

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010622\
 Data File : VW024289.D
 Acq On : 06 Jan 2022 12:16
 Operator : SY/MD
 Sample : N1025-08DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLH2DL

Quant Time: Jan 07 01:37:24 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)

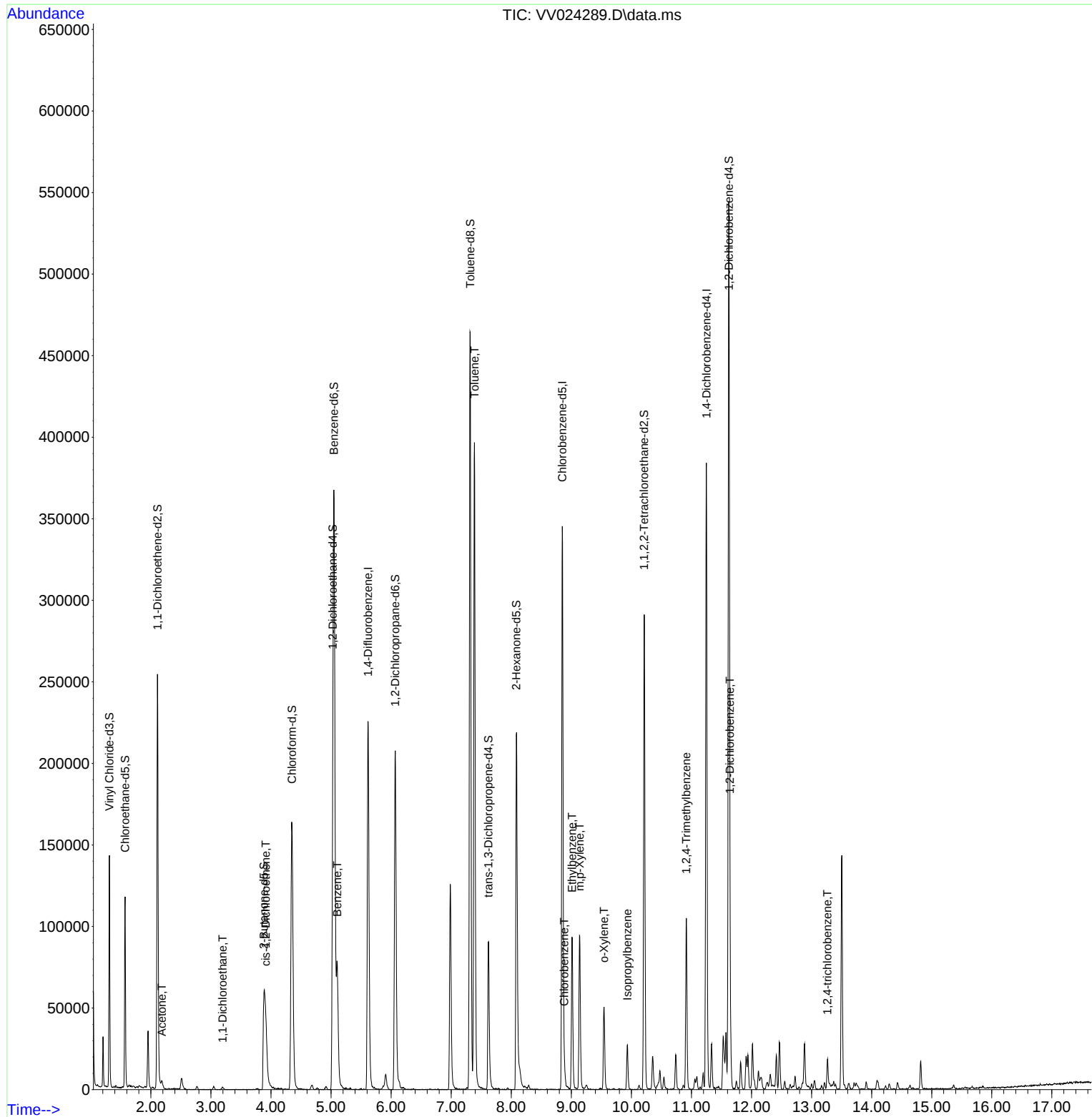
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	200533	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	190942	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	104030	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	85181	59.022	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.040%
7) Chloroethane-d5	1.571	69	66609	60.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.520%
11) 1,1-Dichloroethene-d2	2.111	63	125101	46.380	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.760%
21) 2-Butanone-d5	3.883	46	98935	123.042	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.040%
24) Chloroform-d	4.349	84	166867	63.263	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	126.520%#
26) 1,2-Dichloroethane-d4	5.031	65	114711	64.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.920%#
32) Benzene-d6	5.050	84	319707	64.163	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	128.320%#
36) 1,2-Dichloropropane-d6	6.069	67	90012	64.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	128.920%#
41) Toluene-d8	7.317	98	306145	63.457	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	126.920%#
43) trans-1,3-Dichloroprop...	7.619	79	51648	64.230	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	128.460%#
47) 2-Hexanone-d5	8.085	63	74038	122.035	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.030%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	123276	61.773	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	123.540%#
66) 1,2-Dichlorobenzene-d4	11.622	152	137977	66.541	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	133.080%#
Target Compounds						Qvalue
13) Acetone	2.182	43	6096	7.679	ug/L	99
19) 1,1-Dichloroethane	3.195	63	2048	0.981	ug/L #	81
20) cis-1,2-Dichloroethene	3.912	96	12818	9.535	ug/L	95
33) Benzene	5.101	78	79905	16.458	ug/L	100
42) Toluene	7.387	91	283588	52.034	ug/L	99
51) Chlorobenzene	8.882	112	6534	1.780	ug/L	99
52) Ethylbenzene	9.011	91	64943	11.154	ug/L	98
53) m,p-Xylene	9.140	106	27926	11.966	ug/L	96
54) o-Xylene	9.545	106	13640	6.123	ug/L	96
60) Isopropylbenzene	9.934	105	17978	3.123	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	54670	11.059	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	8882	2.904	ug/L #	89
70) 1,2,4-trichlorobenzene	13.265	180	3385	1.734	ug/L #	94

