

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121721\
 Data File : VW024060.D
 Acq On : 17 Dec 2021 13:29
 Operator : SY/MD
 Sample : M5113-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBLV3

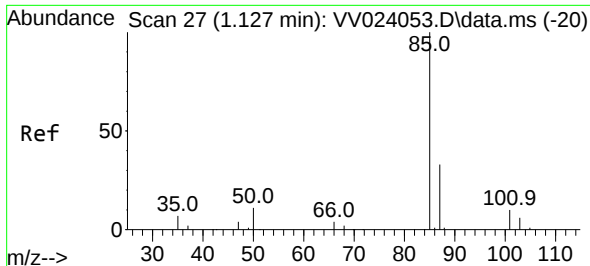
Quant Time: Dec 18 01:45:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 18 01:42:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	90165	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	96799	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50217	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	21147	4.363	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.568	69	19446	4.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.108	63	34096	3.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.899	46	44221	46.696	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.400%
24) Chloroform-d	4.349	84	50344	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.034	65	24306	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.050	84	91828	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.069	67	27321	4.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.317	98	83159	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.625	79	9965	4.153	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.091	63	34831	32.424	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	18203	3.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	33681	5.021	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	710	0.090	ug/L	91
5) Vinyl chloride	1.307	62	627	0.086	ug/L #	33
22) cis-1,2-Dichloroethene	3.921	96	1468	0.207	ug/L	91
33) Benzene	5.101	78	69995	2.556	ug/L	100
34) Trichloroethene	5.921	95	427	0.055	ug/L	91
42) Toluene	7.400	91	3504	0.114	ug/L	90
51) Chlorobenzene	8.882	112	52198	2.534	ug/L	98
52) Ethylbenzene	9.017	91	3720	0.114	ug/L	99
53) m,p-xylene	9.146	106	3445	0.268	ug/L	99
54) o-xylene	9.548	106	2878	0.231	ug/L	100
60) Isopropylbenzene	9.934	105	16251	0.551	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	1659	0.068	ug/L	89
63) 1,2,4-Trimethylbenzene	10.915	105	9997	0.410	ug/L	93
64) 1,3-Dichlorobenzene	11.188	146	1240	0.082	ug/L #	84
65) 1,4-Dichlorobenzene	11.275	146	2927	0.193	ug/L	95
67) 1,2-Dichlorobenzene	11.644	146	8147	0.590	ug/L	90

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

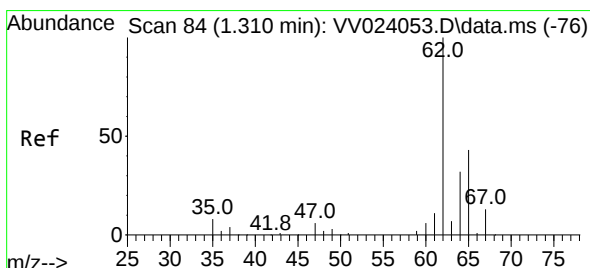
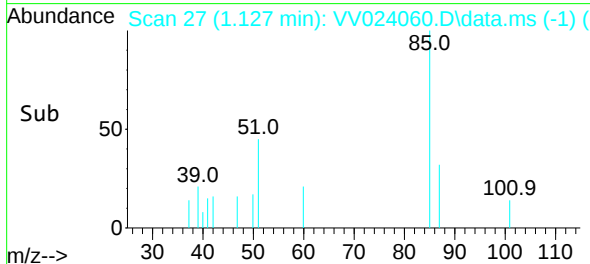
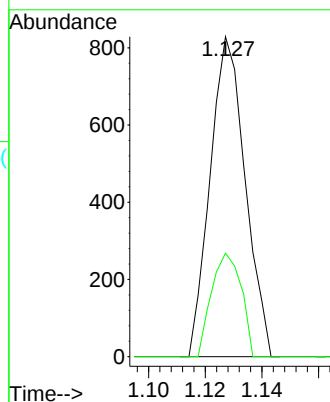
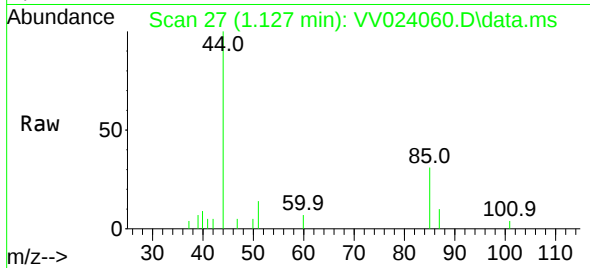
Instrument :
MSVOA_V
ClientSampleId :
DBLV3



#2
 Dichlorodifluoromethane
 Concen: 0.090 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024060.D
 Acq: 17 Dec 2021 13:29

