99
42) Toluene	7.387	91	108611	2.217	ug/L	96
51) Chlorobenzene	8.886	112	9161	0.282	ug/L	98
52) Ethylbenzene	9.011	91	216142	4.150	ug/L	99
53) m,p-xylene	9.136	106	106144	5.138	ug/L	98
54) o-xylene	9.542	106	54184	2.739	ug/L	99
60) Isopropylbenzene	9.931	105	18746	0.364	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	5610	0.129	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	41834	0.945	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	13880	0.575	ug/L	94

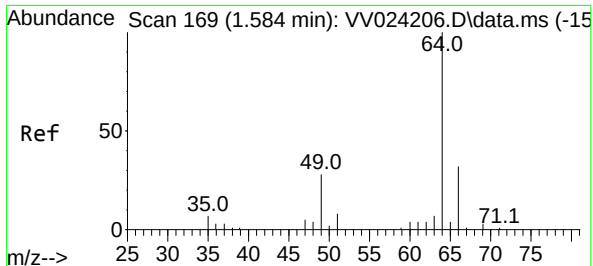
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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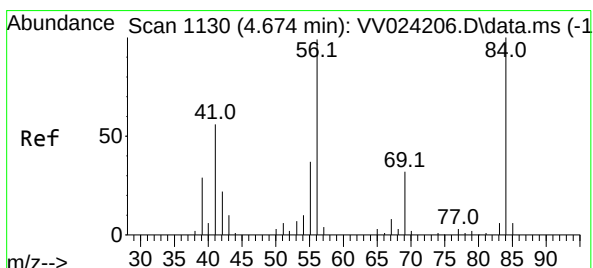
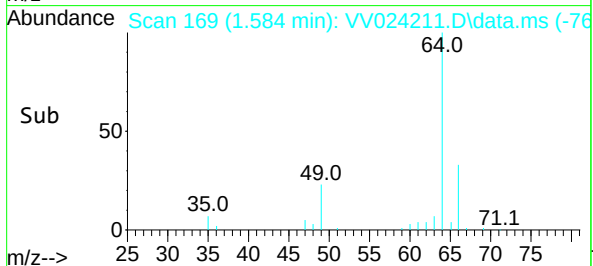
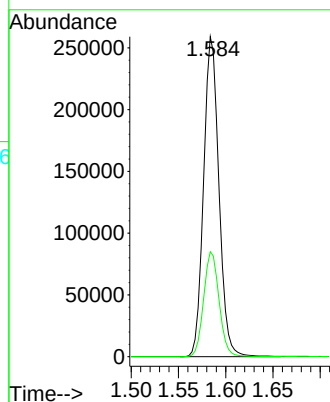
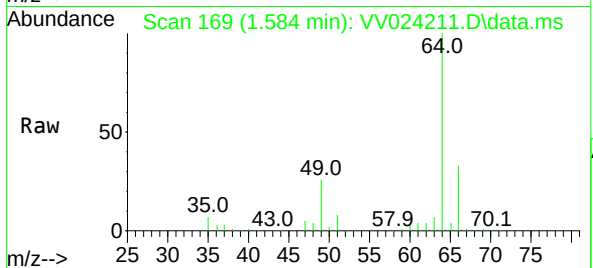




#8
Chloroethane
Concen: 34.237 ug/L
RT: 1.584 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024211.D
Acq: 28 Dec 2021 12:25

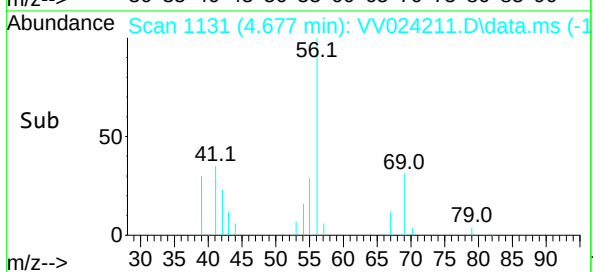
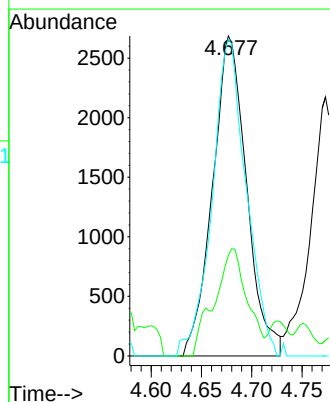
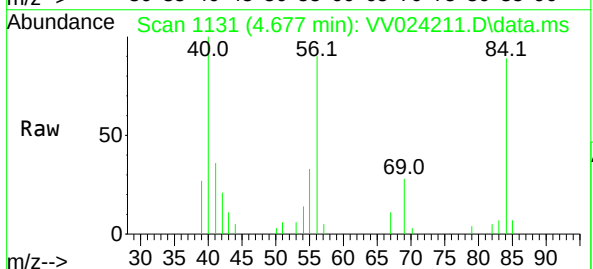
Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

