

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070433.D
 Acq On : 3 Jan 2022 13:29
 Operator : JC/MD
 Sample : M5212-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 04 01:31:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	950772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1580100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1424381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	543309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	605697	44.308	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.620%		
35) Dibromofluoromethane	8.019	113	424312	44.382	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	88.760%		
50) Toluene-d8	10.440	98	1742406	44.614	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.220%		
62) 4-Bromofluorobenzene	12.728	95	660482	46.823	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.640%		
Target Compounds					Qvalue	
22) Diisopropyl ether	6.501	45	25053	0.586	ug/l #	85
31) Cyclohexane	8.094	56	171245	7.938	ug/l #	90
39) Methylcyclohexane	9.459	83	45917m	2.398	ug/l	
40) Benzene	8.458	78	2369554	48.870	ug/l	99
52) Toluene	10.502	92	28651	0.976	ug/l	98
59) 2-Hexanone	11.089	43	29772	2.010	ug/l	79
67) Ethyl Benzene	11.843	91	2119798	38.281	ug/l	96
68) m/p-Xylenes	11.953	106	15885m	0.788	ug/l	
69) o-Xylene	12.280	106	5246	0.262	ug/l	89
73) Isopropylbenzene	12.578	105	1147380	22.741	ug/l	98
74) N-amyl acetate	12.390	43	15089	0.711	ug/l #	84
78) n-propylbenzene	12.919	91	876035	15.671	ug/l	96
83) tert-Butylbenzene	13.321	119	31199	0.876	ug/l	91
84) 1,2,4-Trimethylbenzene	13.366	105	61039	1.568	ug/l	93
85) sec-Butylbenzene	13.498	105	127867	2.645	ug/l #	38
86) p-Isopropyltoluene	13.613	119	16899m	0.445	ug/l	
87) 1,3-Dichlorobenzene	13.616	146	7269	0.375	ug/l #	76
88) 1,4-Dichlorobenzene	13.694	146	9669	0.505	ug/l #	38
89) n-Butylbenzene	13.940	91	63914	2.018	ug/l #	69

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

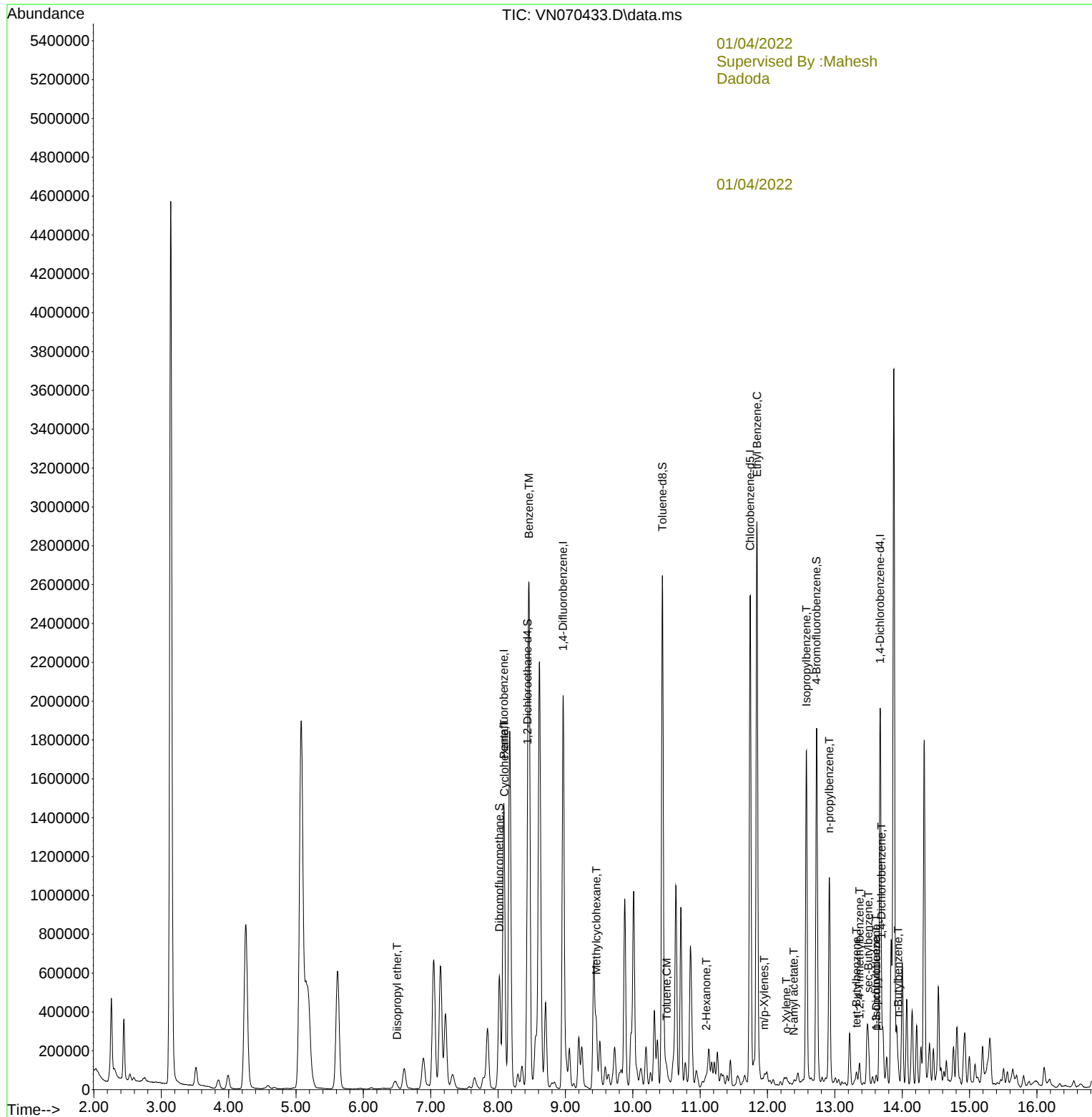
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070433.D
Acq On : 3 Jan 2022 13:29
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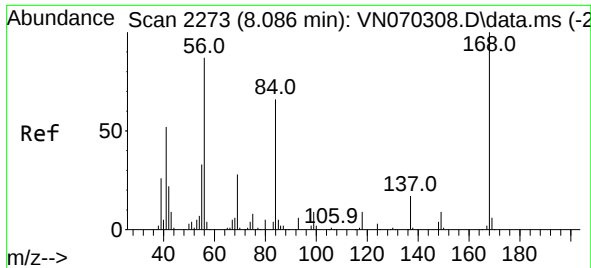
Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 04 01:31:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

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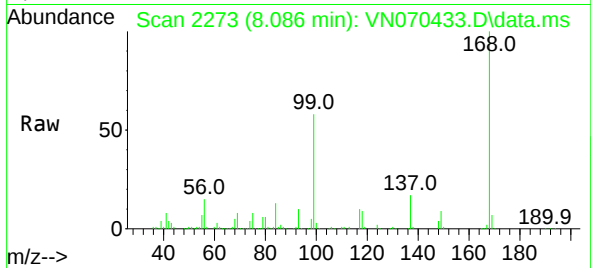
Reviewed By :John
Carlone





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

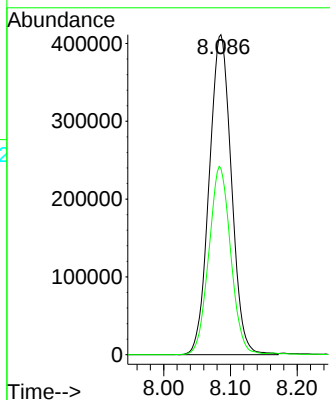
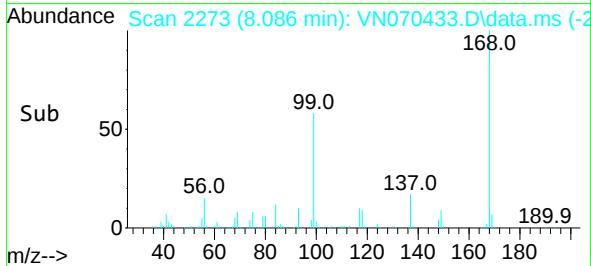
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:168 Resp: 950772
Ion Ratio Lower Upper
168 100
99 58.2 41.3 61.9

