

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122821\
 Data File : VW024228.D
 Acq On : 28 Dec 2021 19:10
 Operator : SY/MD
 Sample : M5233-11DL2 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCC9DL2

Quant Time: Dec 29 05:07:20 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)

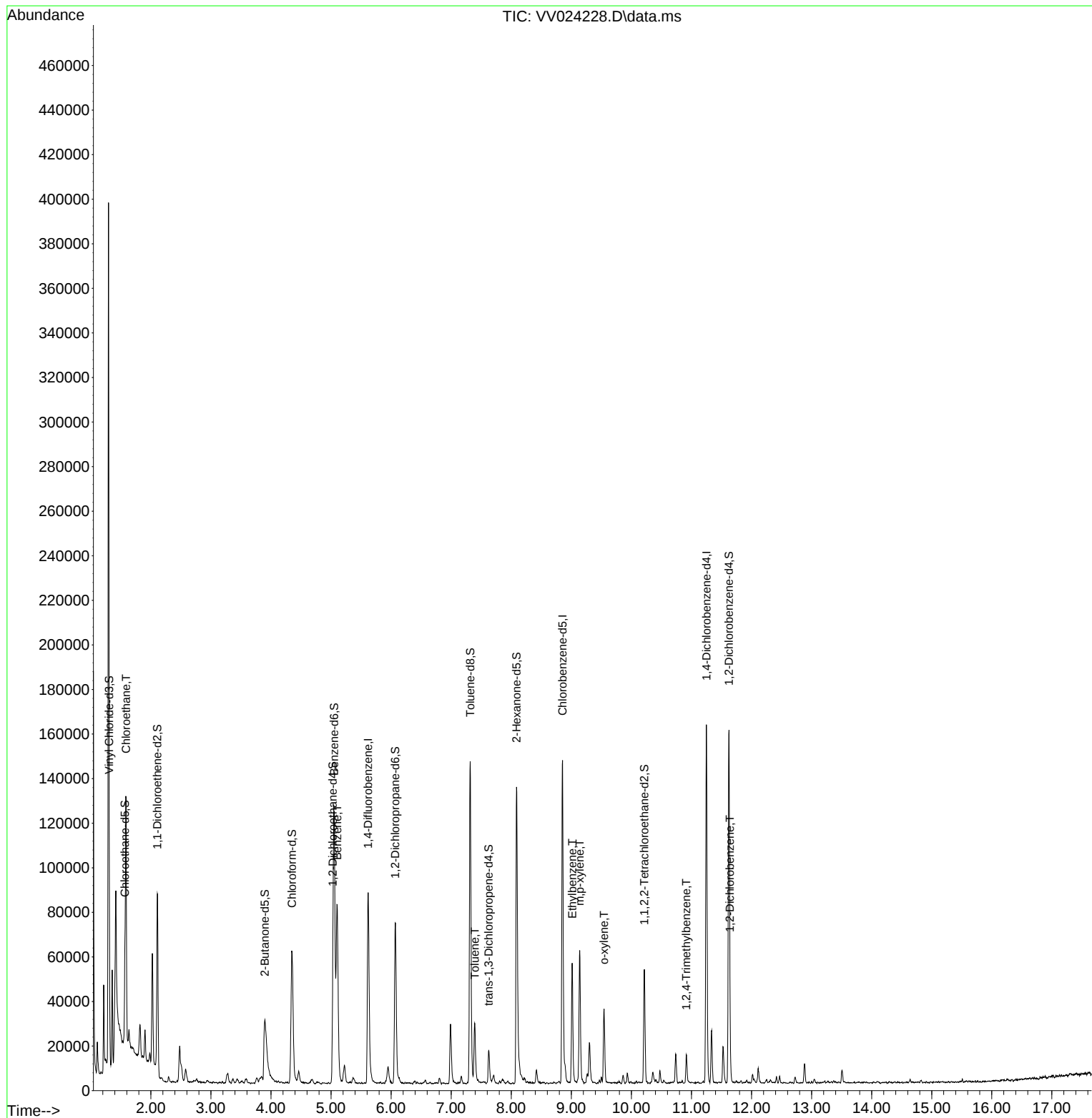
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	77348	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	80428	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	43544	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	24983	4.294	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.568	69	23972	4.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.108	63	39114	2.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.400%#
20) 2-Butanone-d5	3.896	46	54333	84.075	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	168.140%#
24) Chloroform-d	4.349	84	61525	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.031	65	30048	5.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	5.053	84	107846	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.069	67	31979	5.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.317	98	97205	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.625	79	8906	3.535	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.088	63	44988	53.111	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23062	5.677	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	41552	5.490	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						Qvalue
8) Chloroethane	1.587	64	55684	6.927	ug/L	96
33) Benzene	5.101	78	82911	1.965	ug/L	100
42) Toluene	7.394	91	21499	0.457	ug/L	96
52) Ethylbenzene	9.014	91	37214	0.743	ug/L	97
53) m,p-xylene	9.140	106	16967	0.854	ug/L	98
54) o-xylene	9.545	106	9323	0.490	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	7411	0.187	ug/L	90
67) 1,2-Dichlorobenzene	11.641	146	2643	0.122	ug/L #	86