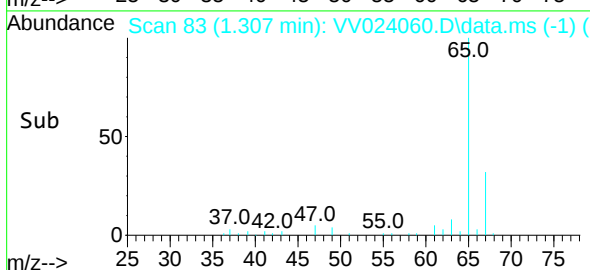
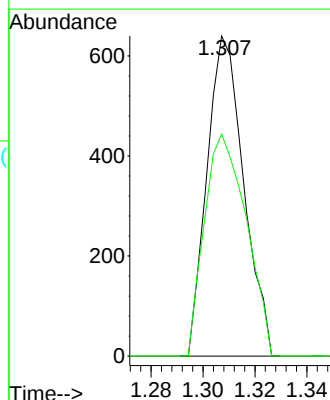
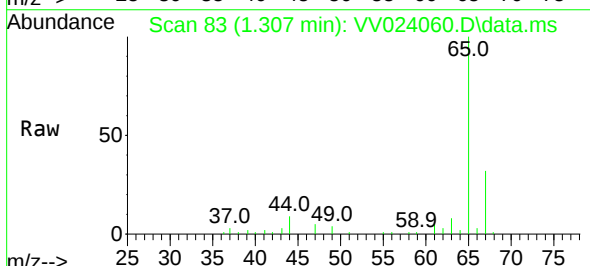
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 ClientSampleId :
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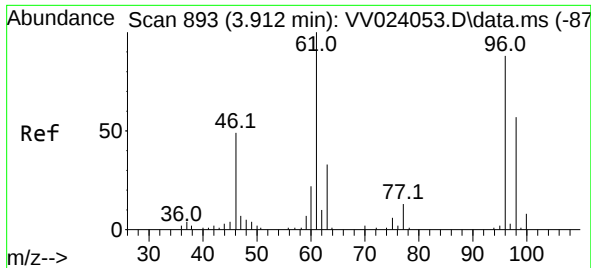
Tgt Ion: 85 Resp: 710
 Ion Ratio Lower Upper
 85 100
 87 27.3 26.0 39.0



#5
 Vinyl chloride
 Concen: 0.086 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV024060.D
 Acq: 17 Dec 2021 13:29

Tgt Ion: 62 Resp: 627
 Ion Ratio Lower Upper
 62 100
 64 69.4 22.4 41.6#

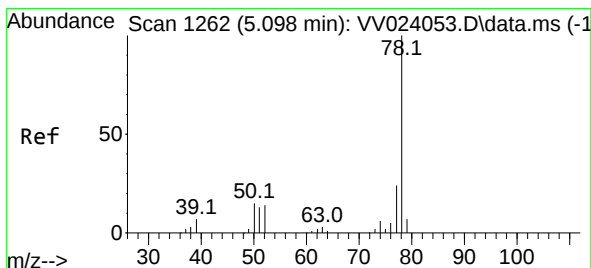
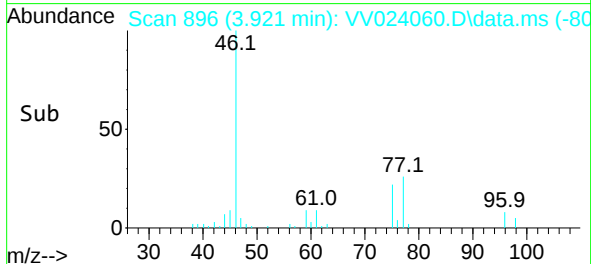
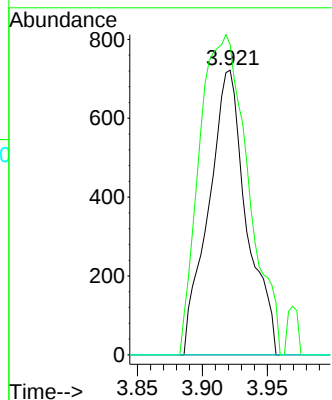
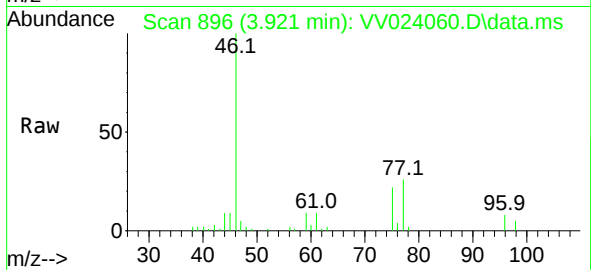




#22
 cis-1,2-Dichloroethene
 Concen: 0.207 ug/L
 RT: 3.921 min Scan# 896
 Delta R.T. 0.010 min
 Lab File: VV024060.D
 Acq: 17 Dec 2021 13:29

