

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024021.D
 Acq On : 16 Dec 2021 18:26
 Operator : SY/MD
 Sample : M5113-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBLV3

Quant Time: Dec 17 02:02:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	95016	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	99512	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55229	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23736	4.647	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.564	69	19673	4.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.105	63	35764	3.587	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	3.899	46	53019	53.128	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.260%
24) Chloroform-d	4.349	84	52535	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.034	65	25365	4.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.050	84	98329	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.069	67	29265	4.921	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.317	98	90049	5.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	7.625	79	10612	4.302	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.088	63	42759	38.719	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	20498	4.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	37138	5.034	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	764	0.092	ug/L	91
5) Vinyl chloride	1.307	62	838	0.109	ug/L #	41
13) Acetone	2.185	43	11483	14.383	ug/L	86
22) cis-1,2-Dichloroethene	3.908	96	2132	0.285	ug/L	80
33) Benzene	5.101	78	73236	2.601	ug/L	100
42) Toluene	7.390	91	3634	0.115	ug/L	98
51) Chlorobenzene	8.882	112	54566	2.577	ug/L	96
52) Ethylbenzene	9.021	91	3806	0.114	ug/L	95
53) m,p-xylene	9.143	106	3786	0.286	ug/L	87
54) o-xylene	9.548	106	3099	0.242	ug/L	92
60) Isopropylbenzene	9.934	105	16829	0.519	ug/L	97
62) 1,3,5-Trimethylbenzene	10.541	105	1701	0.063	ug/L	94
63) 1,2,4-Trimethylbenzene	10.918	105	10160	0.379	ug/L	95
64) 1,3-Dichlorobenzene	11.188	146	1342	0.081	ug/L	90
65) 1,4-Dichlorobenzene	11.278	146	3072	0.184	ug/L	88
67) 1,2-Dichlorobenzene	11.644	146	8925	0.587	ug/L	97

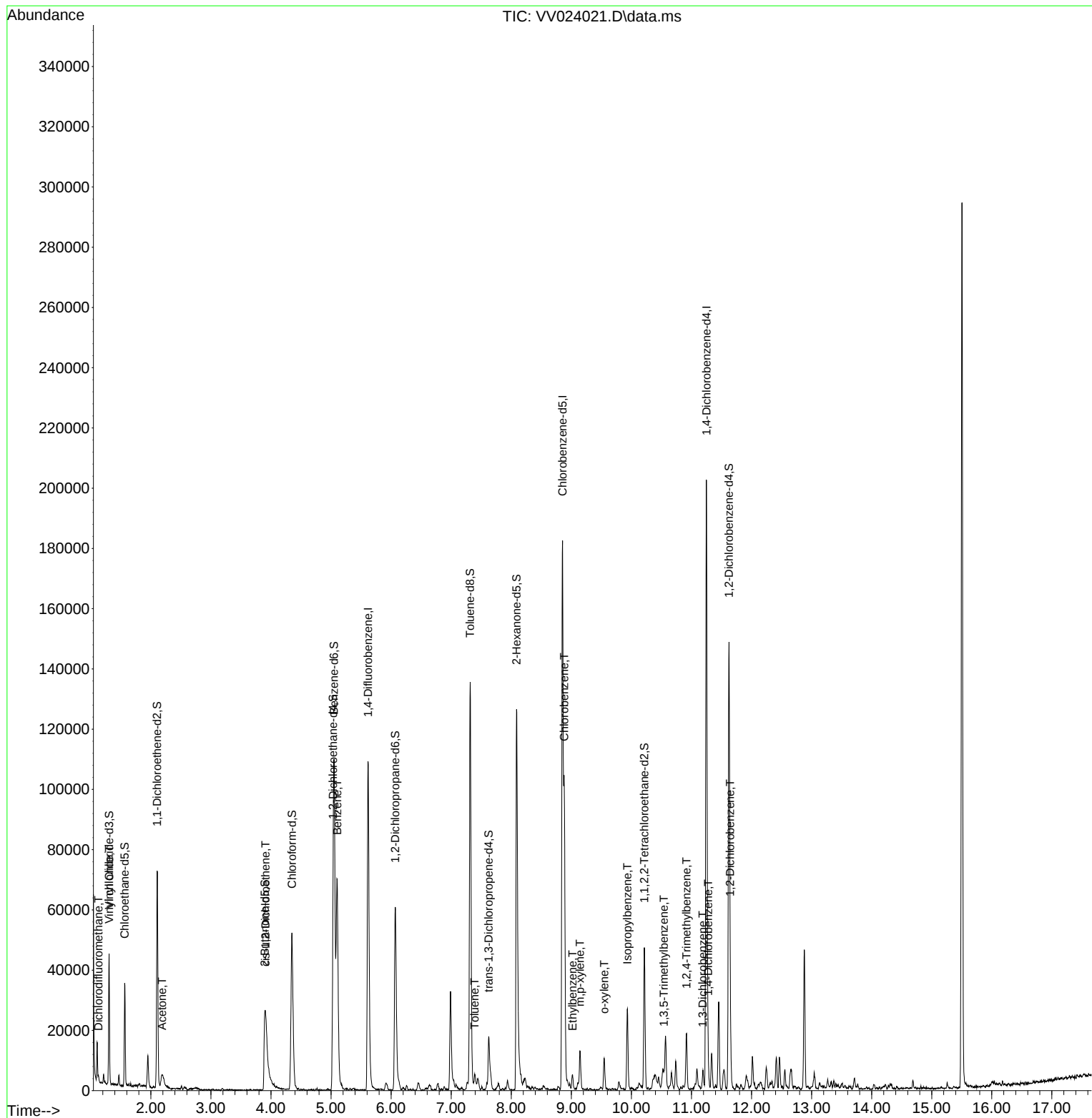
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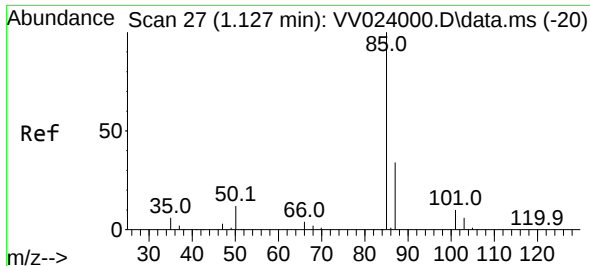
Instrument :
MSVOA_V
ClientSampleId :
DBLV3

