

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069754.D
 Acq On : 4 Dec 2021 7:20
 Operator : JC/MD
 Sample : M4919-04MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FDR-MW-4-20211202MS

Quant Time: Dec 04 08:26:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1067951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1802878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1684242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	725949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	833395	50.542	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.080%			
35) Dibromofluoromethane	8.021	113	569588	50.438	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.880%			
50) Toluene-d8	10.440	98	2248913	49.596	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.200%			
62) 4-Bromofluorobenzene	12.731	95	820120	49.924	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	645161	51.795	ug/l	99
3) Chloromethane	2.306	50	823133	52.748	ug/l	99
4) Vinyl Chloride	2.448	62	712988	49.689	ug/l #	1
5) Bromomethane	2.856	94	344076	44.138	ug/l	99
6) Chloroethane	3.022	64	601666	68.427	ug/l	92
7) Trichlorofluoromethane	3.379	101	922033	48.960	ug/l	98
8) Diethyl Ether	3.824	74	372202	51.316	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	523941	49.632	ug/l	96
10) Methyl Iodide	4.422	142	695925	48.256	ug/l	97
11) Tert butyl alcohol	5.371	59	579993	186.083	ug/l	100
12) 1,1-Dichloroethene	4.181	96	511830	50.314	ug/l	89
13) Acrolein	4.041	56	494585	186.335	ug/l	100
14) Allyl chloride	4.843	41	1042575	45.482	ug/l #	93
15) Acrylonitrile	5.554	53	1938130	230.763	ug/l	99
16) Acetone	4.285	43	1778104	179.263	ug/l	96
17) Carbon Disulfide	4.529	76	1451162	55.217	ug/l	99
18) Methyl Acetate	4.854	43	1267312	42.329	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	2013516	50.905	ug/l	96
20) Methylene Chloride	5.093	84	631420	47.885	ug/l #	85
21) trans-1,2-Dichloroethene	5.599	96	554759	50.209	ug/l	87
22) Diisopropyl ether	6.498	45	2330301	52.011	ug/l	94
23) Vinyl Acetate	6.434	43	8928234	244.941	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1193559	51.427	ug/l	98
25) 2-Butanone	7.335	43	2804132	208.068	ug/l	91
26) 2,2-Dichloropropane	7.327	77	747757	41.438	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	668709	50.093	ug/l	88
28) Bromochloromethane	7.656	49	621379	51.486	ug/l #	78
29) Tetrahydrofuran	7.683	42	1861784	227.503	ug/l	88
30) Chloroform	7.817	83	1184443	50.532	ug/l	99
31) Cyclohexane	8.094	56	1111865	48.453	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	1019433	51.059	ug/l	95
36) 1,1-Dichloropropene	8.220	75	868172	50.584	ug/l	96
37) Ethyl Acetate	7.412	43	1094906	42.862	ug/l	95
38) Carbon Tetrachloride	8.206	117	848101	50.391	ug/l	99
39) Methylcyclohexane	9.459	83	1015679	49.752	ug/l	89
40) Benzene	8.461	78	2608715	49.727	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	583151	48.630	ug/l	90
42) 1,2-Dichloroethane	8.531	62	1052600	49.705	ug/l	97
43) Isopropyl Acetate	8.560	43	1788951	47.324	ug/l #	93
44) Trichloroethene	9.215	130	629680	50.289	ug/l	92
45) 1,2-Dichloropropane	9.488	63	707070	50.191	ug/l	100
46) Dibromomethane	9.577	93	464233	50.247	ug/l	93
47) Bromodichloromethane	9.762	83	906357	51.813	ug/l	100
48) Methyl methacrylate	9.558	41	864428	49.000	ug/l	89
49) 1,4-Dioxane	9.569	88	244026	770.920	ug/l #	81
51) 4-Methyl-2-Pentanone	10.330	43	5909925	240.993	ug/l	95
52) Toluene	10.505	92	1609908	50.266	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	941716	45.046	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1006698	45.762	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	642891	49.750	ug/l	97
56) Ethyl methacrylate	10.760	69	1107735	45.639	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1132659	49.779	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.068	63	1020	18.532	ug/l #	45
59) 2-Hexanone	11.084	43	4222382	227.609	ug/l	93
60) Dibromochloromethane	11.237	129	656840	47.561	ug/l	99
61) 1,2-Dibromoethane	11.344	107	671163	50.144	ug/l	99
64) Tetrachloroethene	10.977	164	531374	46.529	ug/l	96
65) Chlorobenzene	11.768	112	1694011	49.579	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	616560	51.268	ug/l	99
67) Ethyl Benzene	11.843	91	3167856	51.040	ug/l	96
68) m/p-Xylenes	11.953	106	2324325	102.852	ug/l	92
69) o-Xylene	12.280	106	1158091	50.876	ug/l	91
70) Styrene	12.294	104	1881289	52.120	ug/l	96
71) Bromoform	12.457	173	470322	45.958	ug/l #	100
73) Isopropylbenzene	12.578	105	3057995	47.345	ug/l	98
74) N-amyl acetate	12.387	43	1316801	46.100	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1028917	46.067	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	794173m	38.147	ug/l	
77) Bromobenzene	12.860	156	698694	46.054	ug/l	79
78) n-propylbenzene	12.919	91	3470118	48.281	ug/l	96
79) 2-Chlorotoluene	13.007	91	2134600	47.002	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2494446	47.982	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	223750	36.380	ug/l	94
82) 4-Chlorotoluene	13.104	91	2057716	48.179	ug/l	93
83) tert-Butylbenzene	13.323	119	2155750	46.831	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	2432246	49.126	ug/l	97
85) sec-Butylbenzene	13.500	105	2986758	47.835	ug/l	98
86) p-Isopropyltoluene	13.616	119	2399825	49.171	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1202680	48.255	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1159452	47.338	ug/l	97
89) n-Butylbenzene	13.943	91	1963425	49.593	ug/l	98
90) Hexachloroethane	14.211	117	396223	46.240	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1174247	48.354	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	192375	47.665	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	553433	46.669	ug/l	98
94) Hexachlorobutadiene	15.370	225	290910	45.201	ug/l	98
95) Naphthalene	15.504	128	1667734	47.247	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	552506	47.715	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

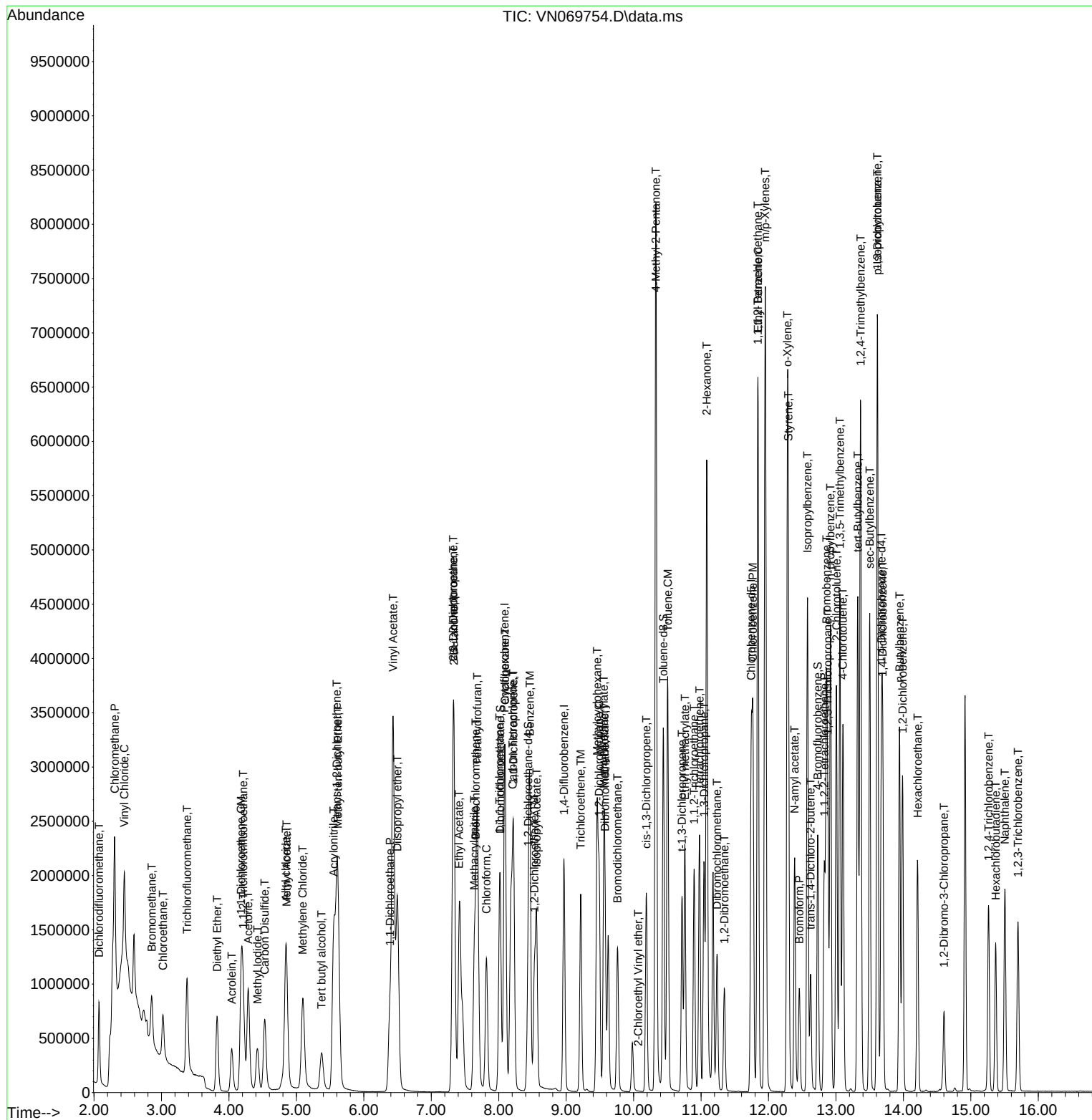
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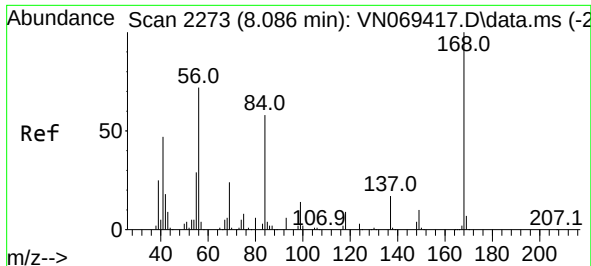
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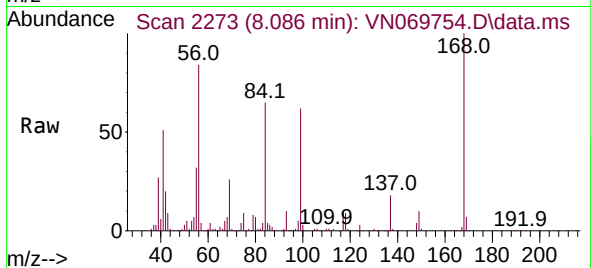
Reviewed By : John Carlone 12/04/2021
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN069754.D
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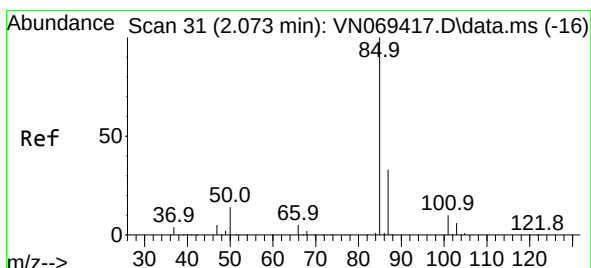
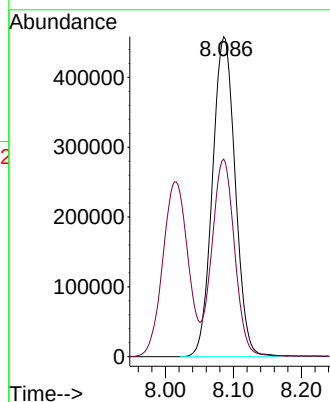
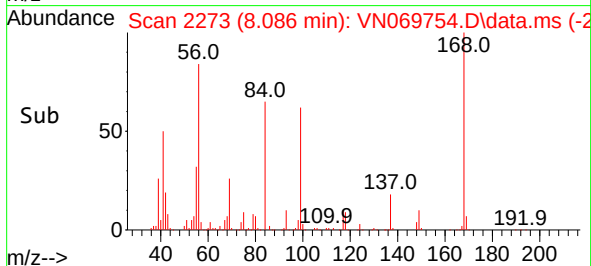
Instrument :
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Tgt Ion:168 Resp: 106795
Ion Ratio Lower Upper
168 100
99 61.5 41.3 61.9

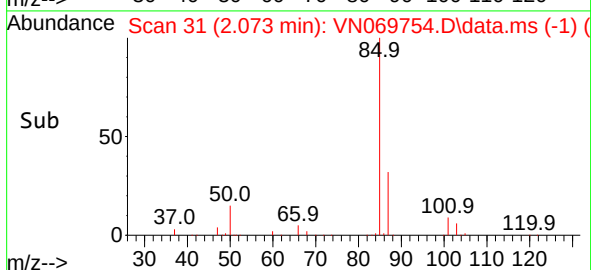
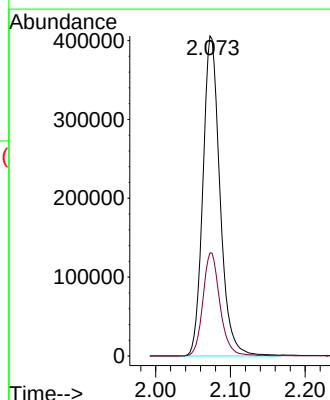
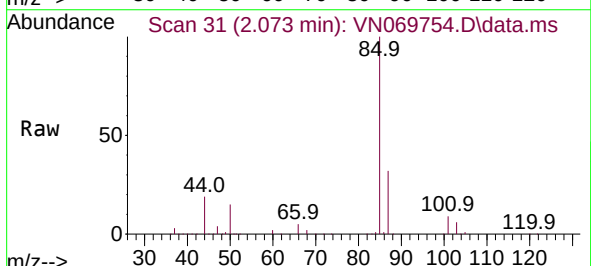
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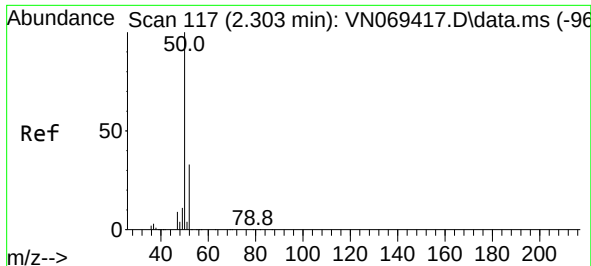
Reviewed By :John Carlone 12/04/2021
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#2
Dichlorodifluoromethane
Concen: 51.795 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

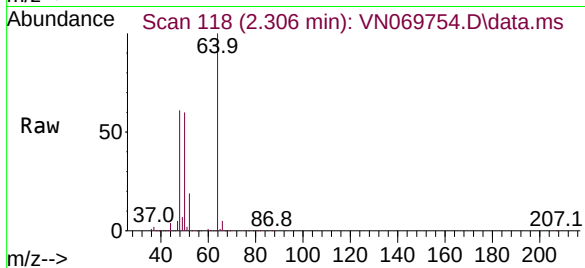
Tgt Ion: 85 Resp: 645161
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.9





#3
Chloromethane
Concen: 52.748 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

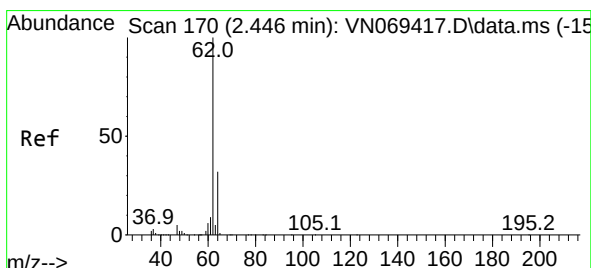
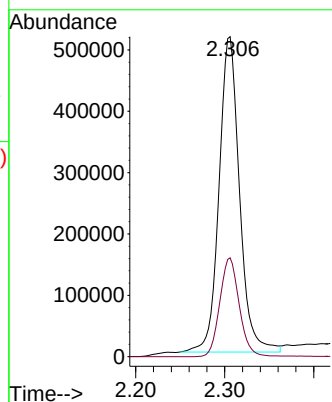
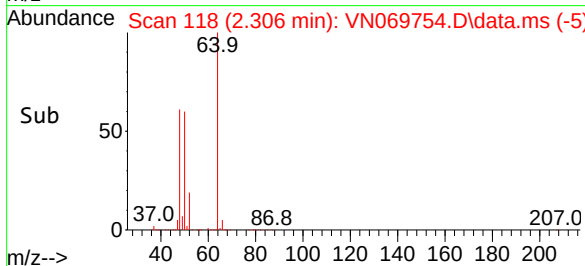
Instrument :
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Tgt Ion: 50 Resp: 82313
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.0

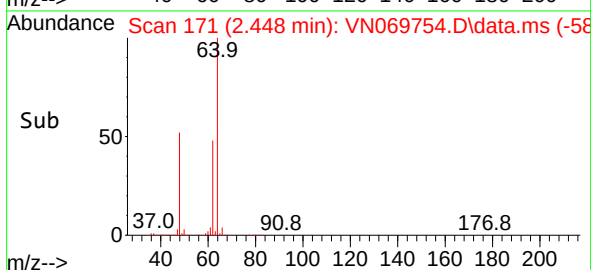
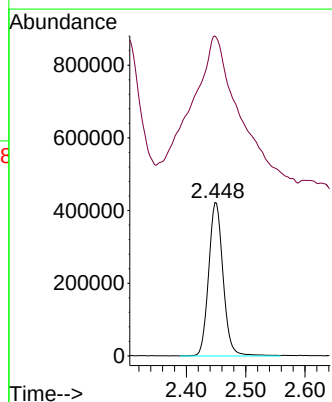
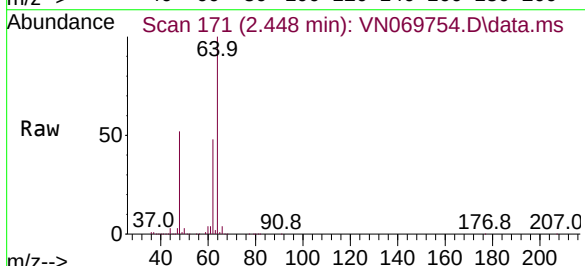
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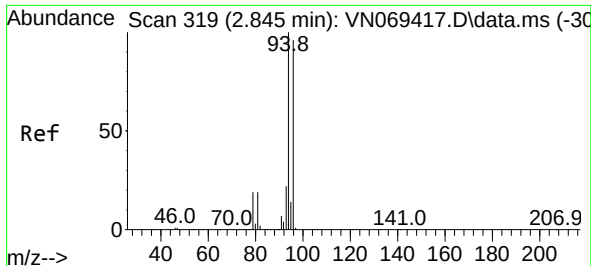
Reviewed By :John Carlone 12/04/2021
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#4
Vinyl Chloride
Concen: 49.689 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

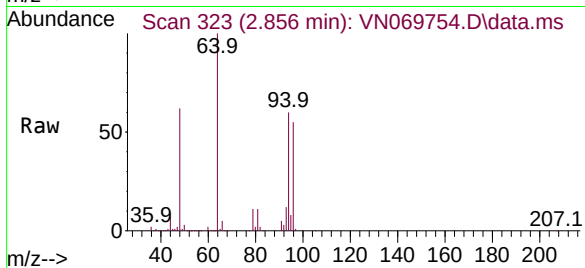
Tgt Ion: 62 Resp: 712988
Ion Ratio Lower Upper
62 100
64 88.6 25.8 38.6#





#5
Bromomethane
Concen: 44.138 ug/l
RT: 2.856 min Scan# 319
Delta R.T. 0.019 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

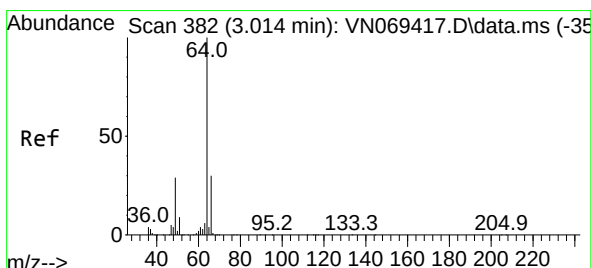
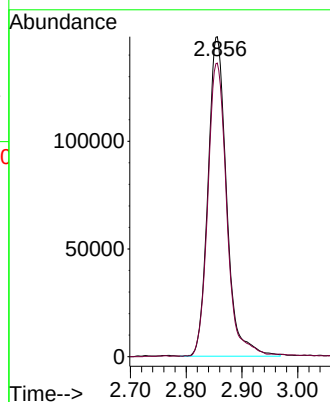
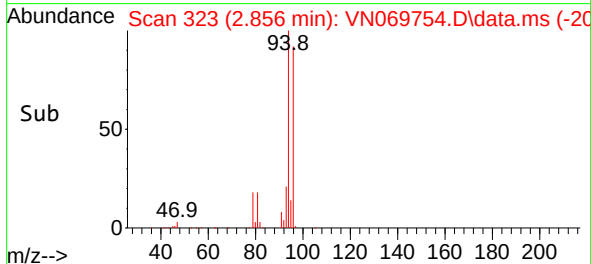
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Tgt Ion: 94 Resp: 344070
Ion Ratio Lower Upper
94 100
96 91.7 73.8 110.8

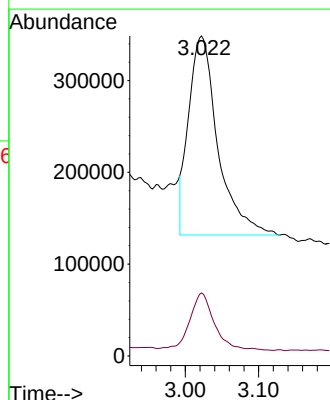
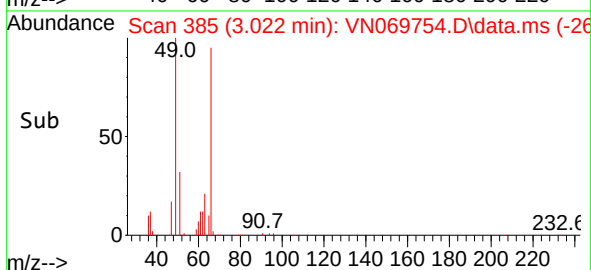
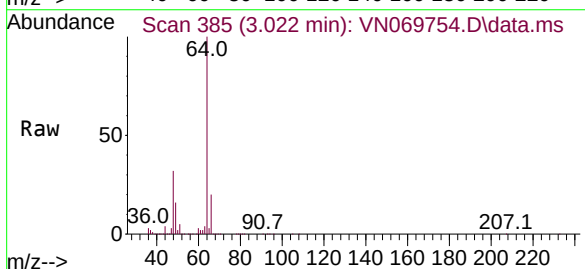
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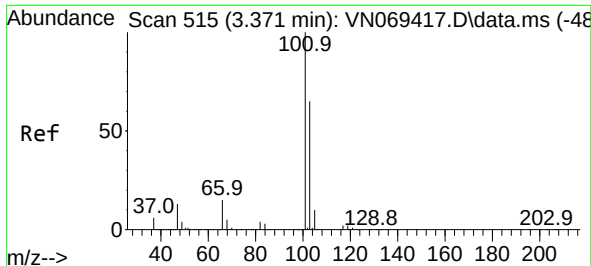
Reviewed By :John Carlone 12/04/2021
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#6
Chloroethane
Concen: 68.427 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.013 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

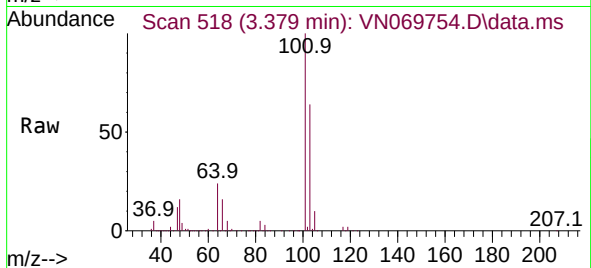
Tgt Ion: 64 Resp: 601666
Ion Ratio Lower Upper
64 100
66 28.5 26.3 39.5





#7
Trichlorofluoromethane
Concen: 48.960 ug/l
RT: 3.379 min Scan# 515
Delta R.T. 0.011 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

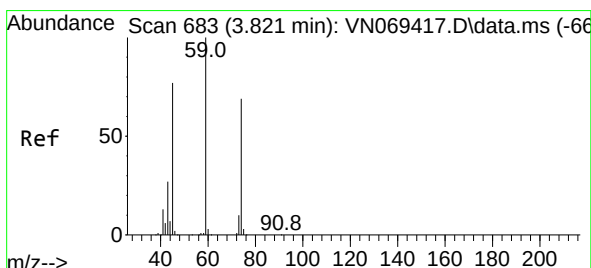
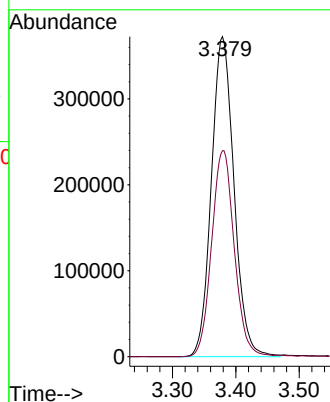
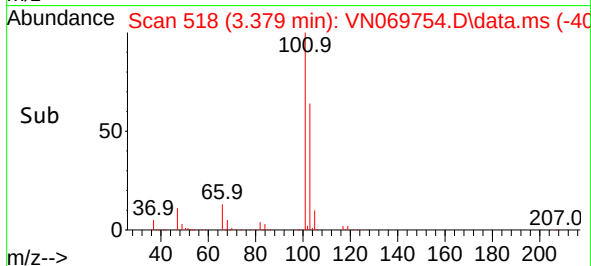
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Tgt Ion:101 Resp: 922033
Ion Ratio Lower Upper
101 100
103 64.4 50.1 75.1

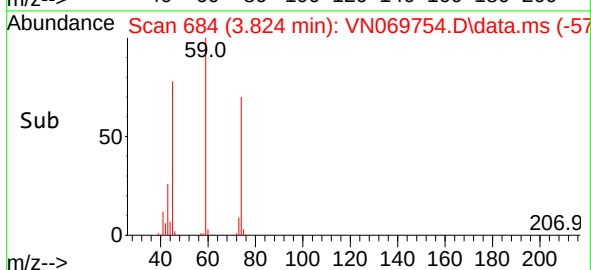
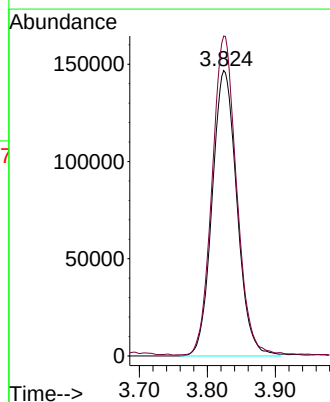
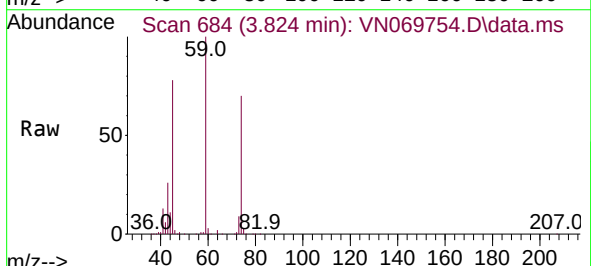
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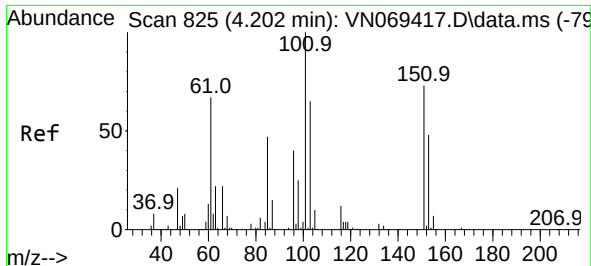
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#8
Diethyl Ether
Concen: 51.316 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