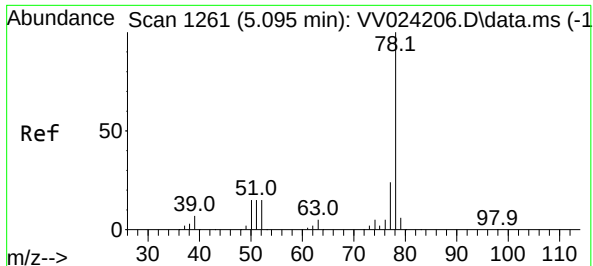
Tgt Ion: 64 Resp: 291678
Ion Ratio Lower Upper
64 100
66 32.8 21.4 39.8



#30
Cyclohexane
Concen: 0.402 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VV024211.D
Acq: 28 Dec 2021 12:25

Tgt Ion: 56 Resp: 6310
Ion Ratio Lower Upper
56 100
69 32.7 24.8 37.2
84 98.7 75.9 113.9

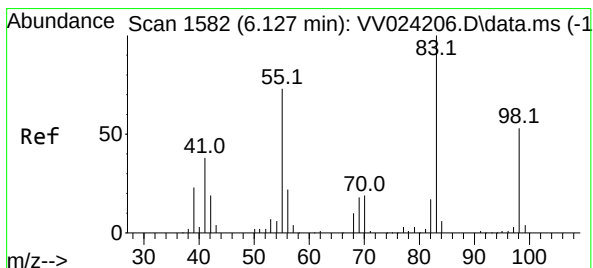
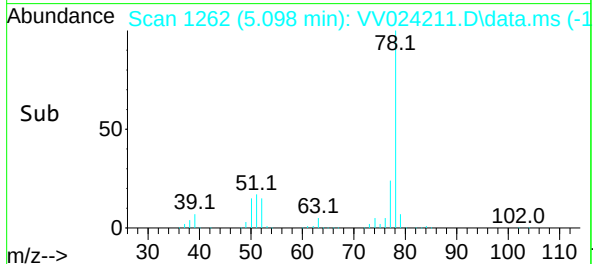
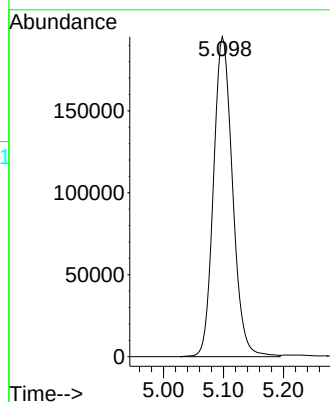
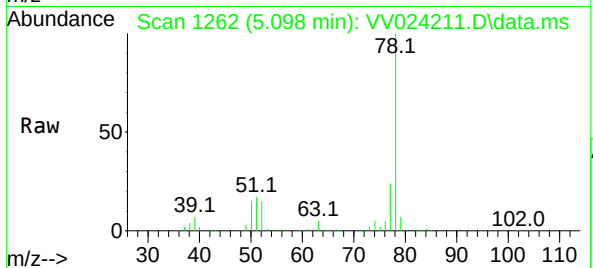




#33
Benzene
Concen: 9.806 ug/L
RT: 5.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024211.D
Acq: 28 Dec 2021 12:25

