

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070092.D
 Acq On : 15 Dec 2021 00:46
 Operator : JC/MD
 Sample : VN1214MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 15 05:27:19 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	8.086	168	971142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1629123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1479848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	603961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	800701	53.400	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.800%			
35) Dibromofluoromethane	8.021	113	538058	52.728	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.460%			
50) Toluene-d8	10.440	98	2094003	51.105	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.220%			
62) 4-Bromofluorobenzene	12.731	95	734882	49.507	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	206640	18.243	ug/l	99
3) Chloromethane	2.303	50	265474	18.708	ug/l	99
4) Vinyl Chloride	2.448	62	242896	18.615	ug/l	100
5) Bromomethane	2.856	94	141700	19.989	ug/l	100
6) Chloroethane	3.019	64	154985	19.383	ug/l	95
7) Trichlorofluoromethane	3.376	101	310315	18.120	ug/l	97
8) Diethyl Ether	3.824	74	135814	20.591	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.205	101	190347	19.829	ug/l	95
10) Methyl Iodide	4.422	142	254029	19.371	ug/l	99
11) Tert butyl alcohol	5.374	59	248789	87.777	ug/l	98
12) 1,1-Dichloroethene	4.181	96	179128	19.364	ug/l	89
13) Acrolein	4.038	56	181737	75.295	ug/l	98
14) Allyl chloride	4.840	41	404662	19.413	ug/l #	91
15) Acrylonitrile	5.556	53	755631	98.938	ug/l	99
16) Acetone	4.288	43	709967	78.712	ug/l	98
17) Carbon Disulfide	4.529	76	391739	16.392	ug/l	100
18) Methyl Acetate	4.856	43	531850	19.535	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	735149	20.439	ug/l	93
20) Methylene Chloride	5.092	84	236292	19.706	ug/l #	86
21) trans-1,2-Dichloroethene	5.599	96	192975	19.206	ug/l	84
22) Diisopropyl ether	6.498	45	889989	21.844	ug/l	94
23) Vinyl Acetate	6.433	43	3452788	104.168	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	444247	21.049	ug/l	99
25) 2-Butanone	7.337	43	1110142	90.584	ug/l	91
26) 2,2-Dichloropropane	7.327	77	276513	16.851	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	239547	19.733	ug/l	87
28) Bromochloromethane	7.656	49	243425	22.180	ug/l #	78
29) Tetrahydrofuran	7.686	42	737478	99.100	ug/l	87
30) Chloroform	7.817	83	441704	20.723	ug/l	98
31) Cyclohexane	8.094	56	416435	19.957	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	357533	19.692	ug/l	95
36) 1,1-Dichloropropene	8.220	75	300299	19.363	ug/l	96
37) Ethyl Acetate	7.412	43	435249	18.856	ug/l	95
38) Carbon Tetrachloride	8.206	117	278170	18.291	ug/l	99
39) Methylcyclohexane	9.459	83	341399	18.507	ug/l	88
40) Benzene	8.458	78	960146	20.254	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	229655	21.194	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	386485	20.197	ug/l	96
43) Isopropyl Acetate	8.560	43	678496	19.863	ug/l #	94
44) Trichloroethene	9.215	130	218131	19.279	ug/l	90
45) 1,2-Dichloropropane	9.491	63	268967	21.129	ug/l	97
46) Dibromomethane	9.577	93	163122	19.539	ug/l	93
47) Bromodichloromethane	9.762	83	316648	20.032	ug/l	99
48) Methyl methacrylate	9.558	41	310691	19.490	ug/l	88
49) 1,4-Dioxane	9.569	88	101573	355.111	ug/l #	81
51) 4-Methyl-2-Pentanone	10.330	43	2236560	100.929	ug/l	95
52) Toluene	10.505	92	579396	20.020	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	315780	18.473	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	348764	18.777	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	235745	20.189	ug/l	96
56) Ethyl methacrylate	10.759	69	384899	18.952	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	419610	20.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	401378	80.886	ug/l	89
59) 2-Hexanone	11.084	43	1571757	93.763	ug/l	93
60) Dibromochloromethane	11.237	129	209114	18.296	ug/l	99
61) 1,2-Dibromoethane	11.344	107	229954	19.013	ug/l	100
64) Tetrachloroethene	10.977	164	196972	19.630	ug/l	95
65) Chlorobenzene	11.771	112	603722	20.110	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	207506	19.638	ug/l	100
67) Ethyl Benzene	11.843	91	1113234	20.414	ug/l	96
68) m/p-Xylenes	11.953	106	801020	40.341	ug/l	92
69) o-Xylene	12.280	106	403631	20.181	ug/l	92
70) Styrene	12.294	104	637860	20.112	ug/l	95
71) Bromoform	12.457	173	144783	17.876	ug/l #	99
73) Isopropylbenzene	12.578	105	1043932	19.427	ug/l	97
74) N-amyl acetate	12.387	43	443964	18.682	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	376933	20.285	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	339934m	19.626	ug/l	
77) Bromobenzene	12.859	156	244102	19.340	ug/l	77
78) n-propylbenzene	12.918	91	1165142	19.485	ug/l	96
79) 2-Chlorotoluene	13.007	91	749325	19.832	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	851135	19.679	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	76958	17.422	ug/l #	84
82) 4-Chlorotoluene	13.104	91	699984	19.700	ug/l	92
83) tert-Butylbenzene	13.323	119	751792	19.630	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	821656	19.948	ug/l	97
85) sec-Butylbenzene	13.500	105	1013396	19.508	ug/l	97
86) p-Isopropyltoluene	13.616	119	790640	19.472	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	403265	19.448	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	392273	19.250	ug/l	96
89) n-Butylbenzene	13.943	91	609738	18.512	ug/l	98
90) Hexachloroethane	14.208	117	121485	17.041	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	401713	19.883	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	58962	17.560	ug/l	78
93) 1,2,4-Trichlorobenzene	15.262	180	174450	19.470	ug/l	97
94) Hexachlorobutadiene	15.367	225	107889	20.150	ug/l	98
95) Naphthalene	15.504	128	479955	18.950	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	176313	19.803	ug/l	99

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VN1214MBSD02

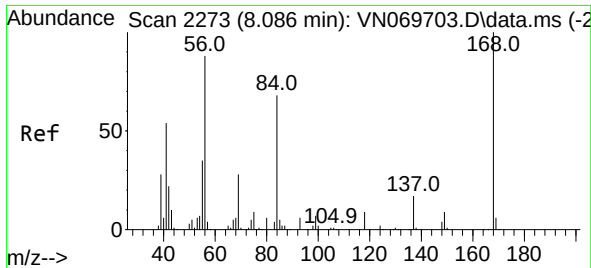
Manual Integrations
APPROVED

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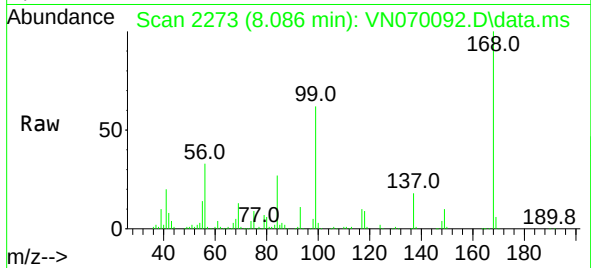
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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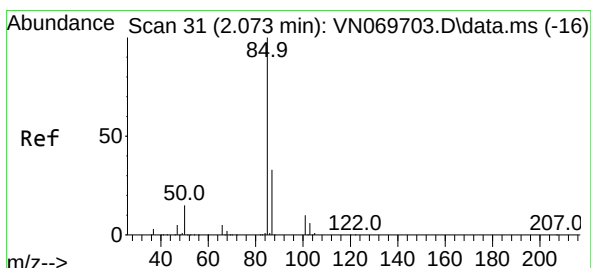
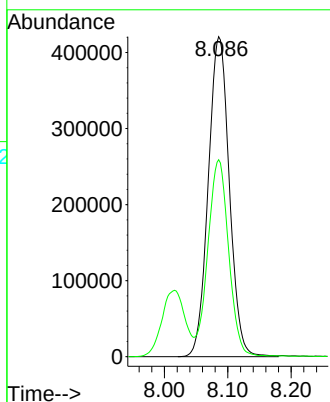
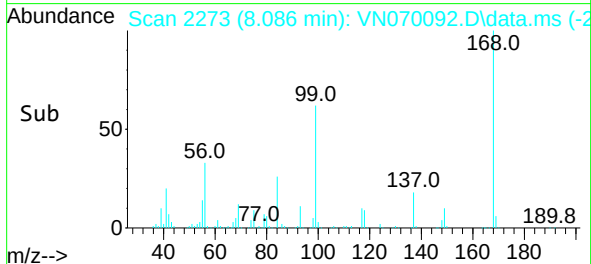
Instrument :
MSVOA_N
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VN1214MBS02



Tgt Ion:168 Resp: 97114
Ion Ratio Lower Upper
168 100
99 61.3 41.3 61.9

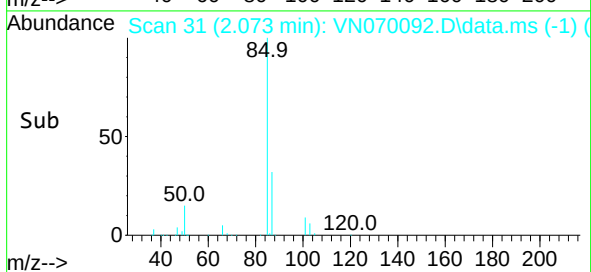
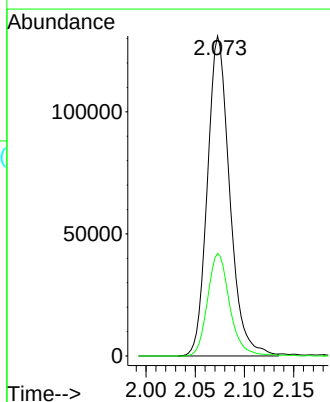
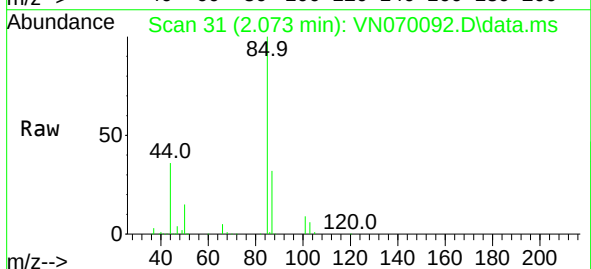
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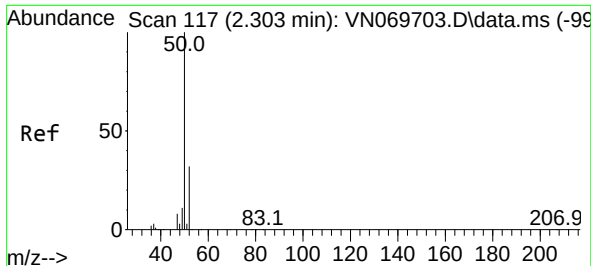
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#2
Dichlorodifluoromethane
Concen: 18.243 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

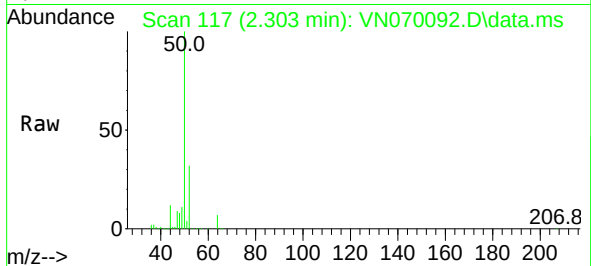
Tgt Ion: 85 Resp: 206640
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.9





#3
Chloromethane
Concen: 18.708 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

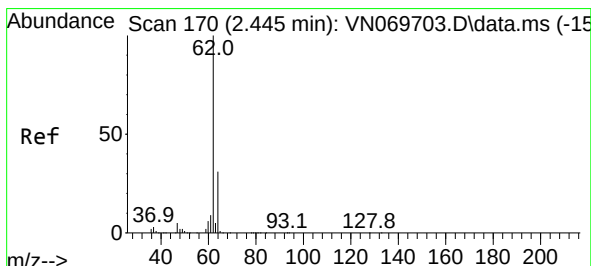
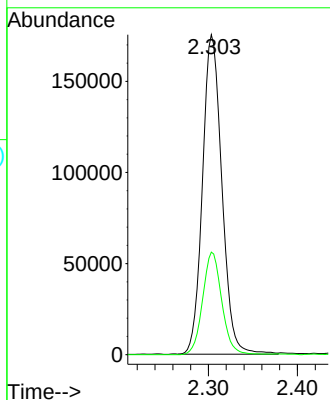
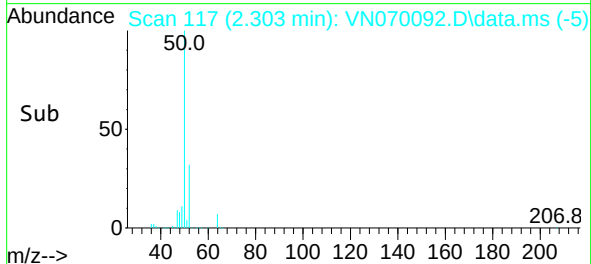
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VN1214MBSD02



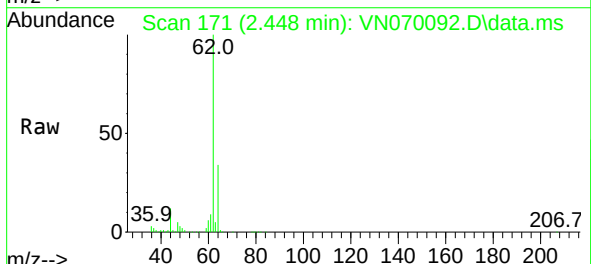
Tgt Ion: 50 Resp: 265474
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.0

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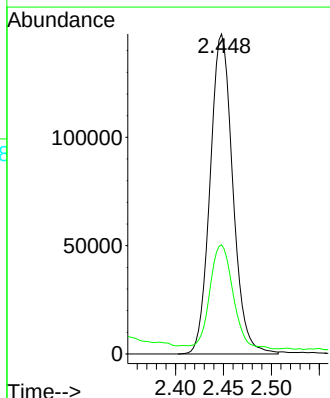
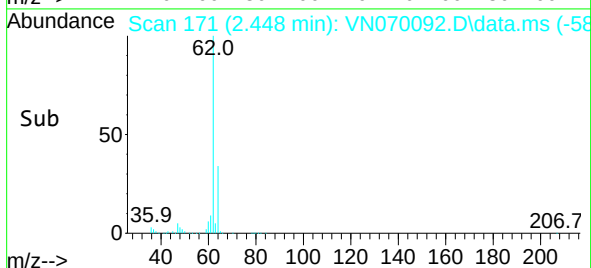
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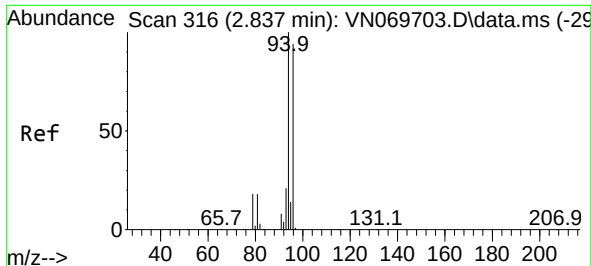