Tgt Ion: 74 Resp: 372202
Ion Ratio Lower Upper
74 100
45 110.2 47.0 141.2





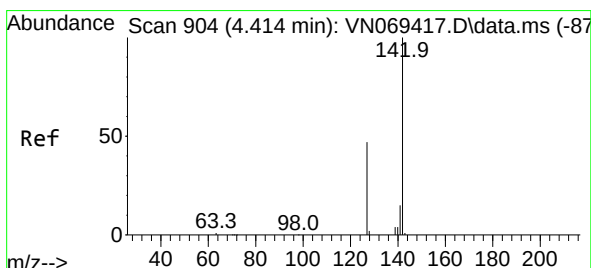
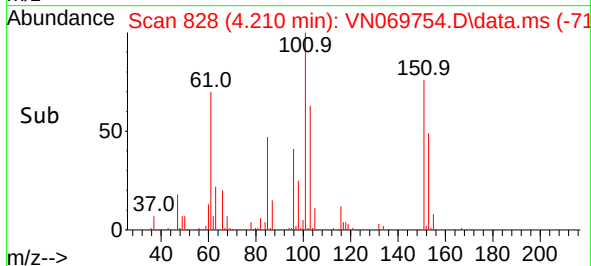
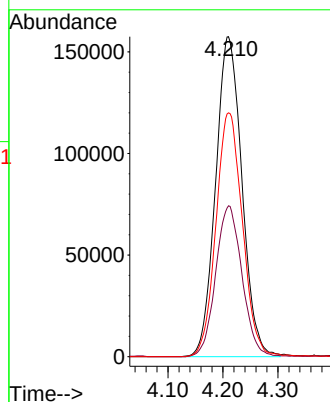
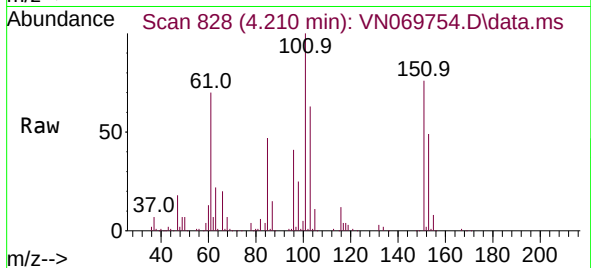
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.632 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS

Tgt Ion:101 Resp: 52394
Ion Ratio Lower Upper
101 100
85 47.1 37.2 55.8
151 76.7 65.9 98.9

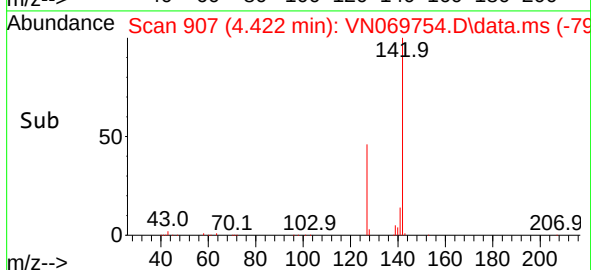
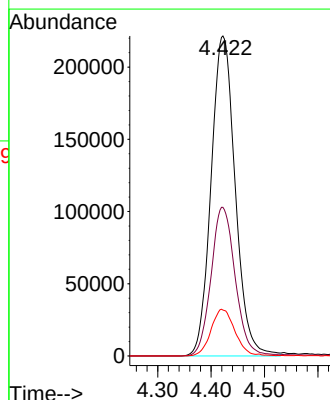
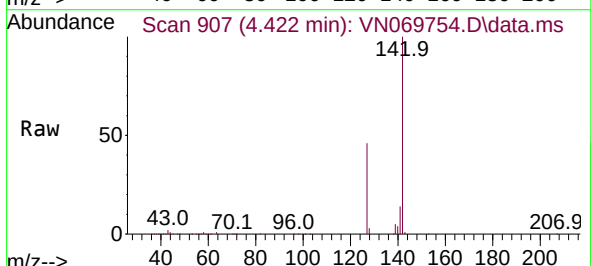
Manual Integrations
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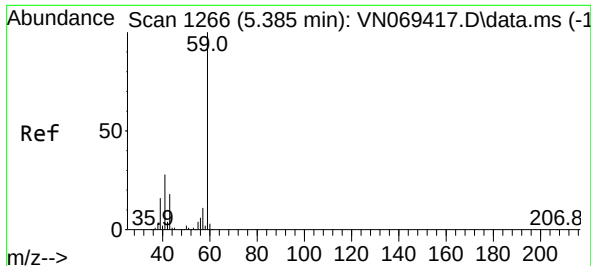
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#10
Methyl Iodide
Concen: 48.256 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

Tgt Ion:142 Resp: 695925
Ion Ratio Lower Upper
142 100
127 46.4 35.4 53.0
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 186.083 ug/l

RT: 5.371 min Scan# 11

Delta R.T. -0.019 min

Lab File: VN069754.D

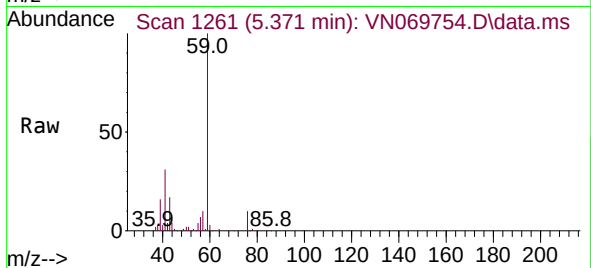
Acq: 4 Dec 2021 7:20

Instrument :

MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MS



Tgt Ion: 59 Resp: 57999

Ion Ratio Lower Upper

59 100

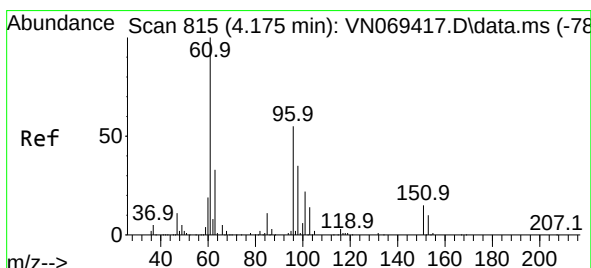
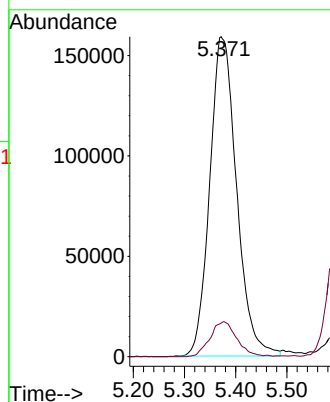
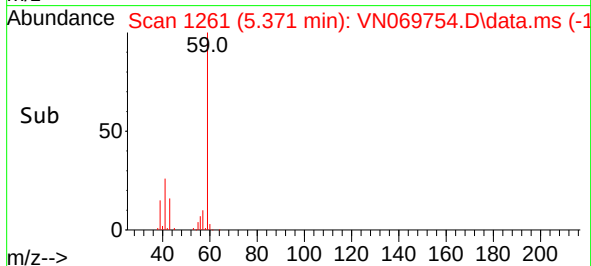
57 10.9 8.7 13.1

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APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#12

1,1-Dichloroethene

Concen: 50.314 ug/l

RT: 4.181 min Scan# 817

Delta R.T. 0.005 min

Lab File: VN069754.D

Acq: 4 Dec 2021 7:20

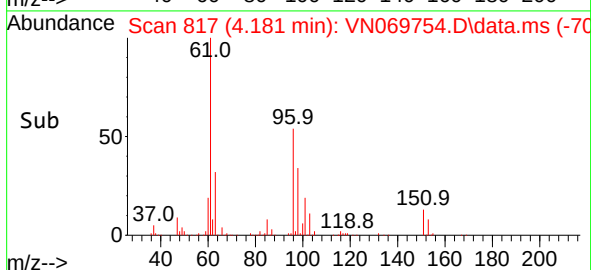
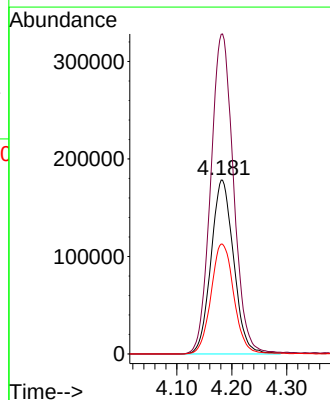
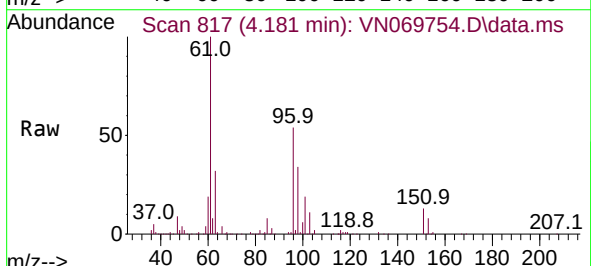
Tgt Ion: 96 Resp: 511830

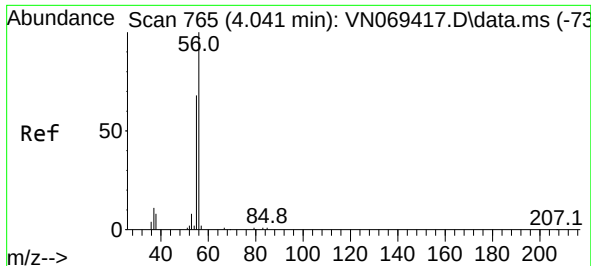
Ion Ratio Lower Upper

96 100

61 183.7 131.0 196.6

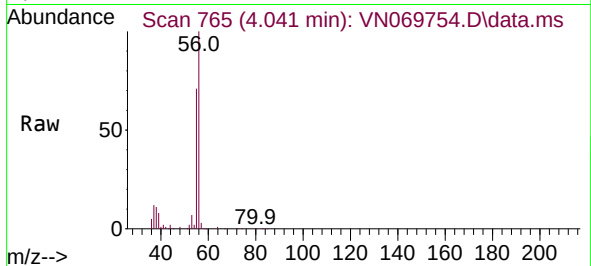
98 63.2 52.4 78.6





#13
Acrolein
Concen: 186.335 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

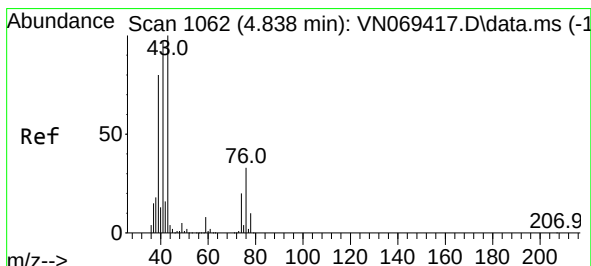
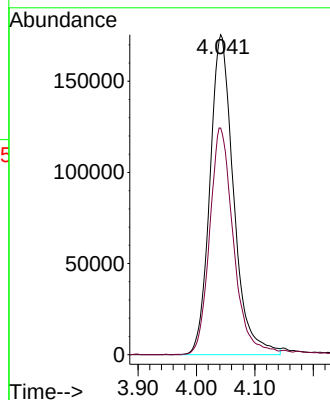
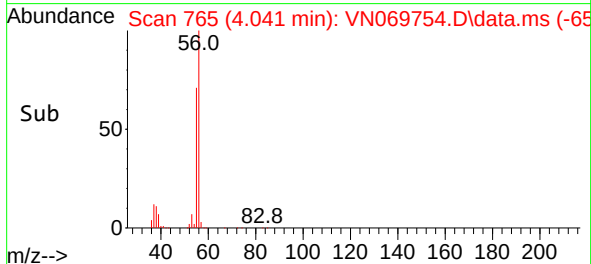
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion: 56 Resp: 494585
Ion Ratio Lower Upper
56 100
55 71.2 56.6 85.0

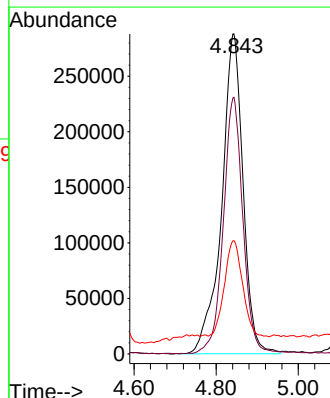
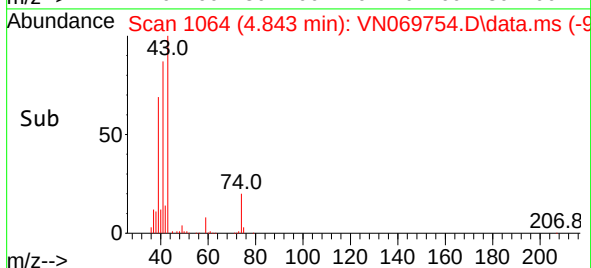
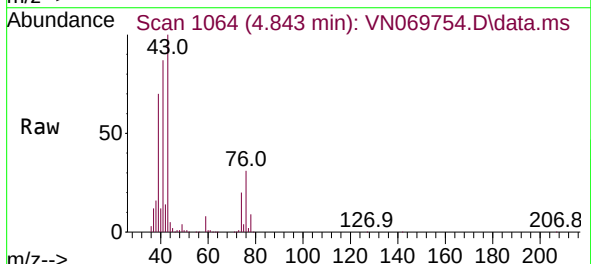
Manual Integrations
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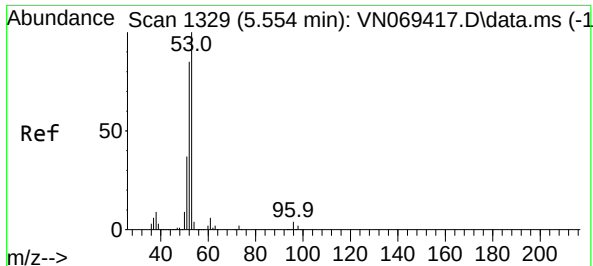
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#14
Allyl chloride
Concen: 45.482 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

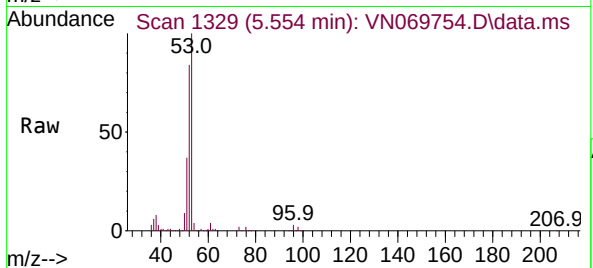
Tgt Ion: 41 Resp: 1042575
Ion Ratio Lower Upper
41 100
39 72.9 61.2 91.8
76 25.5 26.0 39.0#





#15
Acrylonitrile
Concen: 230.763 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

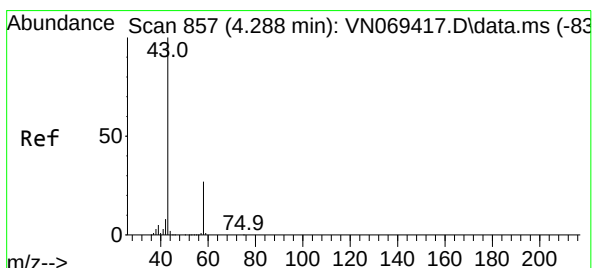
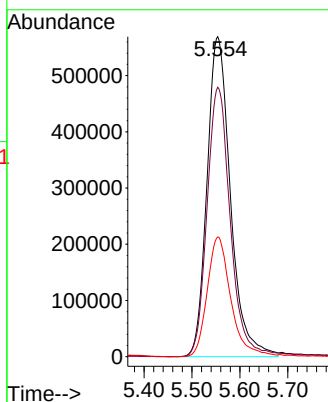
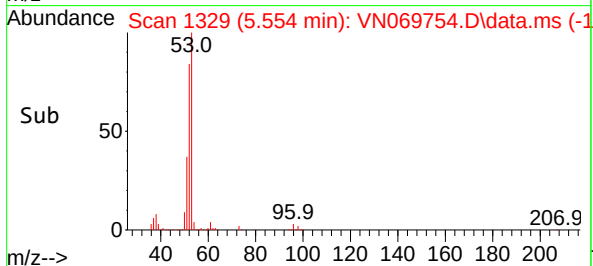
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion: 53 Resp: 1938130
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.2
51 37.5 29.6 44.4

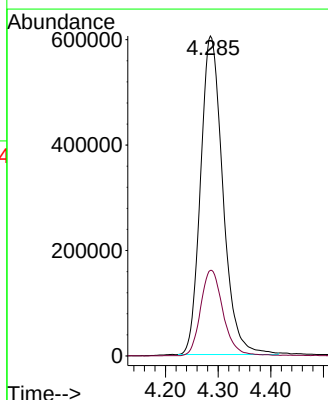
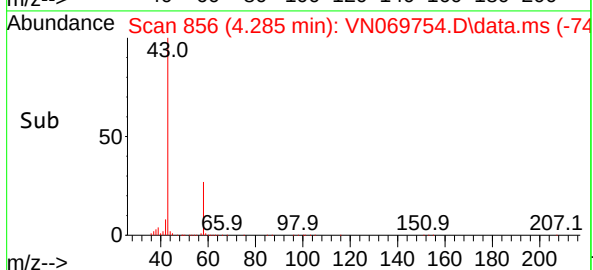
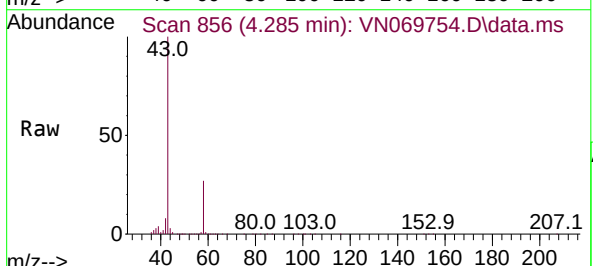
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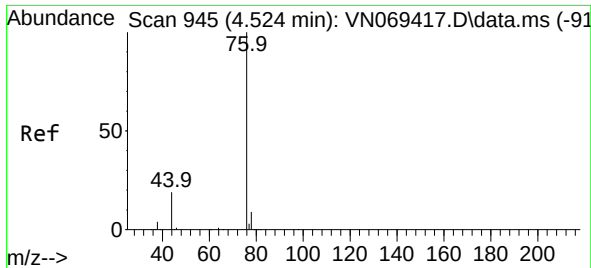
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#16
Acetone
Concen: 179.263 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

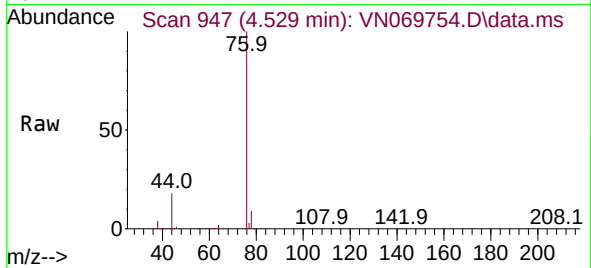
Tgt Ion: 43 Resp: 1778104
Ion Ratio Lower Upper
43 100
58 26.8 23.1 34.7





#17
Carbon Disulfide
Concen: 55.217 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

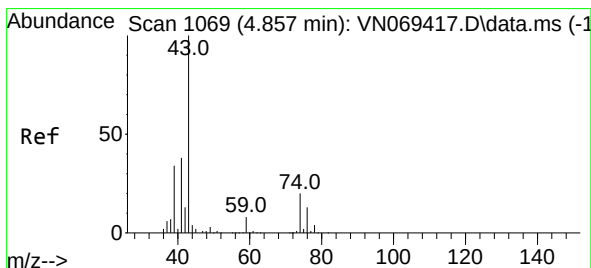
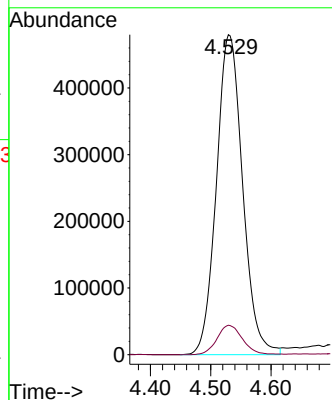
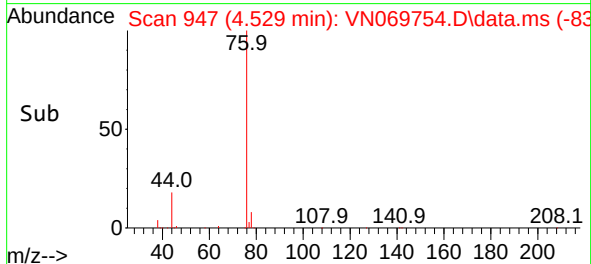
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion: 76 Resp: 1451162
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

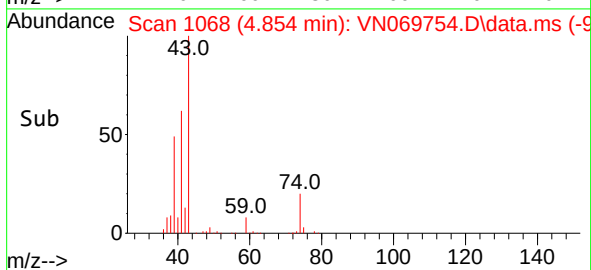
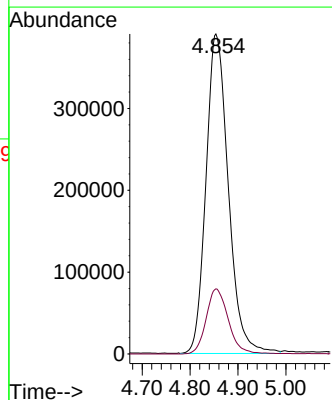
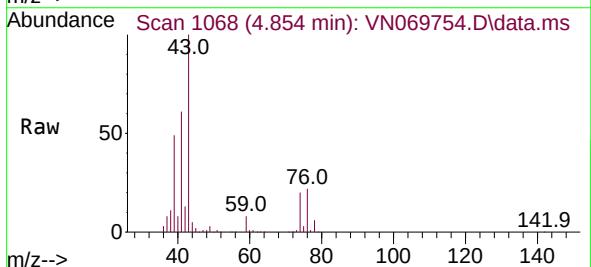
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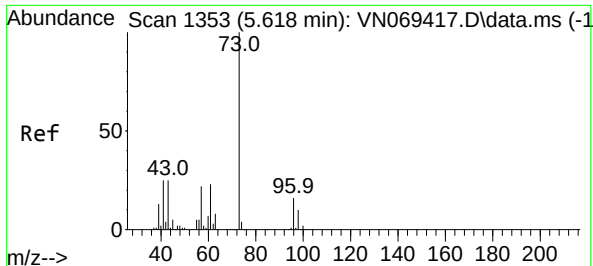
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#18
Methyl Acetate
Concen: 42.329 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

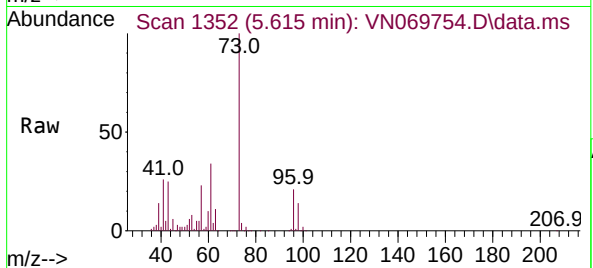
Tgt Ion: 43 Resp: 1267312
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 50.905 ug/l
RT: 5.615 min Scan# 1135
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

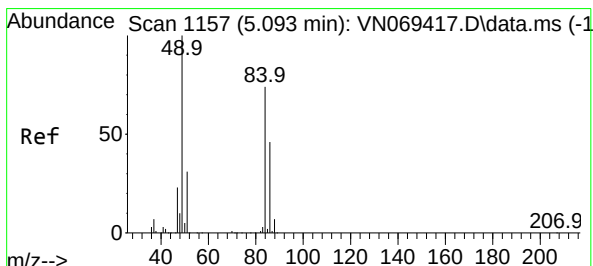
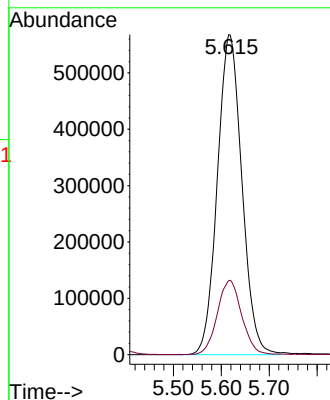
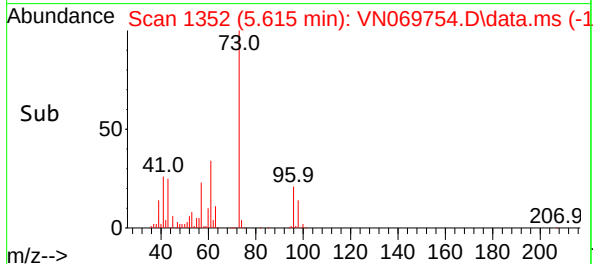
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion: 73 Resp: 2013510
Ion Ratio Lower Upper
73 100
57 23.0 16.8 25.2

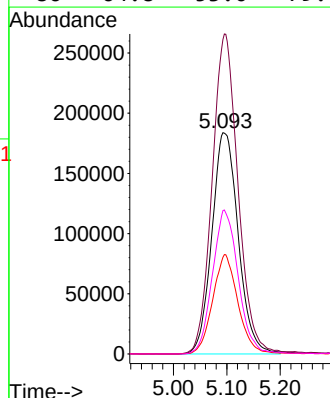
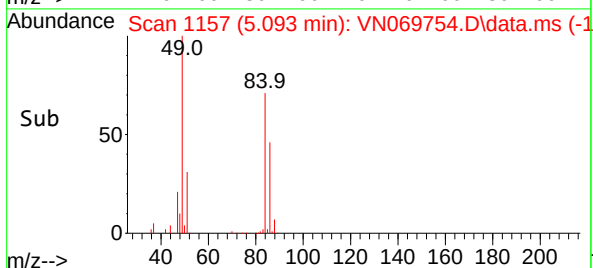
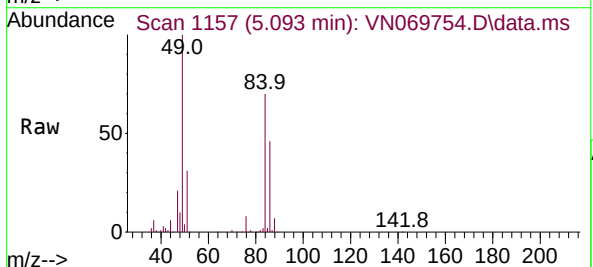
Manual Integrations
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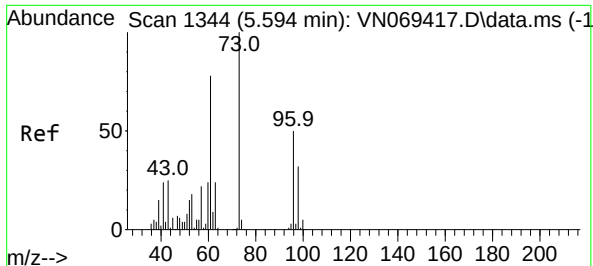
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#20
Methylene Chloride
Concen: 47.885 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

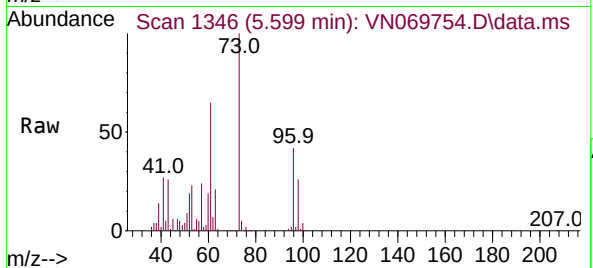
Tgt Ion: 84 Resp: 631420
Ion Ratio Lower Upper
84 100
49 142.0 93.5 140.3#
51 43.6 29.4 44.2
86 64.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 50.209 ug/l
RT: 5.599 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