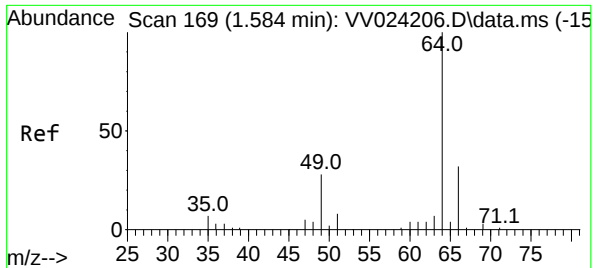
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 29 04:43:10 2021
Response via : Initial Calibration





#8

Chloroethane

Concen: 6.927 ug/L

RT: 1.587 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV024228.D

Acq: 28 Dec 2021 19:10

Instrument :

MSVOA_V

ClientSampleId :

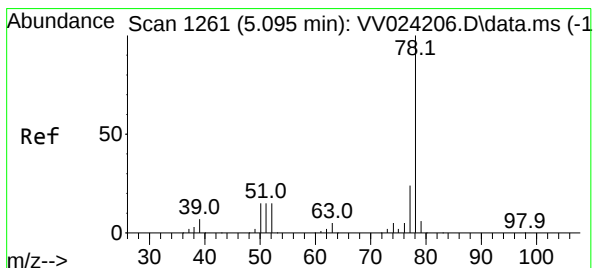
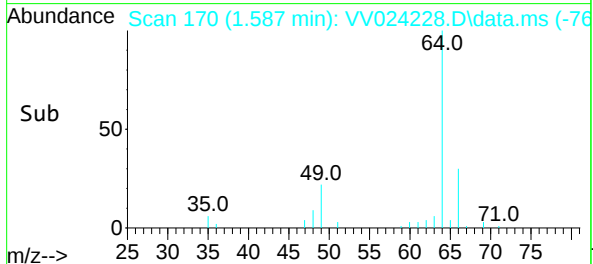
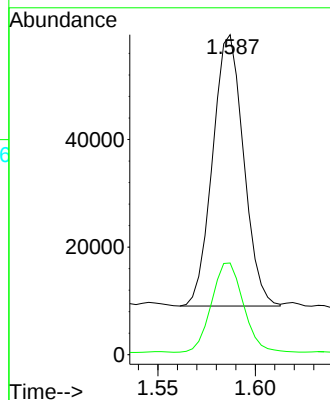
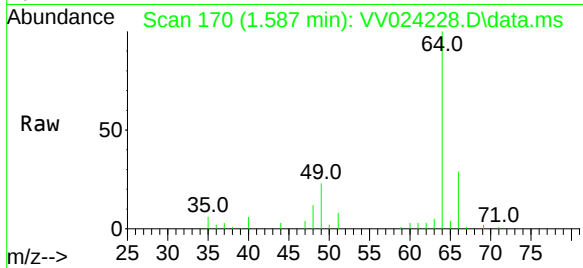
GBCC9DL2

Tgt Ion: 64 Resp: 55684

Ion Ratio Lower Upper

64 100

66 28.6 21.4 39.8



#33

Benzene

Concen: 1.965 ug/L

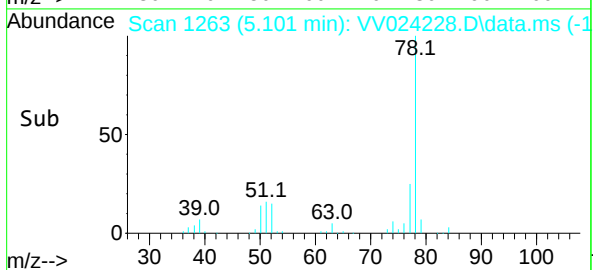
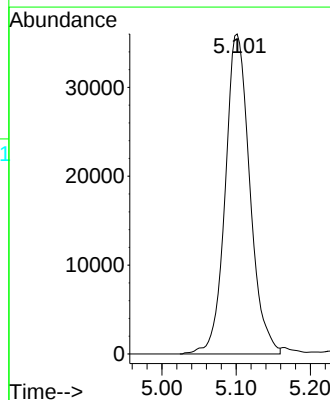
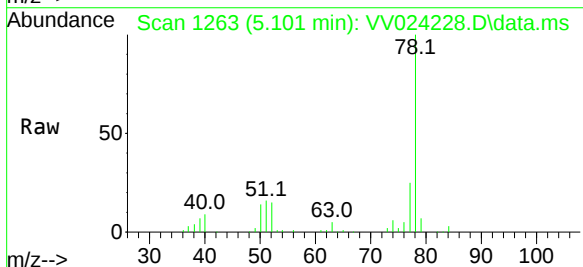
RT: 5.101 min Scan# 1263

