

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010622\
 Data File : VW024288.D
 Acq On : 06 Jan 2022 11:52
 Operator : SY/MD
 Sample : N1025-07DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLH1DL

Quant Time: Jan 07 01:37:10 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)

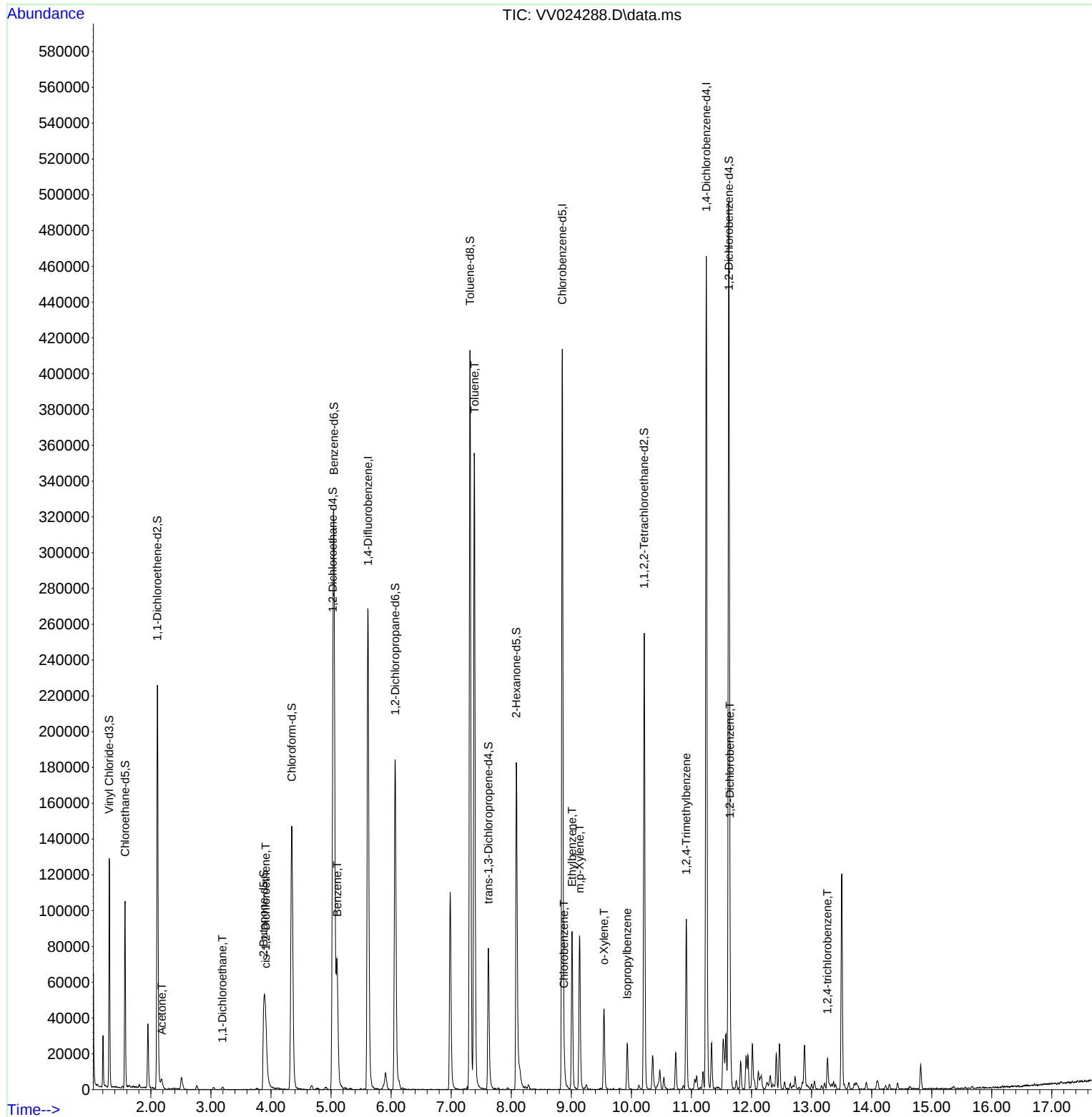
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	241295	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	229511	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	124697	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	76561	44.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.180%
7) Chloroethane-d5	1.571	69	60276	45.691	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.380%
11) 1,1-Dichloroethene-d2	2.108	63	113323	34.916	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.840%
21) 2-Butanone-d5	3.879	46	83265	86.060	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.060%
24) Chloroform-d	4.346	84	147293	46.408	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.820%
26) 1,2-Dichloroethane-d4	5.031	65	101656	47.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.680%
32) Benzene-d6	5.047	84	278322	46.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.940%
36) 1,2-Dichloropropane-d6	6.066	67	80899	48.197	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.400%
41) Toluene-d8	7.313	98	270666	46.675	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.360%
43) trans-1,3-Dichloroprop...	7.619	79	44932	46.488	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.980%
47) 2-Hexanone-d5	8.085	63	60529	83.002	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.000%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	105776	44.097	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	125173	50.361	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.720%
Target Compounds						Qvalue
13) Acetone	2.182	43	7659	8.018	ug/L	87
19) 1,1-Dichloroethane	3.191	63	1858	0.740	ug/L #	80
20) cis-1,2-Dichloroethene	3.912	96	12892	7.970	ug/L	88
33) Benzene	5.101	78	75012	12.854	ug/L	100
42) Toluene	7.387	91	258645	39.482	ug/L	99
51) Chlorobenzene	8.879	112	5831	1.322	ug/L	94
52) Ethylbenzene	9.011	91	59957	8.567	ug/L	99
53) m,p-Xylene	9.140	106	25190	8.980	ug/L	93
54) o-Xylene	9.545	106	12706	4.745	ug/L	90
60) Isopropylbenzene	9.931	105	16799	2.435	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	51232	8.646	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	7449	2.032	ug/L #	85
70) 1,2,4-trichlorobenzene	13.265	180	3313	1.416	ug/L #	94

