

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010622\
 Data File : VW024291.D
 Acq On : 06 Jan 2022 13:04
 Operator : SY/MD
 Sample : N1025-08DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLH2DL

Quant Time: Jan 07 01:37:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 07 01:34:41 2022
 Response via : Initial Calibration

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

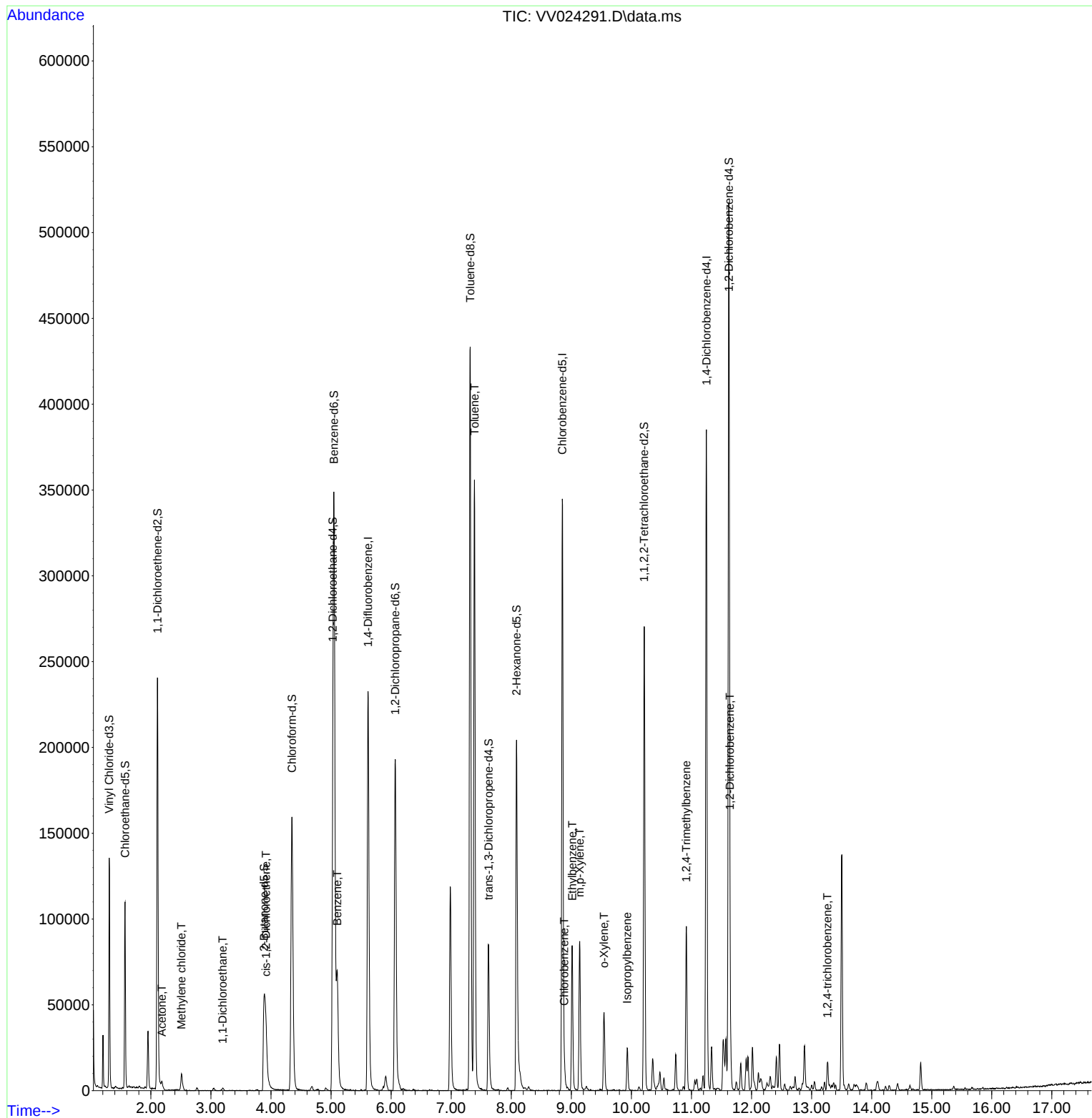
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	203684	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	190674	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	105756	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	79910	54.513	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 109.020%	
7) Chloroethane-d5	1.571	69	64641	58.048	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 116.100%	
11) 1,1-Dichloroethene-d2	2.111	63	119795	43.726	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 87.460%	
21) 2-Butanone-d5	3.886	46	89106	109.104	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 109.100%	
24) Chloroform-d	4.349	84	156063	58.251	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 116.500%	
26) 1,2-Dichloroethane-d4	5.031	65	108364	60.412	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 120.820%	
32) Benzene-d6	5.050	84	300558	60.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 120.800%	
36) 1,2-Dichloropropane-d6	6.069	67	87189	62.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 125.040%#	
41) Toluene-d8	7.317	98	290075	60.211	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 120.420%#	
43) trans-1,3-Dichloroprop...	7.622	79	46669	58.119	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 116.240%	
47) 2-Hexanone-d5	8.088	63	69537	114.777	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 114.780%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	115545	57.981	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 115.960%	
66) 1,2-Dichlorobenzene-d4	11.622	152	130497	61.906	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 123.820%#	
Target Compounds						
						Qvalue
13) Acetone	2.182	43	7290	9.041	ug/L	97
16) Methylene chloride	2.510	84	4084	3.023	ug/L	90
19) 1,1-Dichloroethane	3.195	63	1905	0.898	ug/L	90
20) cis-1,2-Dichloroethene	3.918	96	12634	9.253	ug/L	93
33) Benzene	5.101	78	71871	14.824	ug/L	100
42) Toluene	7.387	91	256926	47.208	ug/L	99
51) Chlorobenzene	8.883	112	5930	1.618	ug/L	97
52) Ethylbenzene	9.014	91	59451	10.225	ug/L	97
53) m,p-Xylene	9.140	106	25786	11.064	ug/L	96
54) o-Xylene	9.545	106	13227	5.946	ug/L	95
60) Isopropylbenzene	9.931	105	16537	2.826	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	51320	10.212	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	7571	2.435	ug/L #	94
70) 1,2,4-trichlorobenzene	13.262	180	3238	1.631	ug/L #	94

