

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024022.D
 Acq On : 16 Dec 2021 18:50
 Operator : SY/MD
 Sample : M5113-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBLV6

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/17/2021
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 17 02:02:27 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	91227	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	95169	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48713	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	24276	4.950	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.000%	
7) Chloroethane-d5	1.564	69	20580	5.030	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.600%	
11) 1,1-Dichloroethene-d2	2.105	63	36260	3.788	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.800%	
20) 2-Butanone-d5	3.895	46	49216	51.366	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.740%	
24) Chloroform-d	4.346	84	52324	4.710	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	5.030	65	27409	5.299	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.000%	
32) Benzene-d6	5.050	84	98322	5.216	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
36) 1,2-Dichloropropane-d6	6.069	67	28943	5.089	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.800%	
41) Toluene-d8	7.317	98	87828	5.175	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.600%	
43) trans-1,3-Dichloroprop...	7.625	79	10548	4.471	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.400%	
46) 2-Hexanone-d5	8.088	63	42930	40.648	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.300%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	19748	4.186	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	36062	5.542	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.800%	
Target Compounds					Qvalue	
13) Acetone	2.185	43	4069m	5.308	ug/L	
33) Benzene	5.104	78	9478	0.352	ug/L	100
42) Toluene	7.397	91	2397	0.079	ug/L	88
51) Chlorobenzene	8.886	112	10468	0.517	ug/L	96
60) Isopropylbenzene	9.934	105	2654	0.093	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	2128	0.090	ug/L	94
65) 1,4-Dichlorobenzene	11.275	146	2184	0.149	ug/L	94
67) 1,2-Dichlorobenzene	11.638	146	2109	0.157	ug/L	91