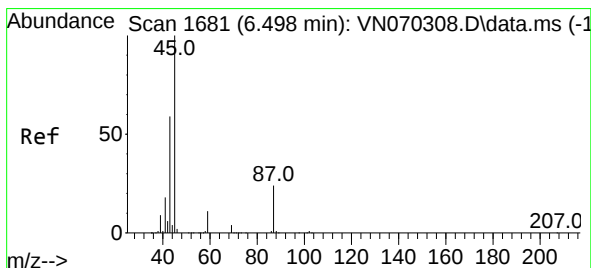
Manual Integrations
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Reviewed By :John
Carlone



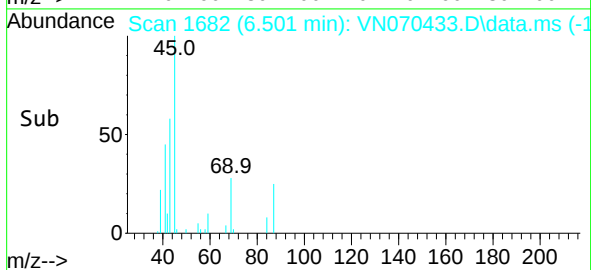
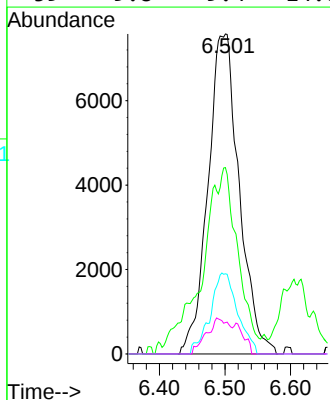
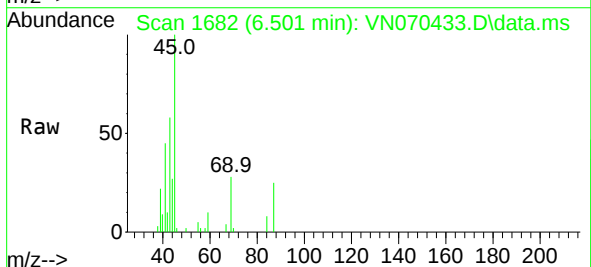
01/04/2022
Supervised By :Mahesh
Dadoda

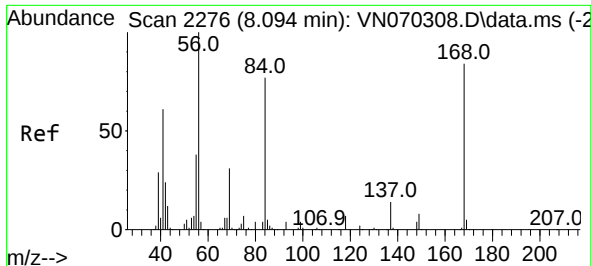
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#22
Diisopropyl ether
Concen: 0.586 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

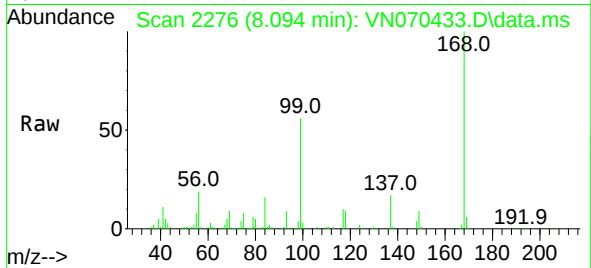
Tgt Ion: 45 Resp: 25053
Ion Ratio Lower Upper
45 100
43 48.6 51.7 77.5#
87 25.1 23.2 34.8
59 9.8 9.4 14.0





#31
Cyclohexane
Concen: 7.938 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

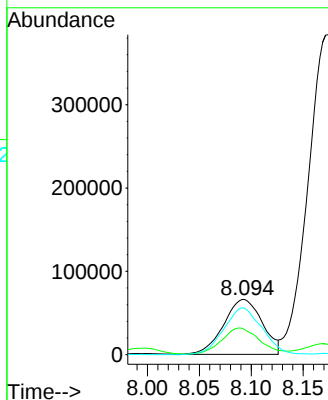
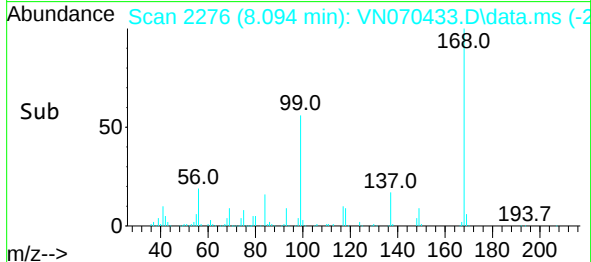
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 56 Resp: 171245
Ion Ratio Lower Upper
56 100
69 43.8 27.1 40.7
84 84.7 73.4 110.0

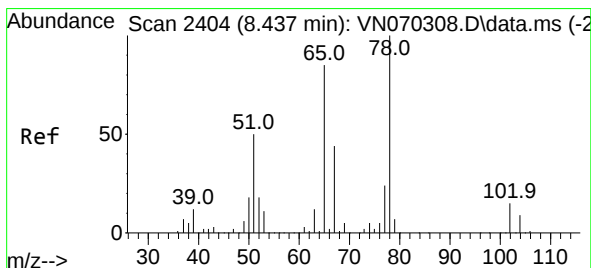
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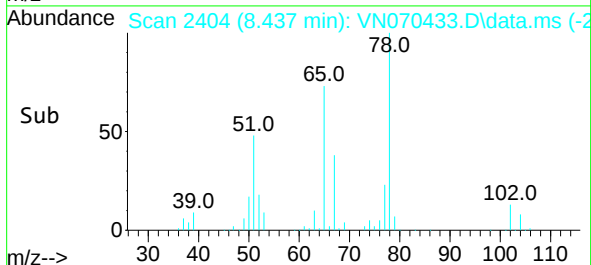
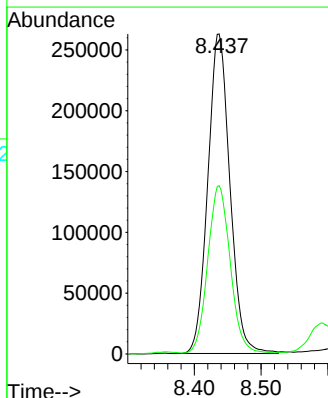
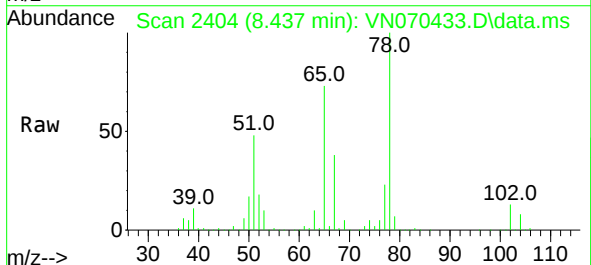
01/04/2022
Supervised By :Mahesh
Dadoda

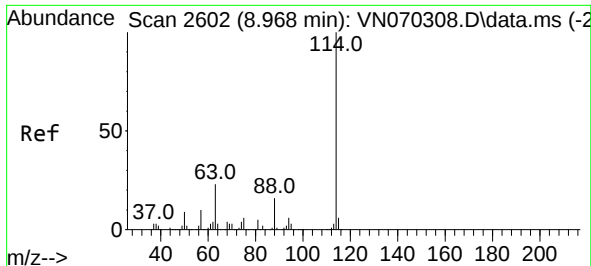
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#33
1,2-Dichloroethane-d4
Concen: 44.308 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

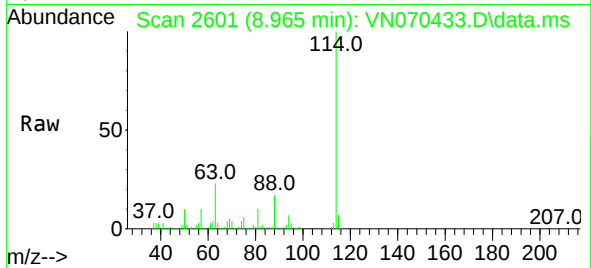
Tgt Ion: 65 Resp: 605697
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

