

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070131.D
 Acq On : 16 Dec 2021 12:23
 Operator : JC/MD
 Sample : VN1216MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/17/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 16 15:46:44 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

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	1016842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1656800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1539073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	632064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	809778	51.578	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.160%			
35) Dibromofluoromethane	8.021	113	543181	52.340	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.680%			
50) Toluene-d8	10.443	98	2166336	51.987	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.980%			
62) 4-Bromofluorobenzene	12.731	95	758809	50.265	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.072	85	265951	22.424	ug/l	98
3) Chloromethane	2.303	50	314233	21.149	ug/l	98
4) Vinyl Chloride	2.445	62	275238	20.146	ug/l	99
5) Bromomethane	2.850	94	154046	20.754	ug/l	98
6) Chloroethane	3.017	64	160547	19.177	ug/l	100
7) Trichlorofluoromethane	3.371	101	334776	18.670	ug/l	98
8) Diethyl Ether	3.826	74	150245	21.756	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.199	101	211329	21.025	ug/l	96
10) Methyl Iodide	4.416	142	282252	20.555	ug/l	99
11) Tert butyl alcohol	5.385	59	264877	89.254	ug/l	100
12) 1,1-Dichloroethene	4.175	96	193377	19.965	ug/l	88
13) Acrolein	4.041	56	345867	136.855	ug/l	98
14) Allyl chloride	4.838	41	455868	20.887	ug/l #	89
15) Acrylonitrile	5.559	53	824327	103.081	ug/l	98
16) Acetone	4.290	43	989808	104.805	ug/l	97
17) Carbon Disulfide	4.524	76	500025	19.982	ug/l	98
18) Methyl Acetate	4.859	43	585205	20.528	ug/l	90
19) Methyl tert-butyl Ether	5.621	73	789050	20.951	ug/l	95
20) Methylene Chloride	5.092	84	251211	20.009	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	212316	20.182	ug/l	85
22) Diisopropyl ether	6.500	45	935824	21.937	ug/l #	92
23) Vinyl Acetate	6.436	43	3702404	106.679	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	458861	20.765	ug/l	98
25) 2-Butanone	7.340	43	1282366	99.935	ug/l	91
26) 2,2-Dichloropropane	7.324	77	338452	19.699	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	256988	20.219	ug/l	86
28) Bromochloromethane	7.656	49	242219	21.078	ug/l #	76
29) Tetrahydrofuran	7.689	42	812085	104.221	ug/l #	86
30) Chloroform	7.820	83	459035	20.568	ug/l	99
31) Cyclohexane	8.093	56	459076	21.011	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	377527	19.859	ug/l	97
36) 1,1-Dichloropropene	8.222	75	332609	21.088	ug/l	96
37) Ethyl Acetate	7.415	43	476348	20.292	ug/l	95
38) Carbon Tetrachloride	8.206	117	295693	19.118	ug/l	95
39) Methylcyclohexane	9.461	83	397821	21.205	ug/l	90
40) Benzene	8.461	78	1020486	21.168	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	235897	21.407	ug/l	89
42) 1,2-Dichloroethane	8.531	62	408984	21.015	ug/l	97
43) Isopropyl Acetate	8.563	43	719707	20.717	ug/l #	93
44) Trichloroethene	9.217	130	231420	20.112	ug/l	84
45) 1,2-Dichloropropane	9.491	63	277387	21.426	ug/l	99
46) Dibromomethane	9.579	93	177144	20.864	ug/l	93
47) Bromodichloromethane	9.762	83	339458	21.117	ug/l	97
48) Methyl methacrylate	9.561	41	335181	20.675	ug/l	86
49) 1,4-Dioxane	9.571	88	122092	419.717	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	2418228	107.304	ug/l	95
52) Toluene	10.505	92	620208	21.072	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	348869	19.827	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	391412	20.514	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	251377	21.168	ug/l	96
56) Ethyl methacrylate	10.762	69	409346	19.715	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	449692	21.506	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	429087	84.085	ug/l	90
59) 2-Hexanone	11.087	43	1758718	103.163	ug/l	92
60) Dibromochloromethane	11.239	129	226195	19.308	ug/l	99
61) 1,2-Dibromoethane	11.347	107	253879	20.640	ug/l	100
64) Tetrachloroethene	10.979	164	215450	20.645	ug/l	95
65) Chlorobenzene	11.770	112	642039	20.563	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	221348	20.142	ug/l	99
67) Ethyl Benzene	11.846	91	1190986	20.999	ug/l	97
68) m/p-Xylenes	11.953	106	866922	41.980	ug/l	91
69) o-Xylene	12.280	106	427239	20.539	ug/l	90
70) Styrene	12.296	104	689901	20.916	ug/l	95
71) Bromoform	12.460	173	159156	18.739	ug/l #	98
73) Isopropylbenzene	12.580	105	1120730	19.929	ug/l	98
74) N-amyl acetate	12.390	43	480268	19.311	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	397461	20.439	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	347861m	19.191	ug/l	
77) Bromobenzene	12.862	156	261524	19.799	ug/l	77
78) n-propylbenzene	12.921	91	1274929	20.373	ug/l	95
79) 2-Chlorotoluene	13.007	91	794386	20.090	ug/l	92
80) 1,3,5-Trimethylbenzene	13.060	105	907540	20.050	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	92257	19.366	ug/l	85
82) 4-Chlorotoluene	13.106	91	758778	20.405	ug/l	91
83) tert-Butylbenzene	13.323	119	781050	19.488	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	899737	20.872	ug/l	97
85) sec-Butylbenzene	13.503	105	1085869	19.974	ug/l	96
86) p-Isopropyltoluene	13.616	119	853044	20.074	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	440203	20.286	ug/l	97
88) 1,4-Dichlorobenzene	13.693	146	427957	20.068	ug/l	96
89) n-Butylbenzene	13.943	91	680439	19.740	ug/l	97
90) Hexachloroethane	14.211	117	133317	17.869	ug/l	88
91) 1,2-Dichlorobenzene	13.988	146	432336	20.447	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	66709	18.984	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	191392	20.272	ug/l	98
94) Hexachlorobutadiene	15.370	225	117537	20.975	ug/l	98
95) Naphthalene	15.506	128	519627	19.467	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	191445	20.455	ug/l	99

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ClientSampleId :
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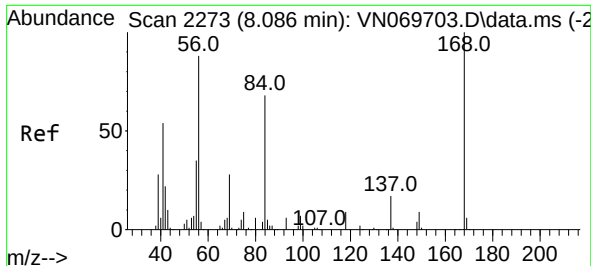
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APPROVED

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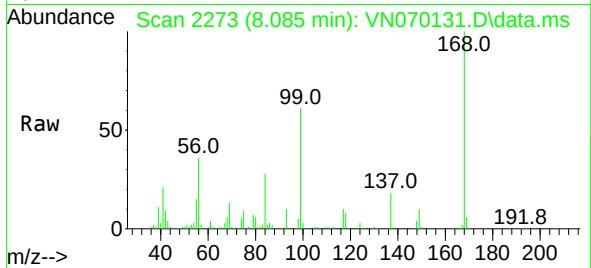
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN070131.D
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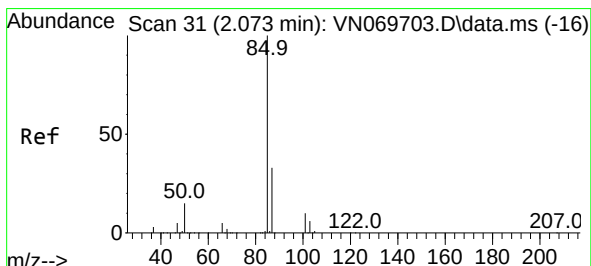
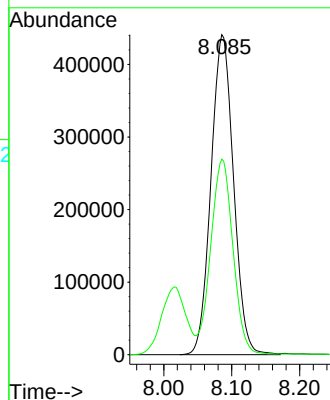
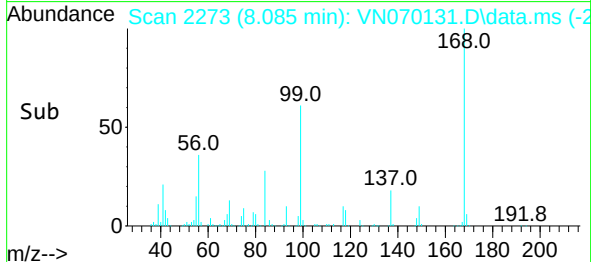
Instrument :
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VN1216MBS01



Tgt Ion:168 Resp: 101684
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9

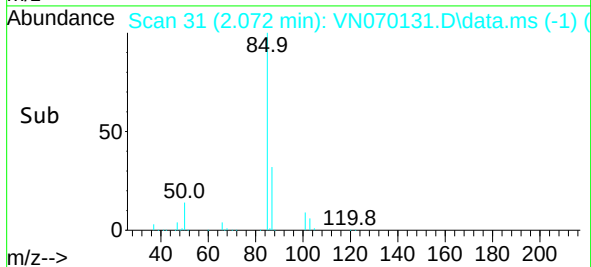
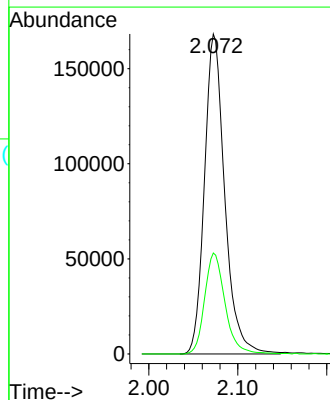
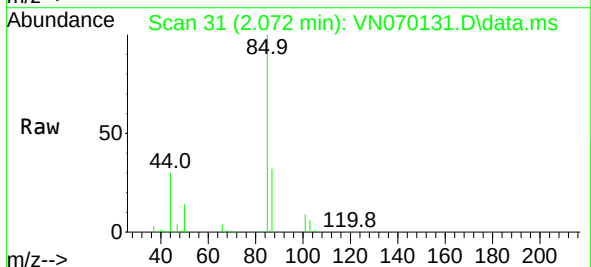
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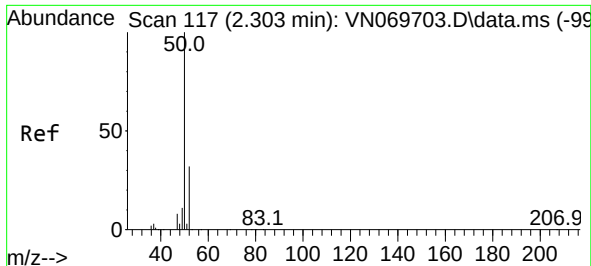
Reviewed By :John Carlone 12/17/2021
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#2
Dichlorodifluoromethane
Concen: 22.424 ug/l
RT: 2.072 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

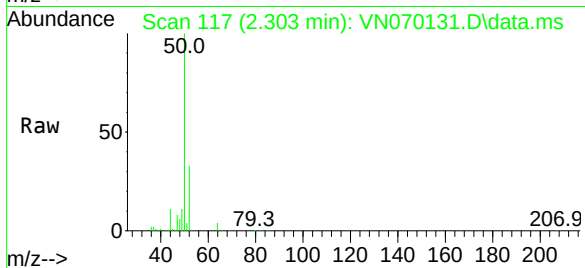
Tgt Ion: 85 Resp: 265951
Ion Ratio Lower Upper
85 100
87 31.5 16.3 48.9





#3
Chloromethane
Concen: 21.149 ug/l
RT: 2.303 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

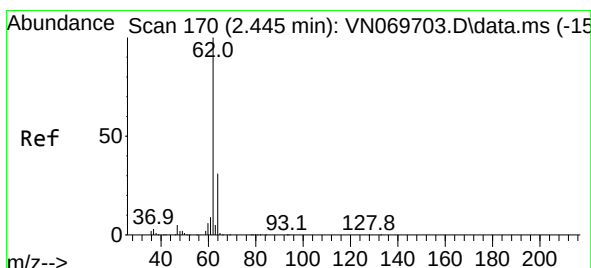
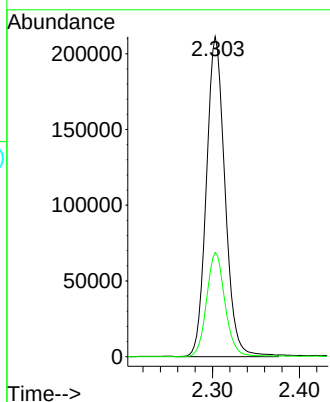
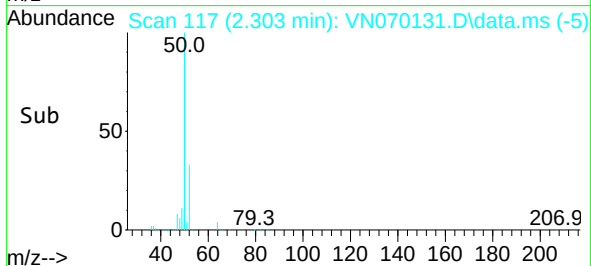
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VN1216MBSD01



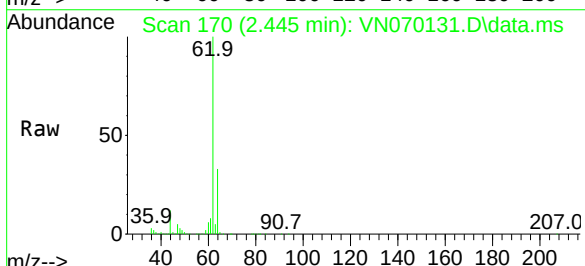
Tgt Ion: 50 Resp: 314238
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.0

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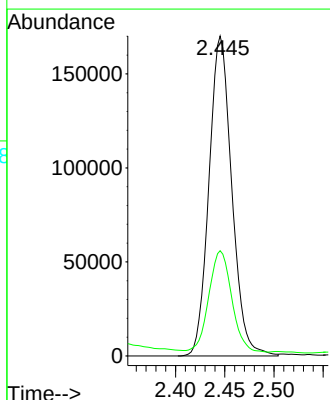
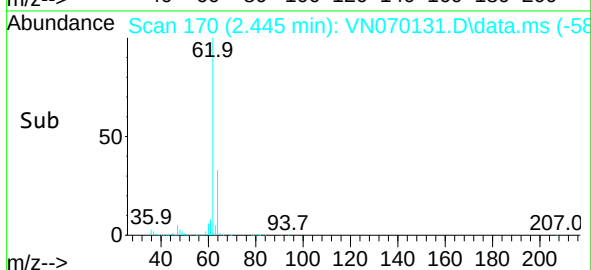
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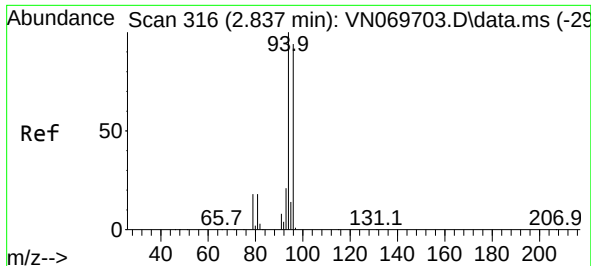


#4
Vinyl Chloride
Concen: 20.146 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23



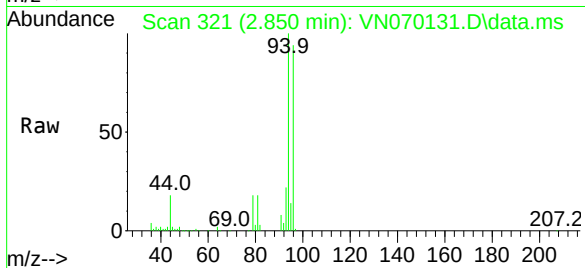
Tgt Ion: 62 Resp: 275238
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





#5
Bromomethane
Concen: 20.754 ug/l
RT: 2.850 min Scan# 316
Delta R.T. 0.013 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

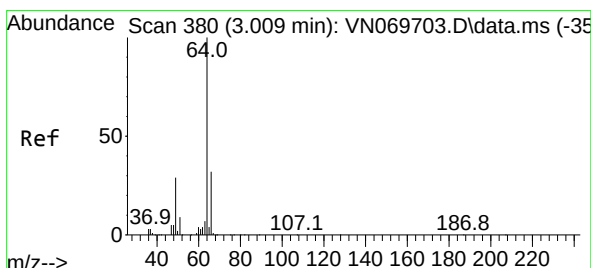
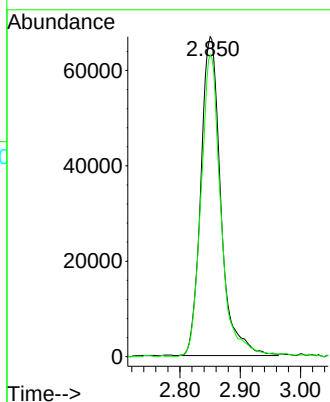
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBSD01



Tgt Ion: 94 Resp: 154040
Ion Ratio Lower Upper
94 100
96 94.6 73.8 110.8

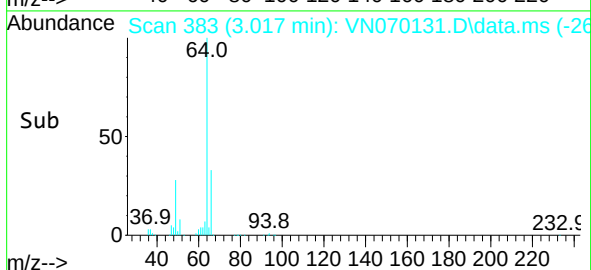
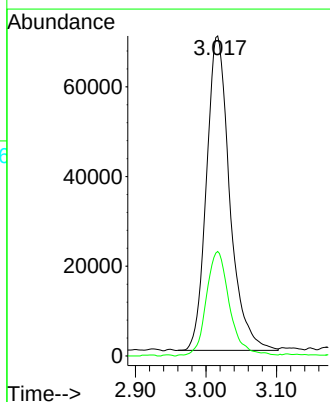
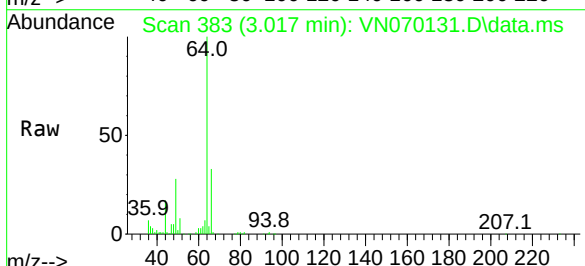
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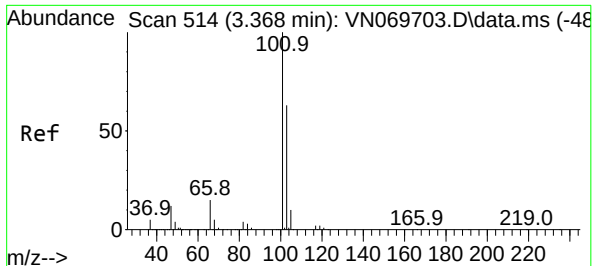
Reviewed By :John Carlone 12/17/2021
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#6
Chloroethane
Concen: 19.177 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.008 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

Tgt Ion: 64 Resp: 160547
Ion Ratio Lower Upper
64 100
66 33.0 26.3 39.5





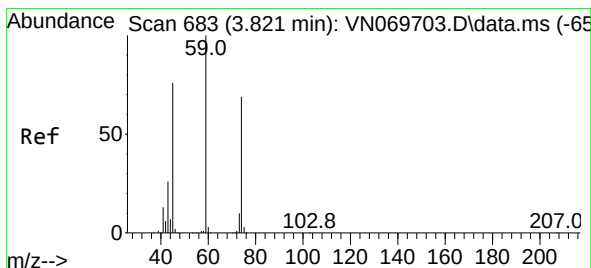
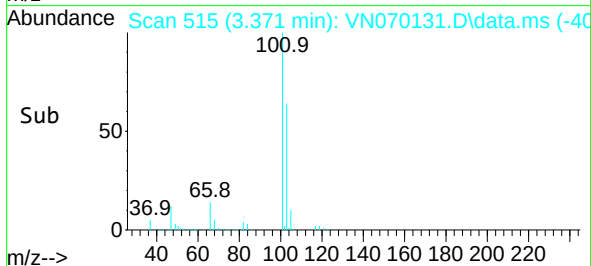
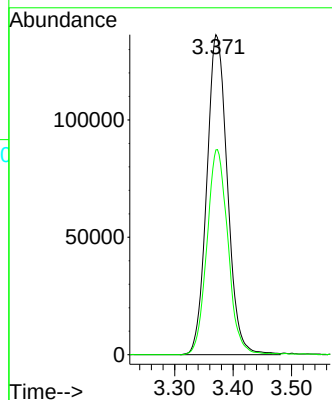
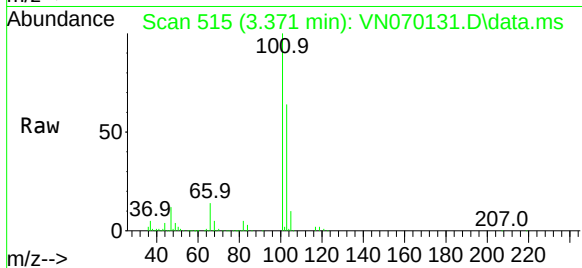
#7
Trichlorofluoromethane
Concen: 18.670 ug/l
RT: 3.371 min Scan# 514
Delta R.T. 0.003 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

Instrument :
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Tgt Ion:101 Resp: 334770
Ion Ratio Lower Upper
101 100
103 64.0 50.1 75.1

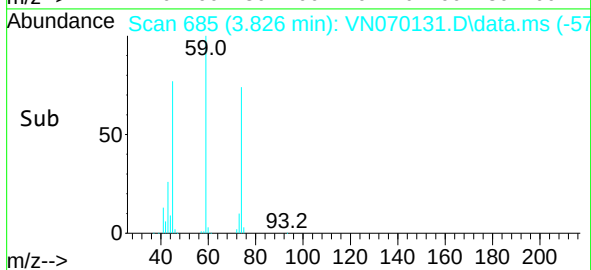
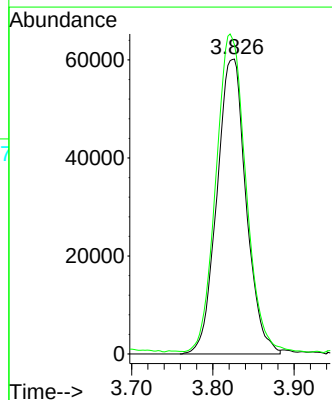
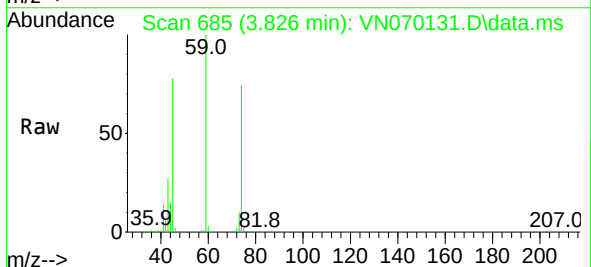
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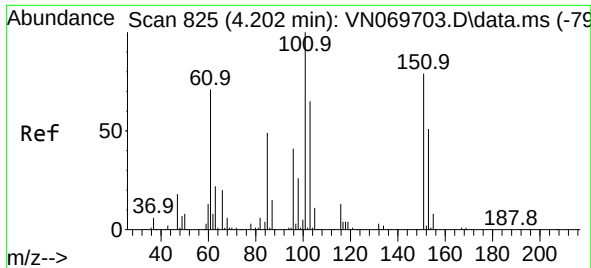
Reviewed By :John Carlone 12/17/2021
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#8
Diethyl Ether
Concen: 21.756 ug/l
RT: 3.826 min Scan# 685
Delta R.T. 0.005 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

Tgt Ion: 74 Resp: 150245
Ion Ratio Lower Upper
74 100
45 110.6 47.0 141.2





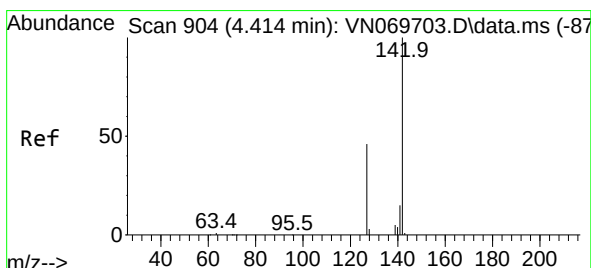
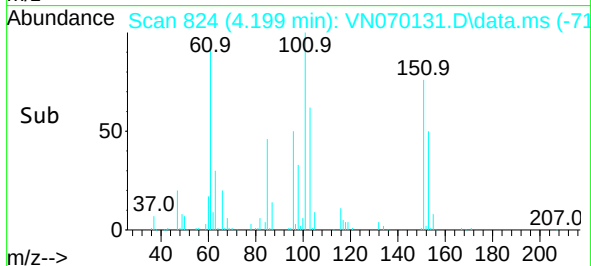
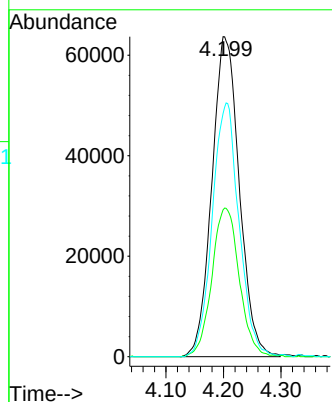
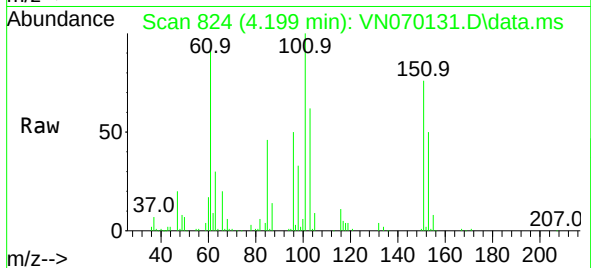
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.025 ug/l
RT: 4.199 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN070131.D
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Tgt Ion:101 Resp: 211329
Ion Ratio Lower Upper
101 100
85 46.3 37.2 55.8
151 77.3 65.9 98.9

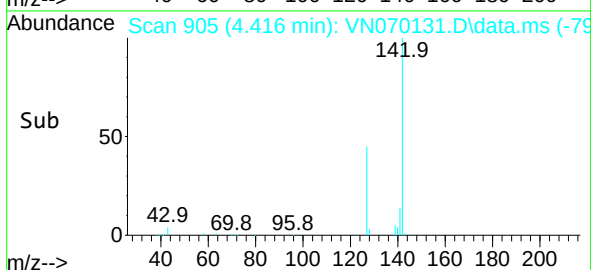
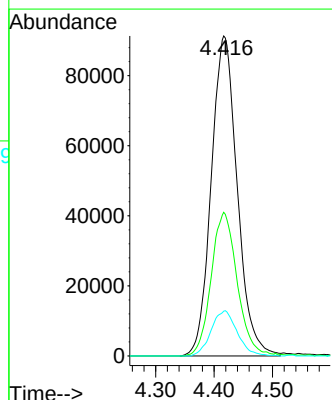
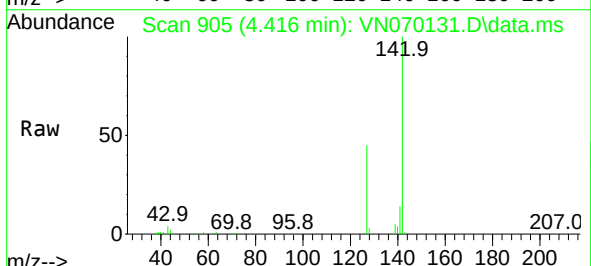
Manual Integrations
APPROVED