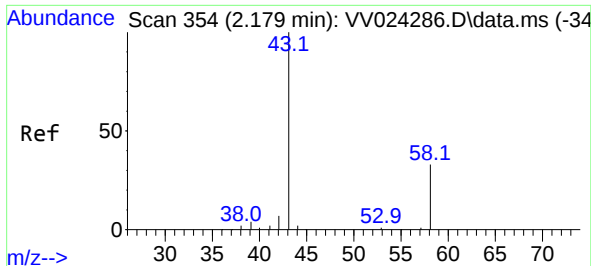
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 07 01:34:41 2022
Response via : Initial Calibration





#13

Acetone

Concen: 9.041 ug/L

RT: 2.182 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV024291.D

Acq: 06 Jan 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

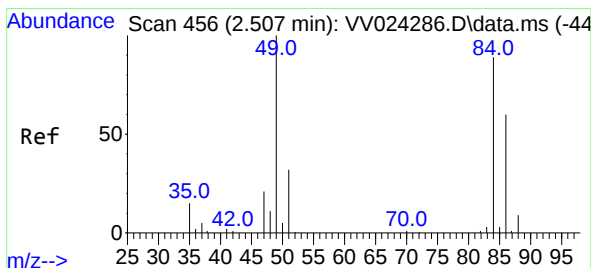
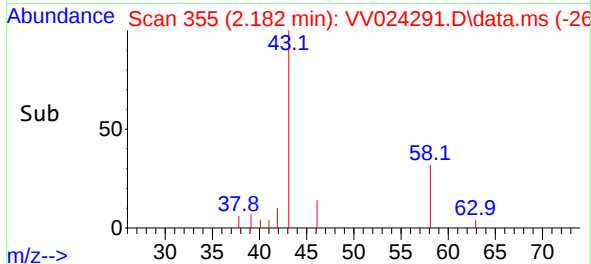
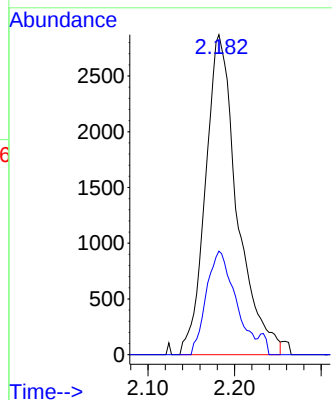
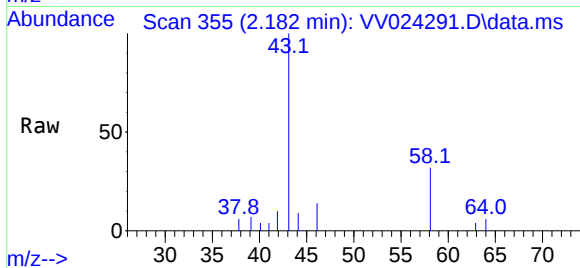
BGLH2DL