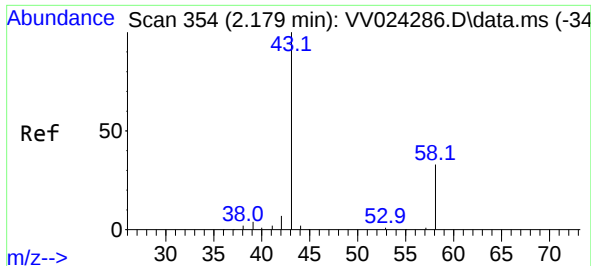
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 7.679 ug/L

RT: 2.182 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV024289.D

Acq: 06 Jan 2022 12:16

Instrument :

MSVOA_V

ClientSampleId :

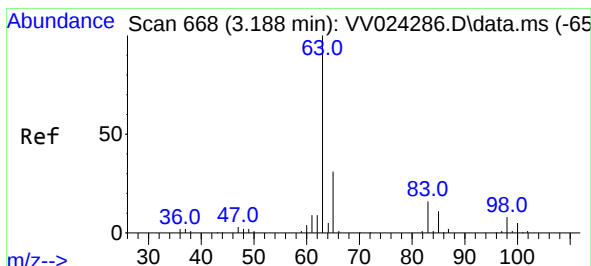
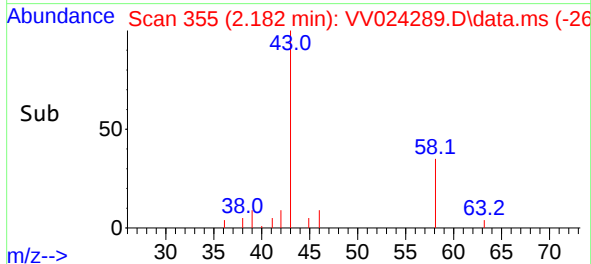
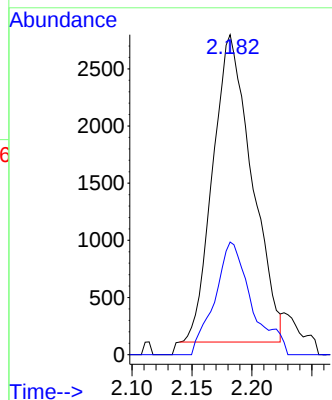
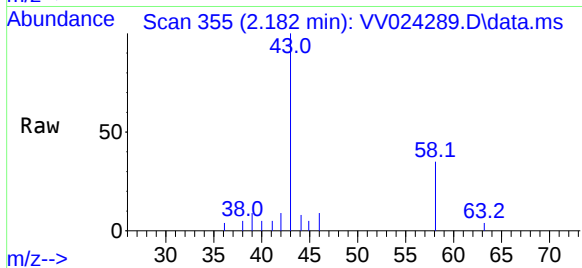
BGLH2DL