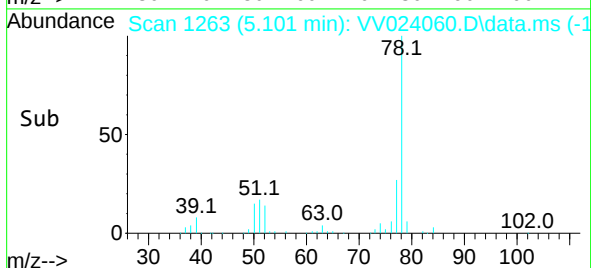
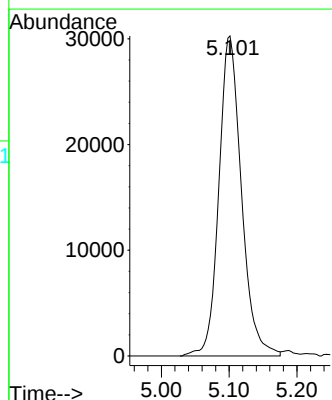
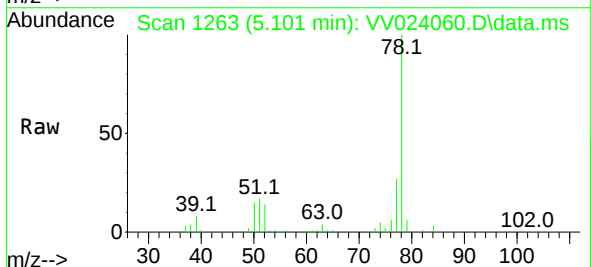
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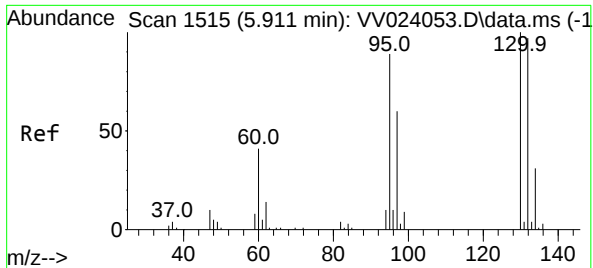
Tgt Ion: 96 Resp: 1468
 Ion Ratio Lower Upper
 96 100
 61 109.0 83.4 154.8
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 2.556 ug/L
 RT: 5.101 min Scan# 1263
 Delta R.T. 0.003 min
 Lab File: VV024060.D
 Acq: 17 Dec 2021 13:29

Tgt Ion: 78 Resp: 69995

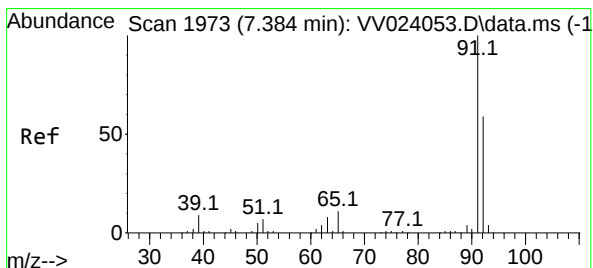
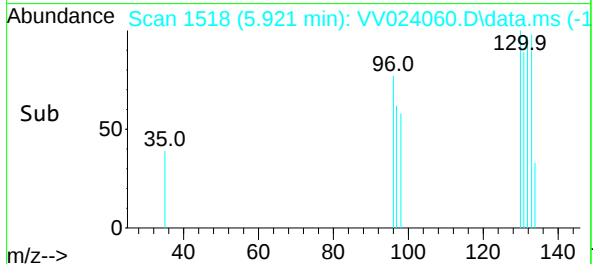
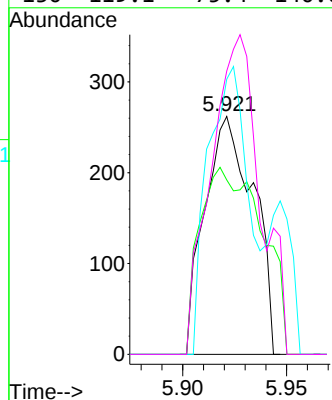
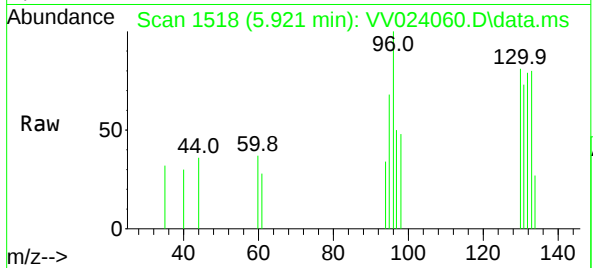




#34
Trichloroethene
Concen: 0.055 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV024060.D
Acq: 17 Dec 2021 13:29