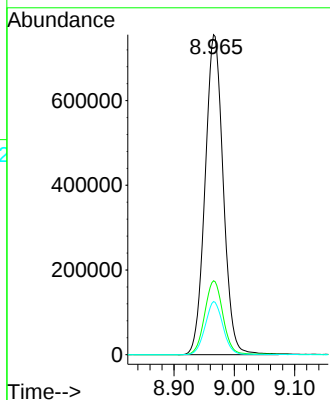
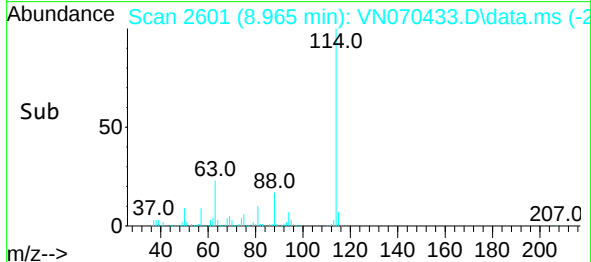
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:114 Resp: 1580100
Ion Ratio Lower Upper
114 100
63 23.1 0.0 37.8
88 16.6 0.0 27.4

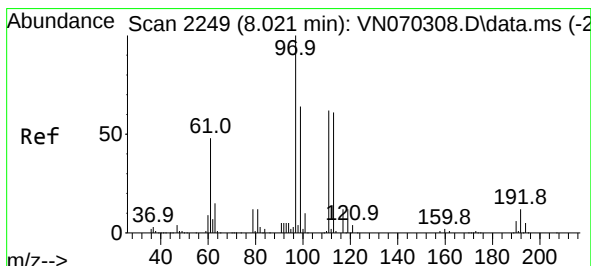
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Reviewed By :John
Carlone



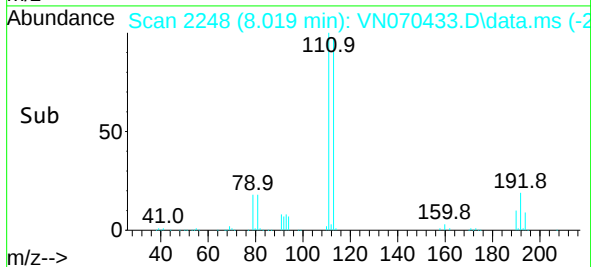
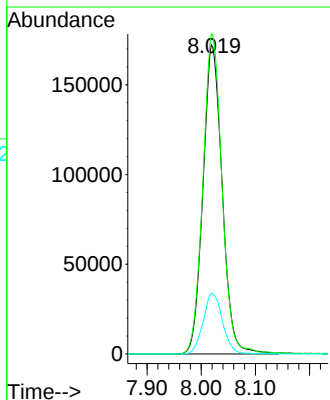
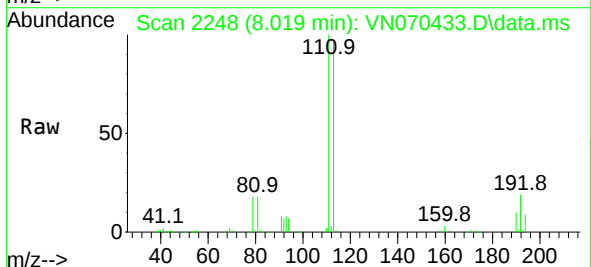
01/04/2022
Supervised By :Mahesh
Dadoda

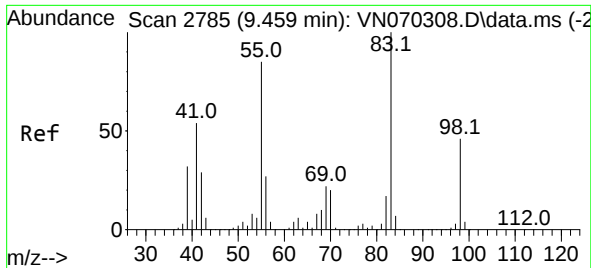
01/04/2022



#35
Dibromofluoromethane
Concen: 44.382 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.002 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

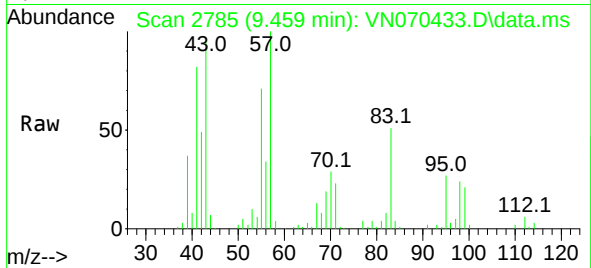
Tgt Ion:113 Resp: 424312
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.8 16.9 25.3





#39
Methylcyclohexane
Concen: 2.398 ug/l m
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

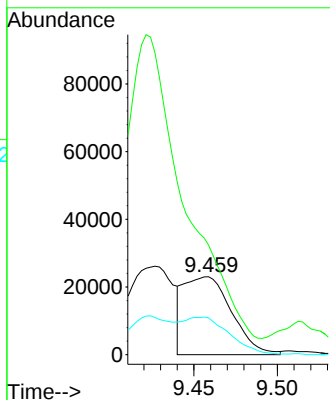
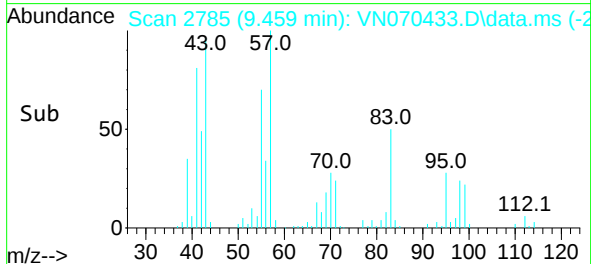
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 83 Resp: 4591
Ion Ratio Lower Upper
83 100
55 140.5 58.1 87.1
98 47.2 38.4 57.6

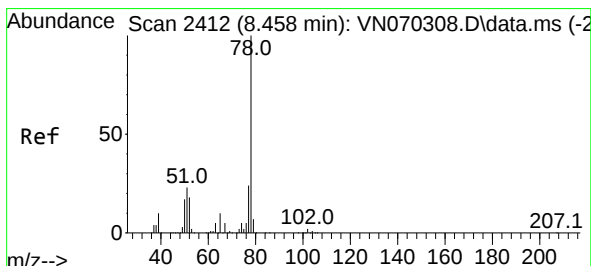
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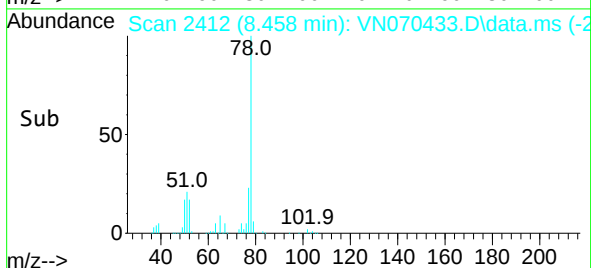
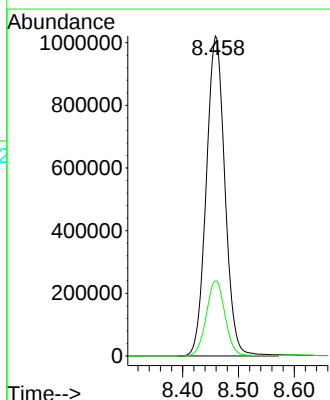
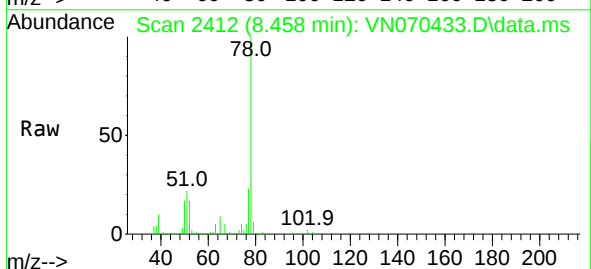
01/04/2022
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Dadoda

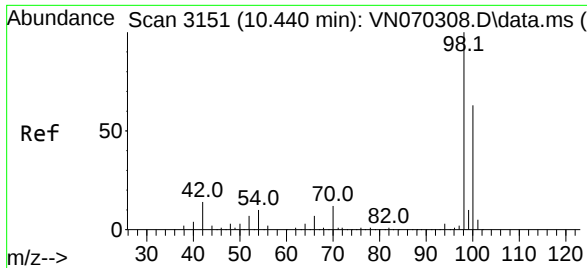
01/04/2022



#40
Benzene
Concen: 48.870 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

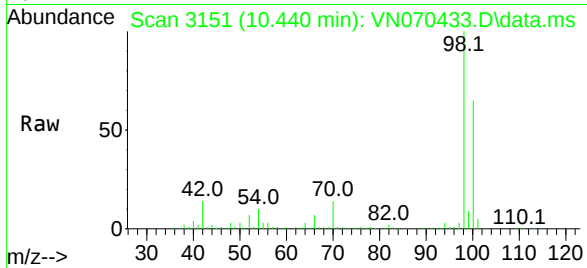
Tgt Ion: 78 Resp: 2369554
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#50
Toluene-d8
Concen: 44.614 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