Tgt Ion: 43 Resp: 6096

Ion Ratio Lower Upper

43 100

58 32.1 0.0 63.0



#19

1,1-Dichloroethane

Concen: 0.981 ug/L

RT: 3.195 min Scan# 670

Delta R.T. 0.006 min

Lab File: VV024289.D

Acq: 06 Jan 2022 12:16

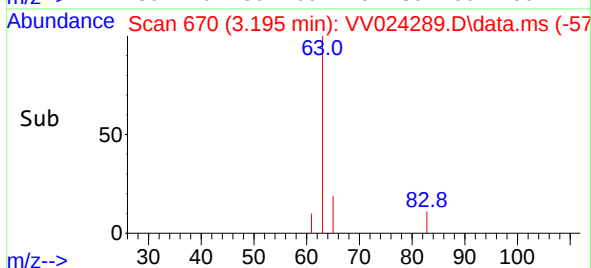
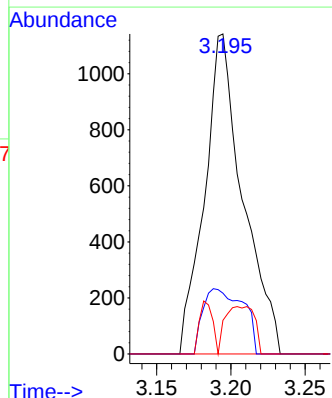
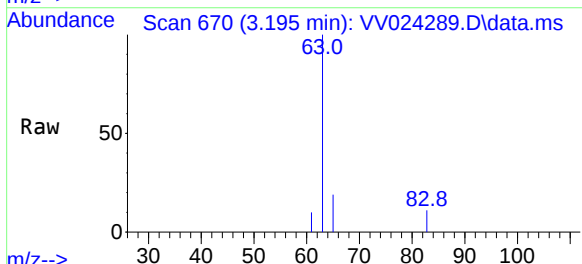
Tgt Ion: 63 Resp: 2048

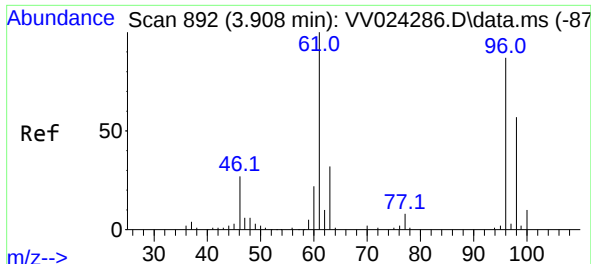
Ion Ratio Lower Upper

63 100

65 19.0 22.4 41.6#

83 10.5 10.6 19.6#

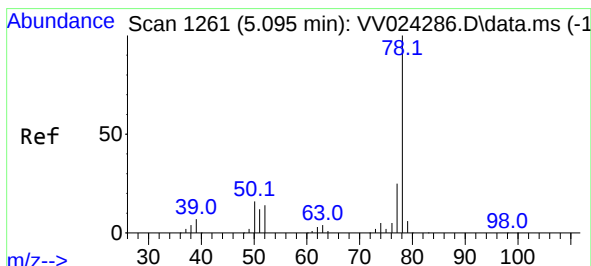
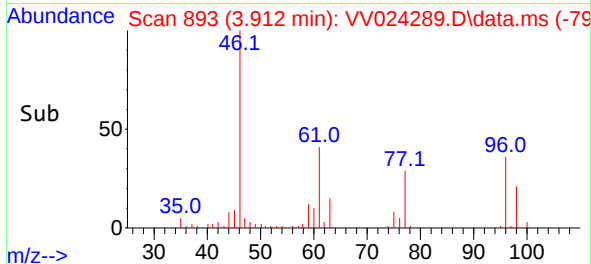
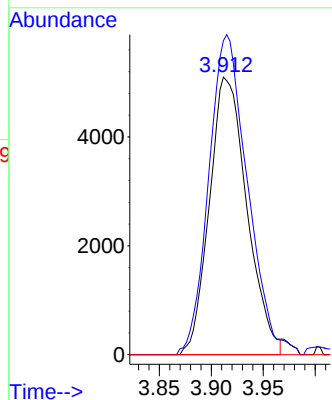
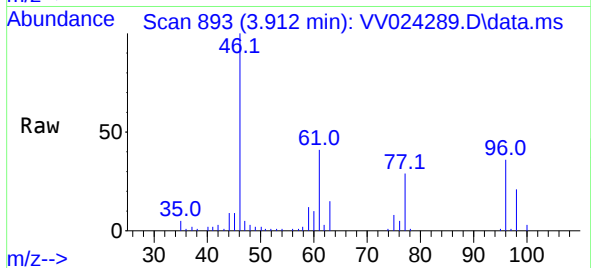