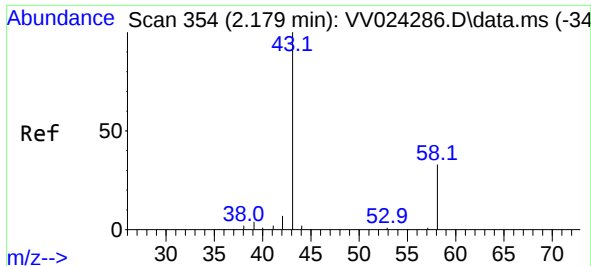
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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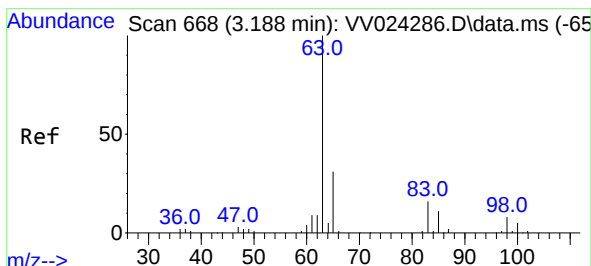
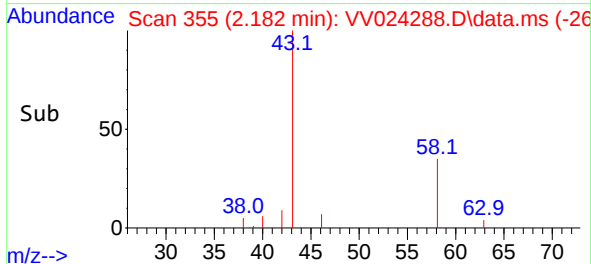
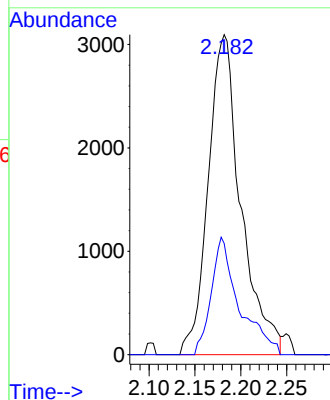
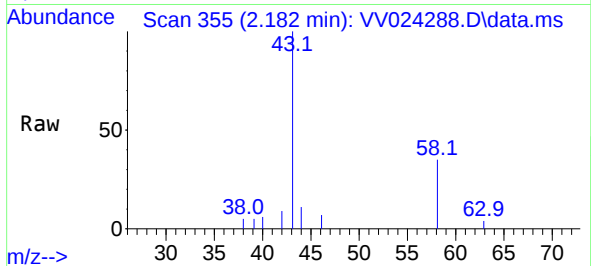




#13
Acetone
Concen: 8.018 ug/L
RT: 2.182 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV024288.D
Acq: 06 Jan 2022 11:52