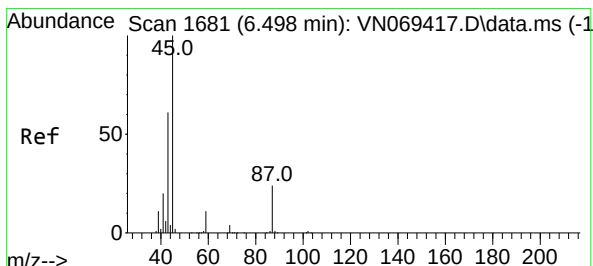
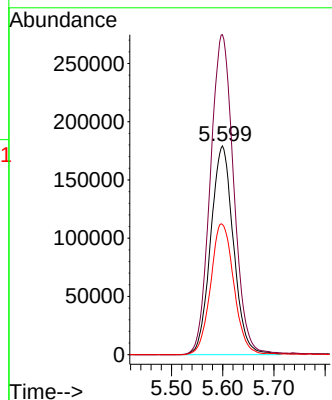
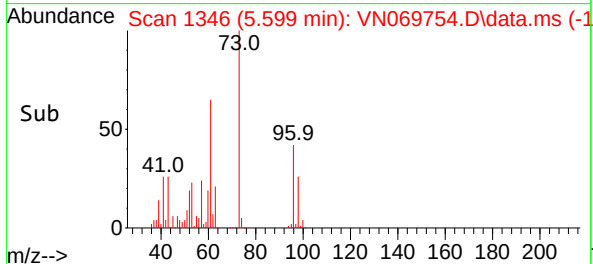
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion: 96 Resp: 55475
Ion Ratio Lower Upper
96 100
61 153.2 105.8 158.6
98 62.4 52.0 78.0

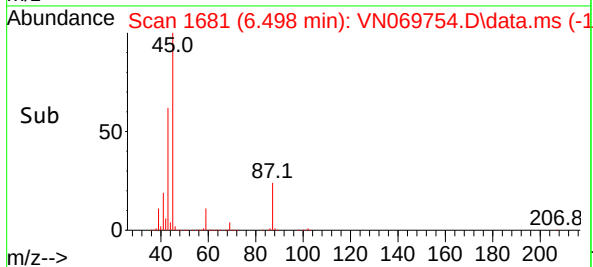
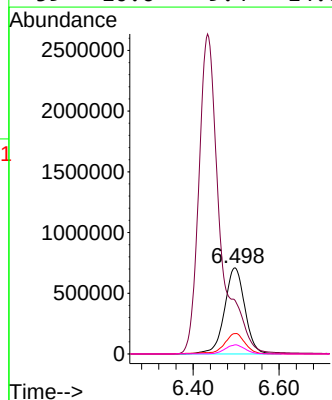
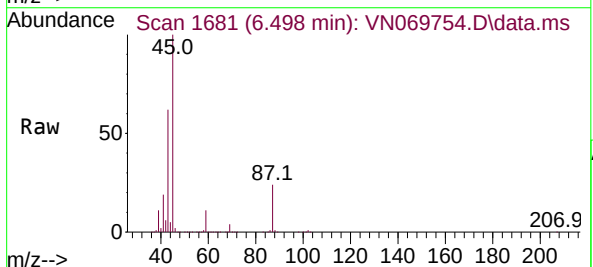
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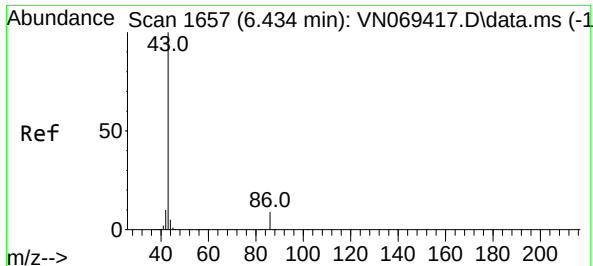
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#22
Diisopropyl ether
Concen: 52.011 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

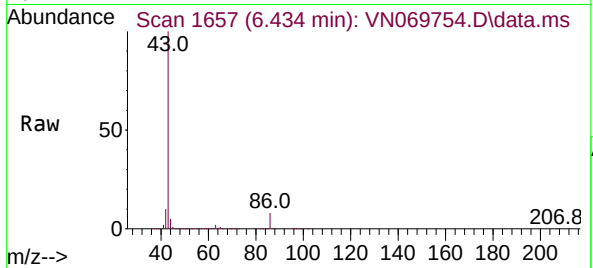
Tgt Ion: 45 Resp: 2330301
Ion Ratio Lower Upper
45 100
43 61.0 51.7 77.5
87 23.5 23.2 34.8
59 10.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 244.941 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069754.D
 Acq: 4 Dec 2021 7:20

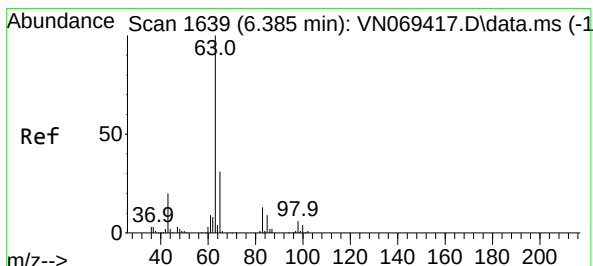
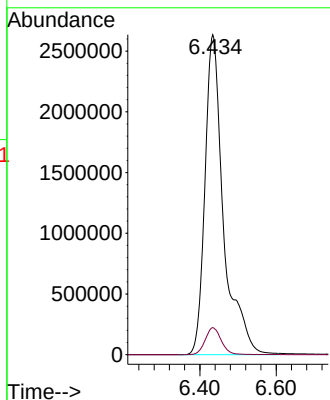
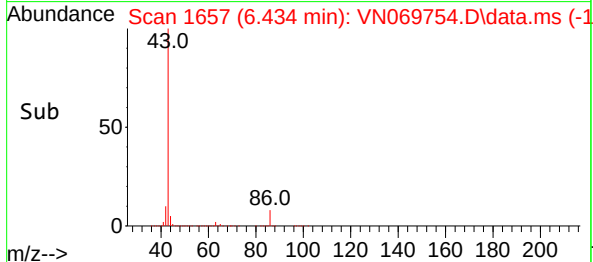
Instrument :
 MSVOA_N
 ClientSampleId :
 FDR-MW-4-20211202MS



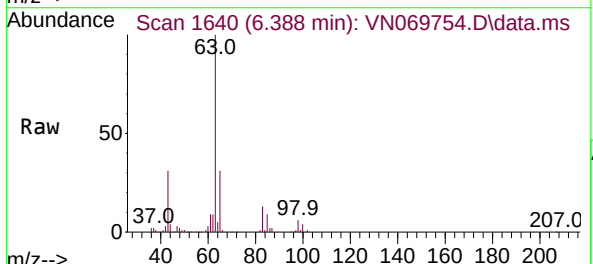
Tgt Ion: 43 Resp: 8928234
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7

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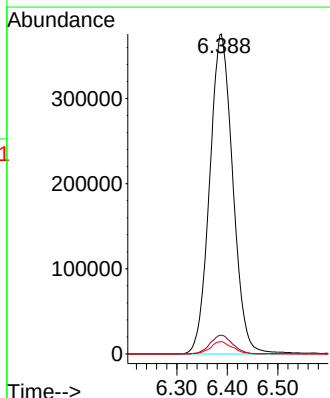
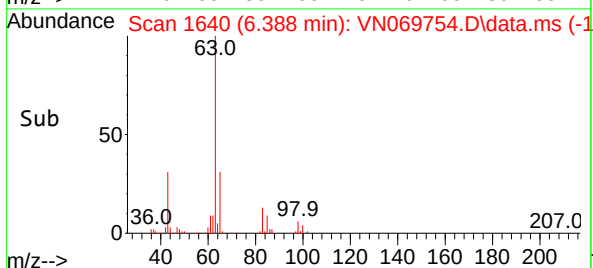
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

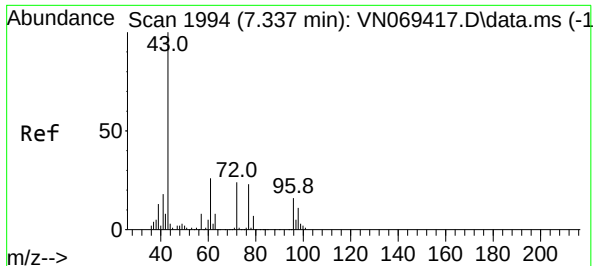


#24
 1,1-Dichloroethane
 Concen: 51.427 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069754.D
 Acq: 4 Dec 2021 7:20



Tgt Ion: 63 Resp: 1193559
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.8 2.1 6.5





#25

2-Butanone

Concen: 208.068 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN069754.D

Acq: 4 Dec 2021 7:20

Instrument :

MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MS

Tgt Ion: 43 Resp: 280413

Ion Ratio Lower Upper

43 100

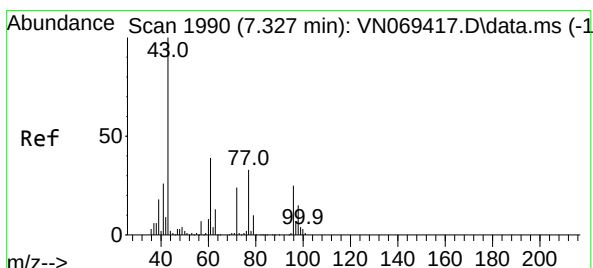
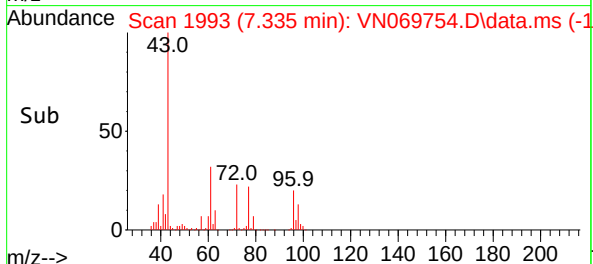
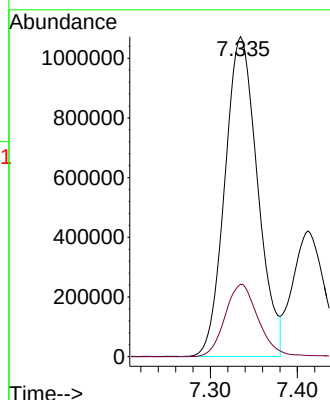
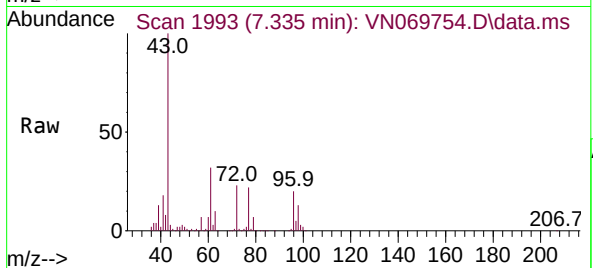
72 22.6 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#26

2,2-Dichloropropane

Concen: 41.438 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069754.D

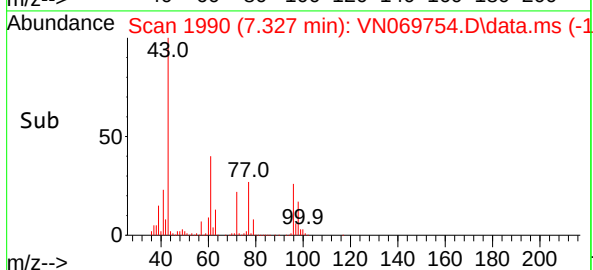
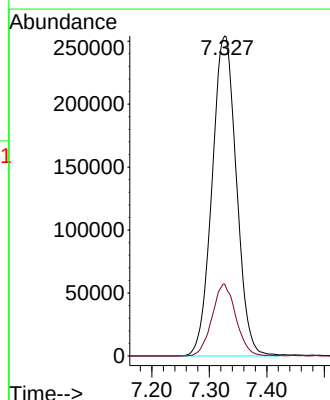
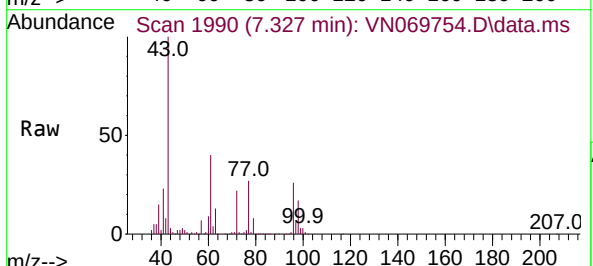
Acq: 4 Dec 2021 7:20

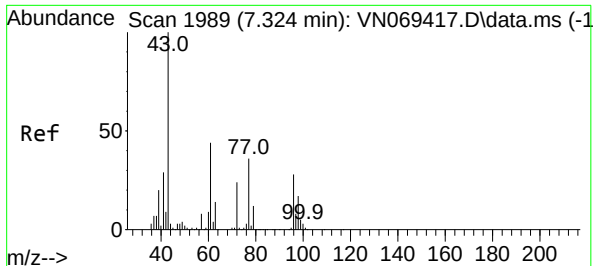
Tgt Ion: 77 Resp: 747757

Ion Ratio Lower Upper

77 100

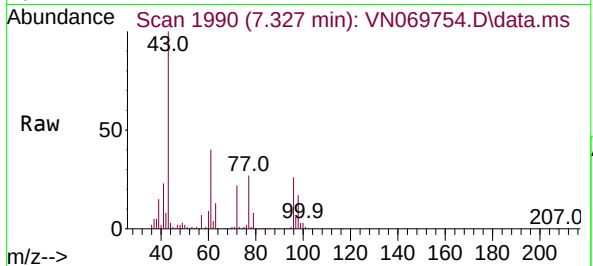
97 22.0 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 50.093 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

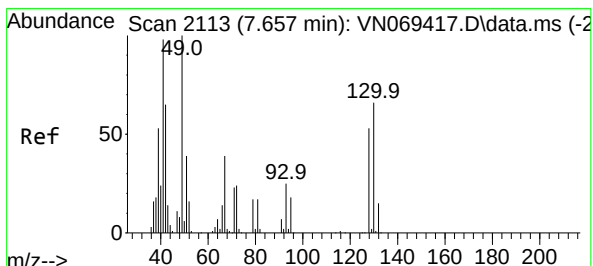
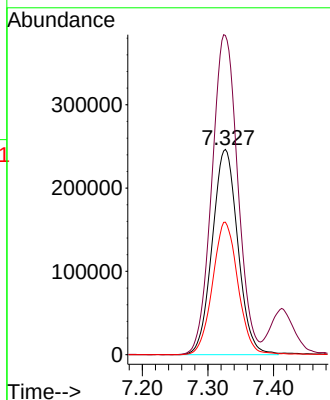
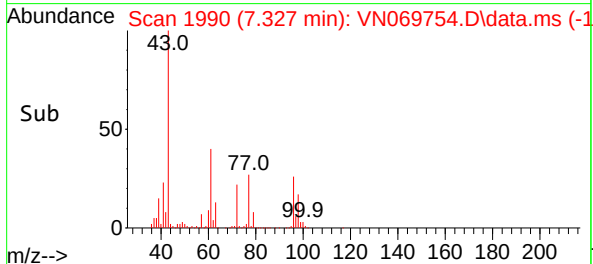
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion: 96 Resp: 668709
Ion Ratio Lower Upper
96 100
61 157.9 0.0 275.0
98 64.0 0.0 129.6

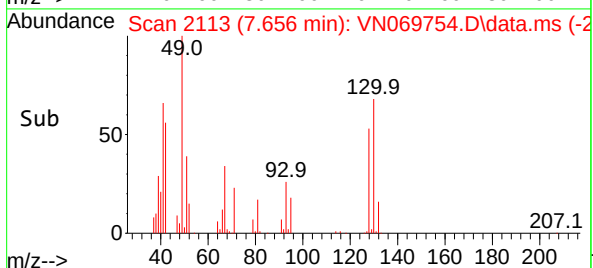
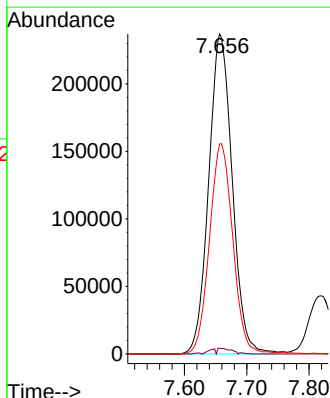
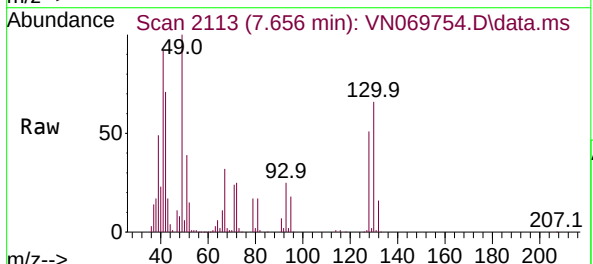
Manual Integrations
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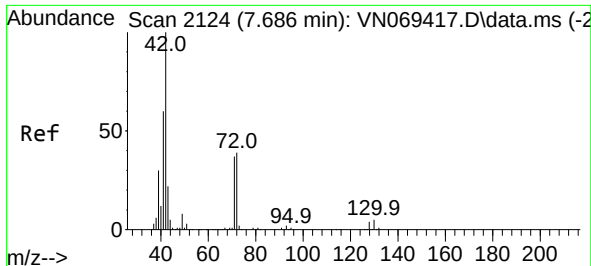
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#28
Bromochloromethane
Concen: 51.486 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

Tgt Ion: 49 Resp: 621379
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.0
130 64.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 227.503 ug/l

RT: 7.683 min Scan# 2124

Delta R.T. -0.003 min

Lab File: VN069754.D

Acq: 4 Dec 2021 7:20

Instrument :

MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MS

Tgt Ion: 42 Resp: 1861784

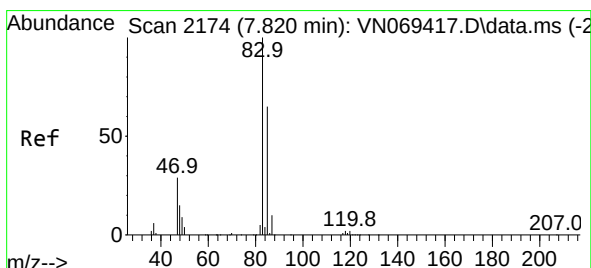
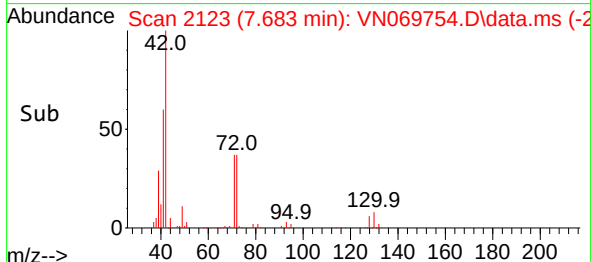
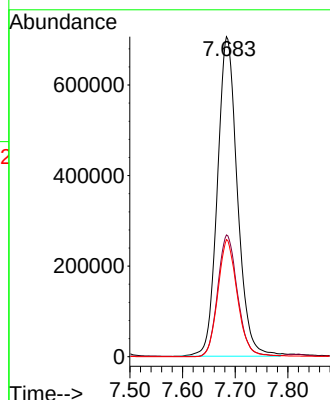
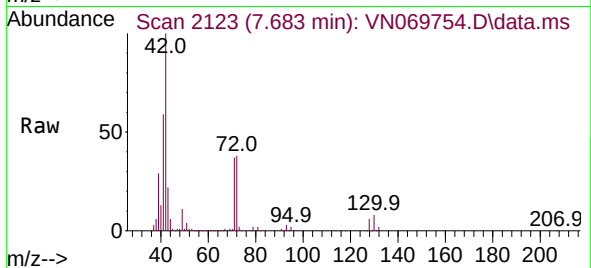
Ion	Ratio	Lower	Upper
42	100		
72	37.7	36.3	54.5
71	35.8	34.7	52.1

Manual Integrations

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Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#30

Chloroform

Concen: 50.532 ug/l

RT: 7.817 min Scan# 2173

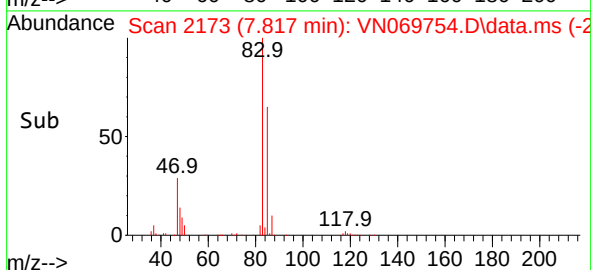
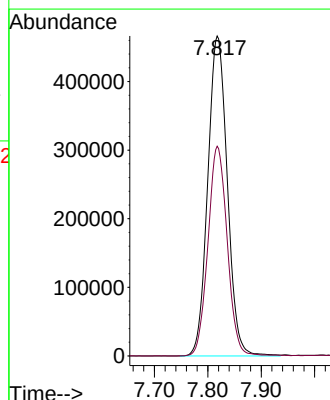
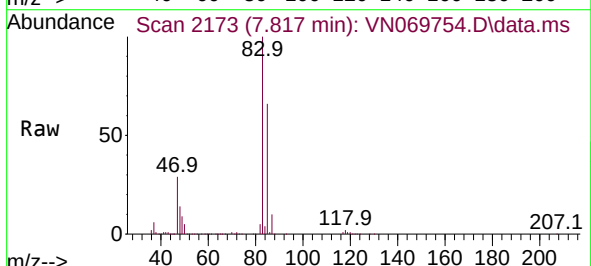
Delta R.T. -0.003 min

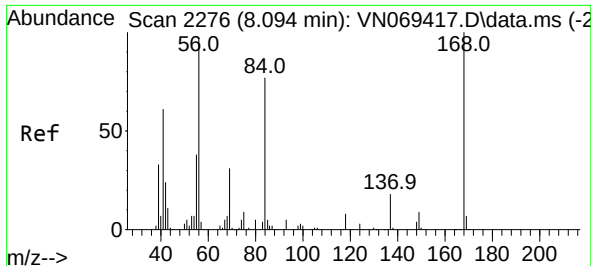
Lab File: VN069754.D

Acq: 4 Dec 2021 7:20

Tgt Ion: 83 Resp: 1184443

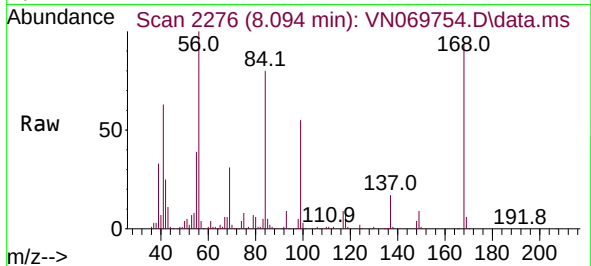
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.9	77.9





#31
Cyclohexane
Concen: 48.453 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

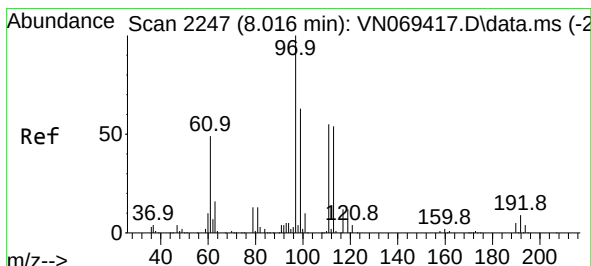
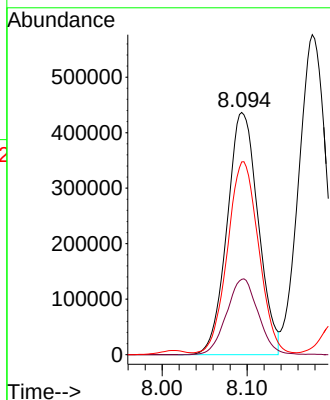
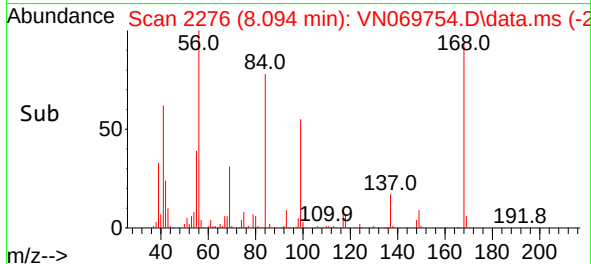
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion: 56 Resp: 111186
Ion Ratio Lower Upper
56 100
69 31.1 27.1 40.7
84 77.9 73.4 110.0

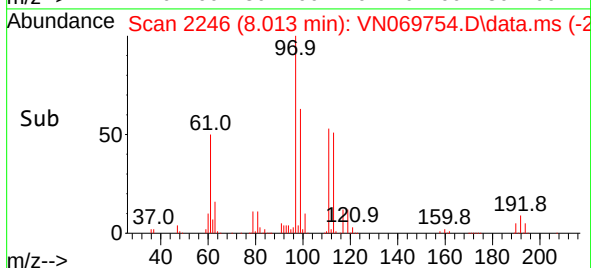
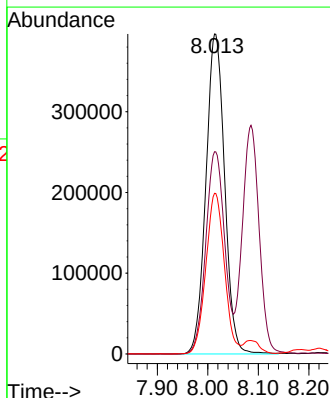
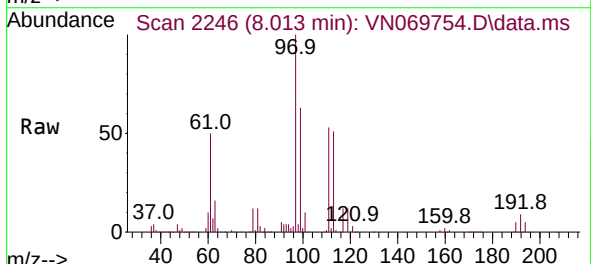
Manual Integrations
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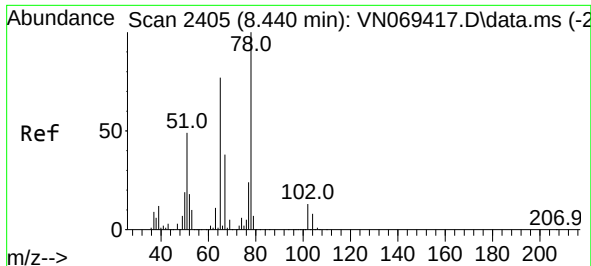
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#32
1,1,1-Trichloroethane
Concen: 51.059 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

Tgt Ion: 97 Resp: 1019433
Ion Ratio Lower Upper
97 100
99 63.6 50.1 75.1
61 50.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.542 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VN069754.D

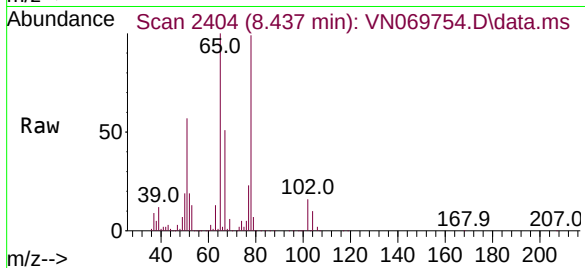
Acq: 4 Dec 2021 7:20

Instrument :

MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MS



Tgt Ion: 65 Resp: 83339

Ion Ratio Lower Upper

65 100

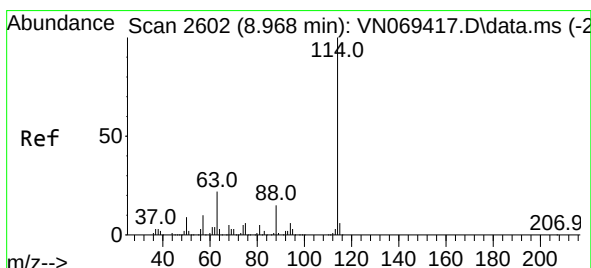
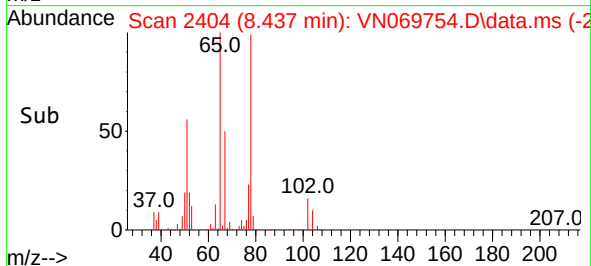
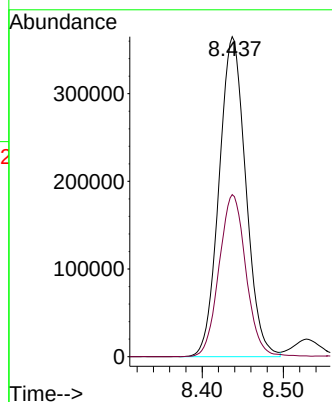
67 51.1 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069754.D

Acq: 4 Dec 2021 7:20

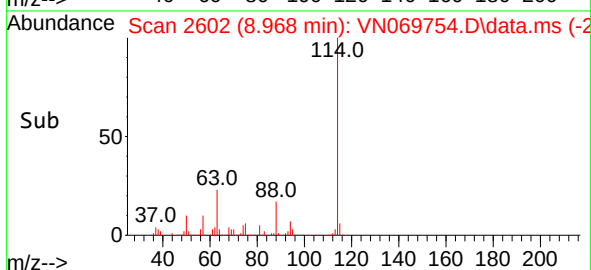
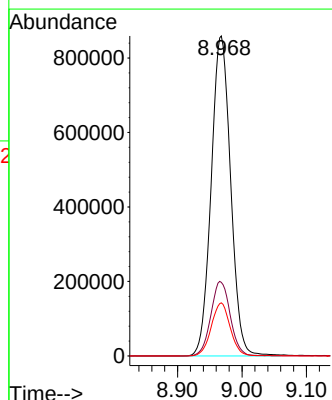
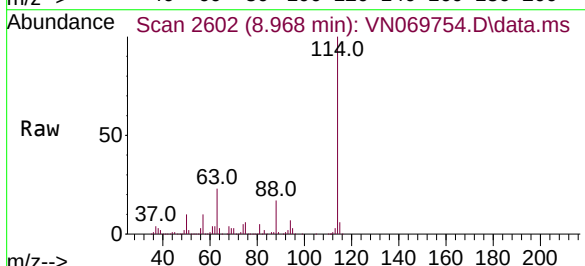
Tgt Ion:114 Resp: 1802878

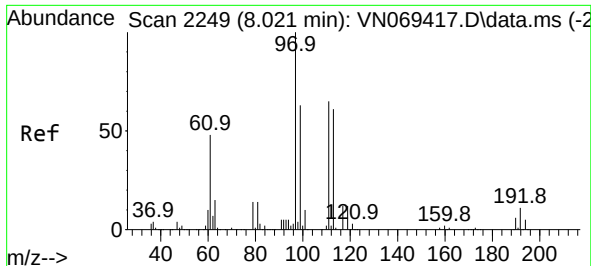
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

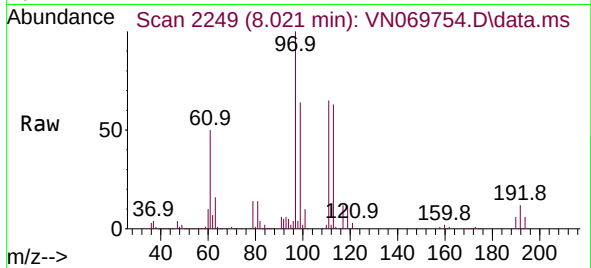
88 16.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.438 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

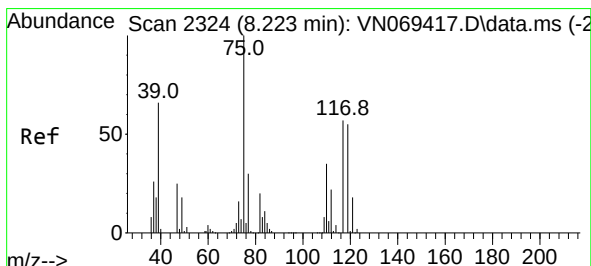
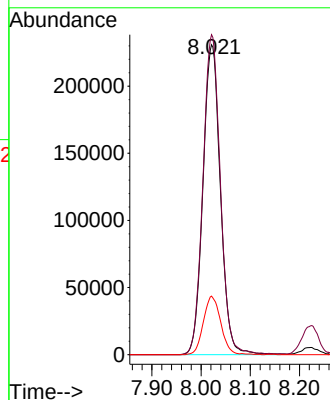
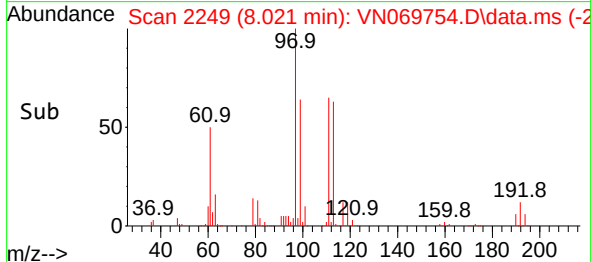
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion: 113 Resp: 56958
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 18.6 16.9 25.3

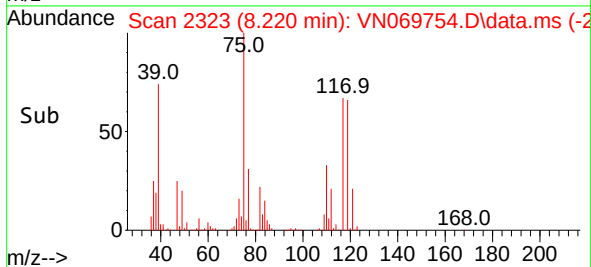
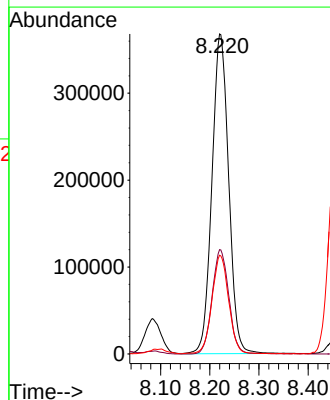
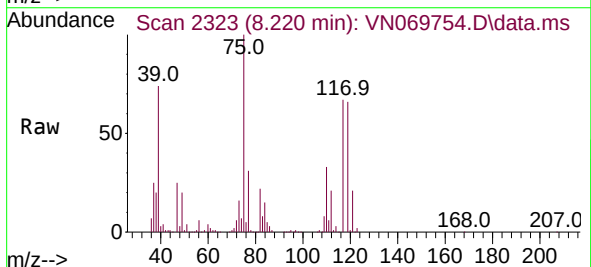
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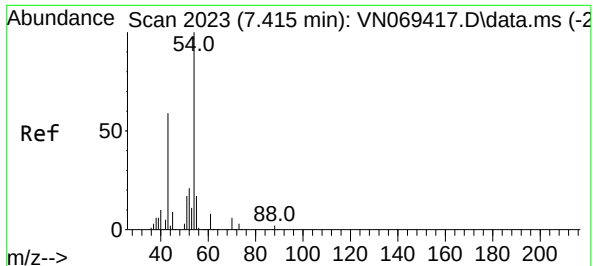
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#36
1,1-Dichloropropene
Concen: 50.584 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

Tgt Ion: 75 Resp: 868172
Ion Ratio Lower Upper
75 100
110 32.6 18.4 55.2
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 42.862 ug/l

RT: 7.412 min Scan# 20

Delta R.T. -0.003 min

Lab File: VN069754.D

Acq: 4 Dec 2021 7:20

Instrument :

MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MS

Tgt Ion: 43 Resp: 1094900

Ion Ratio Lower Upper

43 100

61 12.6 11.5 17.3

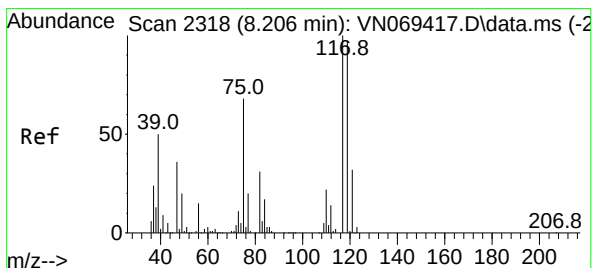
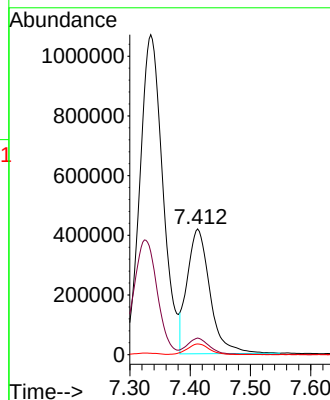
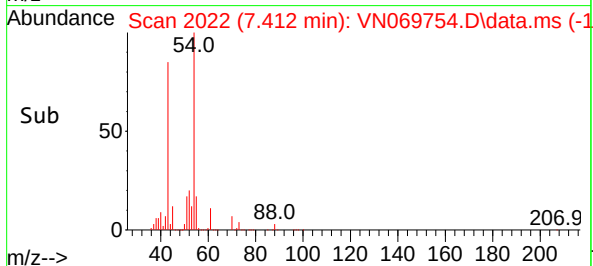
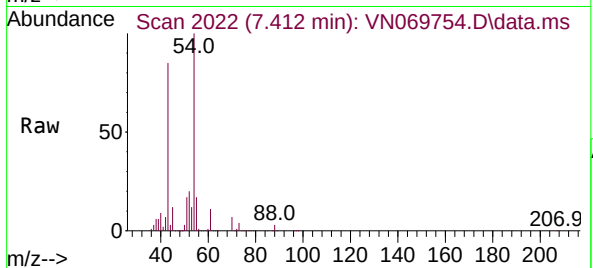
70 8.1 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#38

Carbon Tetrachloride

Concen: 50.391 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN069754.D

Acq: 4 Dec 2021 7:20

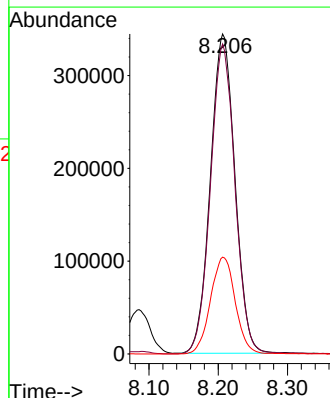
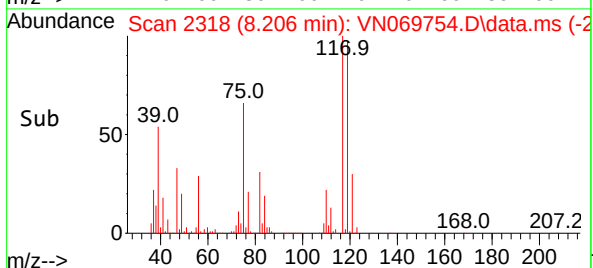
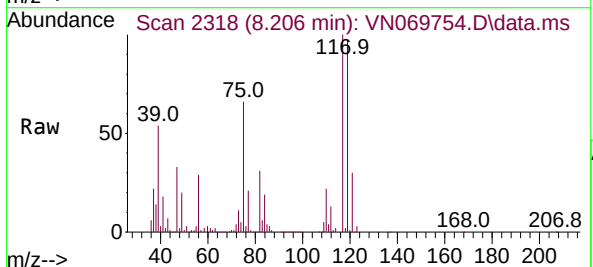
Tgt Ion:117 Resp: 848101

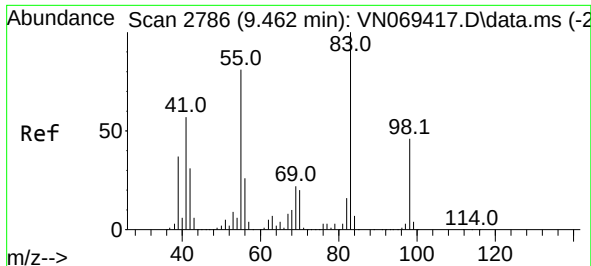
Ion Ratio Lower Upper

117 100

119 96.9 76.1 114.1

121 30.3 24.2 36.2





#39

Methylcyclohexane

Concen: 49.752 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069754.D

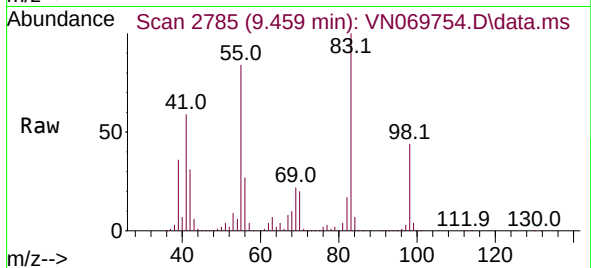
Acq: 4 Dec 2021 7:20

Instrument :

MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MS



Tgt Ion: 83 Resp: 1015679

Ion Ratio Lower Upper

83 100

55 84.1 58.1 87.1

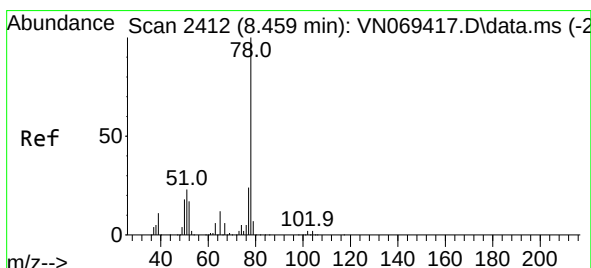
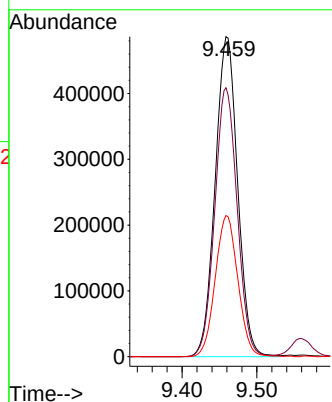
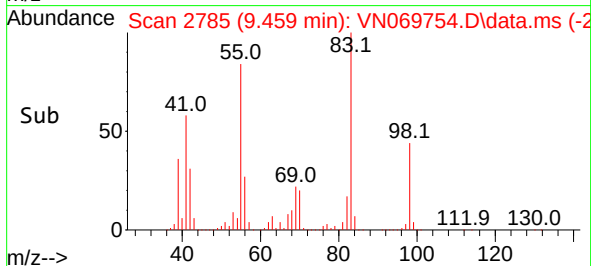
98 44.1 38.4 57.6

Manual Integrations

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Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#40

Benzene

Concen: 49.727 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.000 min

Lab File: VN069754.D

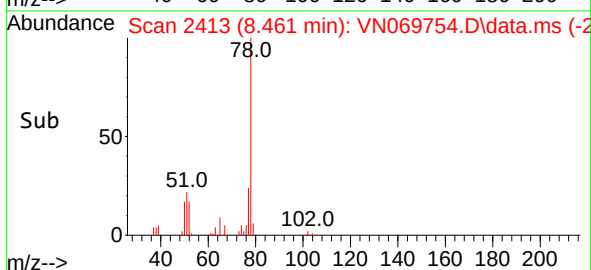
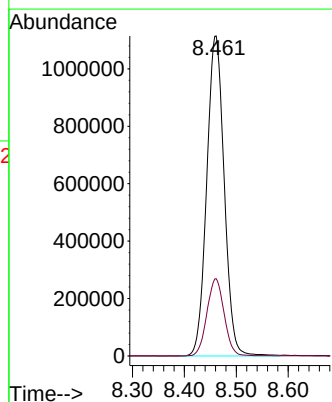
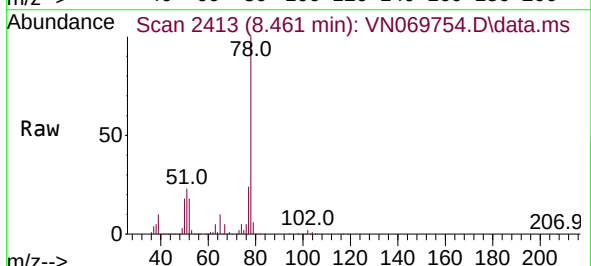
Acq: 4 Dec 2021 7:20

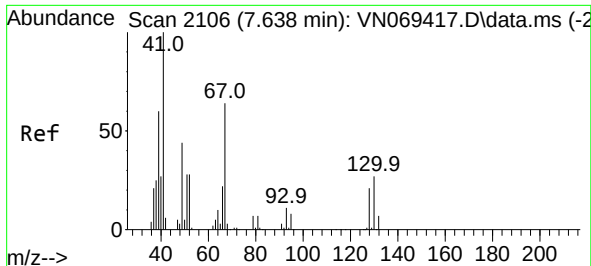
Tgt Ion: 78 Resp: 2608715

Ion Ratio Lower Upper

78 100

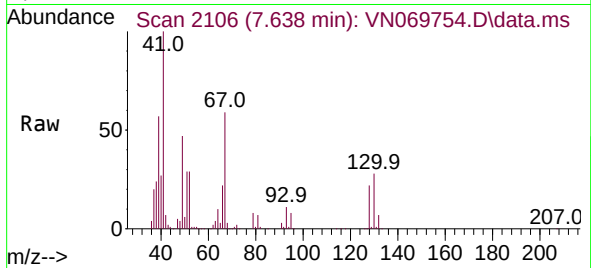
77 24.1 18.6 27.8





#41
Methacrylonitrile
Concen: 48.630 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

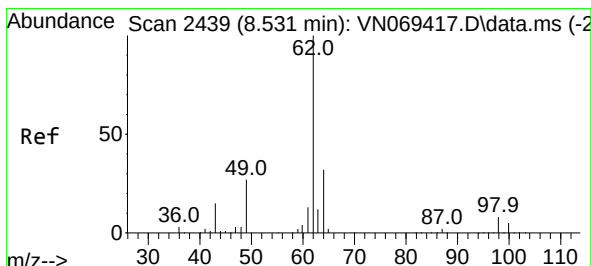
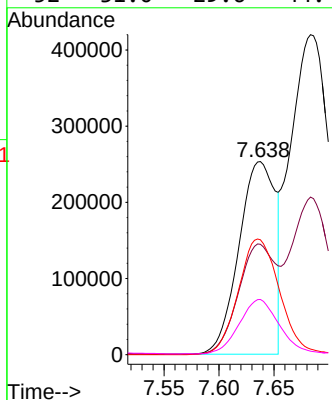
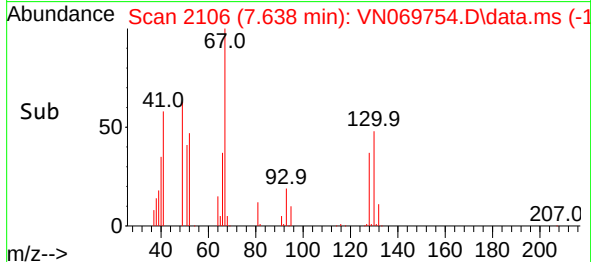
Instrument : MSVOA_N
ClientSampleId : FDR-MW-4-20211202MS



Tgt Ion: 41 Resp: 58315
Ion Ratio Lower Upper
41 100
39 60.3 48.1 72.1
67 69.2 68.3 102.5
52 31.0 29.6 44.4

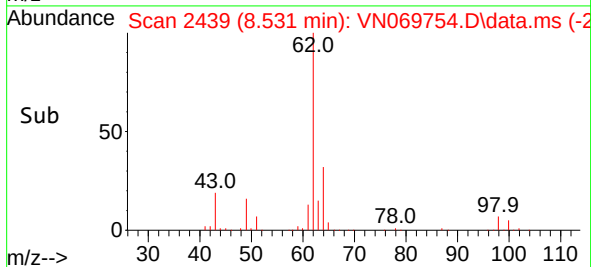
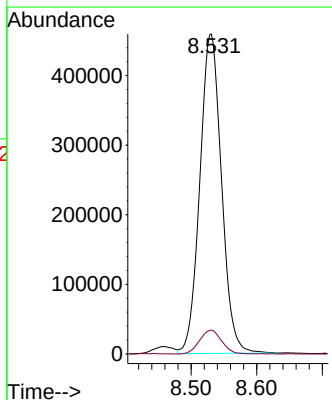
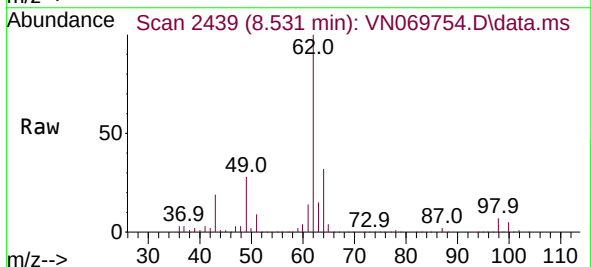
Manual Integrations
APPROVED

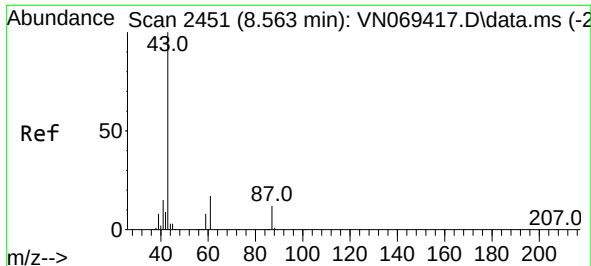
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 49.705 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

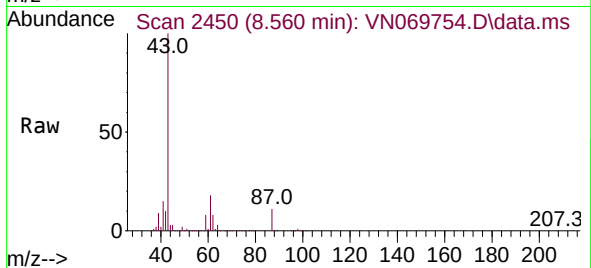
Tgt Ion: 62 Resp: 1052600
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 47.324 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

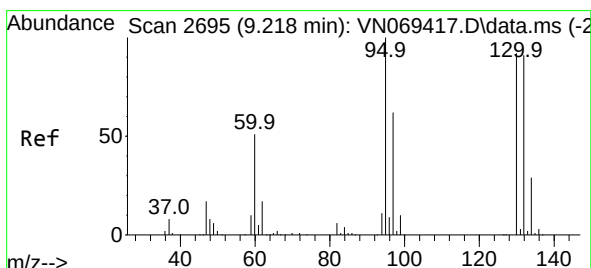
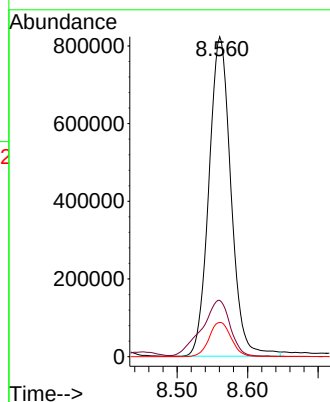
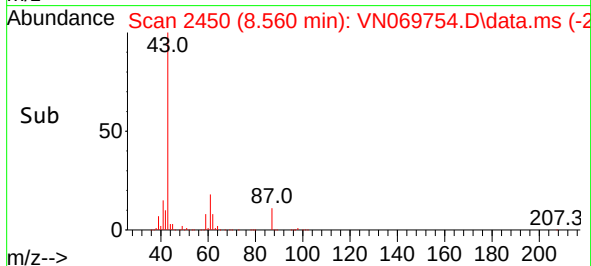
Instrument : MSVOA_N
ClientSampleId : FDR-MW-4-20211202MS



Tgt Ion: 43 Resp: 178895
Ion Ratio Lower Upper
43 100
61 22.3 20.4 30.6
87 10.7 11.2 16.8

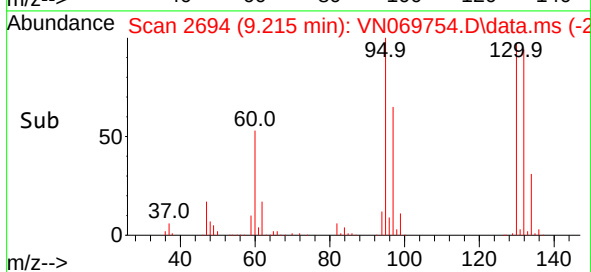
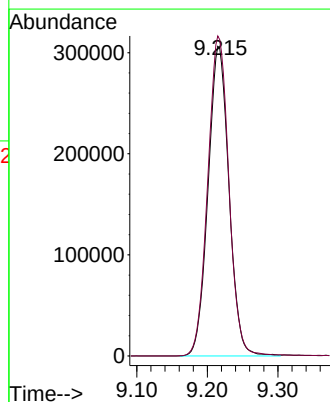
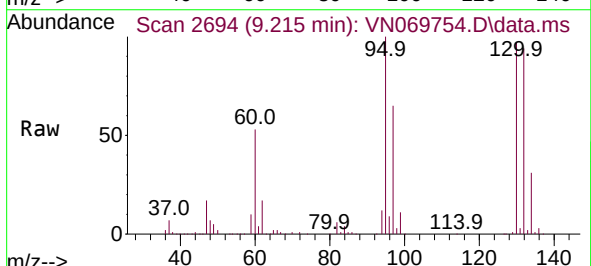
Manual Integrations
APPROVED

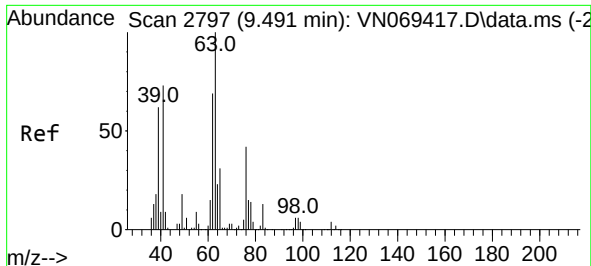
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 50.289 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

Tgt Ion:130 Resp: 629680
Ion Ratio Lower Upper
130 100
95 103.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 50.191 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069754.D

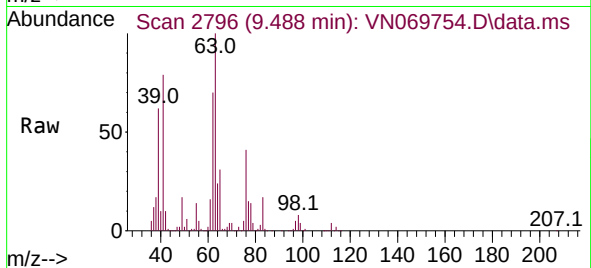
Acq: 4 Dec 2021 7:20

Instrument :

MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MS



Tgt Ion: 63 Resp: 707070

Ion Ratio Lower Upper

63 100

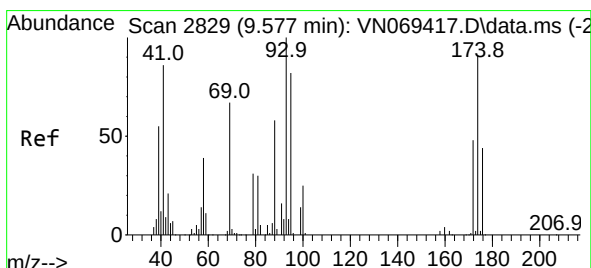
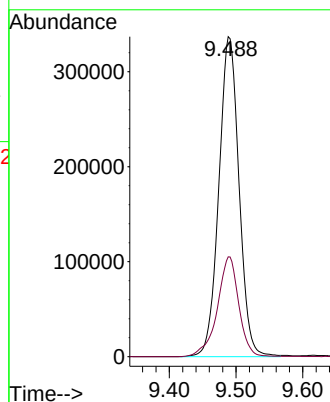
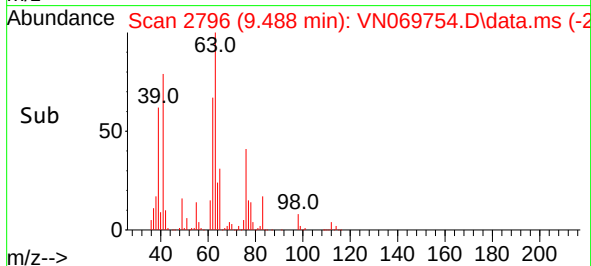
65 31.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#46