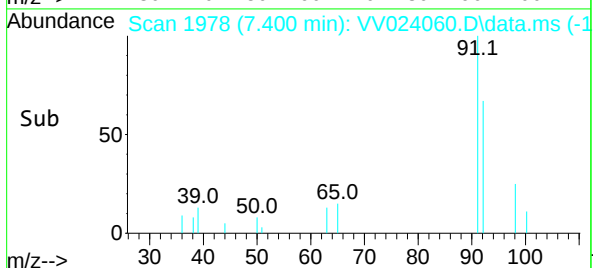
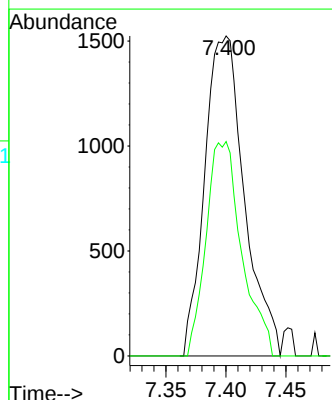
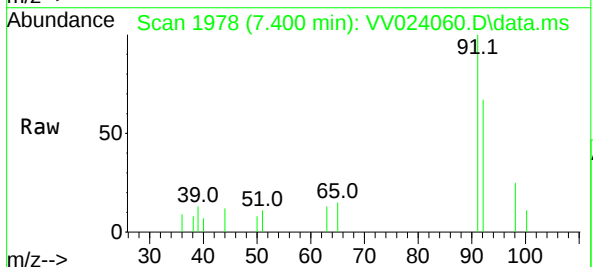
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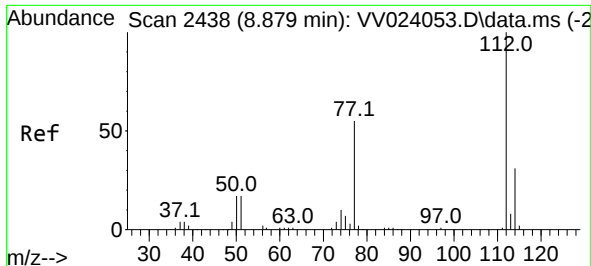
Tgt Ion: 95 Resp: 427
Ion Ratio Lower Upper
95 100
97 73.3 45.2 84.0
132 115.6 76.1 141.3
130 119.1 75.4 140.0



#42
Toluene
Concen: 0.114 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV024060.D
Acq: 17 Dec 2021 13:29

Tgt Ion: 91 Resp: 3504
Ion Ratio Lower Upper
91 100
92 67.0 41.5 77.1

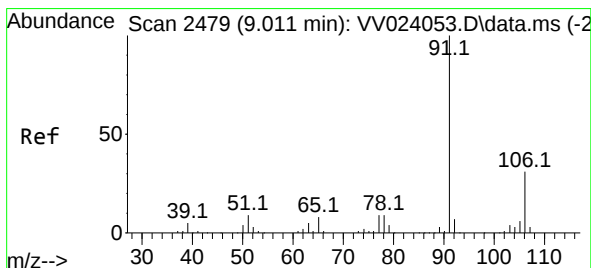
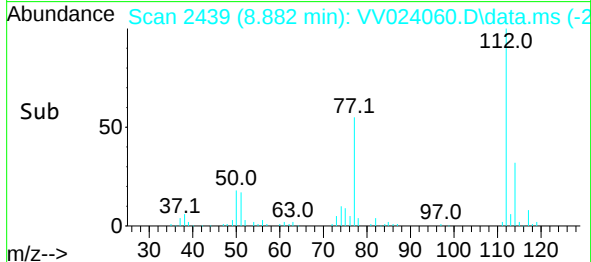
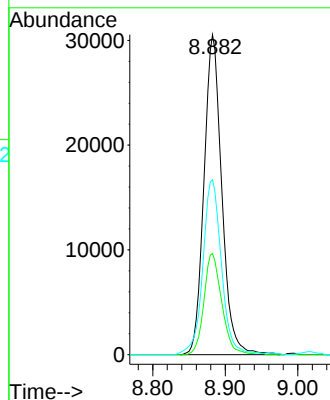
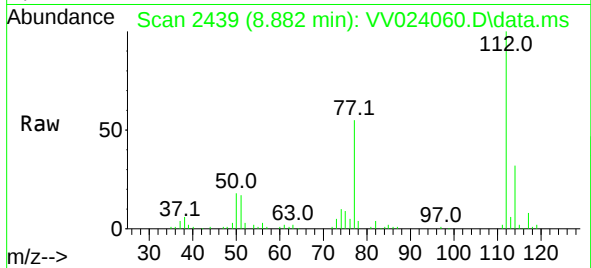




#51
Chlorobenzene
Concen: 2.534 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV024060.D
Acq: 17 Dec 2021 13:29

