

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071691.D
 Acq On : 31 Mar 2022 04:57
 Operator : JC\MD
 Sample : N2123-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COMP-CS-1

Quant Time: Mar 31 07:47:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	609632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1018196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1054234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	462065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	343857	49.407	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.820%		
35) Dibromofluoromethane	8.022	113	223960	37.380	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	74.760%		
50) Toluene-d8	10.439	98	1275470	52.039	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.080%		
62) 4-Bromofluorobenzene	12.727	95	486776	61.408	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	122.820%		
Target Compounds					Qvalue	
16) Acetone	4.287	43	122895	41.319	ug/l	98
17) Carbon Disulfide	4.534	76	9553	0.827	ug/l	98
20) Methylene Chloride	5.093	84	9268	1.478	ug/l	91
25) 2-Butanone	7.345	43	32308	7.535	ug/l	100
39) Methylcyclohexane	9.451	83	9029	0.907	ug/l #	86
44) Trichloroethene	9.210	130	1944	0.285	ug/l	80
52) Toluene	10.504	92	12973	0.776	ug/l	99
67) Ethyl Benzene	11.839	91	289310	8.096	ug/l	97
68) m/p-Xylenes	11.945	106	86103	6.271	ug/l	100
69) o-Xylene	12.275	106	85304	6.259	ug/l	100
73) Isopropylbenzene	12.575	105	107740	2.767	ug/l	99
78) n-propylbenzene	12.916	91	34565	0.844	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	67795	2.198	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	376920	12.522	ug/l	99
85) sec-Butylbenzene	13.498	105	8778m	0.240	ug/l	
86) p-Isopropyltoluene	13.610	119	82524	2.831	ug/l	98

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

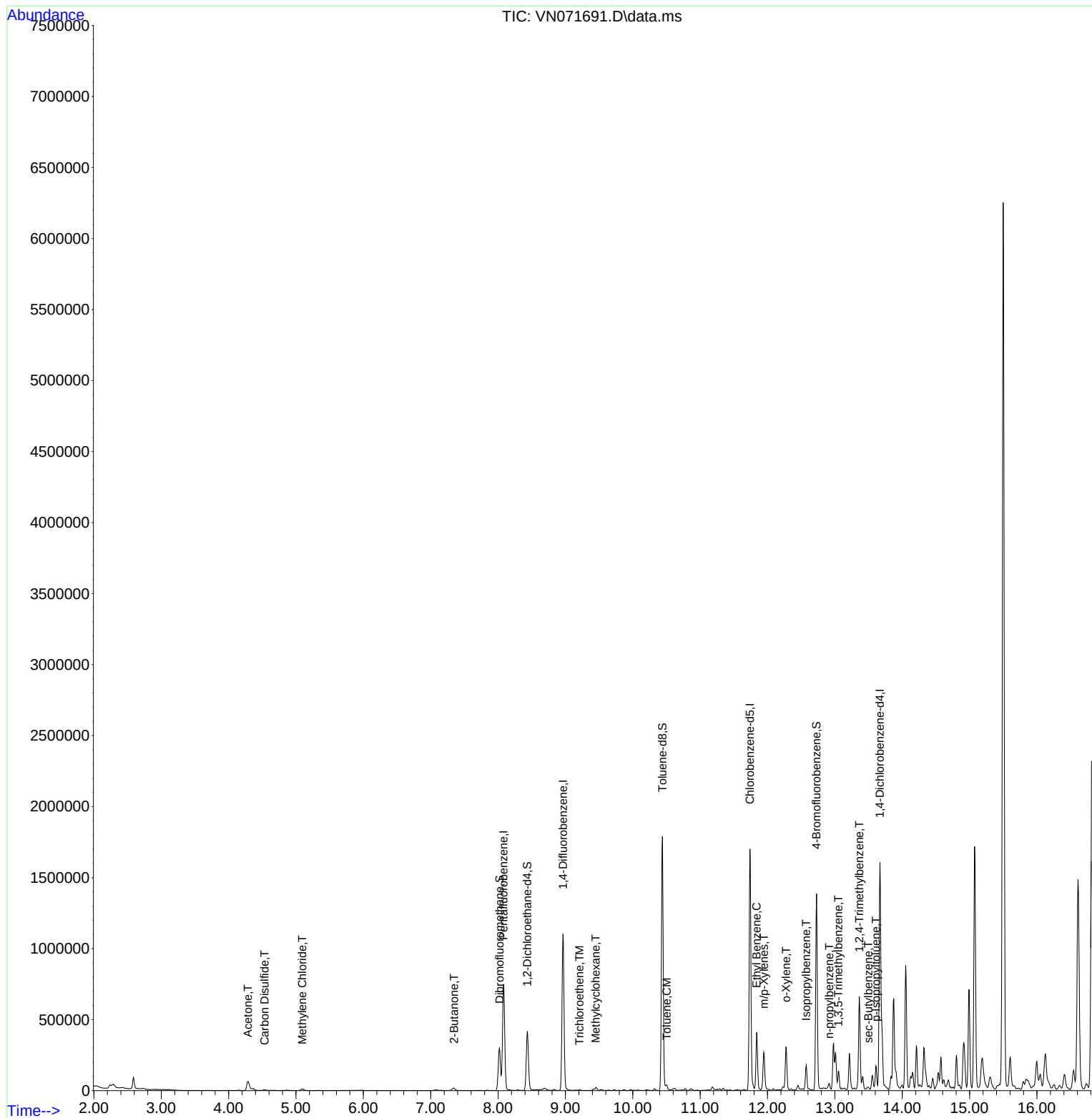
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
Data File : VN071691.D
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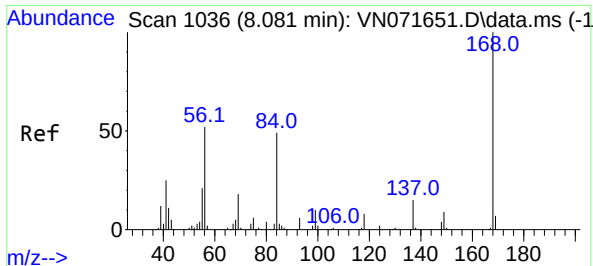
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SPLP-LEACHATE-AMENDED-COMP-CS-1

Quant Time: Mar 31 07:47:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
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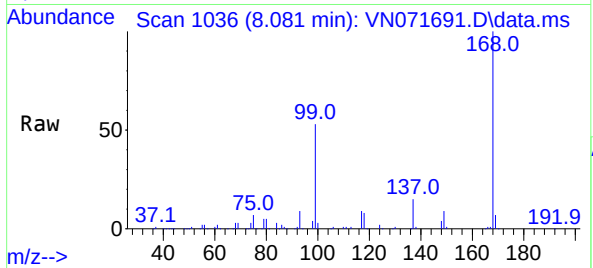
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57