Tgt Ion: 43 Resp: 7290

Ion Ratio Lower Upper

43 100

58 29.7 0.0 63.0



#16

Methylene chloride

Concen: 3.023 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV024291.D

Acq: 06 Jan 2022 13:04

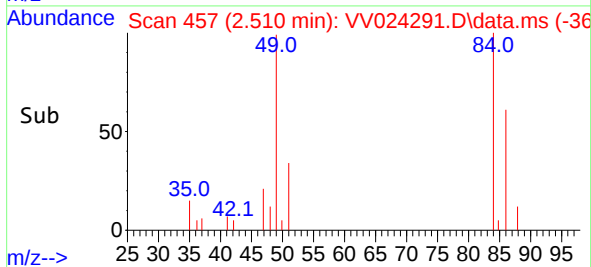
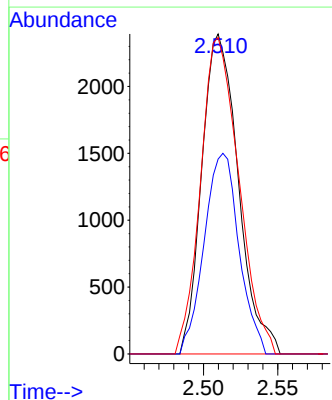
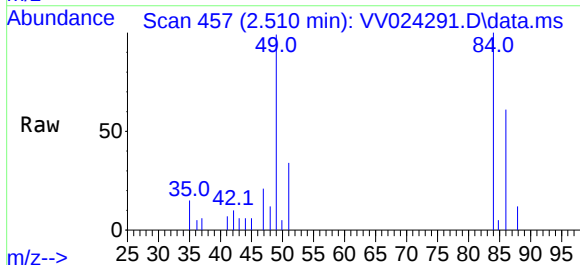
Tgt Ion: 84 Resp: 4084

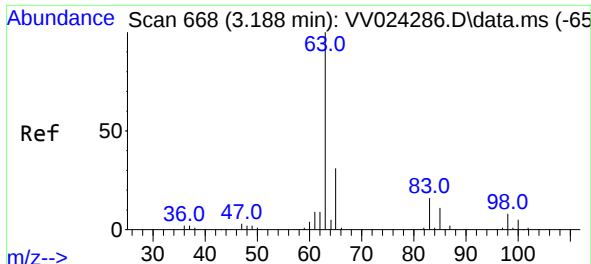
Ion Ratio Lower Upper

84 100

86 60.9 46.8 86.8

49 98.9 78.3 145.3





#19

1,1-Dichloroethane

Concen: 0.898 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV024291.D

Acq: 06 Jan 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

BGLH2DL

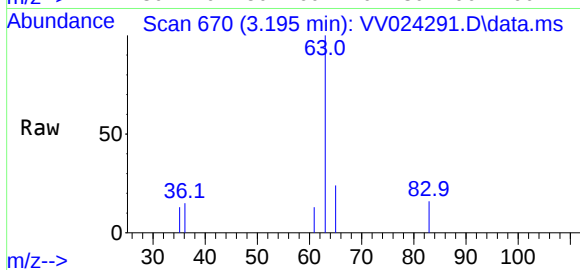
Tgt Ion: 63 Resp: 1905

Ion Ratio Lower Upper

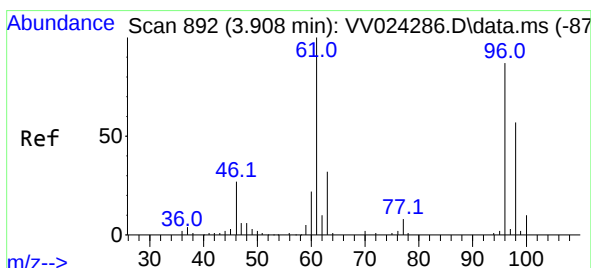
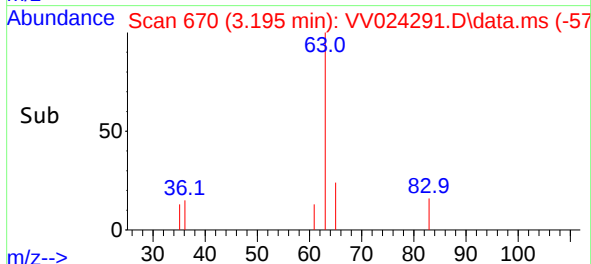
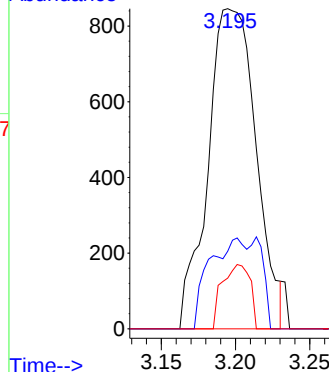
63 100