#4
Vinyl Chloride
Concen: 18.615 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46



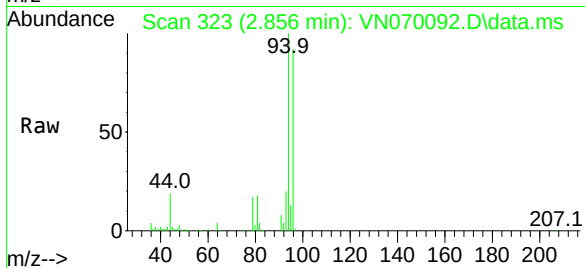
Tgt Ion: 62 Resp: 242896
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.6





#5
Bromomethane
Concen: 19.989 ug/l
RT: 2.856 min Scan# 316
Delta R.T. 0.019 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

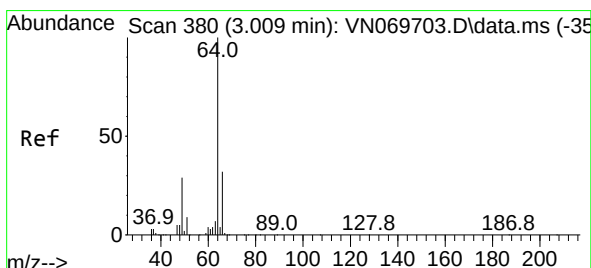
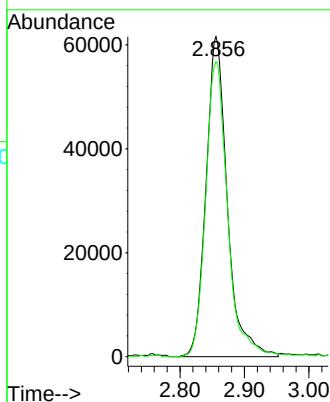
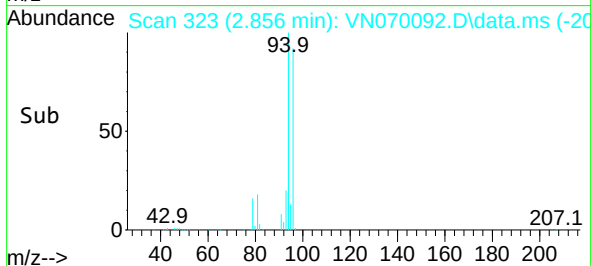
Instrument :
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Tgt Ion: 94 Resp: 141700
Ion Ratio Lower Upper
94 100
96 92.2 73.8 110.8

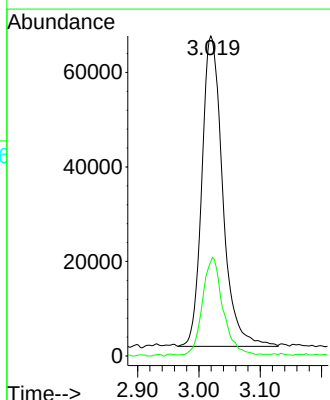
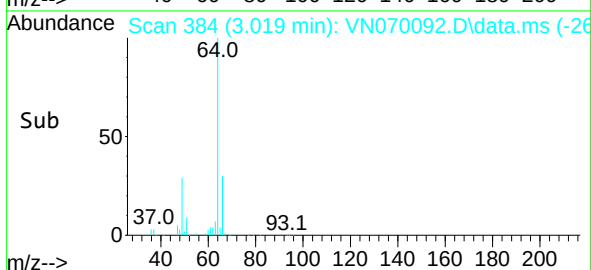
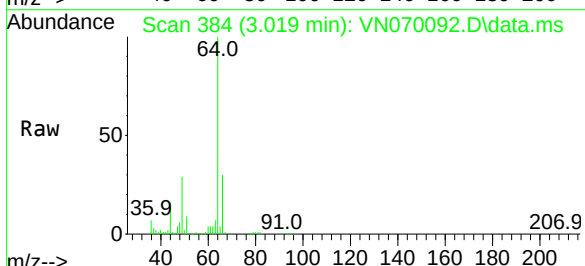
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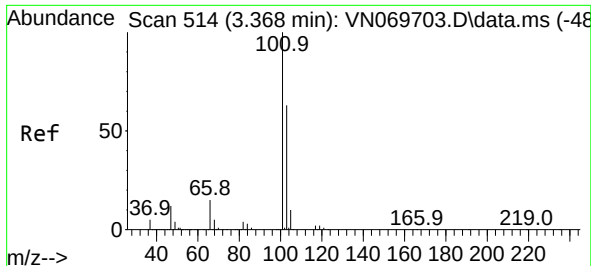
Reviewed By :John Carlone 12/15/2021
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#6
Chloroethane
Concen: 19.383 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

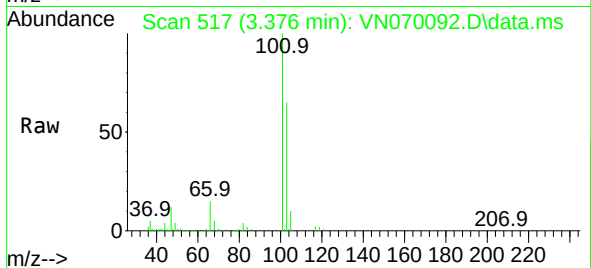
Tgt Ion: 64 Resp: 154985
Ion Ratio Lower Upper
64 100
66 30.2 26.3 39.5





#7
Trichlorofluoromethane
Concen: 18.120 ug/l
RT: 3.376 min Scan# 514
Delta R.T. 0.008 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

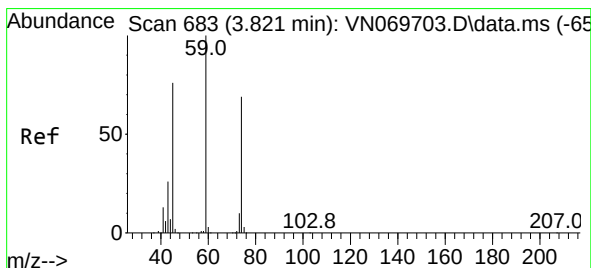
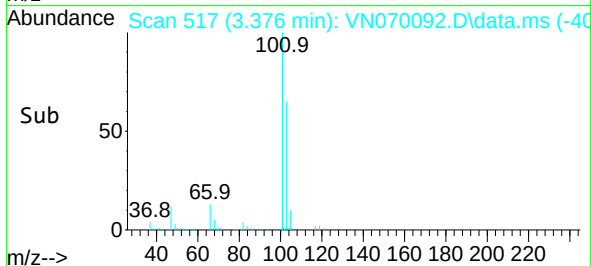
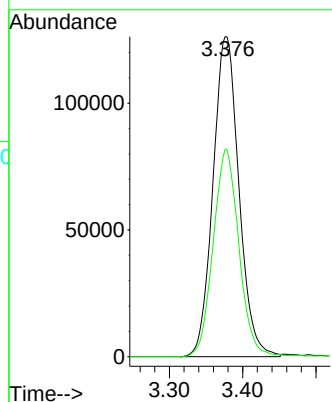
Instrument :
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ClientSampleId :
VN1214MBSD02



Tgt Ion:101 Resp: 31031
Ion Ratio Lower Upper
101 100
103 64.9 50.1 75.1

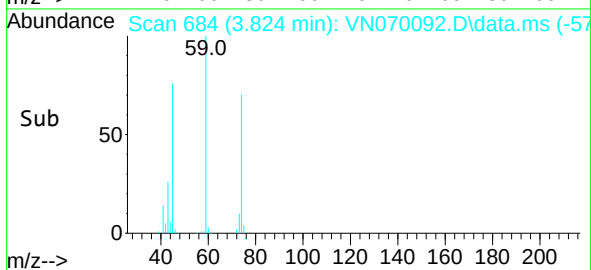
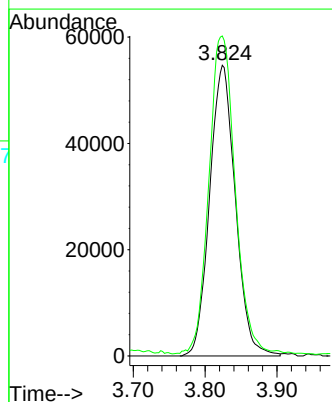
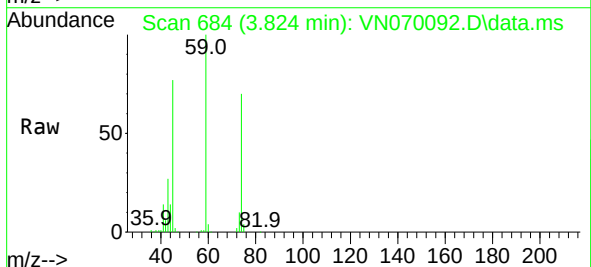
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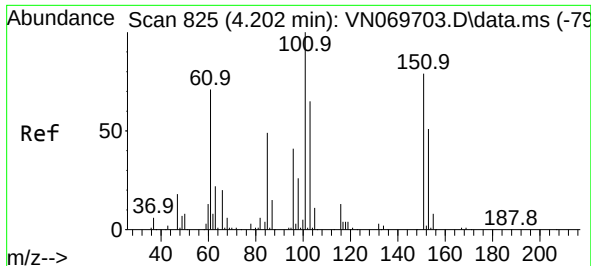
Reviewed By :John Carlone 12/15/2021
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#8
Diethyl Ether
Concen: 20.591 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN070092.D
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Tgt Ion: 74 Resp: 135814
Ion Ratio Lower Upper
74 100
45 111.5 47.0 141.2





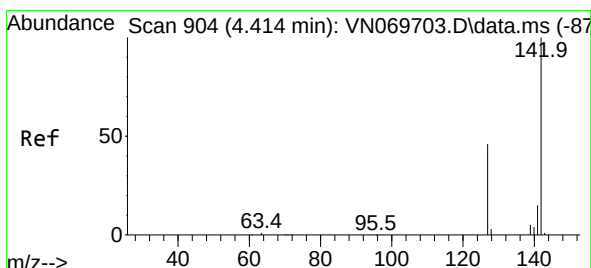
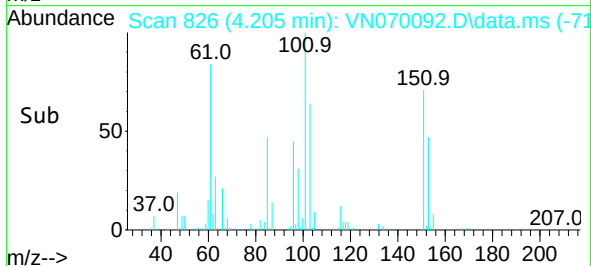
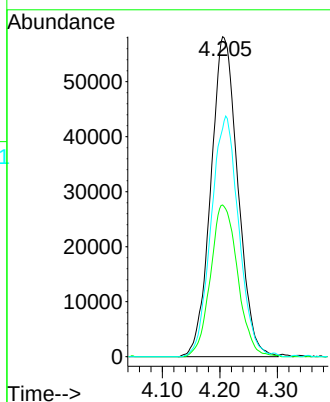
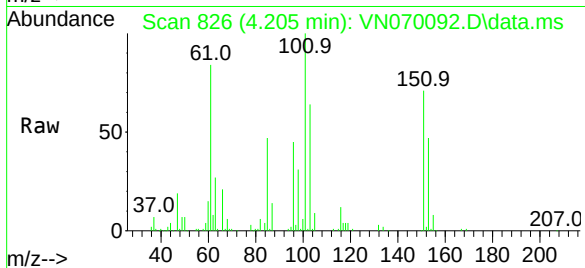
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.829 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02

Tgt Ion:101 Resp: 19034
Ion Ratio Lower Upper
101 100
85 47.6 37.2 55.8
151 76.5 65.9 98.9

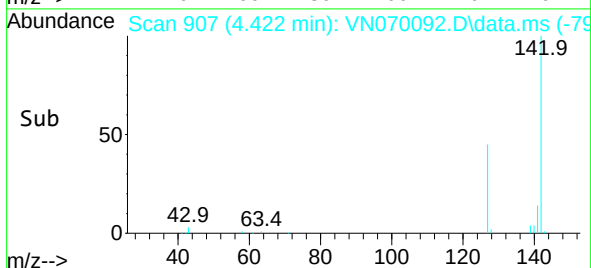
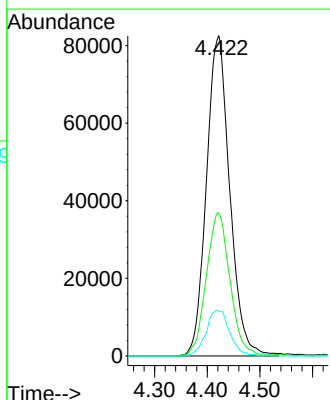
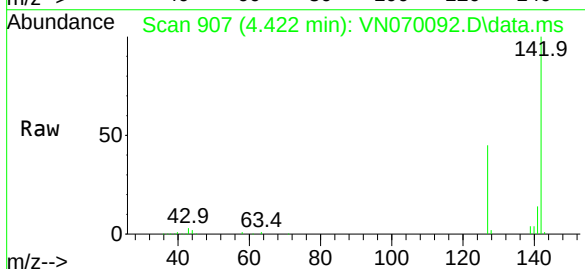
Manual Integrations
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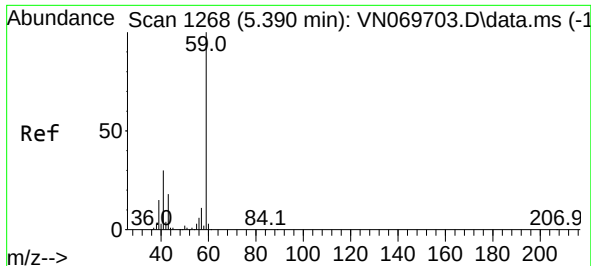
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#10
Methyl Iodide
Concen: 19.371 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

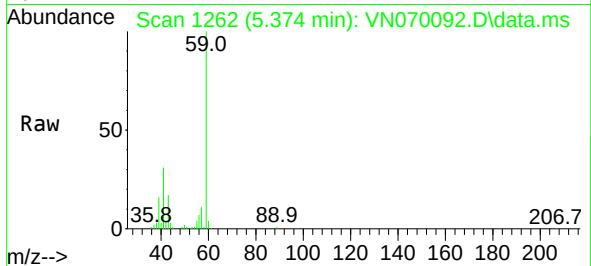
Tgt Ion:142 Resp: 254029
Ion Ratio Lower Upper
142 100
127 45.3 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 87.777 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