#20
cis-1,2-Dichloroethene
Concen: 9.535 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV024289.D
Acq: 06 Jan 2022 12:16

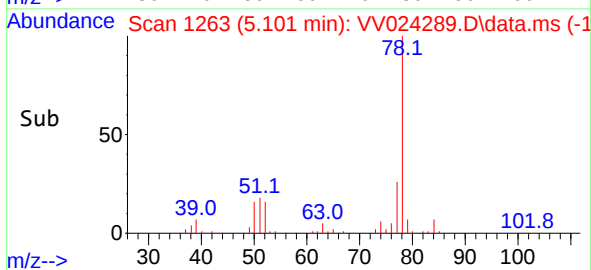
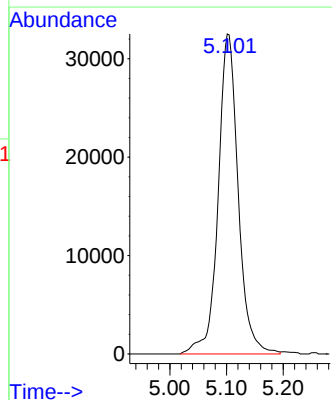
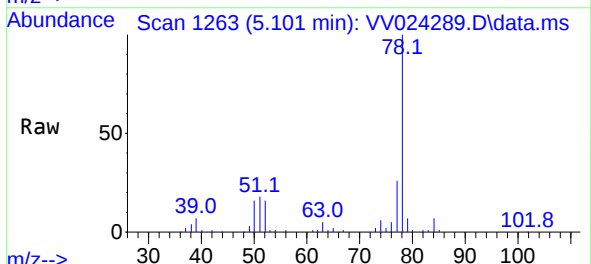
Instrument :
MSVOA_V
ClientSampleId :
BGLH2DL

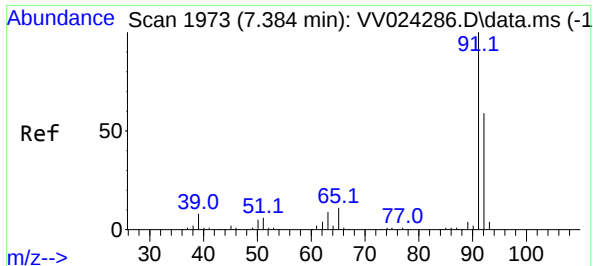
Tgt Ion: 96 Resp: 12818
Ion Ratio Lower Upper
96 100
61 113.1 82.9 153.9
68 0.0 0.0 0.0



#33
Benzene
Concen: 16.458 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV024289.D
Acq: 06 Jan 2022 12:16

Tgt Ion: 78 Resp: 79905

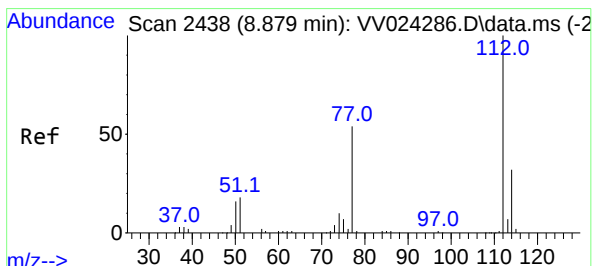
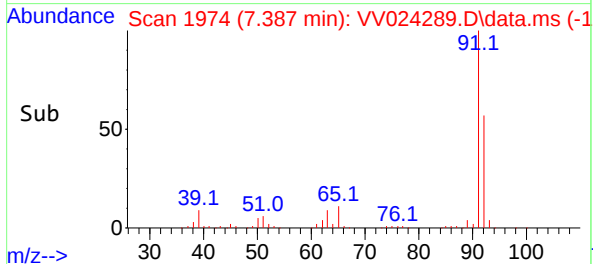
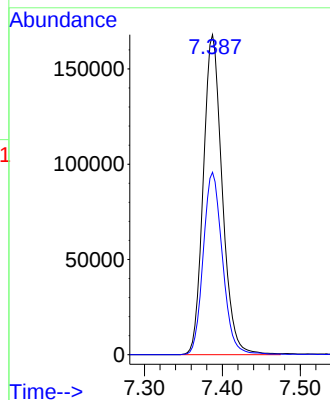
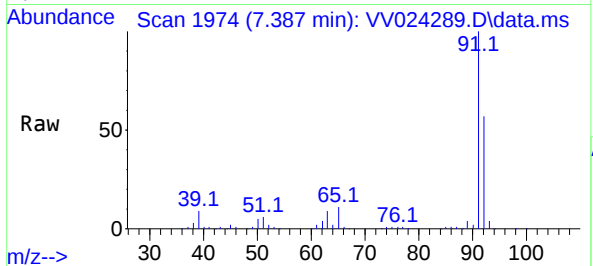