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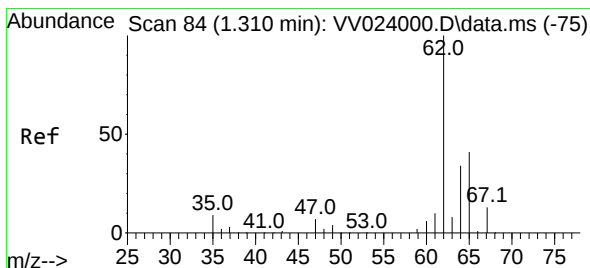
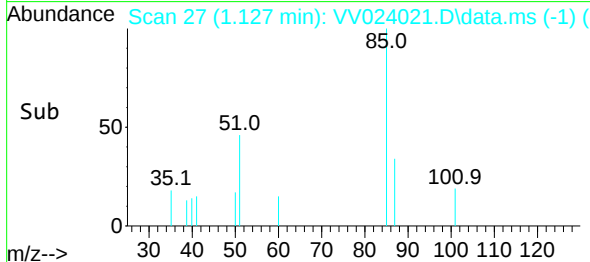
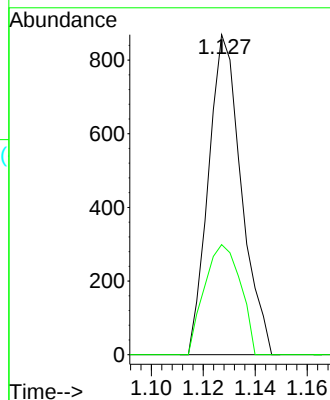
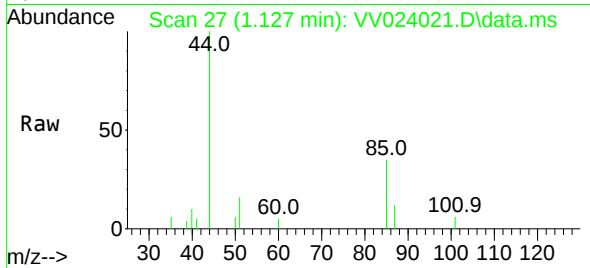




#2
 Dichlorodifluoromethane
 Concen: 0.092 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024021.D
 Acq: 16 Dec 2021 18:26

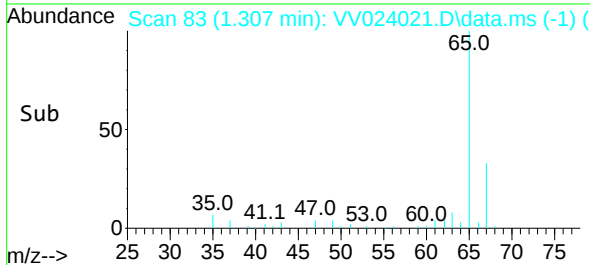
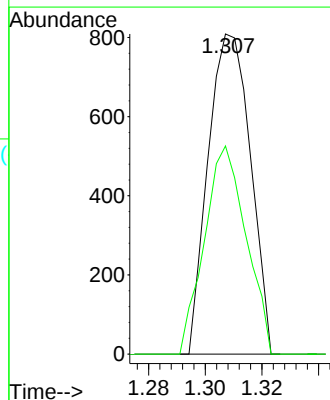
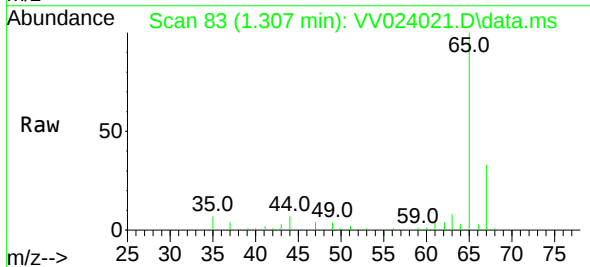
Instrument :
 MSVOA_V
 ClientSampleId :
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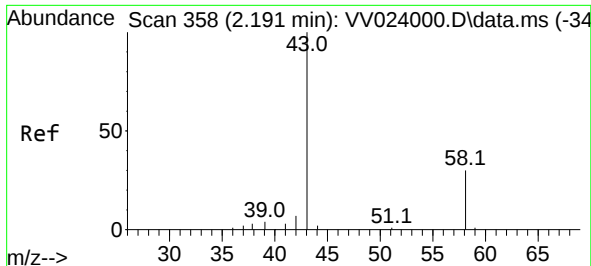
Tgt Ion: 85 Resp: 764
 Ion Ratio Lower Upper
 85 100
 87 37.7 26.0 39.0