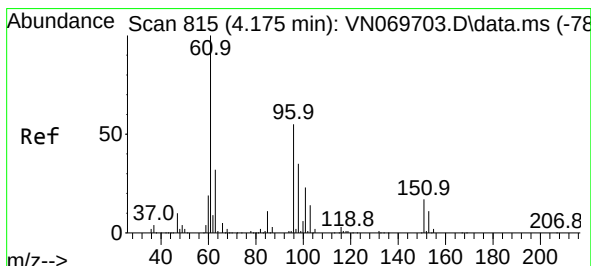
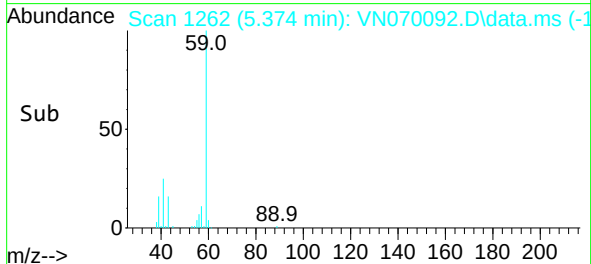
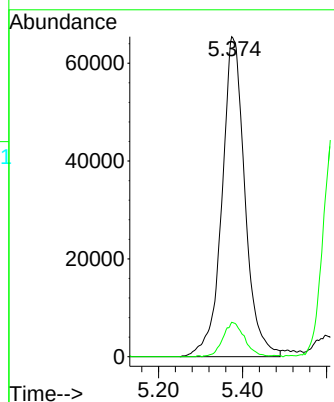
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



Tgt Ion: 59 Resp: 248789
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

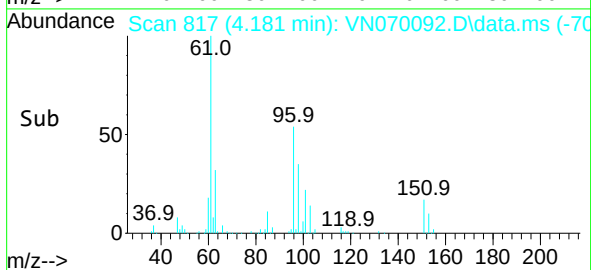
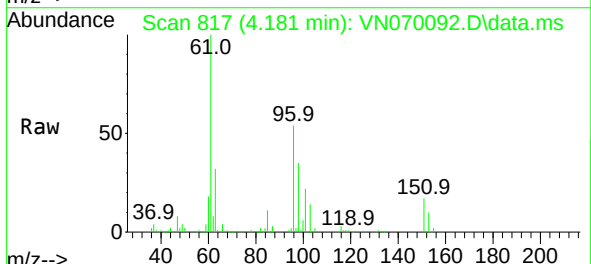
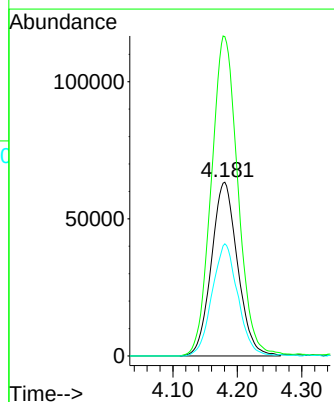
Manual Integrations
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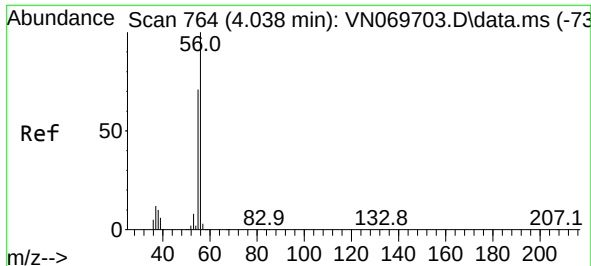
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#12
1,1-Dichloroethene
Concen: 19.364 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

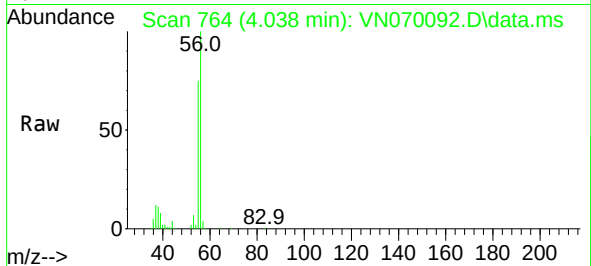
Tgt Ion: 96 Resp: 179128
Ion Ratio Lower Upper
96 100
61 183.9 131.0 196.6
98 64.6 52.4 78.6





#13
Acrolein
Concen: 75.295 ug/l
RT: 4.038 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

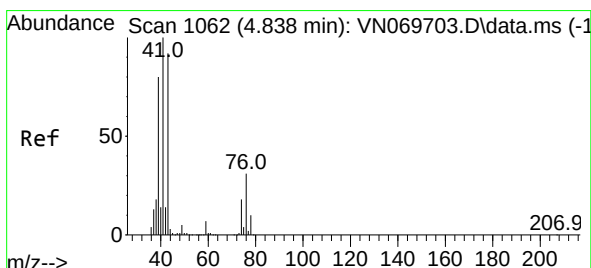
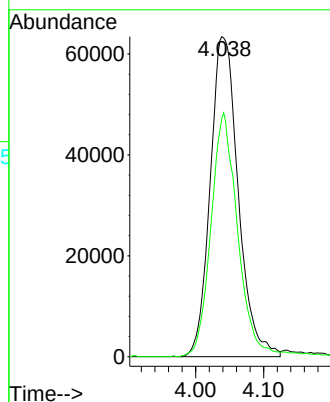
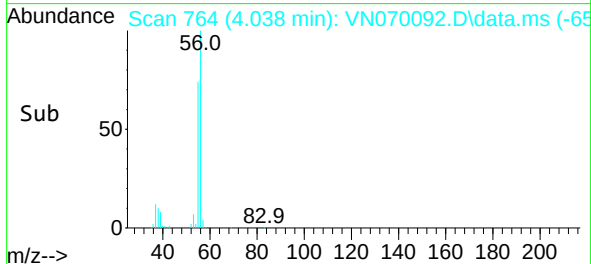
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



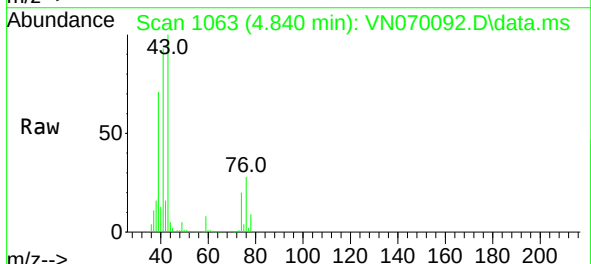
Tgt Ion: 56 Resp: 18173
Ion Ratio Lower Upper
56 100
55 72.1 56.6 85.0

Manual Integrations
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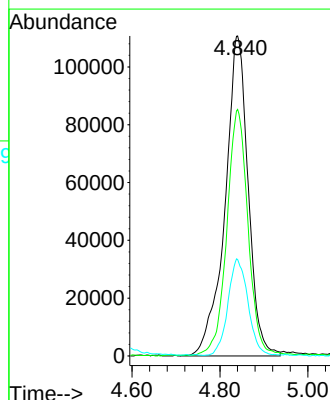
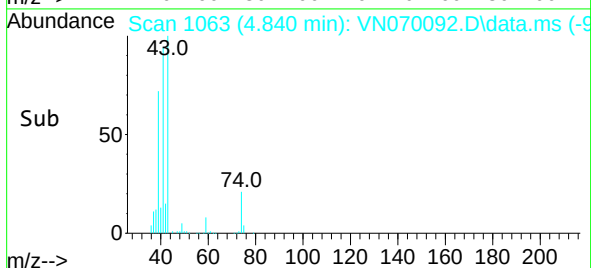
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

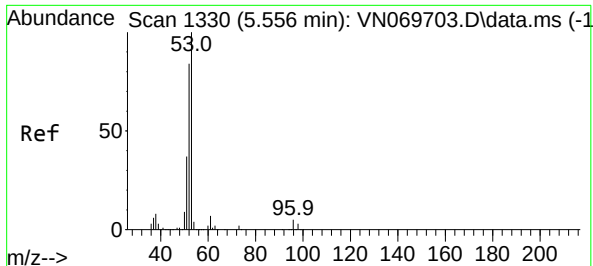


#14
Allyl chloride
Concen: 19.413 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46



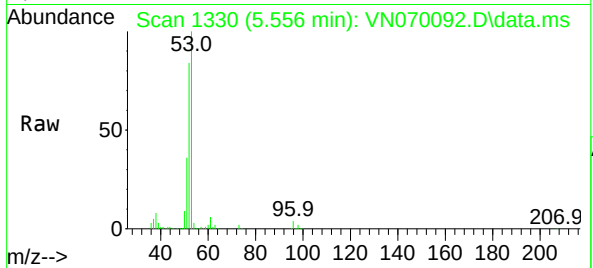
Tgt Ion: 41 Resp: 404662
Ion Ratio Lower Upper
41 100
39 70.0 61.2 91.8
76 26.0 26.0 39.0





#15
Acrylonitrile
Concen: 98.938 ug/l
RT: 5.556 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

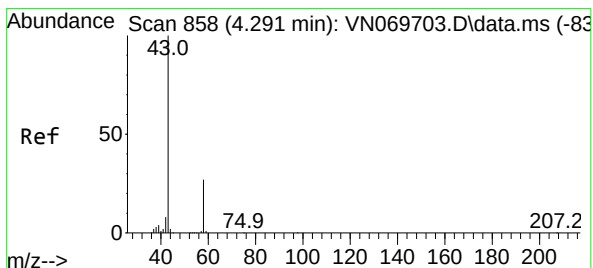
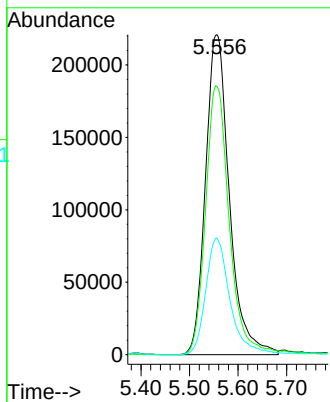
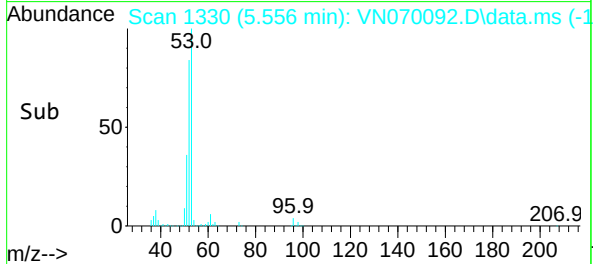
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



Tgt Ion: 53 Resp: 75563
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.2
51 37.2 29.6 44.4

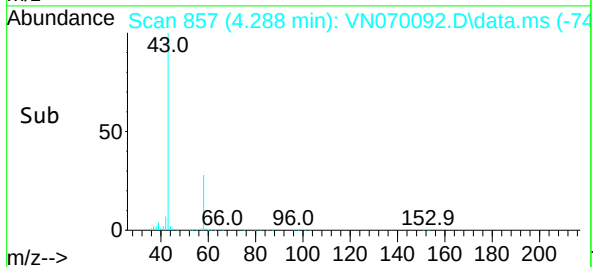
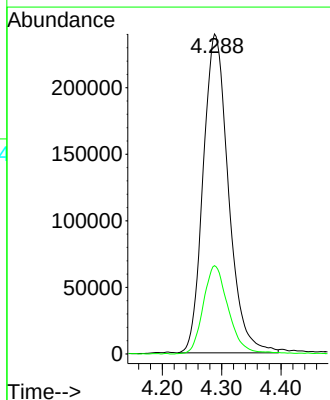
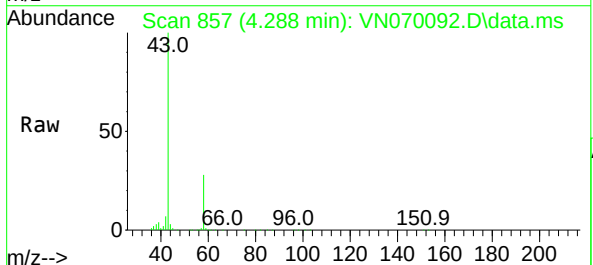
Manual Integrations
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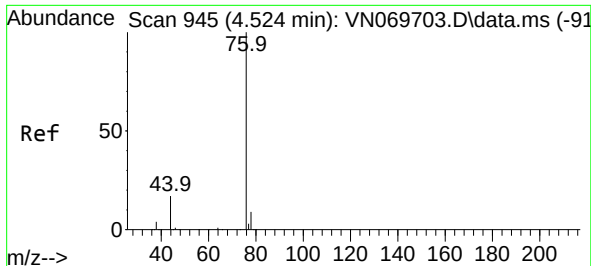
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#16
Acetone
Concen: 78.712 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

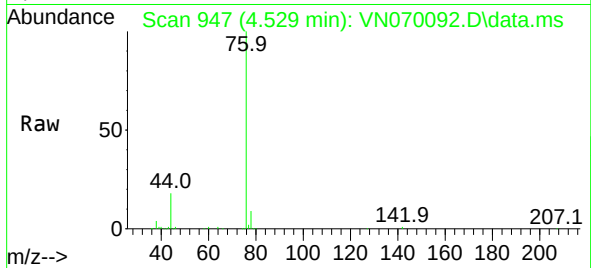
Tgt Ion: 43 Resp: 709967
Ion Ratio Lower Upper
43 100
58 27.6 23.1 34.7





#17
Carbon Disulfide
Concen: 16.392 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

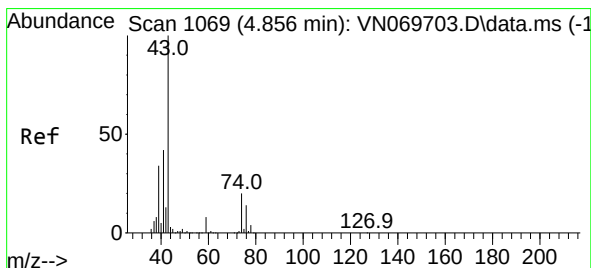
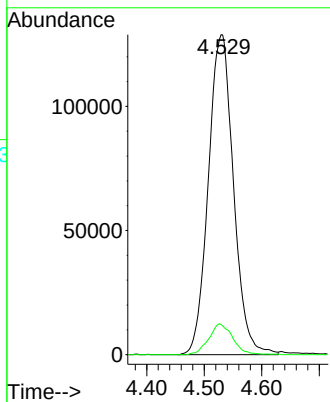
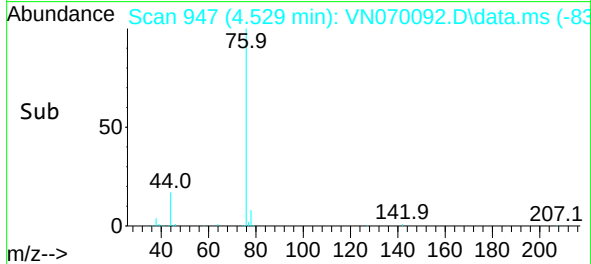
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