Dibromomethane

Concen: 50.247 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069754.D

Acq: 4 Dec 2021 7:20

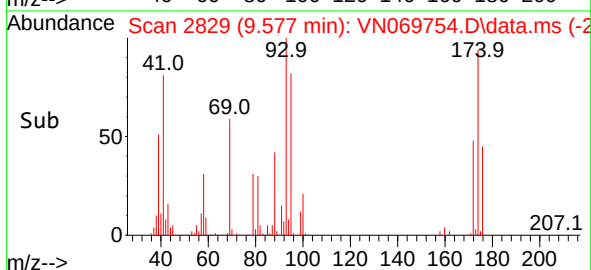
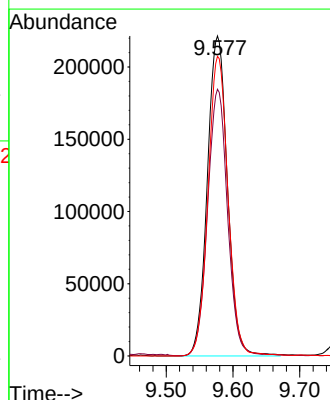
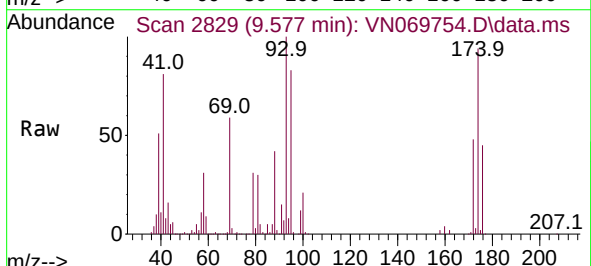
Tgt Ion: 93 Resp: 464233

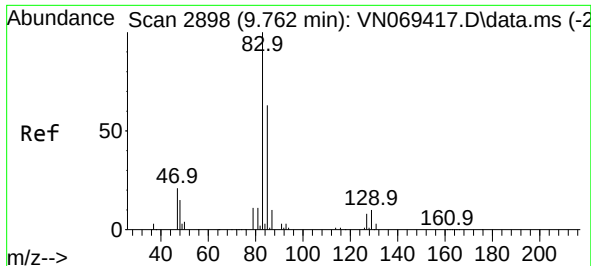
Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

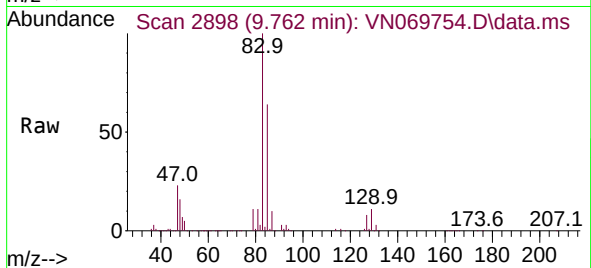
174 93.0 84.6 127.0





#47
Bromodichloromethane
Concen: 51.813 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

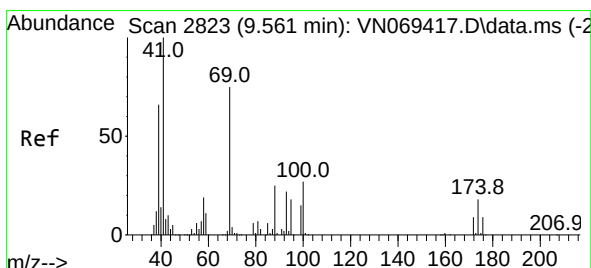
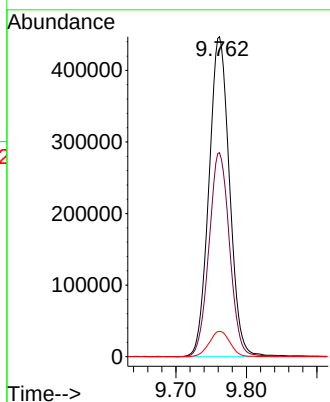
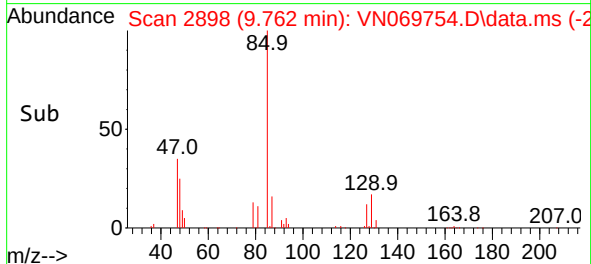
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion: 83 Resp: 90635
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3
127 7.9 7.1 10.7

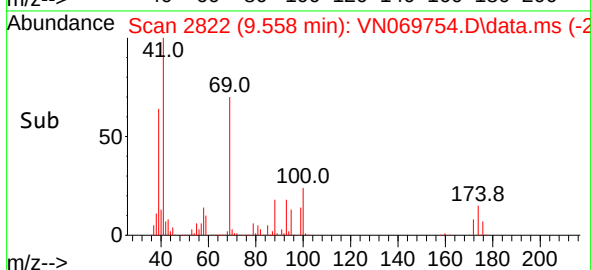
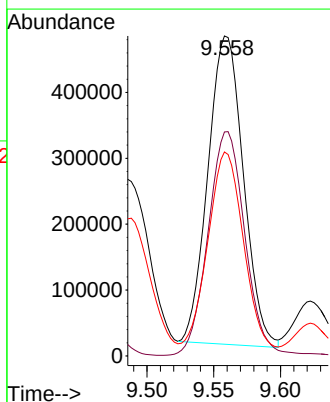
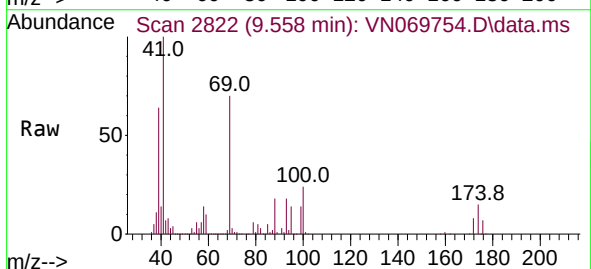
Manual Integrations
APPROVED

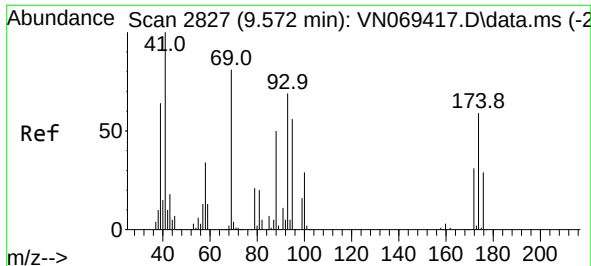
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#48
Methyl methacrylate
Concen: 49.000 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

Tgt Ion: 41 Resp: 864428
Ion Ratio Lower Upper
41 100
69 75.7 72.4 108.6
39 68.2 58.4 87.6





#49

1,4-Dioxane

Concen: 770.920 ug/l

RT: 9.569 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069754.D

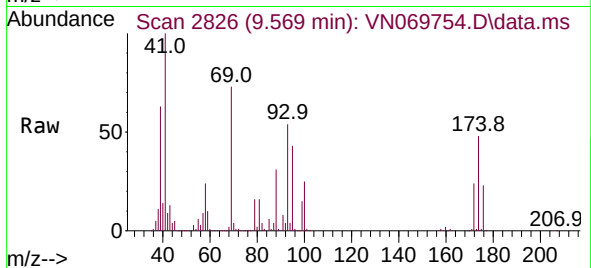
Acq: 4 Dec 2021 7:20

Instrument :

MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MS



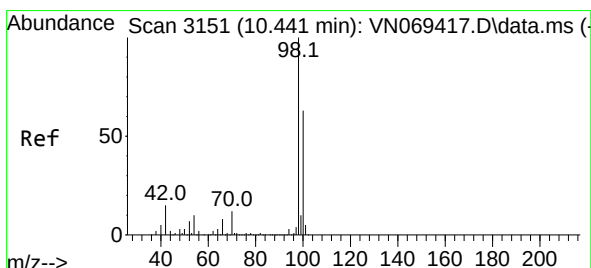
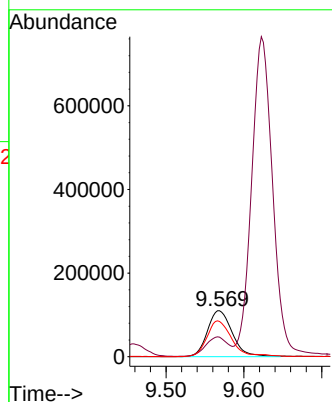
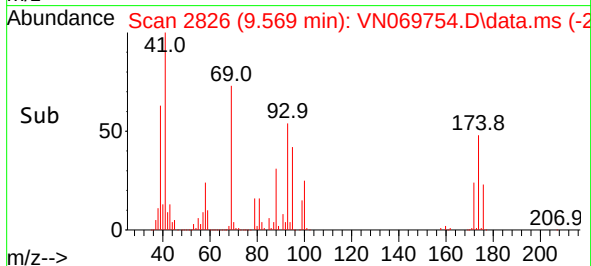
Tgt Ion:	88	Resp:	244020
Ion Ratio	Lower	Upper	
88	100		
43	37.4	23.4	35.2
58	79.1	50.6	75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#50

Toluene-d8

Concen: 49.596 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069754.D

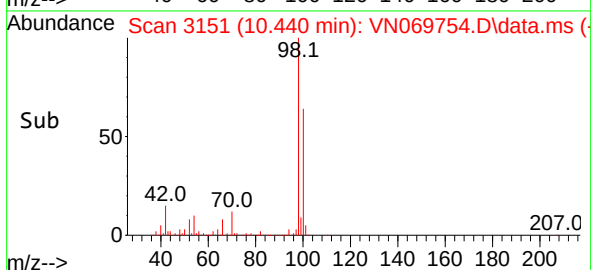
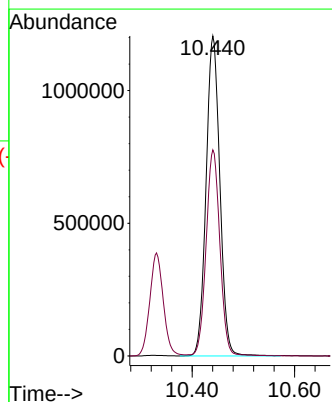
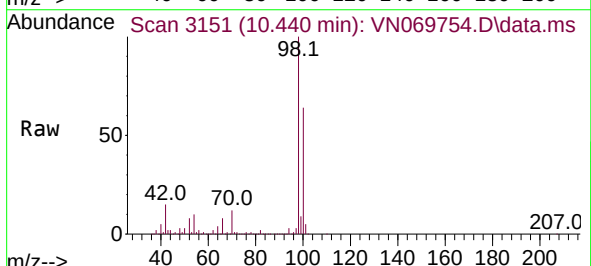
Acq: 4 Dec 2021 7:20

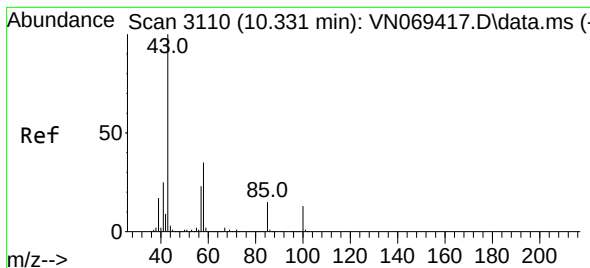
Tgt Ion: 98 Resp: 2248913

Ion Ratio Lower Upper

98 100

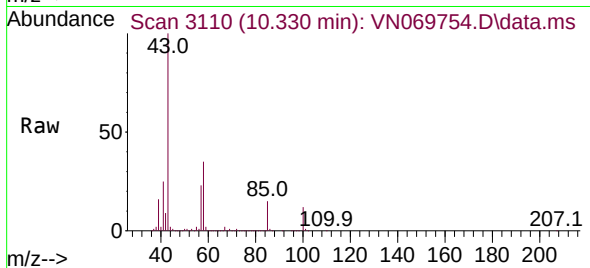
100 64.0 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 240.993 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

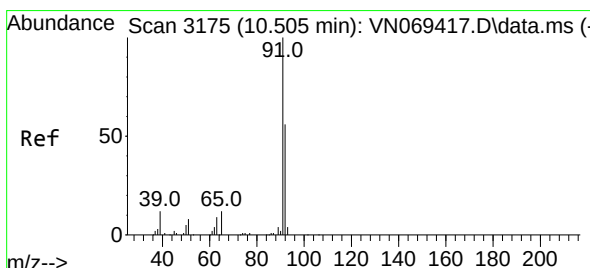
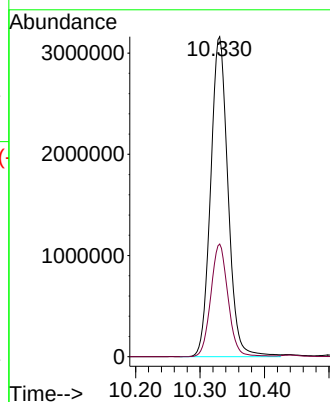
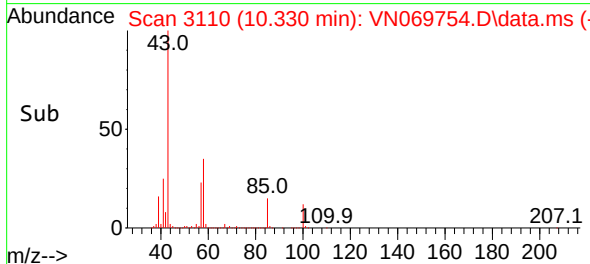
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion: 43 Resp: 590992
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

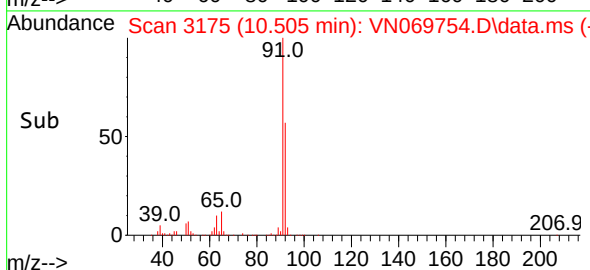
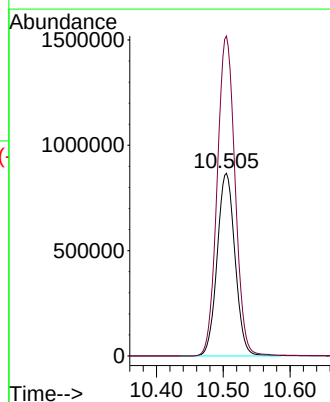
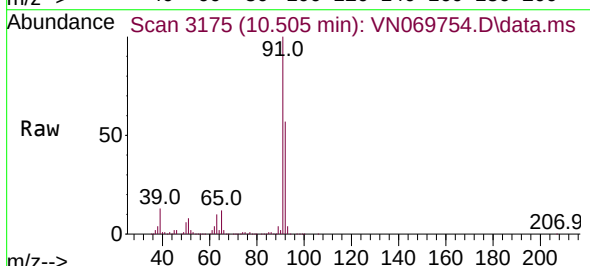
Manual Integrations
APPROVED

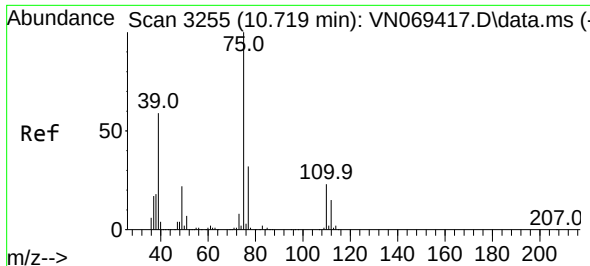
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#52
Toluene
Concen: 50.266 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

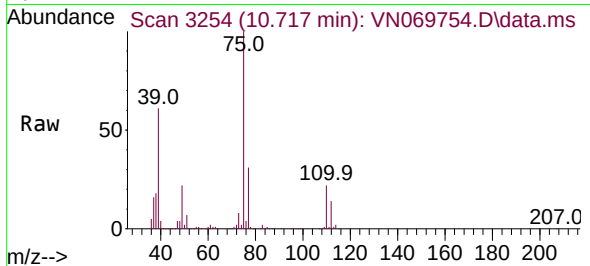
Tgt Ion: 92 Resp: 1609908
Ion Ratio Lower Upper
92 100
91 175.8 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 45.046 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

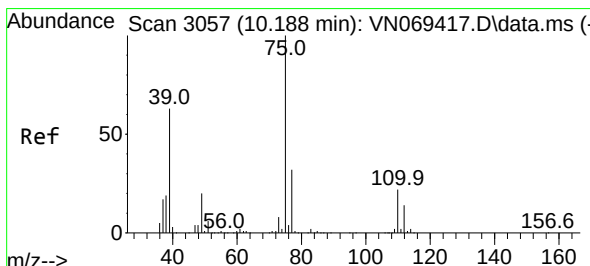
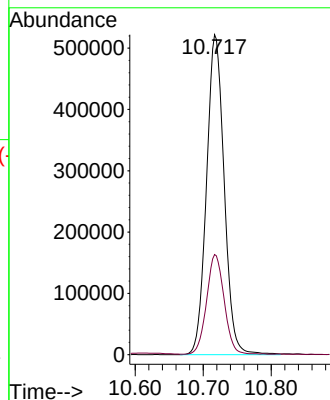
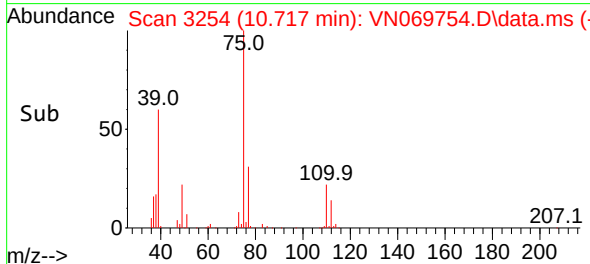
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



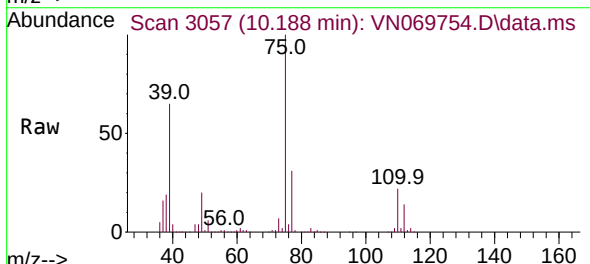
Tgt Ion: 75 Resp: 941710
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

Manual Integrations
APPROVED

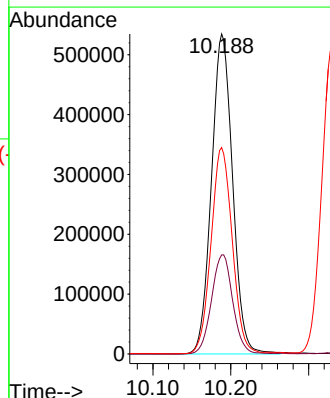
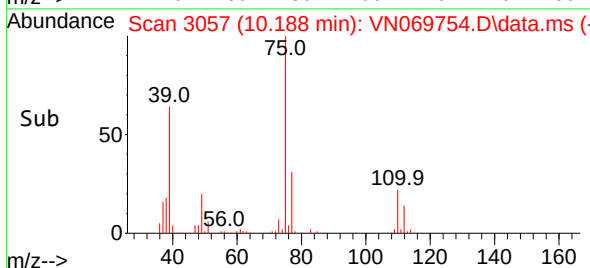
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

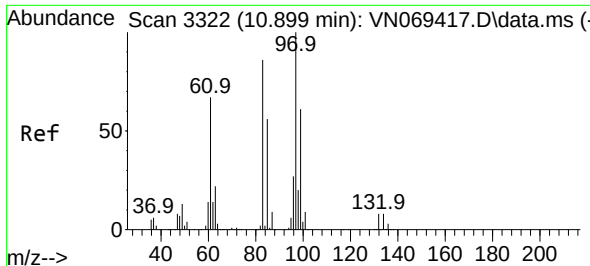


#54
cis-1,3-Dichloropropene
Concen: 45.762 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20



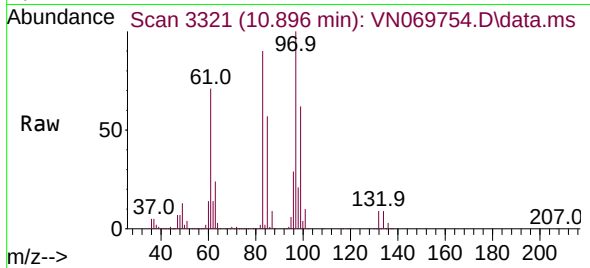
Tgt Ion: 75 Resp: 1006698
Ion Ratio Lower Upper
75 100
77 30.9 26.4 39.6
39 64.4 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 49.750 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

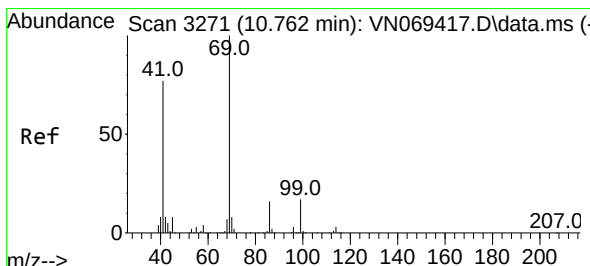
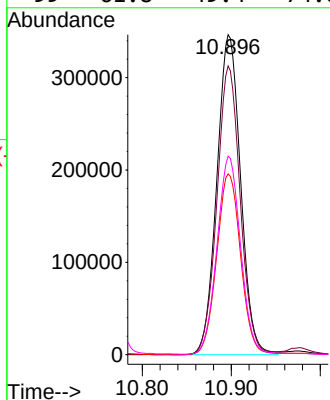
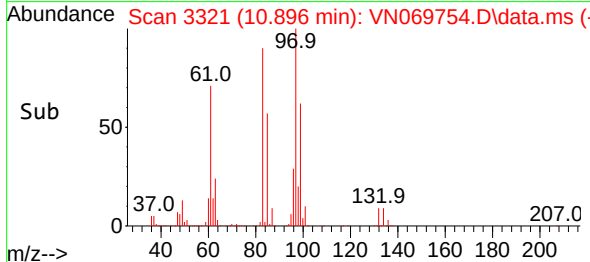
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion: 97 Resp: 64289
Ion Ratio Lower Upper
97 100
83 90.2 67.8 101.6
85 56.5 45.4 68.2
99 61.8 49.4 74.0

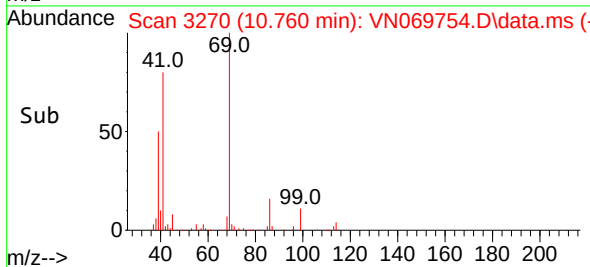
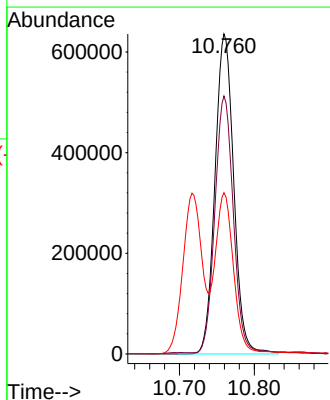
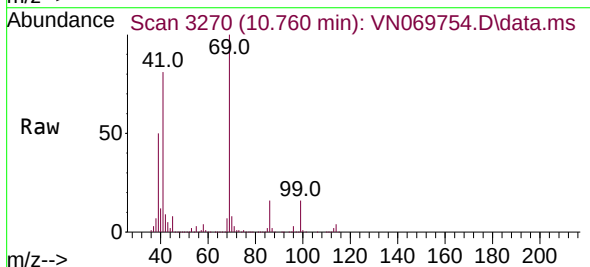
Manual Integrations
APPROVED

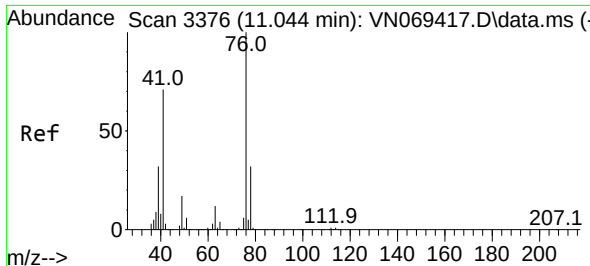
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#56
Ethyl methacrylate
Concen: 45.639 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

Tgt Ion: 69 Resp: 1107735
Ion Ratio Lower Upper
69 100
41 78.8 51.4 77.0#
39 47.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 49.779 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069754.D

Acq: 4 Dec 2021 7:20

Instrument :

MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MS

Tgt Ion: 76 Resp: 113265

Ion Ratio Lower Upper

76 100

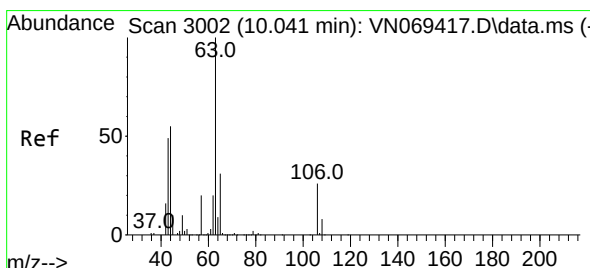
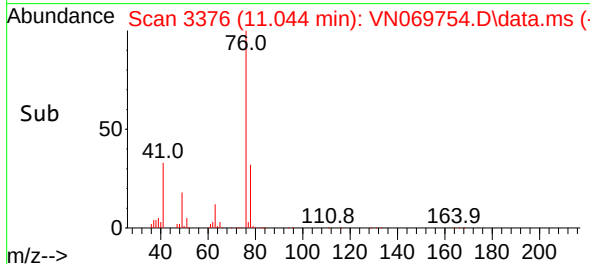
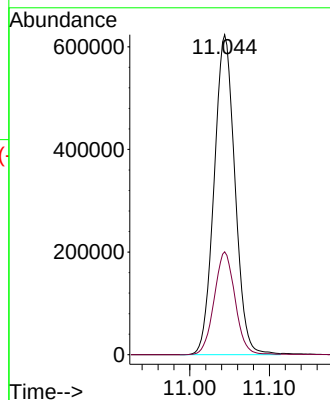
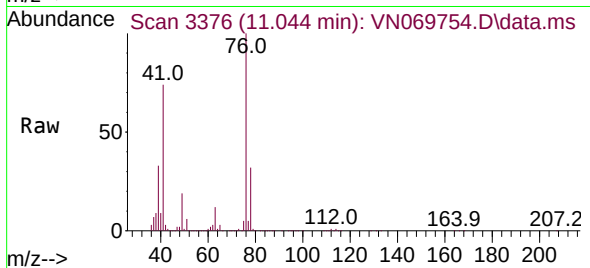
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#58

2-Chloroethyl Vinyl ether

Concen: 18.532 ug/l

RT: 10.068 min Scan# 3012

Delta R.T. 0.025 min

Lab File: VN069754.D

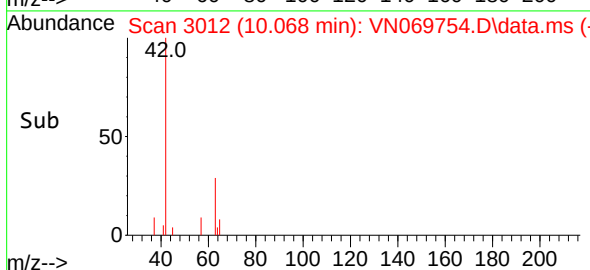
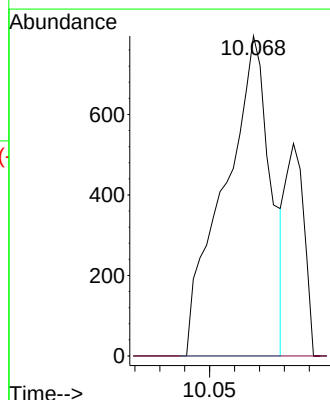
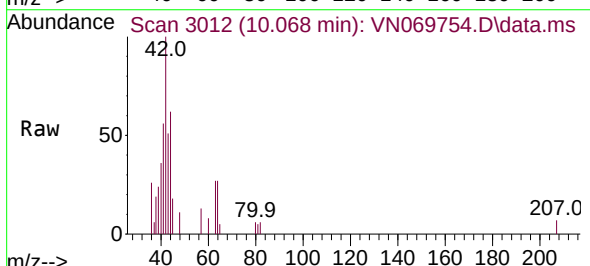
Acq: 4 Dec 2021 7:20