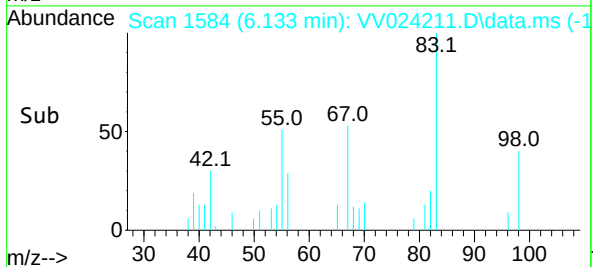
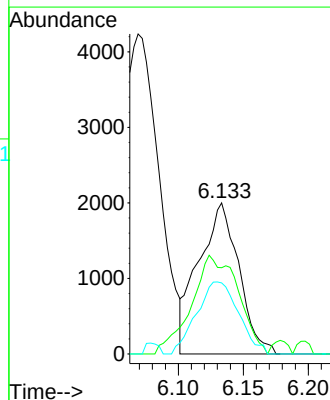
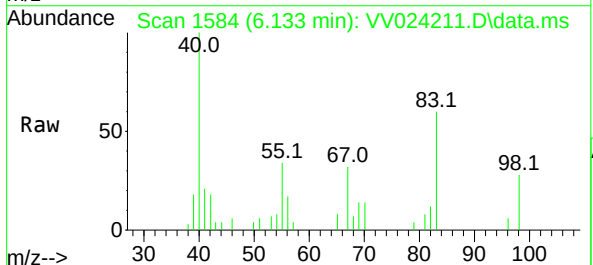
Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

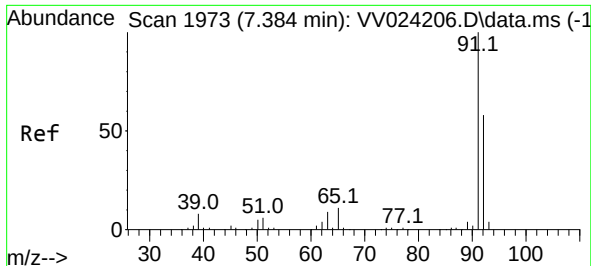
Tgt Ion: 78 Resp: 430451



#35
Methylcyclohexane
Concen: 0.241 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV024211.D
Acq: 28 Dec 2021 12:25

Tgt Ion: 83 Resp: 4325
Ion Ratio Lower Upper
83 100
55 75.8 60.2 90.2
98 49.5 41.0 61.4

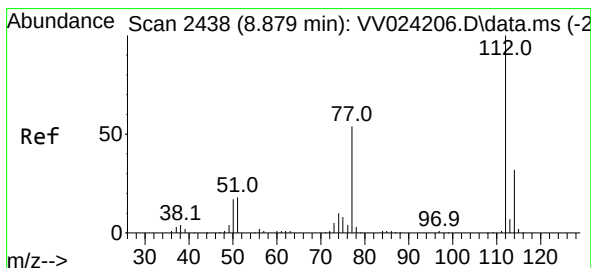
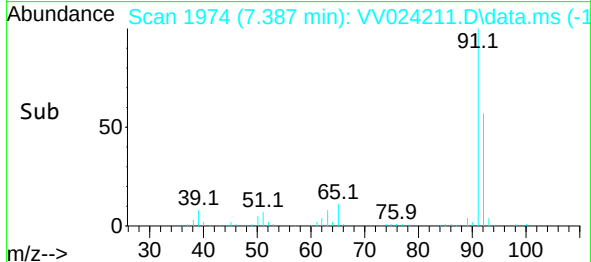
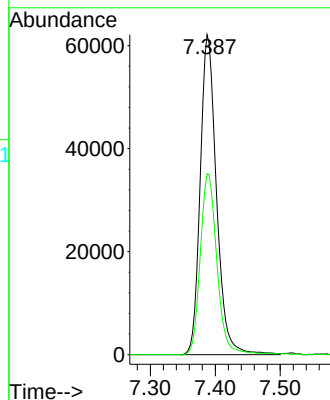
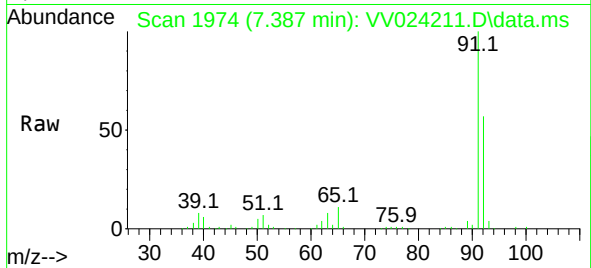




#42
Toluene
Concen: 2.217 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV024211.D
Acq: 28 Dec 2021 12:25