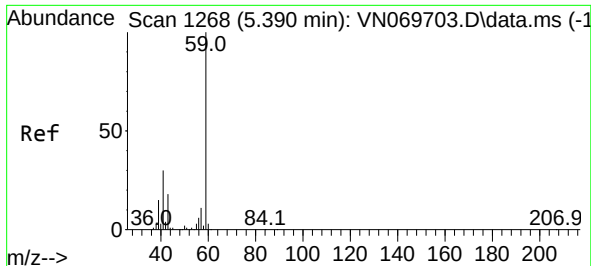
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#10
Methyl Iodide
Concen: 20.555 ug/l
RT: 4.416 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

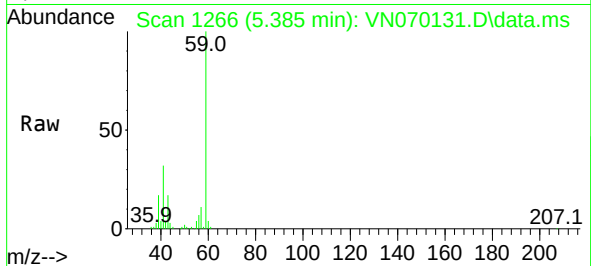
Tgt Ion:142 Resp: 282252
Ion Ratio Lower Upper
142 100
127 44.8 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 89.254 ug/l
RT: 5.385 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

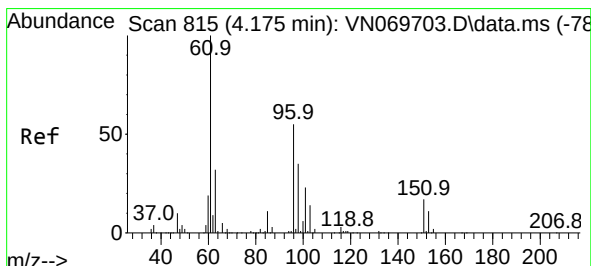
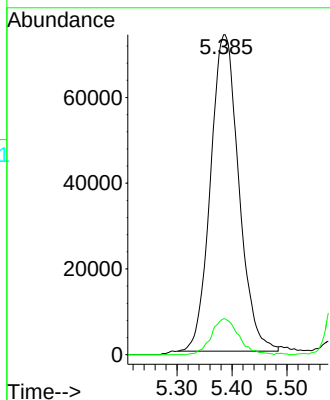
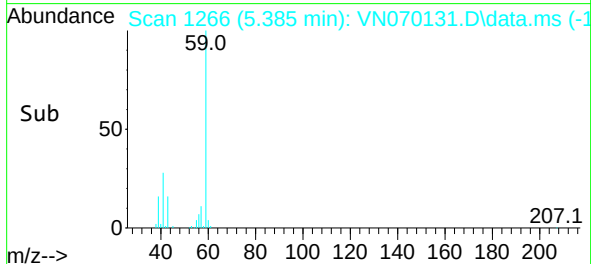
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



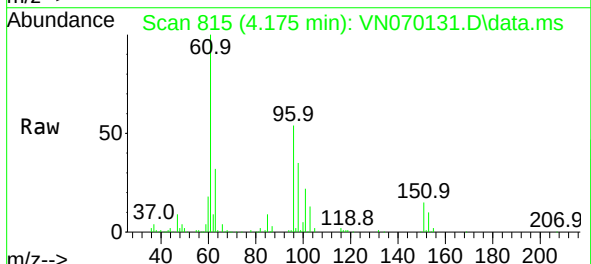
Tgt Ion: 59 Resp: 26487
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

Manual Integrations
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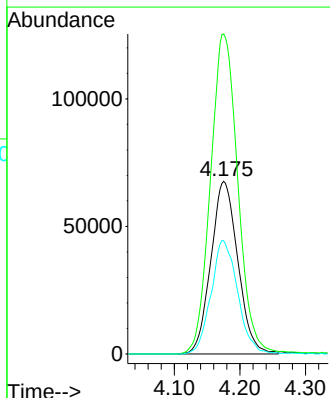
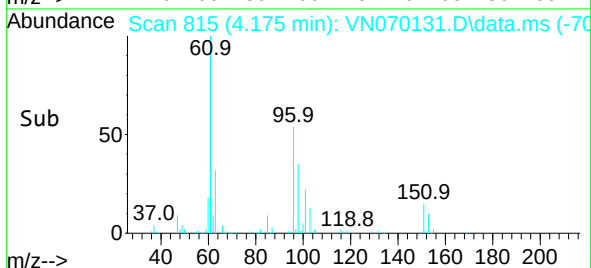
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

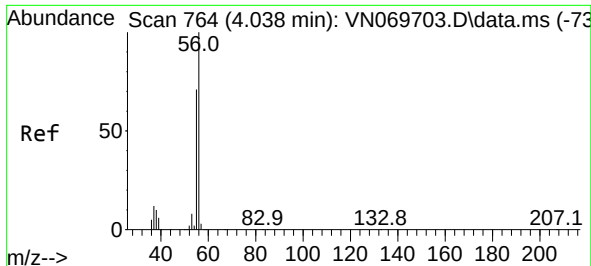


#12
1,1-Dichloroethene
Concen: 19.965 ug/l
RT: 4.175 min Scan# 815
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23



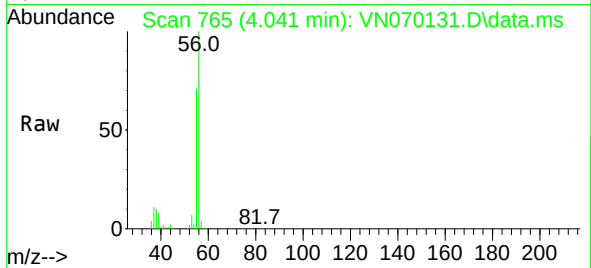
Tgt Ion: 96 Resp: 193377
Ion Ratio Lower Upper
96 100
61 185.3 131.0 196.6
98 65.6 52.4 78.6





#13
Acrolein
Concen: 136.855 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

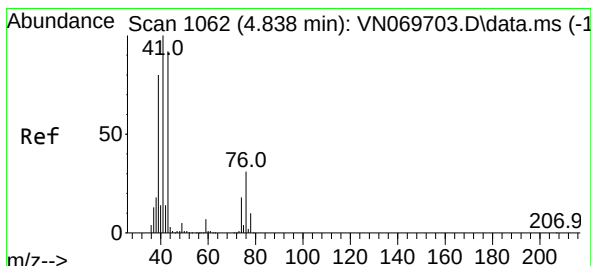
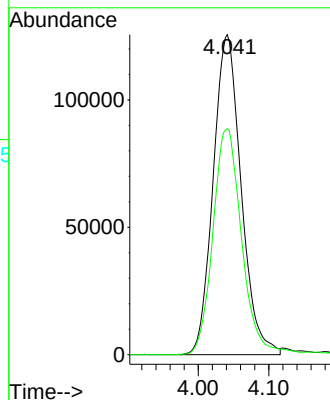
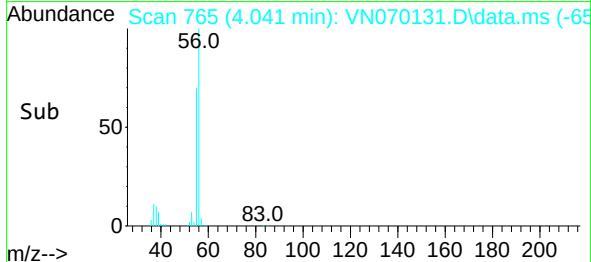
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBSD01



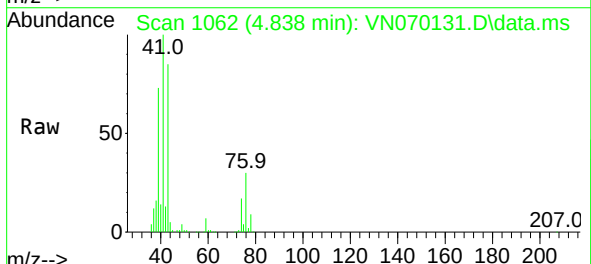
Tgt Ion: 56 Resp: 34586
Ion Ratio Lower Upper
56 100
55 72.6 56.6 85.0

Manual Integrations
APPROVED

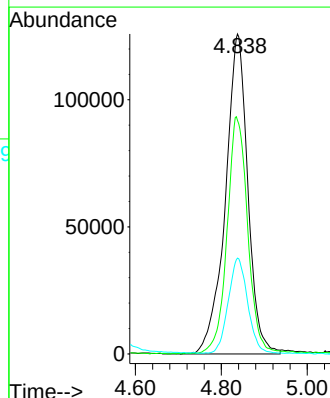
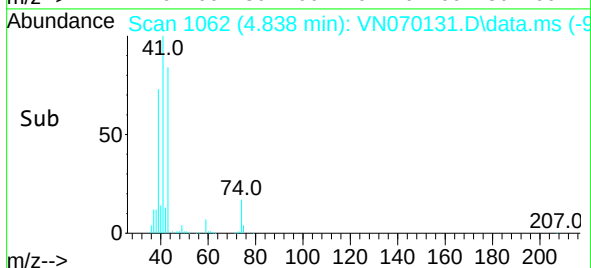
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

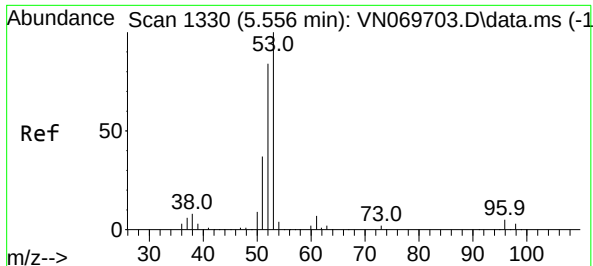


#14
Allyl chloride
Concen: 20.887 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23



Tgt Ion: 41 Resp: 455868
Ion Ratio Lower Upper
41 100
39 67.7 61.2 91.8
76 25.5 26.0 39.0#





#15

Acrylonitrile

Concen: 103.081 ug/l

RT: 5.559 min Scan# 1

Delta R.T. 0.003 min

Lab File: VN070131.D

Acq: 16 Dec 2021 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

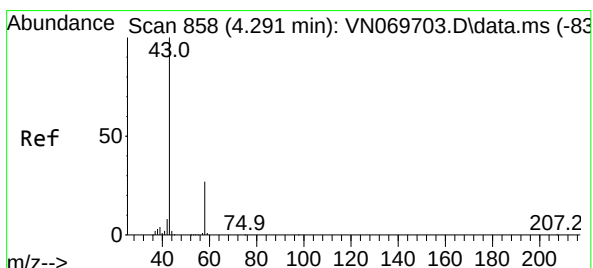
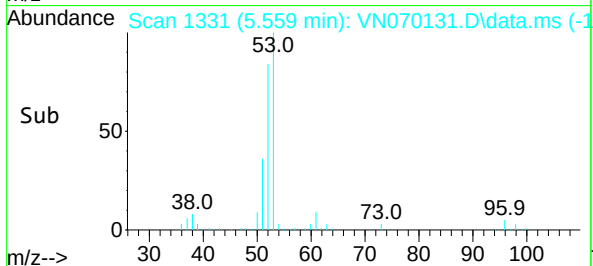
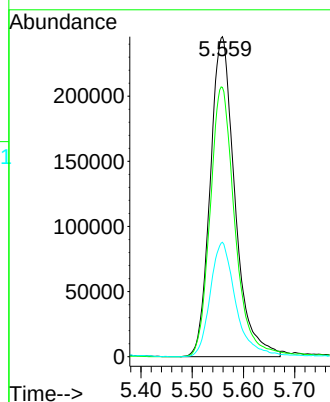
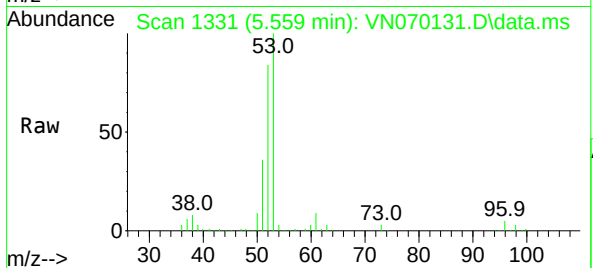
Tgt Ion: 53	Resp: 82432
Ion Ratio	Lower Upper
53	100
52	84.4 66.2 99.2
51	36.5 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#16

Acetone

Concen: 104.805 ug/l

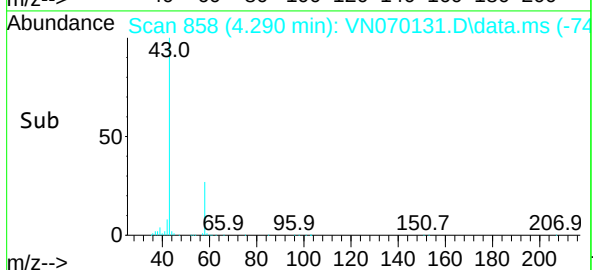
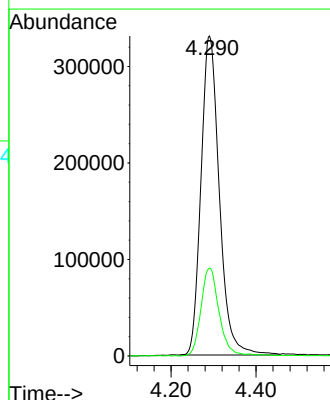
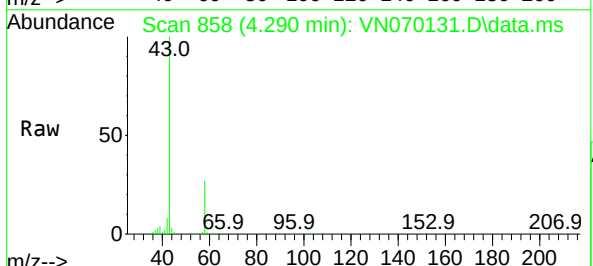
RT: 4.290 min Scan# 858

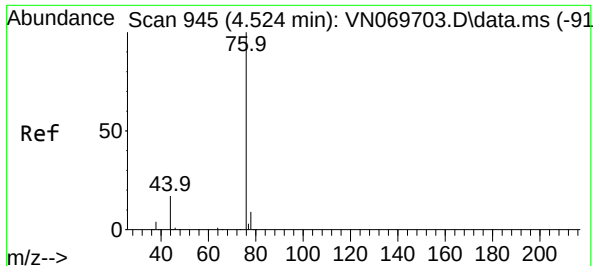
Delta R.T. -0.000 min

Lab File: VN070131.D

Acq: 16 Dec 2021 12:23

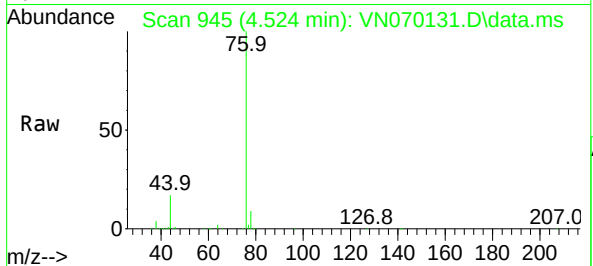
Tgt Ion: 43	Resp: 989808
Ion Ratio	Lower Upper
43	100
58	27.5 23.1 34.7





#17
Carbon Disulfide
Concen: 19.982 ug/l
RT: 4.524 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

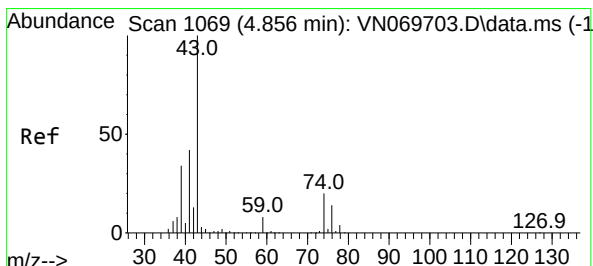
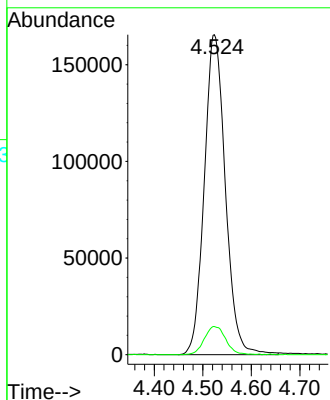
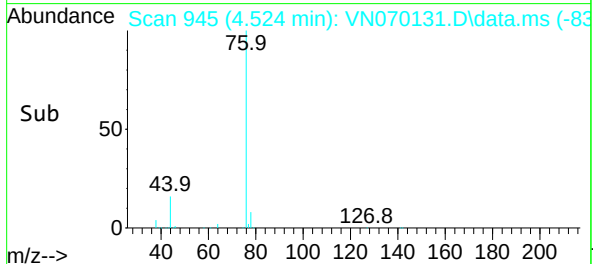
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBSD01



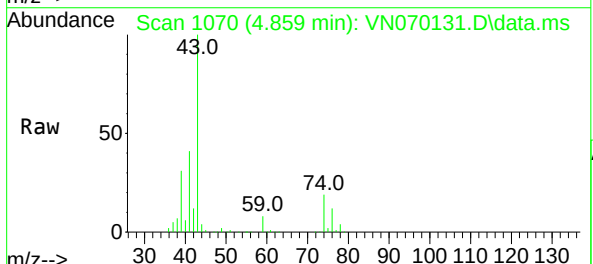
Tgt Ion: 76 Resp: 500025
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

Manual Integrations
APPROVED

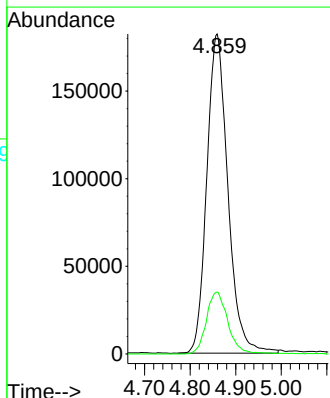
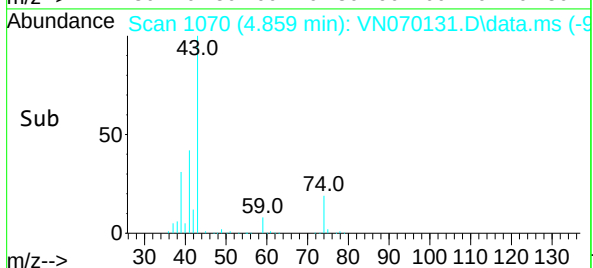
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

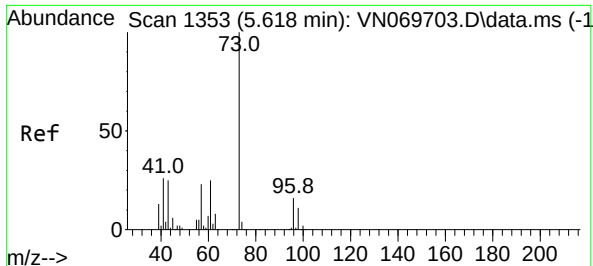


#18
Methyl Acetate
Concen: 20.528 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23



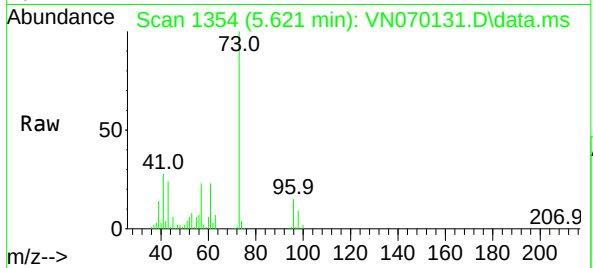
Tgt Ion: 43 Resp: 585205
Ion Ratio Lower Upper
43 100
74 19.5 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 20.951 ug/l
RT: 5.621 min Scan# 11354
Delta R.T. 0.003 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

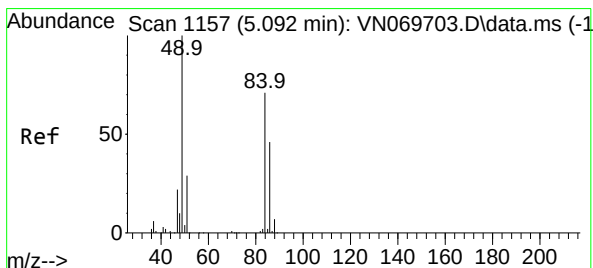
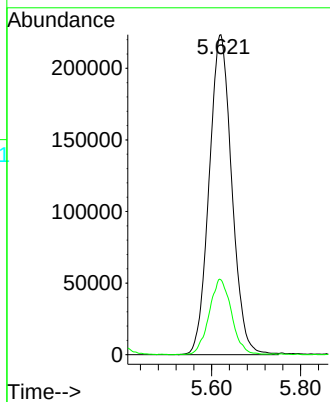
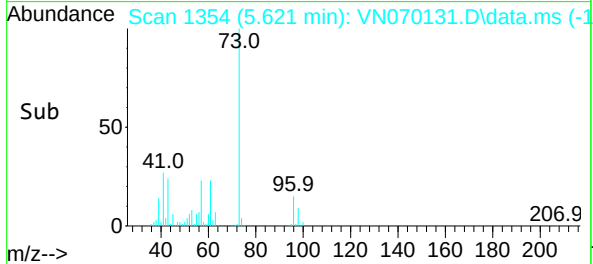
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBSD01



Tgt Ion: 73 Resp: 789050
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2

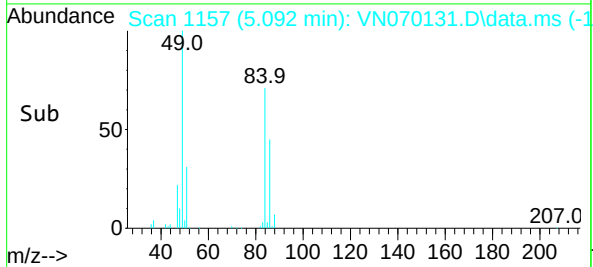
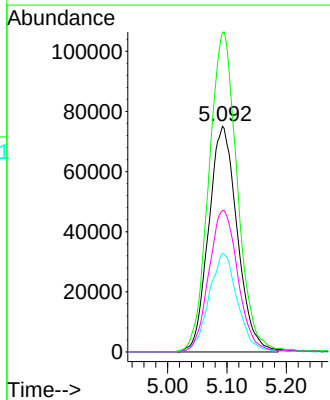
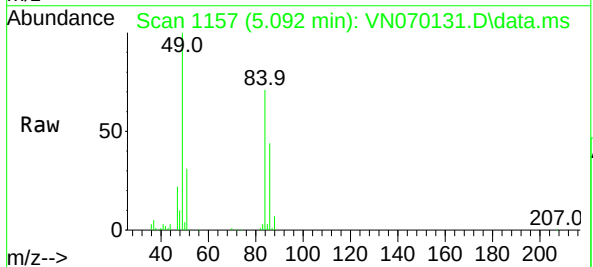
Manual Integrations
APPROVED

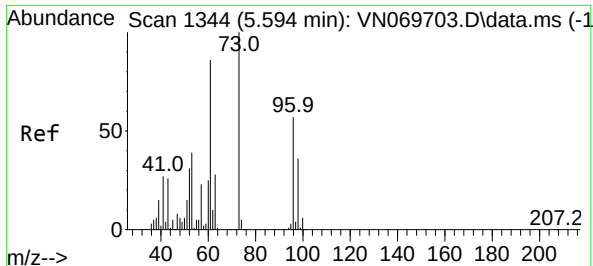
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#20
Methylene Chloride
Concen: 20.009 ug/l
RT: 5.092 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

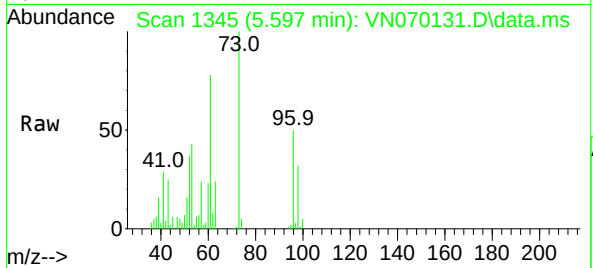
Tgt Ion: 84 Resp: 251211
Ion Ratio Lower Upper
84 100
49 141.0 93.5 140.3#
51 43.4 29.4 44.2
86 62.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 20.182 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

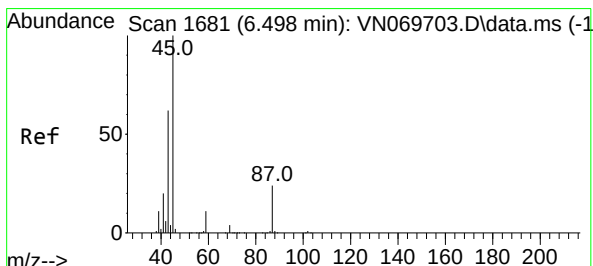
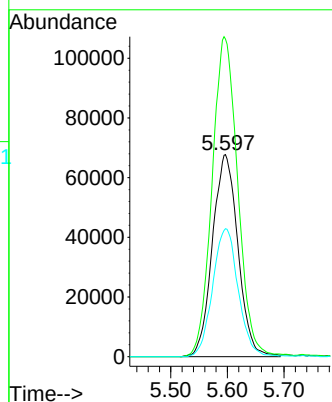
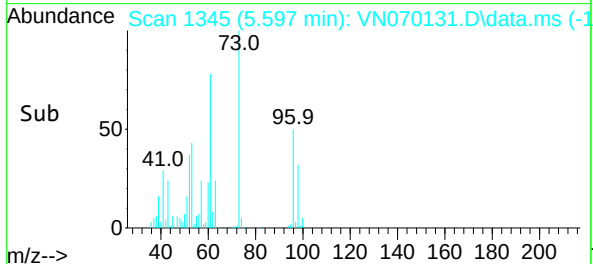
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



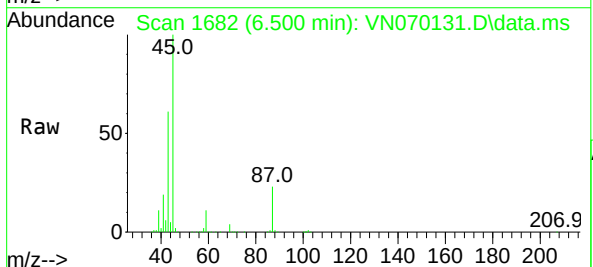
Tgt Ion: 96 Resp: 212310
Ion Ratio Lower Upper
96 100
61 157.2 105.8 158.6
98 63.4 52.0 78.0

Manual Integrations
APPROVED

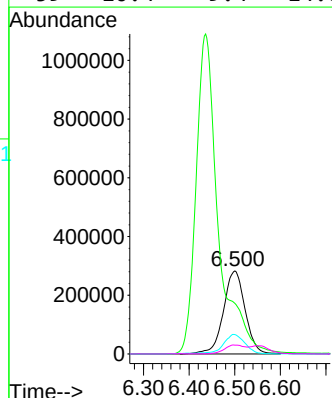
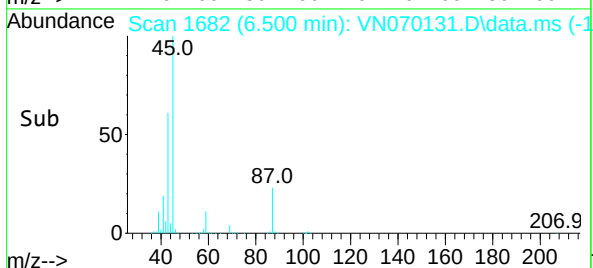
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