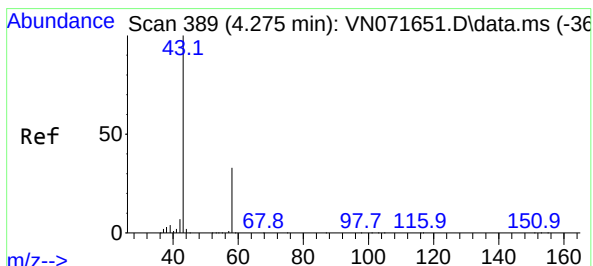
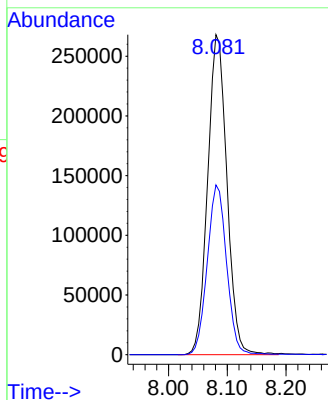
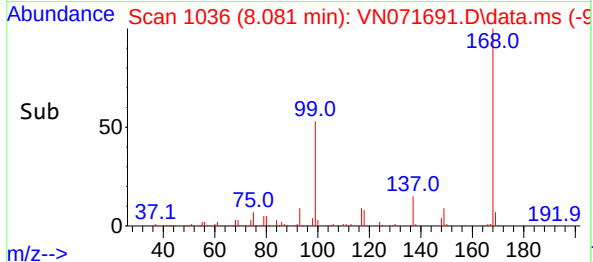
Instrument : MSVOA_N
ClientSampleId : SPLP-LEACHATE-AMENDED-COMP-CS-1



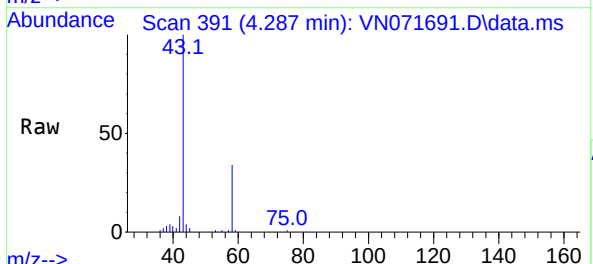
Tgt Ion:168 Resp: 609632
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5

Manual Integrations
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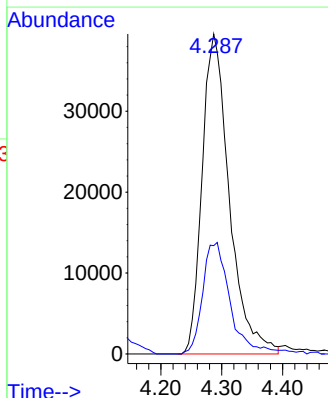
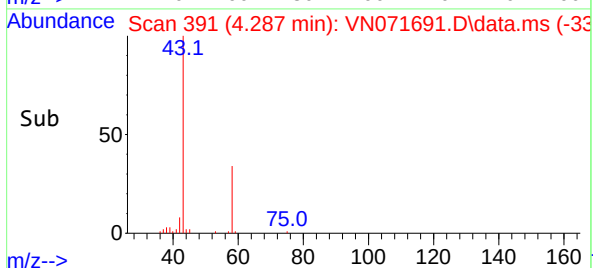
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

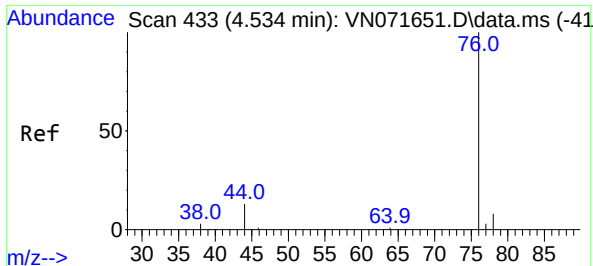


#16
Acetone
Concen: 41.319 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57



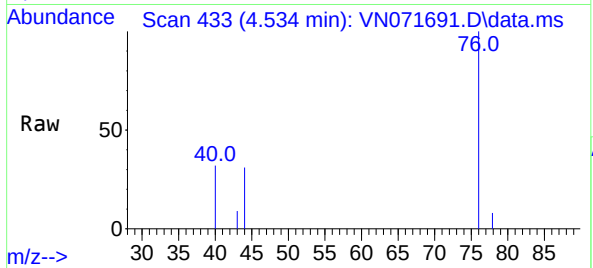
Tgt Ion: 43 Resp: 122895
Ion Ratio Lower Upper
43 100
58 33.8 26.0 39.0





#17
Carbon Disulfide
Concen: 0.827 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57

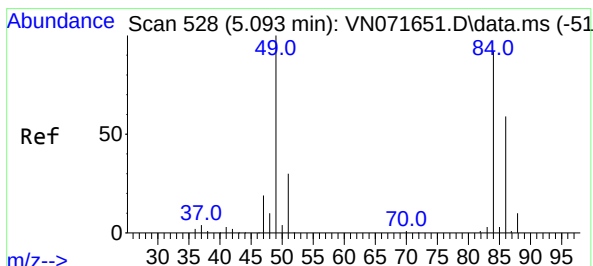
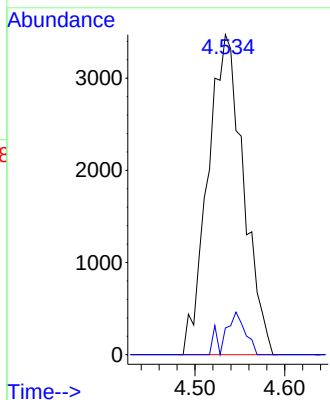
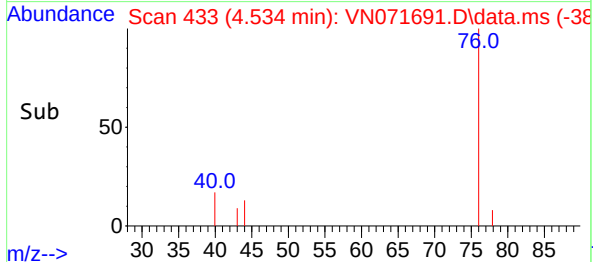
Instrument :
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ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1



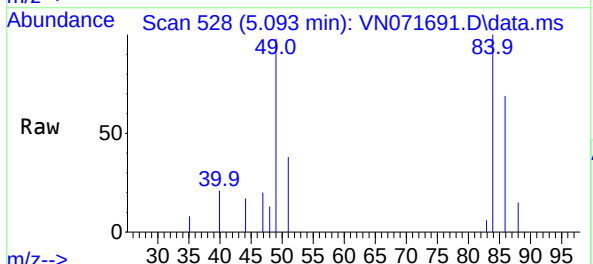
Tgt Ion: 76 Resp: 955
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

Manual Integrations
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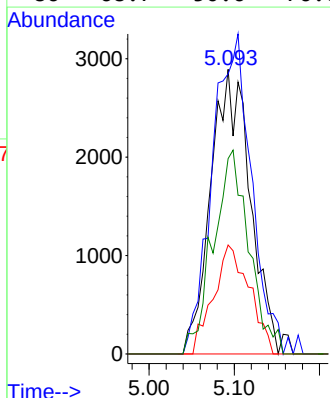
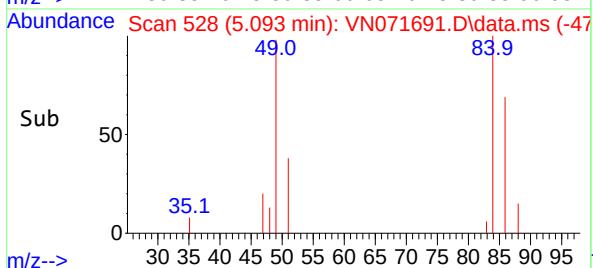
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