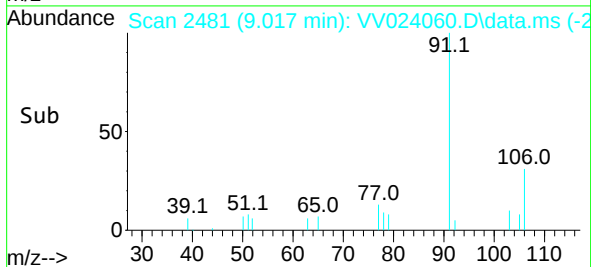
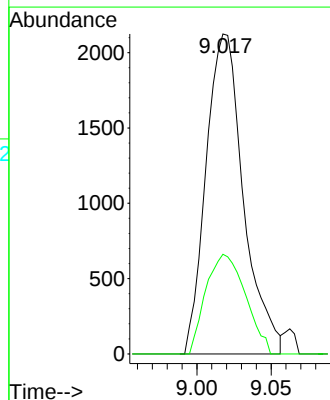
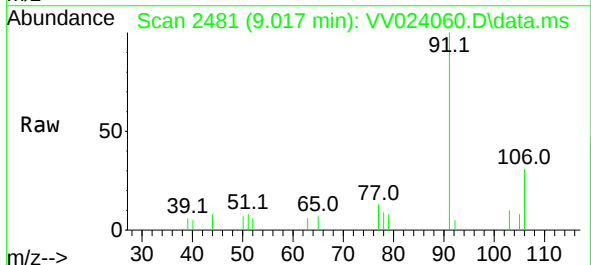
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ClientSampleId :
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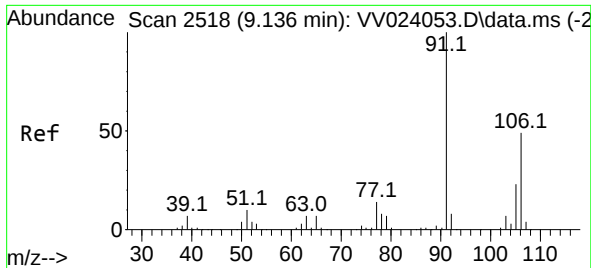
Tgt Ion:112 Resp: 52198
Ion Ratio Lower Upper
112 100
114 31.6 23.3 43.3
77 54.7 43.3 64.9



#52
Ethylbenzene
Concen: 0.114 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV024060.D
Acq: 17 Dec 2021 13:29

Tgt Ion: 91 Resp: 3720
Ion Ratio Lower Upper
91 100
106 31.1 22.0 41.0

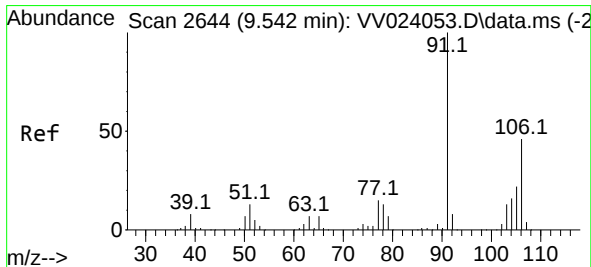
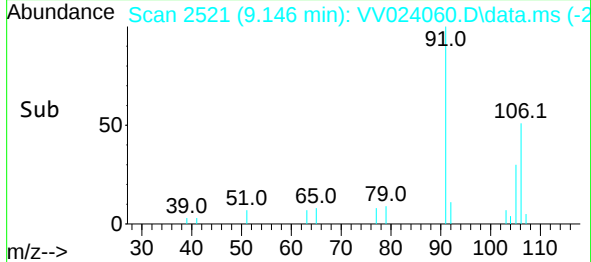
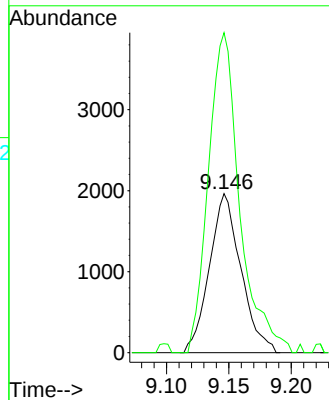
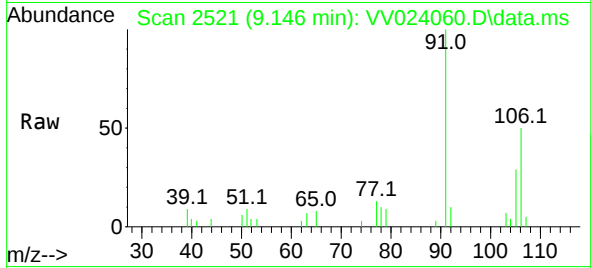




#53
m,p-xylene
Concen: 0.268 ug/L
RT: 9.146 min Scan# 2518
Delta R.T. 0.010 min
Lab File: VV024060.D
Acq: 17 Dec 2021 13:29