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

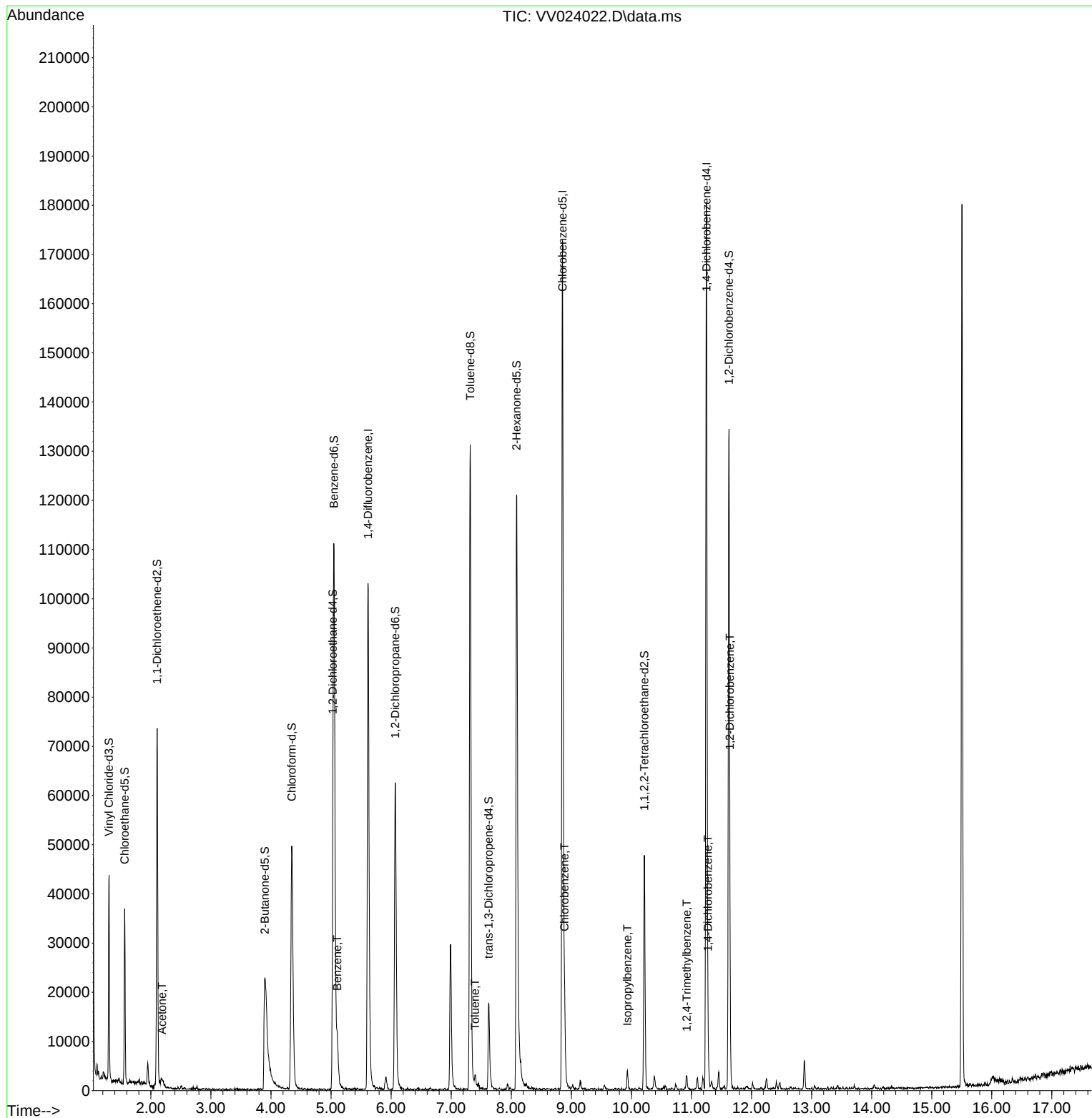
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121621\
Data File : VV024022.D
Acq On : 16 Dec 2021 18:50
Operator : SY/MD
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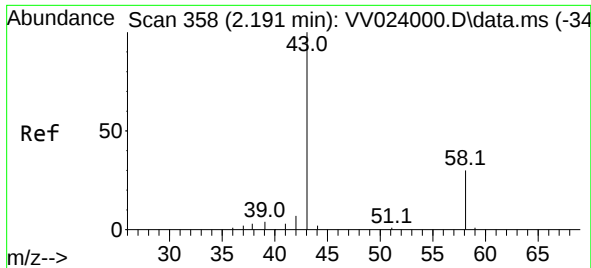
Instrument :
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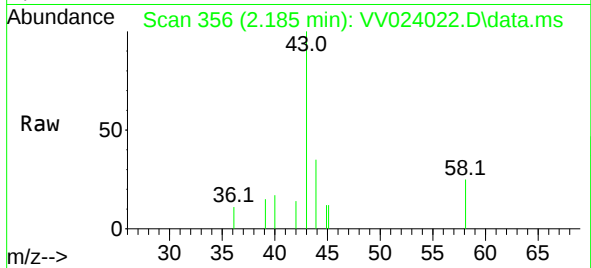
Quant Time: Dec 17 02:02:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
Response via : Initial Calibration





#13
Acetone
Concen: 5.308 ug/L m
RT: 2.185 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV024022.D
Acq: 16 Dec 2021 18:50

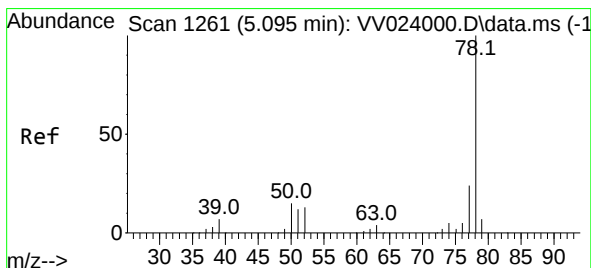
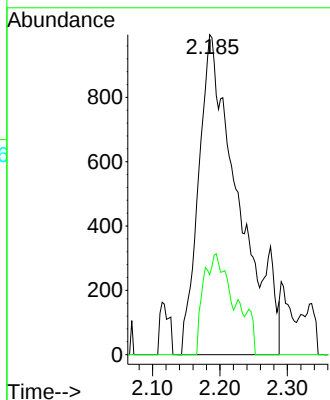
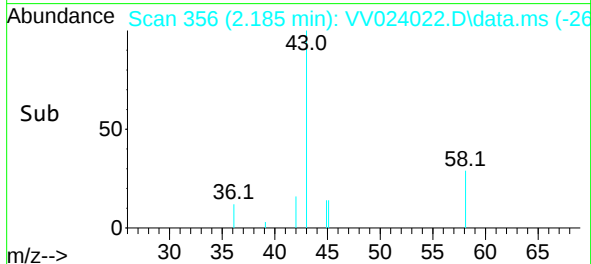
Instrument :
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Tgt Ion: 43 Resp: 4069
Ion Ratio Lower Upper
43 100
58 19.0 0.0 41.4