#42
Toluene
Concen: 52.034 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV024289.D
Acq: 06 Jan 2022 12:16

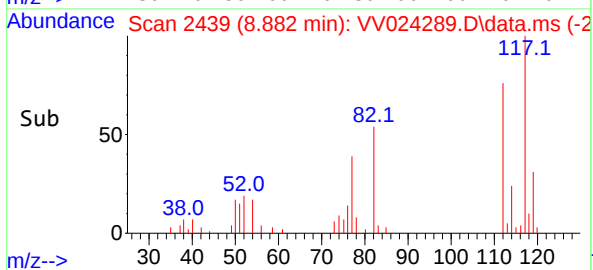
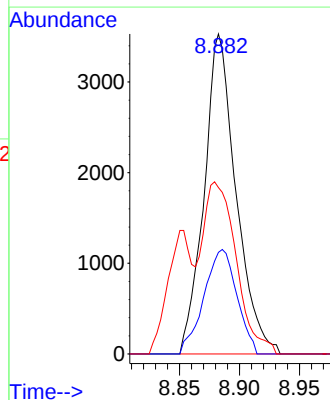
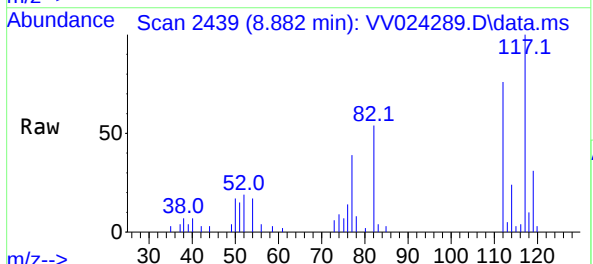
Instrument :
MSVOA_V
ClientSampleId :
BGLH2DL

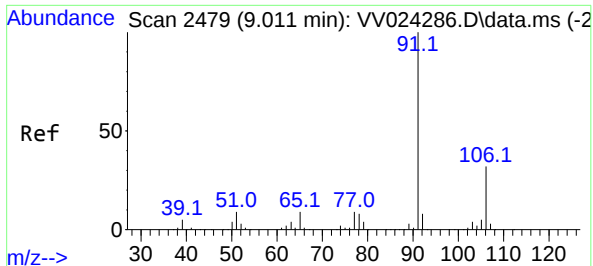
Tgt Ion: 91 Resp: 283588
Ion Ratio Lower Upper
91 100
92 57.0 40.4 75.0



#51
Chlorobenzene
Concen: 1.780 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV024289.D
Acq: 06 Jan 2022 12:16

Tgt Ion: 112 Resp: 6534
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.5
77 52.0 42.8 64.2

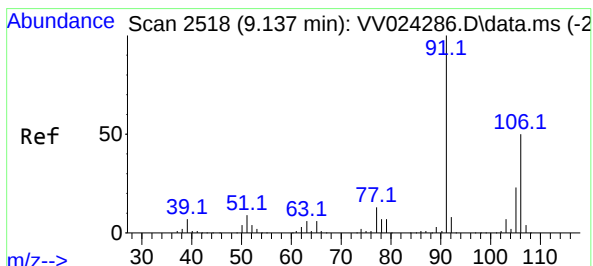
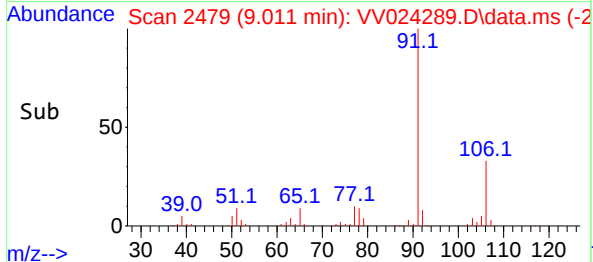
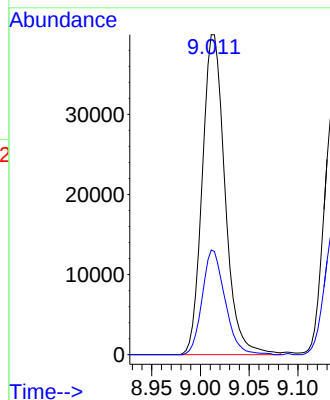
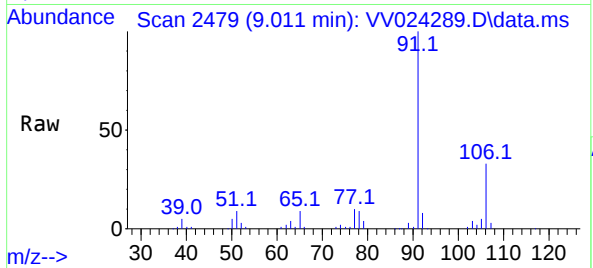