#5
 Vinyl chloride
 Concen: 0.109 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV024021.D
 Acq: 16 Dec 2021 18:26

Tgt Ion: 62 Resp: 838
 Ion Ratio Lower Upper
 62 100
 64 65.0 22.4 41.6#





#13

Acetone

Concen: 14.383 ug/L

RT: 2.185 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV024021.D

Acq: 16 Dec 2021 18:26

Instrument :

MSVOA_V

ClientSampleId :

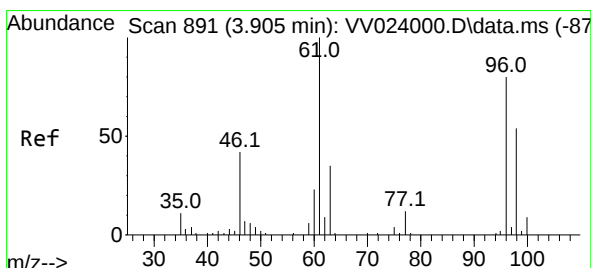
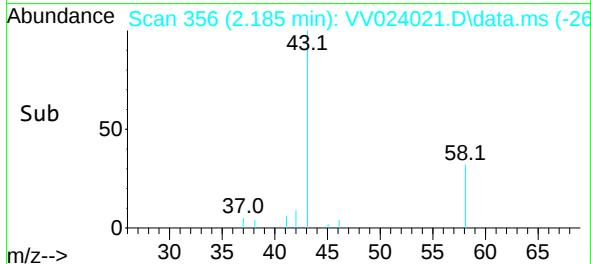
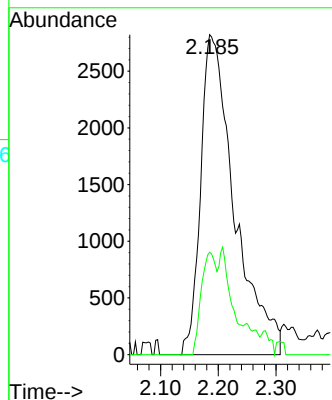
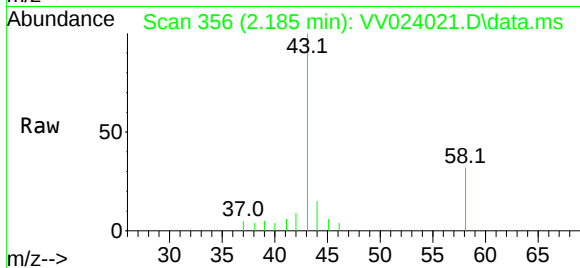
DBLV3

Tgt Ion: 43 Resp: 11483

Ion Ratio Lower Upper

43 100

58 14.1 0.0 41.4



#22

cis-1,2-Dichloroethene

Concen: 0.285 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.003 min

Lab File: VV024021.D

Acq: 16 Dec 2021 18:26

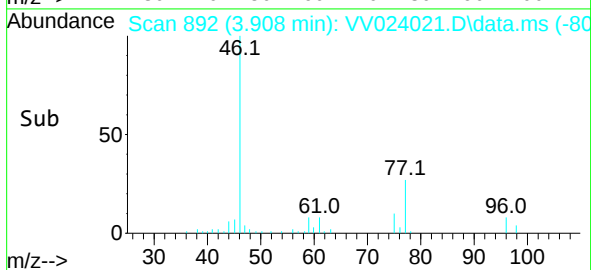
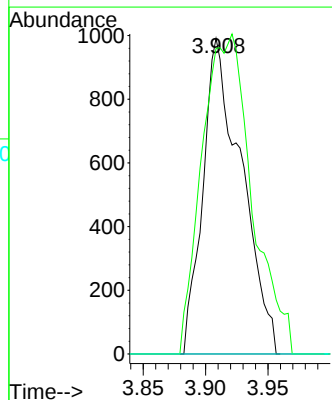
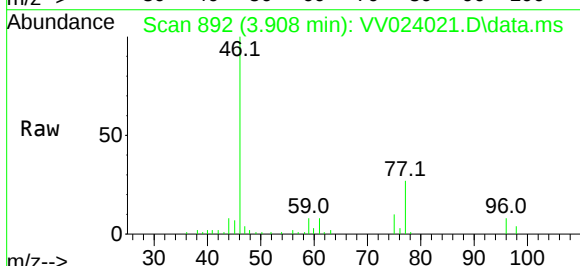
Tgt Ion: 96 Resp: 2132