65 24.2 22.4 41.6

83 15.8 10.6 19.6



Abundance



#20

cis-1,2-Dichloroethene

Concen: 9.253 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.010 min

Lab File: VV024291.D

Acq: 06 Jan 2022 13:04

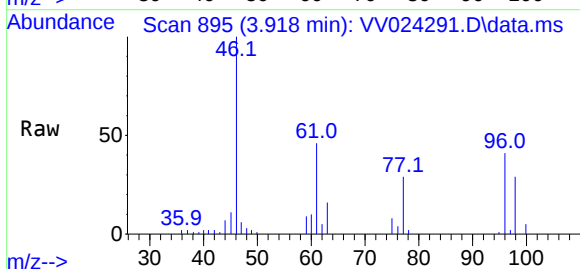
Tgt Ion: 96 Resp: 12634

Ion Ratio Lower Upper

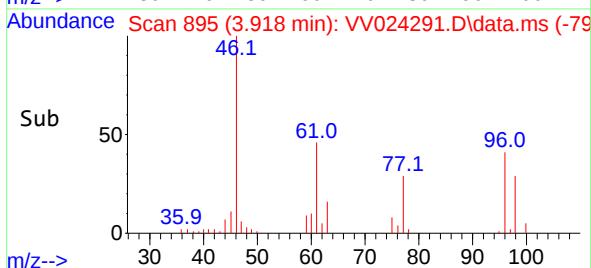
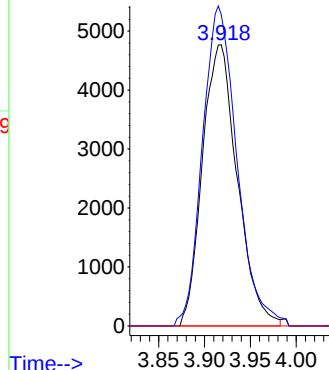
96 100

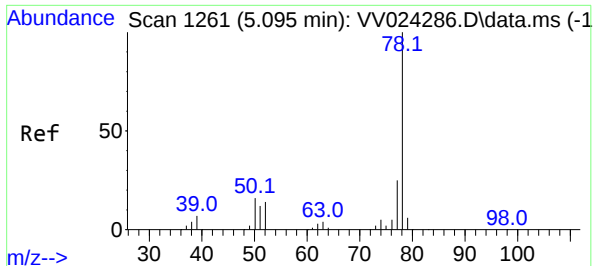
61 110.8 82.9 153.9

68 0.0 0.0 0.0



Abundance

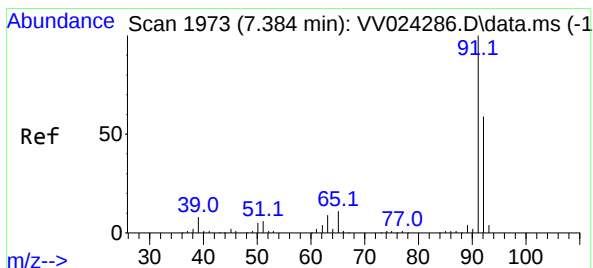
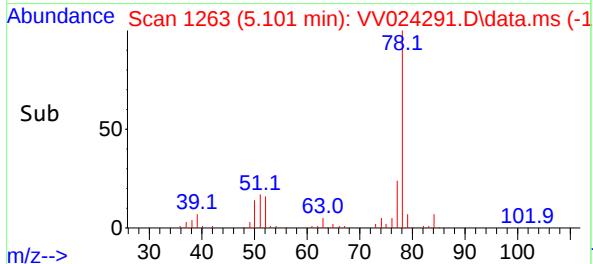
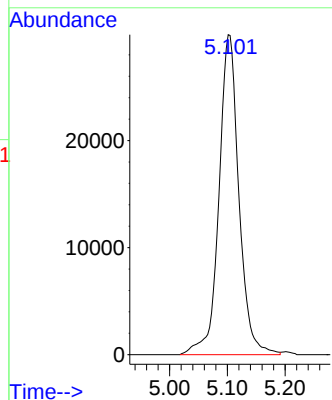
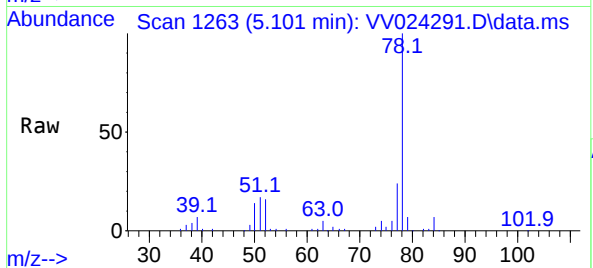




#33
Benzene
Concen: 14.824 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV024291.D
Acq: 06 Jan 2022 13:04