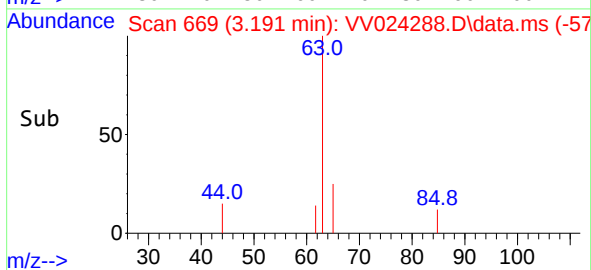
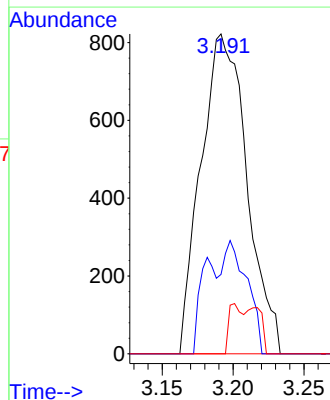
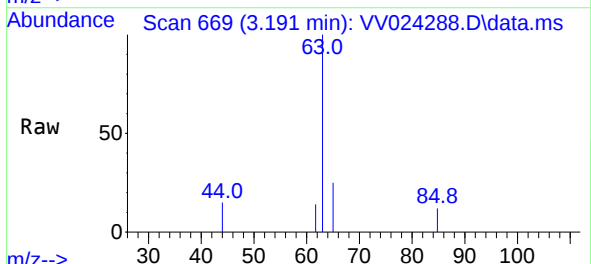
Instrument :
MSVOA_V
ClientSampleId :
BGLH1DL

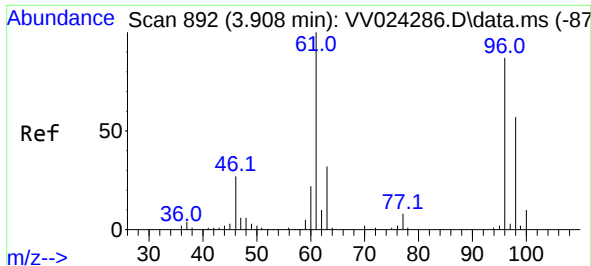
Tgt Ion: 43 Resp: 7659
Ion Ratio Lower Upper
43 100
58 24.4 0.0 63.0



#19
1,1-Dichloroethane
Concen: 0.740 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV024288.D
Acq: 06 Jan 2022 11:52

Tgt Ion: 63 Resp: 1858
Ion Ratio Lower Upper
63 100
65 24.8 22.4 41.6
83 0.0 10.6 19.6#

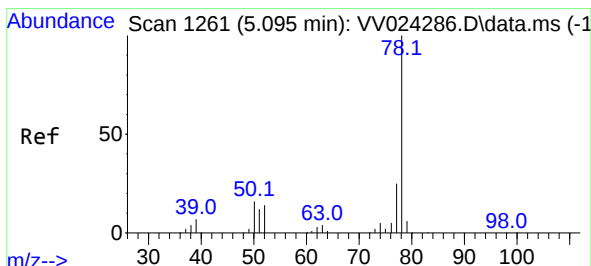
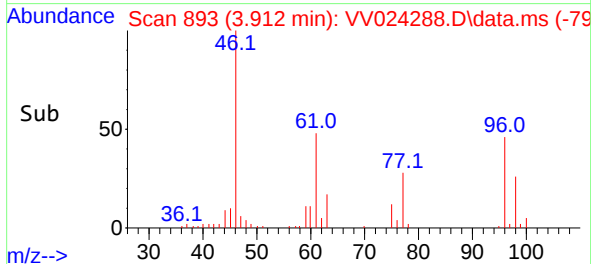
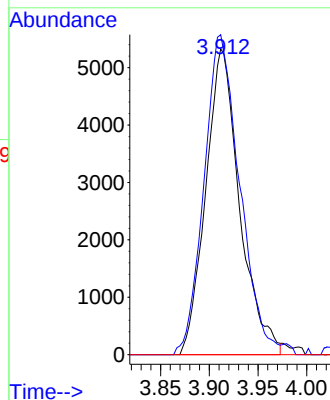
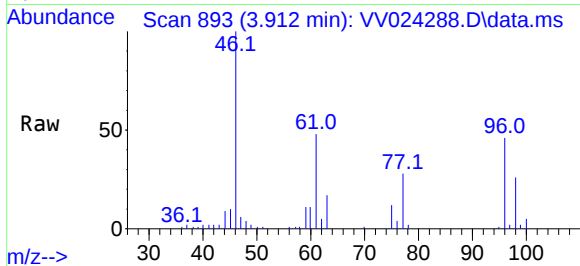




#20
 cis-1,2-Dichloroethene
 Concen: 7.970 ug/L
 RT: 3.912 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV024288.D
 Acq: 06 Jan 2022 11:52