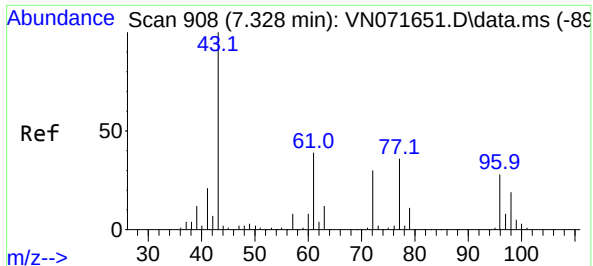


#20
Methylene Chloride
Concen: 1.478 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57



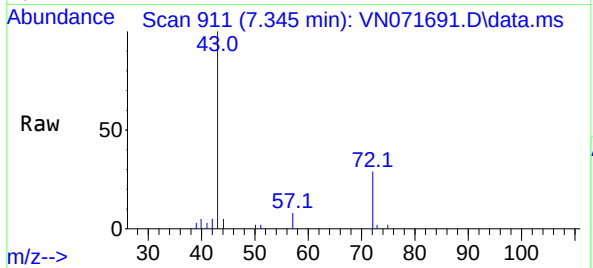
Tgt Ion: 84 Resp: 9268
Ion Ratio Lower Upper
84 100
49 98.4 88.3 132.5
51 38.3 28.2 42.2
86 68.7 50.6 76.0





#25
2-Butanone
Concen: 7.535 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57

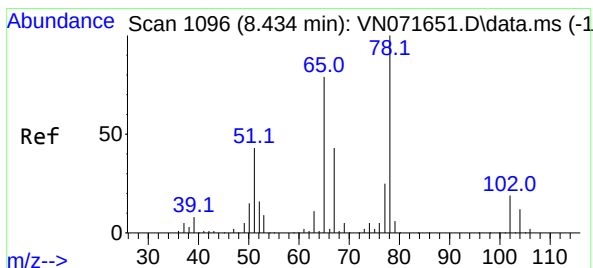
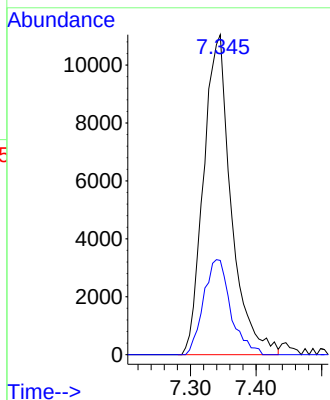
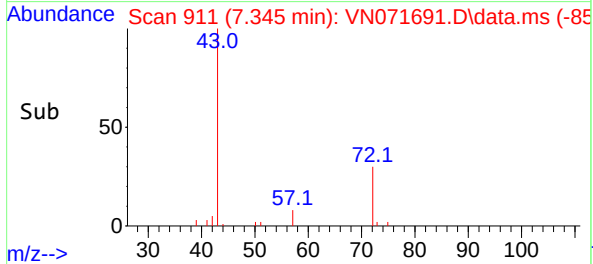
Instrument :
MSVOA_N
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1



Tgt Ion: 43 Resp: 32308
Ion Ratio Lower Upper
43 100
72 29.4 23.7 35.5

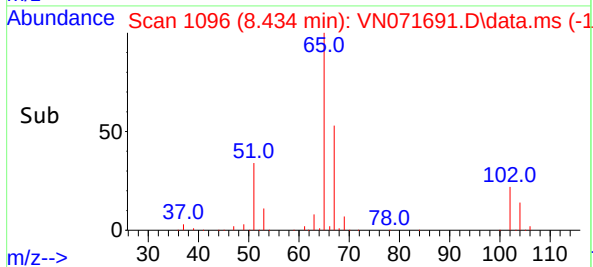
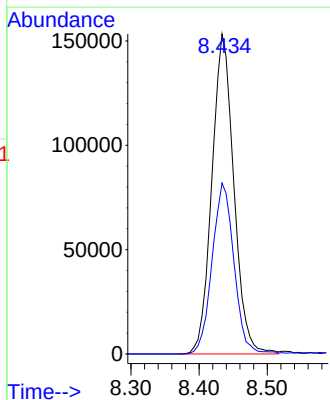
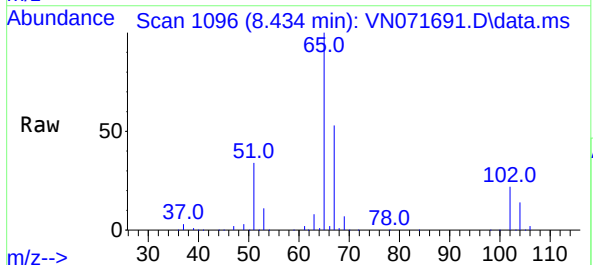
Manual Integrations
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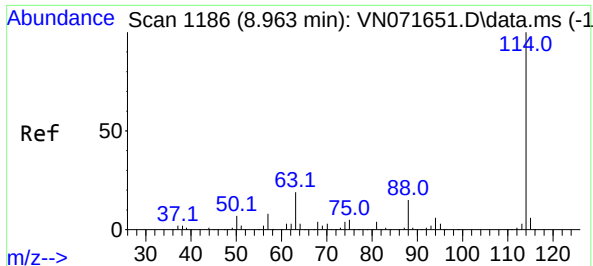
Reviewed By :John Carlone 03/31/2022
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#33
1,2-Dichloroethane-d4
Concen: 49.407 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57

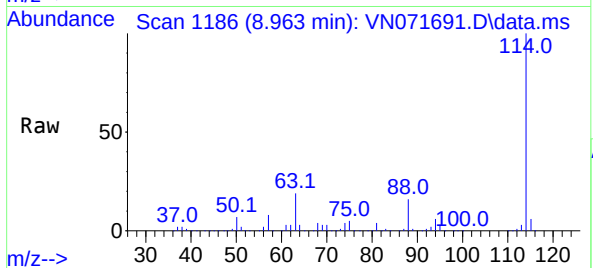
Tgt Ion: 65 Resp: 343857
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57

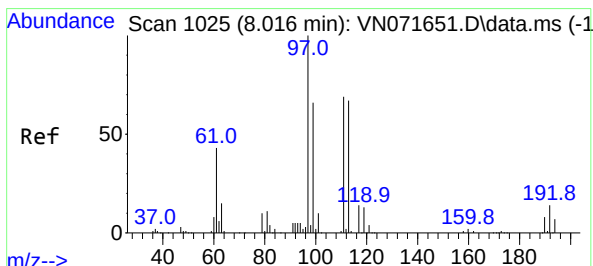
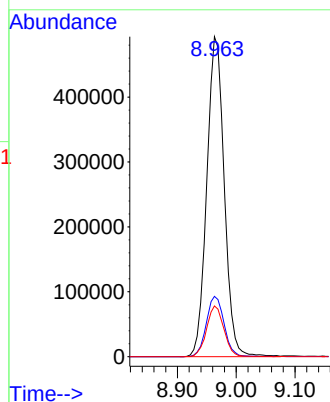
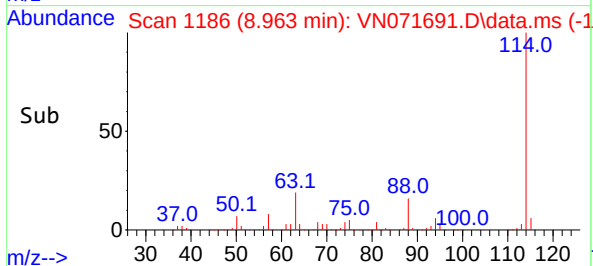
Instrument : MSVOA_N
ClientSampleId : SPLP-LEACHATE-AMENDED-COMP-CS-1