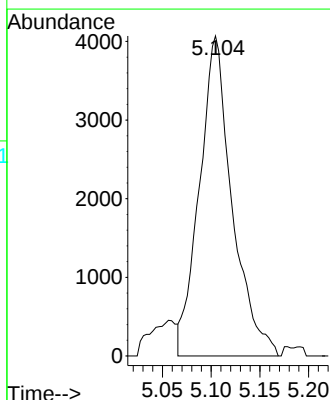
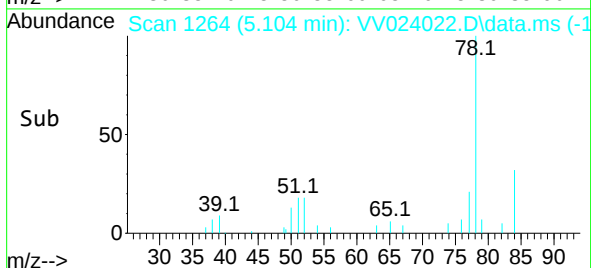
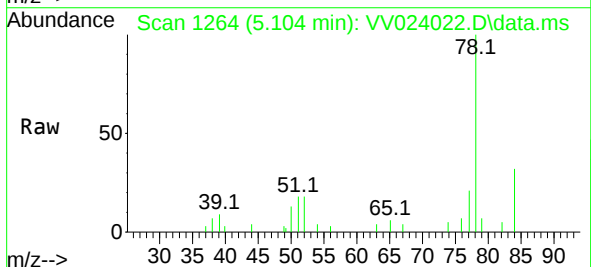
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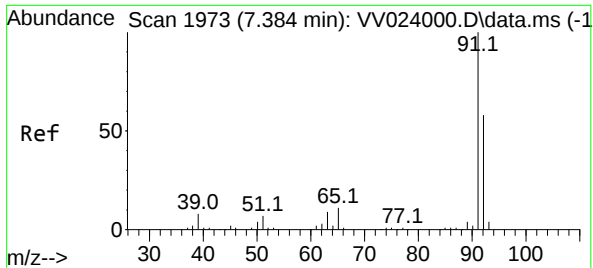
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#33
Benzene
Concen: 0.352 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV024022.D
Acq: 16 Dec 2021 18:50

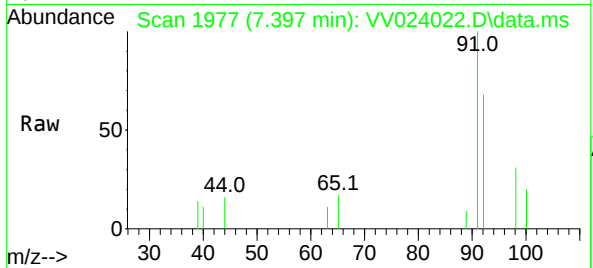
Tgt Ion: 78 Resp: 9478





#42
Toluene
Concen: 0.079 ug/L
RT: 7.397 min Scan# 1973
Delta R.T. 0.013 min
Lab File: VV024022.D
Acq: 16 Dec 2021 18:50