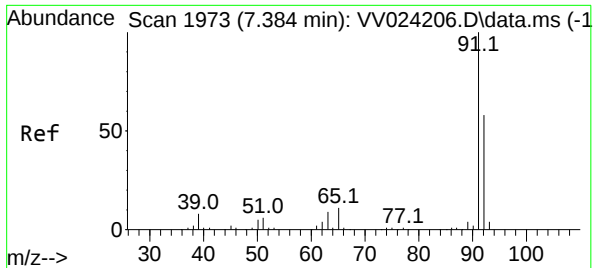
Delta R.T. 0.003 min

Lab File: VV024228.D

Acq: 28 Dec 2021 19:10

Tgt Ion: 78 Resp: 82911





#42

Toluene

Concen: 0.457 ug/L

RT: 7.394 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV024228.D

Acq: 28 Dec 2021 19:10

Instrument :

MSVOA_V

ClientSampleId :

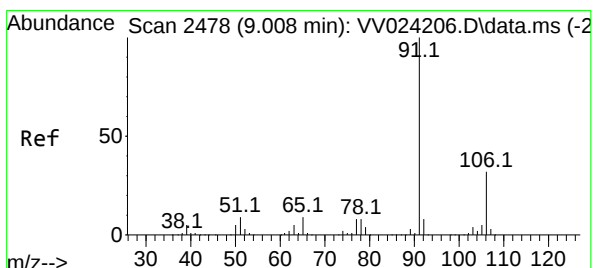
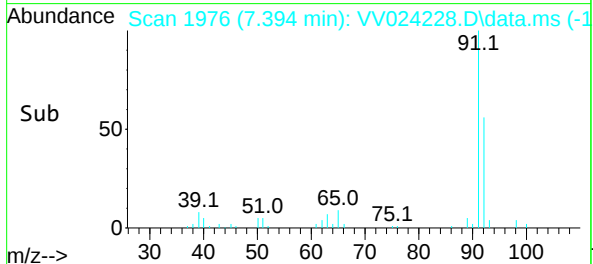
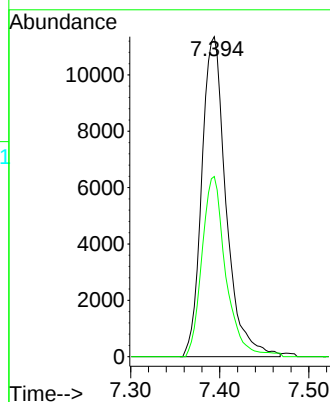
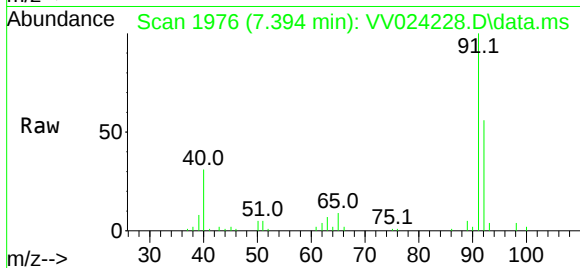
GBCC9DL2