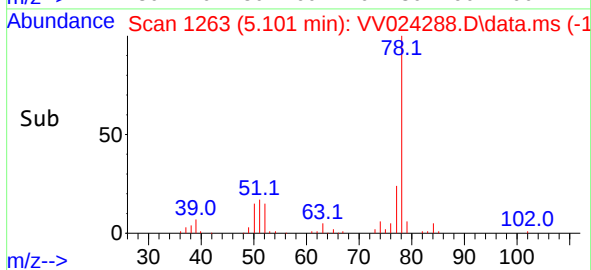
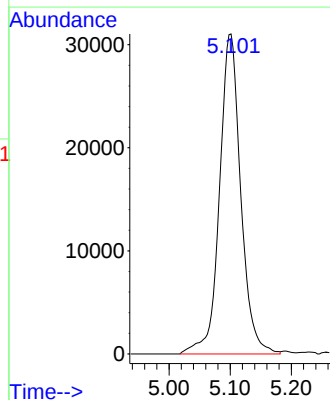
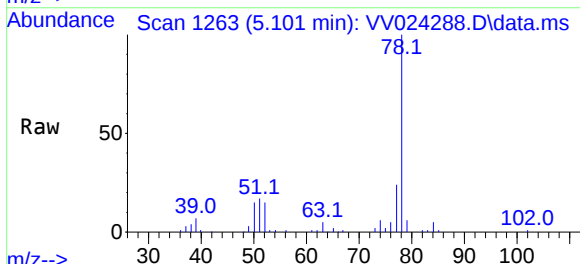
Instrument :
 MSVOA_V
 ClientSampleId :
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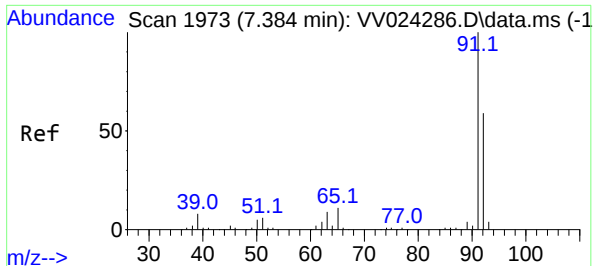
Tgt Ion: 96 Resp: 12892
 Ion Ratio Lower Upper
 96 100
 61 104.6 82.9 153.9
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 12.854 ug/L
 RT: 5.101 min Scan# 1263
 Delta R.T. 0.006 min
 Lab File: VV024288.D
 Acq: 06 Jan 2022 11:52

Tgt Ion: 78 Resp: 75012

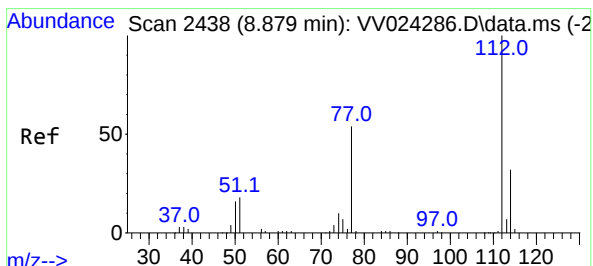
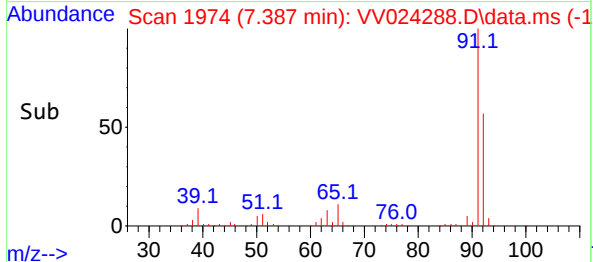
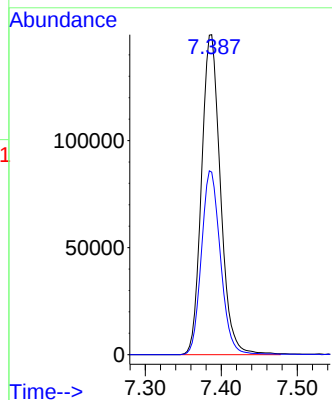
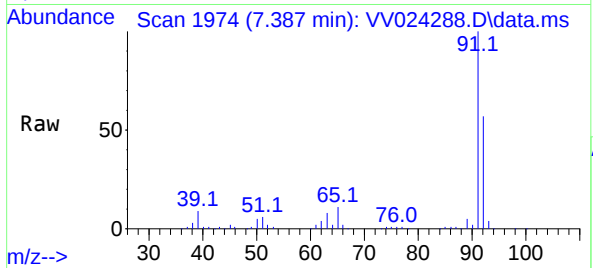