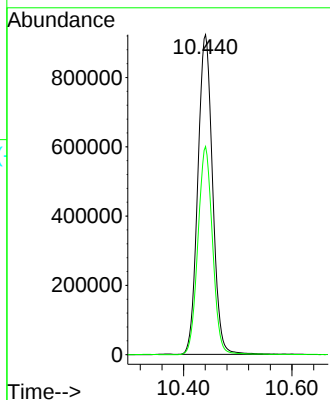
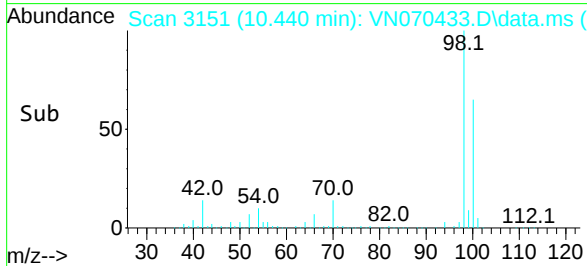
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 98 Resp: 1742400
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

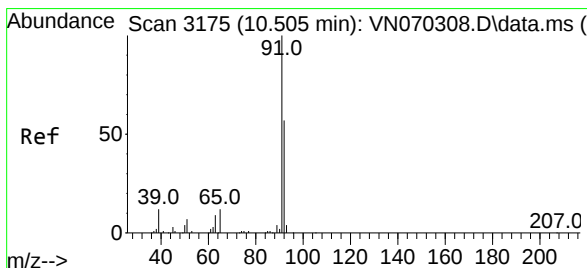
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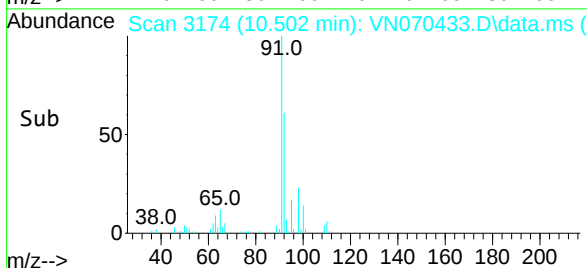
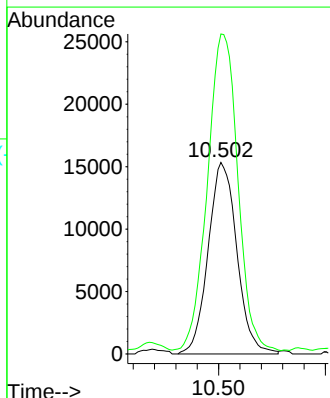
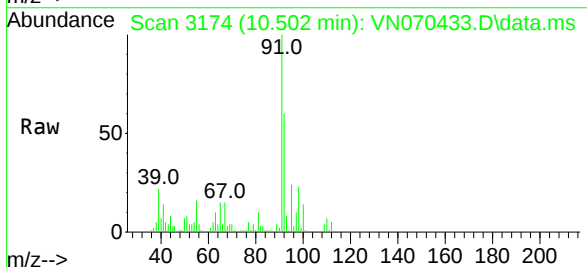
01/04/2022
Supervised By :Mahesh
Dadoda

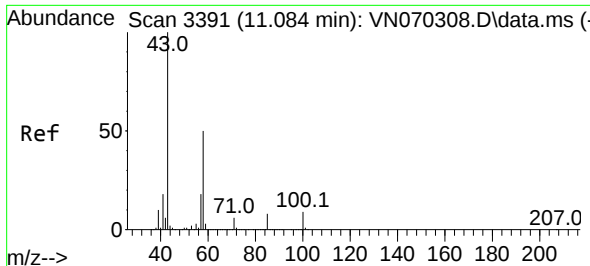
01/04/2022



#52
Toluene
Concen: 0.976 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

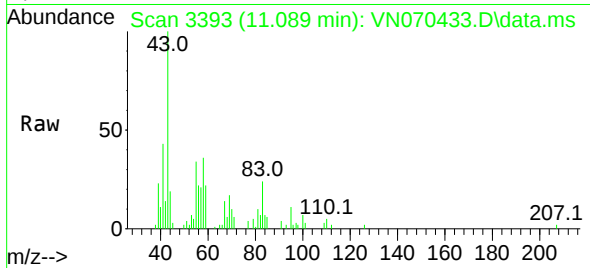
Tgt Ion: 92 Resp: 28651
Ion Ratio Lower Upper
92 100
91 174.5 142.0 213.0





#59
2-Hexanone
Concen: 2.010 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

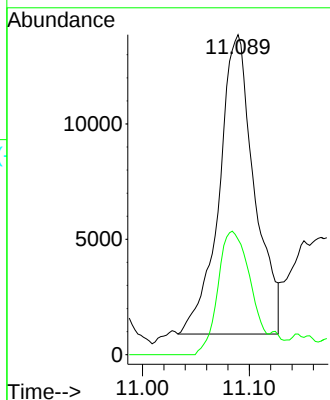
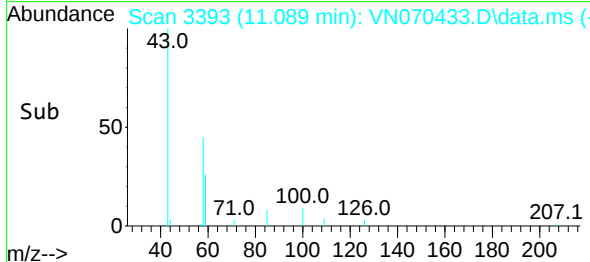
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 43 Resp: 29772
Ion Ratio Lower Upper
43 100
58 38.5 26.9 80.7

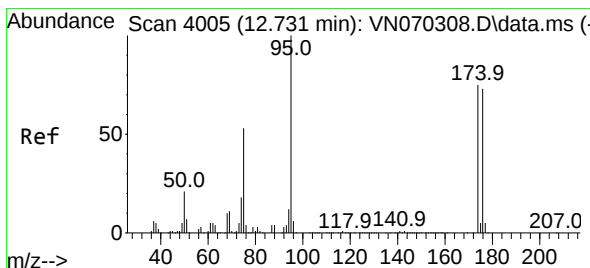
Manual Integrations
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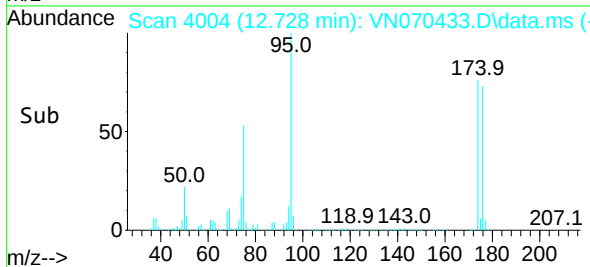
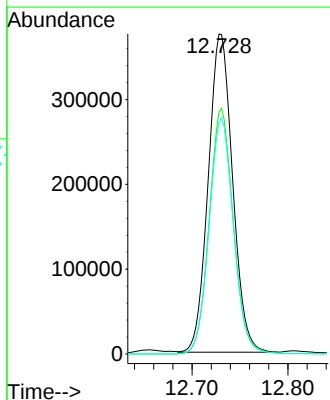
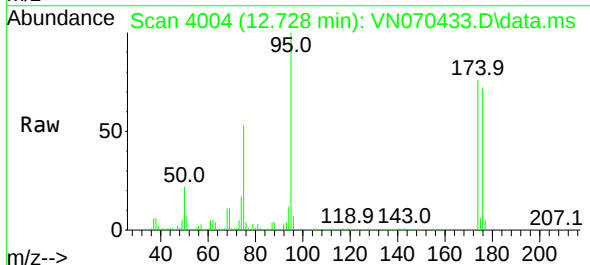
01/04/2022
Supervised By :Mahesh
Dadoda

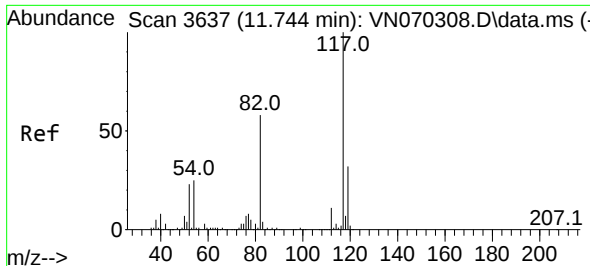
01/04/2022



#62
4-Bromofluorobenzene
Concen: 46.823 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