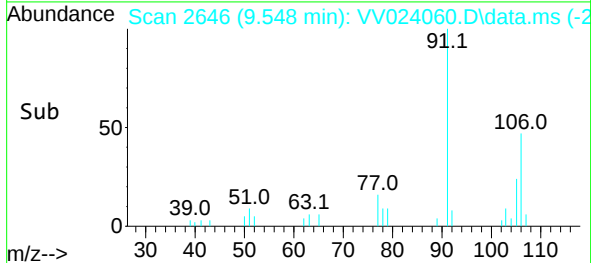
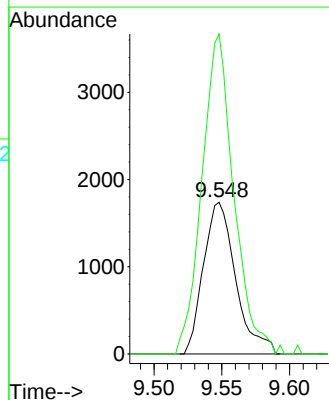
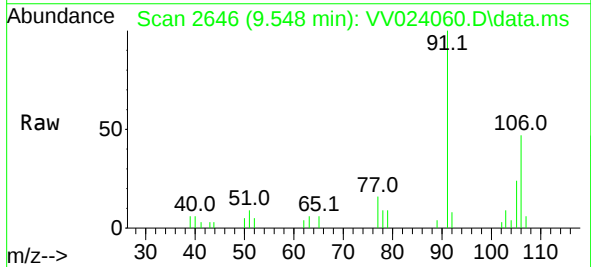
Instrument :
MSVOA_V
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DBLV3

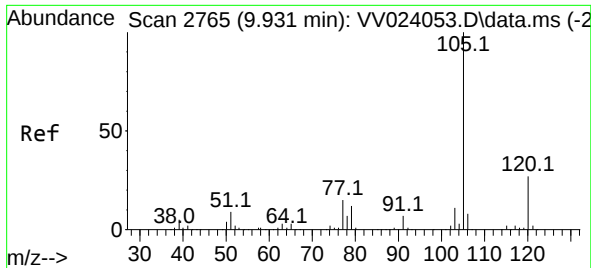
Tgt Ion:106 Resp: 3445
Ion Ratio Lower Upper
106 100
91 201.3 139.5 259.1



#54
o-xylene
Concen: 0.231 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV024060.D
Acq: 17 Dec 2021 13:29

Tgt Ion:106 Resp: 2878
Ion Ratio Lower Upper
106 100
91 211.0 147.9 274.7

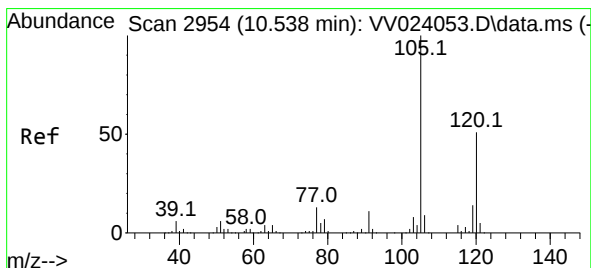
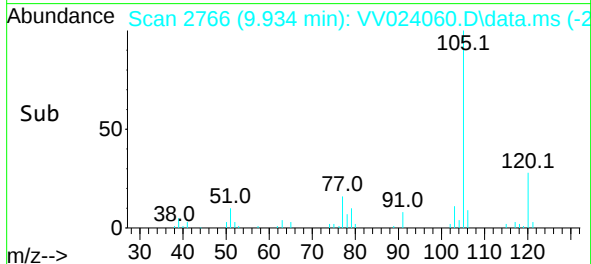
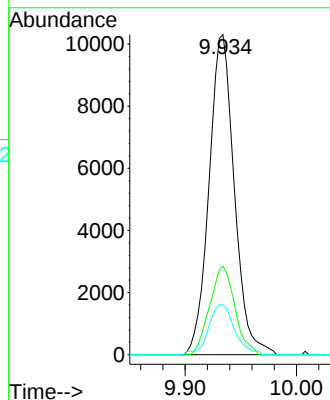
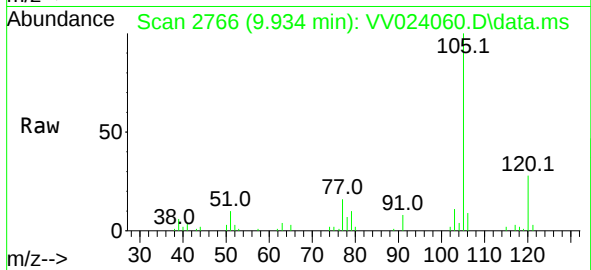




#60
Isopropylbenzene
Concen: 0.551 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024060.D
Acq: 17 Dec 2021 13:29