Tgt Ion: 76 Resp: 391739
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

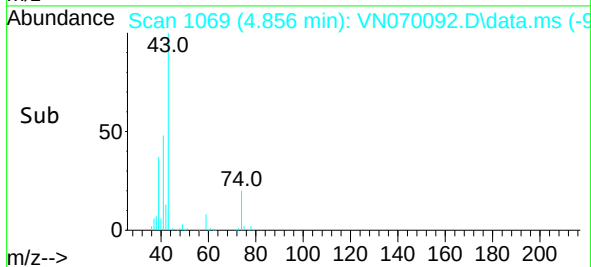
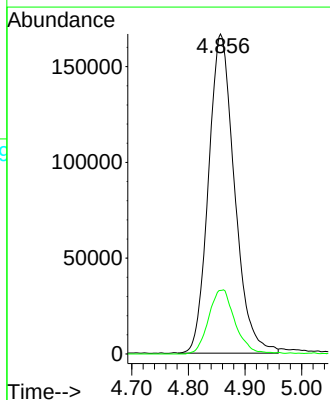
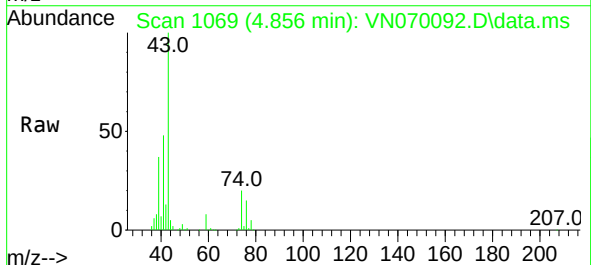
Manual Integrations
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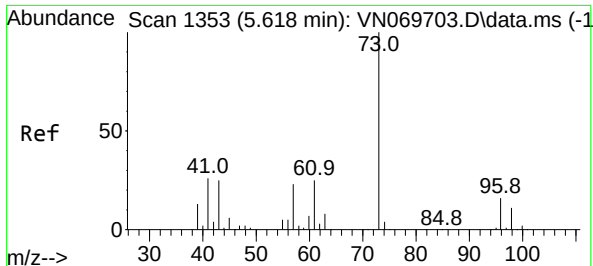
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#18
Methyl Acetate
Concen: 19.535 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

Tgt Ion: 43 Resp: 531850
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 20.439 ug/l

RT: 5.618 min Scan# 11353

Delta R.T. 0.000 min

Lab File: VN070092.D

Acq: 15 Dec 2021 00:46

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS02

Tgt Ion: 73 Resp: 735149

Ion Ratio Lower Upper

73 100

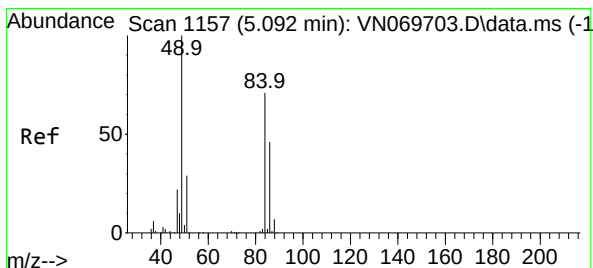
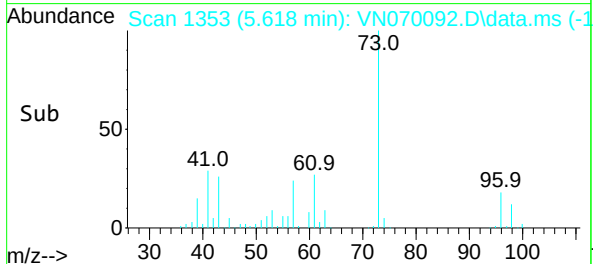
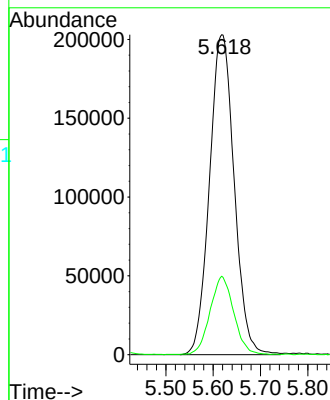
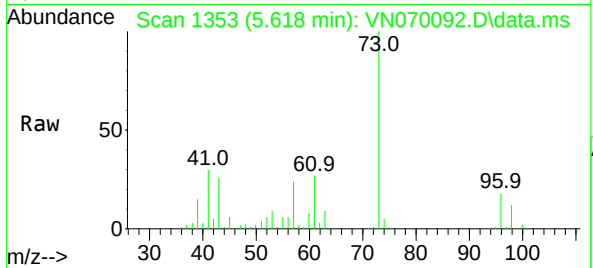
57 24.4 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#20

Methylene Chloride

Concen: 19.706 ug/l

RT: 5.092 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN070092.D

Acq: 15 Dec 2021 00:46

Tgt Ion: 84 Resp: 236292

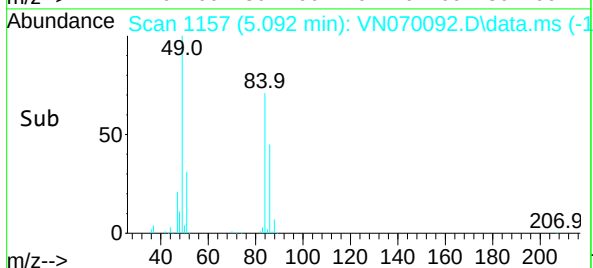
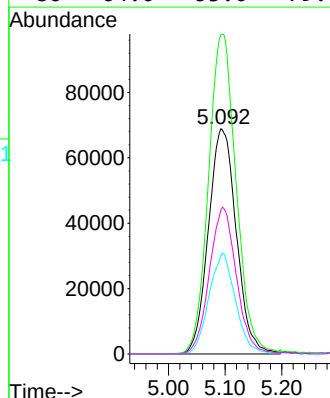
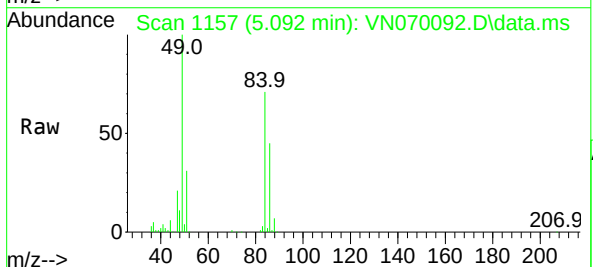
Ion Ratio Lower Upper

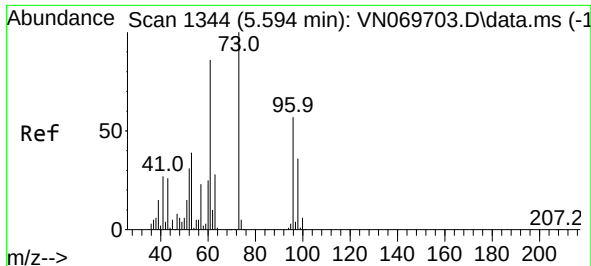
84 100

49 141.2 93.5 140.3#

51 43.4 29.4 44.2

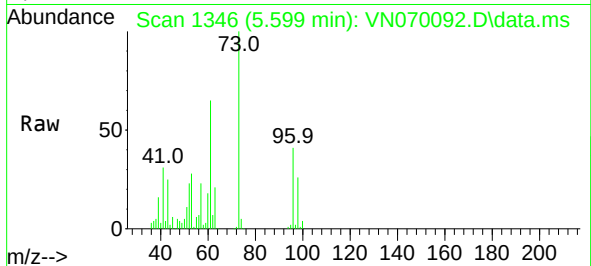
86 64.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.206 ug/l
RT: 5.599 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

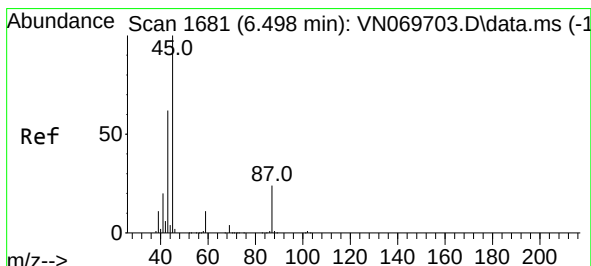
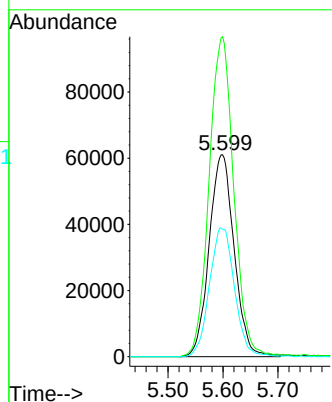
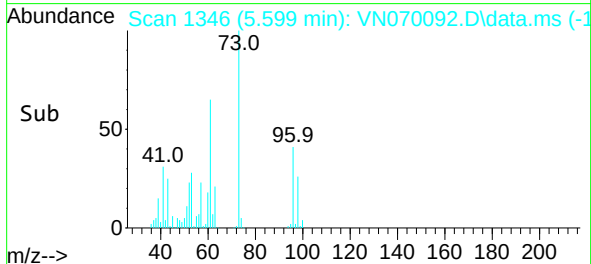
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



Tgt Ion: 96 Resp: 192975
Ion Ratio Lower Upper
96 100
61 158.4 105.8 158.6
98 63.1 52.0 78.0

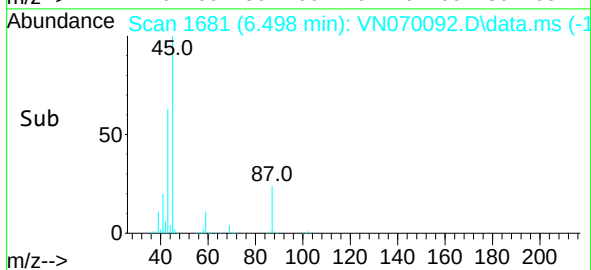
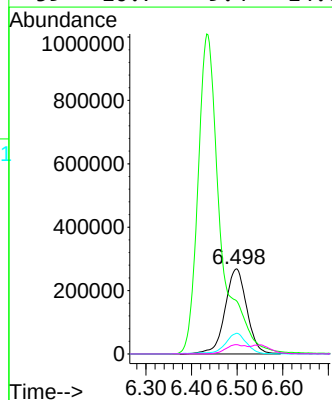
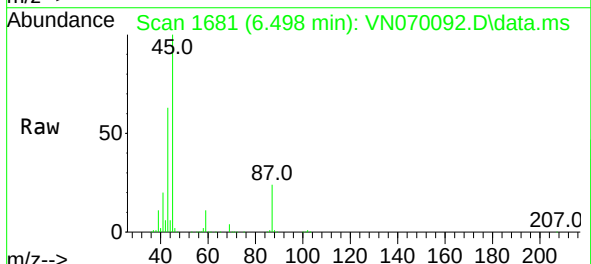
Manual Integrations
APPROVED

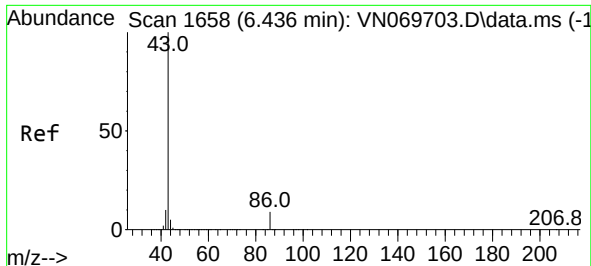
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#22
Diisopropyl ether
Concen: 21.844 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

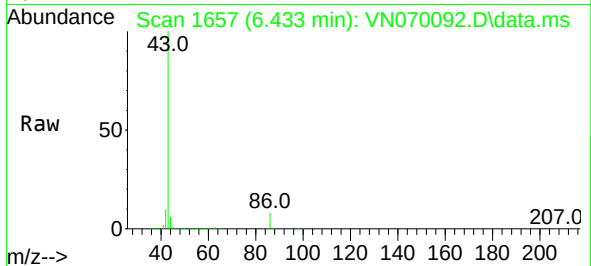
Tgt Ion: 45 Resp: 889989
Ion Ratio Lower Upper
45 100
43 61.0 51.7 77.5
87 24.0 23.2 34.8
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 104.168 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070092.D
 Acq: 15 Dec 2021 00:46

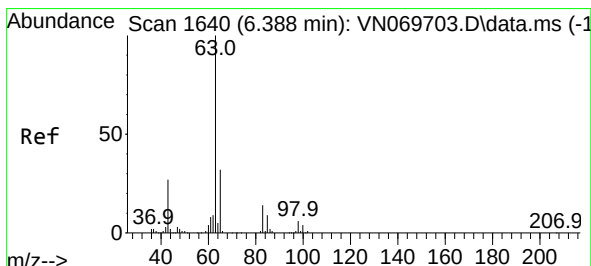
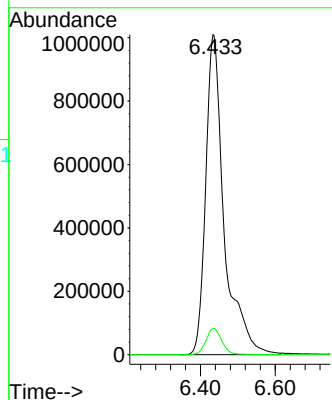
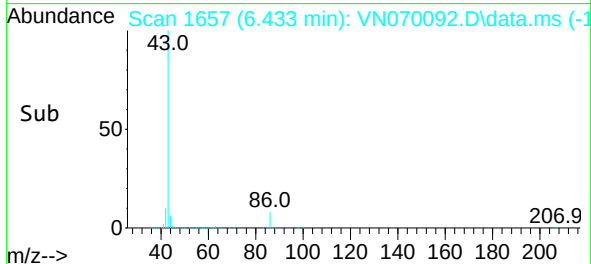
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBSD02



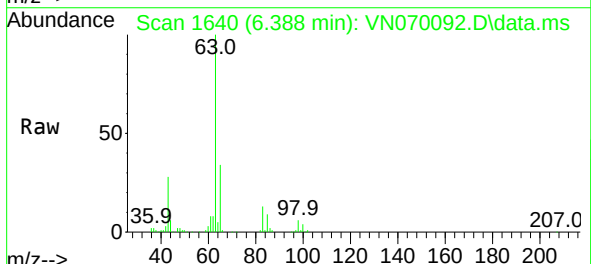
Tgt Ion: 43 Resp: 345278
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