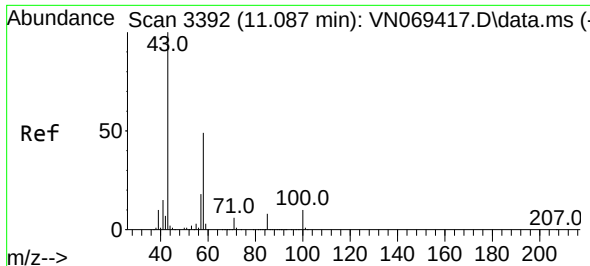
Tgt Ion: 63 Resp: 1020

Ion Ratio Lower Upper

63 100

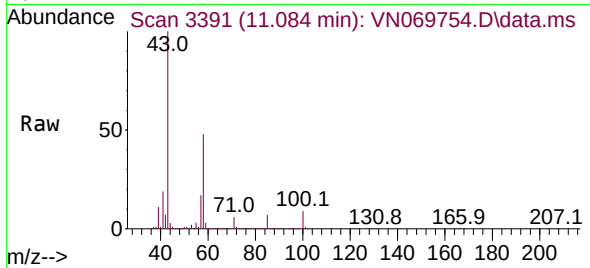
106 0.0 23.9 35.9#





#59
2-Hexanone
Concen: 227.609 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

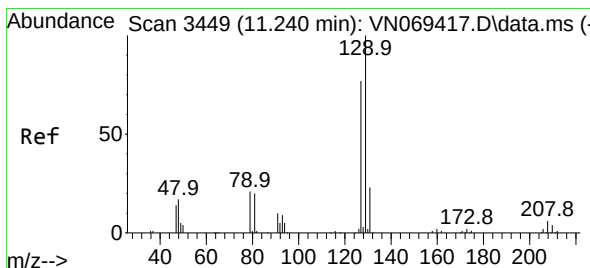
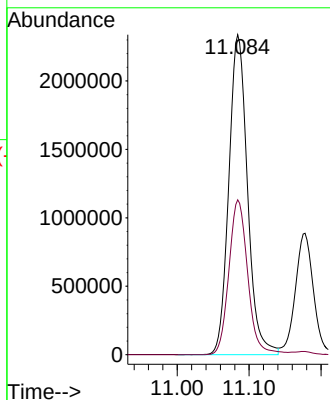
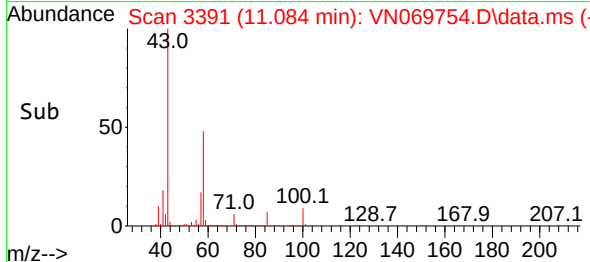
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion: 43 Resp: 422238
Ion Ratio Lower Upper
43 100
58 48.9 26.9 80.7

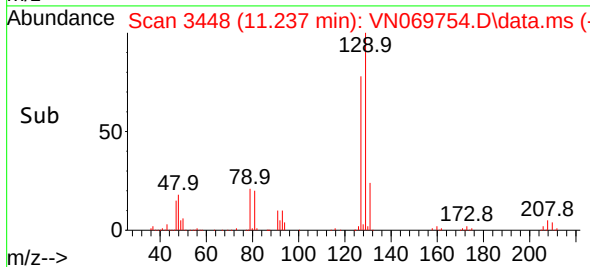
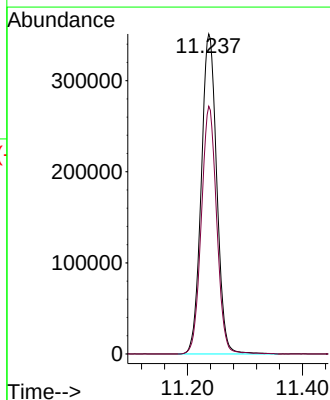
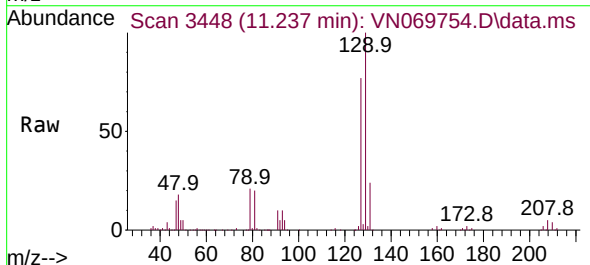
Manual Integrations
APPROVED

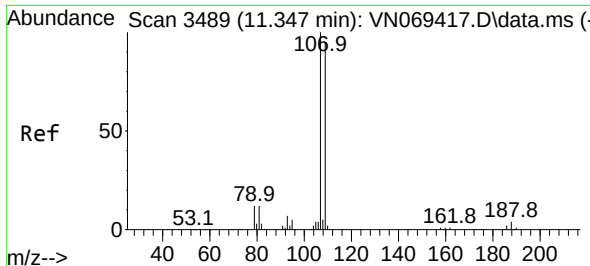
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#60
Dibromochloromethane
Concen: 47.561 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

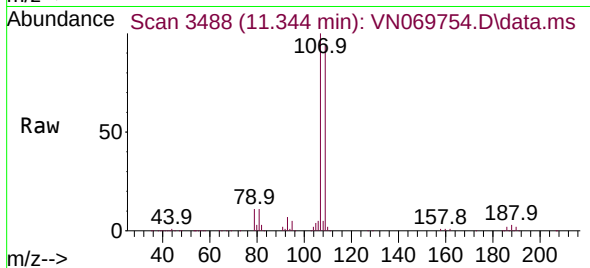
Tgt Ion:129 Resp: 656840
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.144 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

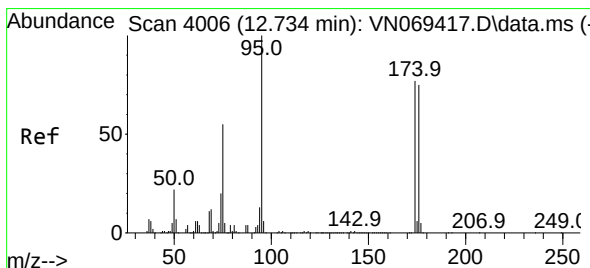
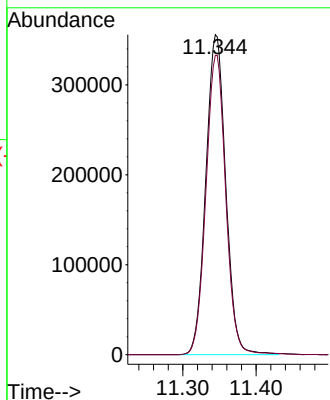
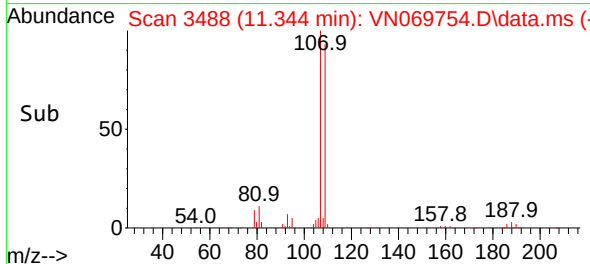
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion:107 Resp: 67116
Ion Ratio Lower Upper
107 100
109 93.3 75.7 113.5

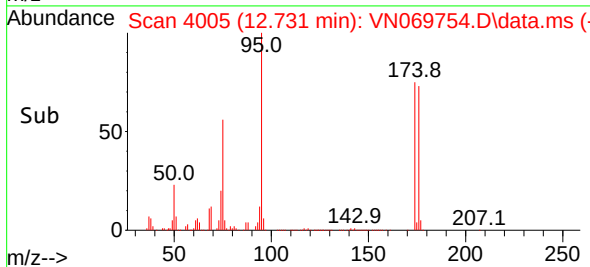
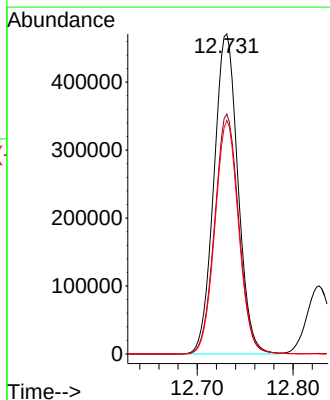
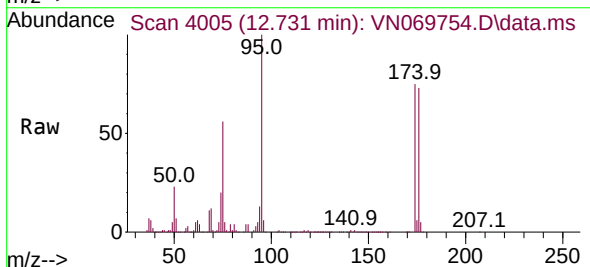
Manual Integrations
APPROVED

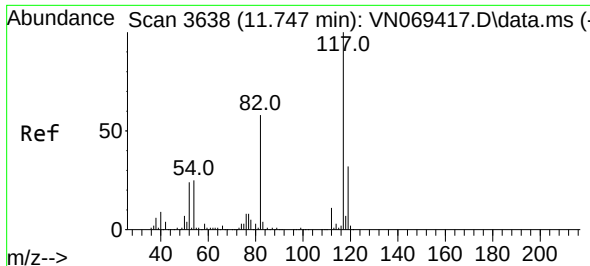
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#62
4-Bromofluorobenzene
Concen: 49.924 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

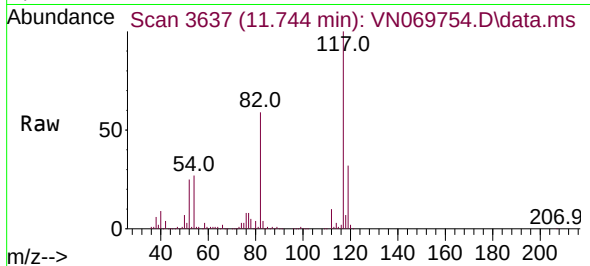
Tgt Ion: 95 Resp: 820120
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 72.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

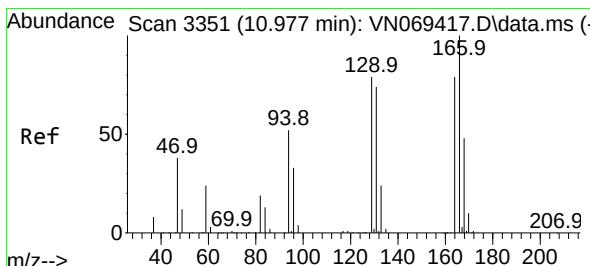
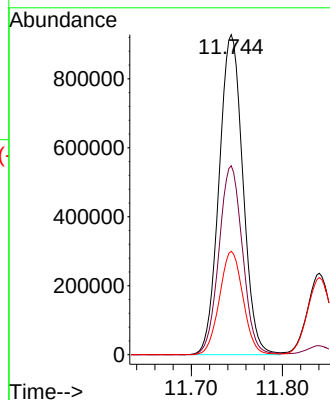
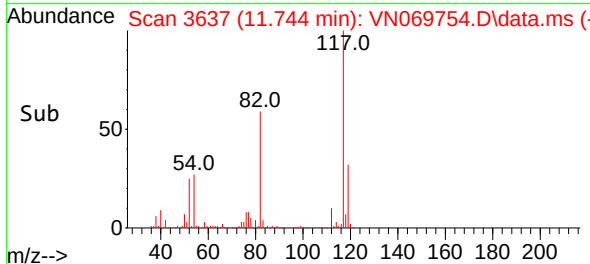
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion:117 Resp: 168424
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 32.3 25.4 38.2

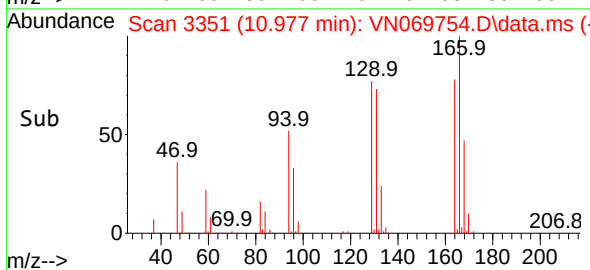
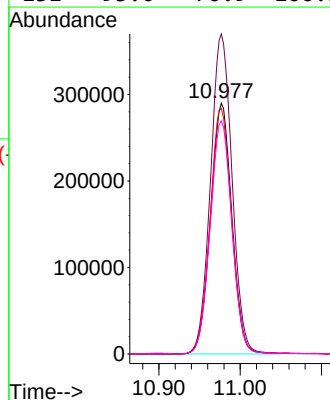
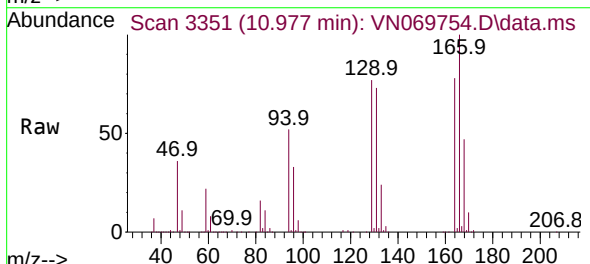
Manual Integrations
APPROVED

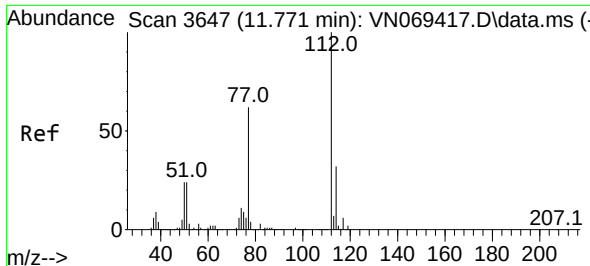
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#64
Tetrachloroethene
Concen: 46.529 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

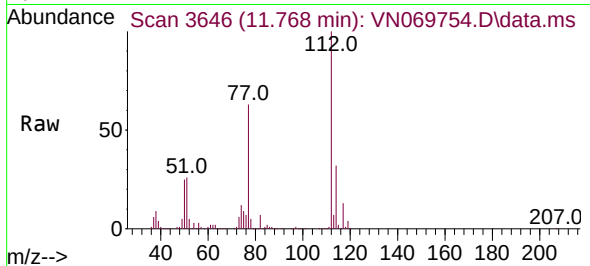
Tgt Ion:164 Resp: 531374
Ion Ratio Lower Upper
164 100
166 127.5 101.9 152.9
129 97.9 72.0 108.0
131 93.0 70.9 106.3





#65
Chlorobenzene
Concen: 49.579 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

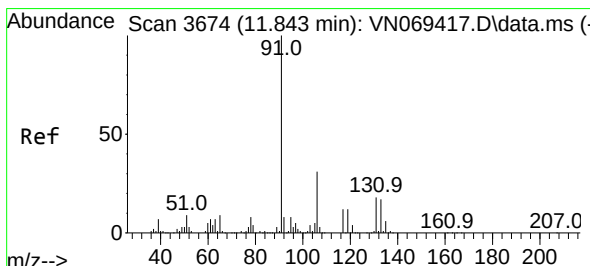
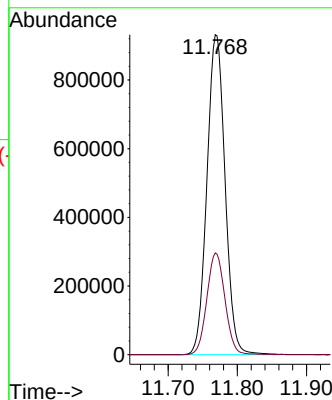
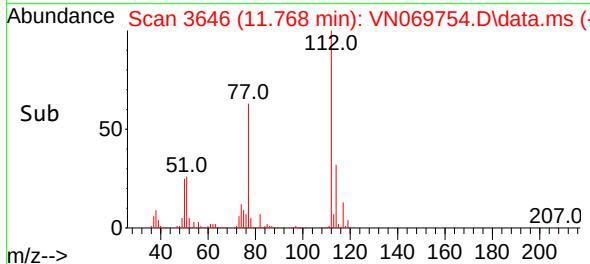
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion:112 Resp: 169401
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

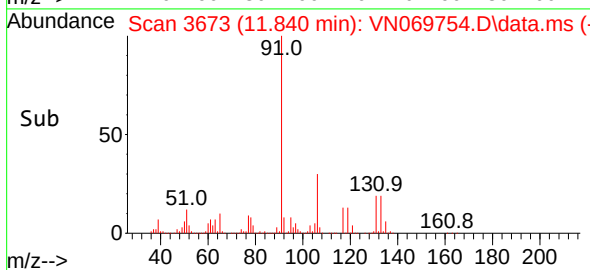
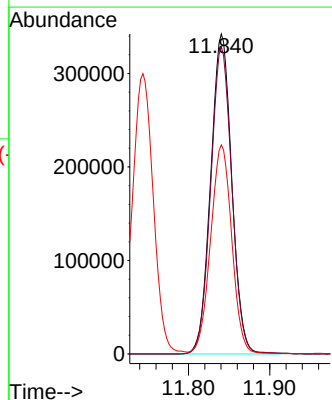
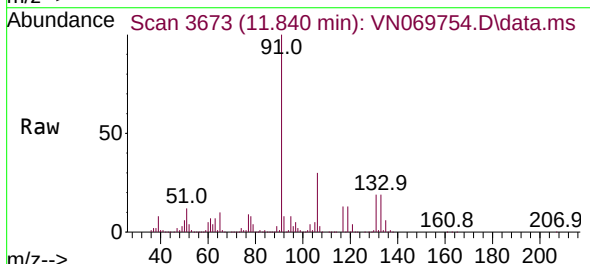
Manual Integrations
APPROVED

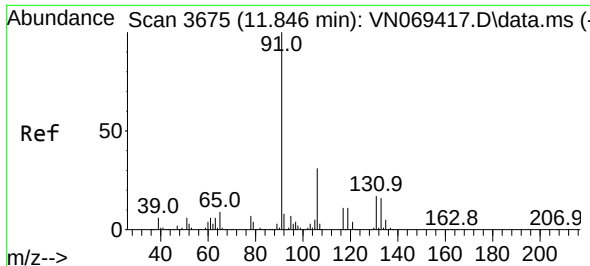
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 51.268 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

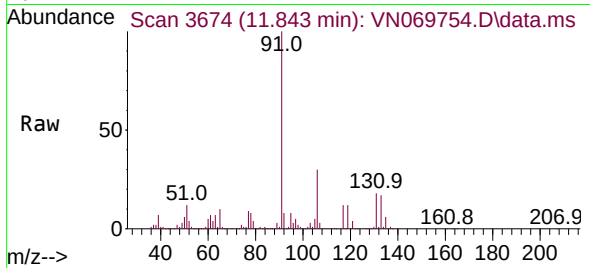
Tgt Ion:131 Resp: 616560
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.7
119 65.6 32.1 96.5





#67
Ethyl Benzene
Concen: 51.040 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

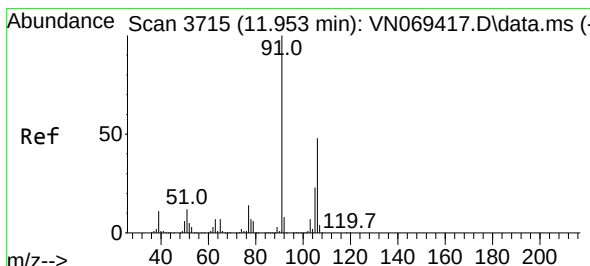
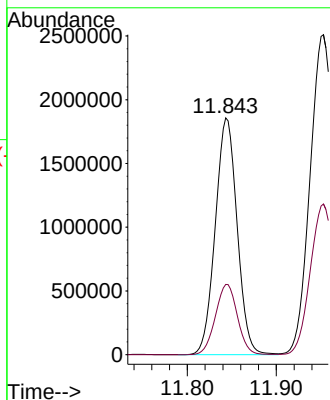
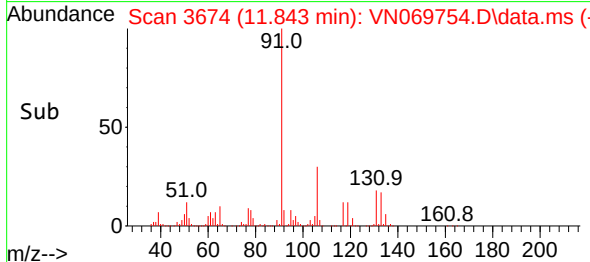
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion: 91 Resp: 316785
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5

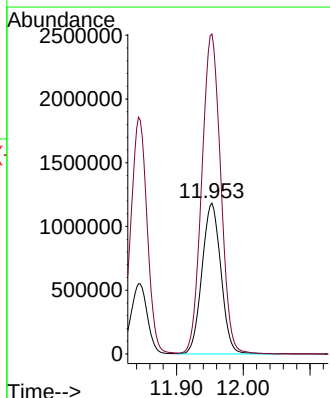
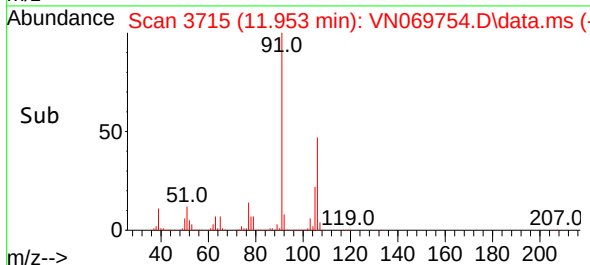
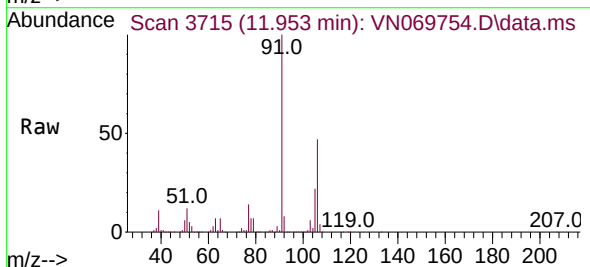
Manual Integrations
APPROVED

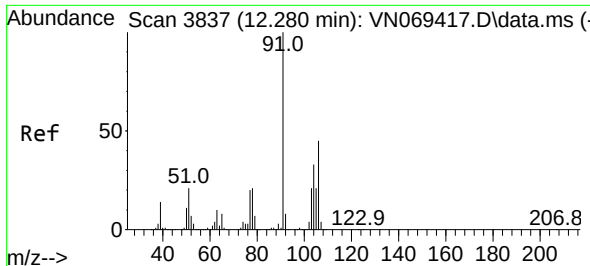
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#68
m/p-Xylenes
Concen: 102.852 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

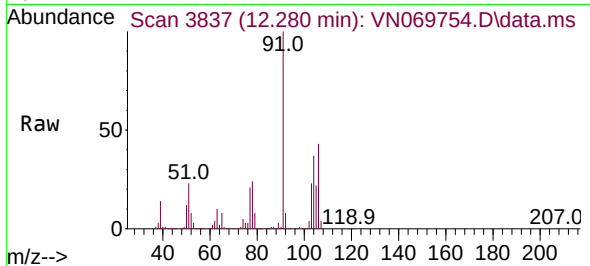
Tgt Ion:106 Resp: 2324325
Ion Ratio Lower Upper
106 100
91 212.8 160.6 240.8





#69
o-Xylene
Concen: 50.876 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

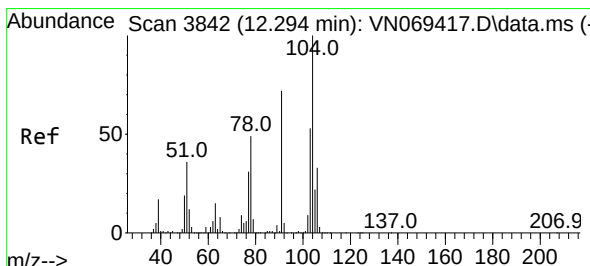
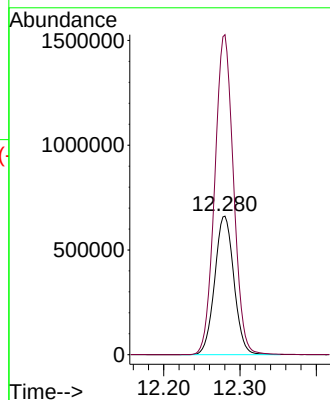
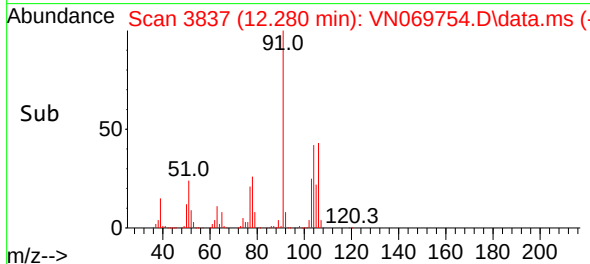
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion:106 Resp: 115809
Ion Ratio Lower Upper
106 100
91 225.8 105.8 317.3

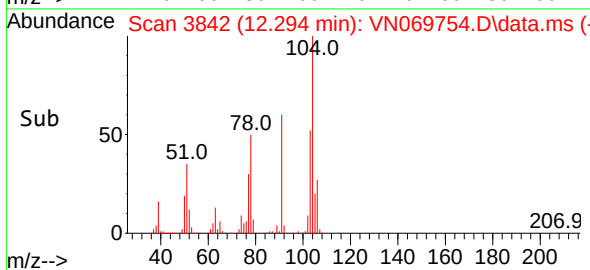
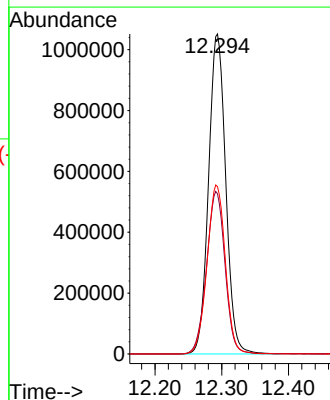
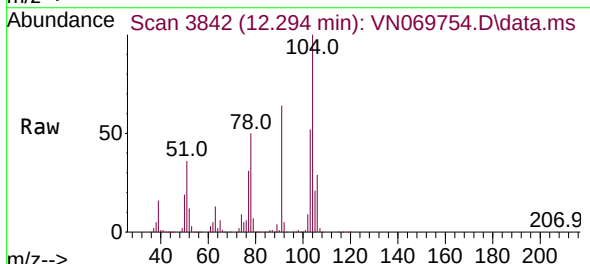
Manual Integrations
APPROVED

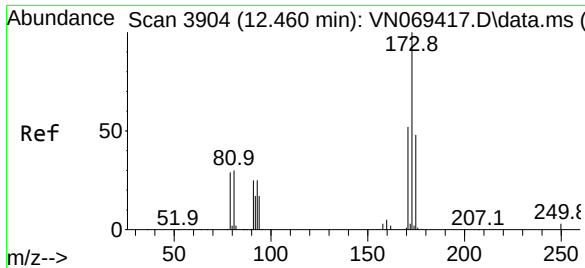
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#70
Styrene
Concen: 52.120 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