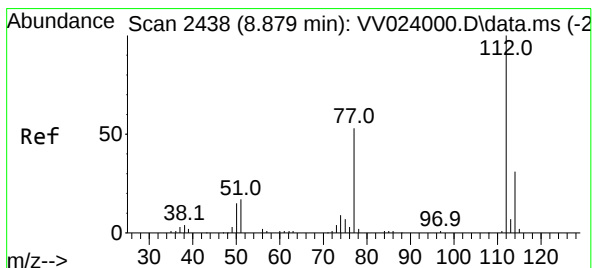
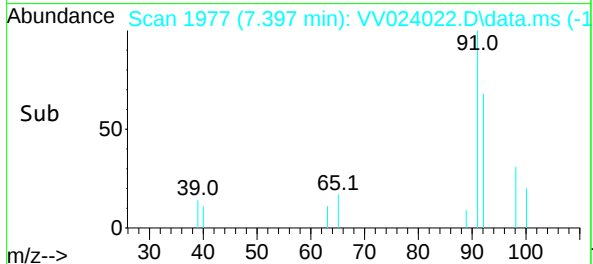
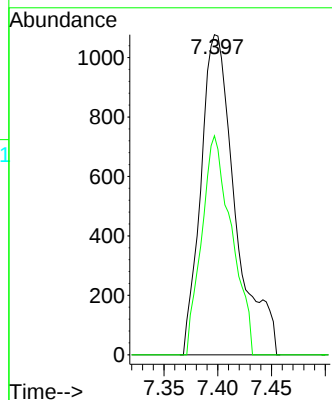
Instrument :
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ClientSampleId :
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Tgt Ion: 91 Resp: 239
Ion Ratio Lower Upper
91 100
92 68.4 41.5 77.1

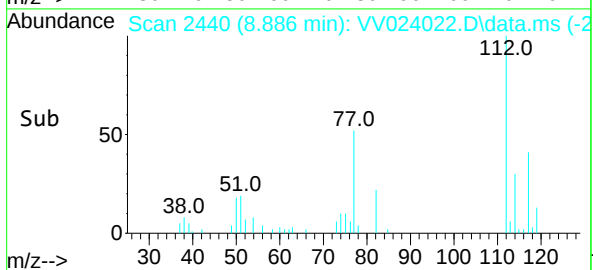
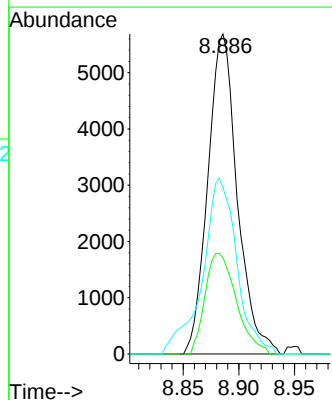
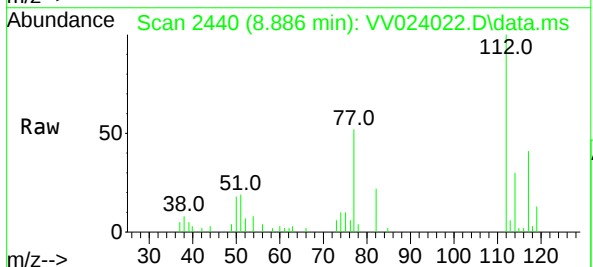
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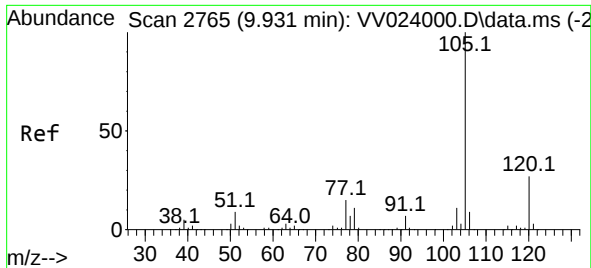
Reviewed By :John Carlone 12/17/2021
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#51
Chlorobenzene
Concen: 0.517 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.006 min
Lab File: VV024022.D
Acq: 16 Dec 2021 18:50