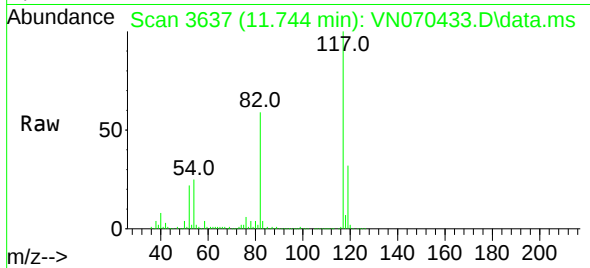
Tgt Ion: 95 Resp: 660482
Ion Ratio Lower Upper
95 100
174 76.6 0.0 187.2
176 74.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

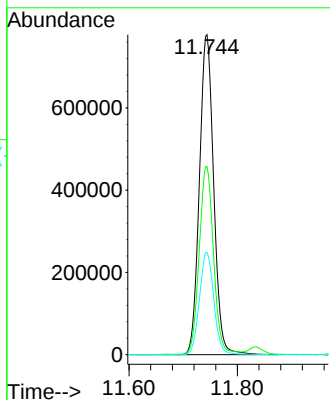
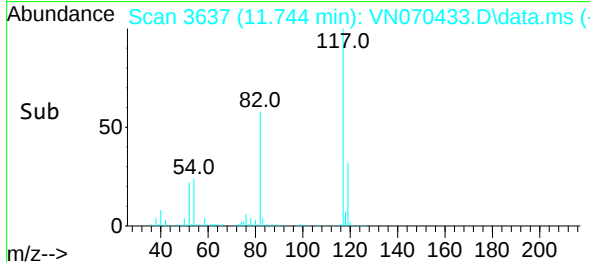
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 117 Resp: 142438
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 31.9 25.4 38.2

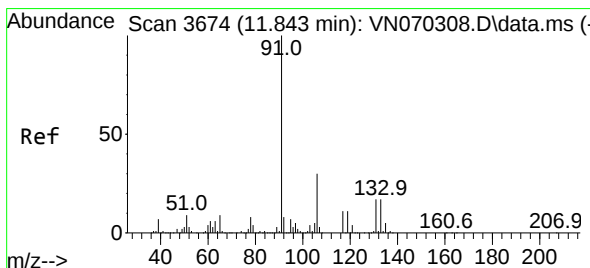
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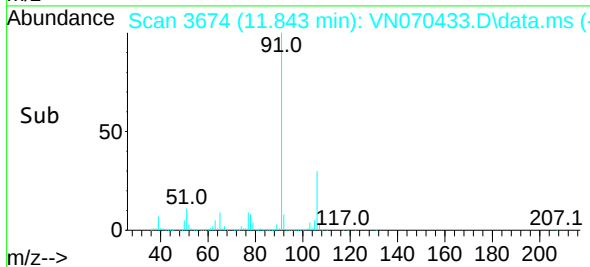
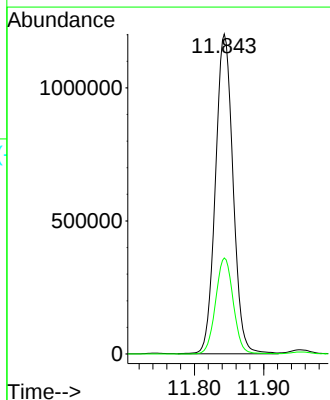
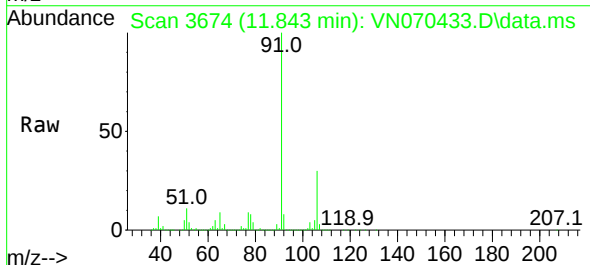
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Supervised By :Mahesh
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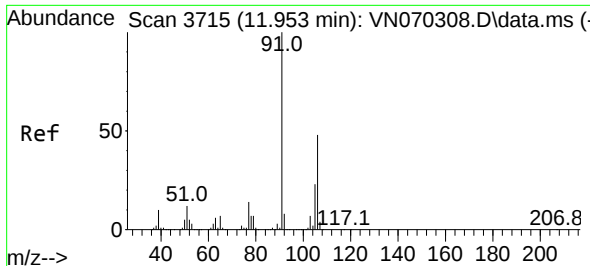
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#67
Ethyl Benzene
Concen: 38.281 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

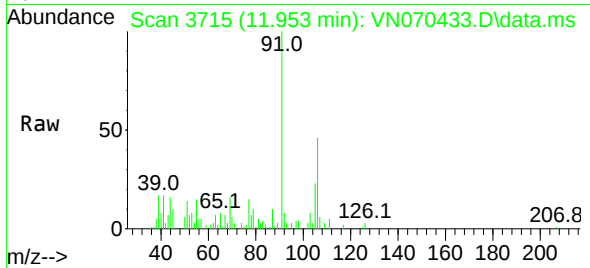
Tgt Ion: 91 Resp: 2119798
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5





#68
m/p-Xylenes
Concen: 0.788 ug/l m
RT: 11.953 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

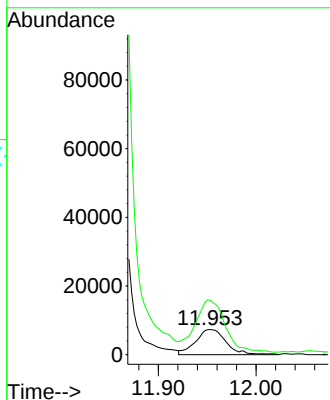
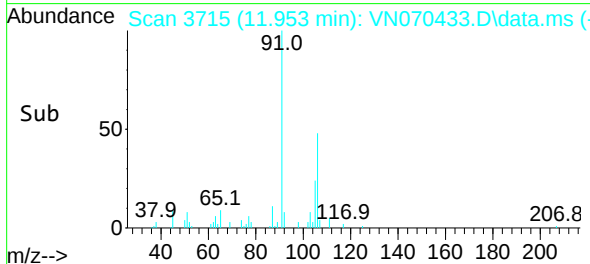
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:106 Resp: 1588
Ion Ratio Lower Upper
106 100
91 0.0 160.6 240.8

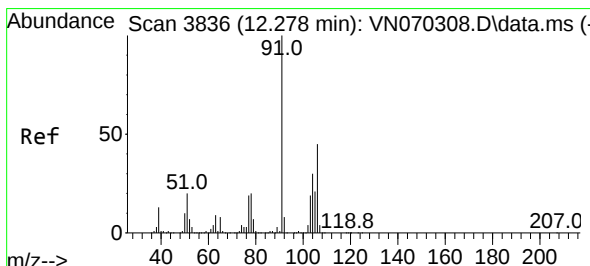
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Reviewed By :John
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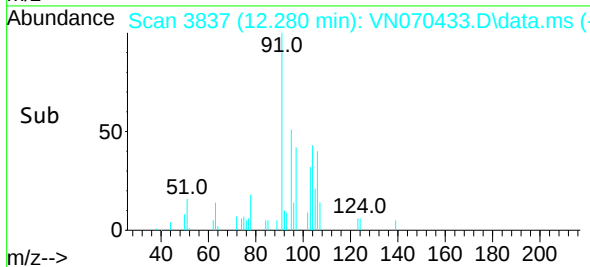
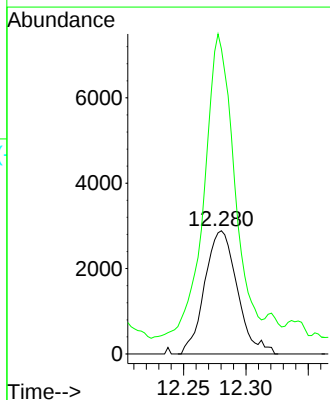
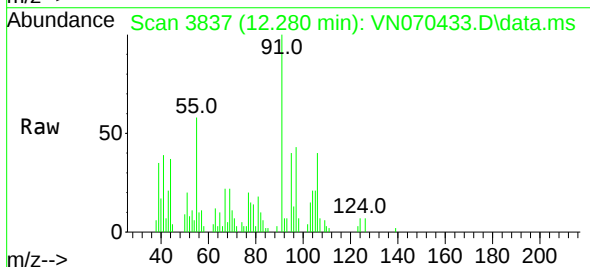
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Supervised By :Mahesh
Dadoda