#42
Toluene
Concen: 39.482 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV024288.D
Acq: 06 Jan 2022 11:52

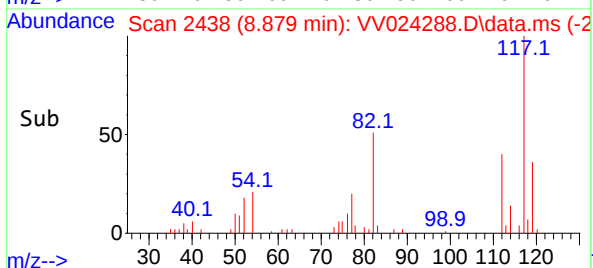
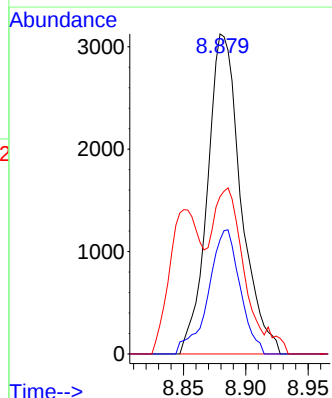
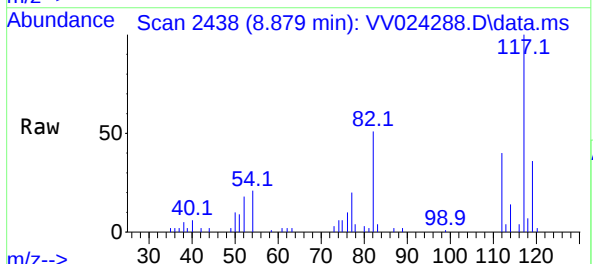
Instrument :
MSVOA_V
ClientSampleId :
BGLH1DL

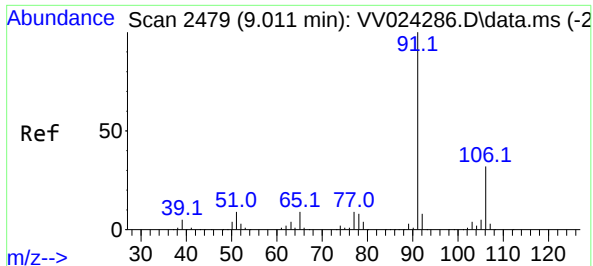
Tgt Ion: 91 Resp: 258645
Ion Ratio Lower Upper
91 100
92 57.0 40.4 75.0



#51
Chlorobenzene
Concen: 1.322 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV024288.D
Acq: 06 Jan 2022 11:52

Tgt Ion: 112 Resp: 5831
Ion Ratio Lower Upper
112 100
114 35.6 22.3 41.5
77 49.2 42.8 64.2

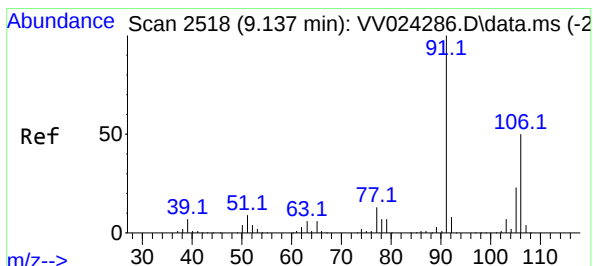
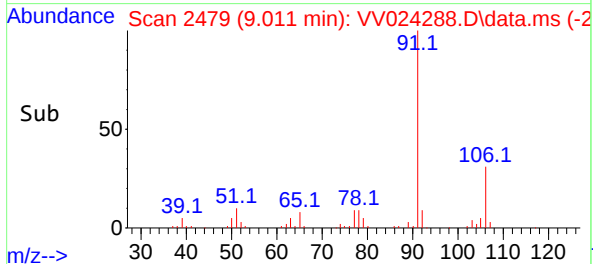
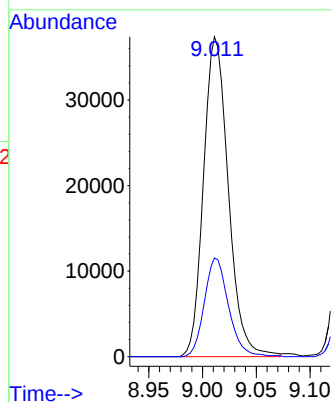
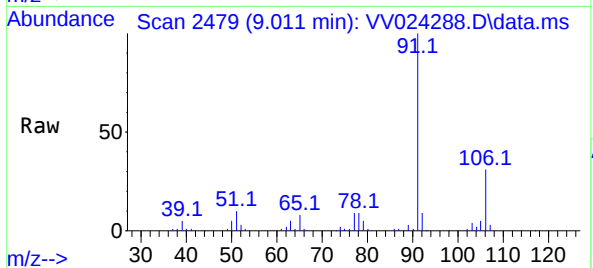