Tgt Ion: 91 Resp: 21499

Ion Ratio Lower Upper

91 100

92 56.3 41.5 77.1



#52

Ethylbenzene

Concen: 0.743 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV024228.D

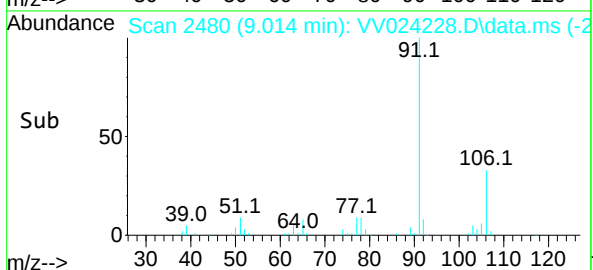
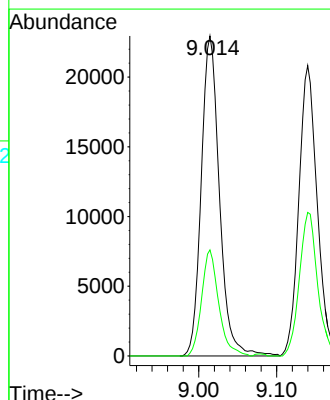
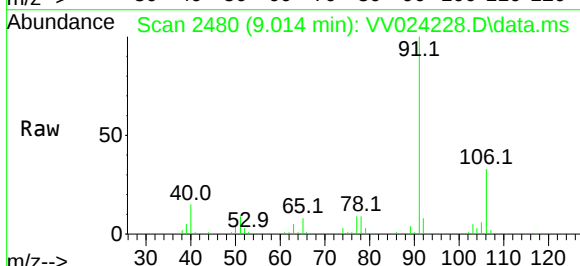
Acq: 28 Dec 2021 19:10

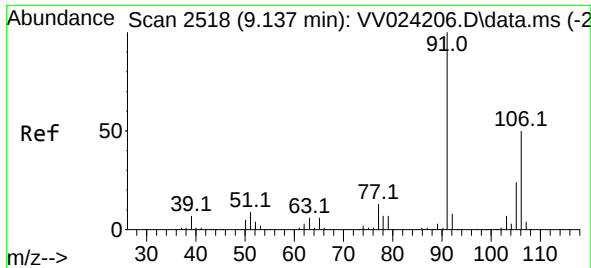
Tgt Ion: 91 Resp: 37214

Ion Ratio Lower Upper

91 100

106 33.1 22.0 41.0

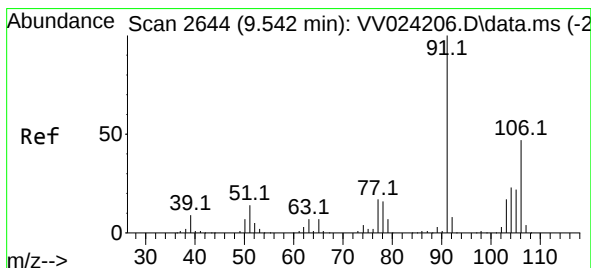
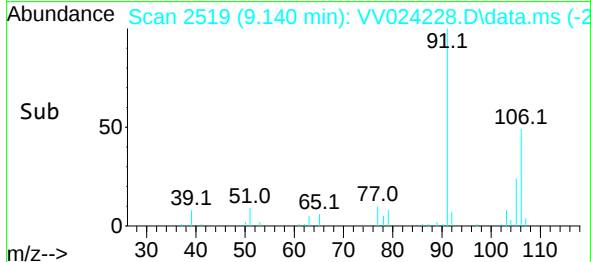
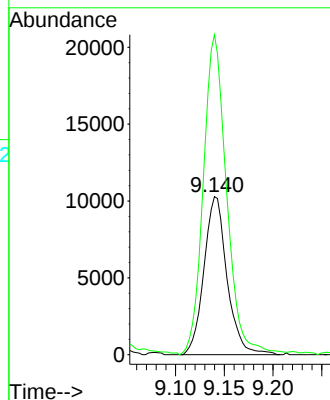
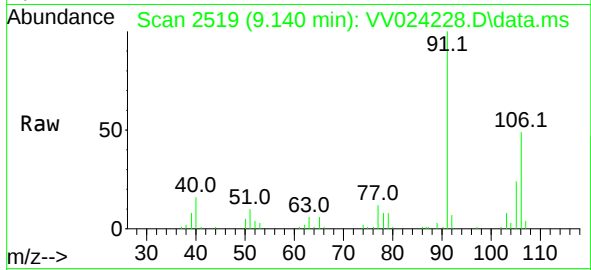




#53
m,p-xylene
Concen: 0.854 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024228.D
Acq: 28 Dec 2021 19:10