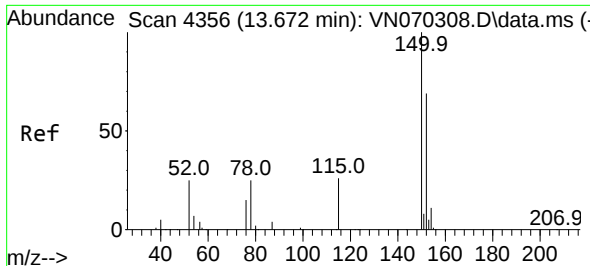
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#69
o-Xylene
Concen: 0.262 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

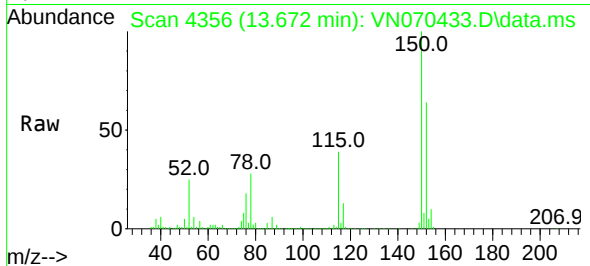
Tgt Ion:106 Resp: 5246
Ion Ratio Lower Upper
106 100
91 229.2 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

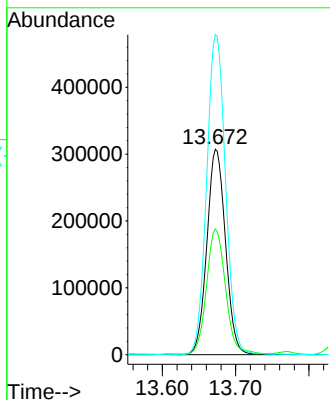
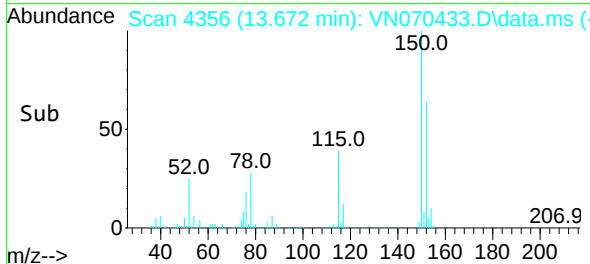
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:152 Resp: 543309
Ion Ratio Lower Upper
152 100
115 61.7 27.5 82.5
150 156.9 0.0 344.4

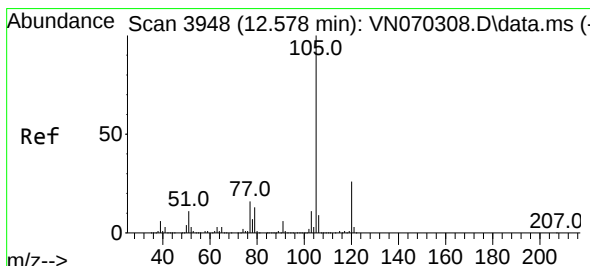
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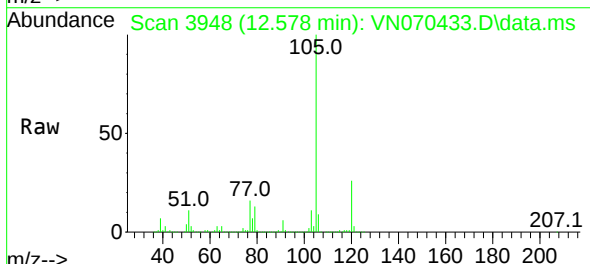


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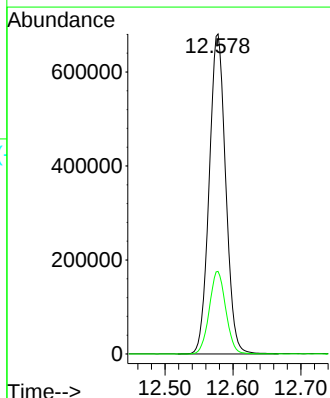
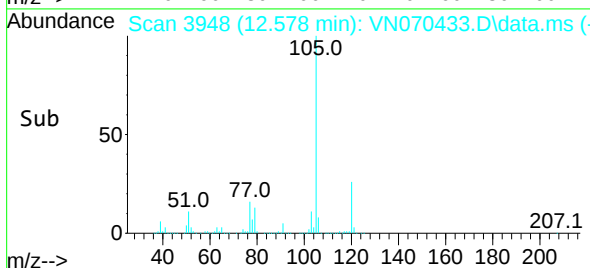
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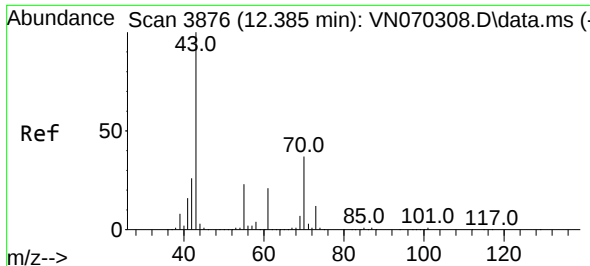


#73
Isopropylbenzene
Concen: 22.741 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29



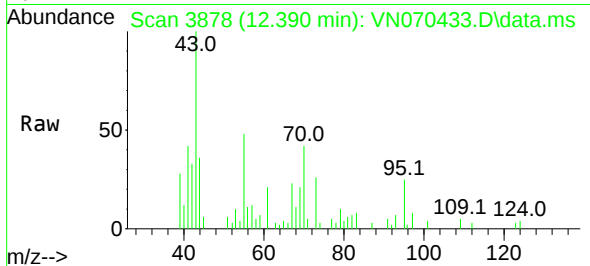
Tgt Ion:105 Resp: 1147380
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1





#74
N-amy1 acetate
Concen: 0.711 ug/l
RT: 12.390 min Scan# 3876
Delta R.T. 0.005 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

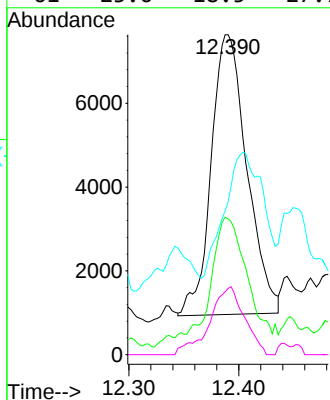
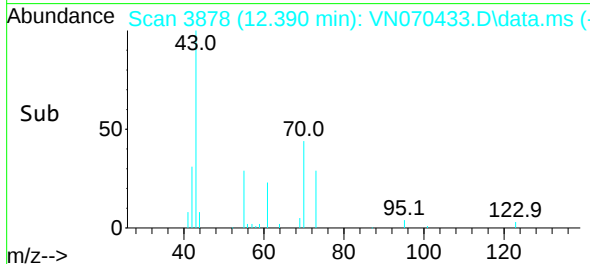
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 43 Resp: 15089
Ion Ratio Lower Upper
43 100
70 43.3 33.4 50.0
55 49.7 19.3 28.9
61 23.6 18.5 27.7

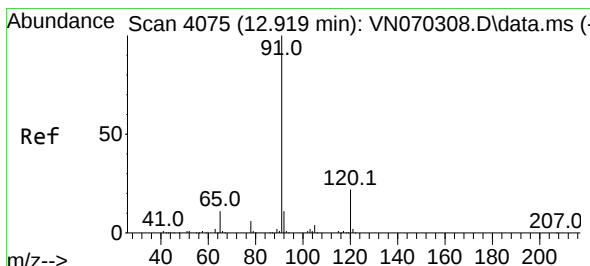
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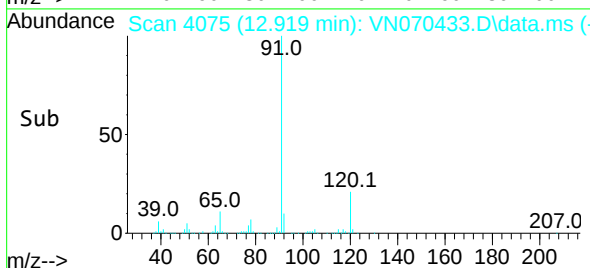
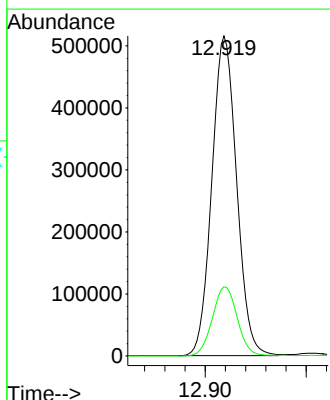
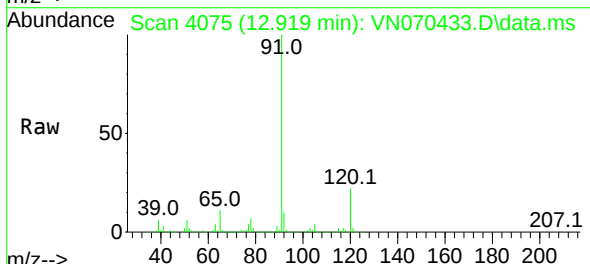
01/04/2022
Supervised By :Mahesh
Dadoda