#52
Ethylbenzene
Concen: 8.567 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024288.D
Acq: 06 Jan 2022 11:52

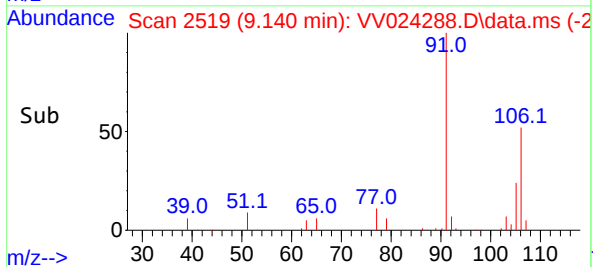
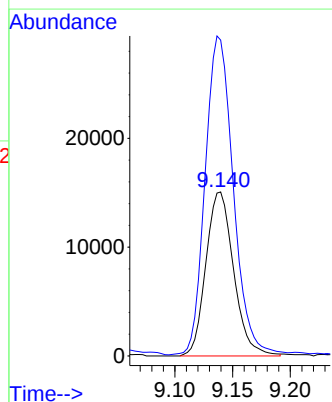
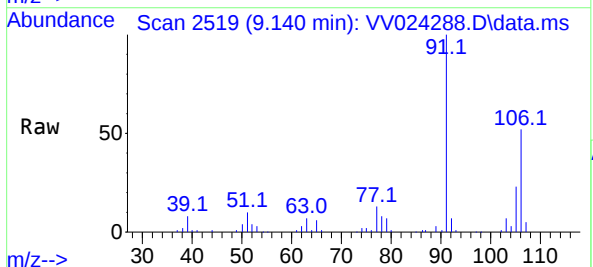
Instrument :
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ClientSampleId :
BGLH1DL

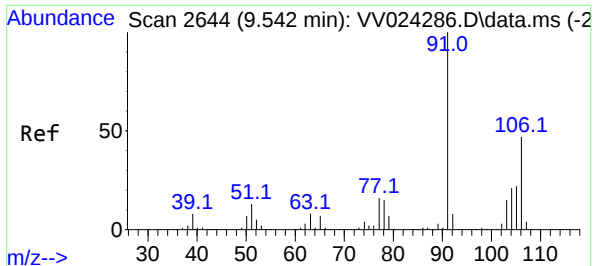
Tgt Ion: 91 Resp: 59957
Ion Ratio Lower Upper
91 100
106 30.9 22.0 41.0



#53
m,p-Xylene
Concen: 8.980 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV024288.D
Acq: 06 Jan 2022 11:52

Tgt Ion: 106 Resp: 25190
Ion Ratio Lower Upper
106 100
91 192.7 141.8 263.4

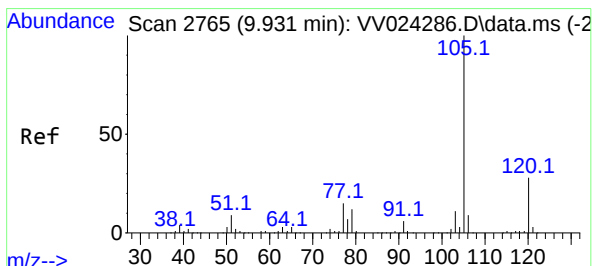
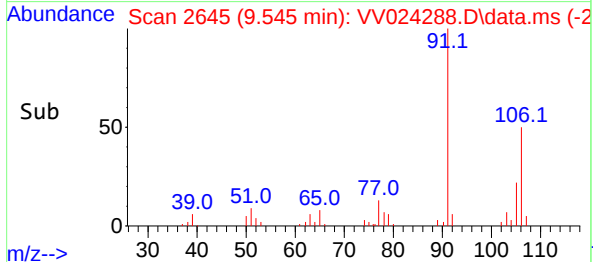
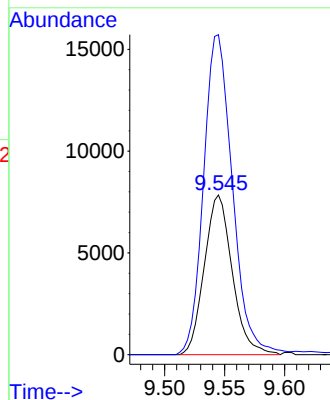
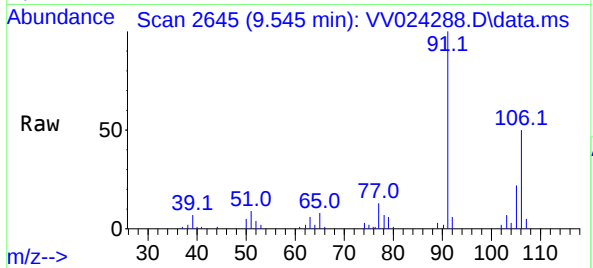