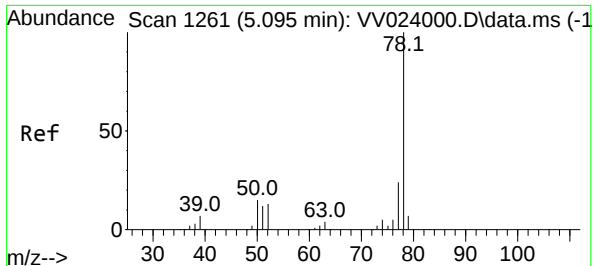
Ion Ratio Lower Upper

96 100

61 96.9 83.4 154.8

68 0.0 0.0 0.0

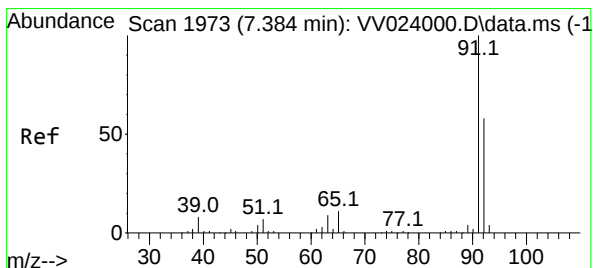
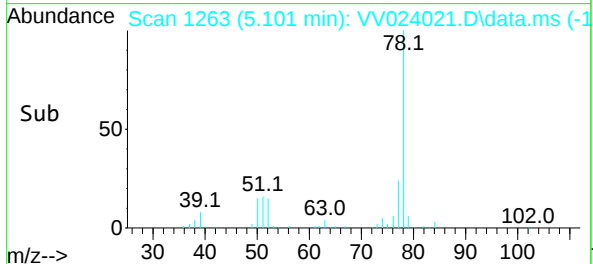
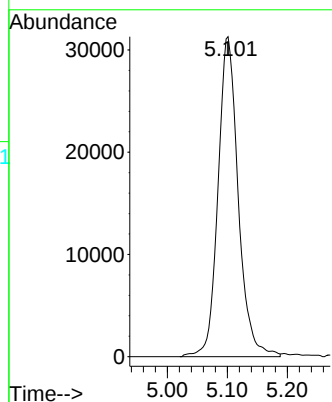
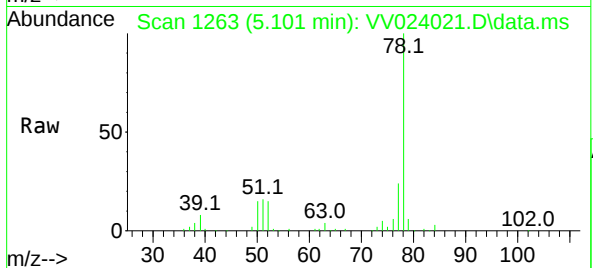




#33
Benzene
Concen: 2.601 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024021.D
Acq: 16 Dec 2021 18:26

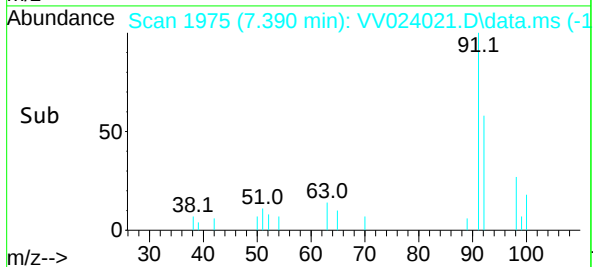
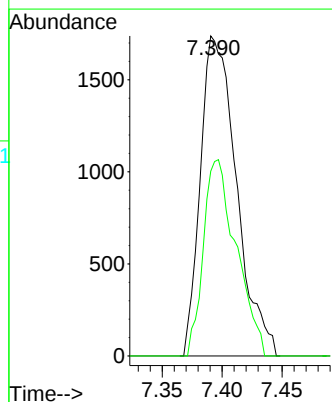
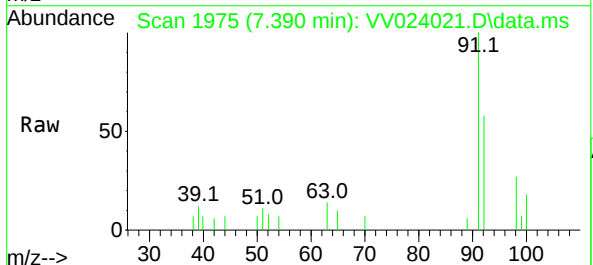
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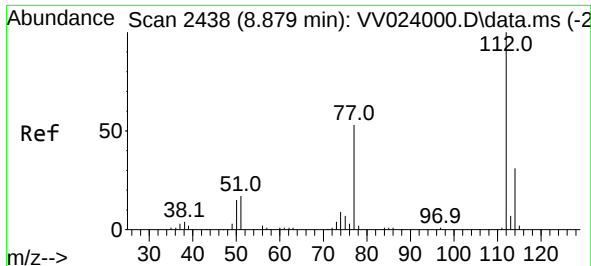
Tgt Ion: 78 Resp: 73236



#42
Toluene
Concen: 0.115 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. 0.006 min
Lab File: VV024021.D
Acq: 16 Dec 2021 18:26