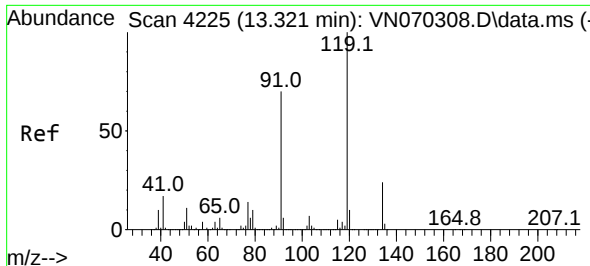
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#78
n-propylbenzene
Concen: 15.671 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

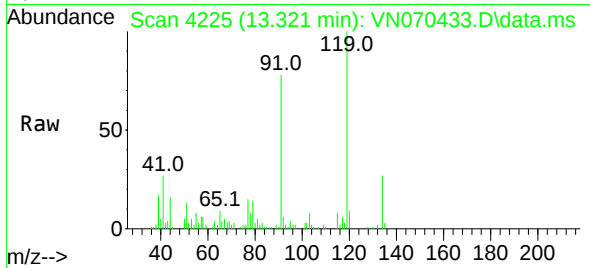
Tgt Ion: 91 Resp: 876035
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





#83
tert-Butylbenzene
Concen: 0.876 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

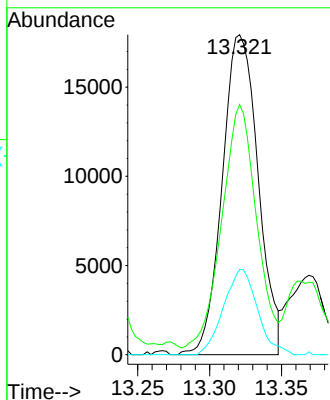
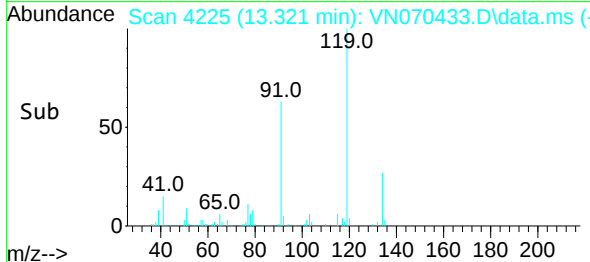
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:119 Resp: 31199
Ion Ratio Lower Upper
119 100
91 72.6 31.5 94.5
134 25.1 12.4 37.4

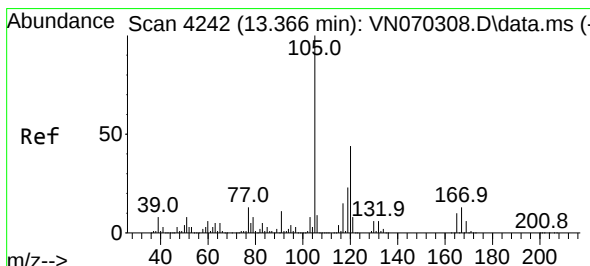
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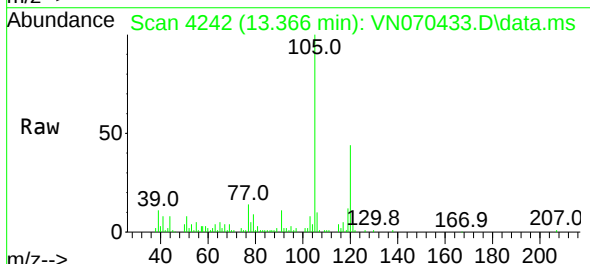


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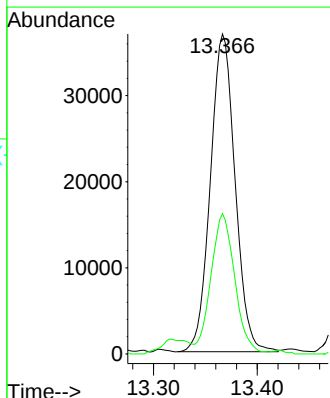
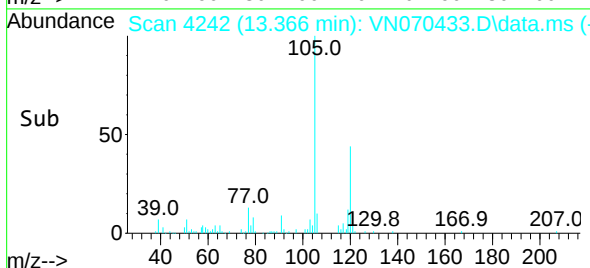
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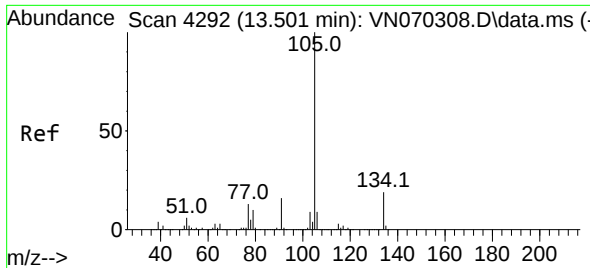


#84
1,2,4-Trimethylbenzene
Concen: 1.568 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29



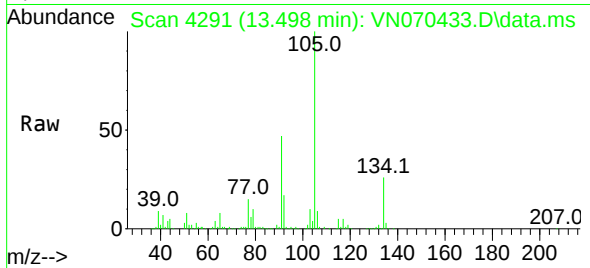
Tgt Ion:105 Resp: 61039
Ion Ratio Lower Upper
105 100
120 41.2 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 2.645 ug/l
 RT: 13.498 min Scan# 4291
 Delta R.T. -0.003 min
 Lab File: VN070433.D
 Acq: 3 Jan 2022 13:29

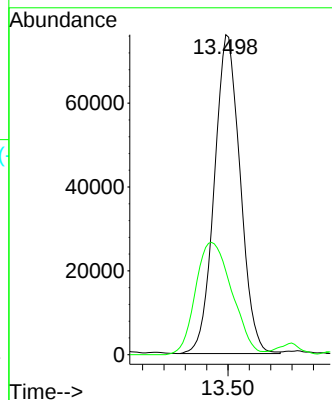
Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:105 Resp: 12786
 Ion Ratio Lower Upper
 105 100
 134 49.6 10.4 31.1#