Manual Integrations
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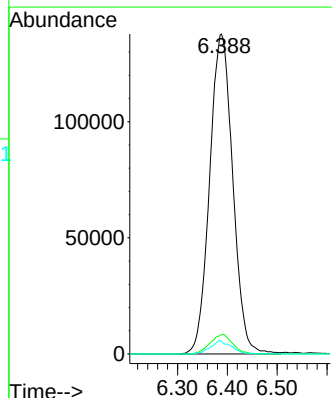
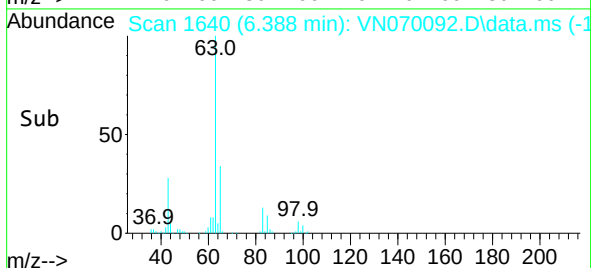
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021

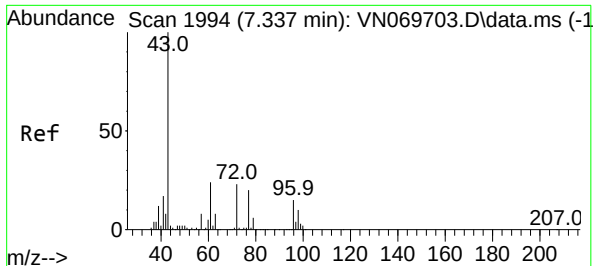


#24
 1,1-Dichloroethane
 Concen: 21.049 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070092.D
 Acq: 15 Dec 2021 00:46



Tgt Ion: 63 Resp: 444247
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 90.584 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN070092.D

Acq: 15 Dec 2021 00:46

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS02

Tgt Ion: 43 Resp: 111014

Ion Ratio Lower Upper

43 100

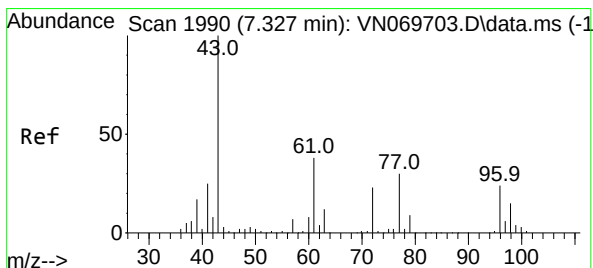
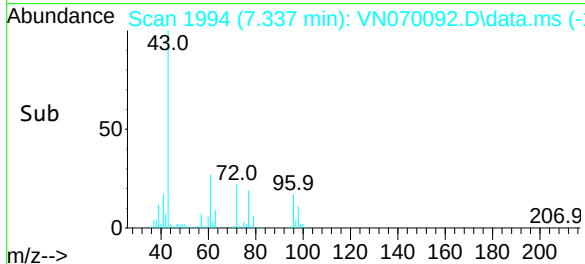
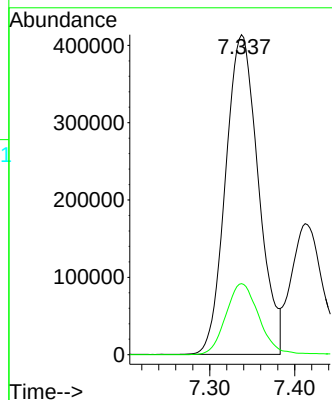
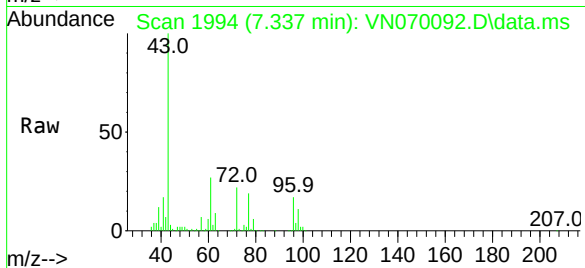
72 22.2 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#26

2,2-Dichloropropane

Concen: 16.851 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN070092.D

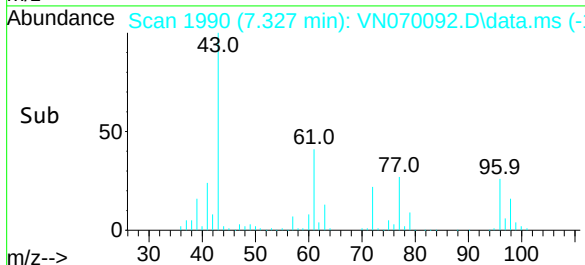
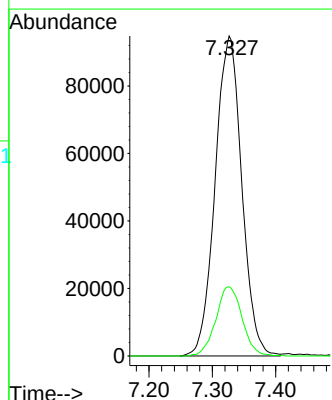
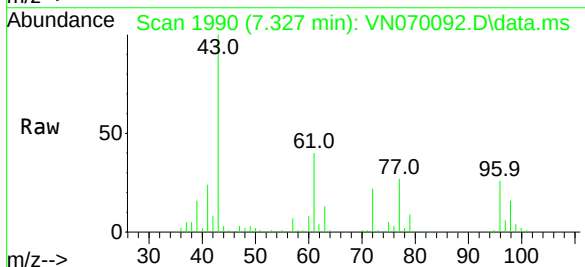
Acq: 15 Dec 2021 00:46

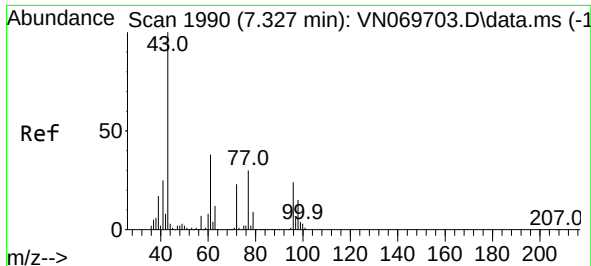
Tgt Ion: 77 Resp: 276513

Ion Ratio Lower Upper

77 100

97 21.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 19.733 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN070092.D

Acq: 15 Dec 2021 00:46

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS02

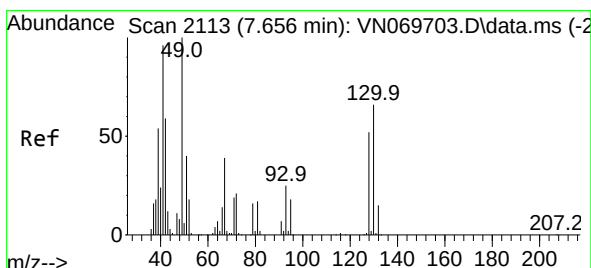
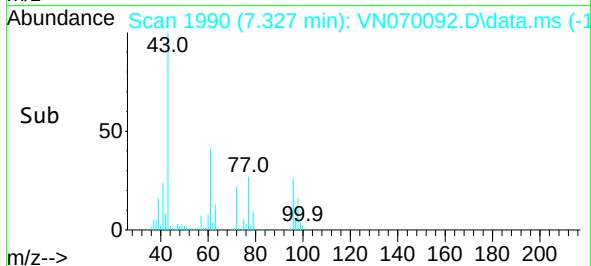
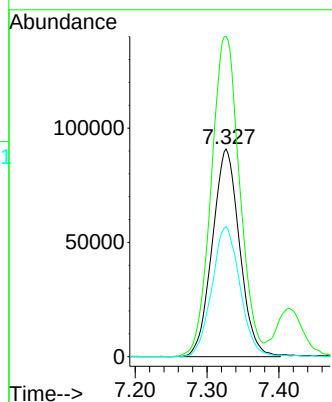
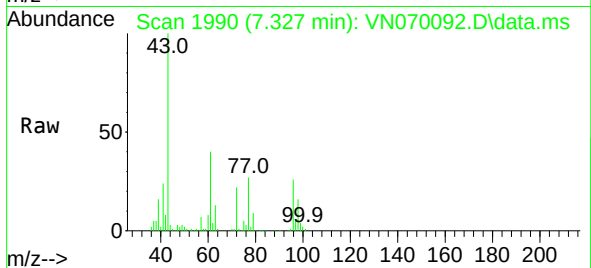
Tgt Ion:	96	Resp:	23954
Ion Ratio	Lower	Upper	
96	100		
61	160.7	0.0	275.0
98	64.2	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#28

Bromochloromethane

Concen: 22.180 ug/l

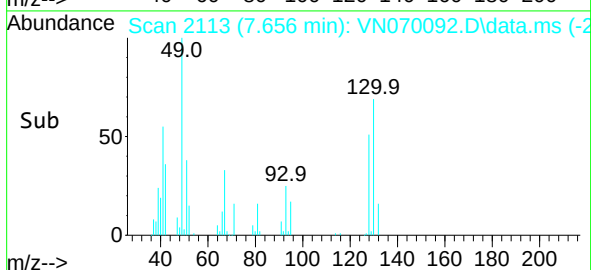
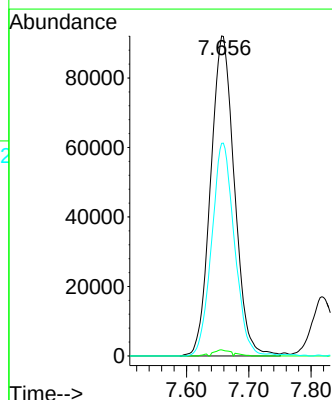
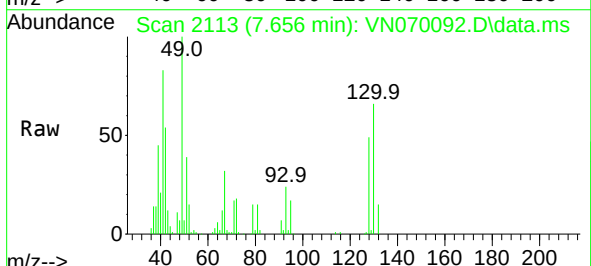
RT: 7.656 min Scan# 2113

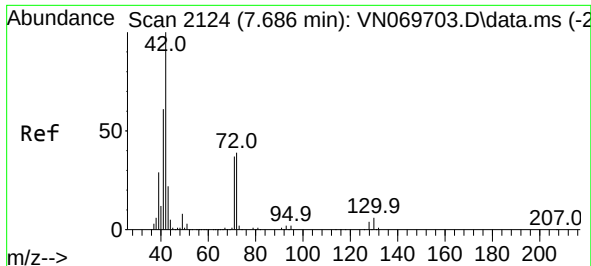
Delta R.T. 0.000 min

Lab File: VN070092.D

Acq: 15 Dec 2021 00:46

Tgt Ion:	49	Resp:	243425
Ion Ratio	Lower	Upper	
49	100		
129	1.2	0.0	4.0
130	63.9	67.8	101.8





#29

Tetrahydrofuran

Concen: 99.100 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN070092.D

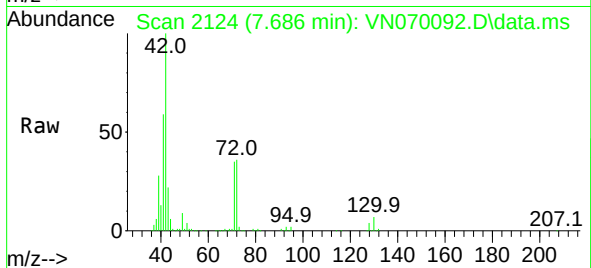
Acq: 15 Dec 2021 00:46

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS02



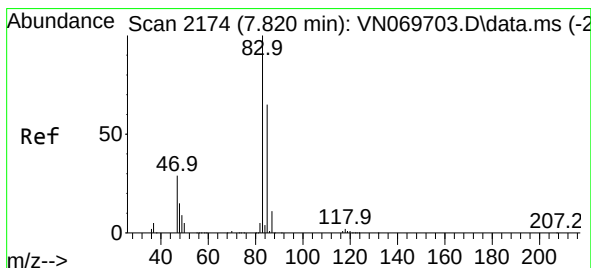
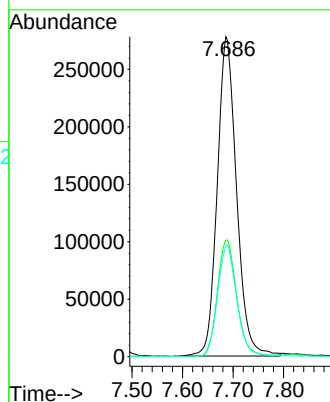
Tgt Ion:	42	Resp:	737478
Ion Ratio	Lower	Upper	
42	100		
72	36.7	36.3	54.5
71	34.8	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#30

Chloroform

Concen: 20.723 ug/l

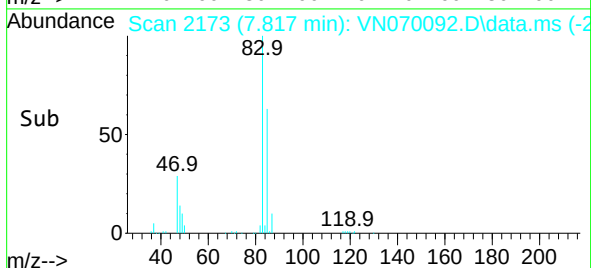
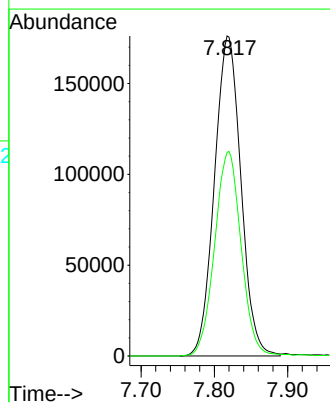
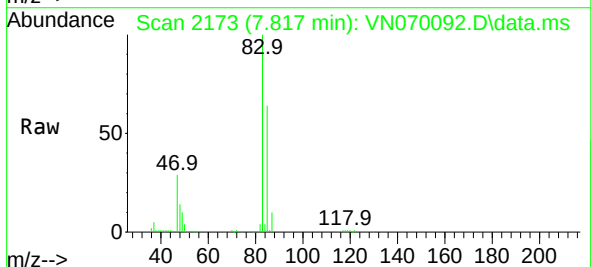
RT: 7.817 min Scan# 2173