Tgt Ion: 91 Resp: 3634
Ion Ratio Lower Upper
91 100
92 57.8 41.5 77.1

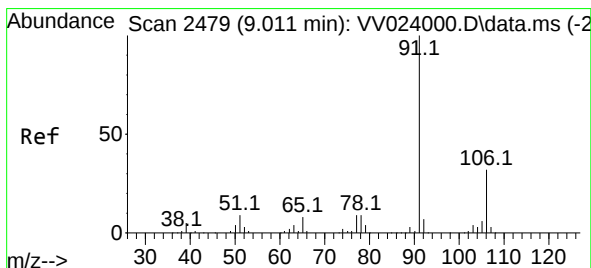
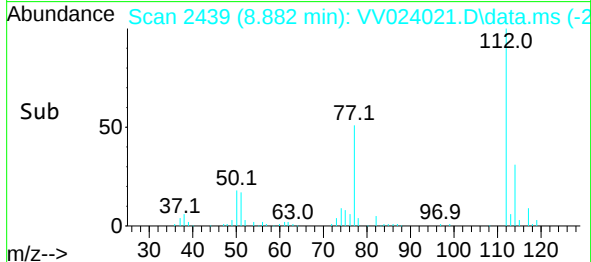
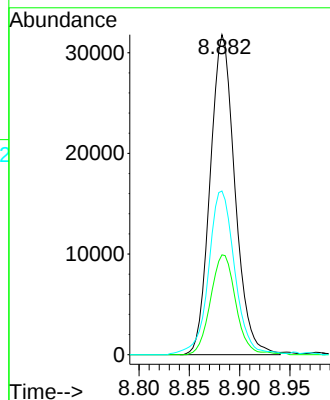
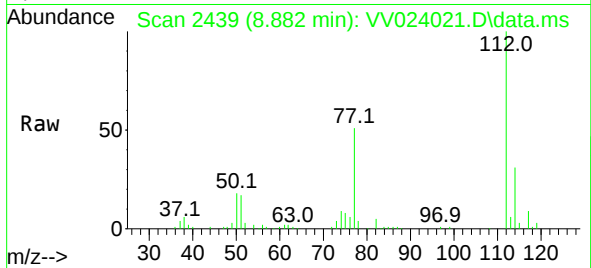




#51
Chlorobenzene
Concen: 2.577 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV024021.D
Acq: 16 Dec 2021 18:26

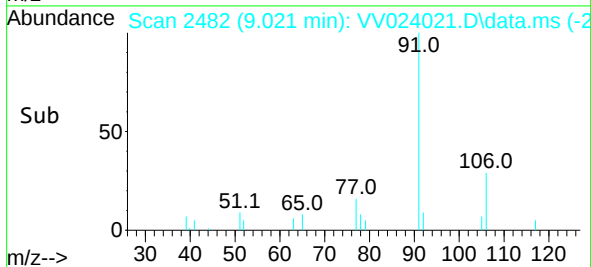
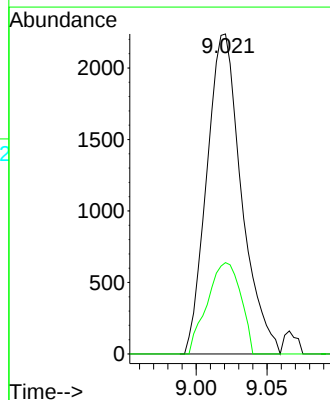
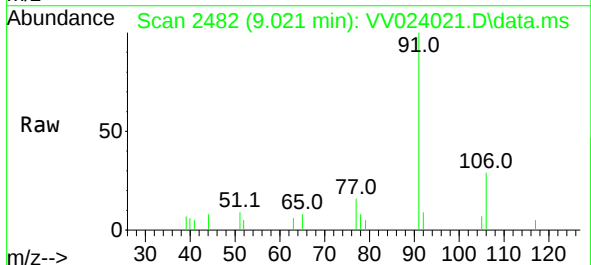
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ClientSampleId :
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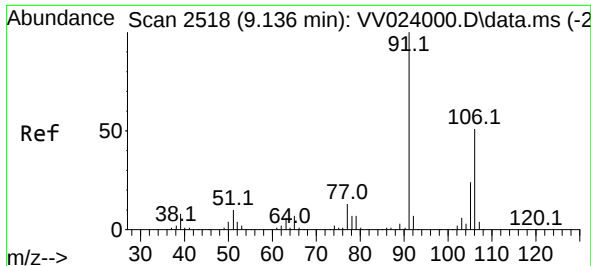
Tgt Ion:112 Resp: 54566
Ion Ratio Lower Upper
112 100
114 31.2 23.3 43.3
77 51.2 43.3 64.9



#52
Ethylbenzene
Concen: 0.114 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.010 min
Lab File: VV024021.D
Acq: 16 Dec 2021 18:26

Tgt Ion: 91 Resp: 3806
Ion Ratio Lower Upper
91 100
106 28.6 22.0 41.0

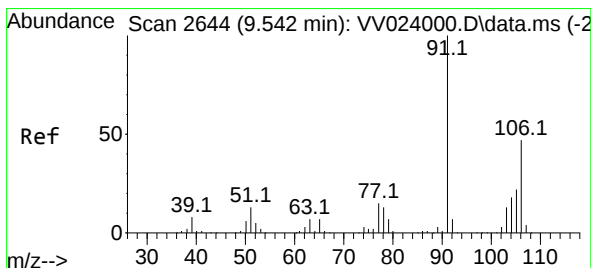
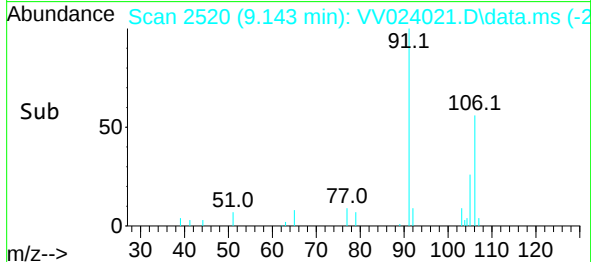
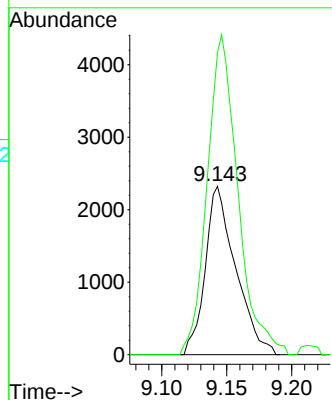
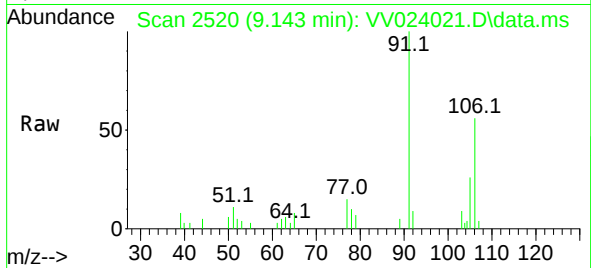