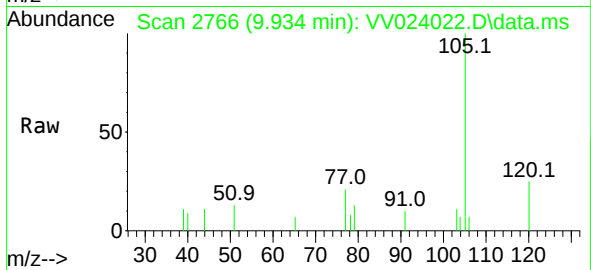
Tgt Ion:112 Resp: 10468
Ion Ratio Lower Upper
112 100
114 30.0 23.3 43.3
77 52.0 43.3 64.9





#60
Isopropylbenzene
Concen: 0.093 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024022.D
Acq: 16 Dec 2021 18:50

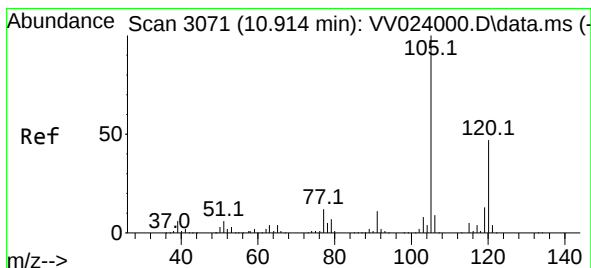
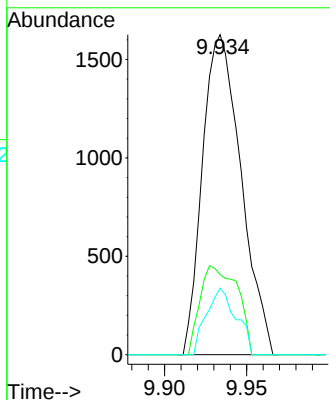
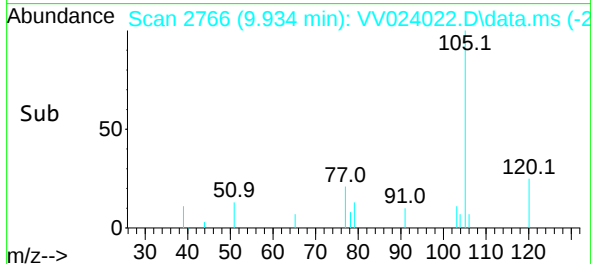
Instrument :
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ClientSampleId :
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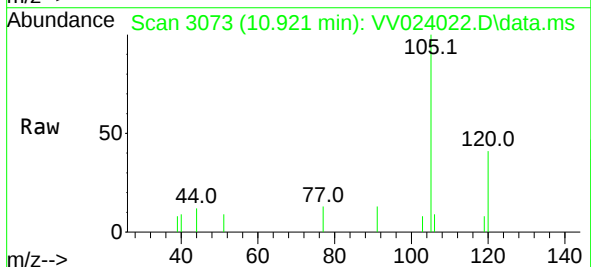
Tgt Ion:105 Resp: 2654
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 16.0 12.2 18.4

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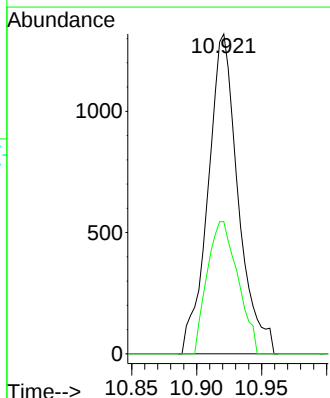
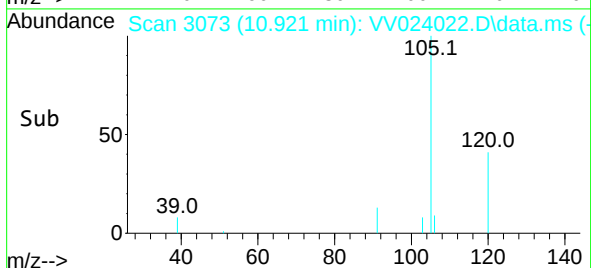
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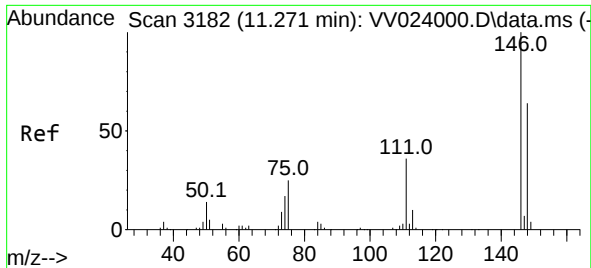