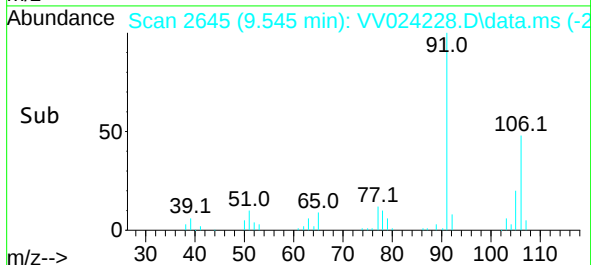
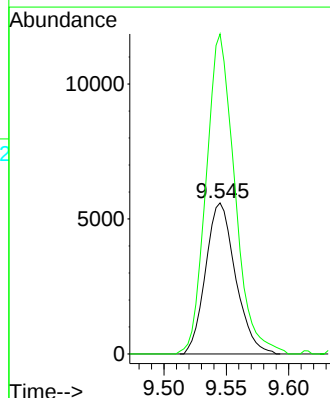
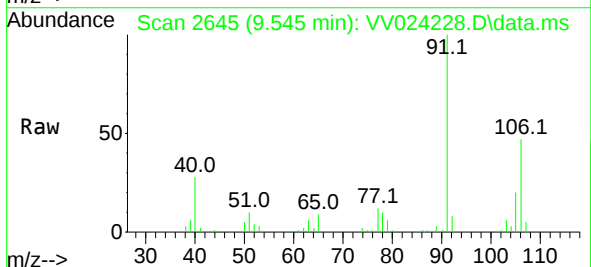
Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL2

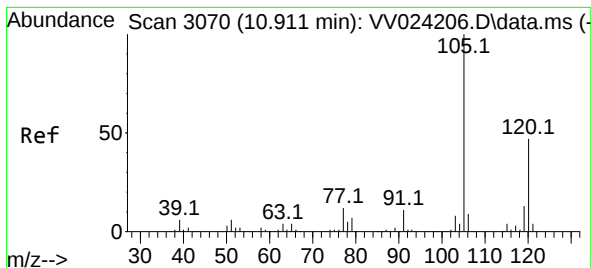
Tgt Ion:106 Resp: 16967
Ion Ratio Lower Upper
106 100
91 202.4 139.5 259.1



#54
o-xylene
Concen: 0.490 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024228.D
Acq: 28 Dec 2021 19:10

Tgt Ion:106 Resp: 9323
Ion Ratio Lower Upper
106 100
91 211.9 147.9 274.7





#63

1,2,4-Trimethylbenzene

Concen: 0.187 ug/L

RT: 10.915 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024228.D

Acq: 28 Dec 2021 19:10

Instrument :

MSVOA_V

ClientSampleId :

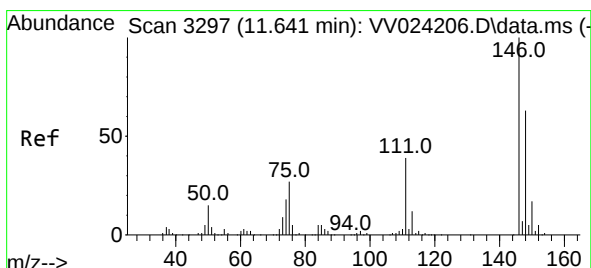
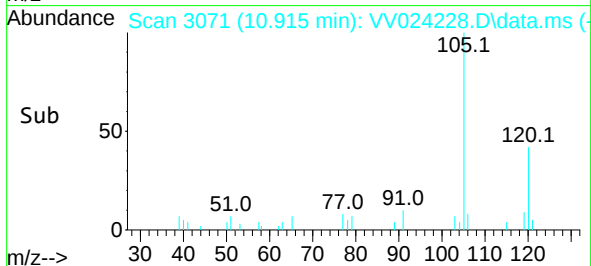
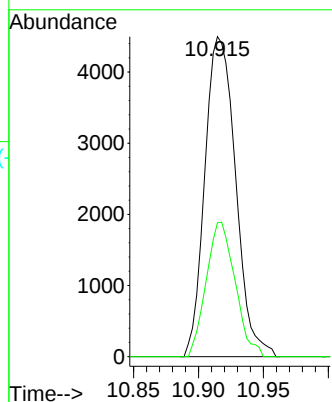
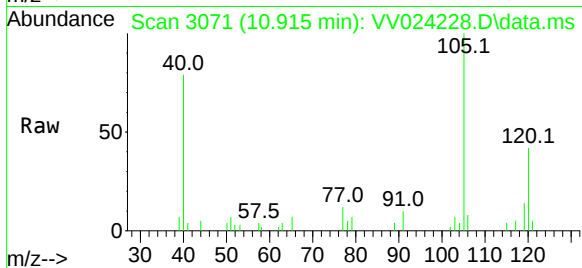
GBCC9DL2

Tgt Ion:105 Resp: 7411

Ion Ratio Lower Upper

105 100

120 39.4 36.7 55.1



#67

1,2-Dichlorobenzene

Concen: 0.122 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV024228.D

Acq: 28 Dec 2021 19:10

Tgt Ion:146 Resp: 2643

Ion Ratio Lower Upper

146 100

111 44.3 31.9 47.9

148 49.4 50.5 75.7#