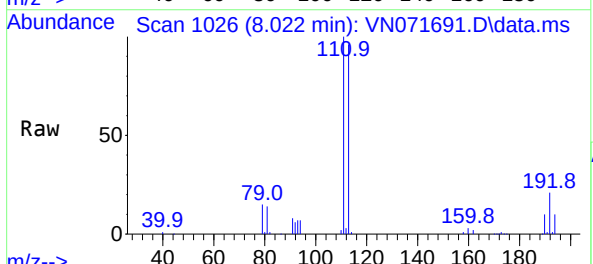
Tgt Ion:114 Resp: 1018190
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 15.9 0.0 32.6

Manual Integrations
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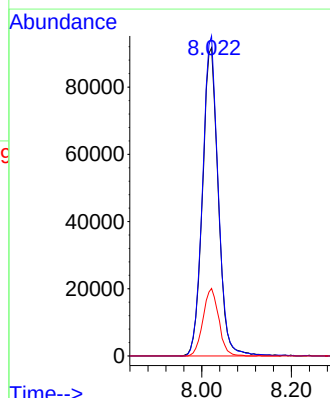
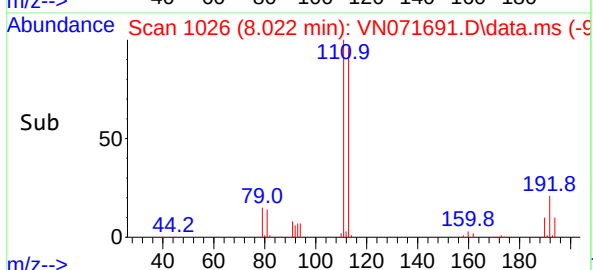
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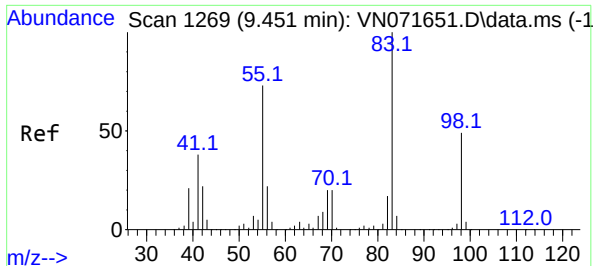


#35
Dibromofluoromethane
Concen: 37.380 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57



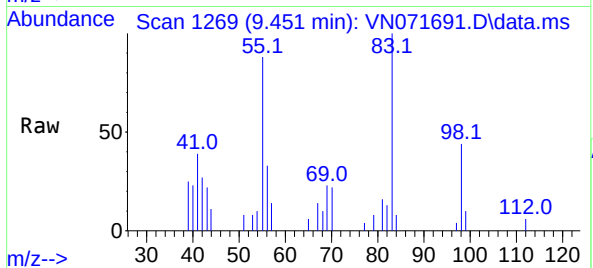
Tgt Ion:113 Resp: 223960
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 21.7 17.0 25.6





#39
Methylcyclohexane
Concen: 0.907 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57

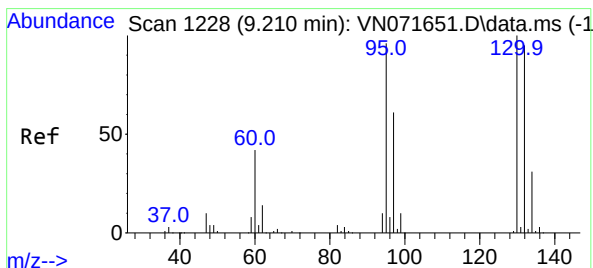
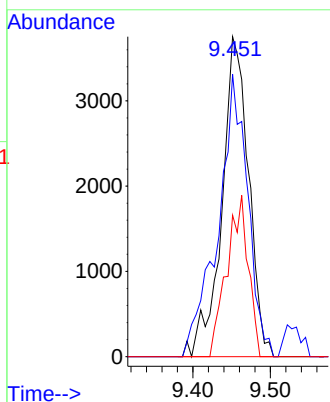
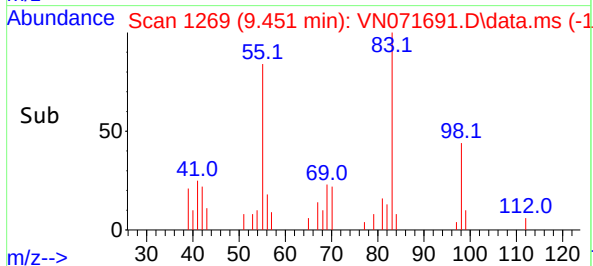
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ClientSampleId : SPLP-LEACHATE-AMENDED-COMP-CS-1



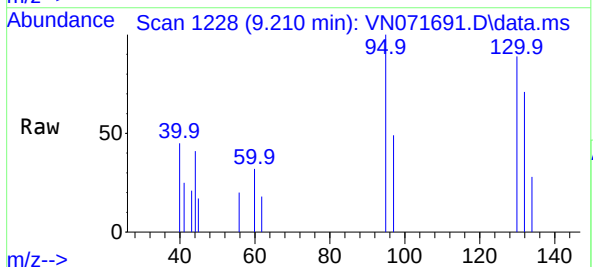
Tgt Ion: 83 Resp: 9029
Ion Ratio Lower Upper
83 100
55 88.2 57.8 86.8
98 44.2 39.4 59.2

Manual Integrations
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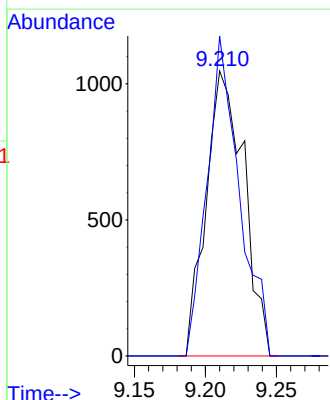
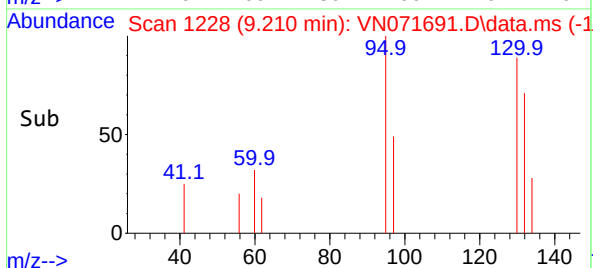
Reviewed By :John Carlone 03/31/2022
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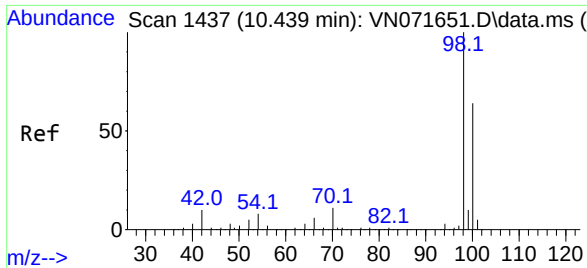


#44
Trichloroethene
Concen: 0.285 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57



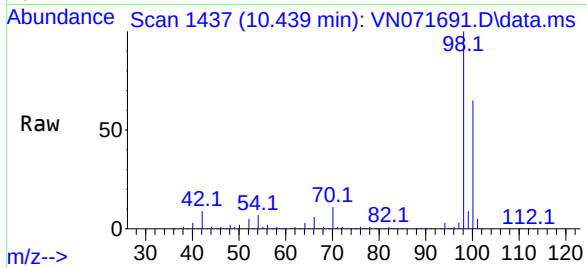
Tgt Ion:130 Resp: 1944
Ion Ratio Lower Upper
130 100
95 112.3 0.0 186.8