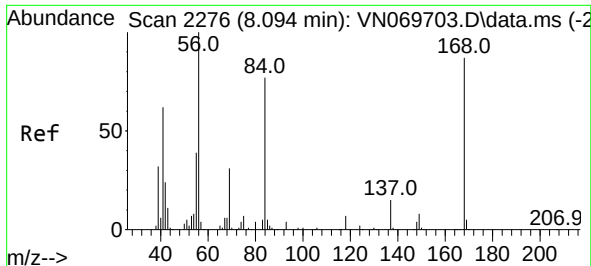
Delta R.T. -0.003 min

Lab File: VN070092.D

Acq: 15 Dec 2021 00:46

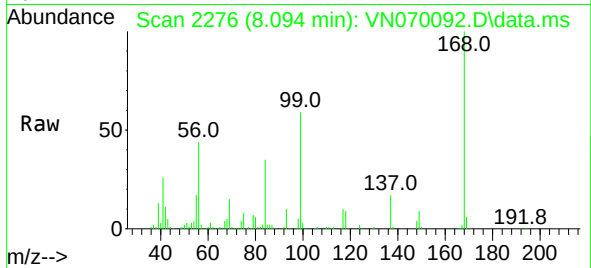
Tgt Ion:	83	Resp:	441704
Ion Ratio	Lower	Upper	
83	100		
85	63.6	51.9	77.9





#31
Cyclohexane
Concen: 19.957 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

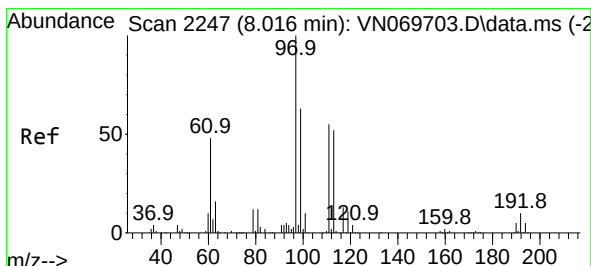
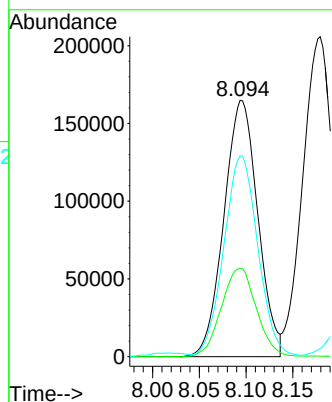
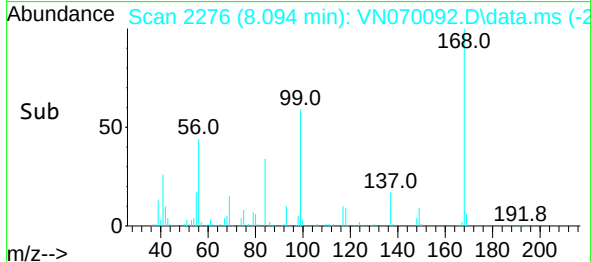
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



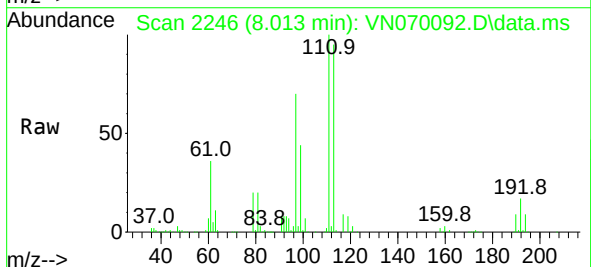
Tgt Ion: 56 Resp: 41643
Ion Ratio Lower Upper
56 100
69 34.5 27.1 40.7
84 77.0 73.4 110.0

Manual Integrations
APPROVED

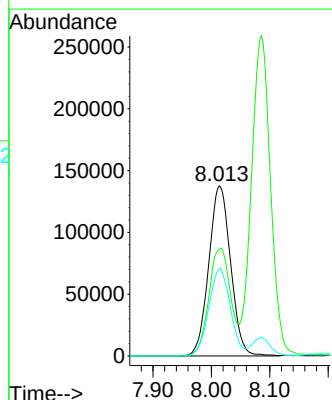
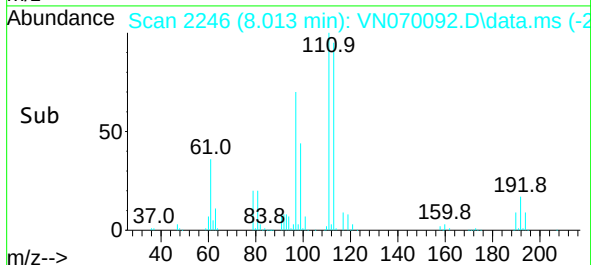
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

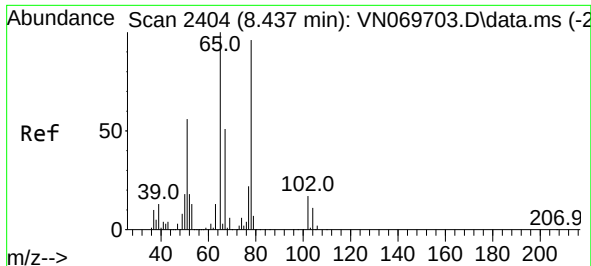


#32
1,1,1-Trichloroethane
Concen: 19.692 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46



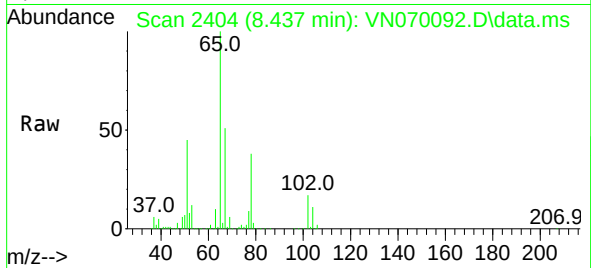
Tgt Ion: 97 Resp: 357533
Ion Ratio Lower Upper
97 100
99 62.2 50.1 75.1
61 51.0 35.2 52.8





#33
 1,2-Dichloroethane-d4
 Concen: 53.400 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. 0.000 min
 Lab File: VN070092.D
 Acq: 15 Dec 2021 00:46

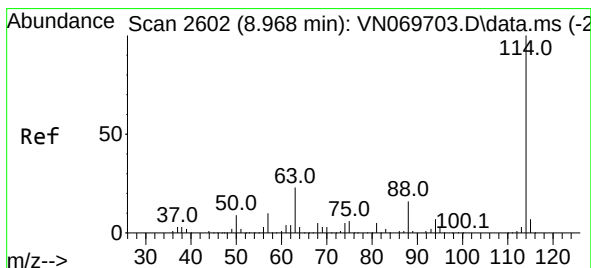
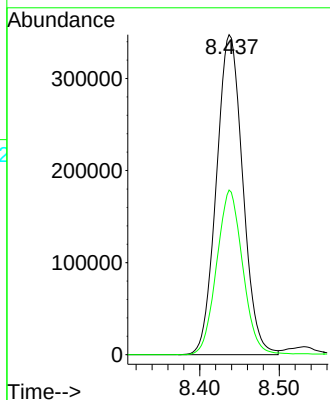
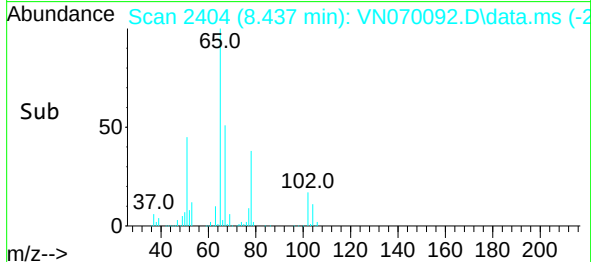
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBSD02



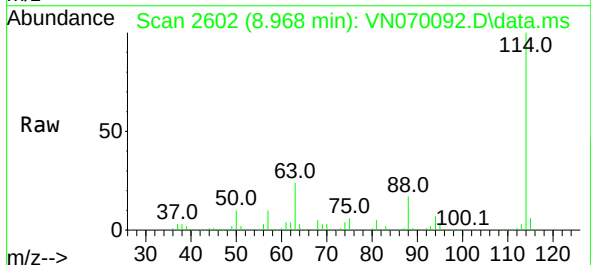
Tgt Ion: 65 Resp: 80070
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.0

Manual Integrations
 APPROVED

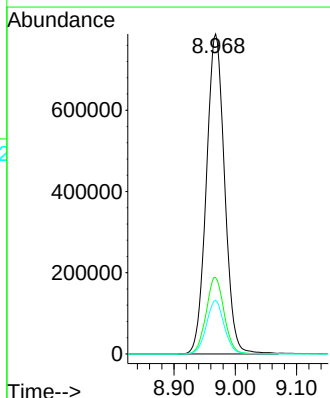
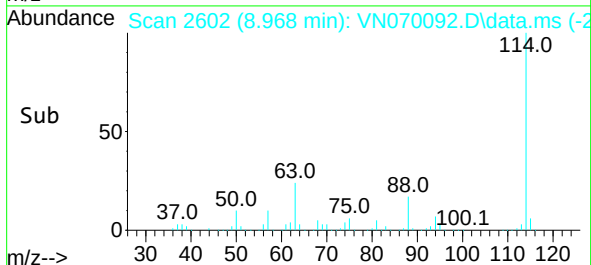
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021

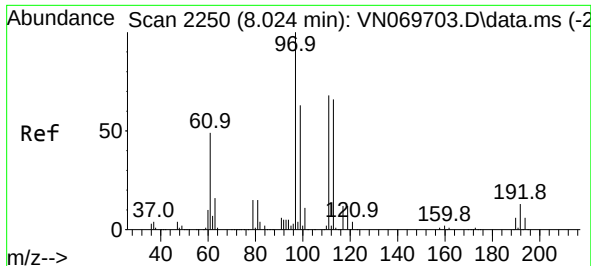


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN070092.D
 Acq: 15 Dec 2021 00:46



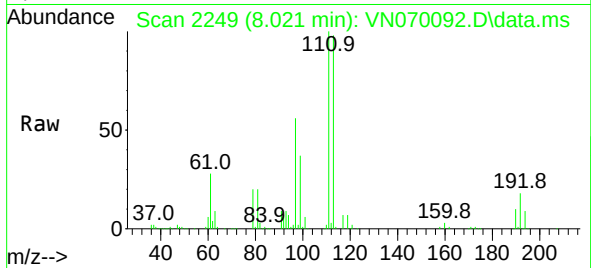
Tgt Ion:114 Resp: 1629123
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 37.8
 88 16.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.728 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

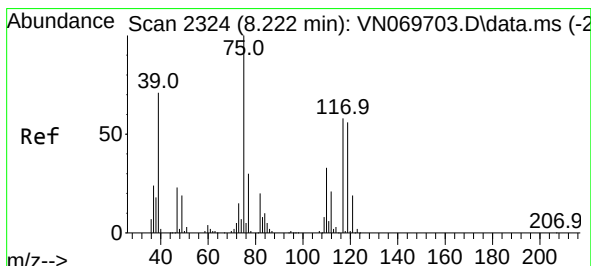
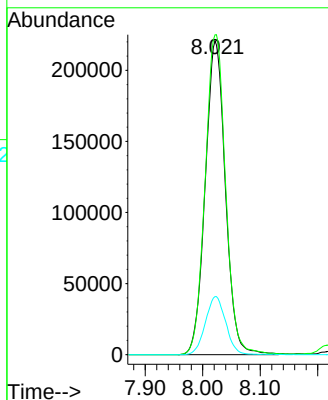
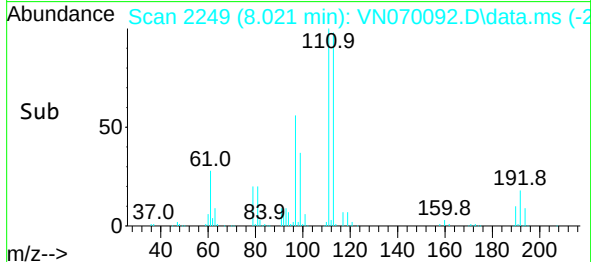
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion: 113 Resp: 538058
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 18.7 16.9 25.3

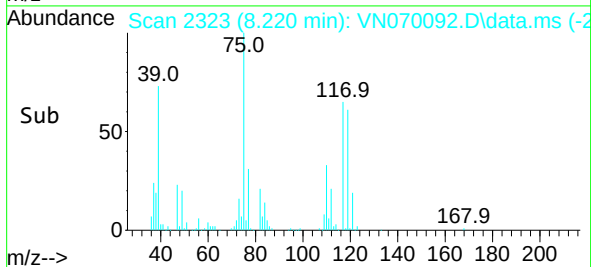
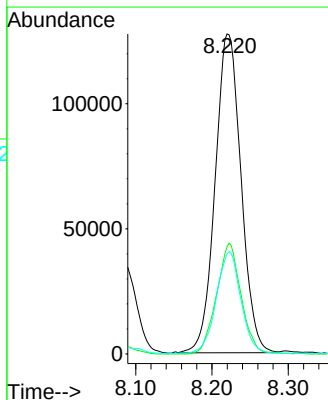
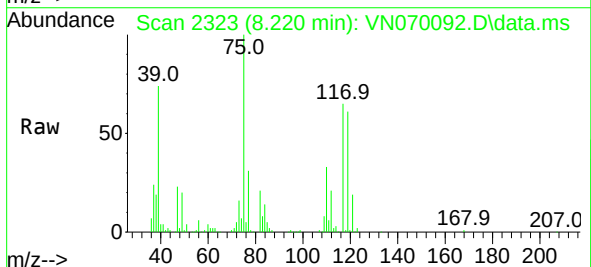
Manual Integrations
APPROVED

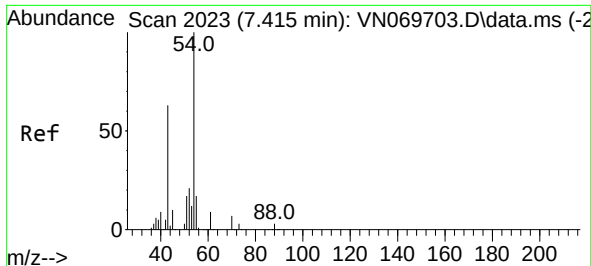
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#36
1,1-Dichloropropene
Concen: 19.363 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

Tgt Ion: 75 Resp: 300299
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 18.856 ug/l