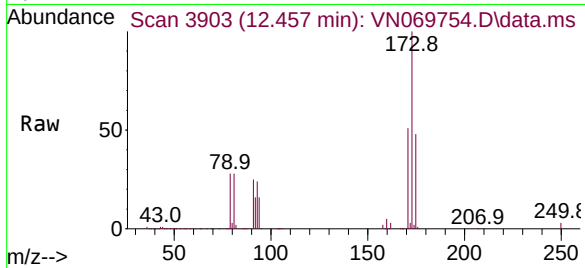
Tgt Ion:104 Resp: 1881289
Ion Ratio Lower Upper
104 100
78 54.6 38.7 58.1
103 56.3 45.0 67.6





#71
Bromoform
Concen: 45.958 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

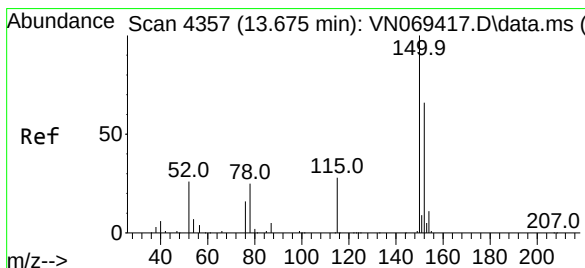
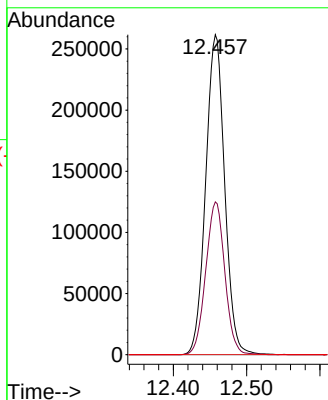
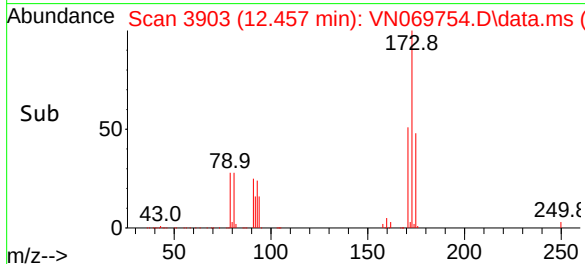
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion:173 Resp: 47032
Ion Ratio Lower Upper
173 100
175 48.1 24.2 72.6
254 0.0 0.0 0.0

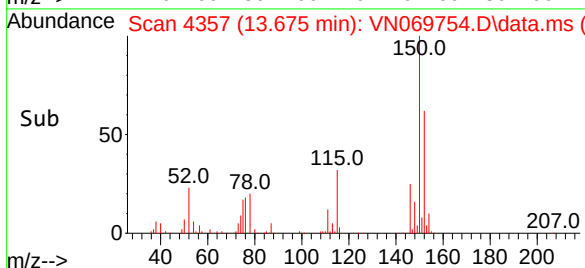
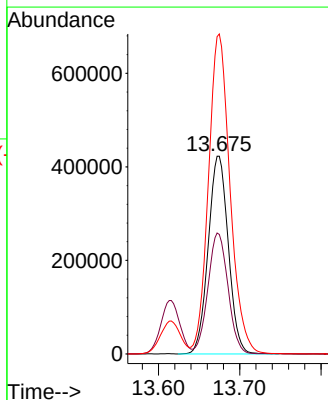
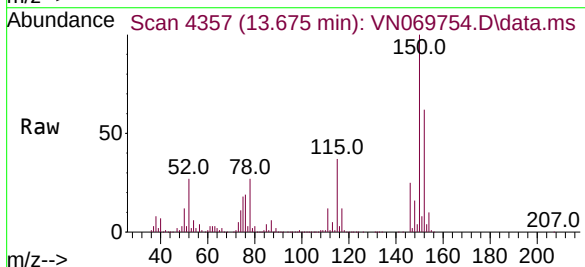
Manual Integrations
APPROVED

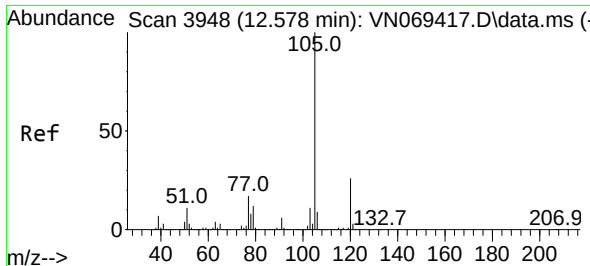
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

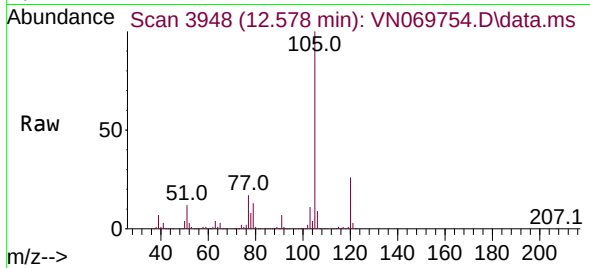
Tgt Ion:152 Resp: 725949
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 174.0 0.0 344.4





#73
Isopropylbenzene
Concen: 47.345 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

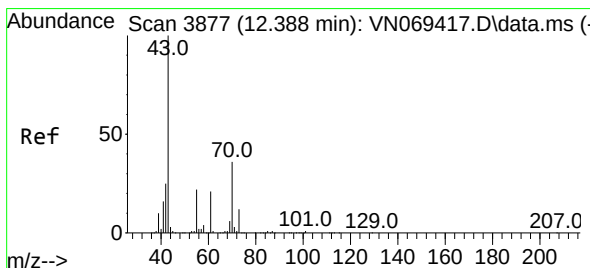
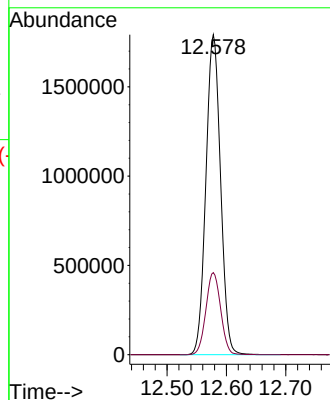
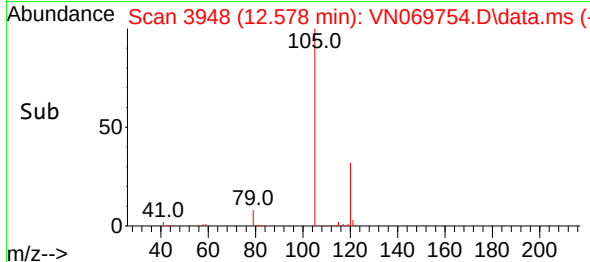
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



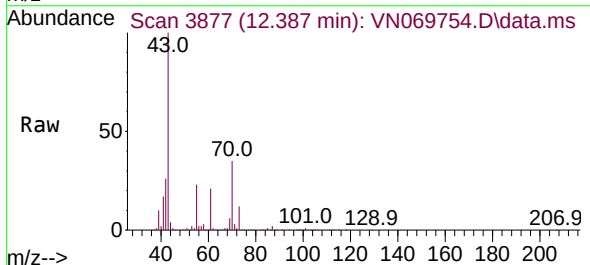
Tgt Ion:105 Resp: 305799
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

Manual Integrations
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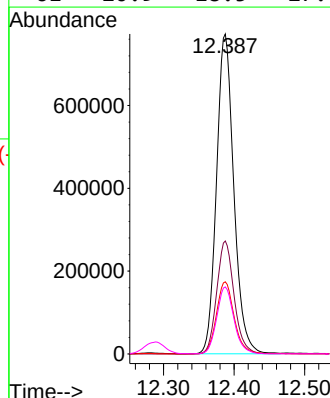
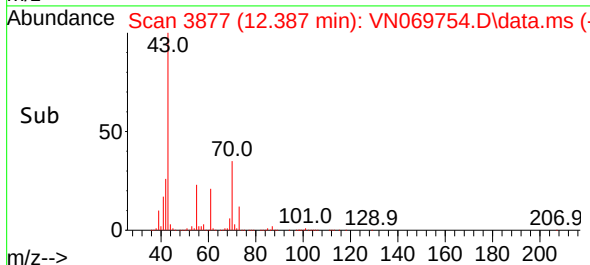
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

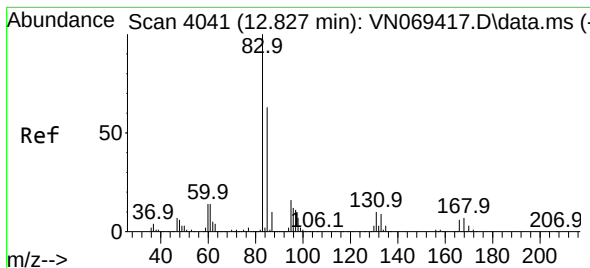


#74
N-ethyl acetate
Concen: 46.100 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20



Tgt Ion: 43 Resp: 1316801
Ion Ratio Lower Upper
43 100
70 35.5 33.4 50.0
55 23.2 19.3 28.9
61 20.9 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 46.067 ug/l

RT: 12.827 min Scan# 4041

Delta R.T. 0.000 min

Lab File: VN069754.D

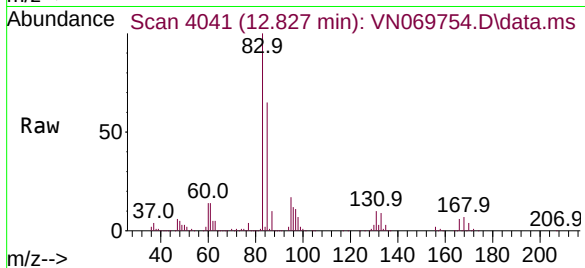
Acq: 4 Dec 2021 7:20

Instrument :

MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MS



Tgt Ion: 83 Resp: 102891

Ion Ratio Lower Upper

83 100

131 10.0 5.5 16.5

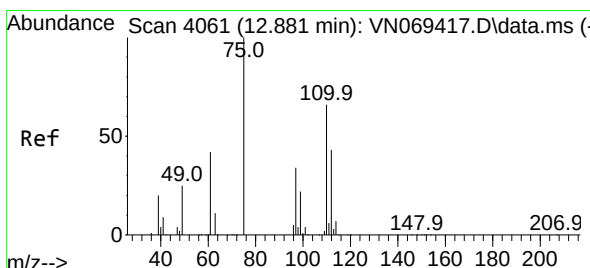
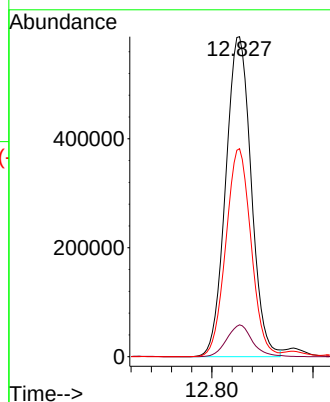
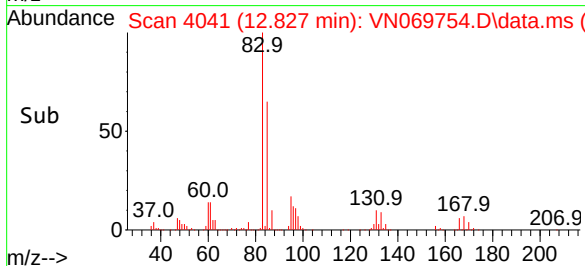
85 64.4 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#76

1,2,3-Trichloropropane

Concen: 38.147 ug/l m

RT: 12.878 min Scan# 4060

Delta R.T. -0.003 min

Lab File: VN069754.D

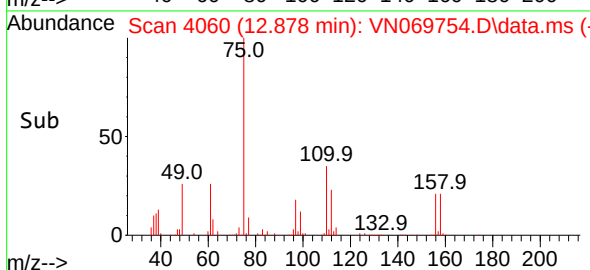
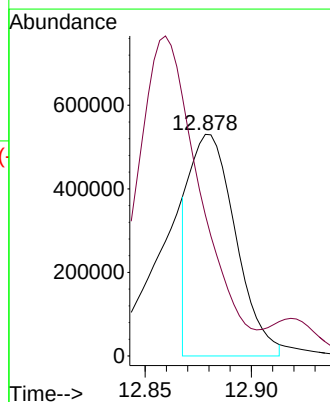
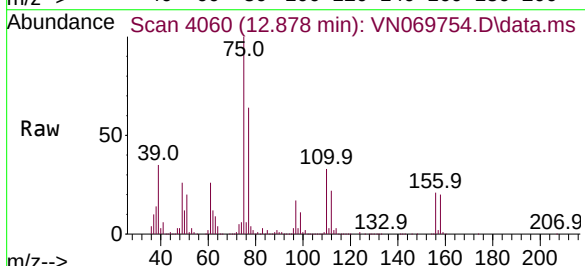
Acq: 4 Dec 2021 7:20

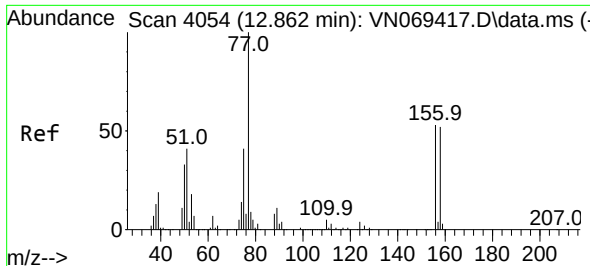
Tgt Ion: 75 Resp: 794173

Ion Ratio Lower Upper

75 100

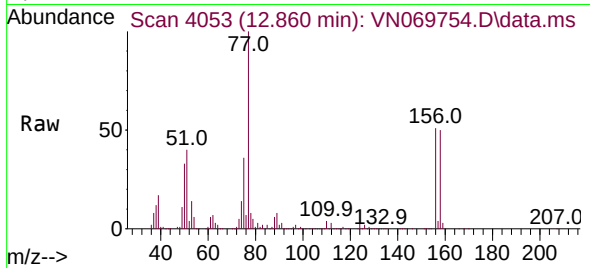
77 199.8 82.6 247.8





#77
Bromobenzene
Concen: 46.054 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

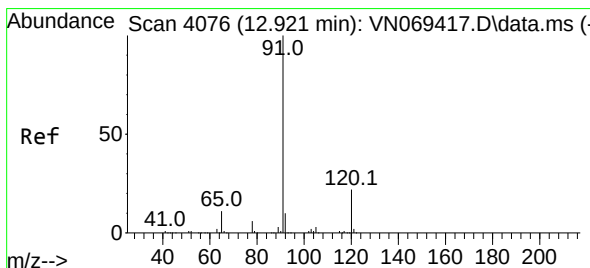
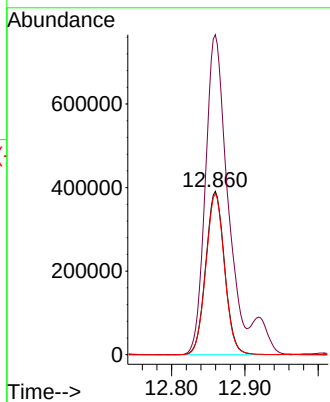
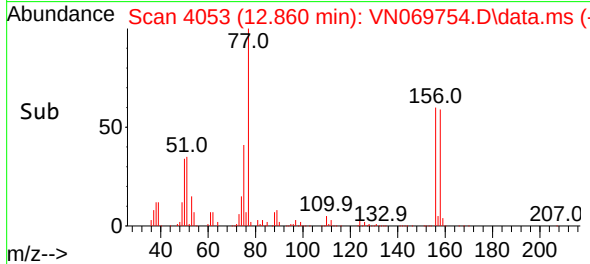
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion:156 Resp: 698694
Ion Ratio Lower Upper
156 100
77 227.0 90.6 271.8
158 97.6 48.9 146.7

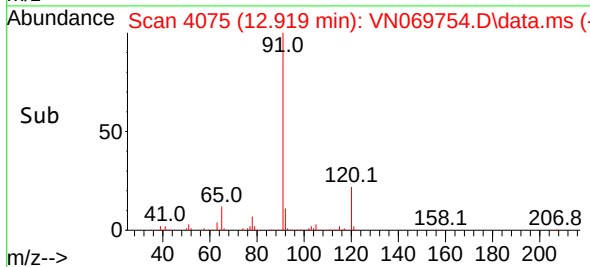
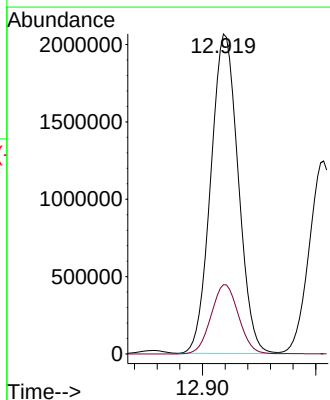
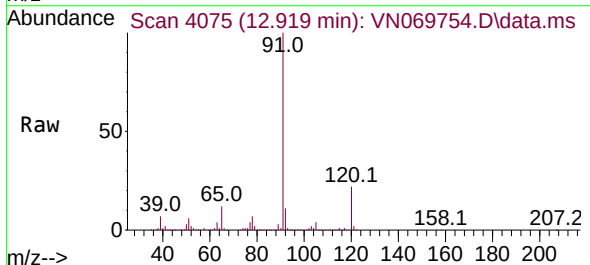
Manual Integrations
APPROVED

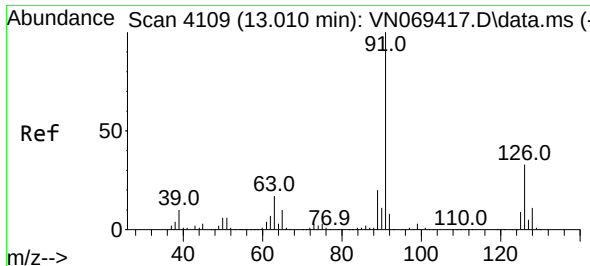
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#78
n-propylbenzene
Concen: 48.281 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

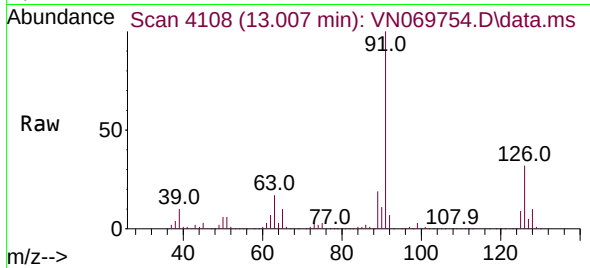
Tgt Ion: 91 Resp: 3470118
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





#79
2-Chlorotoluene
Concen: 47.002 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

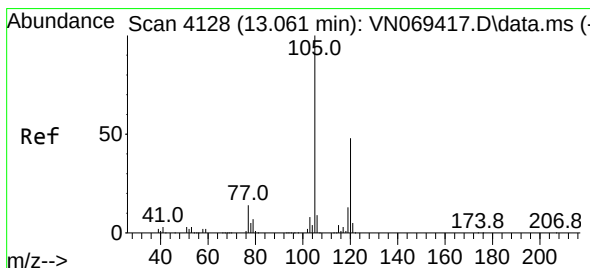
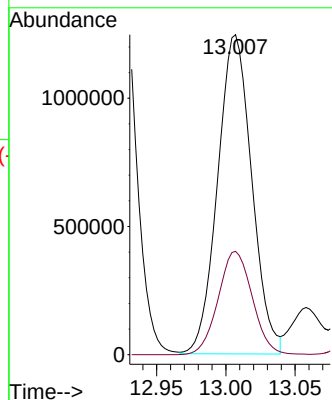
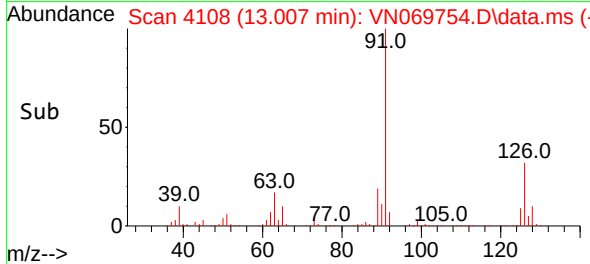
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



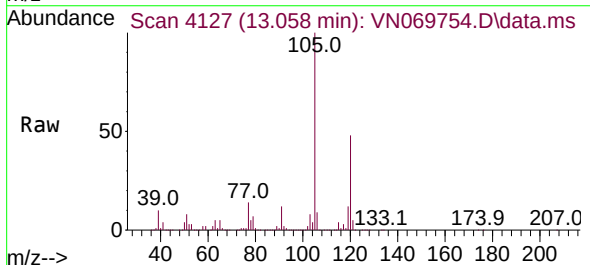
Tgt Ion: 91 Resp: 2134600
Ion Ratio Lower Upper
91 100
126 32.4 18.3 54.8

Manual Integrations
APPROVED

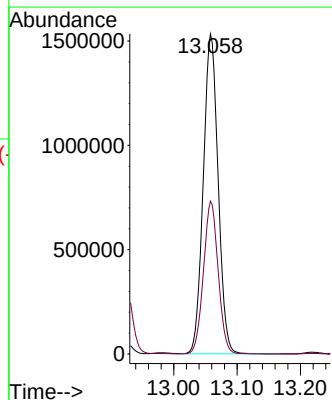
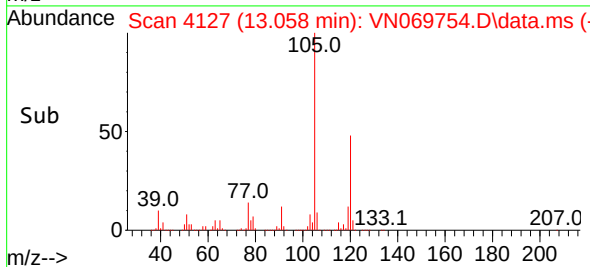
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

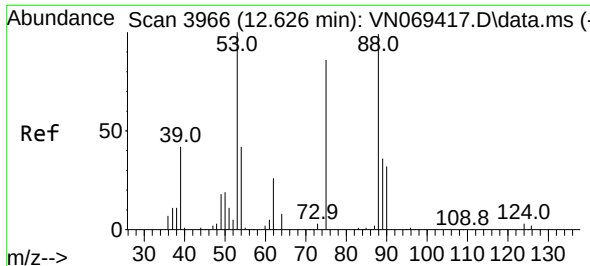


#80
1,3,5-Trimethylbenzene
Concen: 47.982 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20



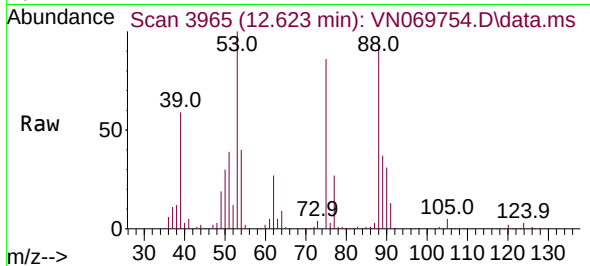
Tgt Ion:105 Resp: 2494446
Ion Ratio Lower Upper
105 100
120 47.1 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 36.380 ug/l
RT: 12.623 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

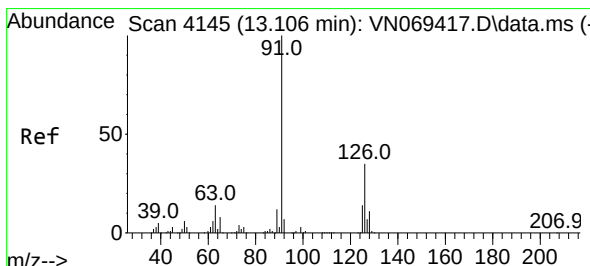
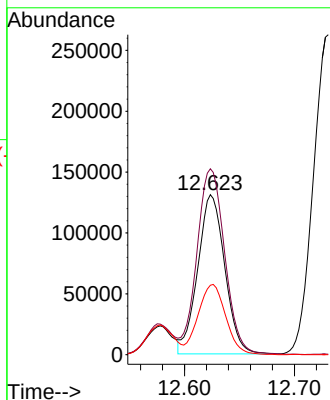
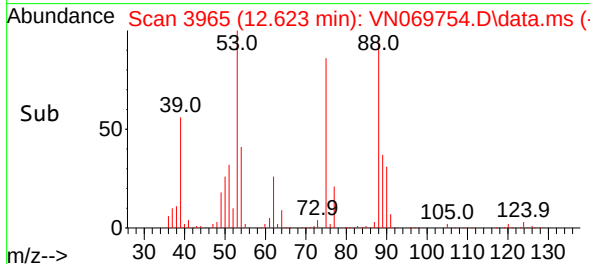
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion: 75 Resp: 223750
Ion Ratio Lower Upper
75 100
53 120.3 90.5 135.7
89 45.0 38.2 57.4

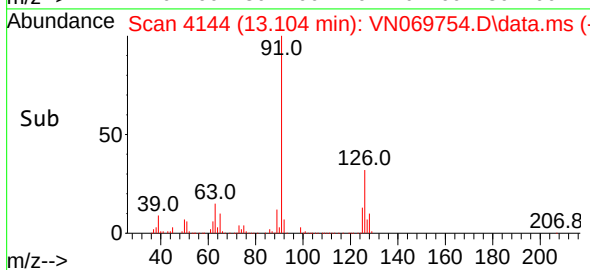
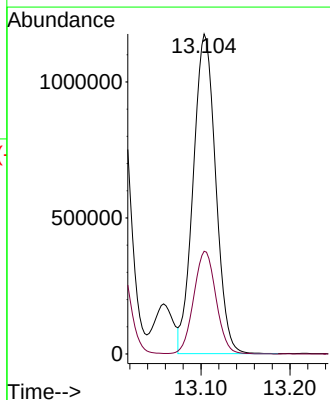
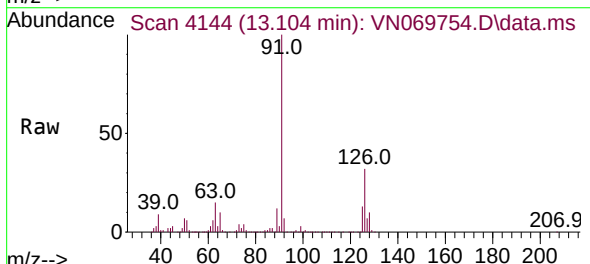
Manual Integrations
APPROVED

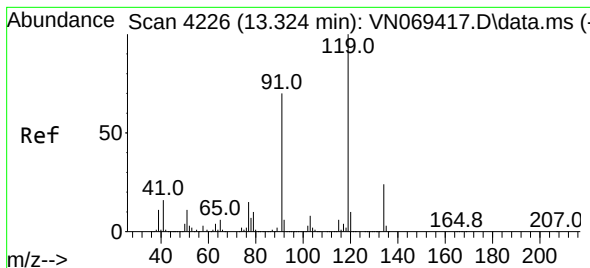
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#82
4-Chlorotoluene
Concen: 48.179 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

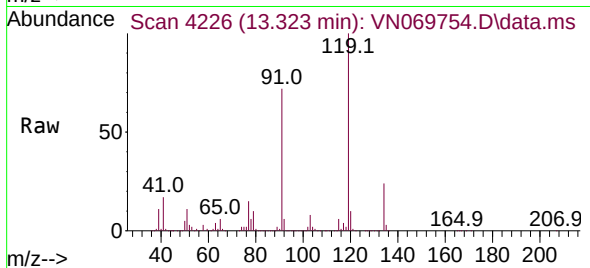
Tgt Ion: 91 Resp: 2057716
Ion Ratio Lower Upper
91 100
126 32.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 46.831 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