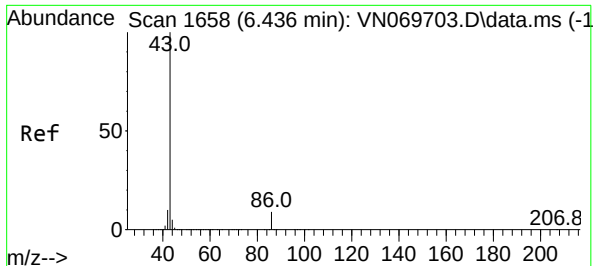


#22
Diisopropyl ether
Concen: 21.937 ug/l
RT: 6.500 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23



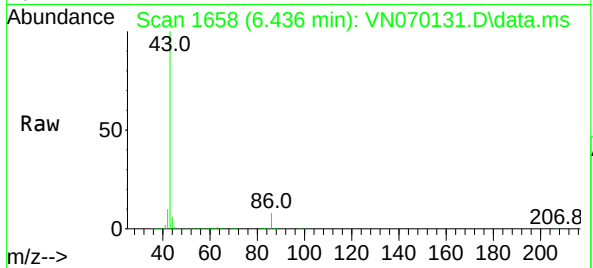
Tgt Ion: 45 Resp: 935824
Ion Ratio Lower Upper
45 100
43 58.6 51.7 77.5
87 23.1 23.2 34.8#
59 10.4 9.4 14.0





#23
 Vinyl Acetate
 Concen: 106.679 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. -0.000 min
 Lab File: VN070131.D
 Acq: 16 Dec 2021 12:23

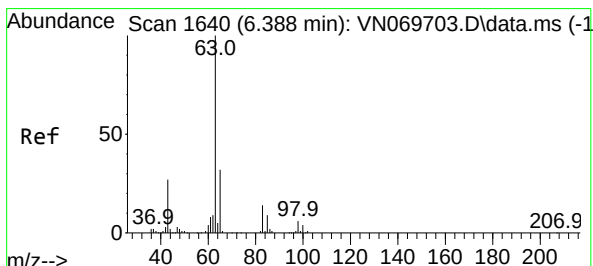
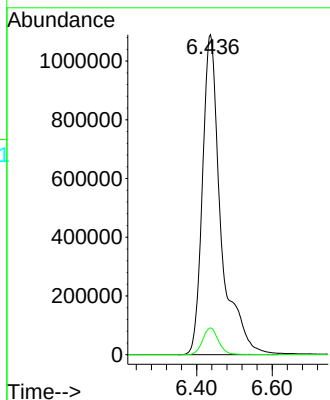
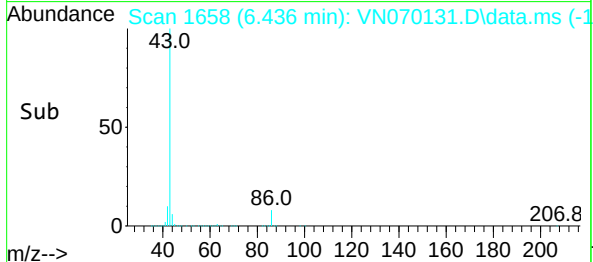
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216MBSD01



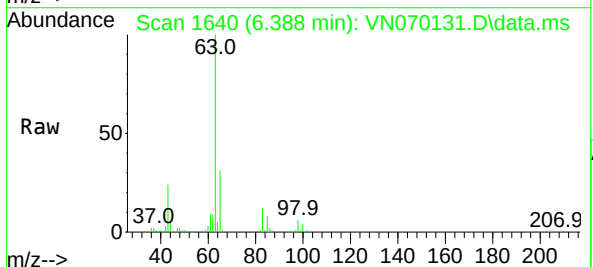
Tgt Ion: 43 Resp: 3702404
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

Manual Integrations
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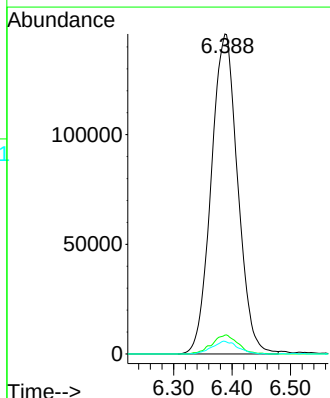
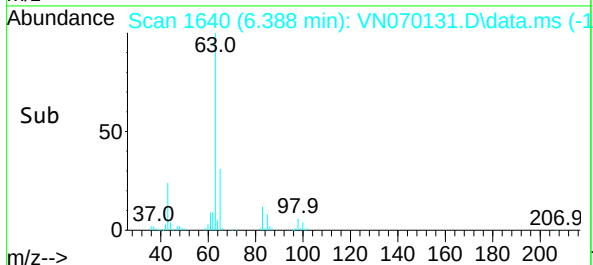
Reviewed By :John Carlone 12/17/2021
 Supervised By :Mahesh Dadoda 12/23/2021

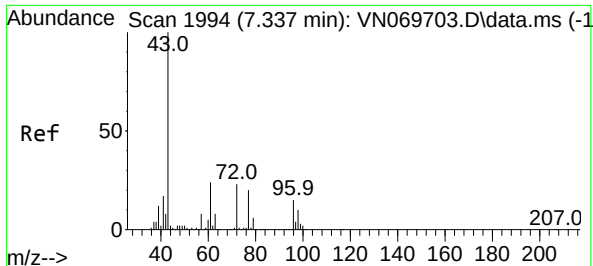


#24
 1,1-Dichloroethane
 Concen: 20.765 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. -0.000 min
 Lab File: VN070131.D
 Acq: 16 Dec 2021 12:23



Tgt Ion: 63 Resp: 458861
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 99.935 ug/l

RT: 7.340 min Scan# 1994

Delta R.T. 0.003 min

Lab File: VN070131.D

Acq: 16 Dec 2021 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

Tgt Ion: 43 Resp: 128236

Ion Ratio Lower Upper

43 100

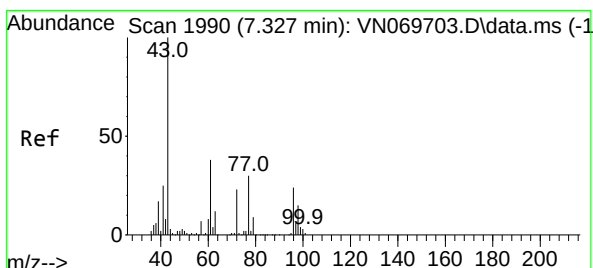
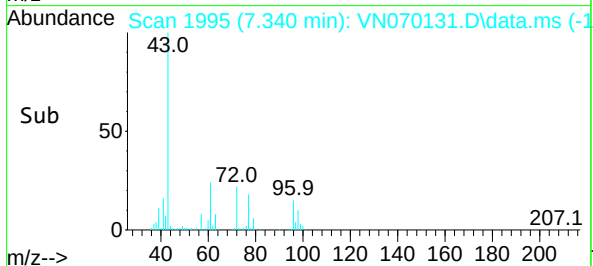
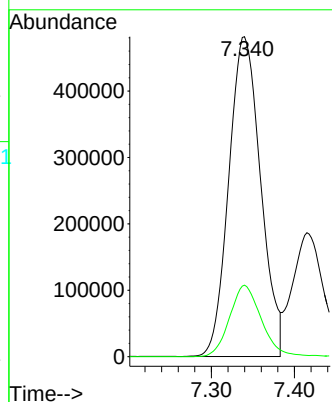
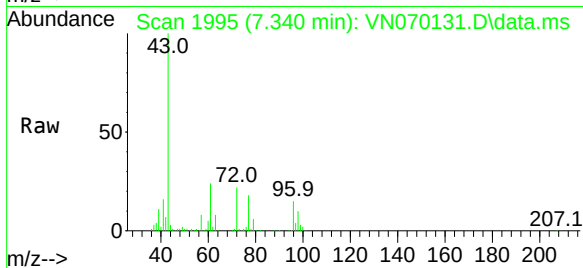
72 22.4 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#26

2,2-Dichloropropane

Concen: 19.699 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070131.D

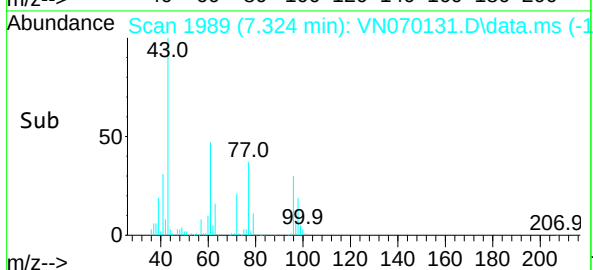
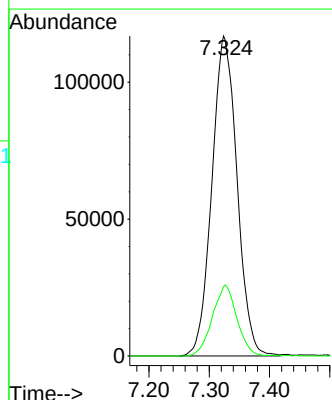
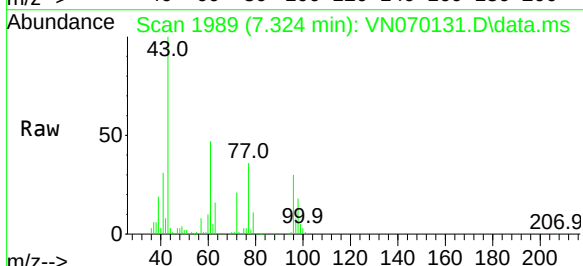
Acq: 16 Dec 2021 12:23

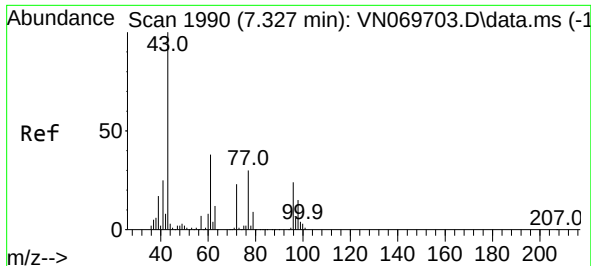
Tgt Ion: 77 Resp: 338452

Ion Ratio Lower Upper

77 100

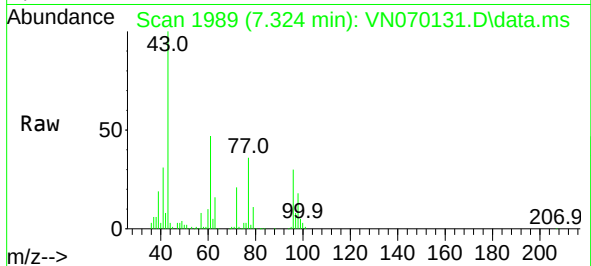
97 21.5 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.219 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. -0.003 min
 Lab File: VN070131.D
 Acq: 16 Dec 2021 12:23

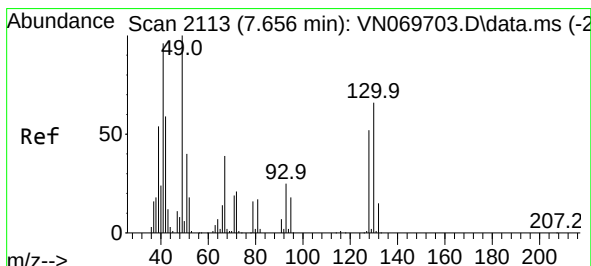
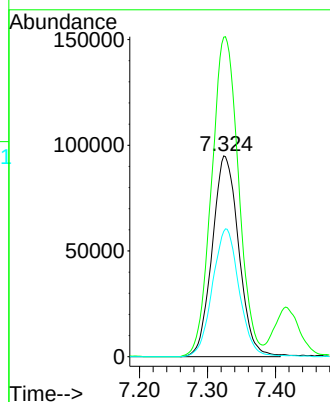
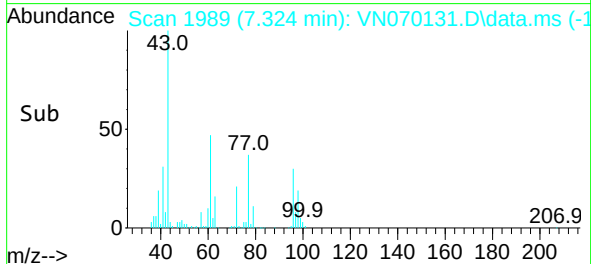
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216MBS01



Tgt Ion: 96 Resp: 256988
 Ion Ratio Lower Upper
 96 100
 61 162.5 0.0 275.0
 98 64.2 0.0 129.6

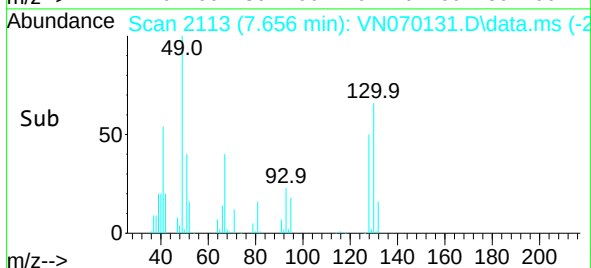
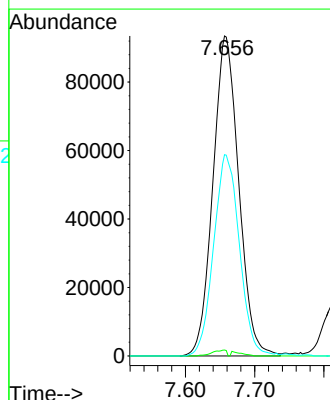
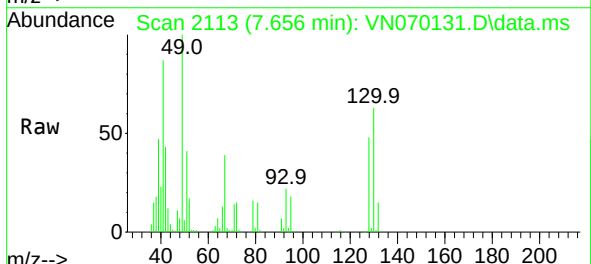
Manual Integrations
 APPROVED

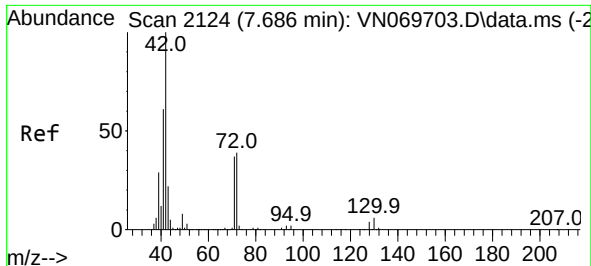
Reviewed By :John Carlone 12/17/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#28
 Bromochloromethane
 Concen: 21.078 ug/l
 RT: 7.656 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: VN070131.D
 Acq: 16 Dec 2021 12:23

Tgt Ion: 49 Resp: 242219
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.0
 130 62.6 67.8 101.8#





#29

Tetrahydrofuran

Concen: 104.221 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN070131.D

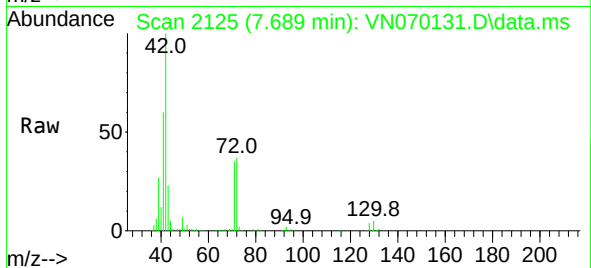
Acq: 16 Dec 2021 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01



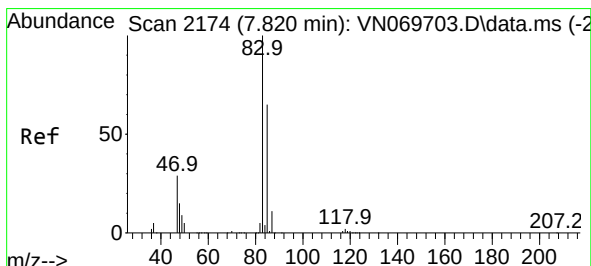
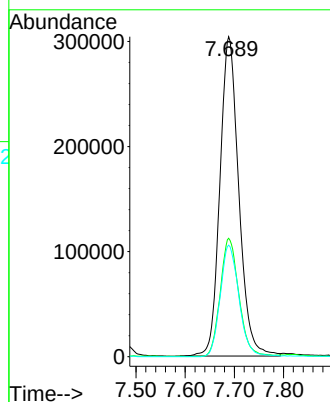
Tgt Ion:	42	Resp:	812085
Ion Ratio	Lower	Upper	
42	100		
72	36.3	36.3	54.5
71	34.7	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#30

Chloroform

Concen: 20.568 ug/l

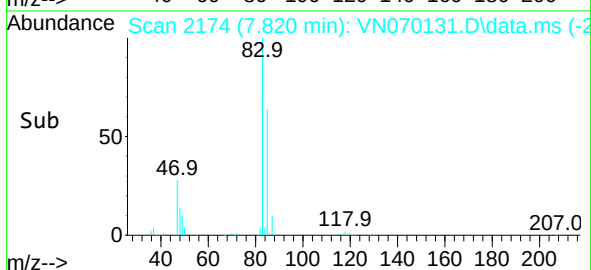
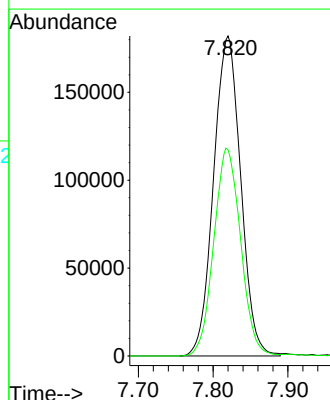
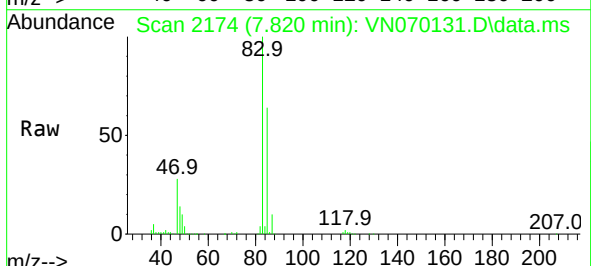
RT: 7.820 min Scan# 2174

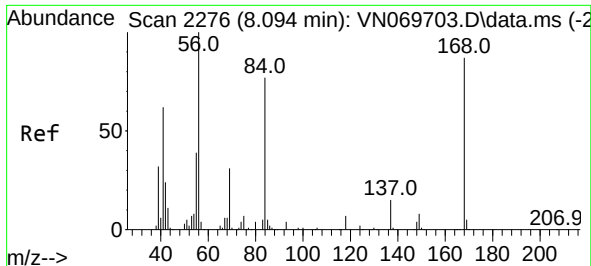
Delta R.T. -0.000 min

Lab File: VN070131.D

Acq: 16 Dec 2021 12:23

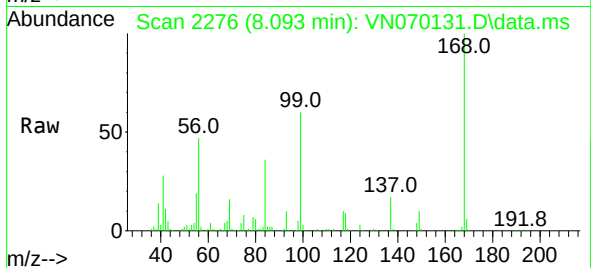
Tgt Ion:	83	Resp:	459035
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.9	77.9





#31
Cyclohexane
Concen: 21.011 ug/l
RT: 8.093 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

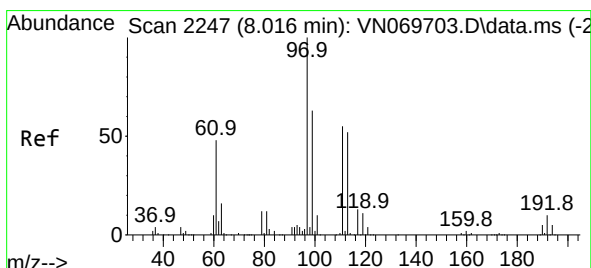
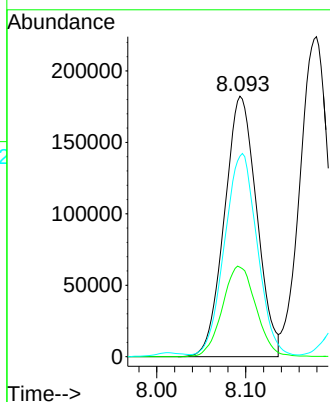
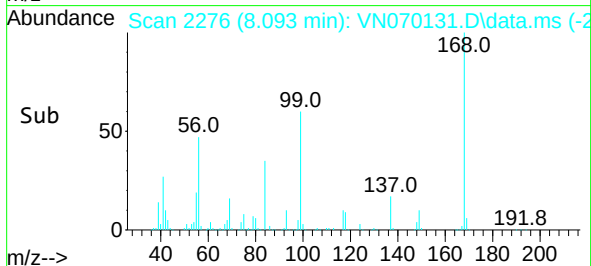
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



Tgt Ion: 56 Resp: 459070
Ion Ratio Lower Upper
56 100
69 34.3 27.1 40.7
84 75.8 73.4 110.0

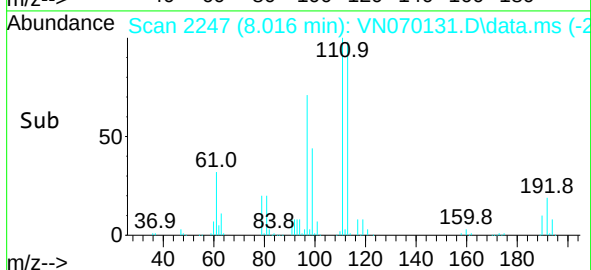
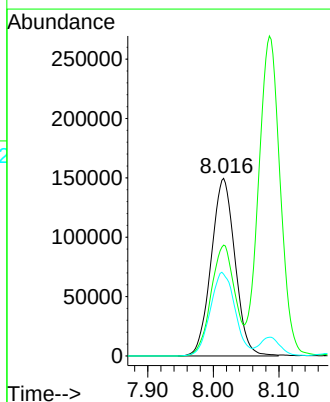
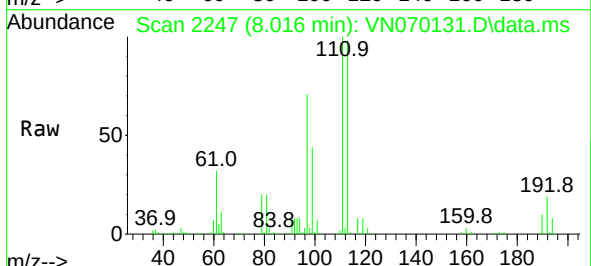
Manual Integrations
APPROVED

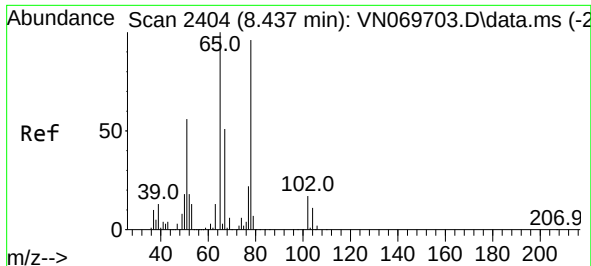
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#32
1,1,1-Trichloroethane
Concen: 19.859 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

Tgt Ion: 97 Resp: 377527
Ion Ratio Lower Upper
97 100
99 62.7 50.1 75.1
61 48.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.578 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070131.D

Acq: 16 Dec 2021 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

Tgt Ion: 65 Resp: 809778

Ion Ratio Lower Upper

65 100

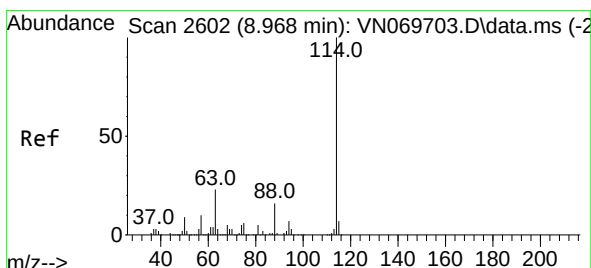
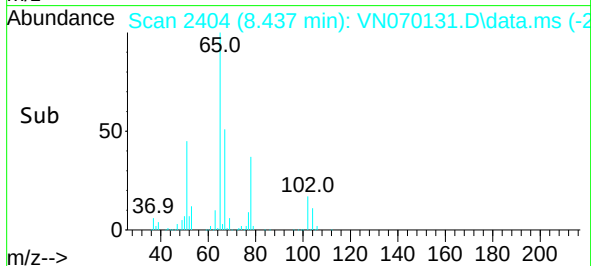
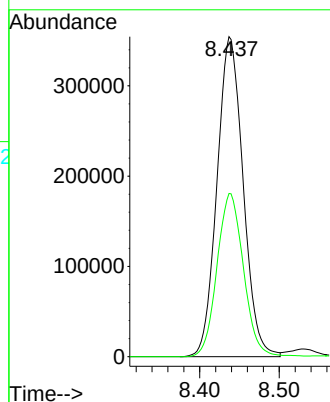
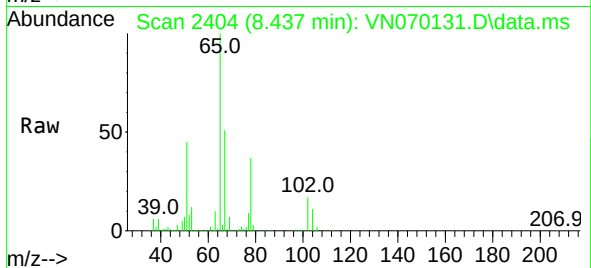
67 51.7 0.0 103.0

Manual Integrations

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Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070131.D

Acq: 16 Dec 2021 12:23

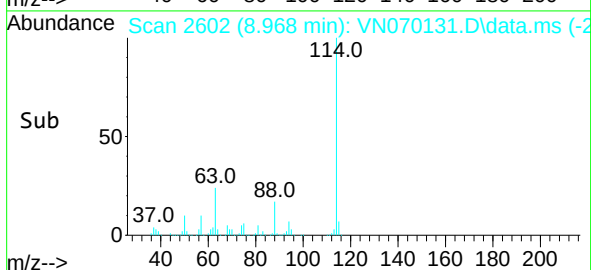
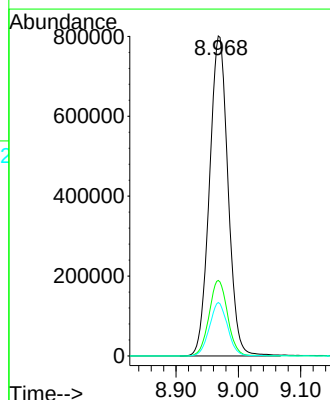
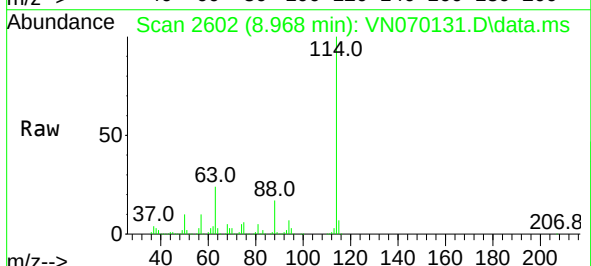
Tgt Ion:114 Resp: 1656800