#52
Ethylbenzene
Concen: 11.154 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024289.D
Acq: 06 Jan 2022 12:16

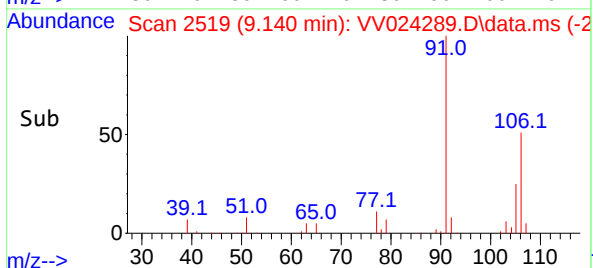
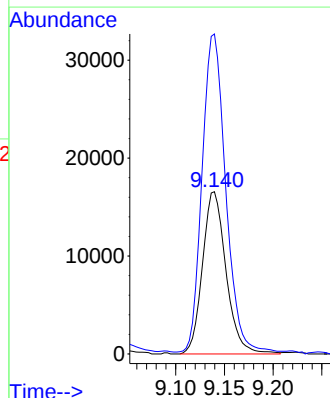
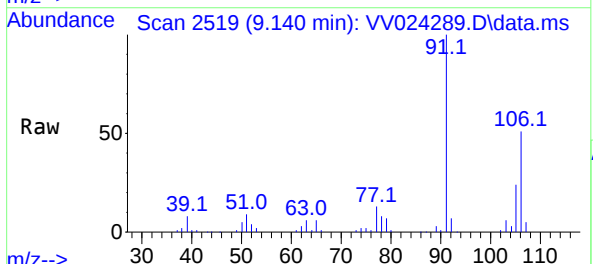
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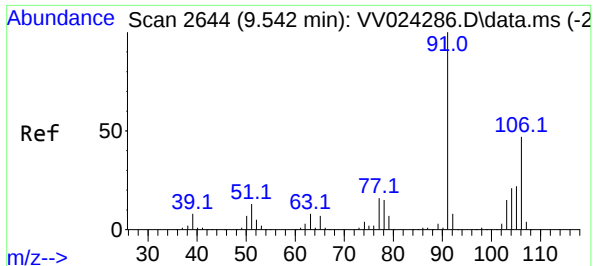
Tgt Ion: 91 Resp: 64943
Ion Ratio Lower Upper
91 100
106 32.7 22.0 41.0



#53
m,p-Xylene
Concen: 11.966 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV024289.D
Acq: 06 Jan 2022 12:16

Tgt Ion: 106 Resp: 27926
Ion Ratio Lower Upper
106 100
91 197.2 141.8 263.4

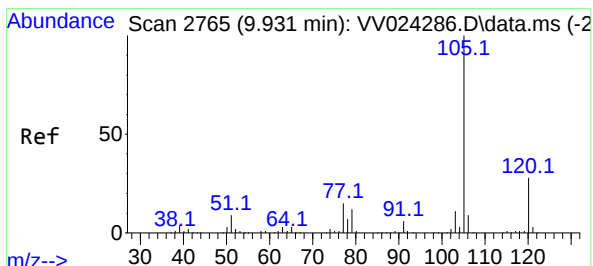
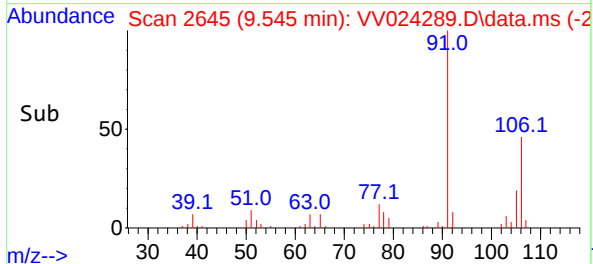
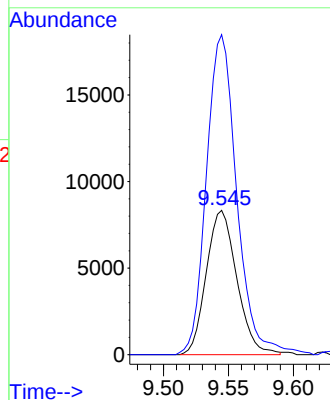
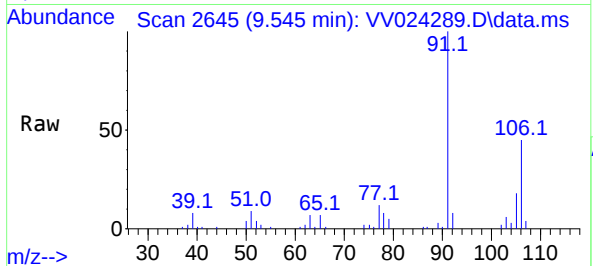