#50
Toluene-d8
Concen: 52.039 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57

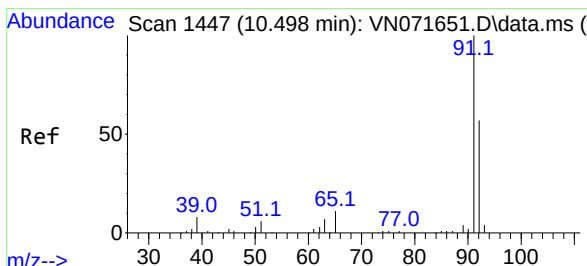
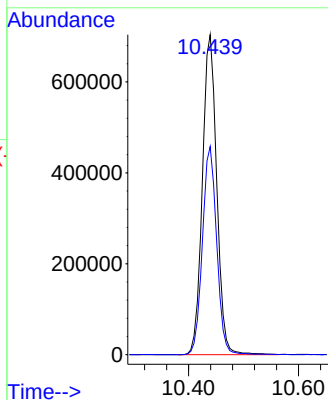
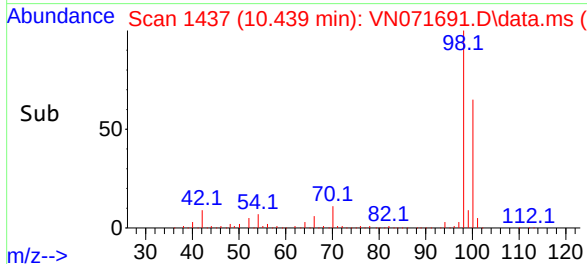
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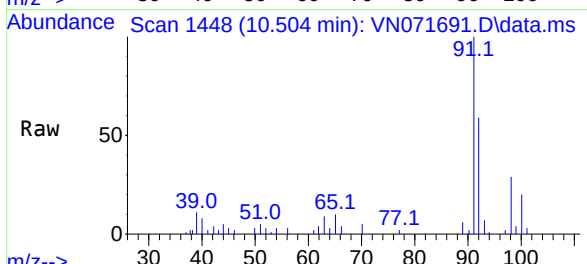
Tgt Ion: 98 Resp: 1275470
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

Manual Integrations
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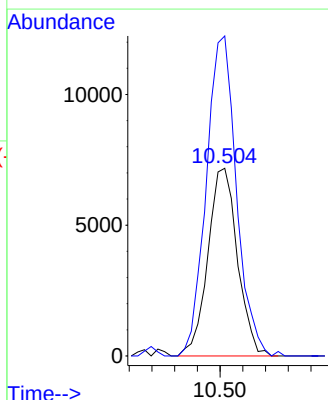
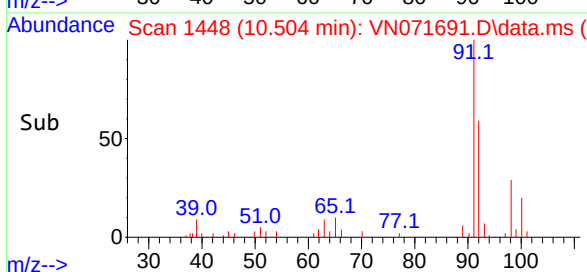
Reviewed By :John Carlone 03/31/2022
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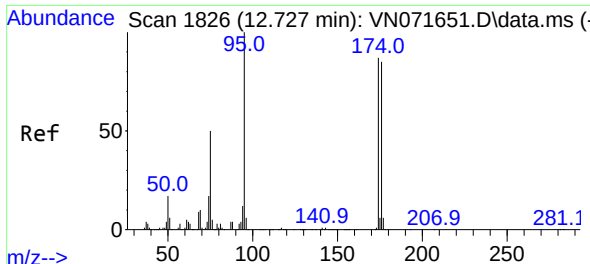


#52
Toluene
Concen: 0.776 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57



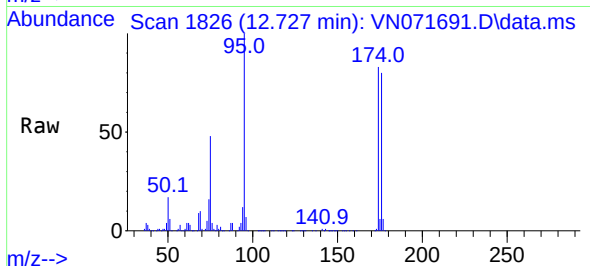
Tgt Ion: 92 Resp: 12973
Ion Ratio Lower Upper
92 100
91 173.9 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 61.408 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57

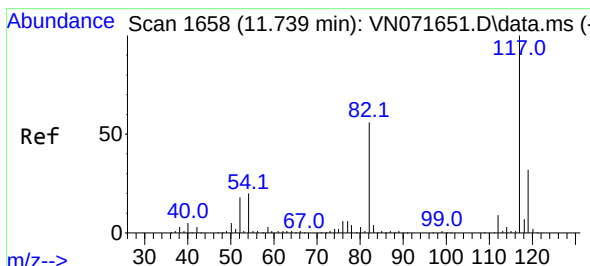
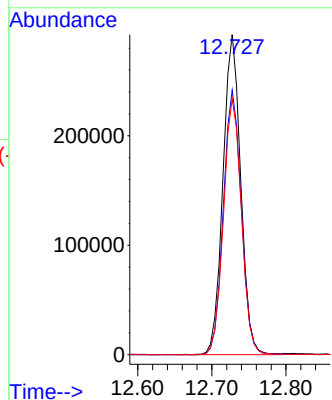
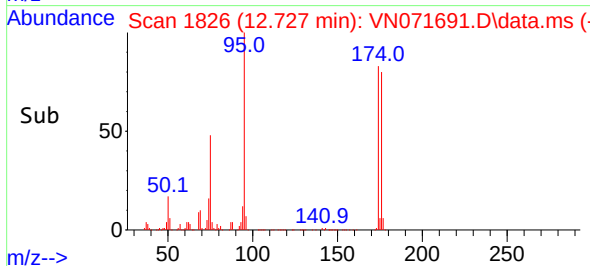
Instrument : MSVOA_N
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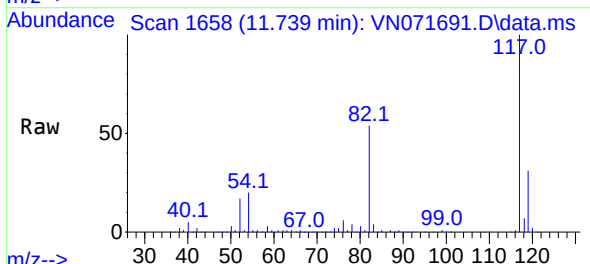
Tgt Ion: 95 Resp: 486770
Ion Ratio Lower Upper
95 100
174 84.0 0.0 167.6
176 81.0 0.0 163.4