RT: 7.412 min Scan# 20

Delta R.T. -0.003 min

Lab File: VN070092.D

Acq: 15 Dec 2021 00:46

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS02

Tgt Ion: 43 Resp: 435249

Ion Ratio Lower Upper

43 100

61 12.0 11.5 17.3

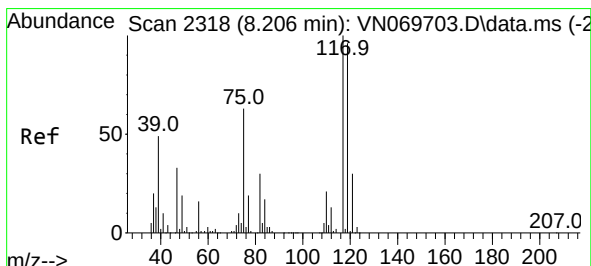
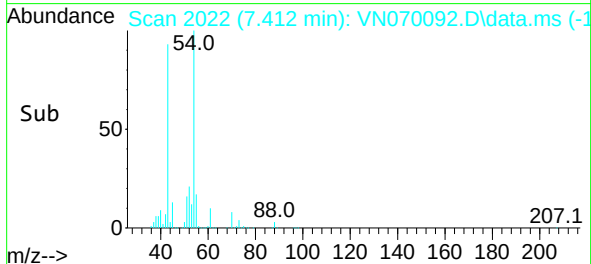
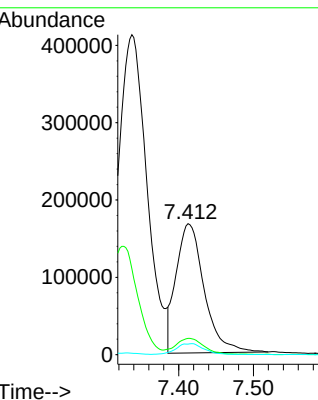
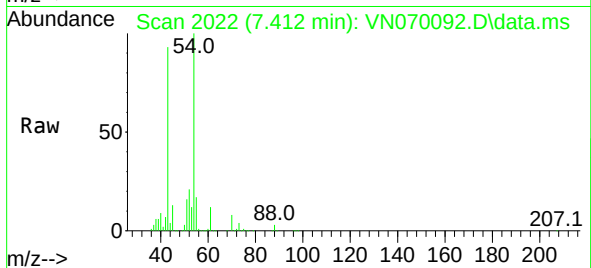
70 8.1 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#38

Carbon Tetrachloride

Concen: 18.291 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN070092.D

Acq: 15 Dec 2021 00:46

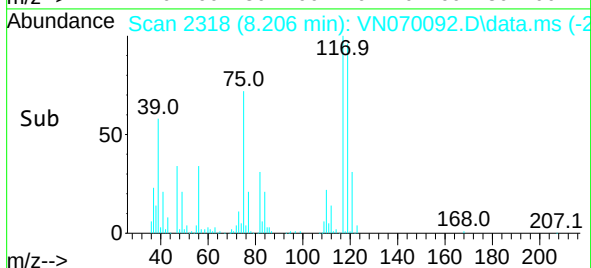
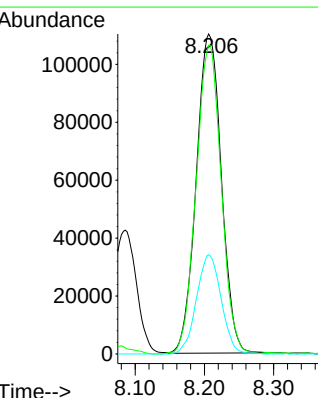
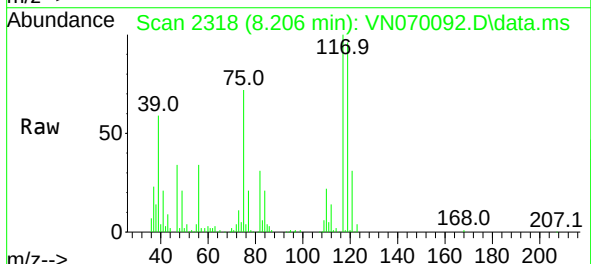
Tgt Ion:117 Resp: 278170

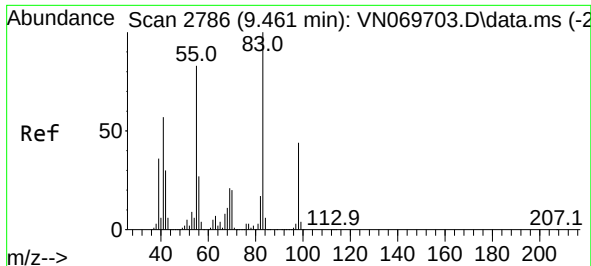
Ion Ratio Lower Upper

117 100

119 96.4 76.1 114.1

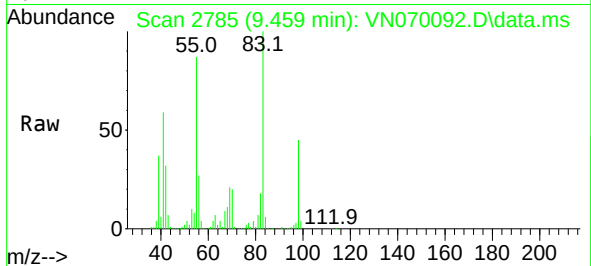
121 31.2 24.2 36.2





#39
Methylcyclohexane
Concen: 18.507 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

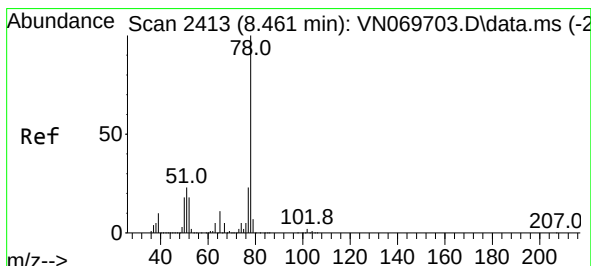
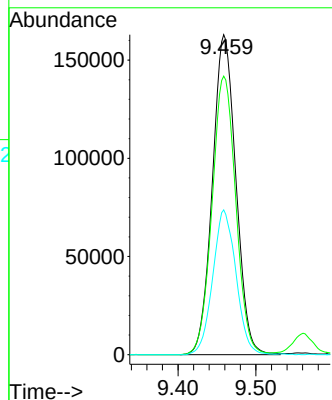
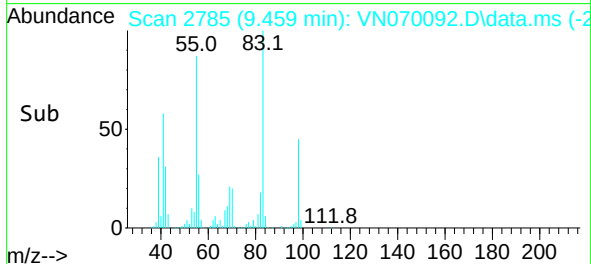
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



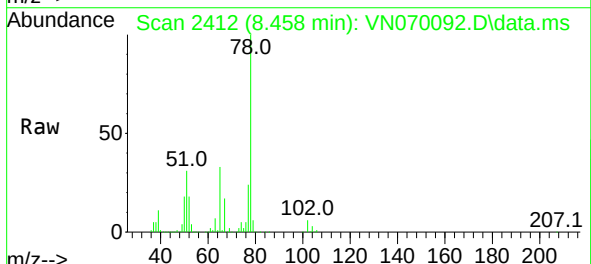
Tgt Ion: 83 Resp: 341399
Ion Ratio Lower Upper
83 100
55 87.0 58.1 87.1
98 45.3 38.4 57.6

Manual Integrations
APPROVED

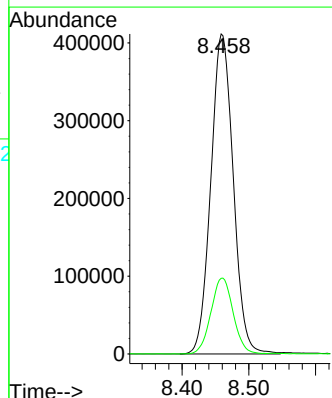
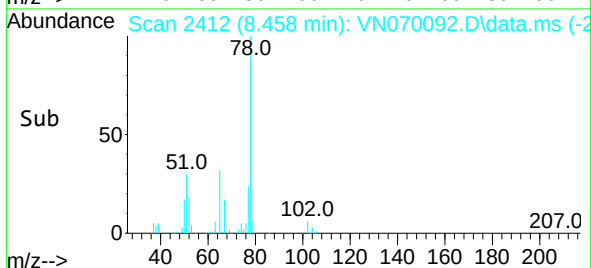
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

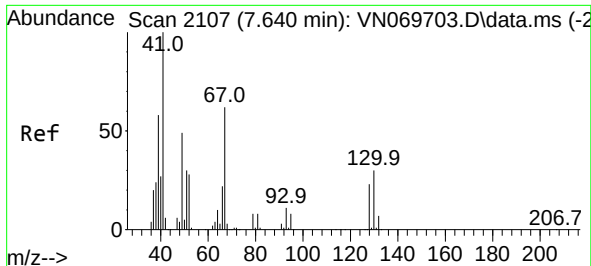


#40
Benzene
Concen: 20.254 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46



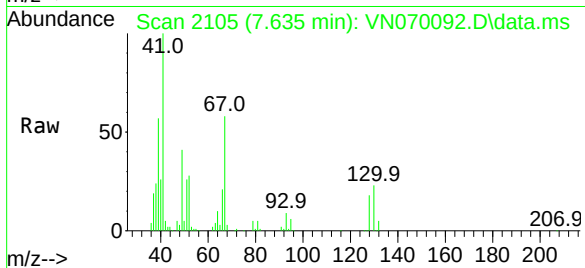
Tgt Ion: 78 Resp: 960146
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 21.194 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

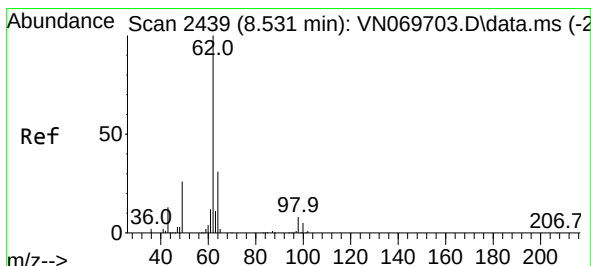
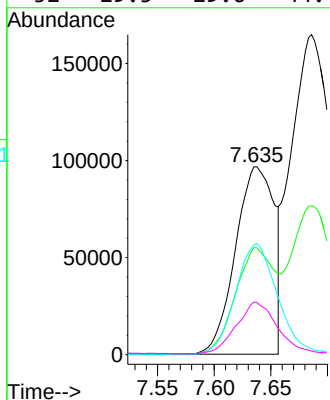
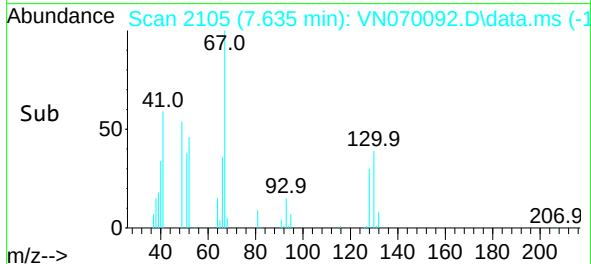
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



Tgt Ion: 41 Resp: 22965
Ion Ratio Lower Upper
41 100
39 58.7 48.1 72.1
67 65.1 68.3 102.5
52 29.5 29.6 44.4#

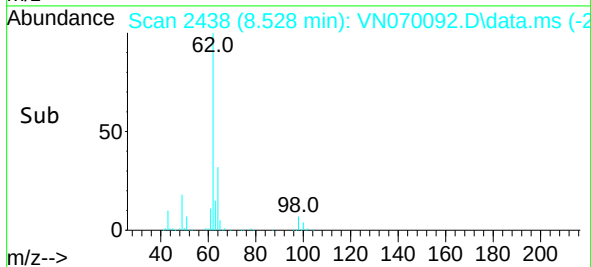
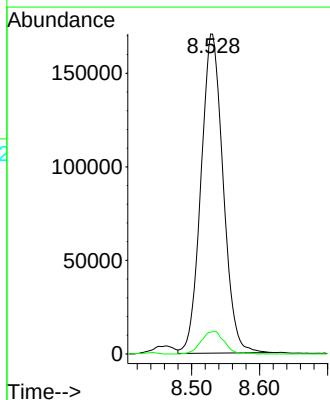
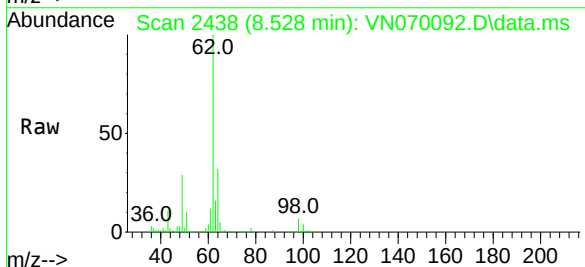
Manual Integrations
APPROVED

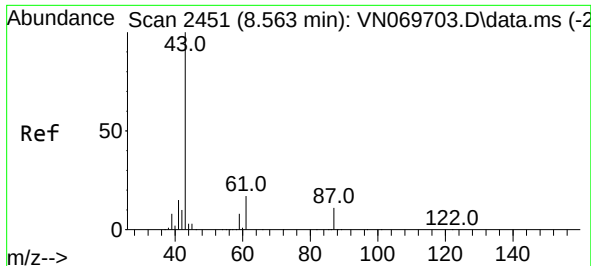
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#42
1,2-Dichloroethane
Concen: 20.197 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

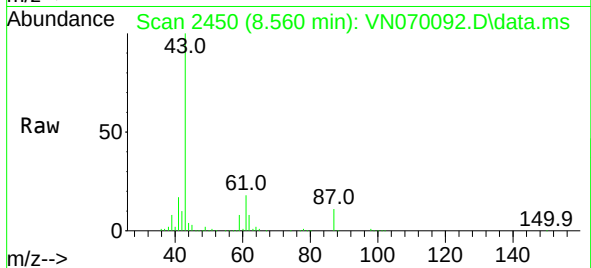
Tgt Ion: 62 Resp: 386485
Ion Ratio Lower Upper
62 100
98 7.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.863 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

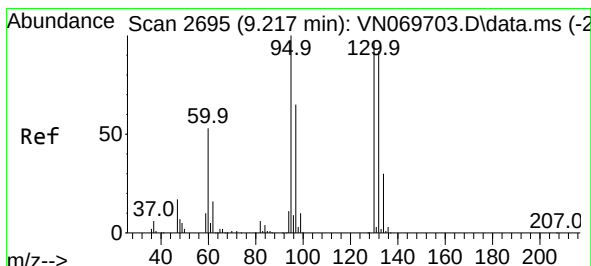
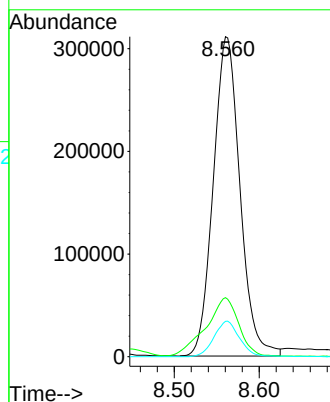
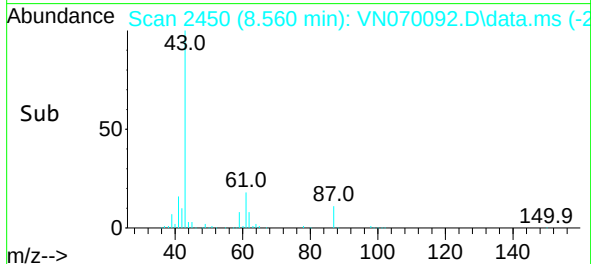
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