#63
1,2,4-Trimethylbenzene
Concen: 0.090 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV024022.D
Acq: 16 Dec 2021 18:50



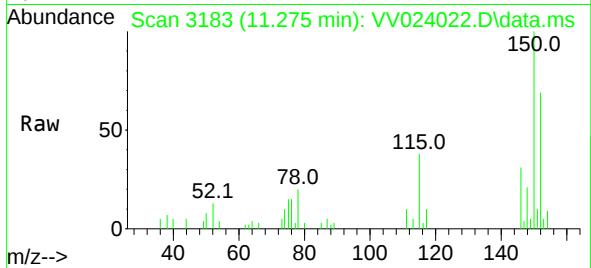
Tgt Ion:105 Resp: 2128
Ion Ratio Lower Upper
105 100
120 42.0 36.7 55.1





#65
1,4-Dichlorobenzene
Concen: 0.149 ug/L
RT: 11.275 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024022.D
Acq: 16 Dec 2021 18:50

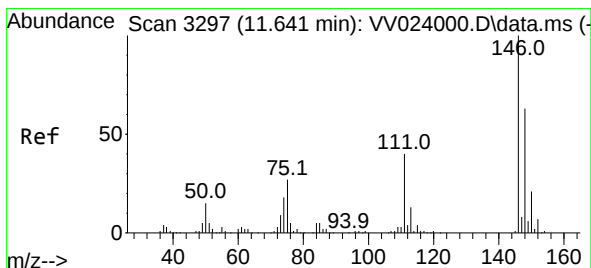
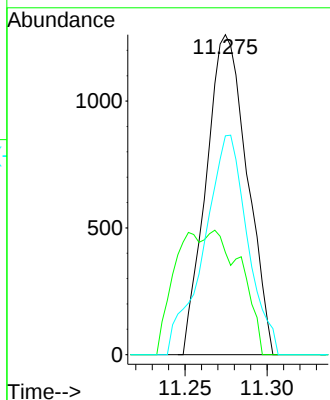
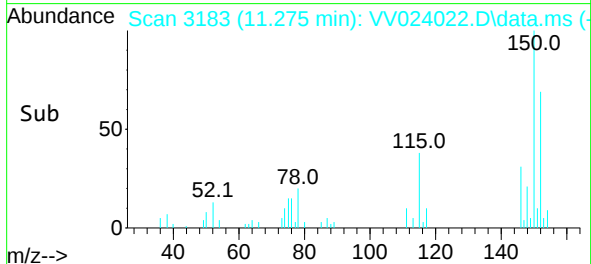
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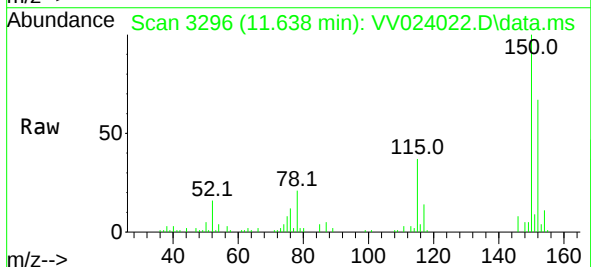
Tgt Ion:146 Resp: 2184
Ion Ratio Lower Upper
146 100
111 31.9 25.6 47.6
148 68.4 44.8 83.2

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#67
1,2-Dichlorobenzene
Concen: 0.157 ug/L
RT: 11.638 min Scan# 3296
Delta R.T. -0.003 min
Lab File: VV024022.D
Acq: 16 Dec 2021 18:50



Tgt Ion:146 Resp: 2109
Ion Ratio Lower Upper
146 100
111 37.2 31.9 47.9
148 53.7 50.5 75.7