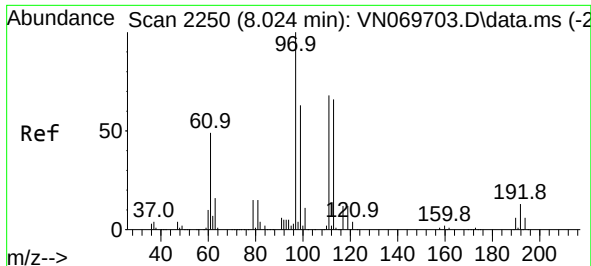
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

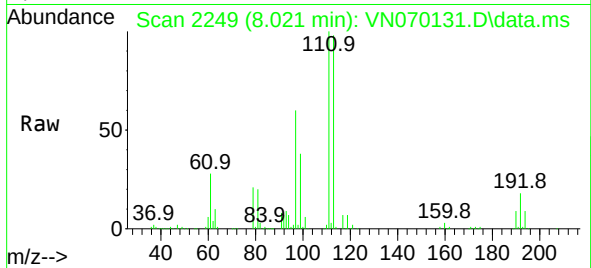
88 16.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.340 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

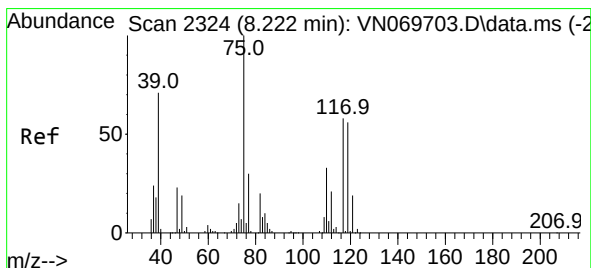
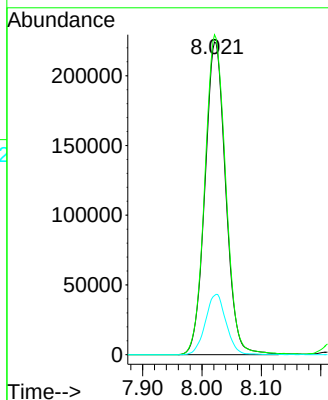
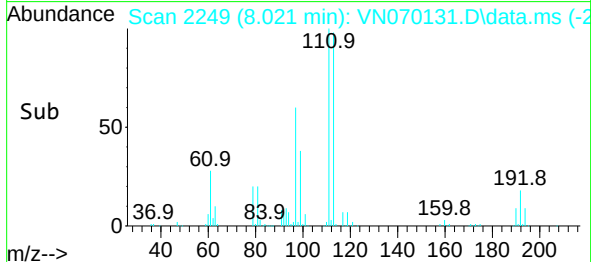
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



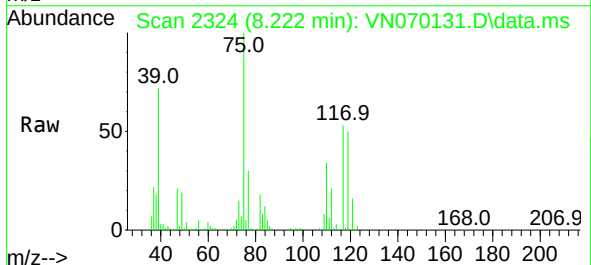
Tgt Ion: 113 Resp: 54318
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.3 16.9 25.3

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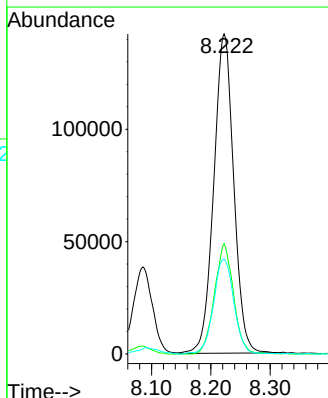
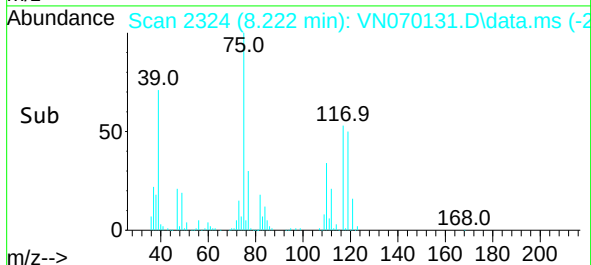
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

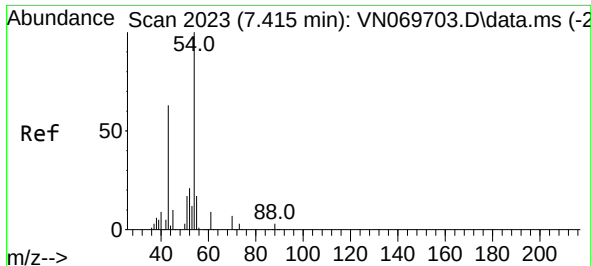


#36
1,1-Dichloropropene
Concen: 21.088 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23



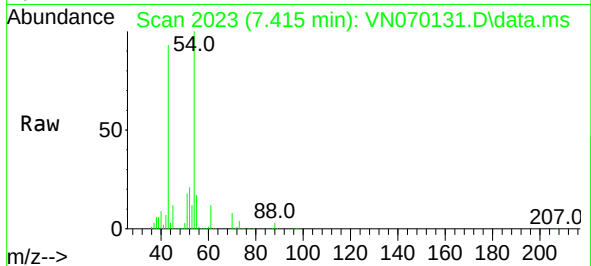
Tgt Ion: 75 Resp: 332609
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 30.4 24.4 36.6





#37
Ethyl Acetate
Concen: 20.292 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

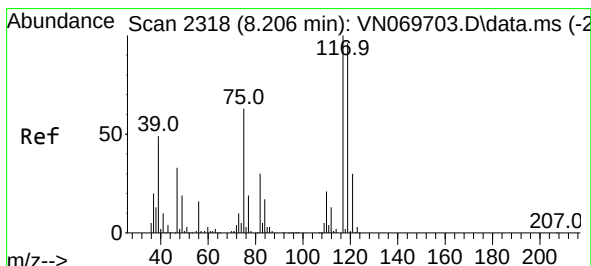
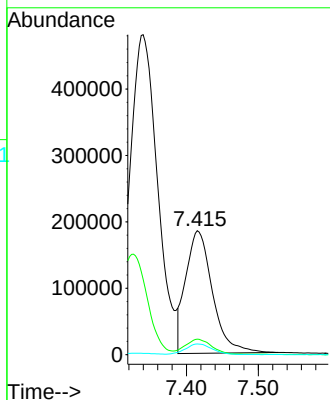
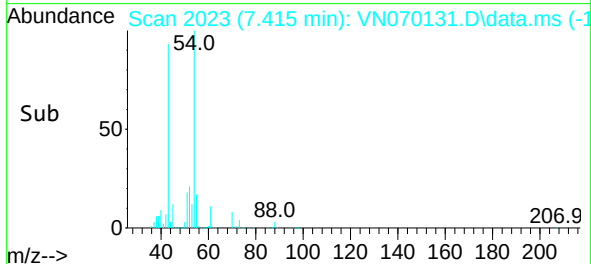
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



Tgt Ion: 43 Resp: 476348
Ion Ratio Lower Upper
43 100
61 12.2 11.5 17.3
70 8.5 7.9 11.9

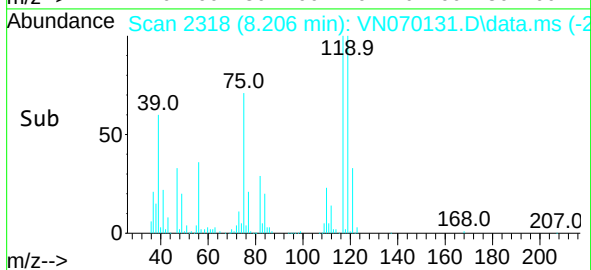
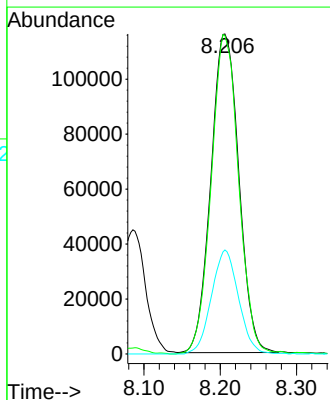
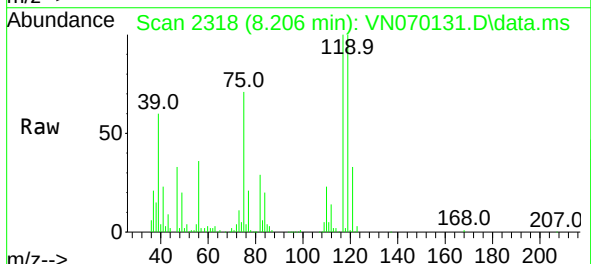
Manual Integrations
APPROVED

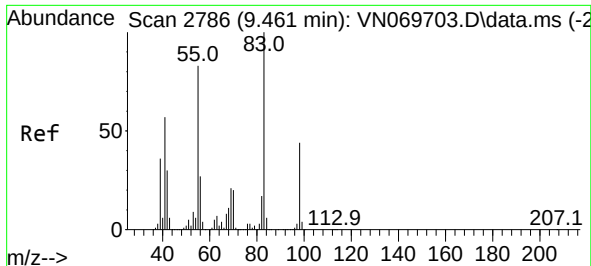
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#38
Carbon Tetrachloride
Concen: 19.118 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

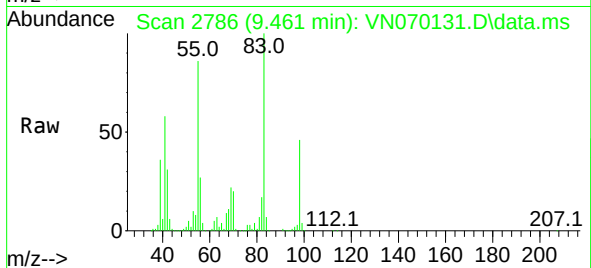
Tgt Ion:117 Resp: 295693
Ion Ratio Lower Upper
117 100
119 99.8 76.1 114.1
121 32.7 24.2 36.2





#39
Methylcyclohexane
Concen: 21.205 ug/l
RT: 9.461 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

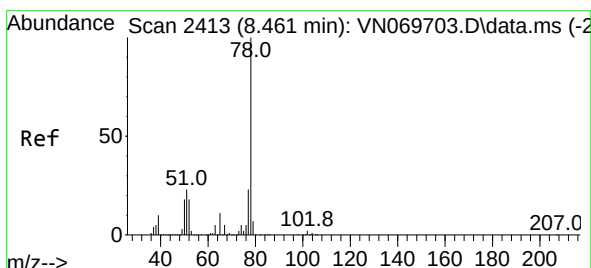
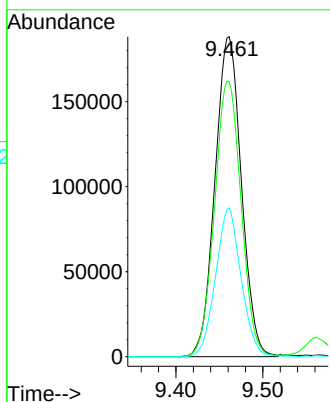
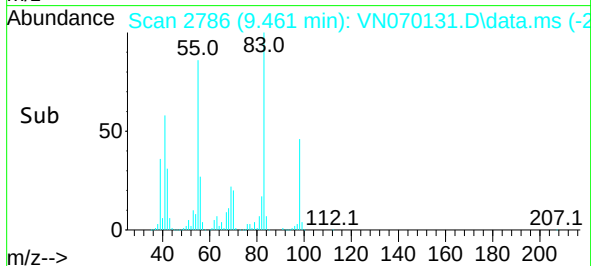
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBSD01



Tgt Ion: 83 Resp: 39782
Ion Ratio Lower Upper
83 100
55 86.0 58.1 87.1
98 46.5 38.4 57.6

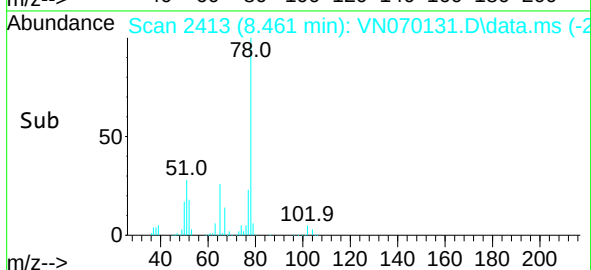
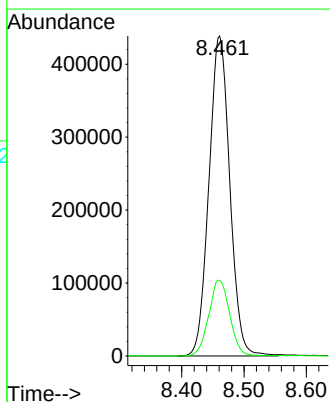
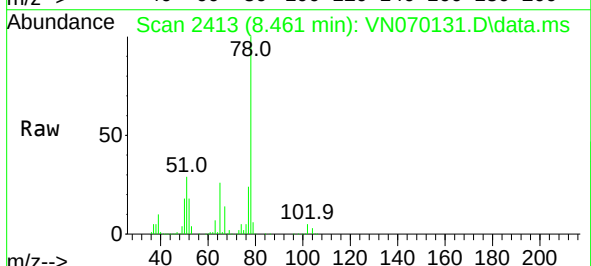
Manual Integrations
APPROVED

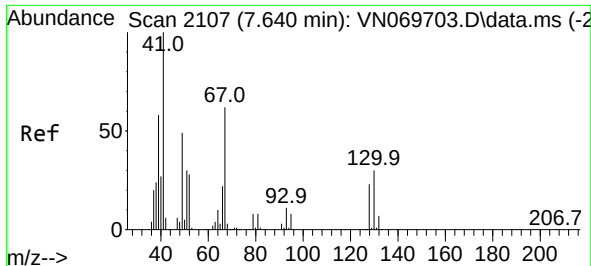
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#40
Benzene
Concen: 21.168 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

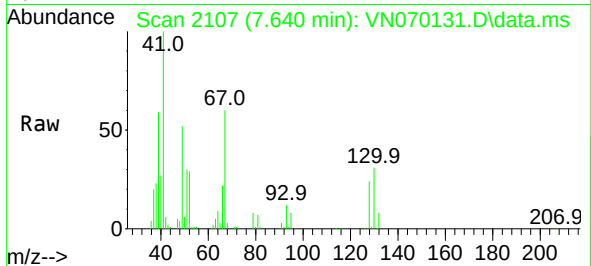
Tgt Ion: 78 Resp: 1020486
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8





#41
Methacrylonitrile
Concen: 21.407 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

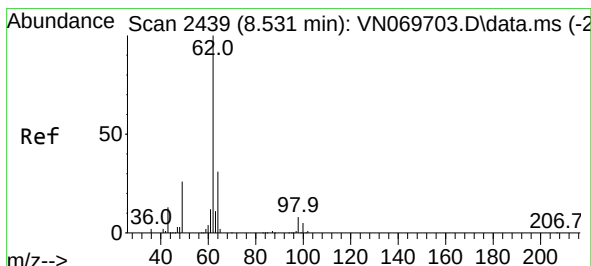
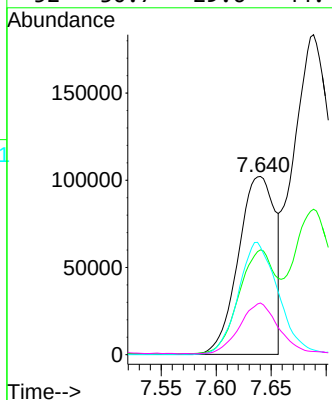
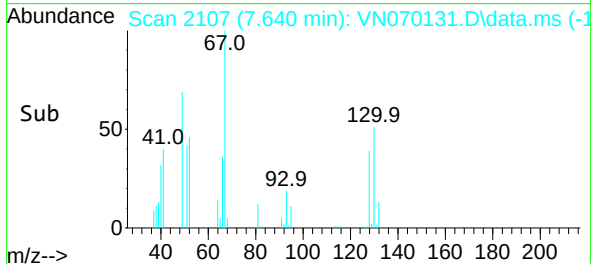
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



Tgt Ion: 41 Resp: 23589
Ion Ratio Lower Upper
41 100
39 59.7 48.1 72.1
67 69.2 68.3 102.5
52 30.7 29.6 44.4

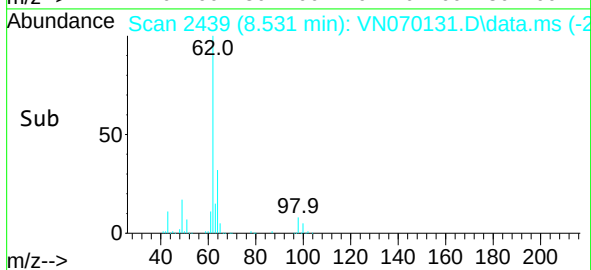
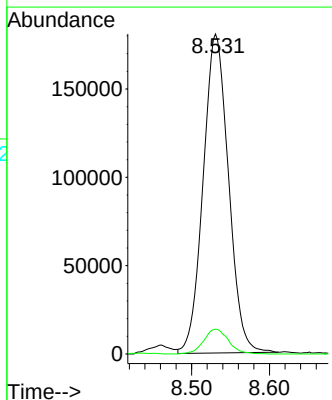
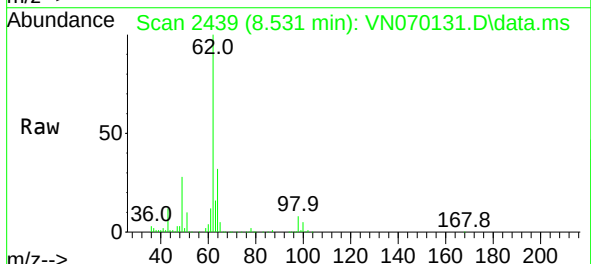
Manual Integrations
APPROVED

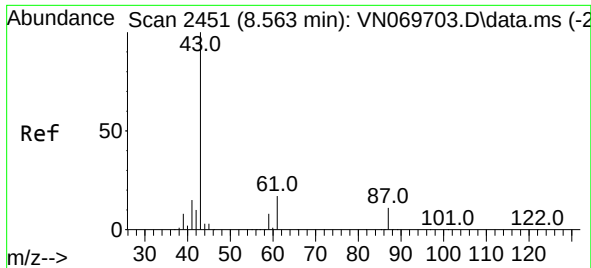
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#42
1,2-Dichloroethane
Concen: 21.015 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

Tgt Ion: 62 Resp: 408984
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





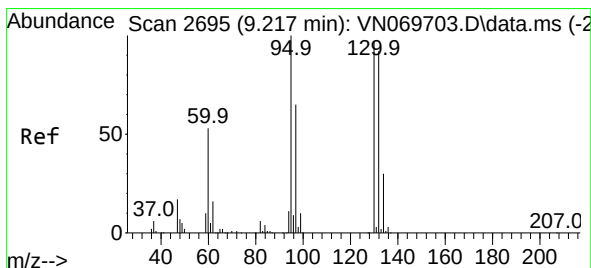
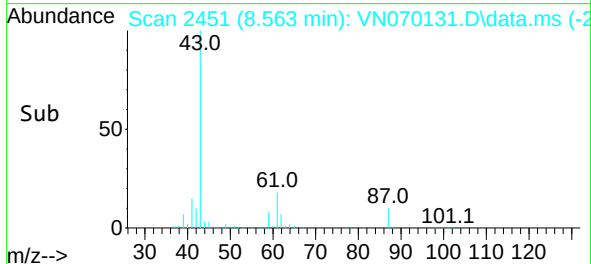
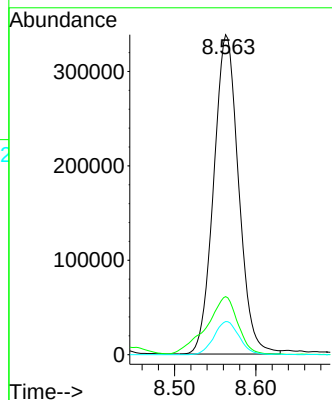
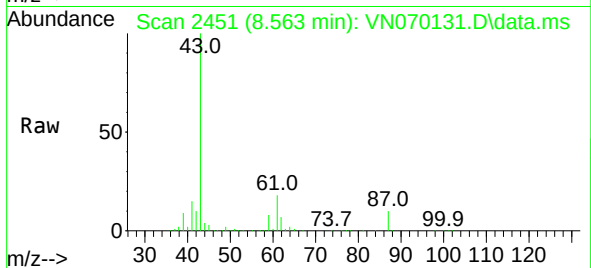
#43
Isopropyl Acetate
Concen: 20.717 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBSD01

Tgt Ion: 43 Resp: 71970
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 10.5 11.2 16.8

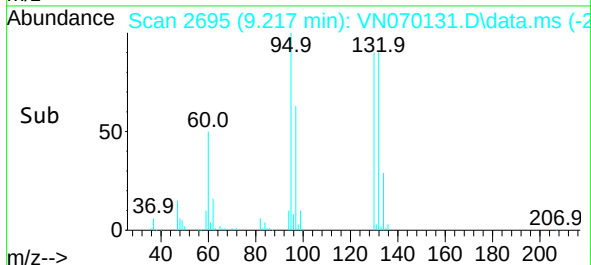
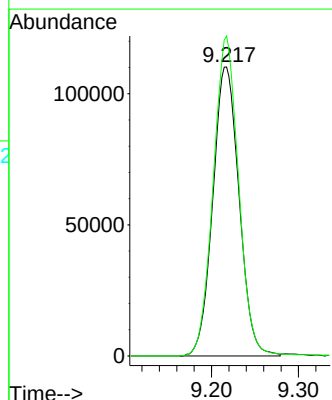
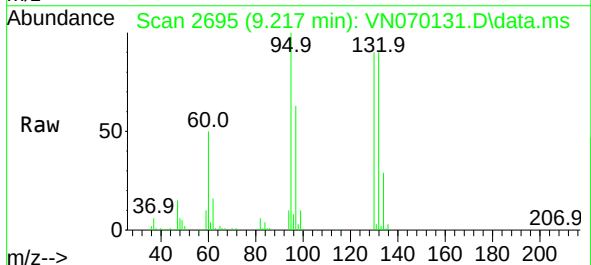
Manual Integrations
APPROVED

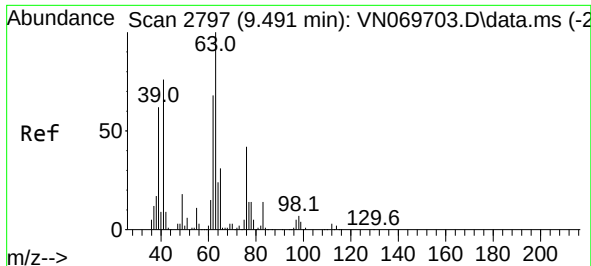
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#44
Trichloroethene
Concen: 20.112 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

Tgt Ion:130 Resp: 231420
Ion Ratio Lower Upper
130 100
95 110.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 21.426 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070131.D

Acq: 16 Dec 2021 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

Tgt Ion: 63 Resp: 27738

Ion Ratio Lower Upper

63 100

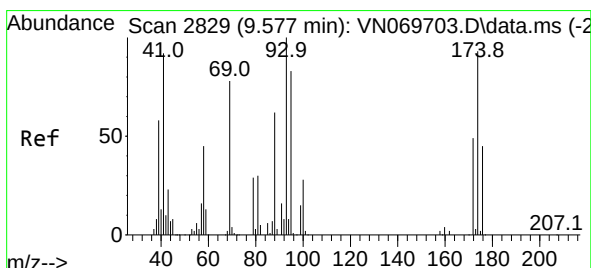
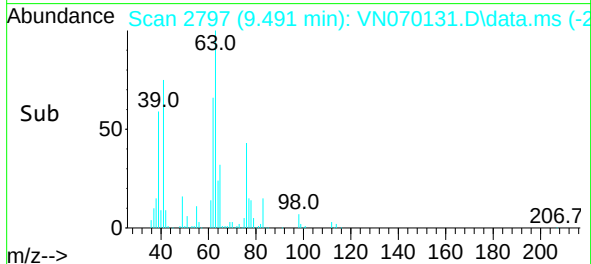
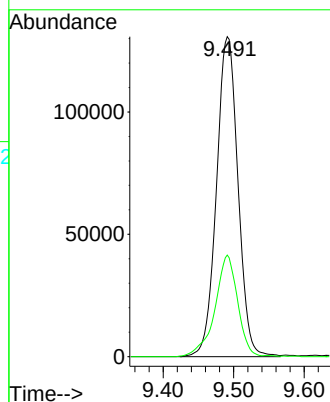
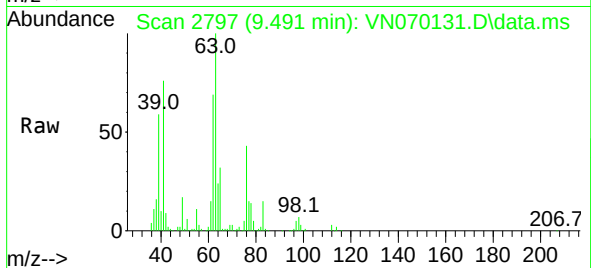
65 31.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#46

Dibromomethane

Concen: 20.864 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VN070131.D

Acq: 16 Dec 2021 12:23

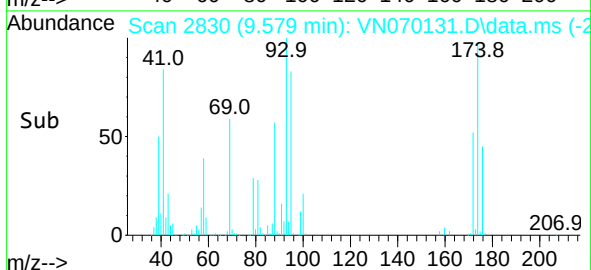
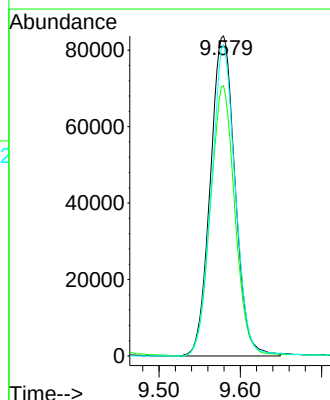
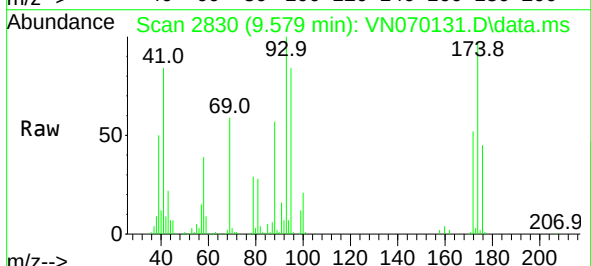
Tgt Ion: 93 Resp: 177144

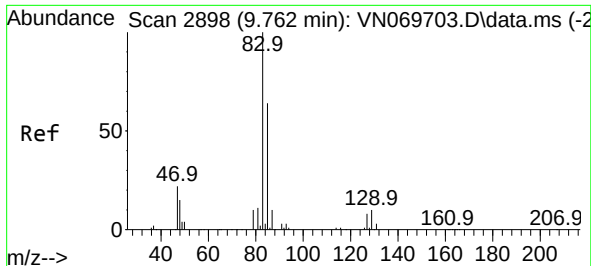
Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