Manual Integrations
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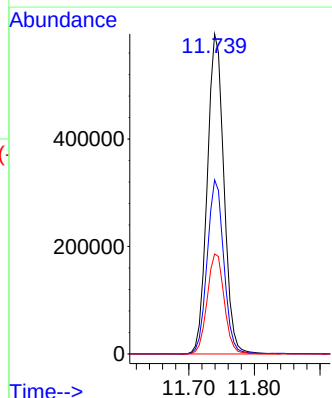
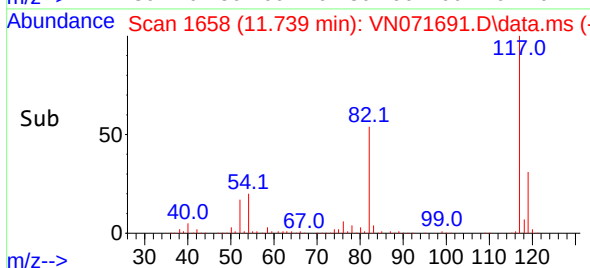
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

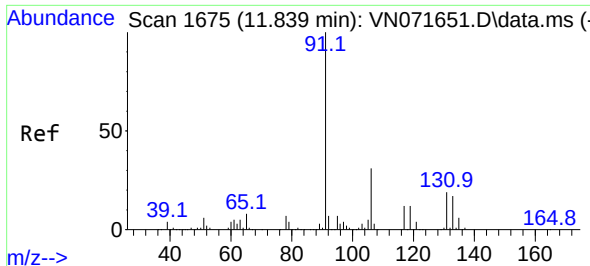


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57



Tgt Ion:117 Resp: 1054234
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 31.2 25.4 38.0





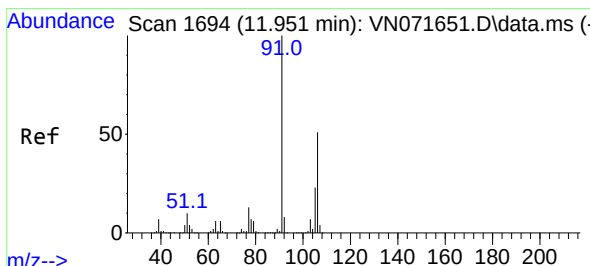
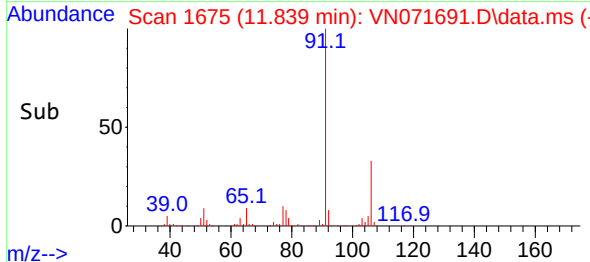
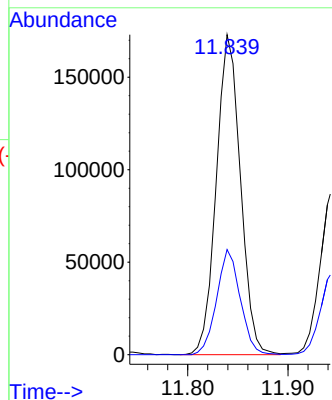
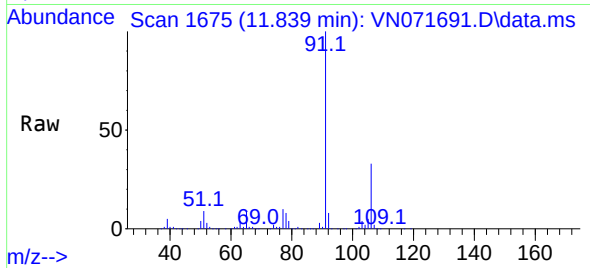
#67
Ethyl Benzene
Concen: 8.096 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57

Instrument : MSVOA_N
ClientSampleId : SPLP-LEACHATE-AMENDED-COMP-CS-1

Tgt Ion: 91 Resp: 289310
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3

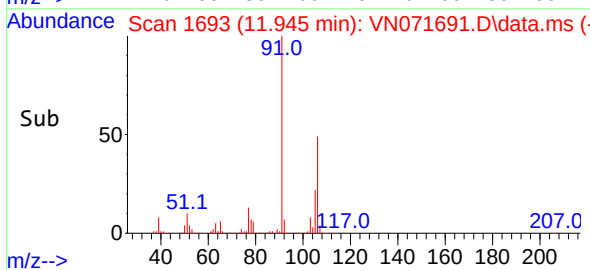
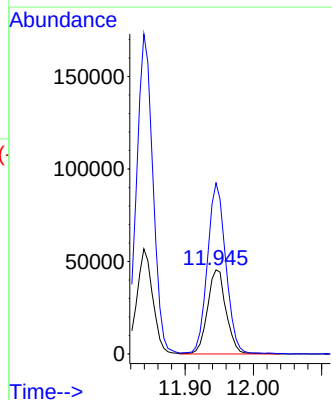
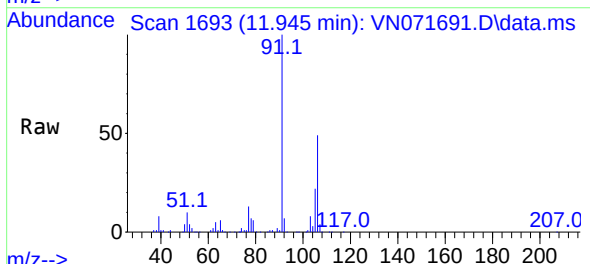
Manual Integrations
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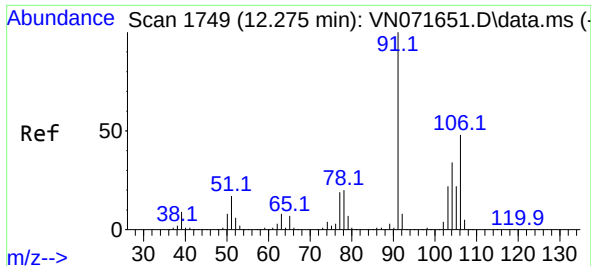
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#68
m/p-Xylenes
Concen: 6.271 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57

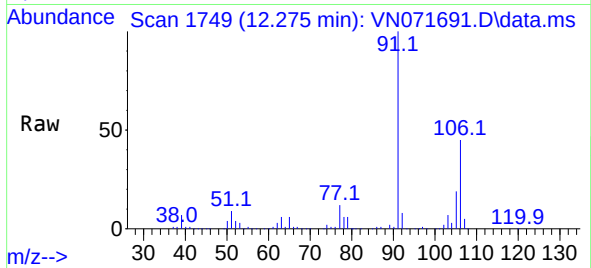
Tgt Ion:106 Resp: 86103
Ion Ratio Lower Upper
106 100
91 198.6 158.9 238.3





#69
o-Xylene
Concen: 6.259 ug/l
RT: 12.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57

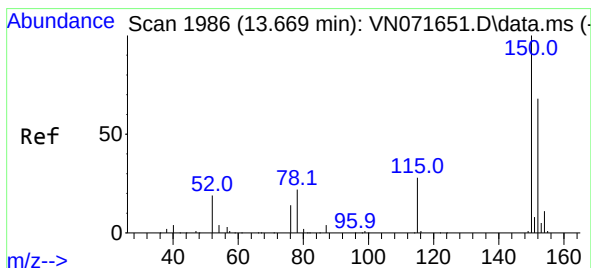
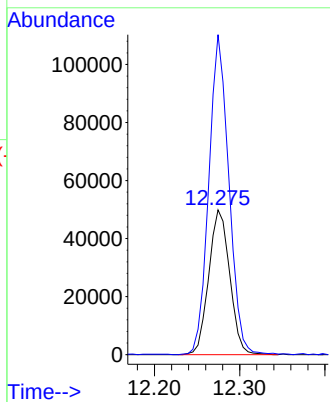
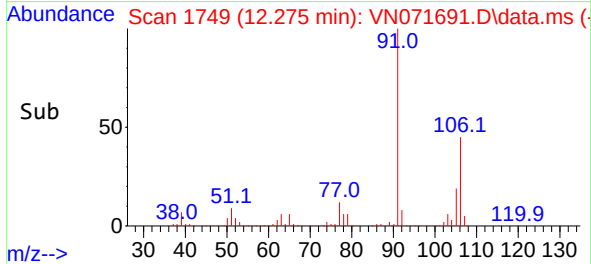
Instrument :
MSVOA_N
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1