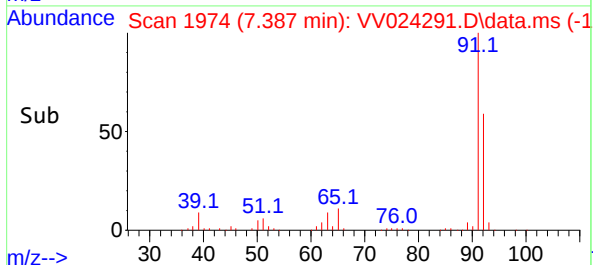
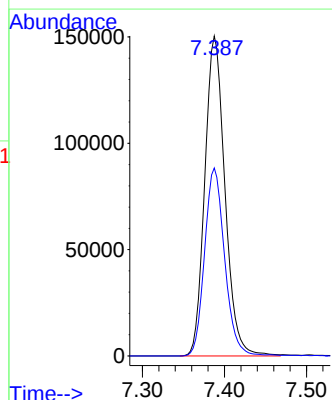
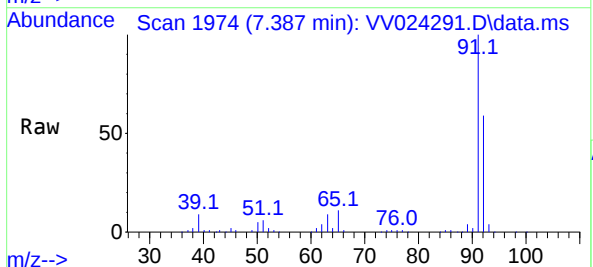
Instrument :
MSVOA_V
ClientSampleId :
BGLH2DL

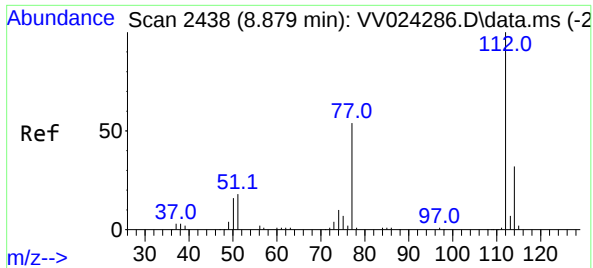
Tgt Ion: 78 Resp: 71871



#42
Toluene
Concen: 47.208 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV024291.D
Acq: 06 Jan 2022 13:04

Tgt Ion: 91 Resp: 256926
Ion Ratio Lower Upper
91 100
92 58.8 40.4 75.0

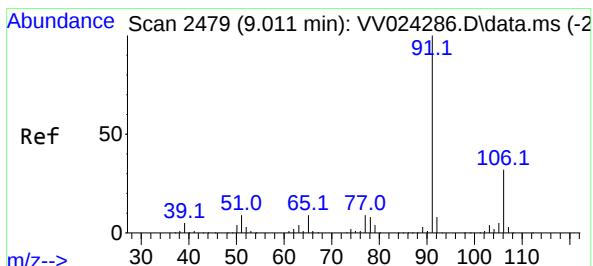
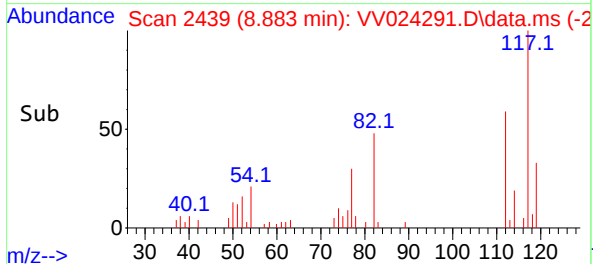
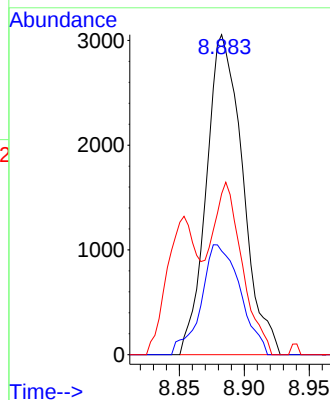
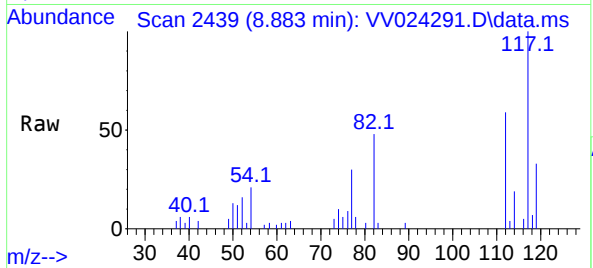




#51
Chlorobenzene
Concen: 1.618 ug/L
RT: 8.883 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV024291.D
Acq: 06 Jan 2022 13:04