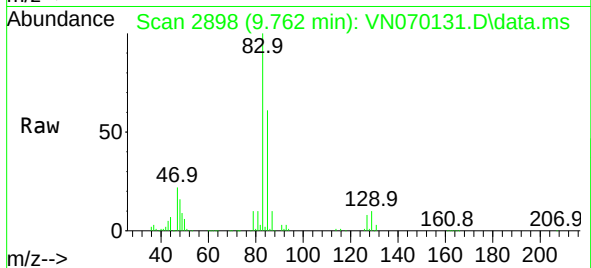
174 94.2 84.6 127.0





#47
Bromodichloromethane
Concen: 21.117 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

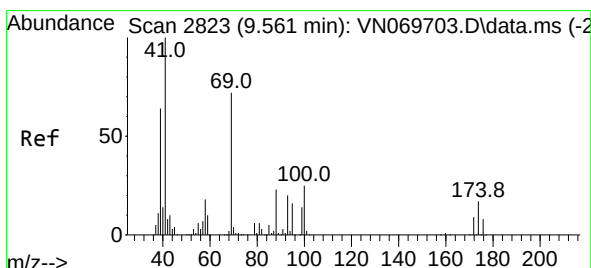
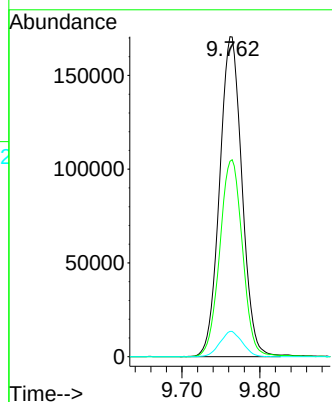
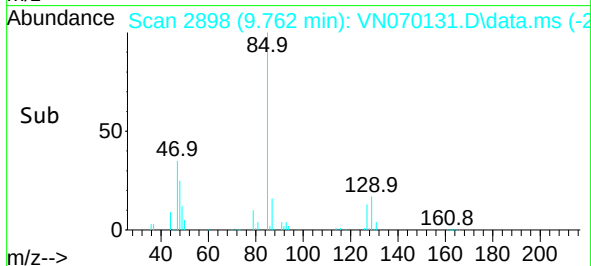
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



Tgt Ion: 83 Resp: 339458
Ion Ratio Lower Upper
83 100
85 61.1 50.9 76.3
127 7.9 7.1 10.7

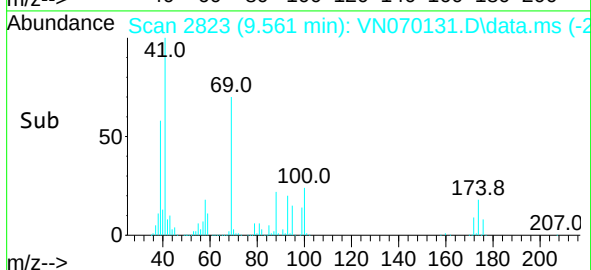
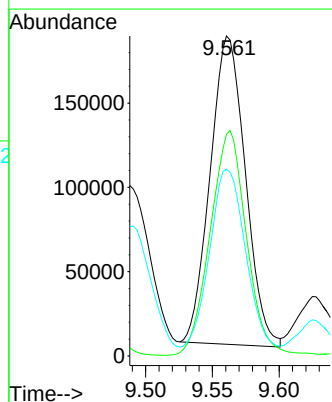
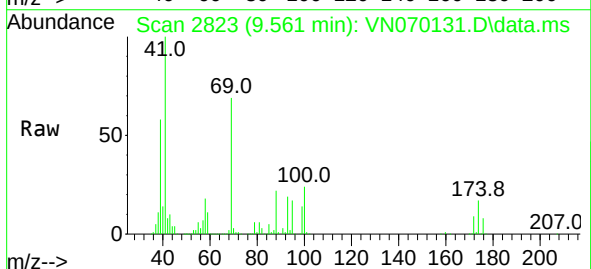
Manual Integrations
APPROVED

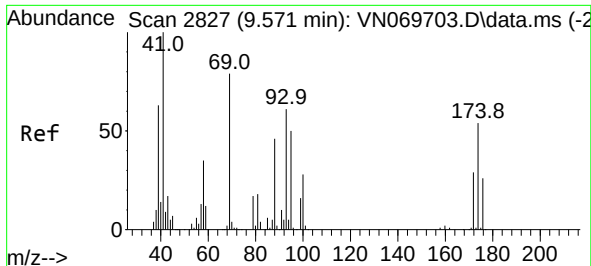
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#48
Methyl methacrylate
Concen: 20.675 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

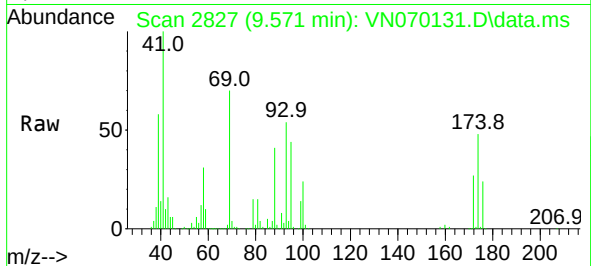
Tgt Ion: 41 Resp: 335181
Ion Ratio Lower Upper
41 100
69 75.3 72.4 108.6
39 63.8 58.4 87.6





#49
1,4-Dioxane
Concen: 419.717 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

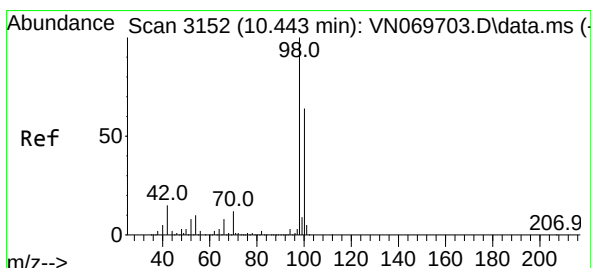
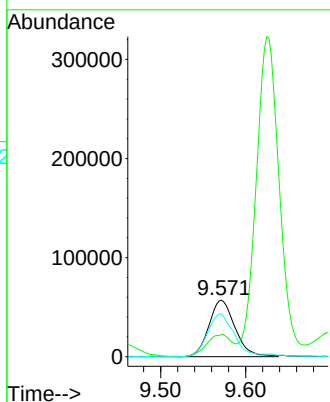
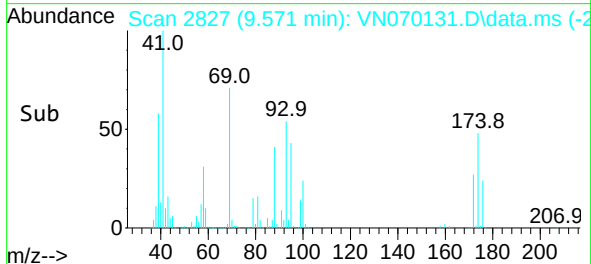
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



Tgt Ion: 88 Resp: 122092
Ion Ratio Lower Upper
88 100
43 37.7 23.4 35.2
58 76.9 50.6 75.8

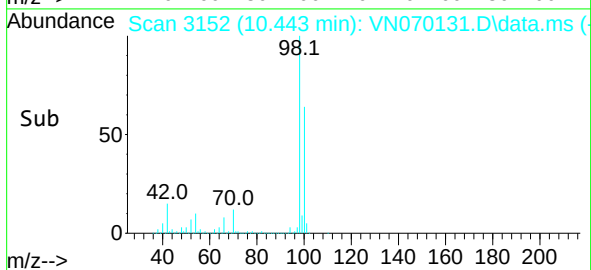
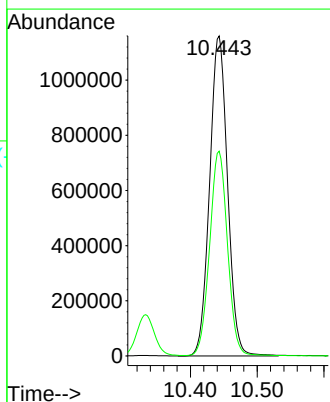
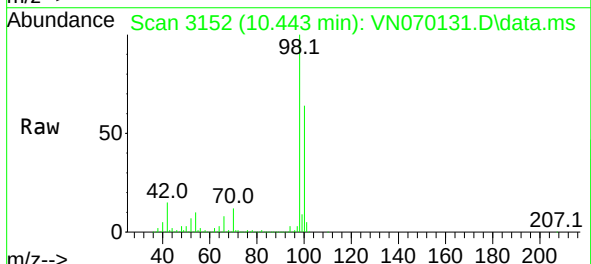
Manual Integrations
APPROVED

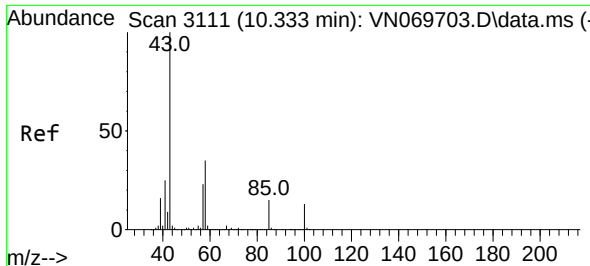
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#50
Toluene-d8
Concen: 51.987 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

Tgt Ion: 98 Resp: 2166336
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6





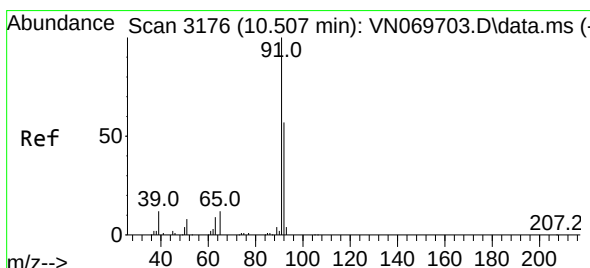
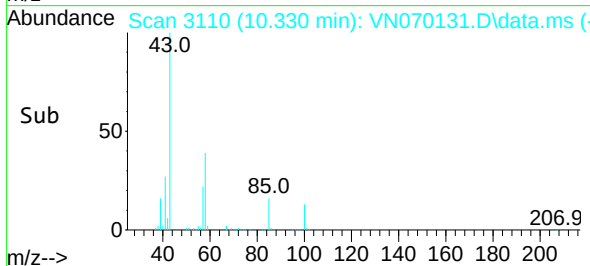
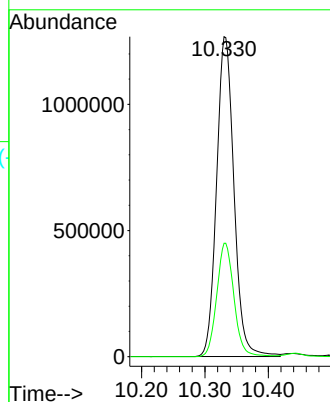
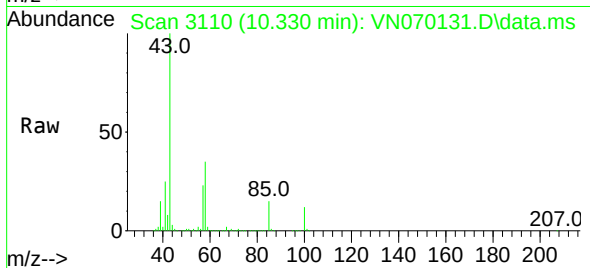
#51
4-Methyl-2-Pentanone
Concen: 107.304 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion: 43 Resp: 2418228
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6

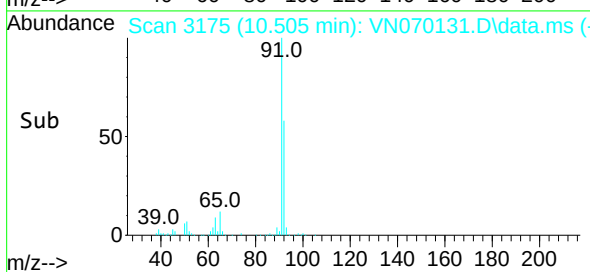
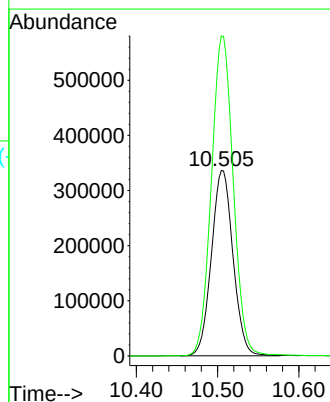
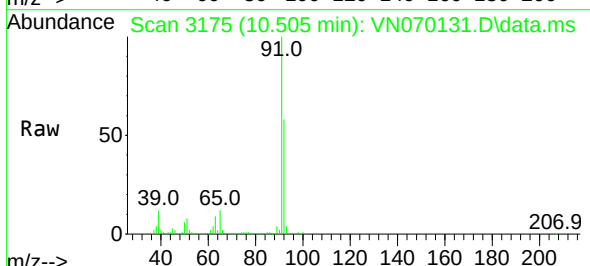
Manual Integrations
APPROVED

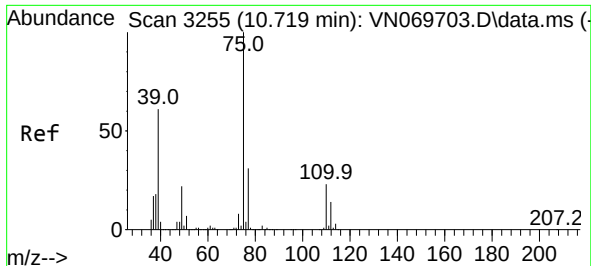
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#52
Toluene
Concen: 21.072 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

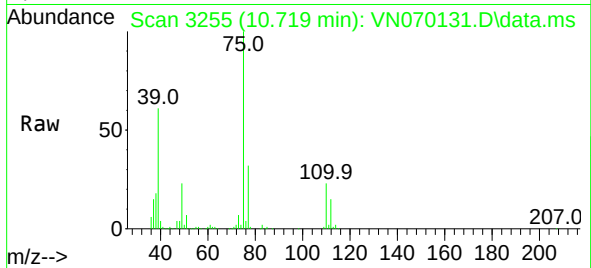
Tgt Ion: 92 Resp: 620208
Ion Ratio Lower Upper
92 100
91 175.4 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 19.827 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

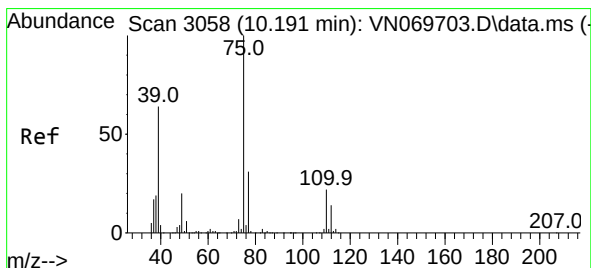
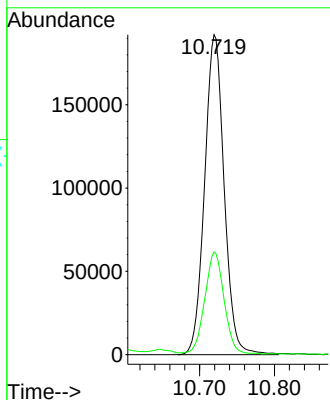
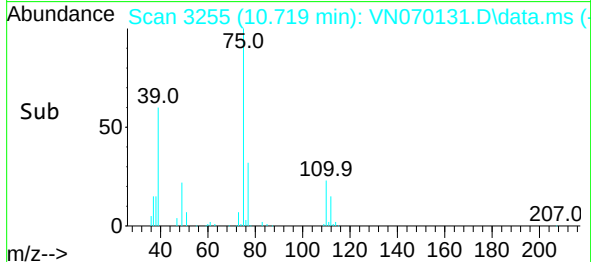
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBSD01



Tgt Ion: 75 Resp: 348869
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4

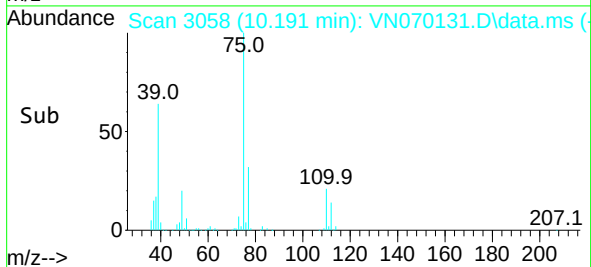
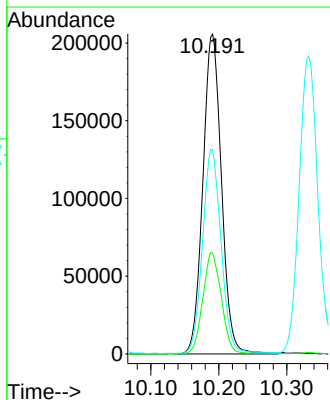
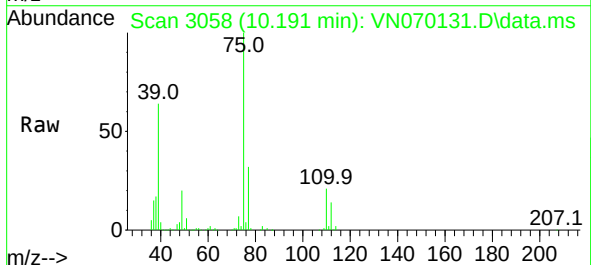
Manual Integrations
APPROVED

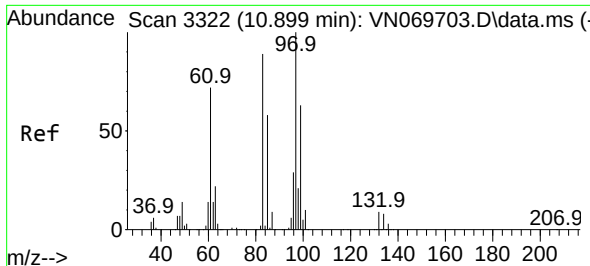
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#54
cis-1,3-Dichloropropene
Concen: 20.514 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

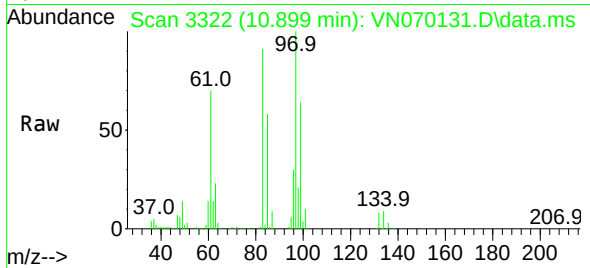
Tgt Ion: 75 Resp: 391412
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
39 63.6 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 21.168 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

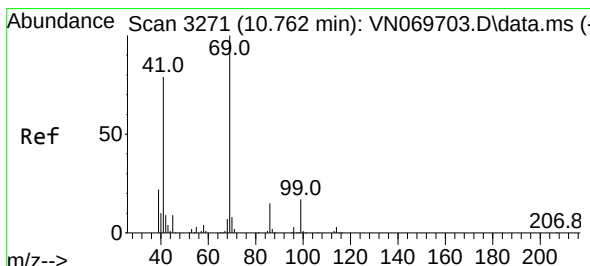
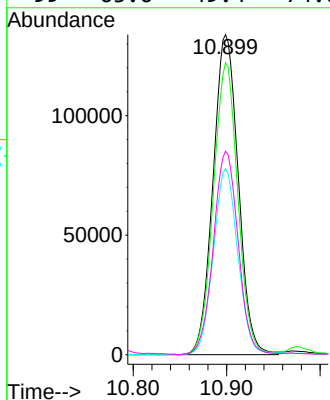
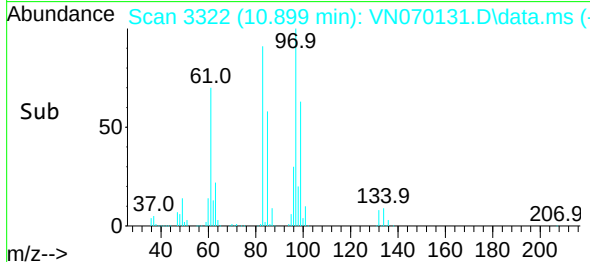
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBSD01



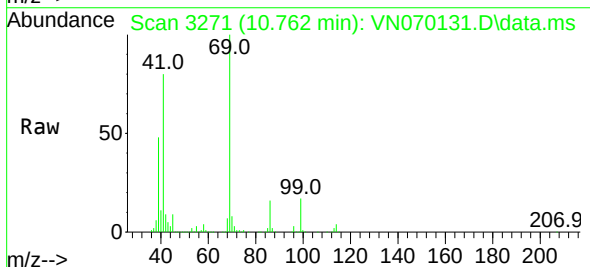
Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.2	67.8	101.6
85	58.2	45.4	68.2
99	63.6	49.4	74.0

Manual Integrations
APPROVED

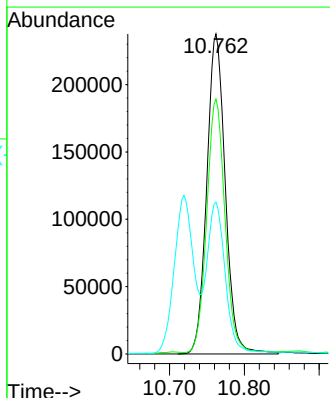
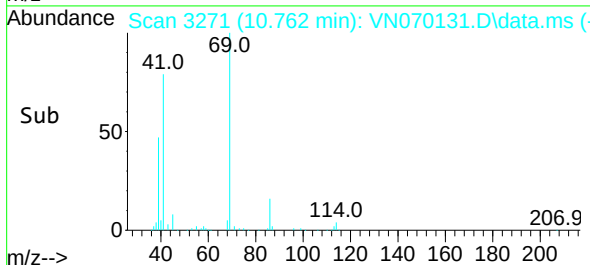
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

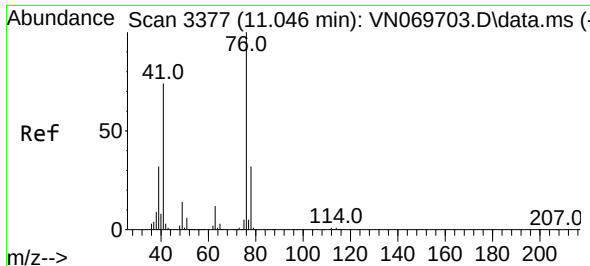


#56
Ethyl methacrylate
Concen: 19.715 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23



Tgt Ion	Ratio	Lower	Upper
69	100		
41	78.0	51.4	77.0#
39	45.1	34.6	52.0





#57

1,3-Dichloropropane

Concen: 21.506 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070131.D

Acq: 16 Dec 2021 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

Tgt Ion: 76 Resp: 449692

Ion Ratio Lower Upper

76 100

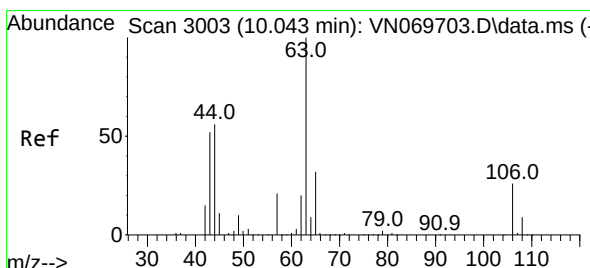
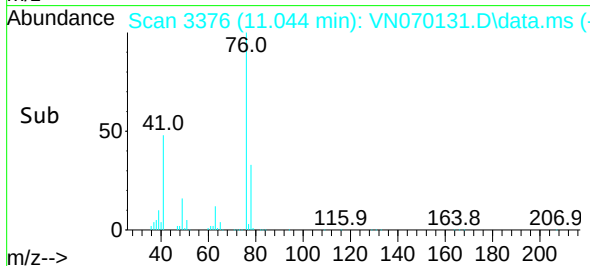
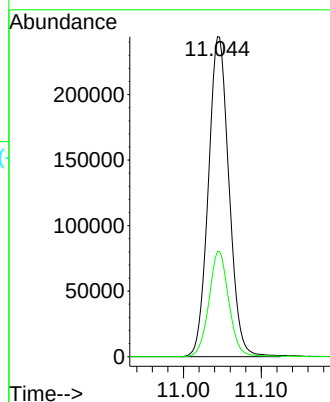
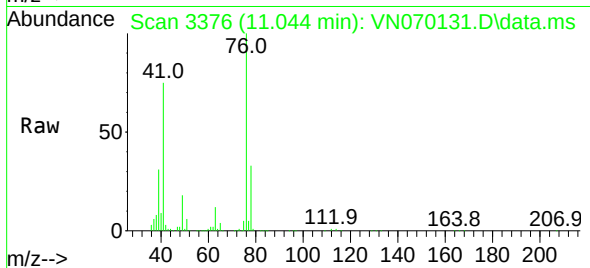
78 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#58

2-Chloroethyl Vinyl ether

Concen: 84.085 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.000 min

Lab File: VN070131.D

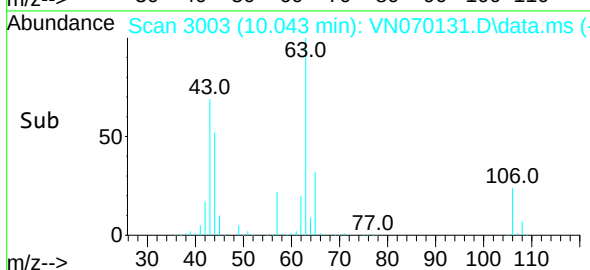
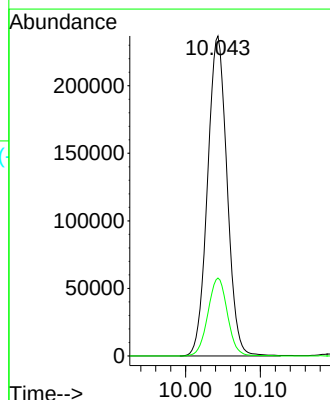
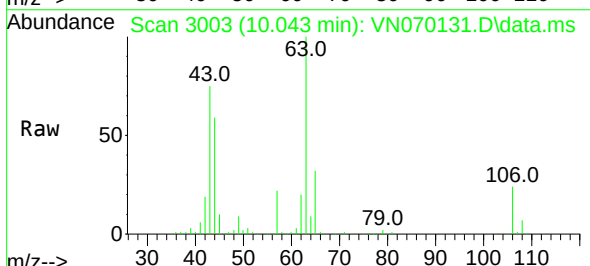
Acq: 16 Dec 2021 12:23

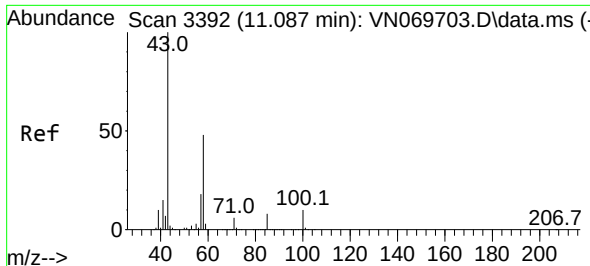
Tgt Ion: 63 Resp: 429087

Ion Ratio Lower Upper

63 100

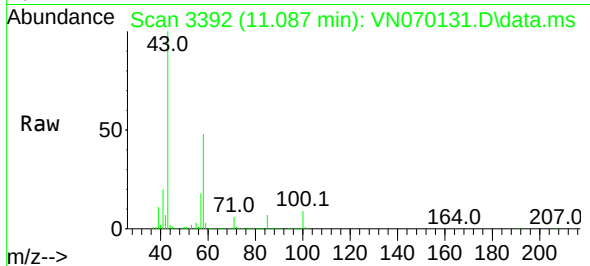
106 24.3 23.9 35.9





#59
2-Hexanone
Concen: 103.163 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