#54
o-Xylene
Concen: 4.745 ug/L
RT: 9.545 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024288.D
Acq: 06 Jan 2022 11:52

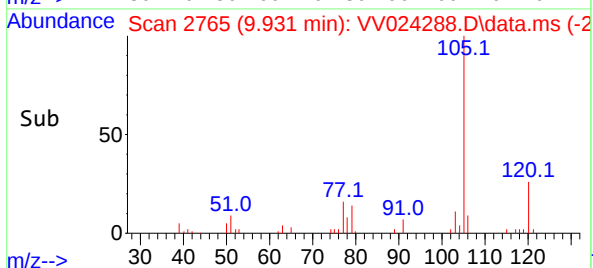
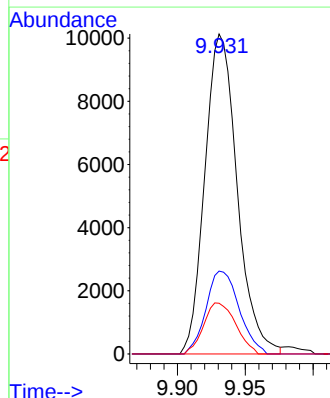
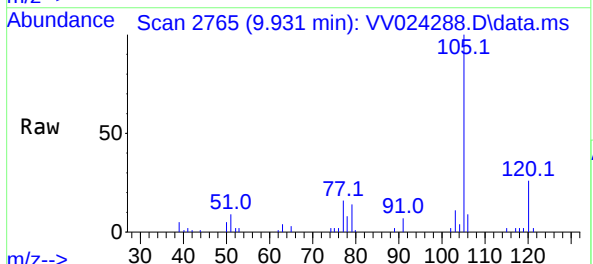
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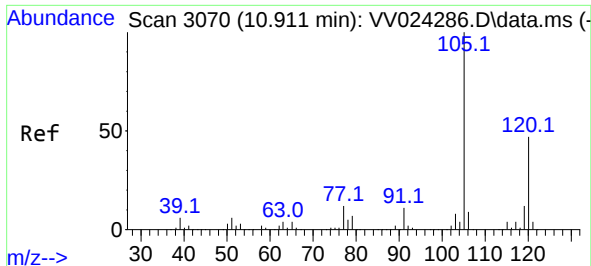
Tgt Ion:106 Resp: 12706
Ion Ratio Lower Upper
106 100
91 200.4 150.9 280.3



#60
Isopropylbenzene
Concen: 2.435 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024288.D
Acq: 06 Jan 2022 11:52

Tgt Ion:105 Resp: 16799
Ion Ratio Lower Upper
105 100
120 26.5 21.9 32.9
77 15.8 11.9 17.9

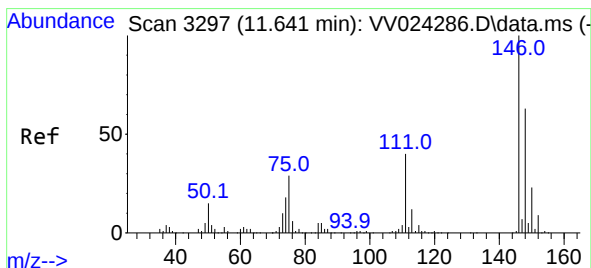
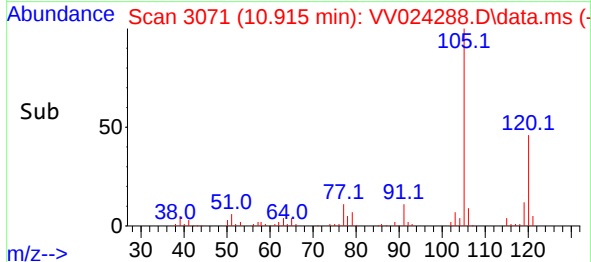
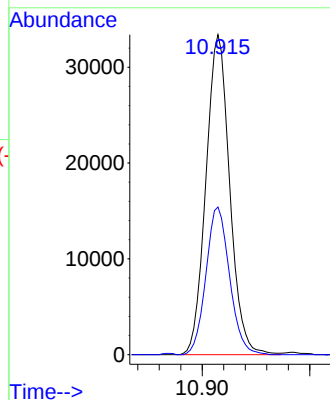
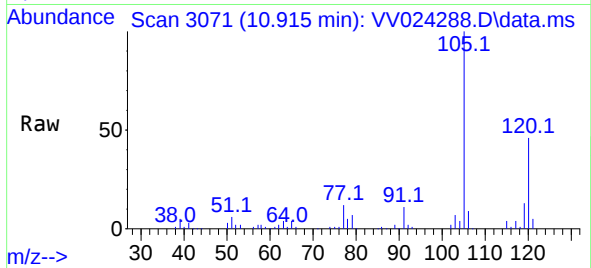