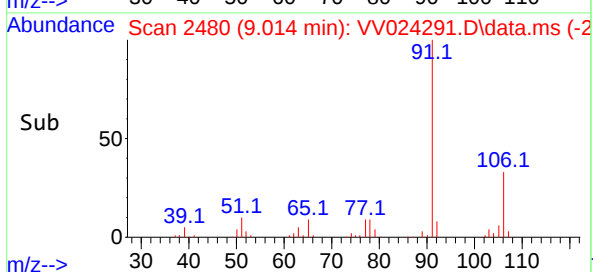
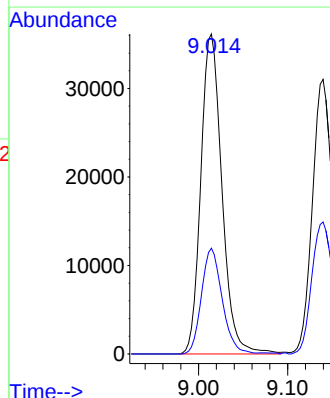
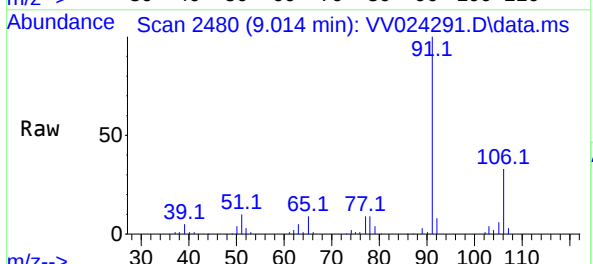
Instrument :
MSVOA_V
ClientSampleId :
BGLH2DL

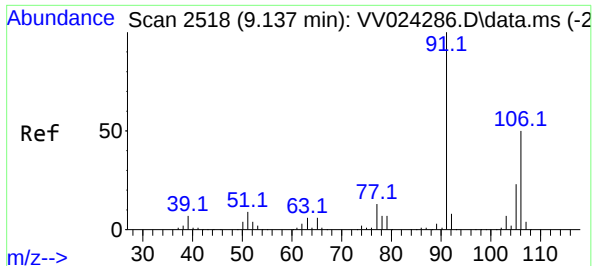
Tgt Ion:	112	Resp:	5930
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.3	41.5
77	50.3	42.8	64.2



#52
Ethylbenzene
Concen: 10.225 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV024291.D
Acq: 06 Jan 2022 13:04

Tgt Ion:	91	Resp:	59451
Ion	Ratio	Lower	Upper
91	100		
106	33.0	22.0	41.0





#53

m,p-Xylene

Concen: 11.064 ug/L

RT: 9.140 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV024291.D

Acq: 06 Jan 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

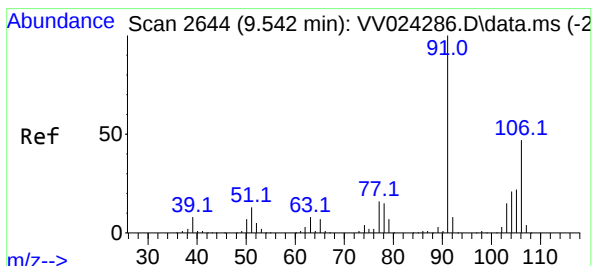
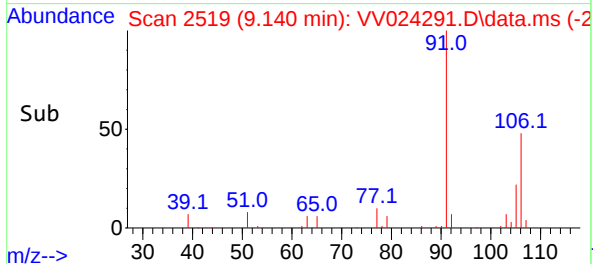
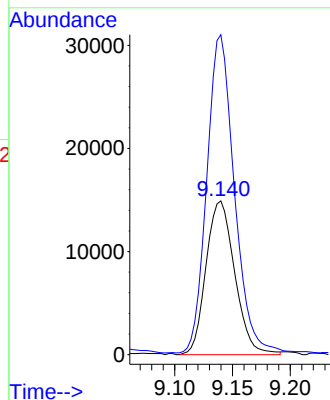
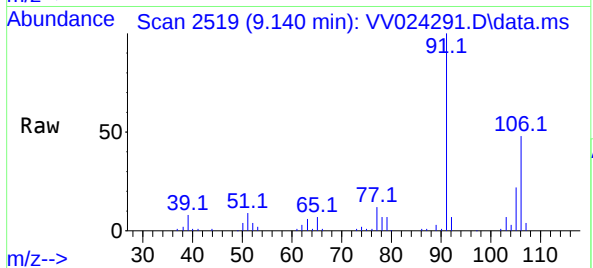
BGLH2DL