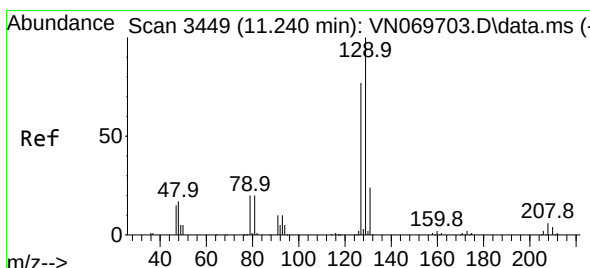
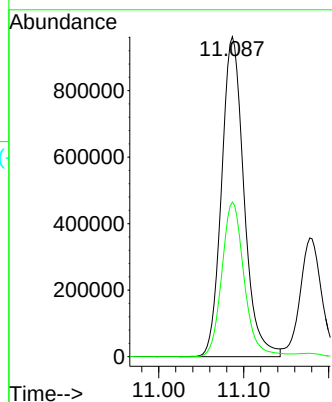
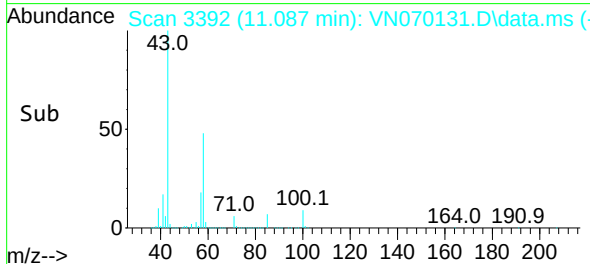
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBSD01



Tgt Ion: 43 Resp: 1758718
Ion Ratio Lower Upper
43 100
58 48.3 26.9 80.7

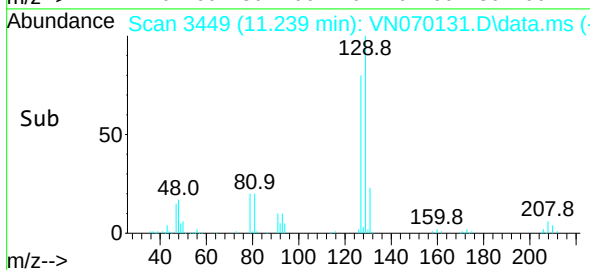
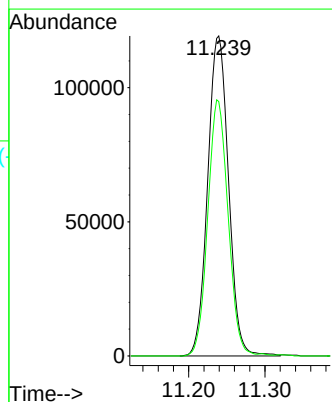
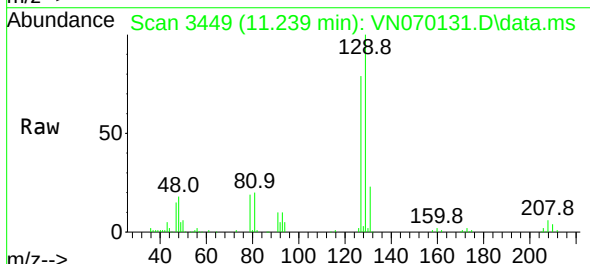
Manual Integrations
APPROVED

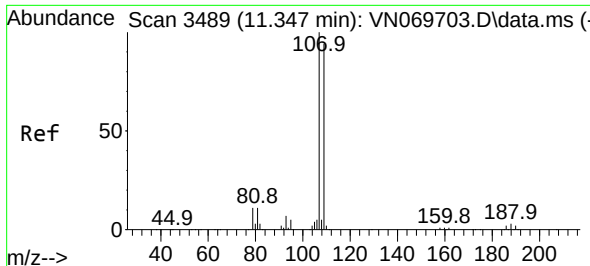
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#60
Dibromochloromethane
Concen: 19.308 ug/l
RT: 11.239 min Scan# 3449
Delta R.T. -0.001 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

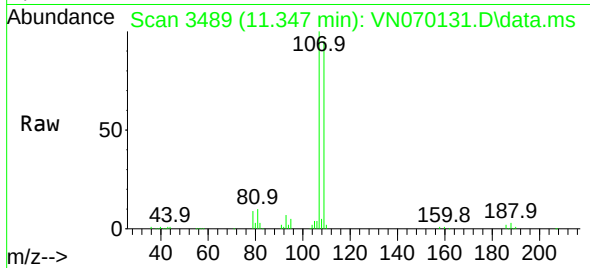
Tgt Ion:129 Resp: 226195
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.640 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

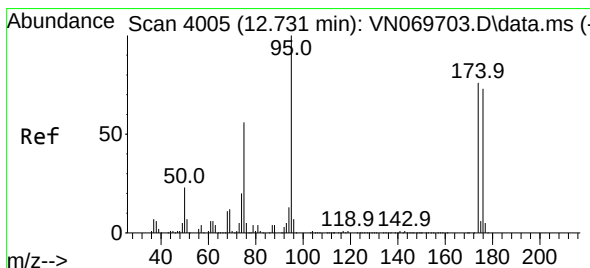
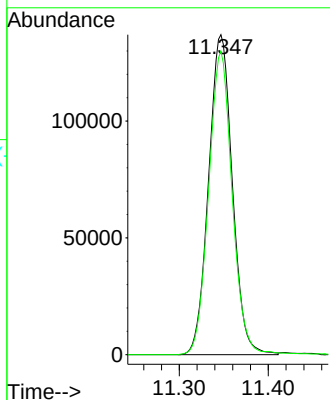
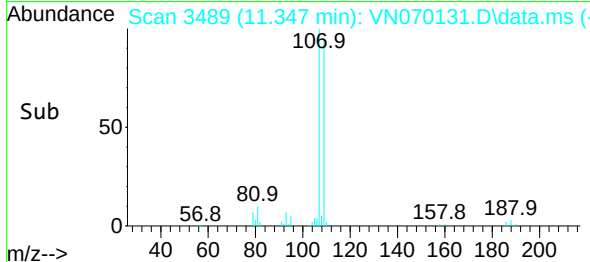
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBSD01



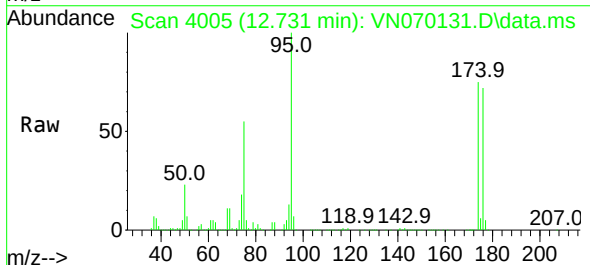
Tgt Ion:107 Resp: 253879
Ion Ratio Lower Upper
107 100
109 94.1 75.7 113.5

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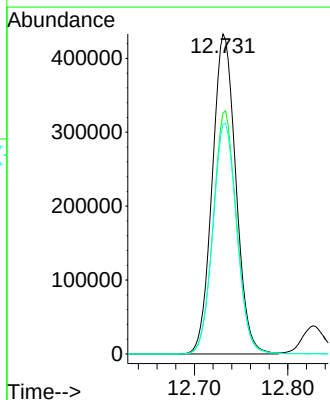
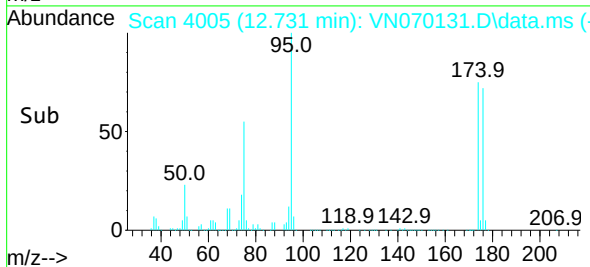
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

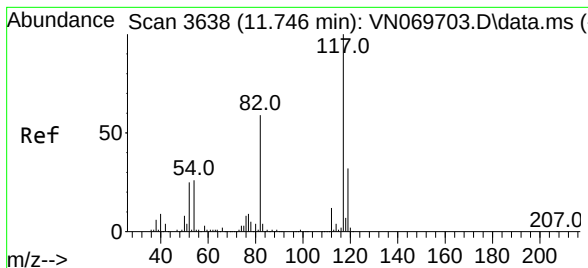


#62
4-Bromofluorobenzene
Concen: 50.265 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23



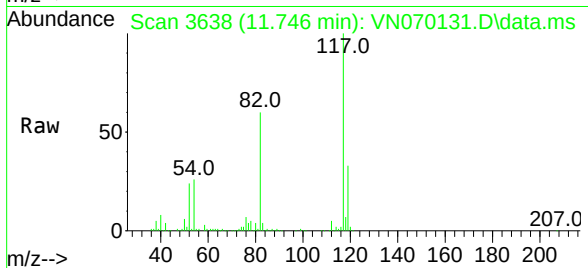
Tgt Ion: 95 Resp: 758809
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 72.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

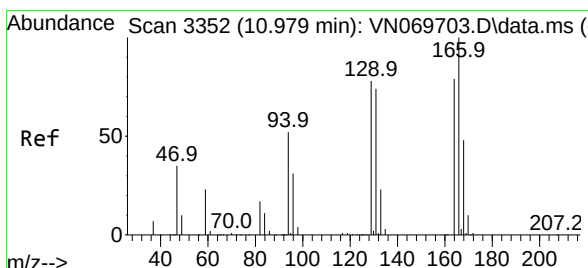
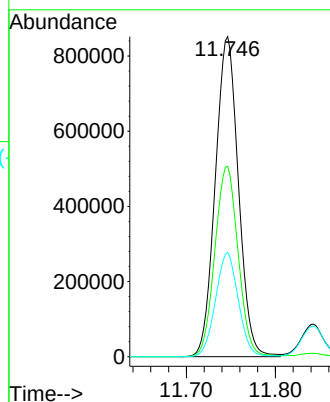
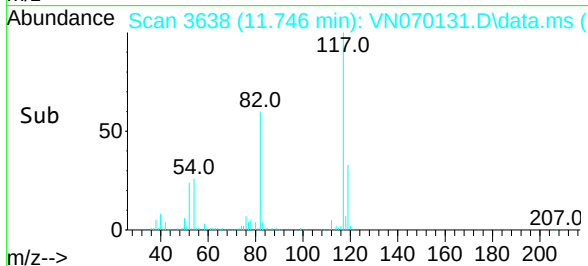
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBSD01



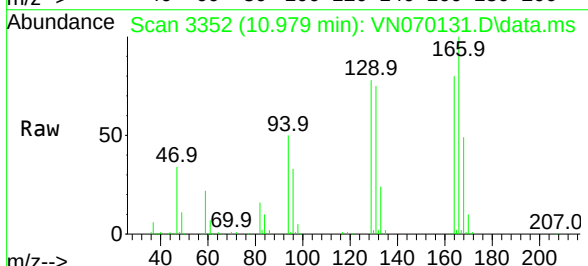
Tgt Ion:117 Resp: 153907
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.5 25.4 38.2

Manual Integrations
APPROVED

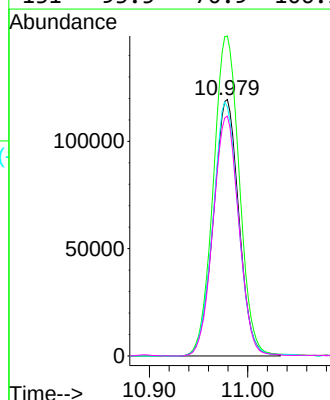
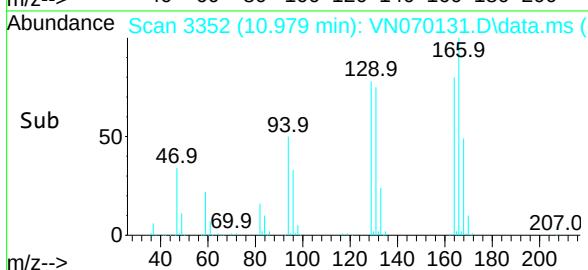
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

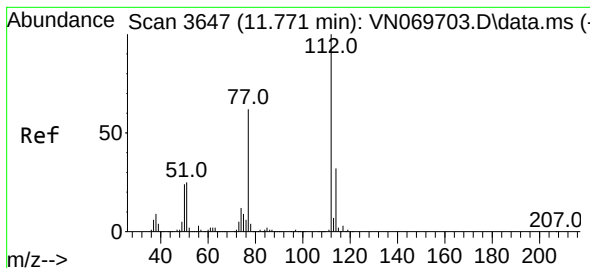


#64
Tetrachloroethene
Concen: 20.645 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23



Tgt Ion:164 Resp: 215450
Ion Ratio Lower Upper
164 100
166 124.7 101.9 152.9
129 97.1 72.0 108.0
131 93.5 70.9 106.3





#65

Chlorobenzene

Concen: 20.563 ug/l

RT: 11.770 min Scan# 3647

Delta R.T. -0.001 min

Lab File: VN070131.D

Acq: 16 Dec 2021 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

Tgt Ion:112 Resp: 642039

Ion Ratio Lower Upper

112 100

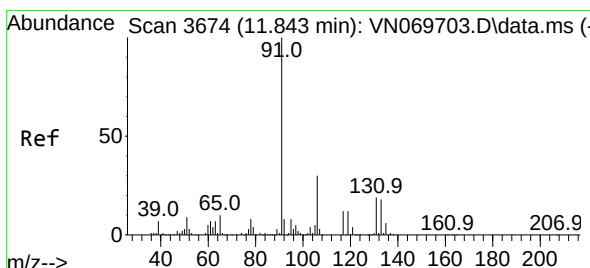
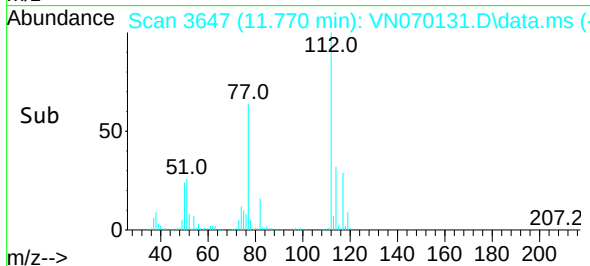
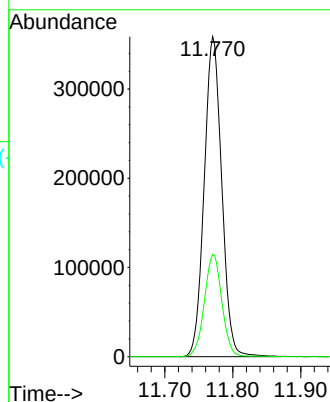
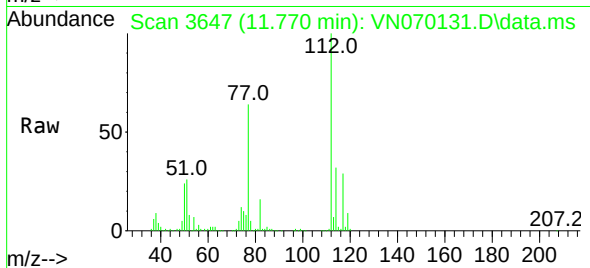
114 31.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#66

1,1,1,2-Tetrachloroethane

Concen: 20.142 ug/l

RT: 11.843 min Scan# 3674

Delta R.T. -0.000 min

Lab File: VN070131.D

Acq: 16 Dec 2021 12:23

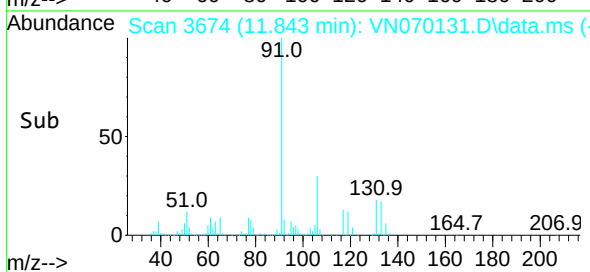
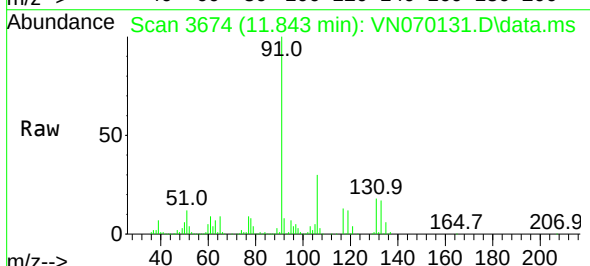
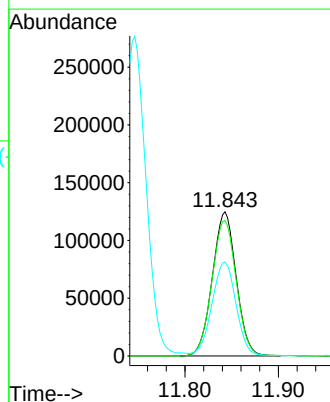
Tgt Ion:131 Resp: 221348

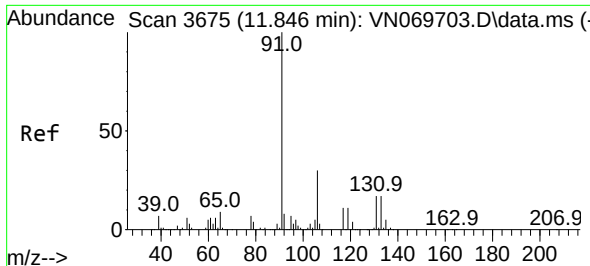
Ion Ratio Lower Upper

131 100

133 96.1 47.9 143.7

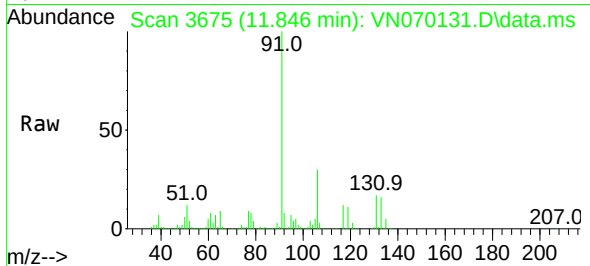
119 65.7 32.1 96.5





#67
Ethyl Benzene
Concen: 20.999 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

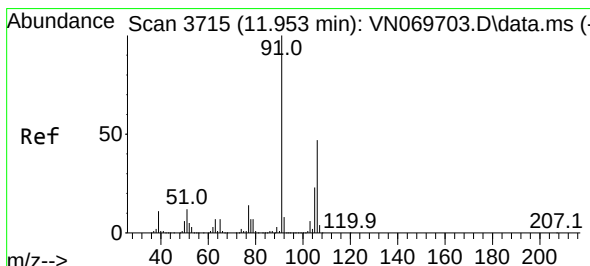
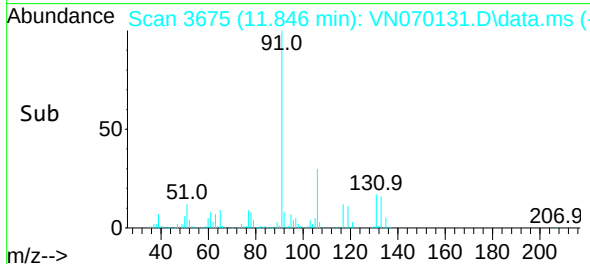
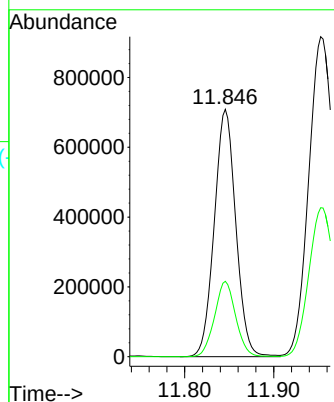
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBSD01



Tgt Ion: 91 Resp: 1190980
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5

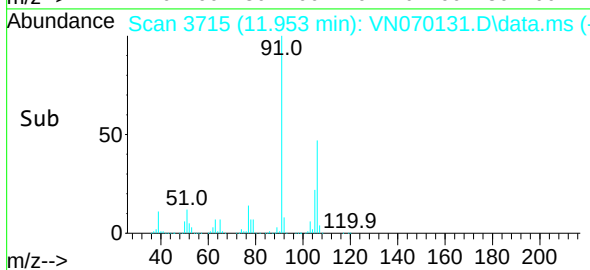
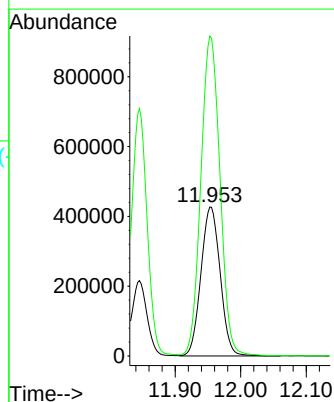
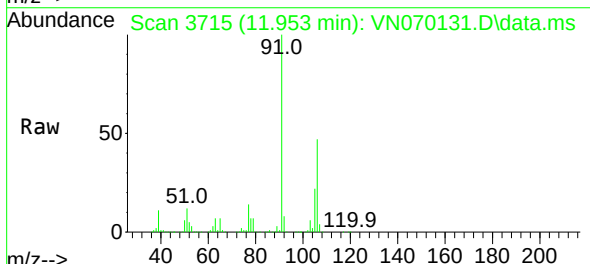
Manual Integrations
APPROVED

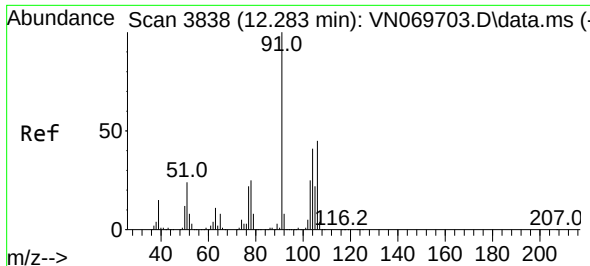
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#68
m/p-Xylenes
Concen: 41.980 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

Tgt Ion:106 Resp: 866922
Ion Ratio Lower Upper
106 100
91 214.3 160.6 240.8





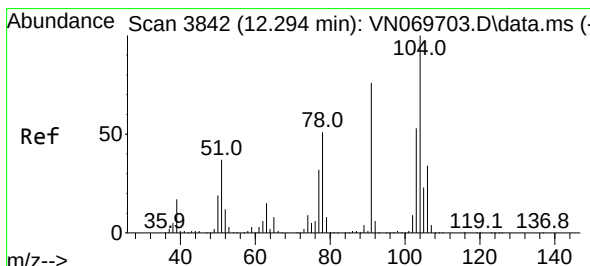
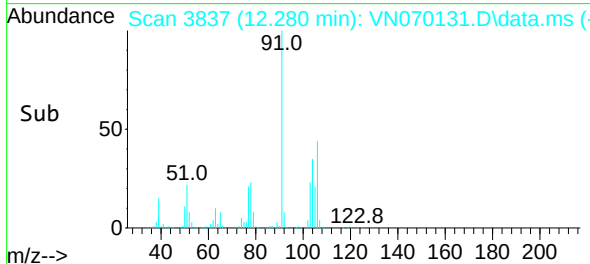
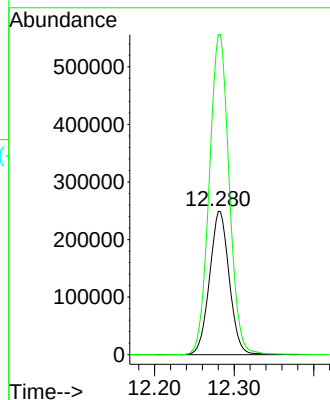
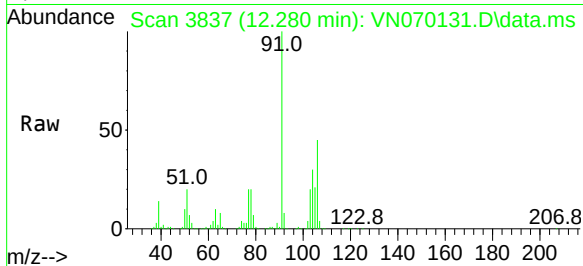
#69
o-Xylene
Concen: 20.539 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion:106 Resp: 427239
Ion Ratio Lower Upper
106 100
91 226.7 105.8 317.3

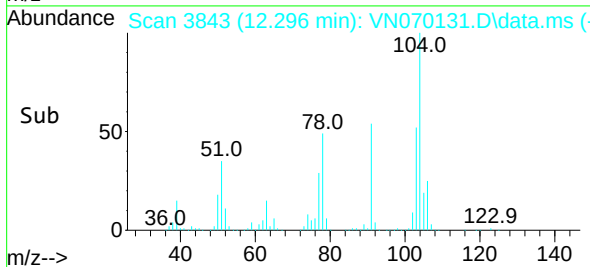
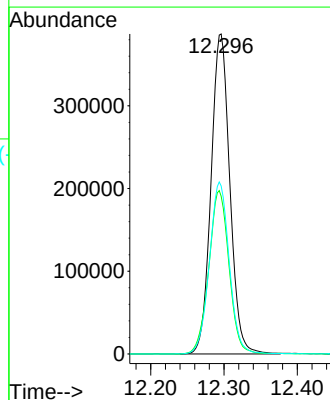
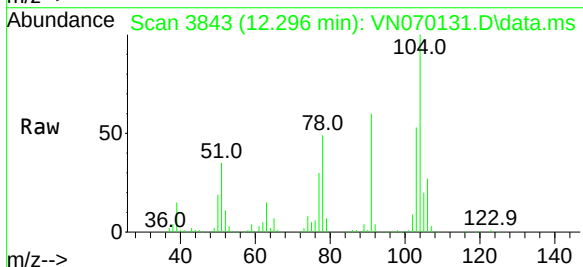
Manual Integrations
APPROVED

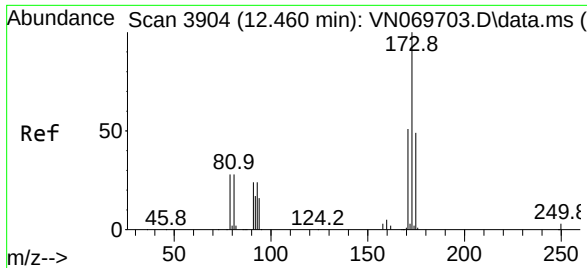
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#70
Styrene
Concen: 20.916 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

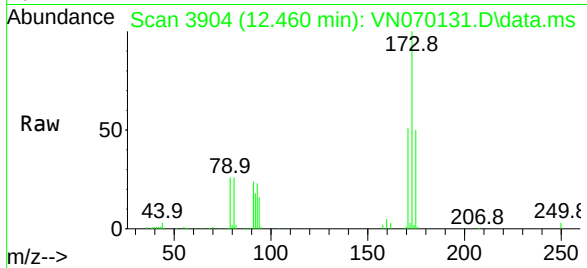
Tgt Ion:104 Resp: 689901
Ion Ratio Lower Upper
104 100
78 54.8 38.7 58.1
103 56.8 45.0 67.6





#71
Bromoform
Concen: 18.739 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

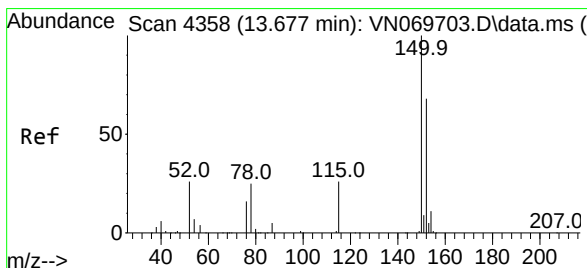
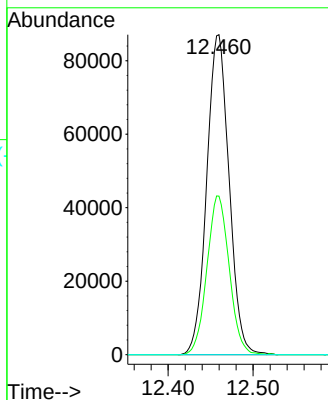
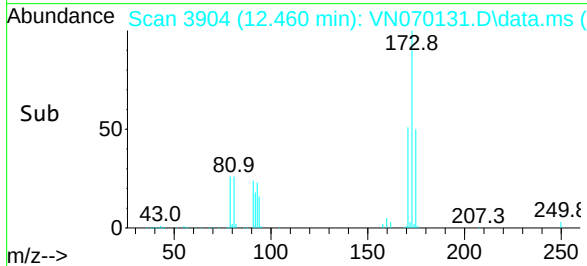
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBSD01