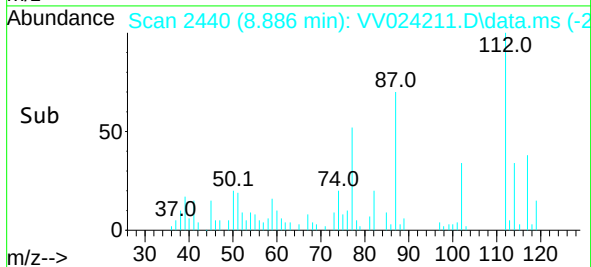
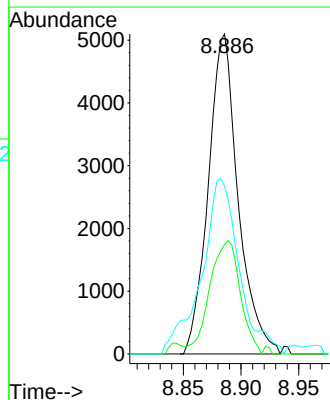
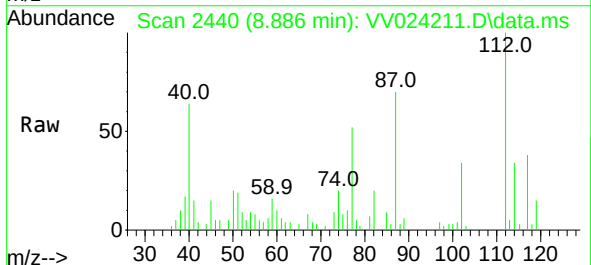
Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

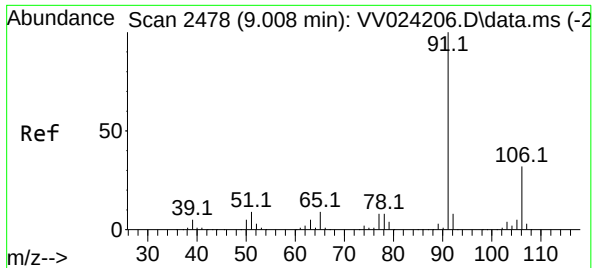
Tgt Ion: 91 Resp: 108611
Ion Ratio Lower Upper
91 100
92 56.5 41.5 77.1



#51
Chlorobenzene
Concen: 0.282 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.006 min
Lab File: VV024211.D
Acq: 28 Dec 2021 12:25

Tgt Ion: 112 Resp: 9161
Ion Ratio Lower Upper
112 100
114 34.2 23.3 43.3
77 52.4 43.3 64.9





#52

Ethylbenzene

Concen: 4.150 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. -0.000 min

Lab File: VV024211.D

Acq: 28 Dec 2021 12:25

Instrument :

MSVOA_V

ClientSampleId :

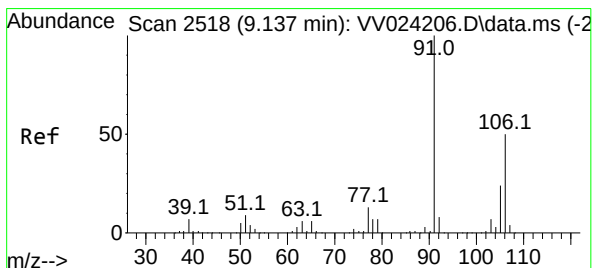
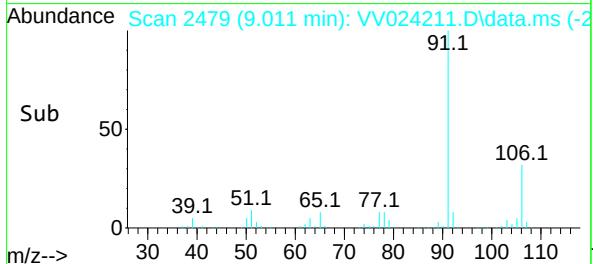
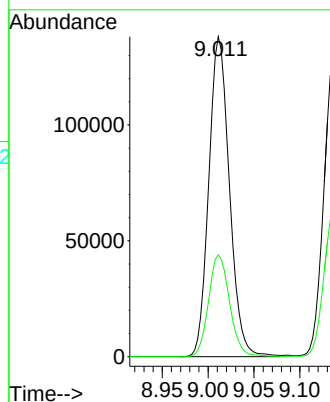
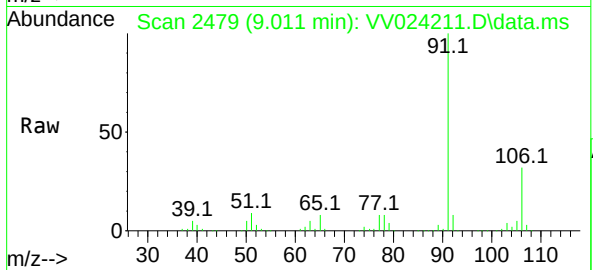
GBCC9DL