#54
o-Xylene
Concen: 6.123 ug/L
RT: 9.545 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024289.D
Acq: 06 Jan 2022 12:16

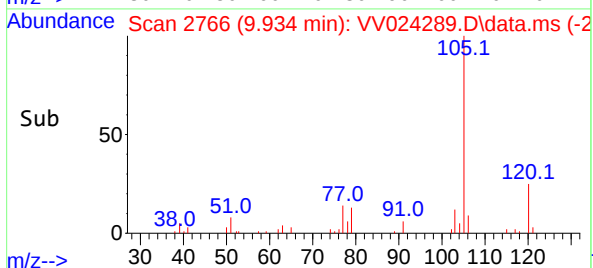
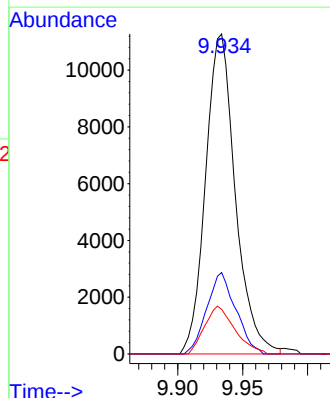
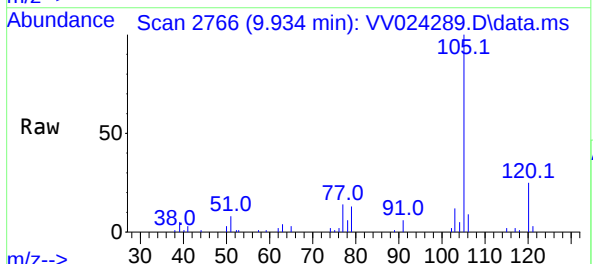
Instrument :
MSVOA_V
ClientSampleId :
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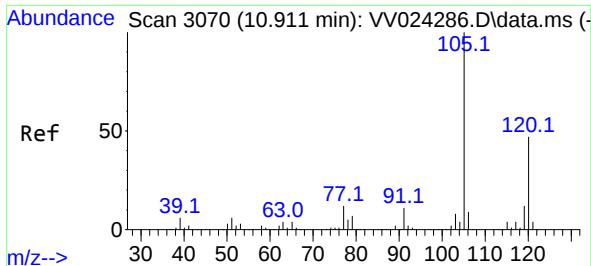
Tgt Ion:106 Resp: 13640
Ion Ratio Lower Upper
106 100
91 221.7 150.9 280.3



#60
Isopropylbenzene
Concen: 3.123 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV024289.D
Acq: 06 Jan 2022 12:16

Tgt Ion:105 Resp: 17978
Ion Ratio Lower Upper
105 100
120 24.8 21.9 32.9
77 15.1 11.9 17.9

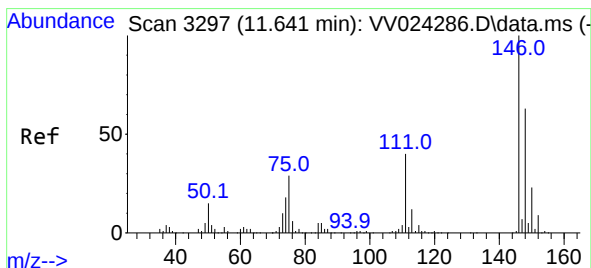
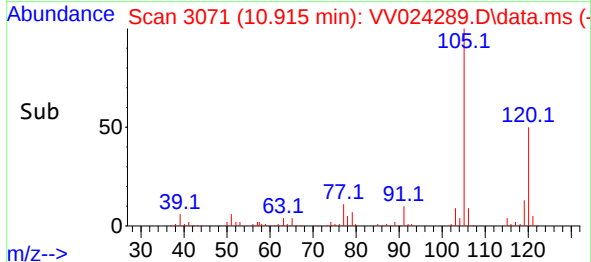
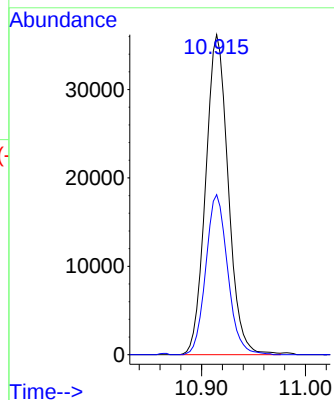
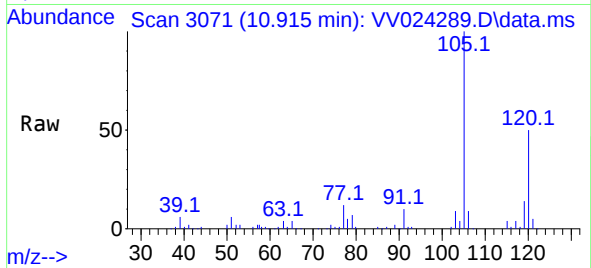