#53
m,p-xylene
Concen: 0.286 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV024021.D
Acq: 16 Dec 2021 18:26

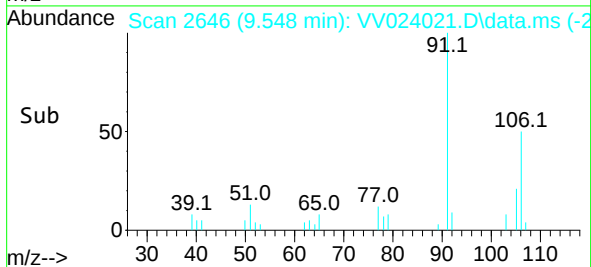
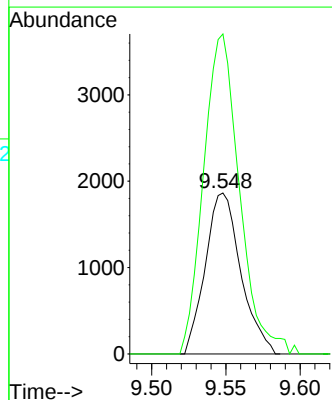
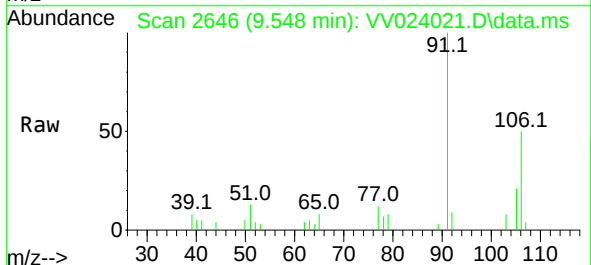
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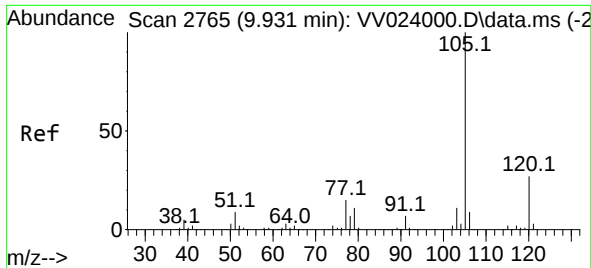
Tgt Ion:106 Resp: 3786
Ion Ratio Lower Upper
106 100
91 179.2 139.5 259.1



#54
o-xylene
Concen: 0.242 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV024021.D
Acq: 16 Dec 2021 18:26

Tgt Ion:106 Resp: 3099
Ion Ratio Lower Upper
106 100
91 198.9 147.9 274.7

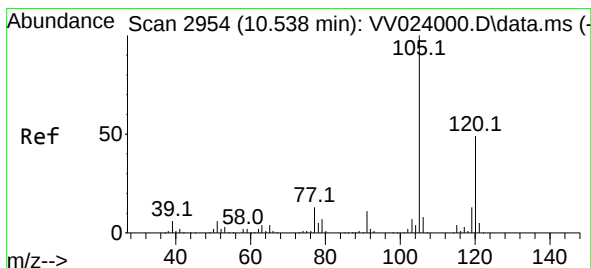
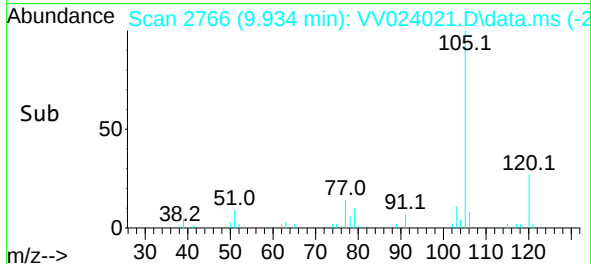
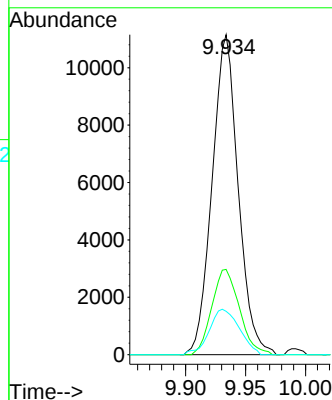
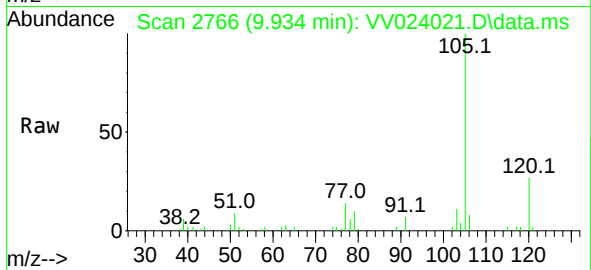