Tgt Ion: 91 Resp: 216142

Ion Ratio Lower Upper

91 100

106 31.8 22.0 41.0



#53

m,p-xylene

Concen: 5.138 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV024211.D

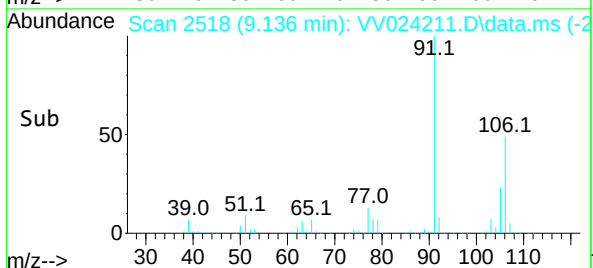
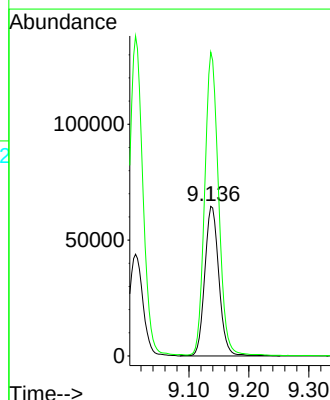
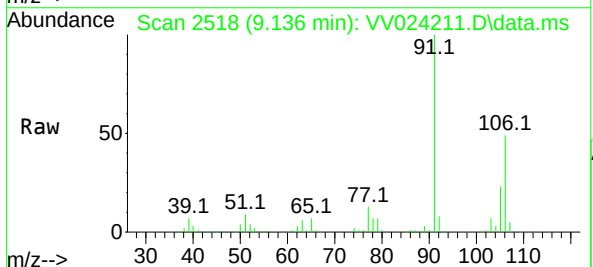
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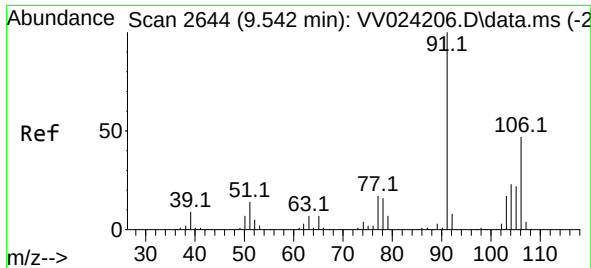
Tgt Ion:106 Resp: 106144

Ion Ratio Lower Upper

106 100

91 203.0 139.5 259.1

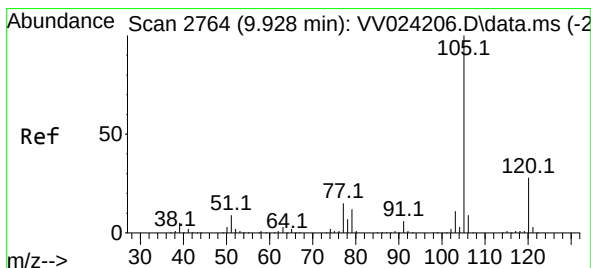
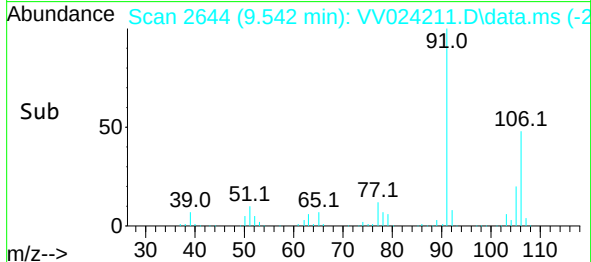
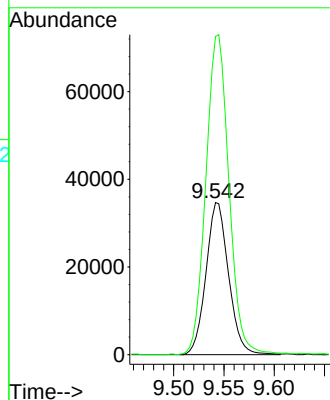
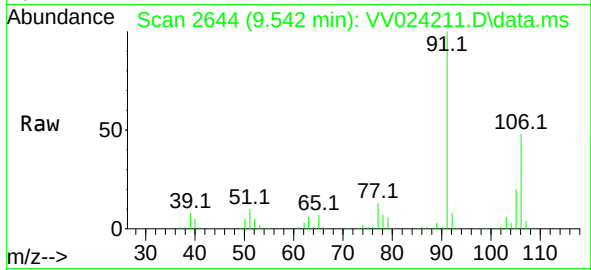