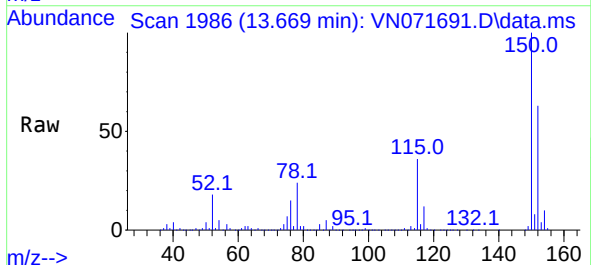
Tgt Ion:106 Resp: 85304
Ion Ratio Lower Upper
106 100
91 212.0 106.0 318.0

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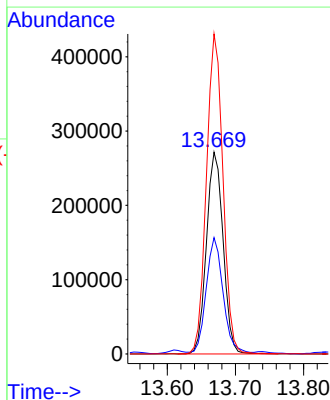
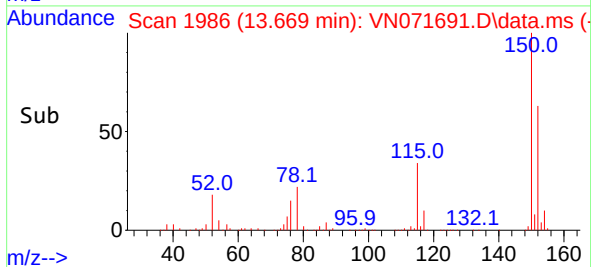
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

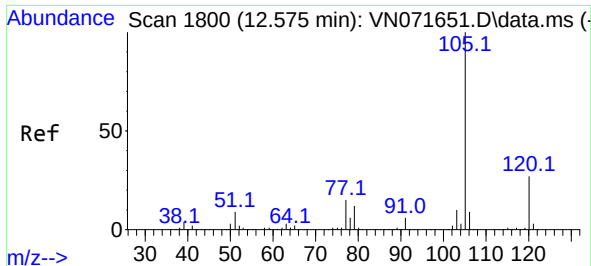


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57



Tgt Ion:152 Resp: 462065
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.7
150 157.2 0.0 356.2





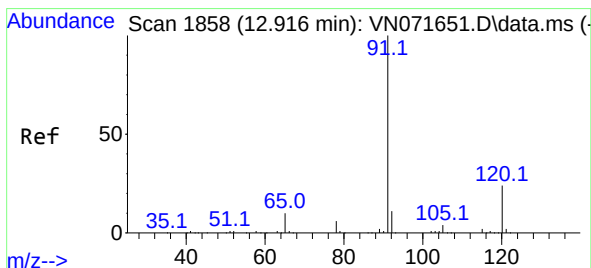
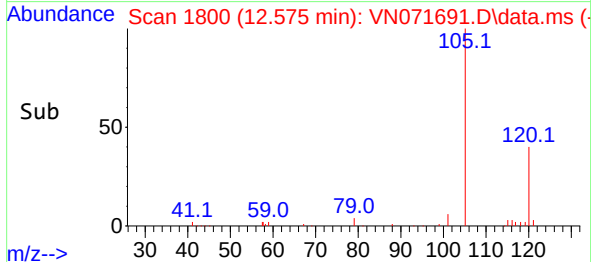
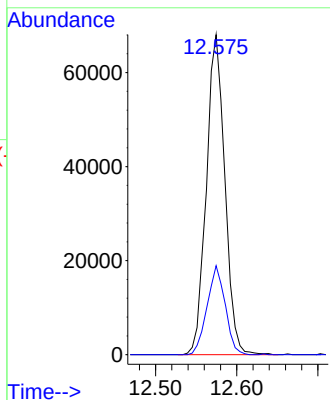
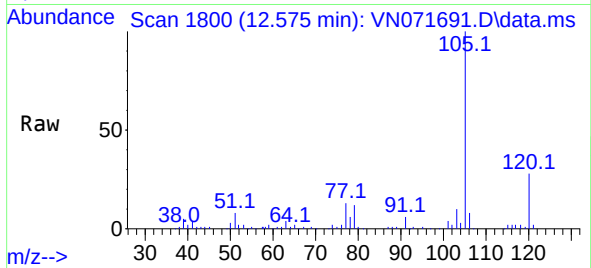
#73
Isopropylbenzene
Concen: 2.767 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57

Instrument : MSVOA_N
ClientSampleId : SPLP-LEACHATE-AMENDED-COMP-CS-1

Tgt Ion:105 Resp: 107740
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

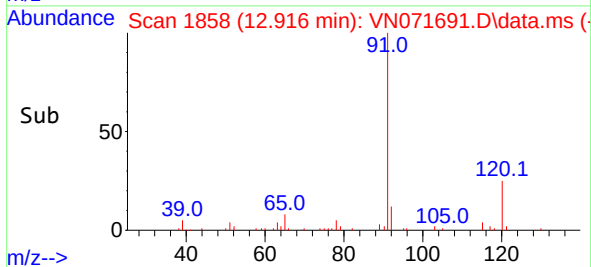
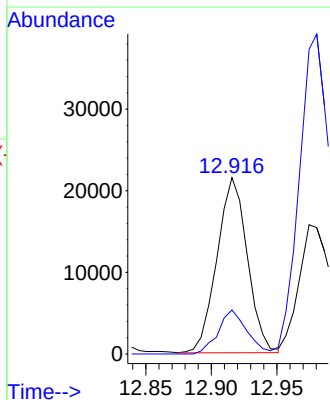
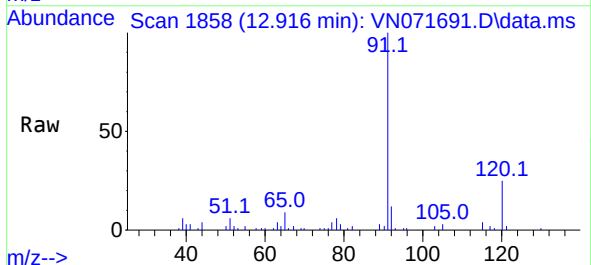
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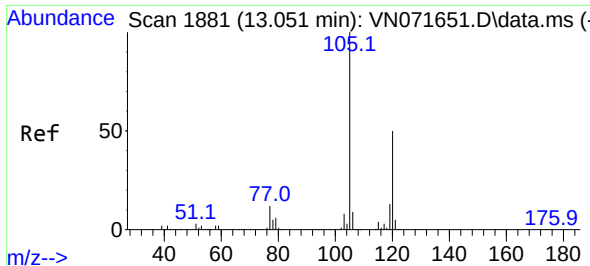
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#78
n-propylbenzene
Concen: 0.844 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57