#60
Isopropylbenzene
Concen: 0.519 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024021.D
Acq: 16 Dec 2021 18:26

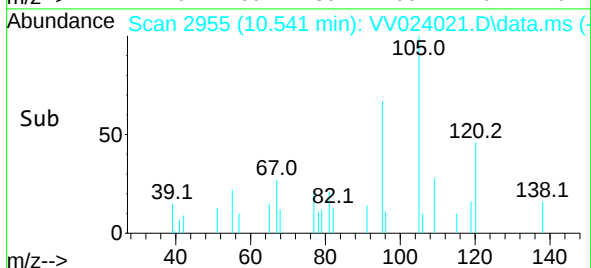
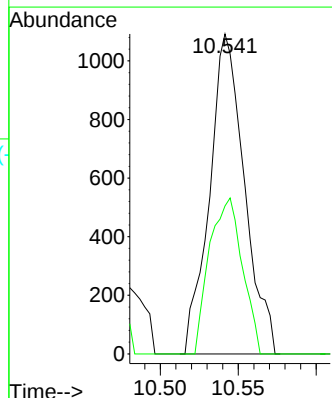
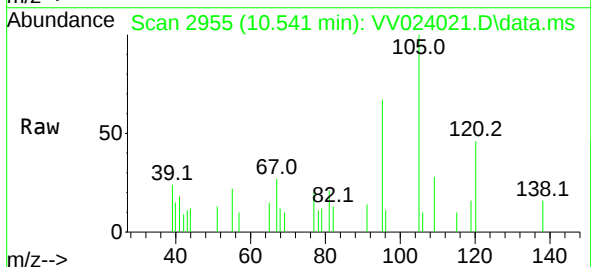
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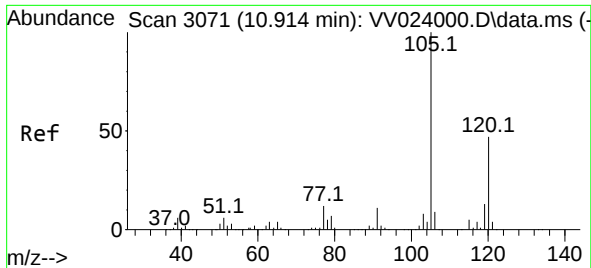
Tgt Ion:105 Resp: 16829
Ion Ratio Lower Upper
105 100
120 28.2 21.4 32.0
77 16.4 12.2 18.4



#62
1,3,5-Trimethylbenzene
Concen: 0.063 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV024021.D
Acq: 16 Dec 2021 18:26

Tgt Ion:105 Resp: 1701
Ion Ratio Lower Upper
105 100
120 45.9 40.1 60.1

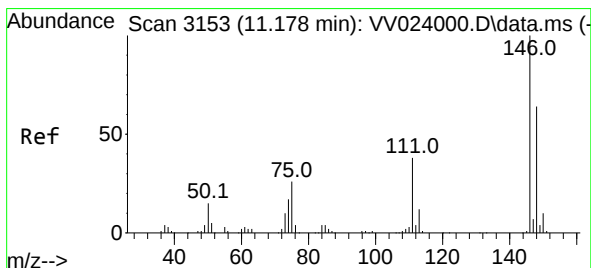
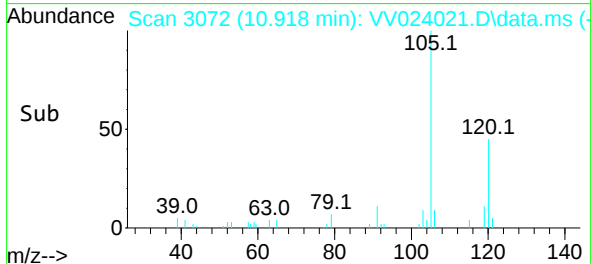
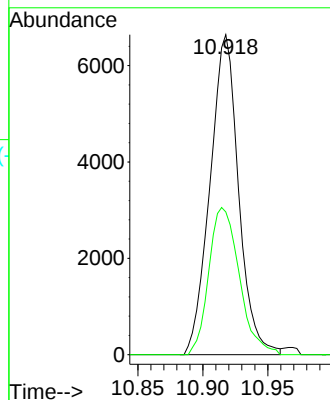
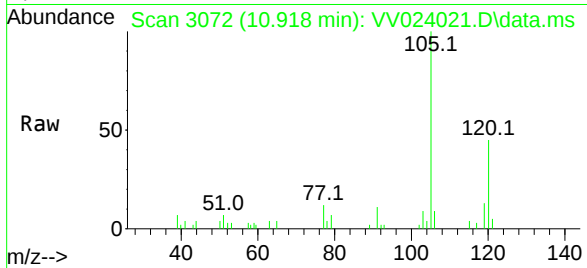




#63
1,2,4-Trimethylbenzene
Concen: 0.379 ug/L
RT: 10.918 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV024021.D
Acq: 16 Dec 2021 18:26