#54
o-xylene
Concen: 2.739 ug/L
RT: 9.542 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024211.D
Acq: 28 Dec 2021 12:25

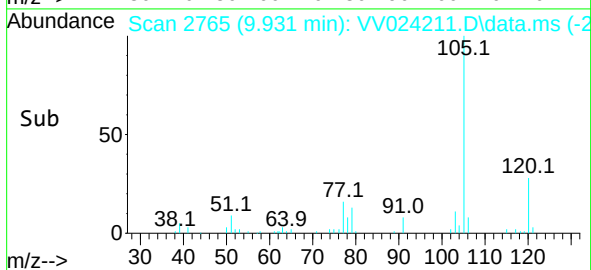
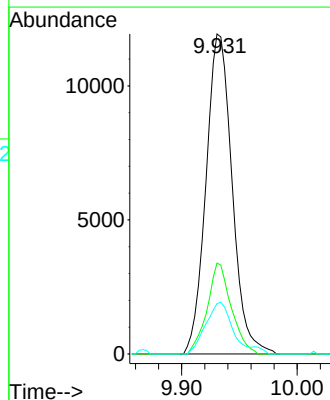
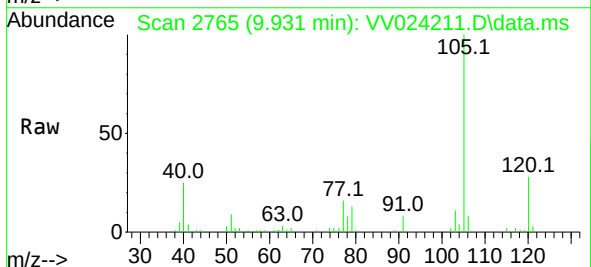
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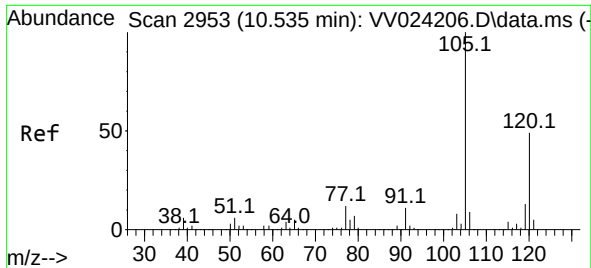
Tgt Ion:106 Resp: 54184
Ion Ratio Lower Upper
106 100
91 209.1 147.9 274.7



#60
Isopropylbenzene
Concen: 0.364 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024211.D
Acq: 28 Dec 2021 12:25

Tgt Ion:105 Resp: 18746
Ion Ratio Lower Upper
105 100
120 26.1 21.4 32.0
77 17.2 12.2 18.4

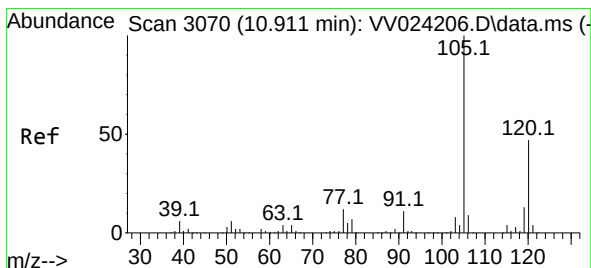
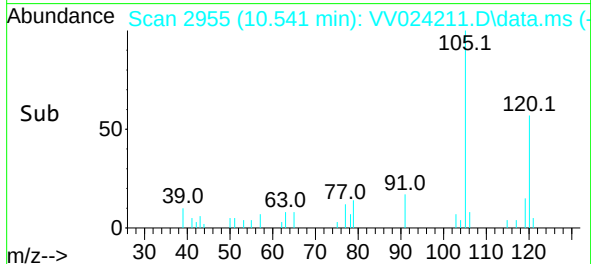
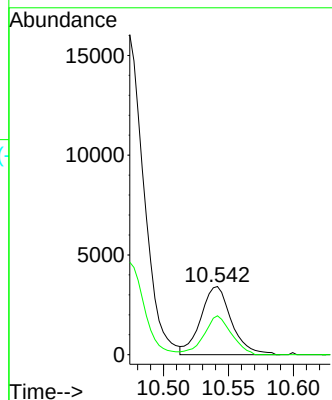
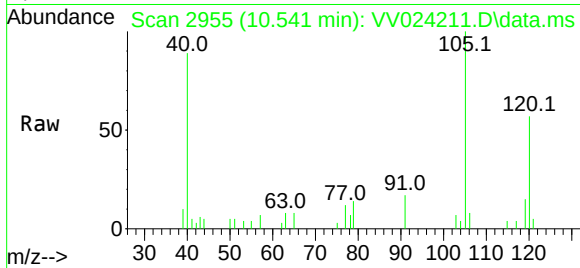