Tgt Ion: 91 Resp: 34565
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





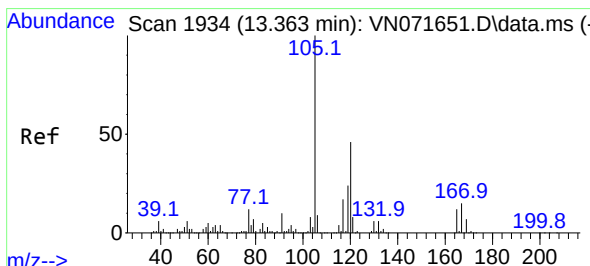
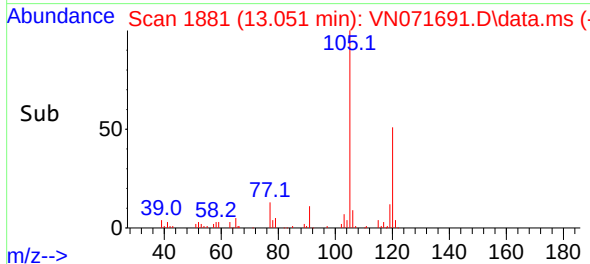
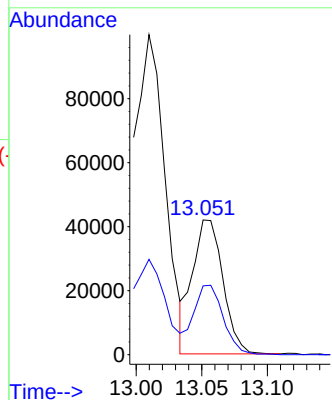
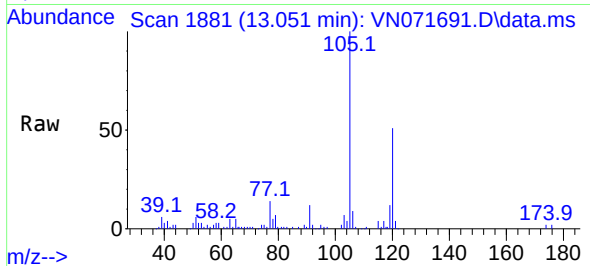
#80
1,3,5-Trimethylbenzene
Concen: 2.198 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57

Instrument : MSVOA_N
ClientSampleId : SPLP-LEACHATE-AMENDED-COMP-CS-1

Tgt Ion:105 Resp: 67795
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.7

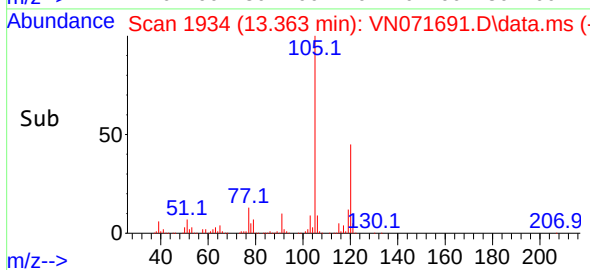
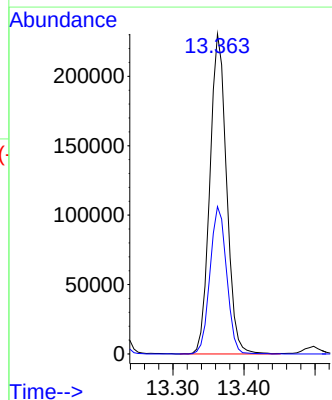
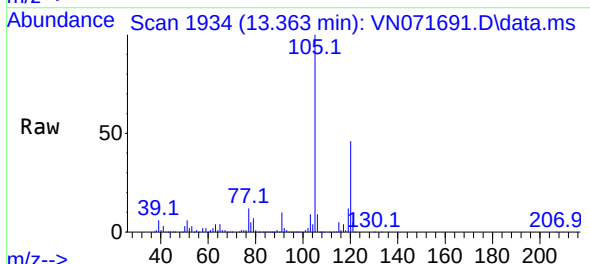
Manual Integrations
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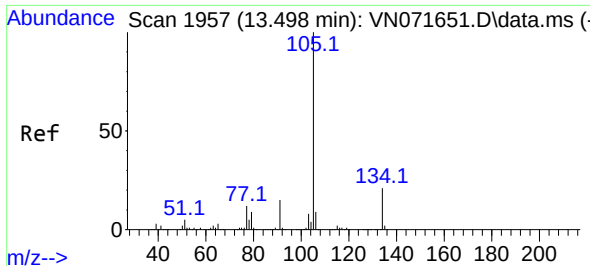
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#84
1,2,4-Trimethylbenzene
Concen: 12.522 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57

Tgt Ion:105 Resp: 376920
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8





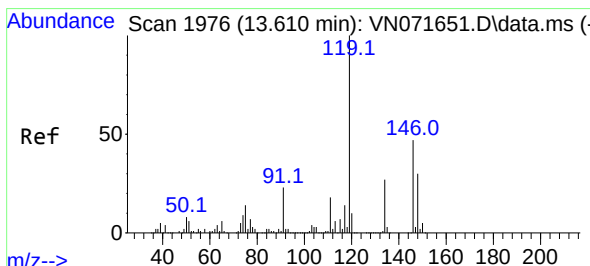
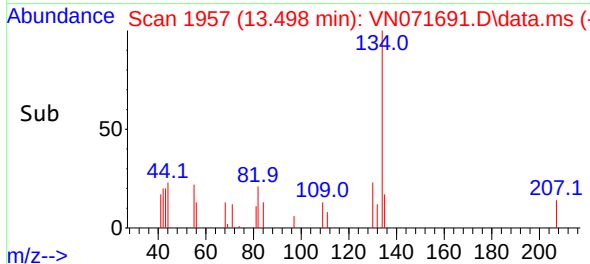
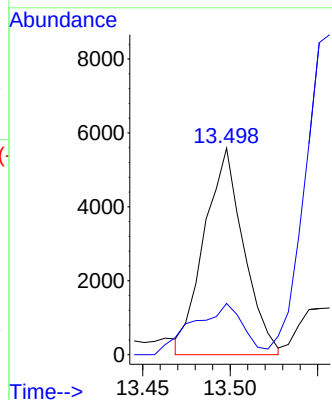
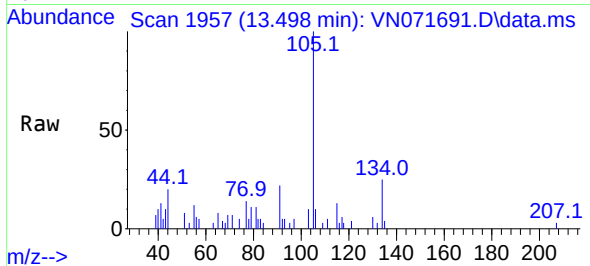
#85
sec-Butylbenzene
Concen: 0.240 ug/l m
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57

Instrument : MSVOA_N
ClientSampleId : SPLP-LEACHATE-AMENDED-COMP-CS-1

Tgt Ion:105 Resp: 8778
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#86
p-Isopropyltoluene
Concen: 2.831 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071691.D
Acq: 31 Mar 2022 04:57

Tgt Ion:119 Resp: 82524
Ion Ratio Lower Upper
119 100
134 26.9 13.3 39.8
91 24.5 11.3 33.9