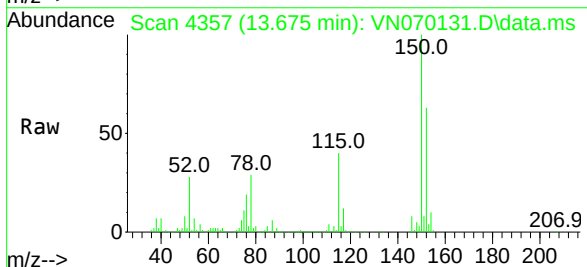
Tgt Ion:173 Resp: 159150
Ion Ratio Lower Upper
173 100
175 49.4 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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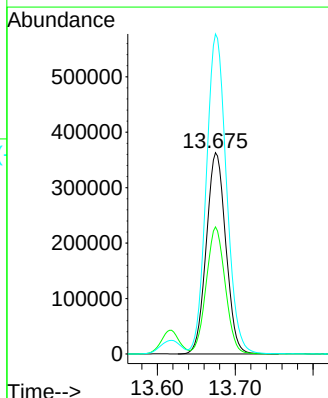
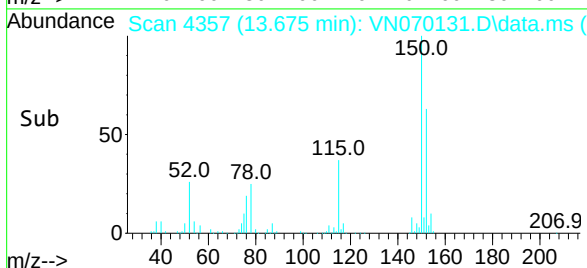
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

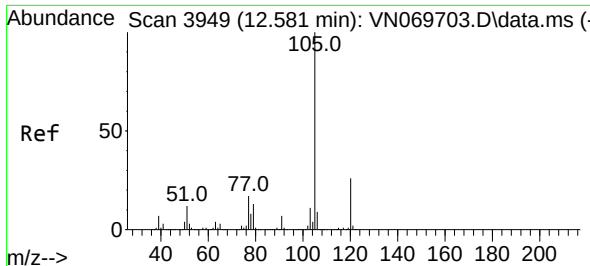


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23



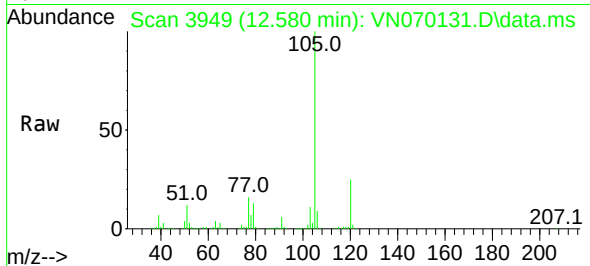
Tgt Ion:152 Resp: 632064
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 164.4 0.0 344.4





#73
Isopropylbenzene
Concen: 19.929 ug/l
RT: 12.580 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

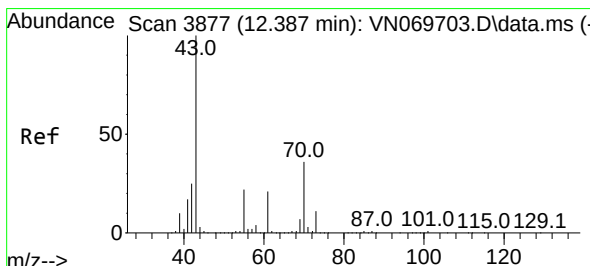
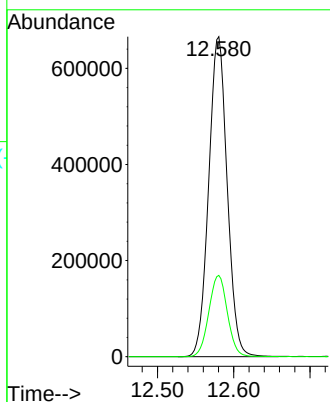
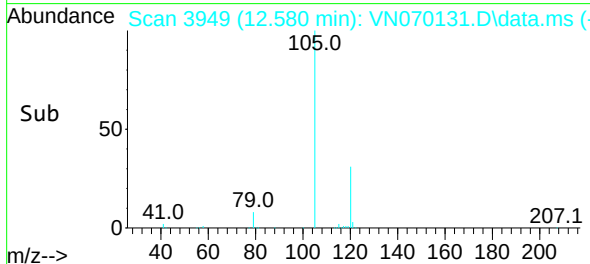
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBSD01



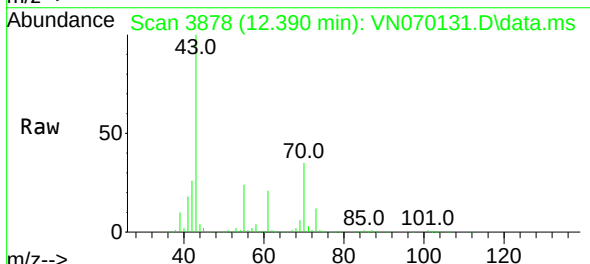
Tgt Ion:105 Resp: 1120730
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

Manual Integrations
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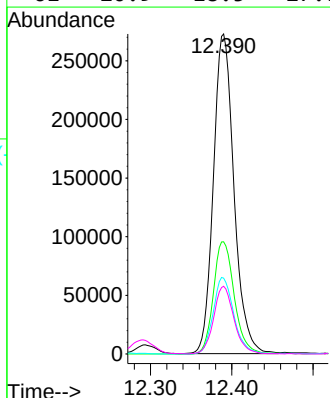
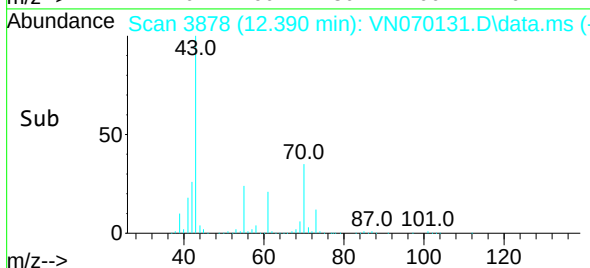
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

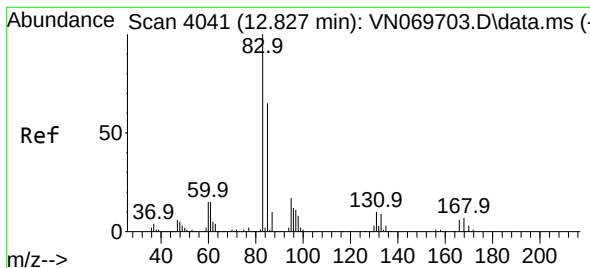


#74
N-ethyl acetate
Concen: 19.311 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23



Tgt Ion: 43 Resp: 480268
Ion Ratio Lower Upper
43 100
70 35.6 33.4 50.0
55 24.0 19.3 28.9
61 20.9 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.439 ug/l

RT: 12.827 min Scan# 4041

Delta R.T. -0.000 min

Lab File: VN070131.D

Acq: 16 Dec 2021 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

Tgt Ion: 83 Resp: 39746

Ion Ratio Lower Upper

83 100

131 9.8 5.5 16.5

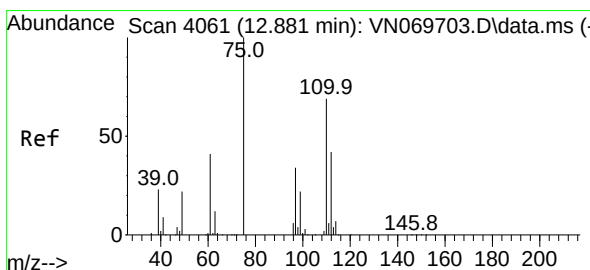
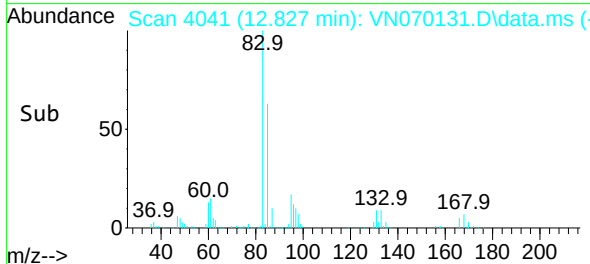
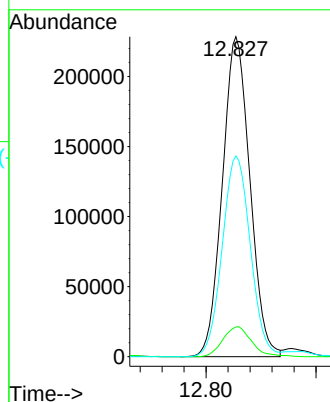
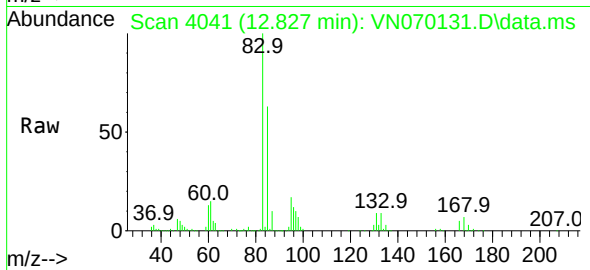
85 63.9 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#76

1,2,3-Trichloropropane

Concen: 19.191 ug/l m

RT: 12.881 min Scan# 4061

Delta R.T. -0.000 min

Lab File: VN070131.D

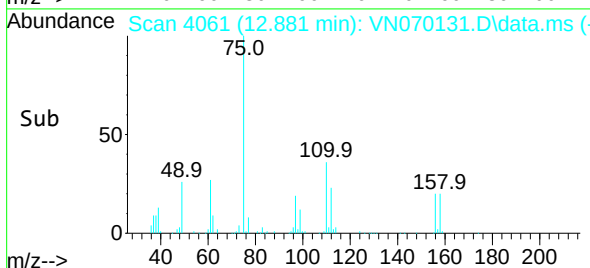
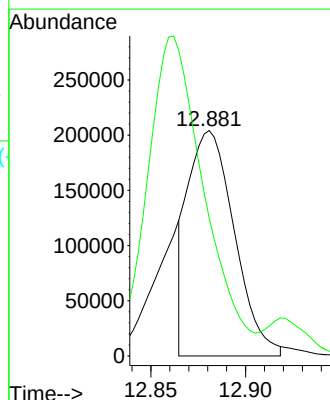
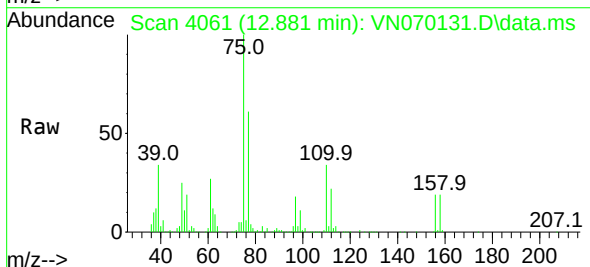
Acq: 16 Dec 2021 12:23

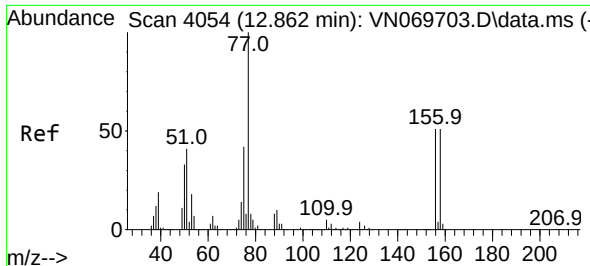
Tgt Ion: 75 Resp: 347861

Ion Ratio Lower Upper

75 100

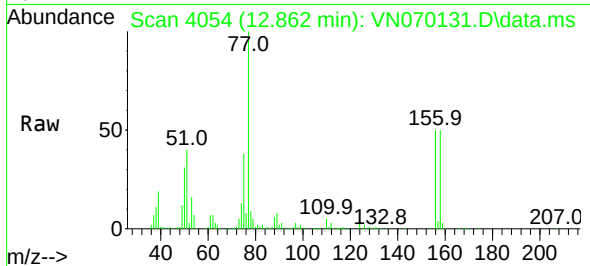
77 173.1 82.6 247.8





#77
Bromobenzene
Concen: 19.799 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

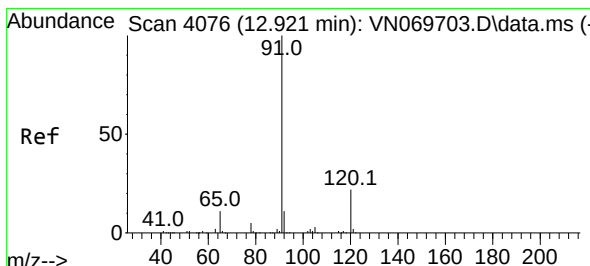
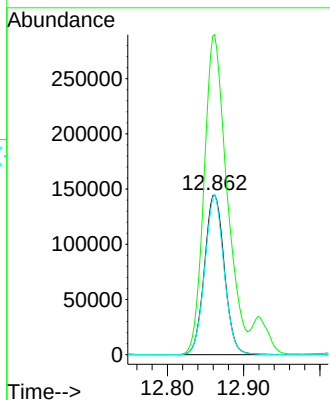
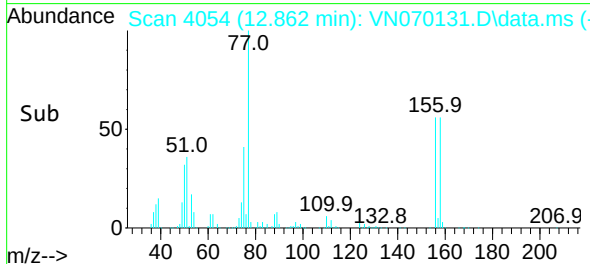
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



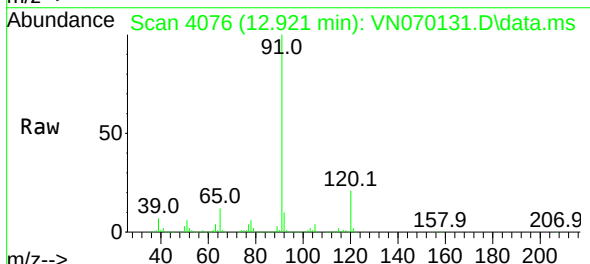
Tgt Ion:156 Resp: 261524
Ion Ratio Lower Upper
156 100
77 230.2 90.6 271.8
158 97.1 48.9 146.7

Manual Integrations
APPROVED

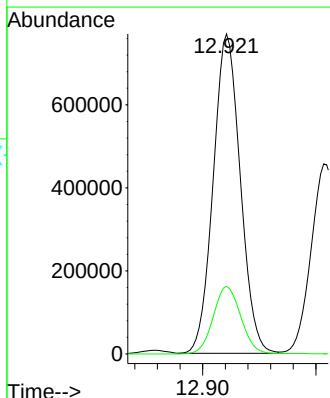
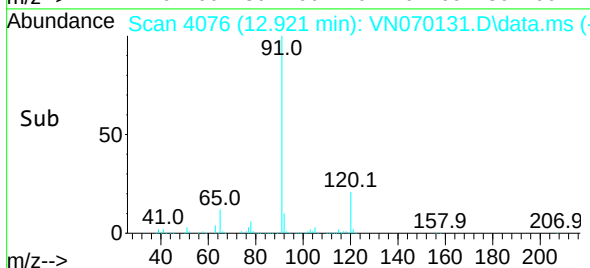
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

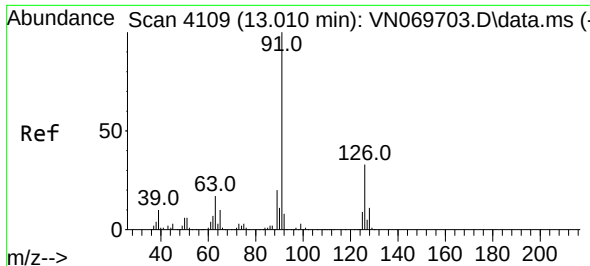


#78
n-propylbenzene
Concen: 20.373 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23



Tgt Ion: 91 Resp: 1274929
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9





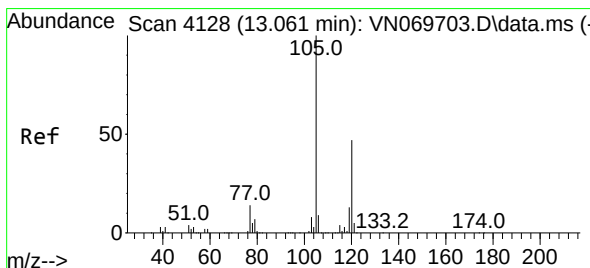
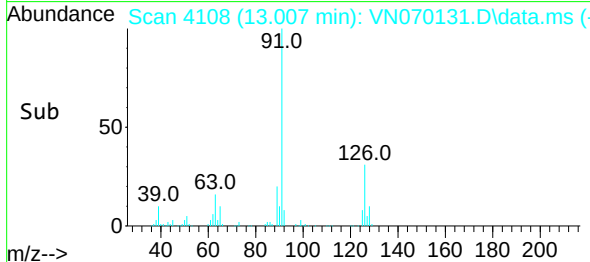
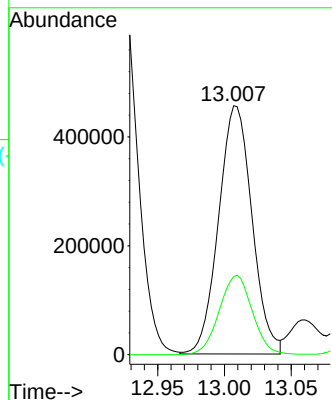
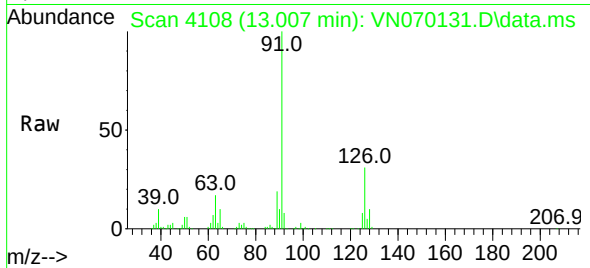
#79
2-Chlorotoluene
Concen: 20.090 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion: 91 Resp: 794380
Ion Ratio Lower Upper
91 100
126 31.8 18.3 54.8

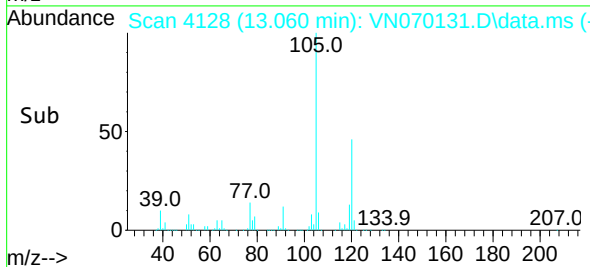
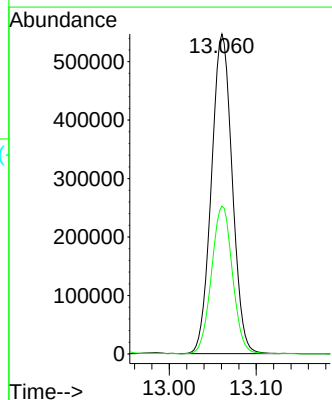
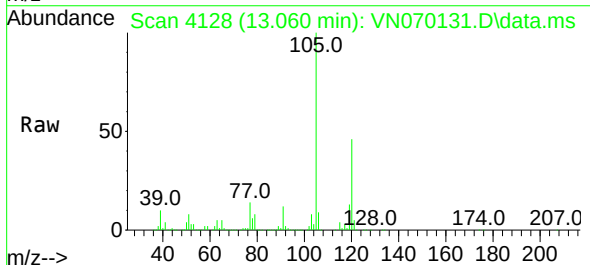
Manual Integrations
APPROVED

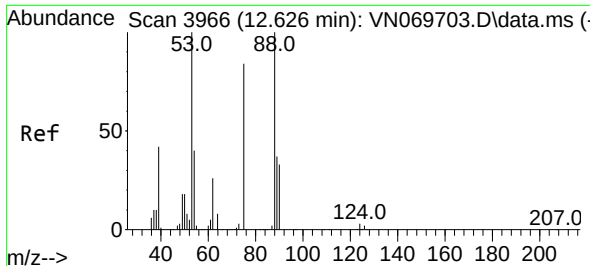
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.050 ug/l
RT: 13.060 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

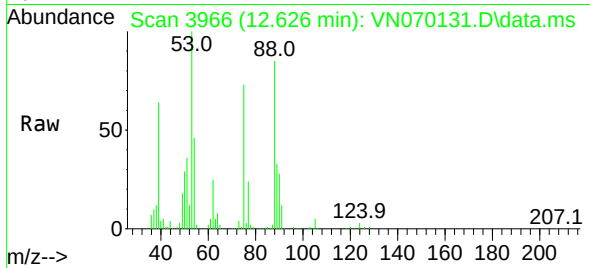
Tgt Ion:105 Resp: 907540
Ion Ratio Lower Upper
105 100
120 46.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.366 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

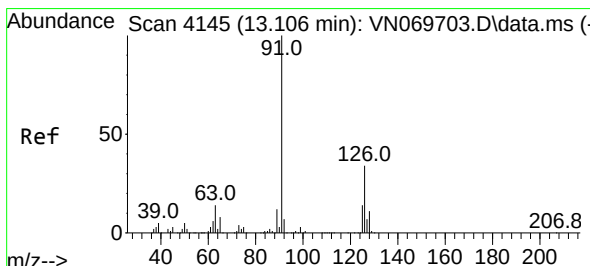
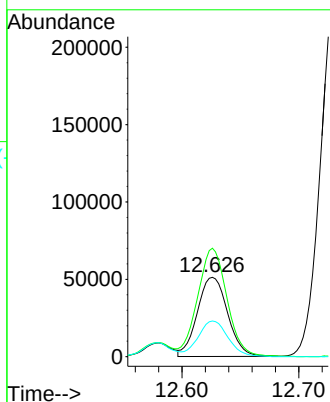
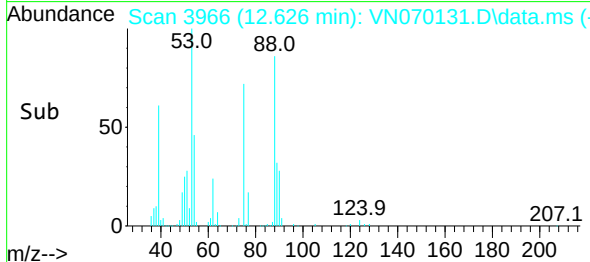
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBSD01



Tgt Ion: 75 Resp: 9225
Ion Ratio Lower Upper
75 100
53 134.3 90.5 135.7
89 44.8 38.2 57.4

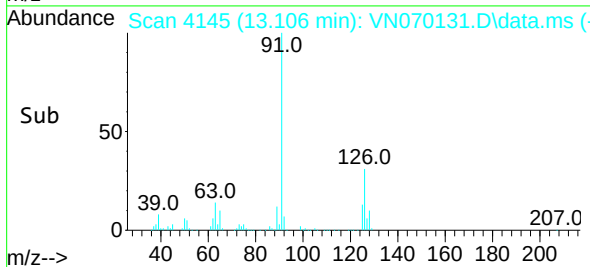
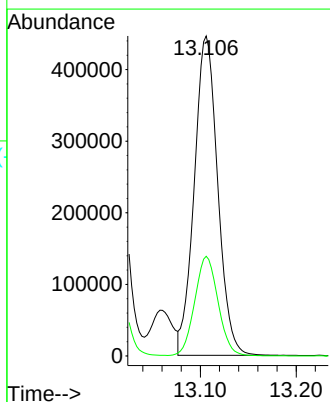
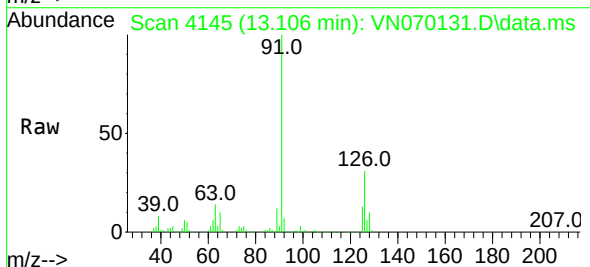
Manual Integrations
APPROVED

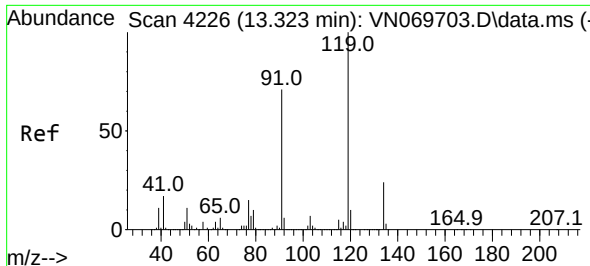
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#82
4-Chlorotoluene
Concen: 20.405 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

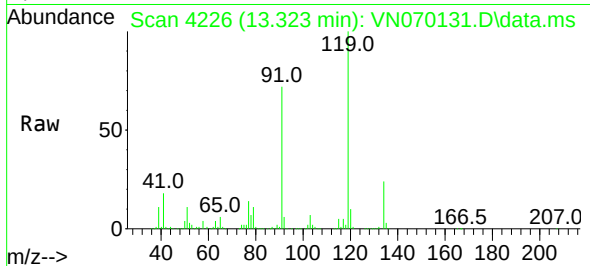
Tgt Ion: 91 Resp: 758778
Ion Ratio Lower Upper
91 100
126 31.1 18.2 54.6





#83
tert-Butylbenzene
Concen: 19.488 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

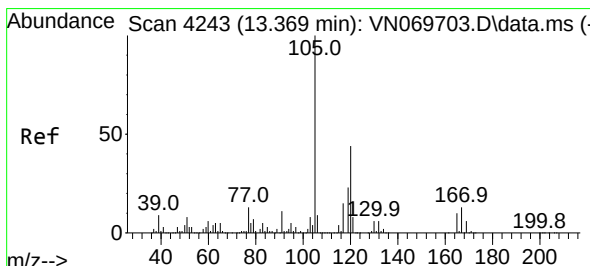
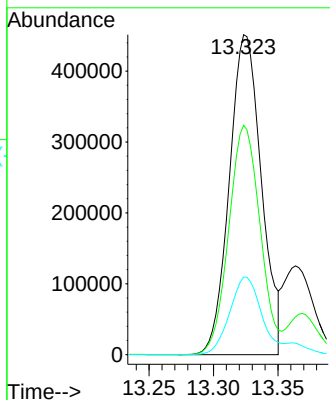
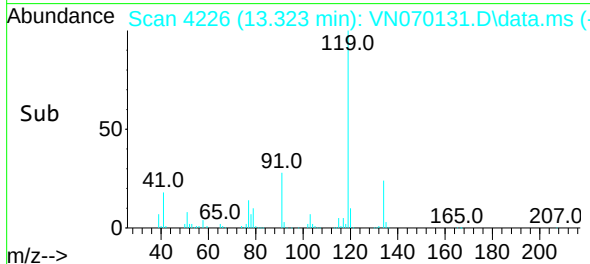
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBSD01