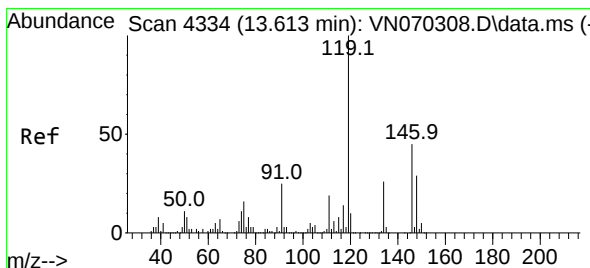
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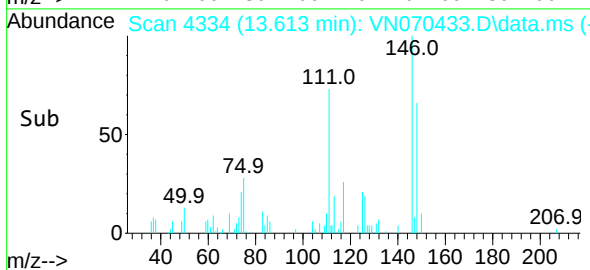
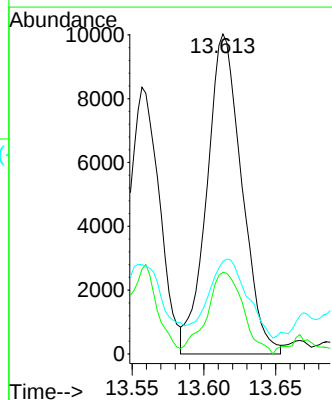
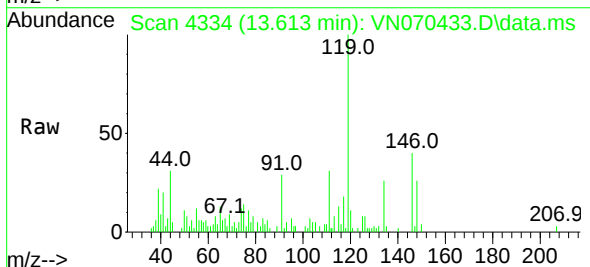
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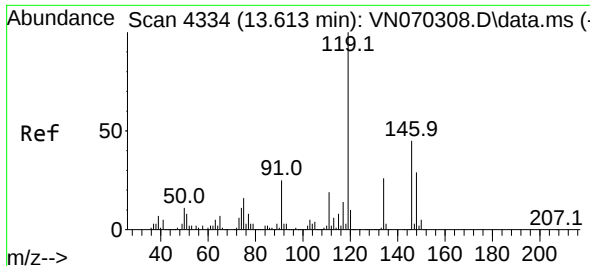
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#86
 p-Isopropyltoluene
 Concen: 0.445 ug/l m
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070433.D
 Acq: 3 Jan 2022 13:29

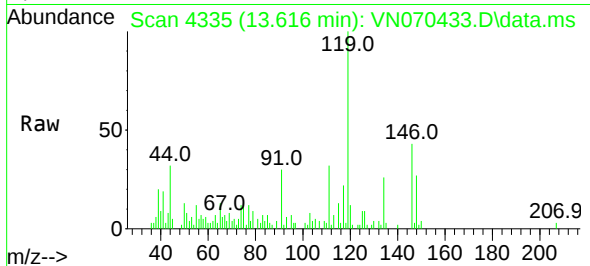
Tgt Ion:119 Resp: 16899
 Ion Ratio Lower Upper
 119 100
 134 129.1 13.6 40.7#
 91 108.5 11.4 34.1#





#87
1,3-Dichlorobenzene
Concen: 0.375 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

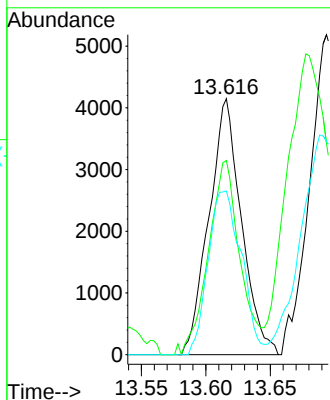
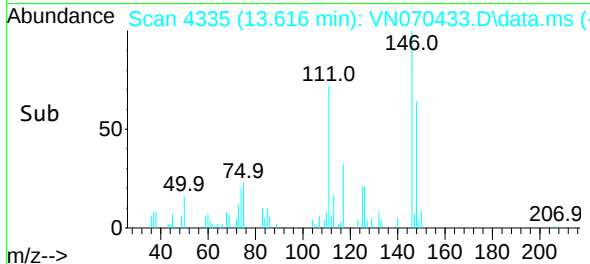
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:146 Resp: 7269
Ion Ratio Lower Upper
146 100
111 73.2 18.6 55.6
148 65.6 31.6 95.0

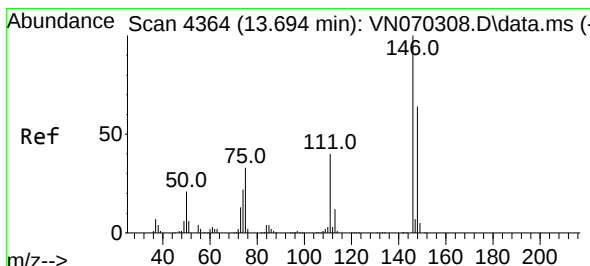
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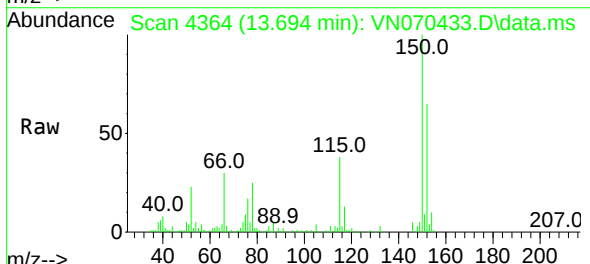


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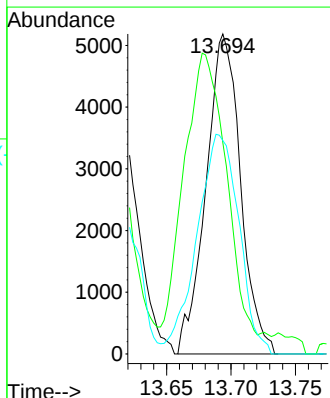
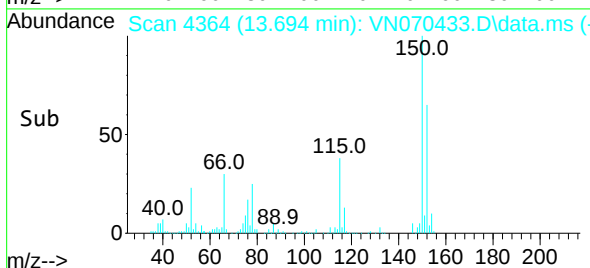
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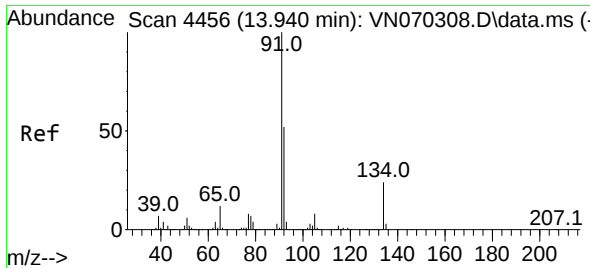


#88
1,4-Dichlorobenzene
Concen: 0.505 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29



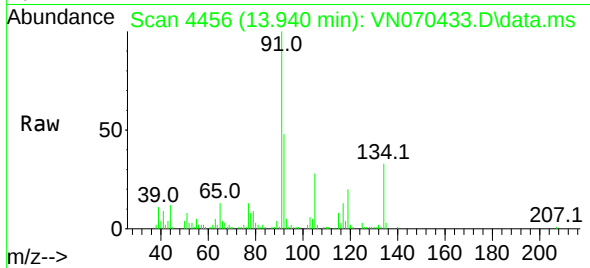
Tgt Ion:146 Resp: 9669
Ion Ratio Lower Upper
146 100
111 110.3 18.3 54.8#
148 83.3 31.8 95.4





#89
 n-Butylbenzene
 Concen: 2.018 ug/l
 RT: 13.940 min Scan# 4456
 Delta R.T. 0.000 min
 Lab File: VN070433.D
 Acq: 3 Jan 2022 13:29

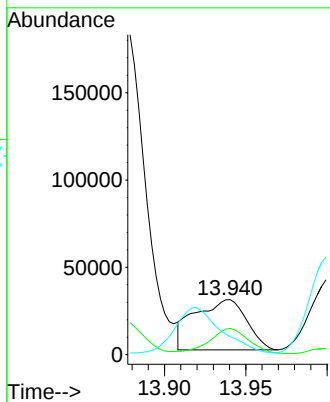
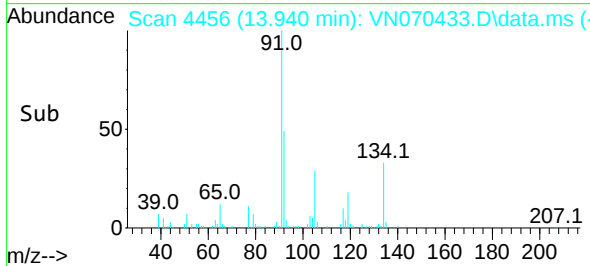
Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 91 Resp: 63914
 Ion Ratio Lower Upper
 91 100
 92 37.2 25.4 76.0
 134 0.0 13.6 40.8

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 Dadoda

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