#62
1,3,5-Trimethylbenzene
Concen: 0.129 ug/L
RT: 10.541 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VV024211.D
Acq: 28 Dec 2021 12:25

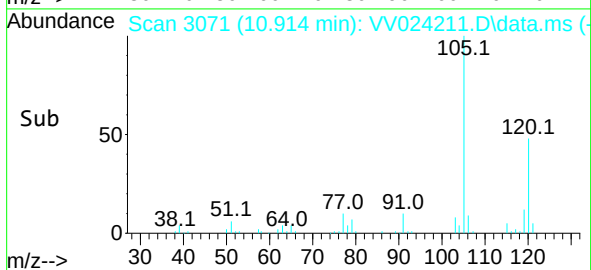
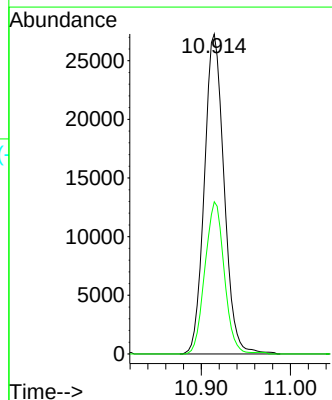
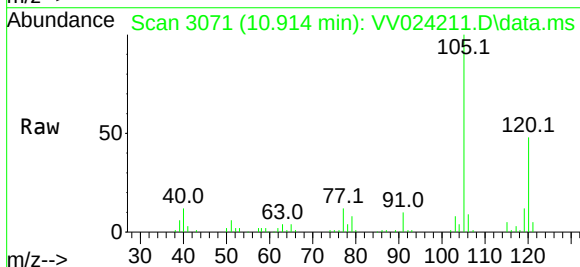
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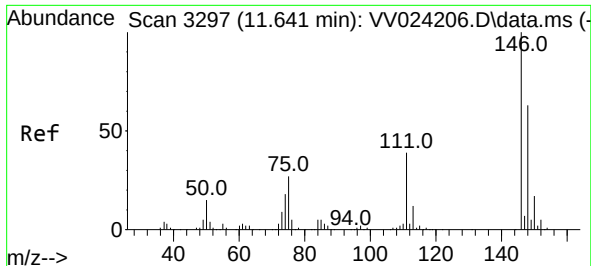
Tgt Ion:105 Resp: 5610
Ion Ratio Lower Upper
105 100
120 51.0 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 0.945 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV024211.D
Acq: 28 Dec 2021 12:25

Tgt Ion:105 Resp: 41834
Ion Ratio Lower Upper
105 100
120 46.6 36.7 55.1





#67

1,2-Dichlorobenzene

Concen: 0.575 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV024211.D

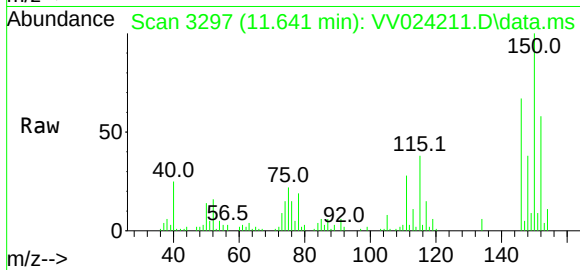
Acq: 28 Dec 2021 12:25

Instrument :

MSVOA_V

ClientSampleId :

GBCC9DL



Tgt Ion:146 Resp: 13880

Ion Ratio Lower Upper

146 100

111 41.9 31.9 47.9

148 57.1 50.5 75.7