#63
1,2,4-Trimethylbenzene
Concen: 8.646 ug/L
RT: 10.915 min Scan# 3070
Delta R.T. 0.003 min
Lab File: VV024288.D
Acq: 06 Jan 2022 11:52

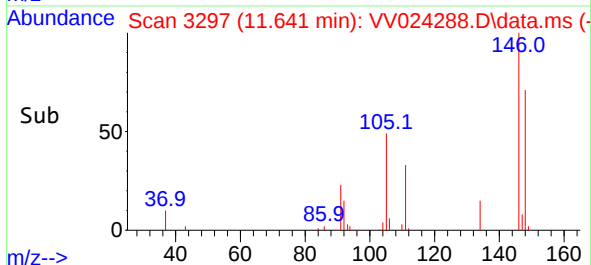
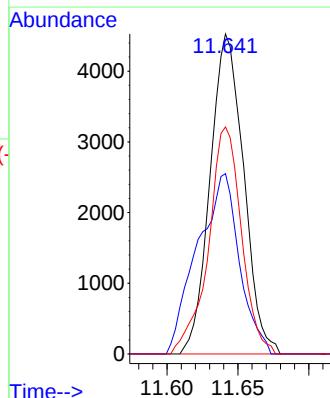
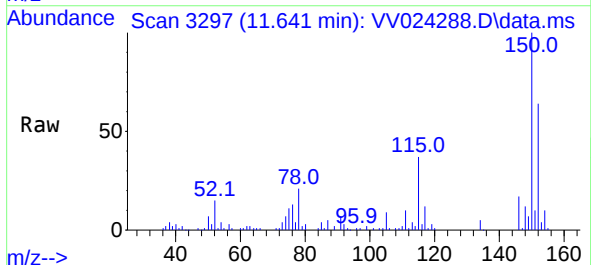
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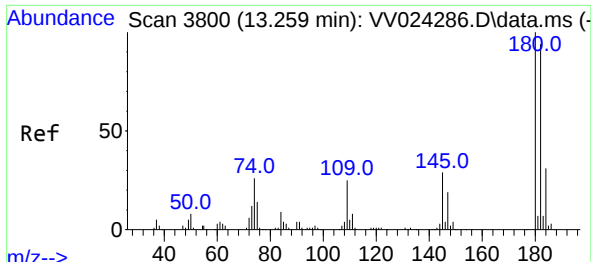
Tgt Ion:105 Resp: 51232
Ion Ratio Lower Upper
105 100
120 45.8 36.6 55.0



#67
1,2-Dichlorobenzene
Concen: 2.032 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024288.D
Acq: 06 Jan 2022 11:52

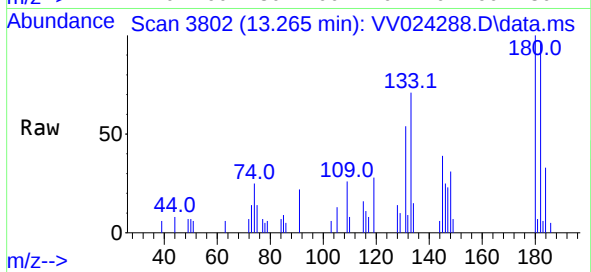
Tgt Ion:146 Resp: 7449
Ion Ratio Lower Upper
146 100
111 56.3 32.0 48.0#
148 71.0 51.6 77.4





#70
 1,2,4-trichlorobenzene
 Concen: 1.416 ug/L
 RT: 13.265 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VV024288.D
 Acq: 06 Jan 2022 11:52

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:180 Resp: 3313
 Ion Ratio Lower Upper
 180 100
 182 96.9 75.6 113.4
 145 39.8 23.9 35.9#