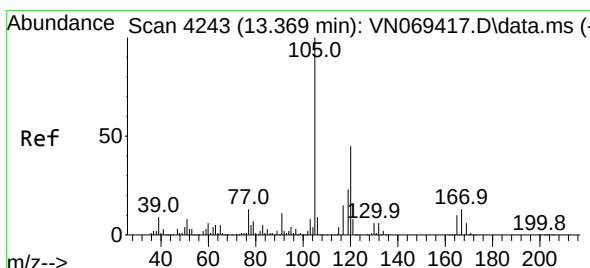
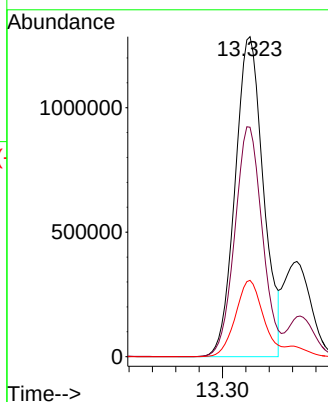
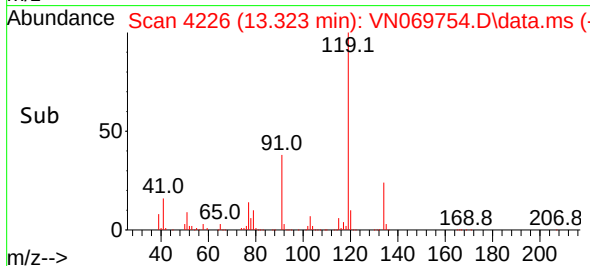
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



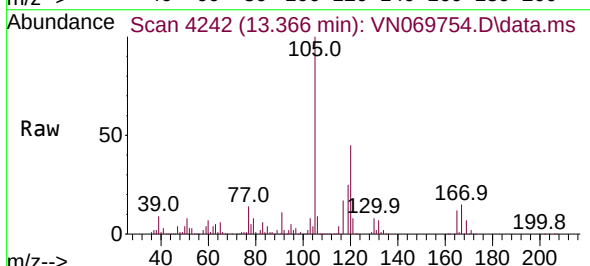
Tgt Ion:119 Resp: 2155750
Ion Ratio Lower Upper
119 100
91 70.5 31.5 94.5
134 23.8 12.4 37.4

Manual Integrations
APPROVED

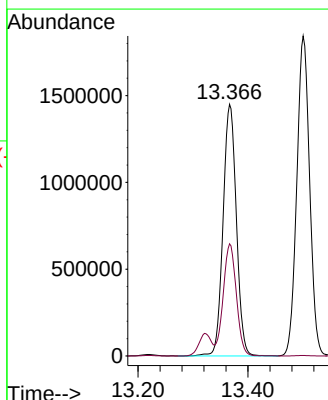
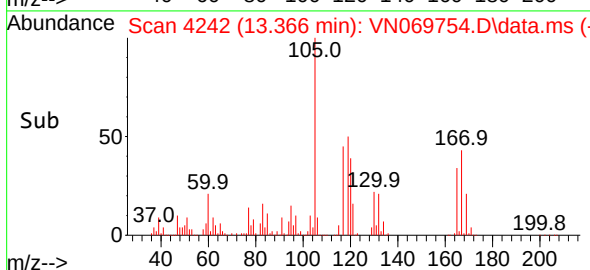
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

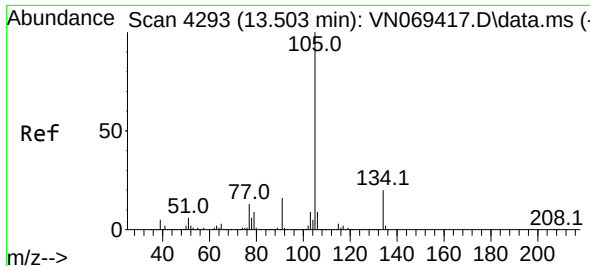


#84
1,2,4-Trimethylbenzene
Concen: 49.126 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20



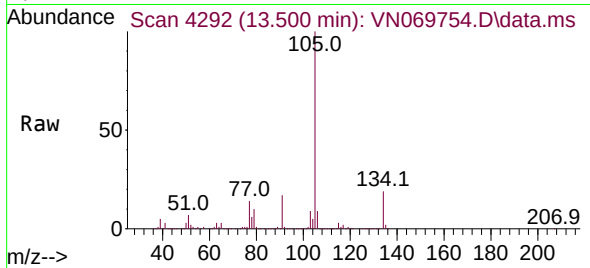
Tgt Ion:105 Resp: 2432246
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 47.835 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN069754.D
 Acq: 4 Dec 2021 7:20

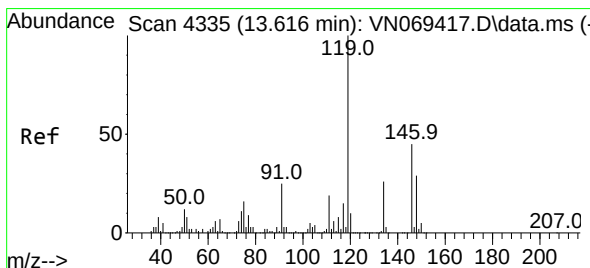
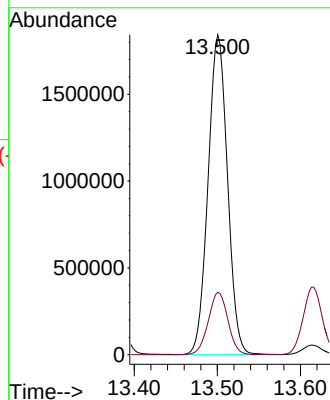
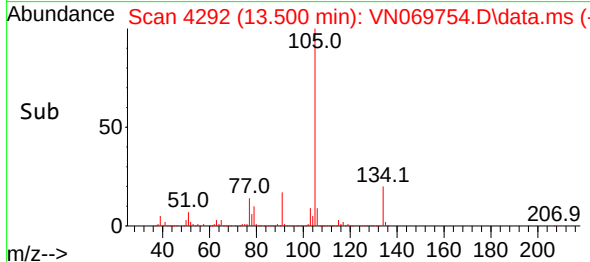
Instrument :
 MSVOA_N
 ClientSampleId :
 FDR-MW-4-20211202MS



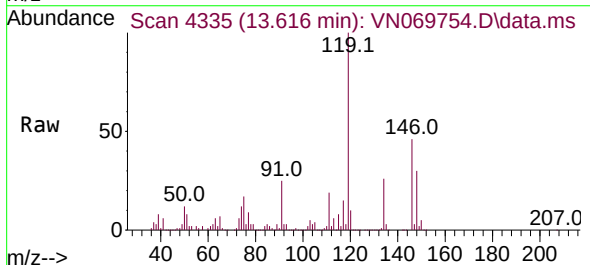
Tgt Ion:105 Resp: 2986758
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

Manual Integrations
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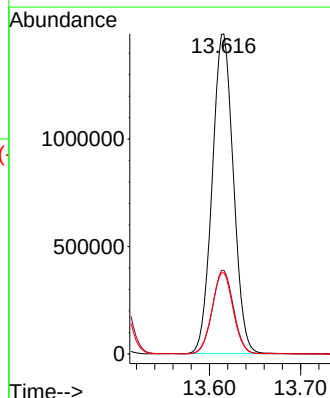
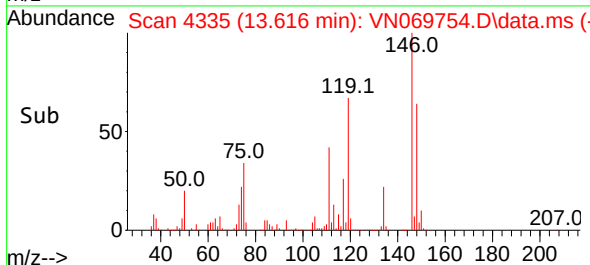
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

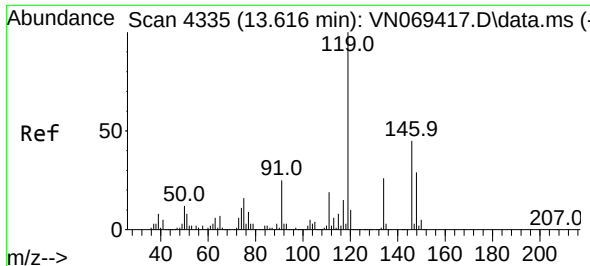


#86
 p-Isopropyltoluene
 Concen: 49.171 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069754.D
 Acq: 4 Dec 2021 7:20



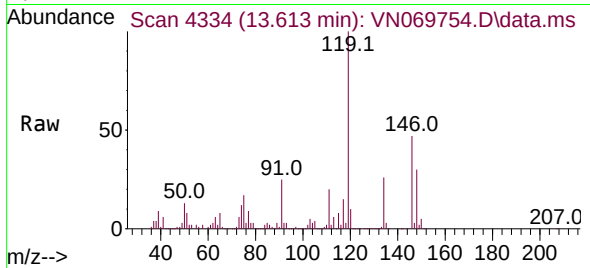
Tgt Ion:119 Resp: 2399825
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.6 40.7
 91 25.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 48.255 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

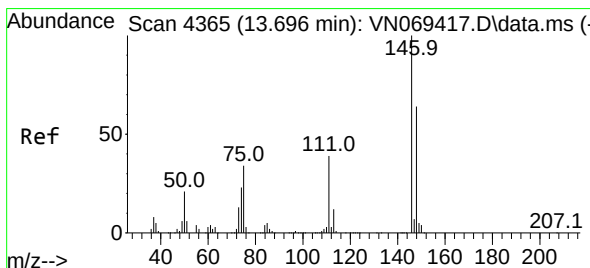
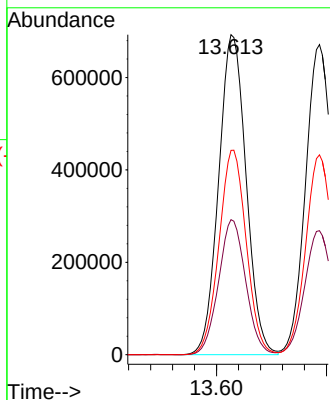
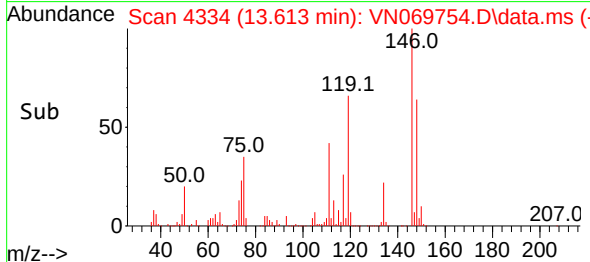
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



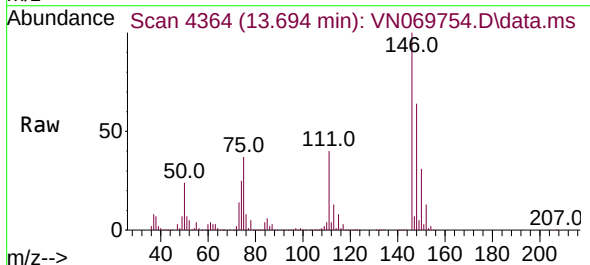
Tgt Ion:146 Resp: 1202680
Ion Ratio Lower Upper
146 100
111 41.6 18.6 55.6
148 63.5 31.6 95.0

Manual Integrations
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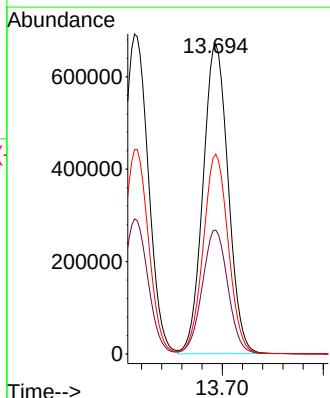
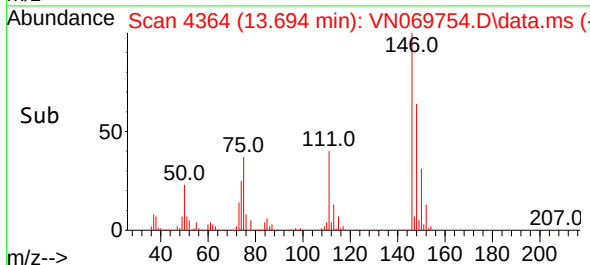
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

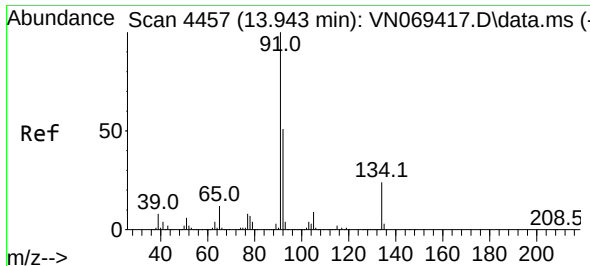


#88
1,4-Dichlorobenzene
Concen: 47.338 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20



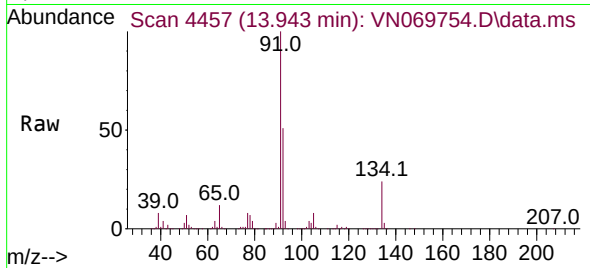
Tgt Ion:146 Resp: 1159452
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 64.5 31.8 95.4





#89
n-Butylbenzene
Concen: 49.593 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

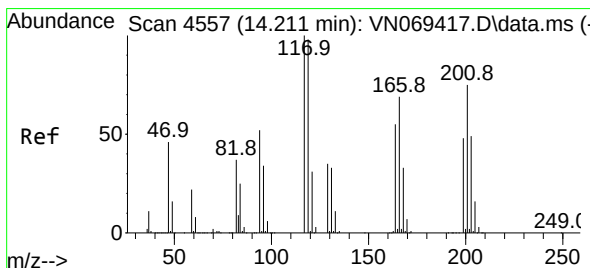
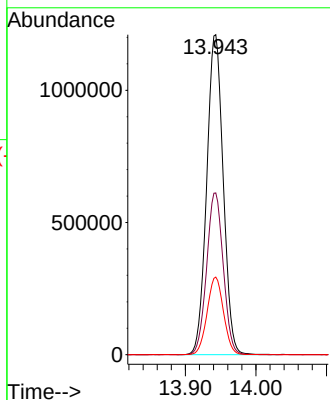
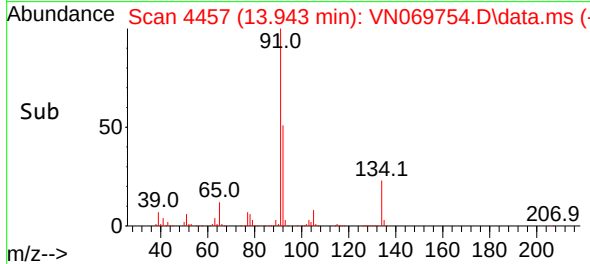
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion: 91 Resp: 1963429
Ion Ratio Lower Upper
91 100
92 51.0 25.4 76.0
134 24.2 13.6 40.8

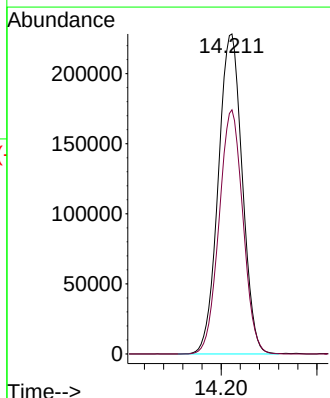
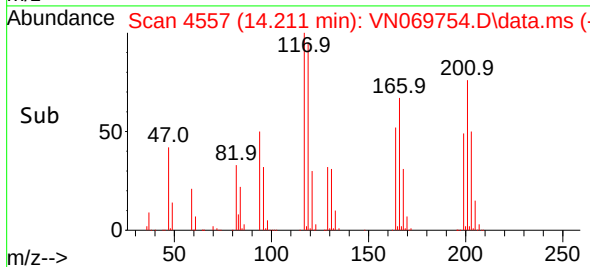
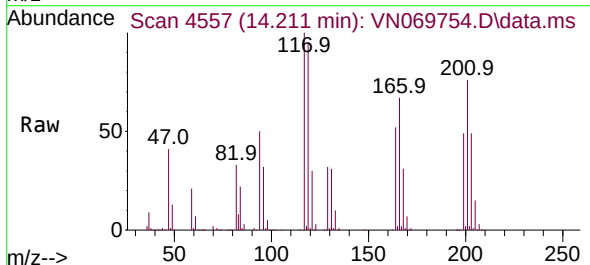
Manual Integrations
APPROVED

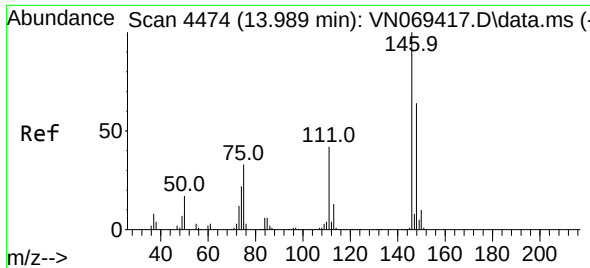
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#90
Hexachloroethane
Concen: 46.240 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

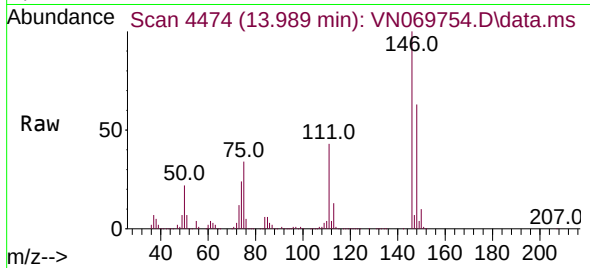
Tgt Ion:117 Resp: 396223
Ion Ratio Lower Upper
117 100
201 75.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 48.354 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

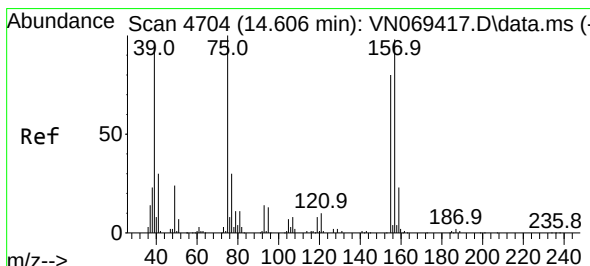
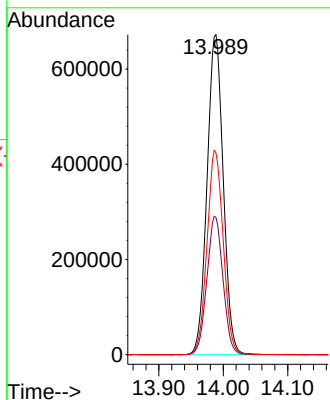
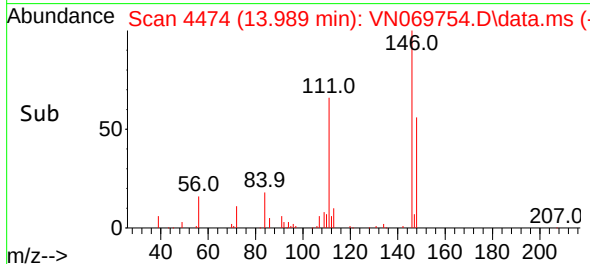
Instrument :
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ClientSampleId :
FDR-MW-4-20211202MS



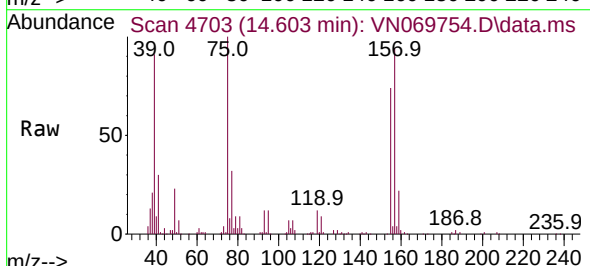
Tgt Ion:146 Resp: 117424
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 63.7 32.1 96.3

Manual Integrations
APPROVED

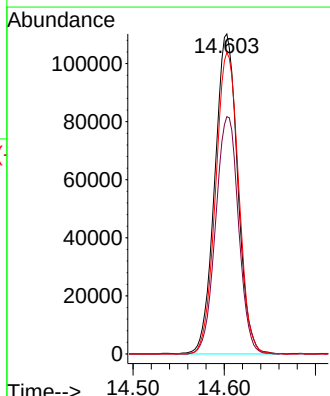
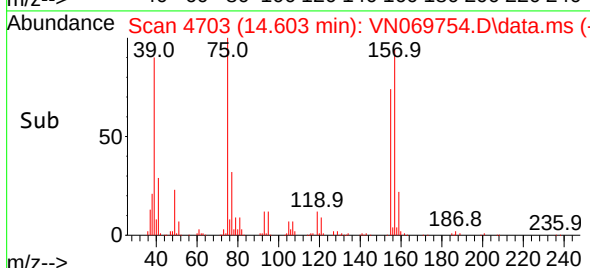
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

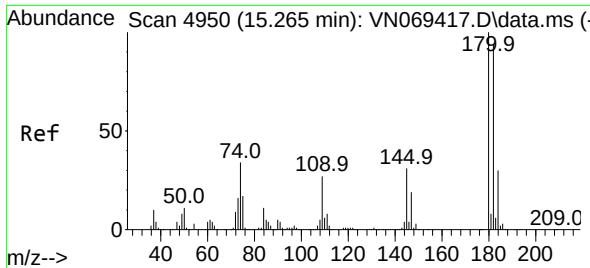


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.665 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20



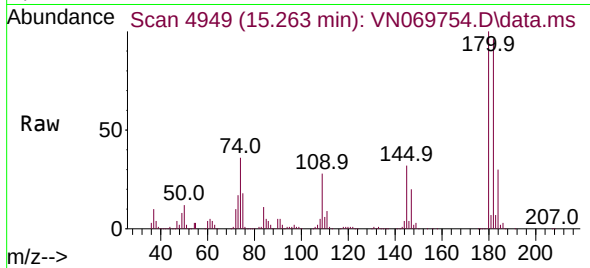
Tgt Ion: 75 Resp: 192375
Ion Ratio Lower Upper
75 100
155 74.0 46.9 140.7
157 94.5 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 46.669 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

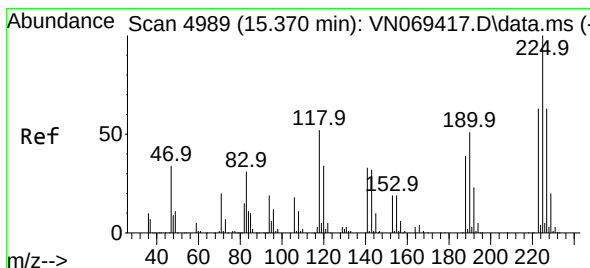
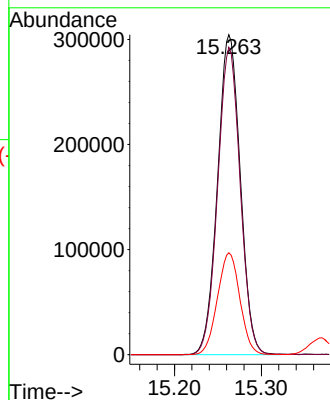
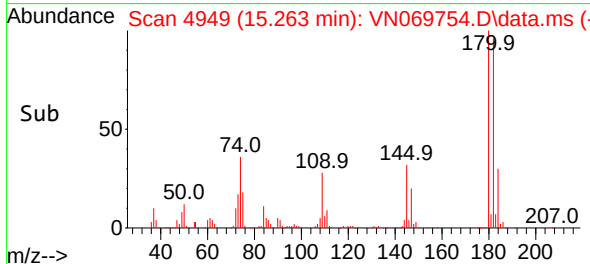
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion:180 Resp: 55343
Ion Ratio Lower Upper
180 100
182 95.0 48.3 144.9
145 31.5 14.5 43.5

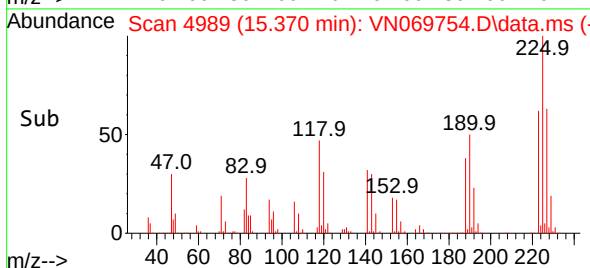
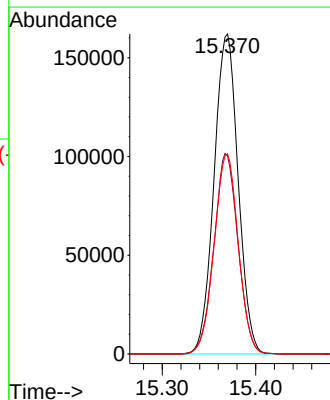
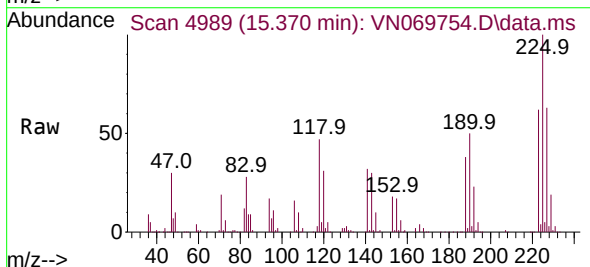
Manual Integrations
APPROVED

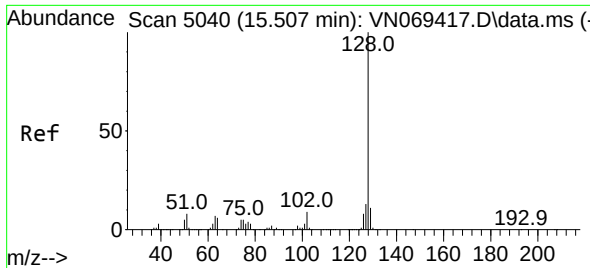
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#94
Hexachlorobutadiene
Concen: 45.201 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

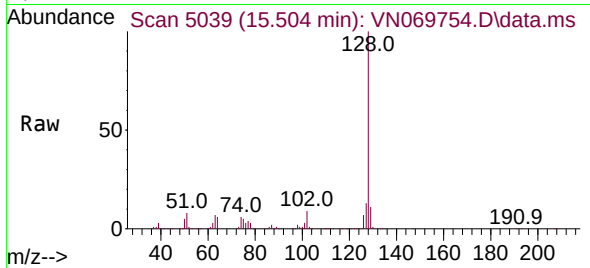
Tgt Ion:225 Resp: 290910
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.7
227 62.6 32.1 96.3





#95
Naphthalene
Concen: 47.247 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

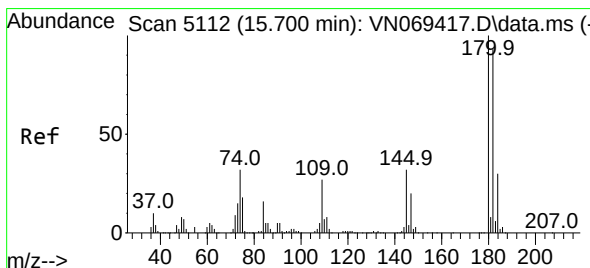
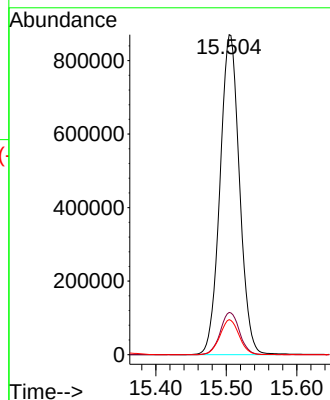
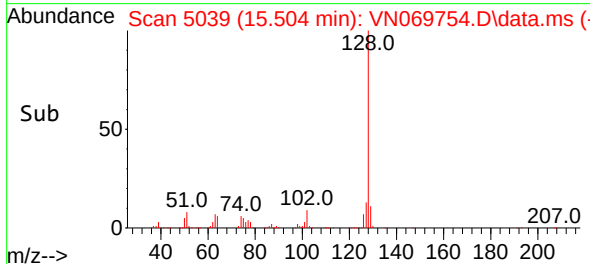
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MS



Tgt Ion:128 Resp: 1667734
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#96
1,2,3-Trichlorobenzene
Concen: 47.715 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069754.D
Acq: 4 Dec 2021 7:20

Tgt Ion:180 Resp: 552506
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 32.9 15.0 45.1