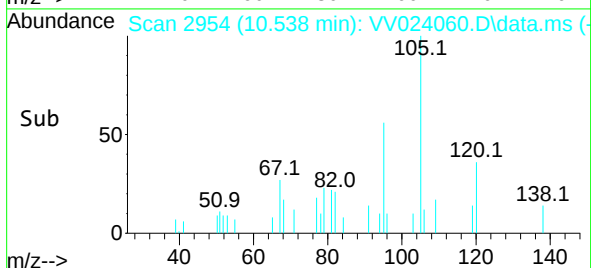
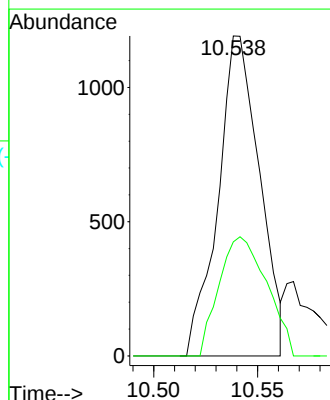
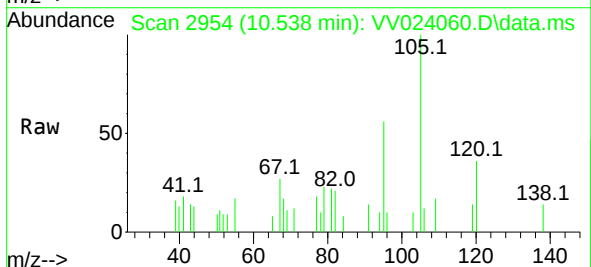
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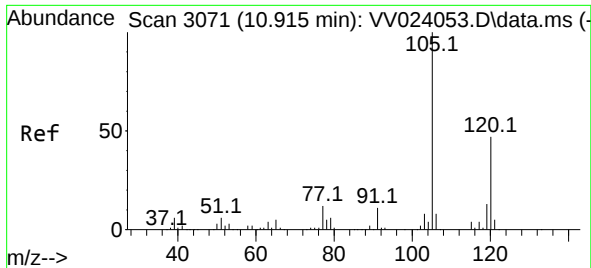
Tgt Ion:105 Resp: 16251
Ion Ratio Lower Upper
105 100
120 27.5 21.4 32.0
77 16.1 12.2 18.4



#62
1,3,5-Trimethylbenzene
Concen: 0.068 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV024060.D
Acq: 17 Dec 2021 13:29

Tgt Ion:105 Resp: 1659
Ion Ratio Lower Upper
105 100
120 42.7 40.1 60.1

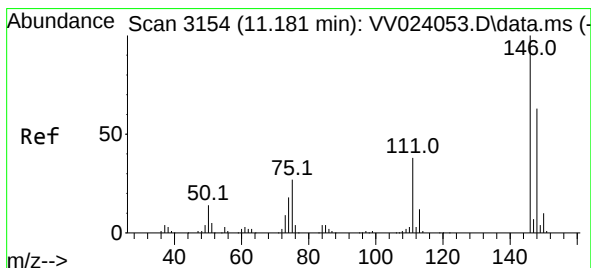
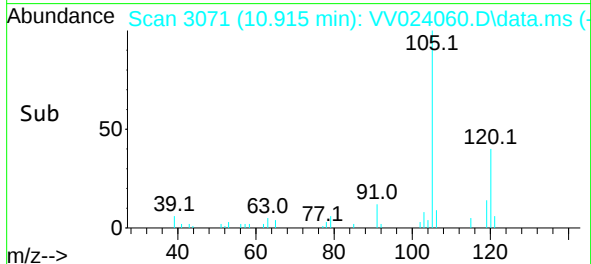
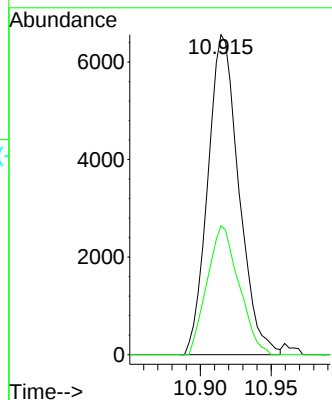
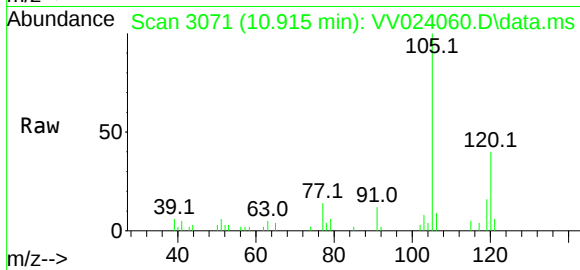




#63
 1,2,4-Trimethylbenzene
 Concen: 0.410 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV024060.D
 Acq: 17 Dec 2021 13:29