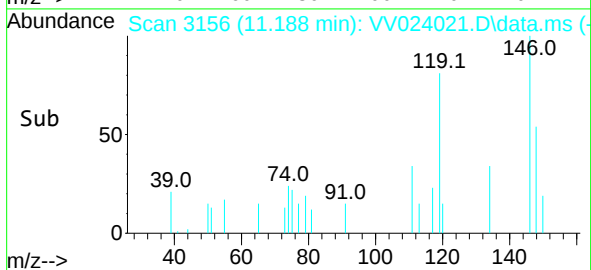
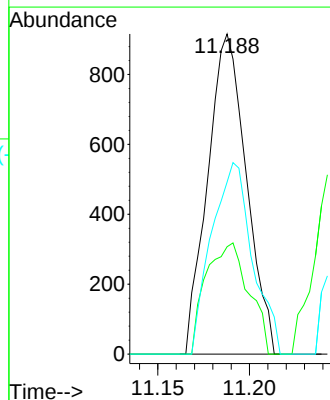
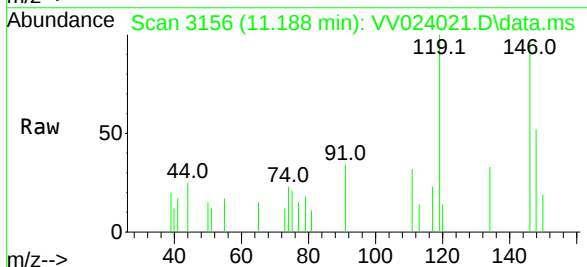
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MSVOA_V
ClientSampleId :
DBLV3

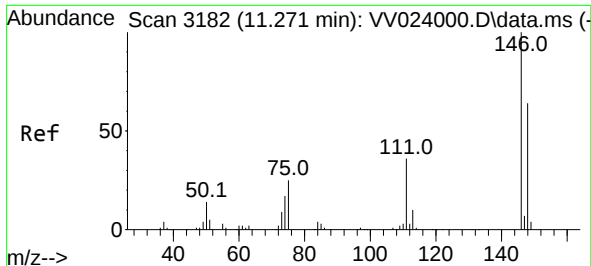
Tgt Ion:105 Resp: 10160
Ion Ratio Lower Upper
105 100
120 49.1 36.7 55.1



#64
1,3-Dichlorobenzene
Concen: 0.081 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.010 min
Lab File: VV024021.D
Acq: 16 Dec 2021 18:26

Tgt Ion:146 Resp: 1342
Ion Ratio Lower Upper
146 100
111 33.5 26.3 48.9
148 53.7 44.4 82.5

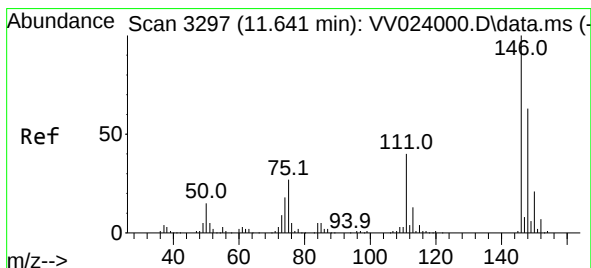
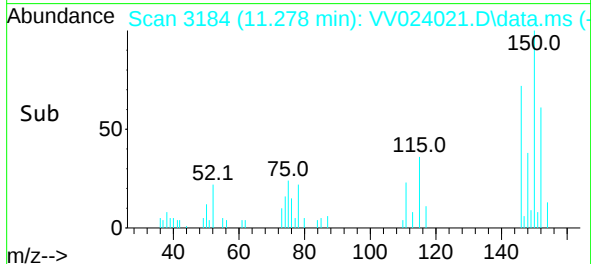
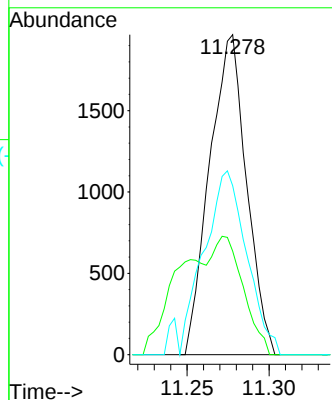
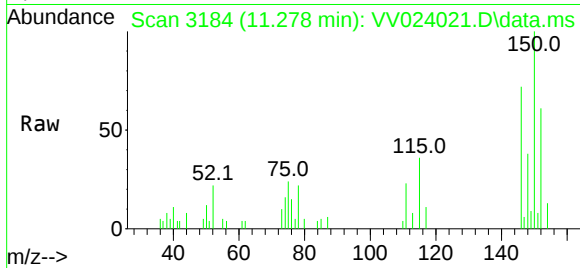




#65
1,4-Dichlorobenzene
Concen: 0.184 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.006 min
Lab File: VV024021.D
Acq: 16 Dec 2021 18:26

Instrument :
MSVOA_V
ClientSampleId :
DBLV3

Tgt Ion:146 Resp: 3072
Ion Ratio Lower Upper
146 100
111 32.3 25.6 47.6
148 52.8 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 0.587 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV024021.D
Acq: 16 Dec 2021 18:26

Tgt Ion:146 Resp: 8925
Ion Ratio Lower Upper
146 100
111 41.7 31.9 47.9
148 66.1 50.5 75.7