Tgt Ion:106 Resp: 25786

Ion Ratio Lower Upper

106 100

91 208.2 141.8 263.4



#54

o-Xylene

Concen: 5.946 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. 0.003 min

Lab File: VV024291.D

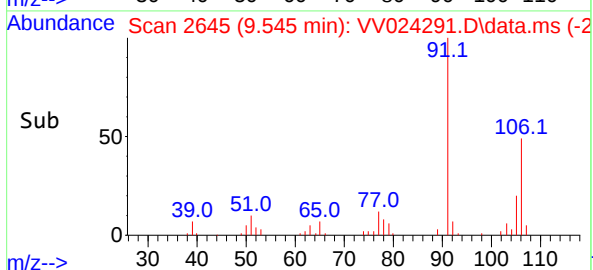
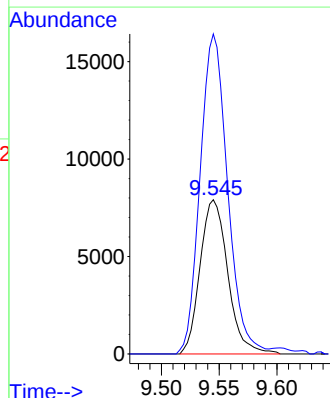
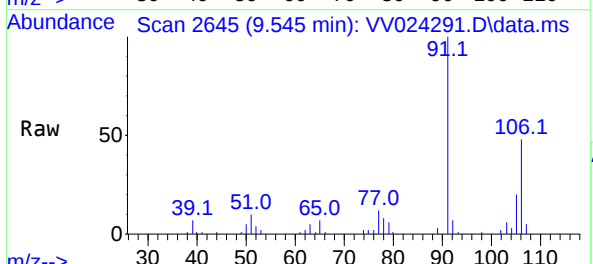
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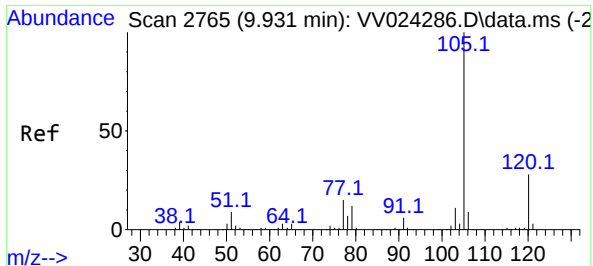
Tgt Ion:106 Resp: 13227

Ion Ratio Lower Upper

106 100

91 207.5 150.9 280.3

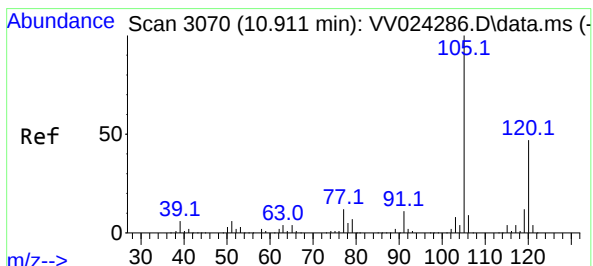
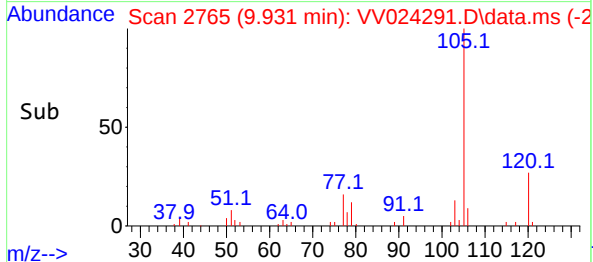
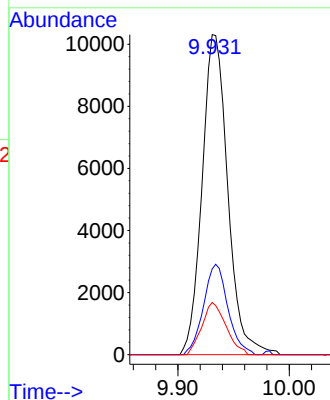
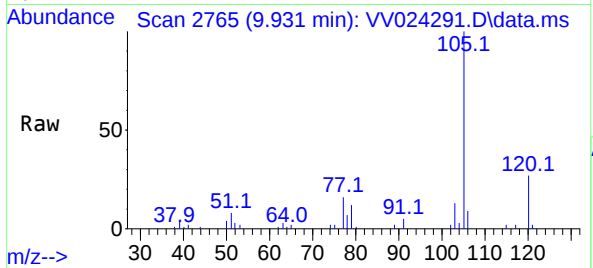




#60
Isopropylbenzene
Concen: 2.826 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024291.D
Acq: 06 Jan 2022 13:04