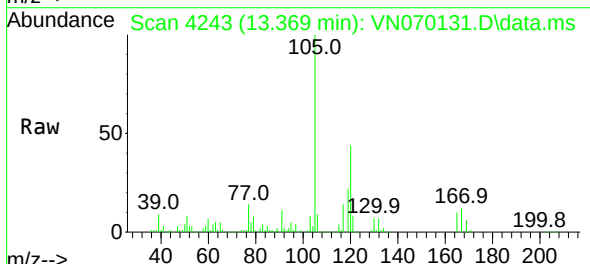
Tgt Ion:119 Resp: 781050
Ion Ratio Lower Upper
119 100
91 70.3 31.5 94.5
134 24.3 12.4 37.4

Manual Integrations
APPROVED

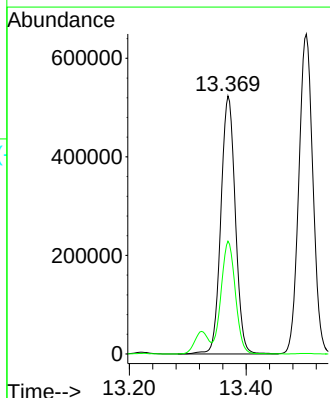
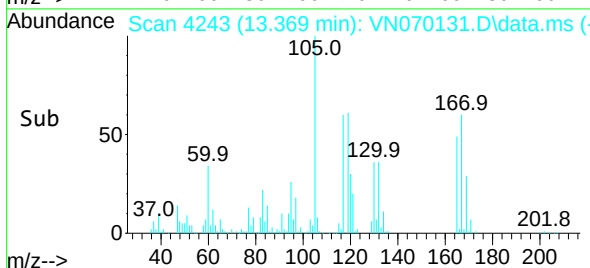
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

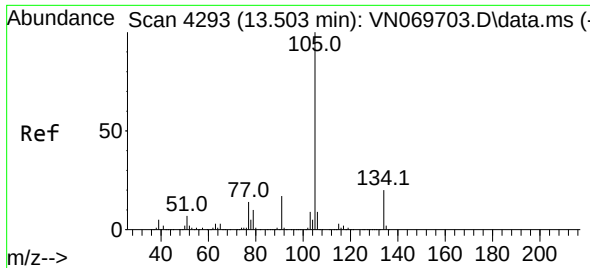


#84
1,2,4-Trimethylbenzene
Concen: 20.872 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23



Tgt Ion:105 Resp: 899737
Ion Ratio Lower Upper
105 100
120 43.6 22.8 68.4





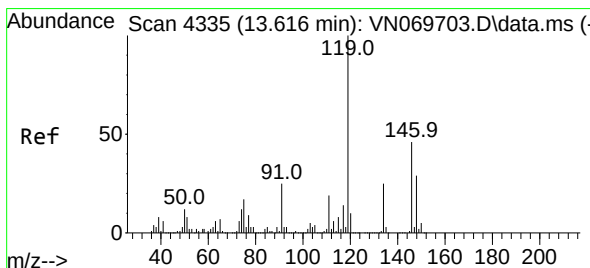
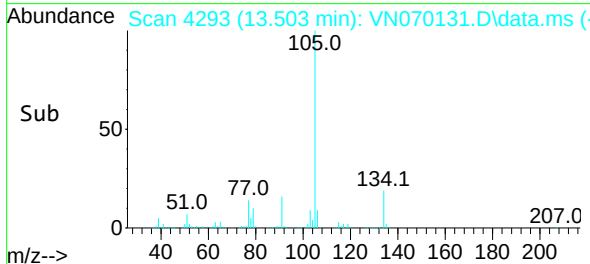
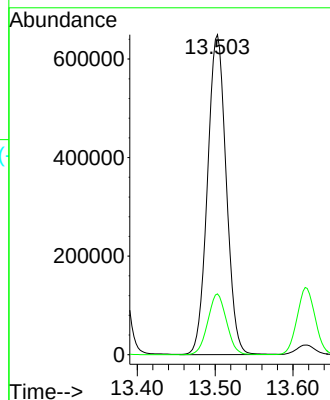
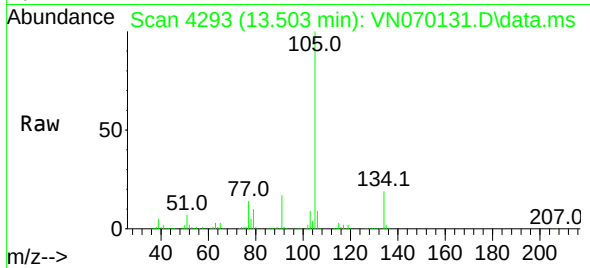
#85
 sec-Butylbenzene
 Concen: 19.974 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.000 min
 Lab File: VN070131.D
 Acq: 16 Dec 2021 12:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216MBSD01

Tgt Ion:105 Resp: 108586
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.4 31.1

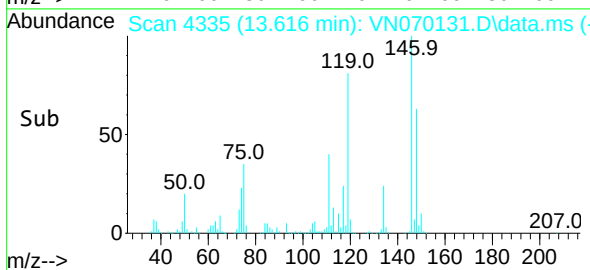
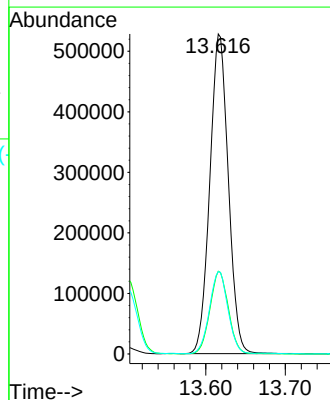
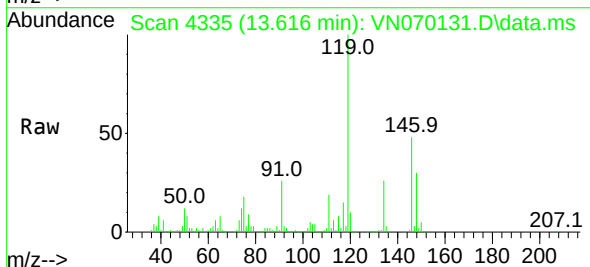
Manual Integrations
 APPROVED

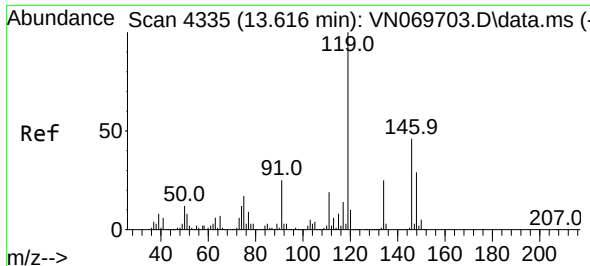
Reviewed By :John Carlone 12/17/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#86
 p-Isopropyltoluene
 Concen: 20.074 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN070131.D
 Acq: 16 Dec 2021 12:23

Tgt Ion:119 Resp: 853044
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 25.7 11.4 34.1





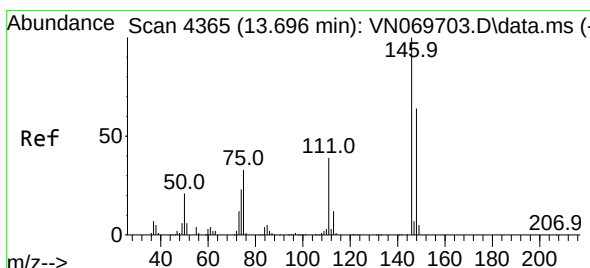
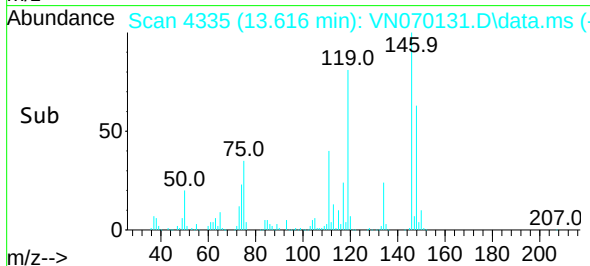
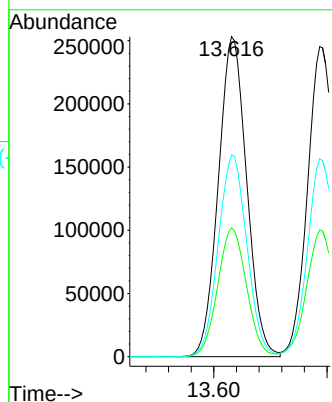
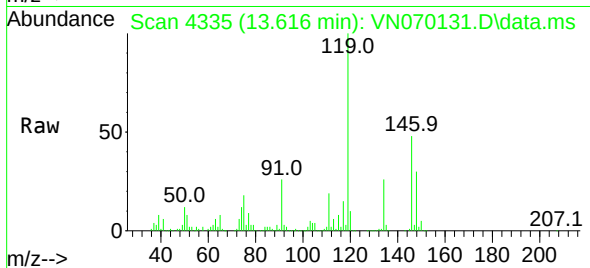
#87
1,3-Dichlorobenzene
Concen: 20.286 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion:146 Resp: 44020
Ion Ratio Lower Upper
146 100
111 40.8 18.6 55.6
148 63.8 31.6 95.0

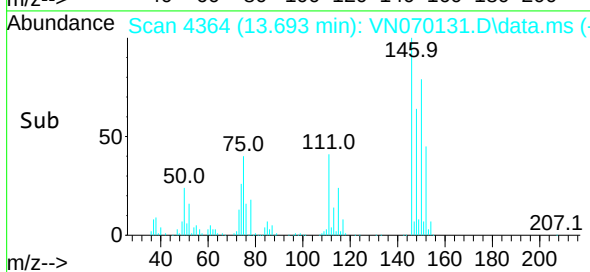
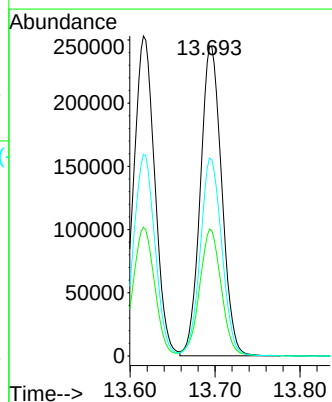
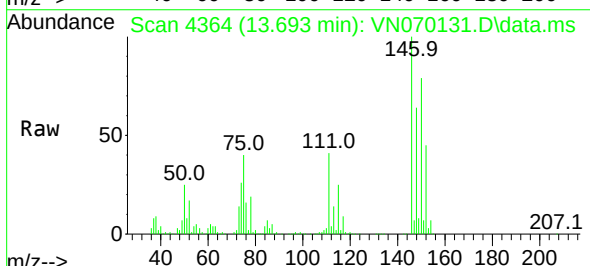
Manual Integrations
APPROVED

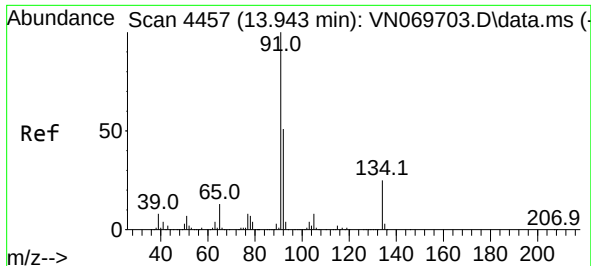
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#88
1,4-Dichlorobenzene
Concen: 20.068 ug/l
RT: 13.693 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

Tgt Ion:146 Resp: 427957
Ion Ratio Lower Upper
146 100
111 41.2 18.3 54.8
148 64.4 31.8 95.4





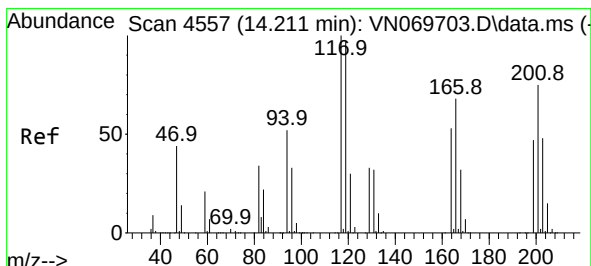
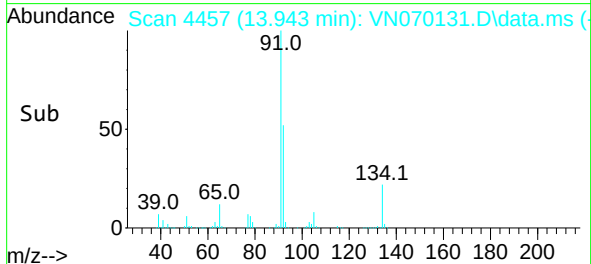
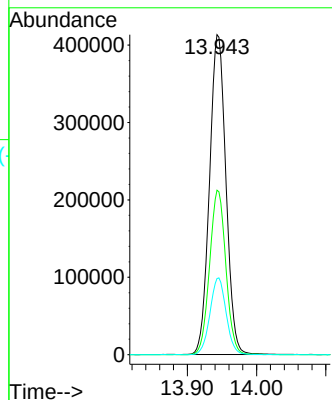
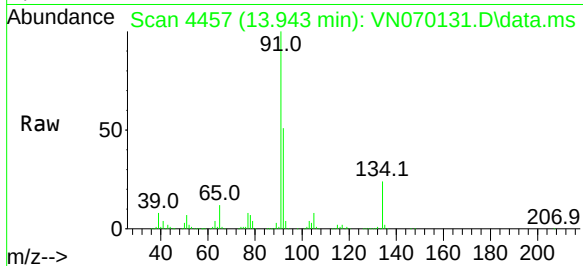
#89
n-Butylbenzene
Concen: 19.740 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion: 91 Resp: 680439
Ion Ratio Lower Upper
91 100
92 50.9 25.4 76.0
134 23.7 13.6 40.8

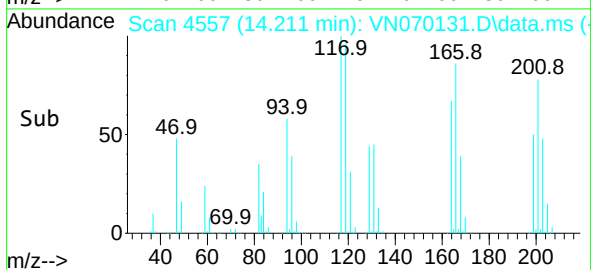
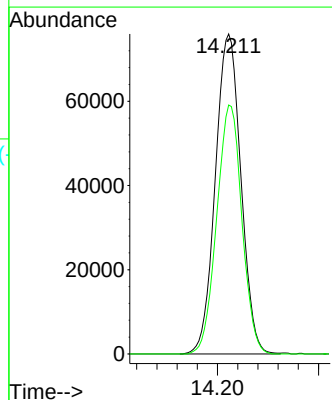
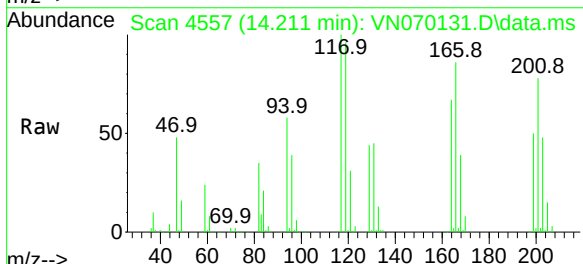
Manual Integrations
APPROVED

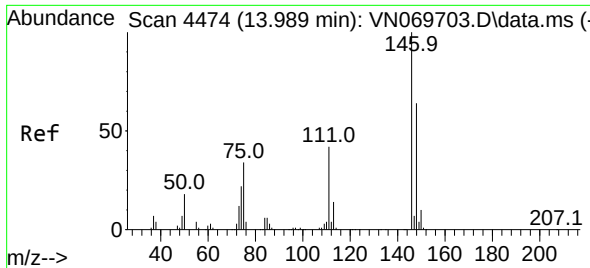
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#90
Hexachloroethane
Concen: 17.869 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

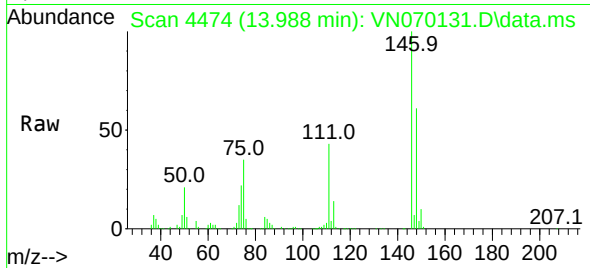
Tgt Ion:117 Resp: 133317
Ion Ratio Lower Upper
117 100
201 76.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 20.447 ug/l
RT: 13.988 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

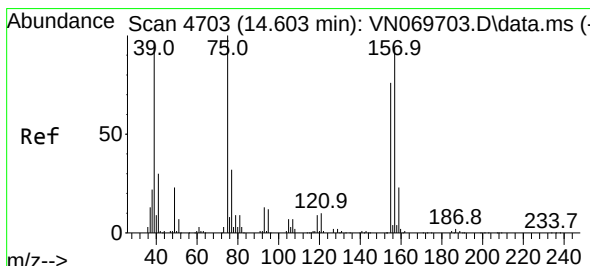
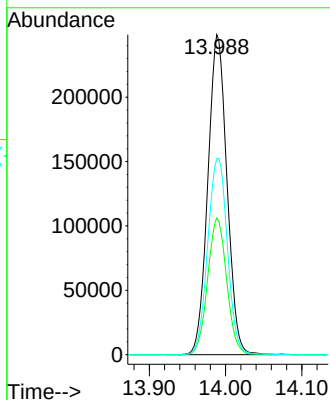
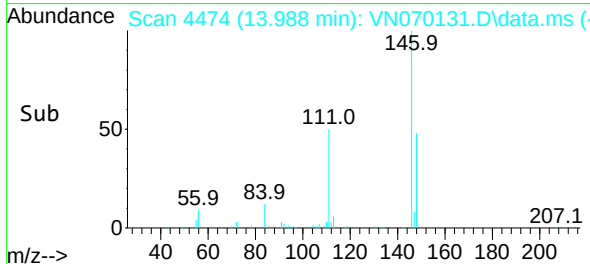
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBSD01



Tgt Ion:146 Resp: 432336
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 63.4 32.1 96.3

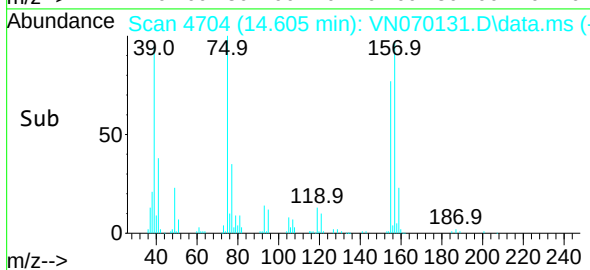
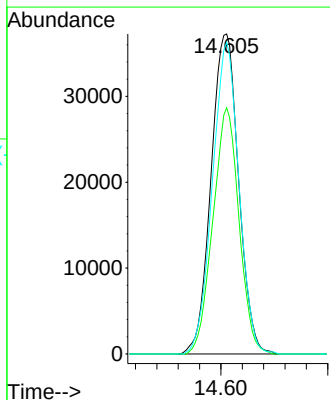
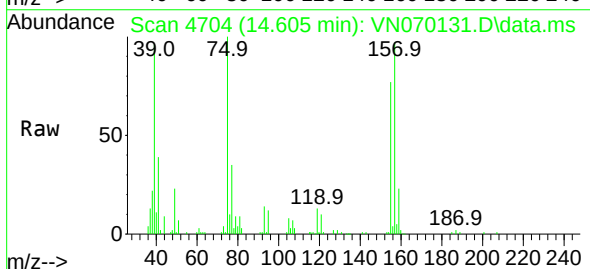
Manual Integrations
APPROVED

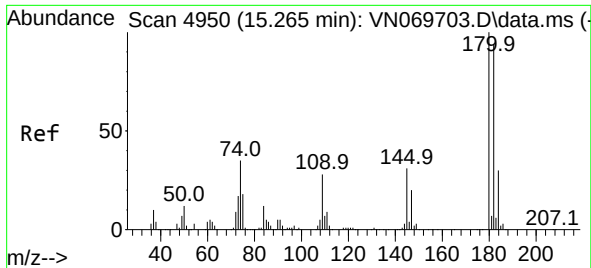
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.984 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

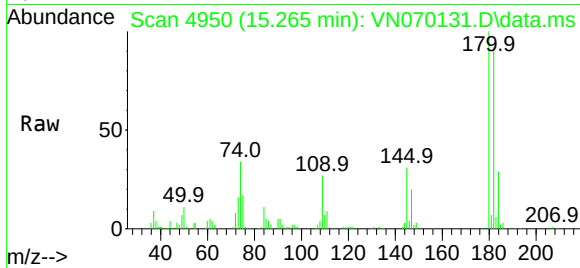
Tgt Ion: 75 Resp: 66709
Ion Ratio Lower Upper
75 100
155 72.9 46.9 140.7
157 93.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 20.272 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

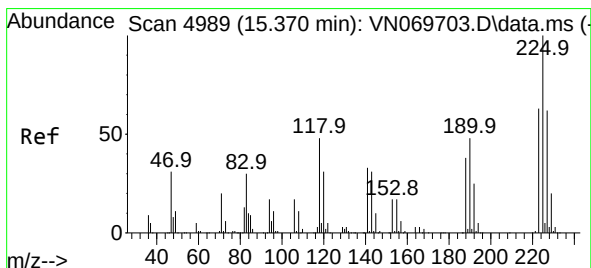
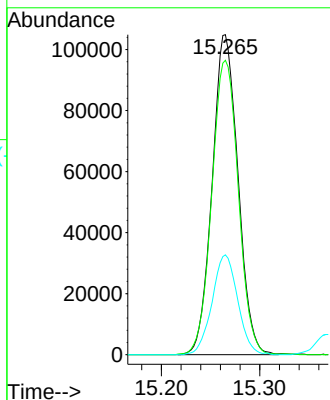
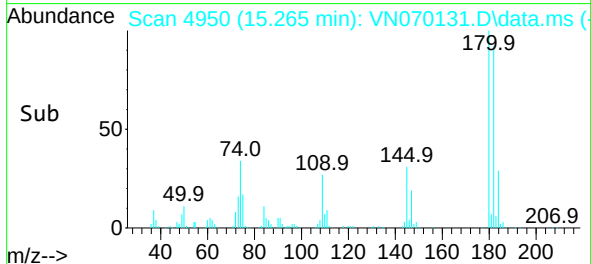
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



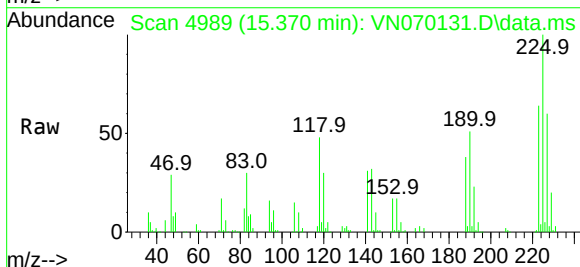
Tgt Ion:180 Resp: 191392
Ion Ratio Lower Upper
180 100
182 94.5 48.3 144.9
145 31.0 14.5 43.5

Manual Integrations
APPROVED

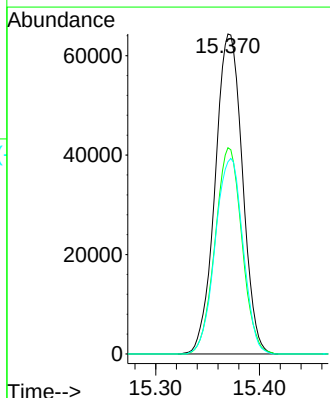
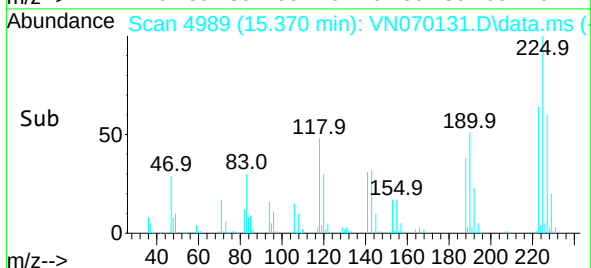
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

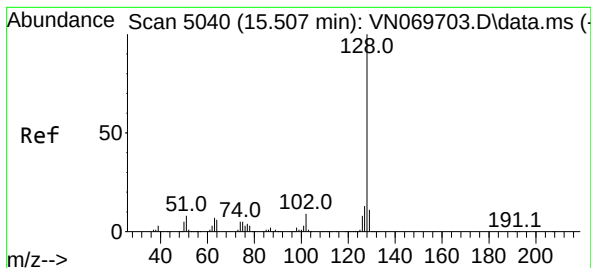


#94
Hexachlorobutadiene
Concen: 20.975 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23



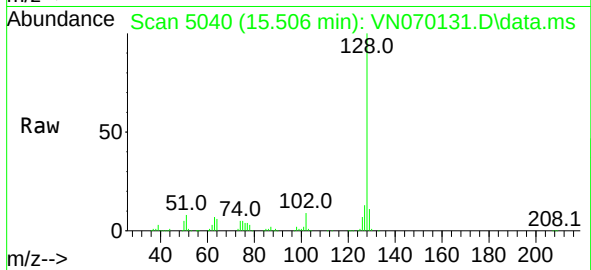
Tgt Ion:225 Resp: 117537
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.7
227 62.2 32.1 96.3





#95
Naphthalene
Concen: 19.467 ug/l
RT: 15.506 min Scan# 5040
Delta R.T. -0.001 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

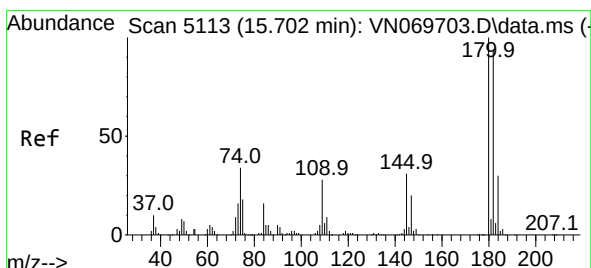
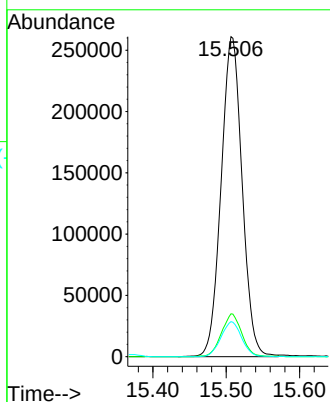
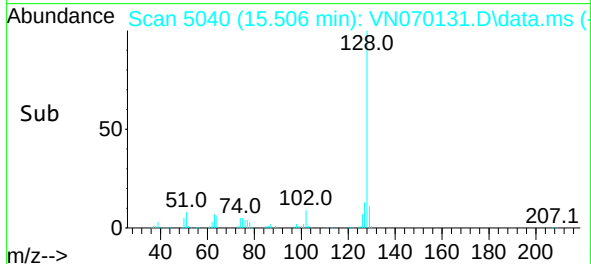
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBSD01



Tgt Ion:128 Resp: 51962
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 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#96
1,2,3-Trichlorobenzene
Concen: 20.455 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070131.D
Acq: 16 Dec 2021 12:23

Tgt Ion:180 Resp: 191445
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 31.9 15.0 45.1