#63
1,2,4-Trimethylbenzene
Concen: 11.059 ug/L
RT: 10.915 min Scan# 3070
Delta R.T. 0.003 min
Lab File: VV024289.D
Acq: 06 Jan 2022 12:16

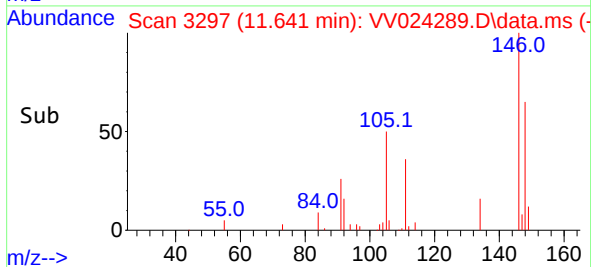
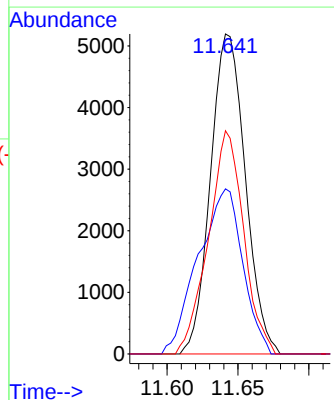
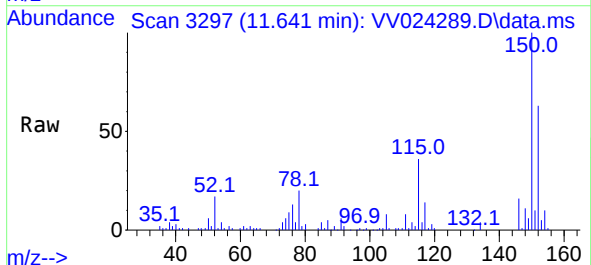
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BGLH2DL

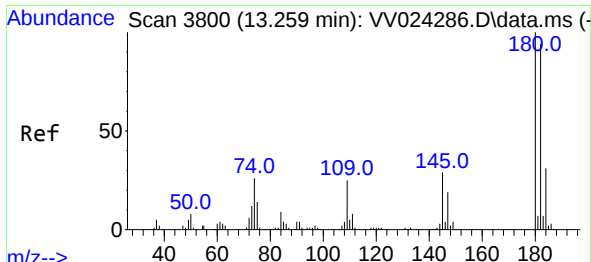
Tgt Ion:105 Resp: 54670
Ion Ratio Lower Upper
105 100
120 48.4 36.6 55.0



#67
1,2-Dichlorobenzene
Concen: 2.904 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024289.D
Acq: 06 Jan 2022 12:16

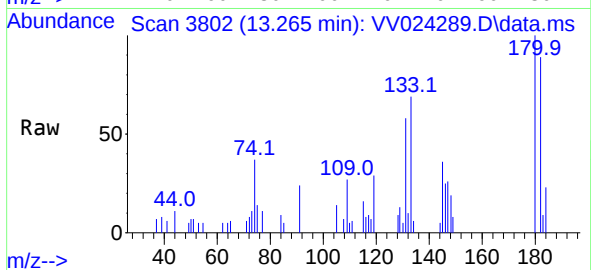
Tgt Ion:146 Resp: 8882
Ion Ratio Lower Upper
146 100
111 51.6 32.0 48.0#
148 69.8 51.6 77.4





#70
 1,2,4-trichlorobenzene
 Concen: 1.734 ug/L
 RT: 13.265 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VV024289.D
 Acq: 06 Jan 2022 12:16

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLH2DL



Tgt Ion:180 Resp: 3385

Ion	Ratio	Lower	Upper
180	100		
182	90.5	75.6	113.4
145	36.6	23.9	35.9#