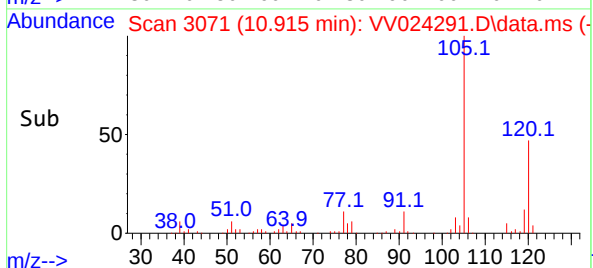
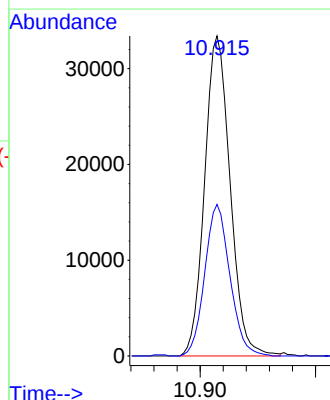
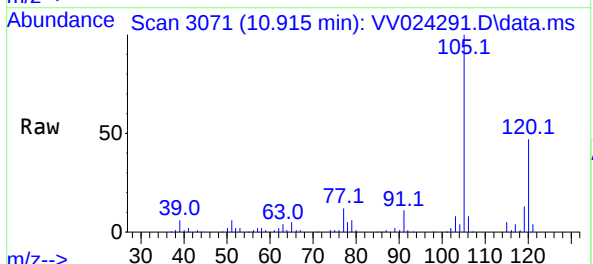
Instrument :
MSVOA_V
ClientSampleId :
BGLH2DL

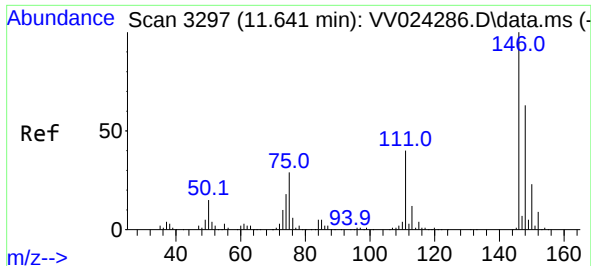
Tgt Ion:105 Resp: 16537
Ion Ratio Lower Upper
105 100
120 26.9 21.9 32.9
77 15.3 11.9 17.9



#63
1,2,4-Trimethylbenzene
Concen: 10.212 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV024291.D
Acq: 06 Jan 2022 13:04

Tgt Ion:105 Resp: 51320
Ion Ratio Lower Upper
105 100
120 46.7 36.6 55.0





#67

1,2-Dichlorobenzene

Concen: 2.435 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV024291.D

Acq: 06 Jan 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

BGLH2DL

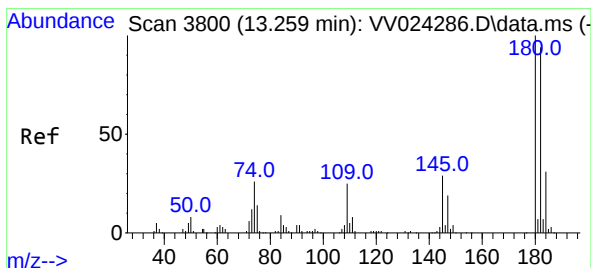
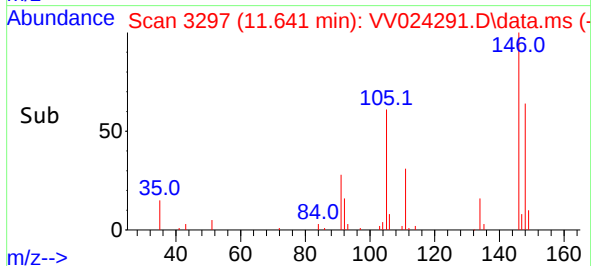
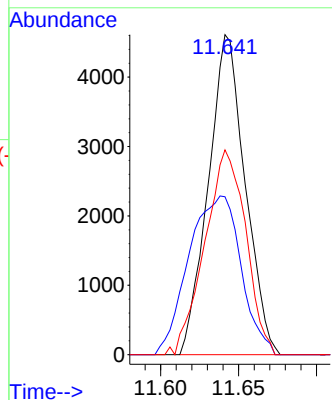
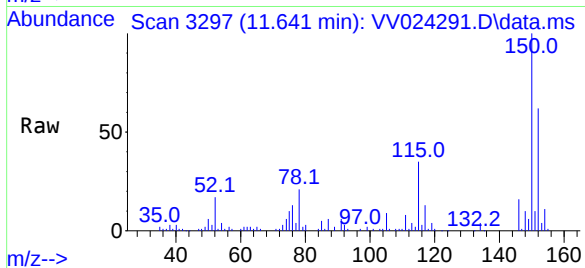
Tgt Ion:146 Resp: 7571

Ion Ratio Lower Upper

146 100

111 49.4 32.0 48.0#

148 64.0 51.6 77.4



#70

1,2,4-trichlorobenzene

Concen: 1.631 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV024291.D

Acq: 06 Jan 2022 13:04

Tgt Ion:180 Resp: 3238

Ion Ratio Lower Upper

180 100

182 96.7 75.6 113.4

145 39.3 23.9 35.9#