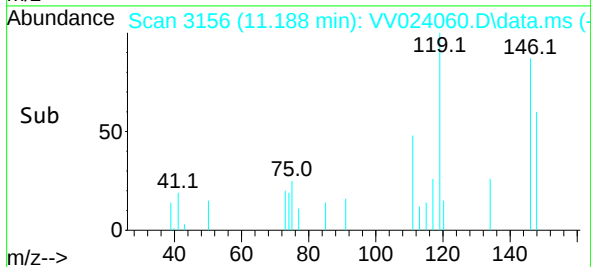
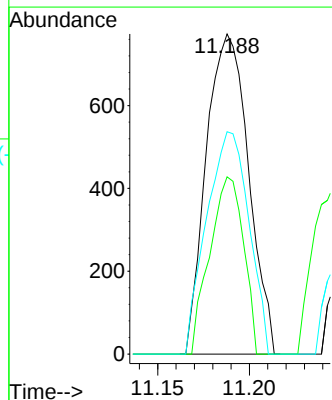
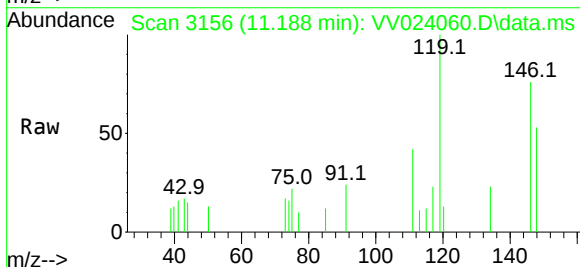
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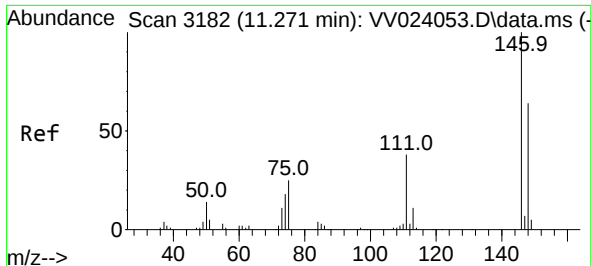
Tgt Ion:105 Resp: 9997
 Ion Ratio Lower Upper
 105 100
 120 41.2 36.7 55.1



#64
 1,3-Dichlorobenzene
 Concen: 0.082 ug/L
 RT: 11.188 min Scan# 3156
 Delta R.T. 0.006 min
 Lab File: VV024060.D
 Acq: 17 Dec 2021 13:29

Tgt Ion:146 Resp: 1240
 Ion Ratio Lower Upper
 146 100
 111 55.4 26.3 48.9#
 148 69.5 44.4 82.5

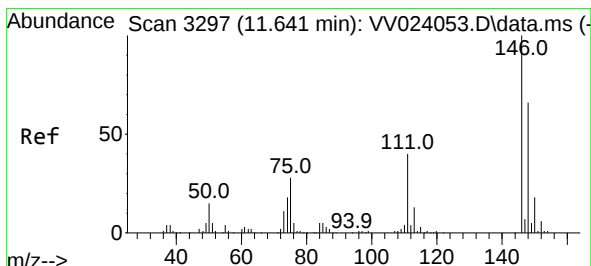
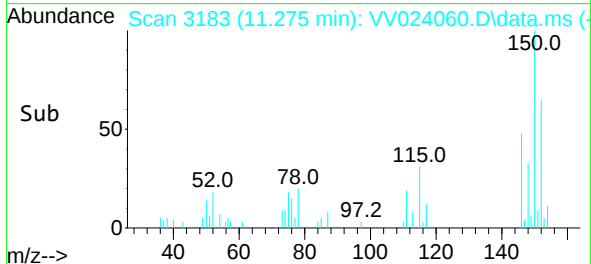
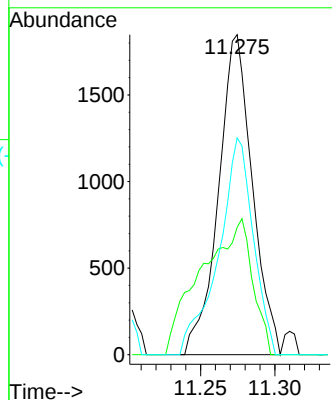
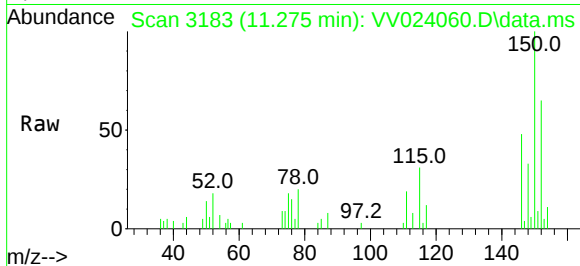




#65
1,4-Dichlorobenzene
Concen: 0.193 ug/L
RT: 11.275 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024060.D
Acq: 17 Dec 2021 13:29

Instrument :
MSVOA_V
ClientSampleId :
DBLV3

Tgt Ion:146 Resp: 2927
Ion Ratio Lower Upper
146 100
111 39.8 25.6 47.6
148 67.7 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 0.590 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV024060.D
Acq: 17 Dec 2021 13:29

Tgt Ion:146 Resp: 8147
Ion Ratio Lower Upper
146 100
111 45.5 31.9 47.9
148 71.9 50.5 75.7