Tgt Ion: 43 Resp: 678490
Ion Ratio Lower Upper
43 100
61 22.8 20.4 30.6
87 10.7 11.2 16.8

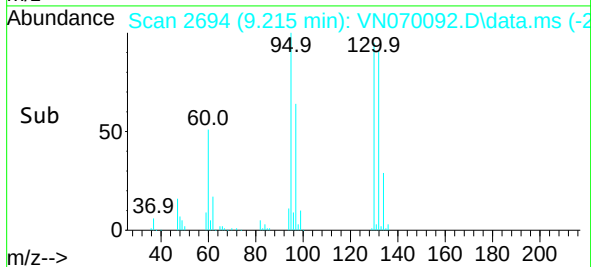
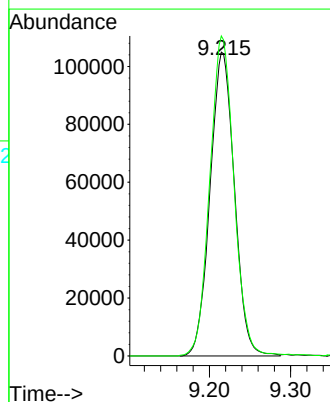
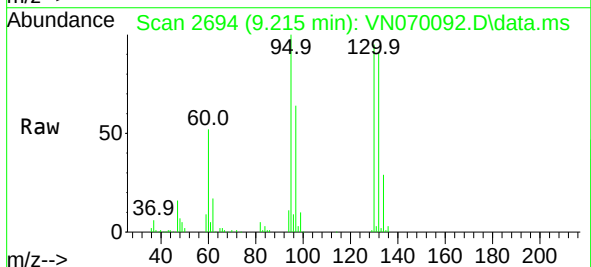
Manual Integrations
APPROVED

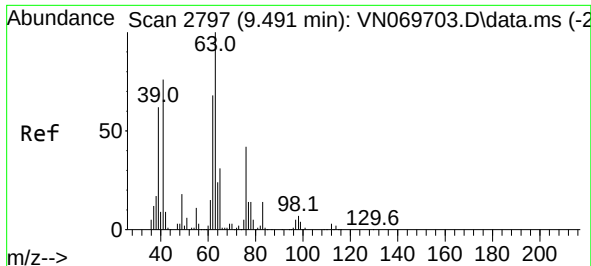
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#44
Trichloroethene
Concen: 19.279 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

Tgt Ion:130 Resp: 218131
Ion Ratio Lower Upper
130 100
95 105.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 21.129 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070092.D

Acq: 15 Dec 2021 00:46

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBSD02

Tgt Ion: 63 Resp: 26896

Ion Ratio Lower Upper

63 100

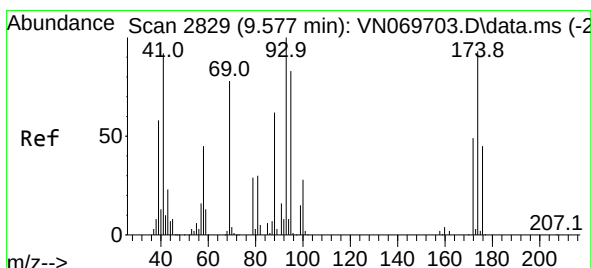
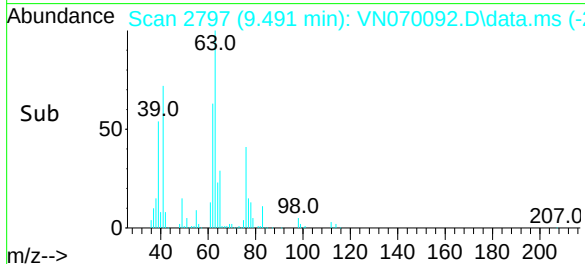
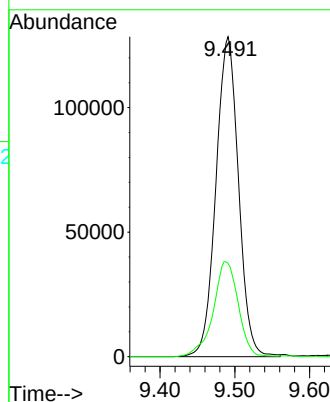
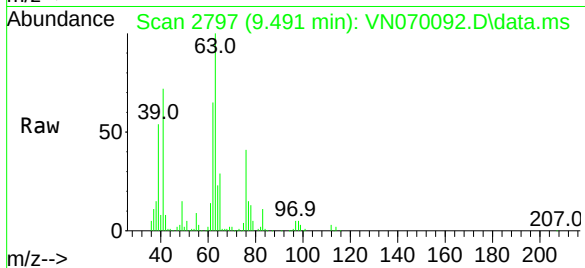
65 29.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#46

Dibromomethane

Concen: 19.539 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070092.D

Acq: 15 Dec 2021 00:46

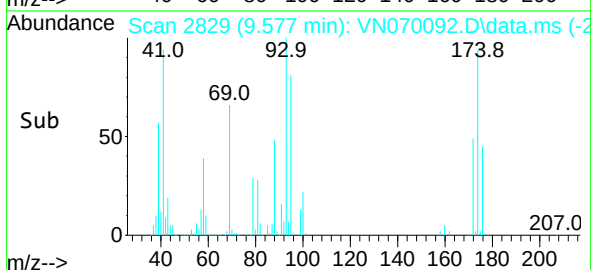
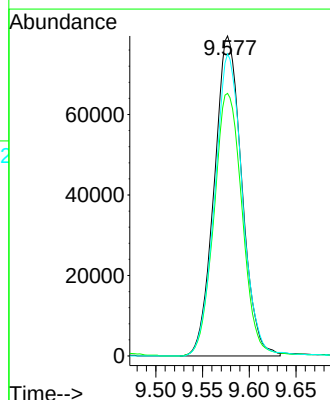
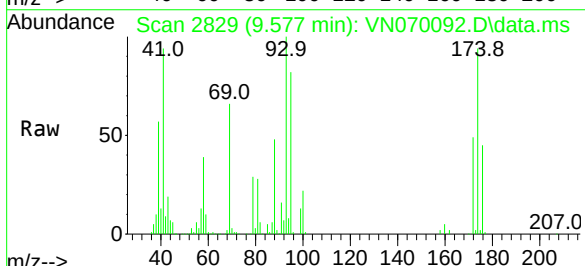
Tgt Ion: 93 Resp: 163122

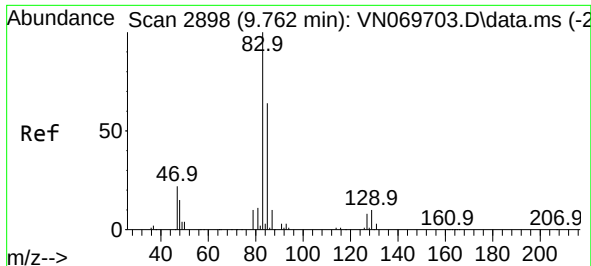
Ion Ratio Lower Upper

93 100

95 84.2 65.9 98.9

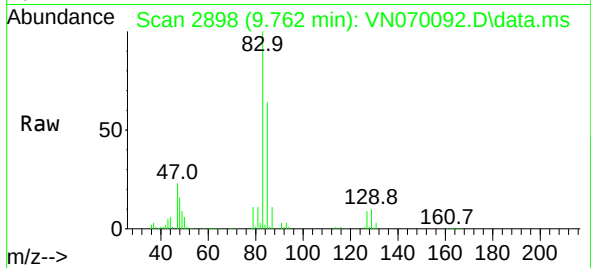
174 94.9 84.6 127.0





#47
Bromodichloromethane
Concen: 20.032 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

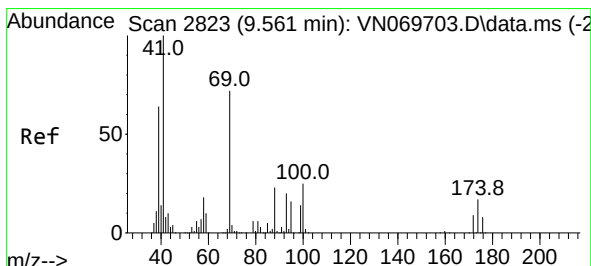
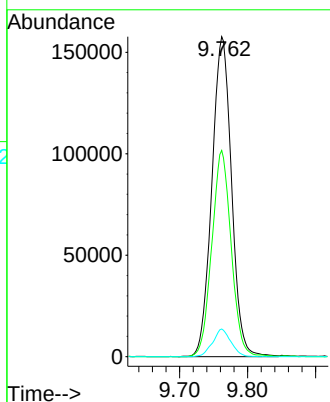
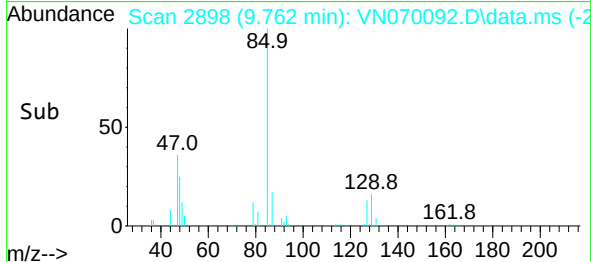
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



Tgt Ion: 83 Resp: 316648
Ion Ratio Lower Upper
83 100
85 64.4 50.9 76.3
127 8.6 7.1 10.7

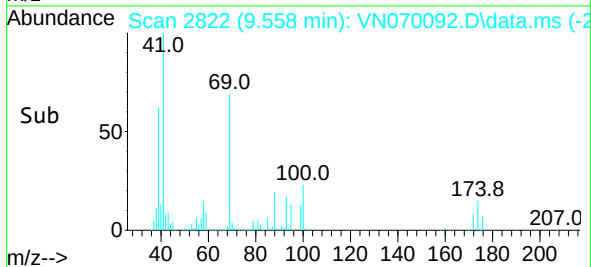
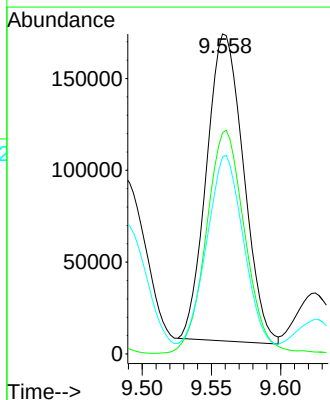
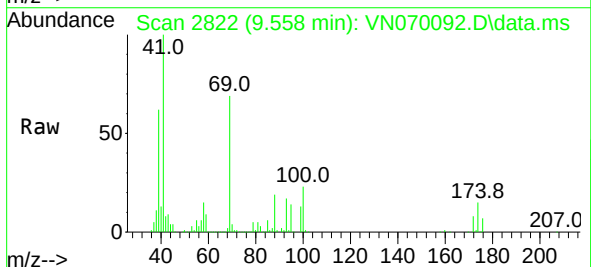
Manual Integrations
APPROVED

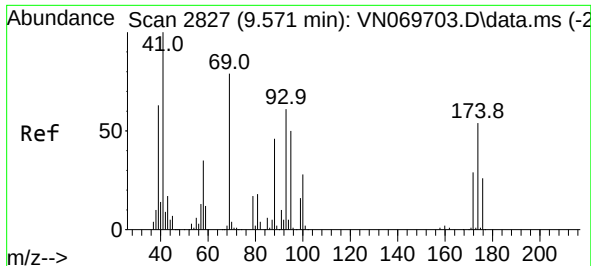
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#48
Methyl methacrylate
Concen: 19.490 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

Tgt Ion: 41 Resp: 310691
Ion Ratio Lower Upper
41 100
69 75.8 72.4 108.6
39 66.1 58.4 87.6





#49

1,4-Dioxane

Concen: 355.111 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.003 min

Lab File: VN070092.D

Acq: 15 Dec 2021 00:46

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS02

Tgt Ion: 88 Resp: 101573

Ion Ratio Lower Upper

88 100

43 37.2 23.4 35.2

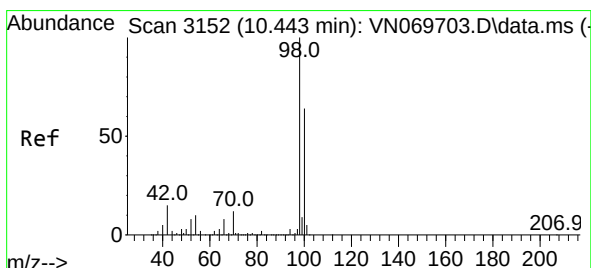
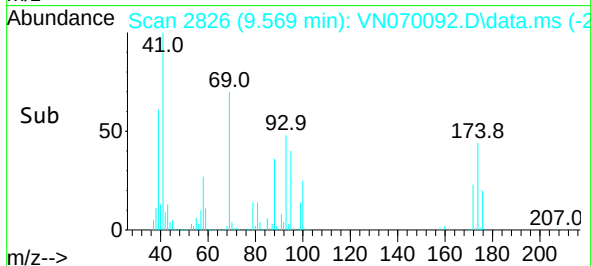
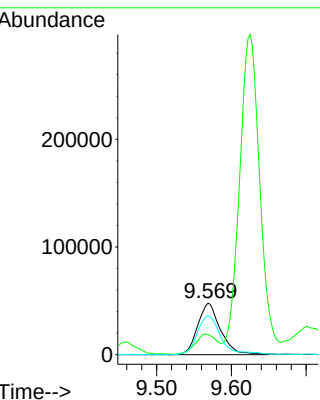
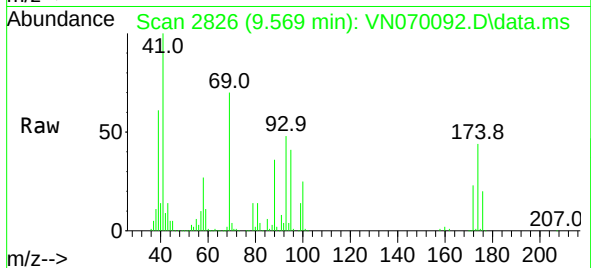
58 79.4 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#50

Toluene-d8

Concen: 51.105 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070092.D

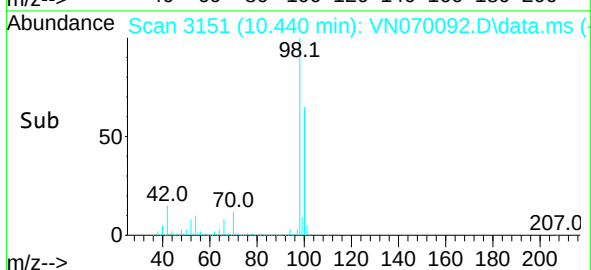
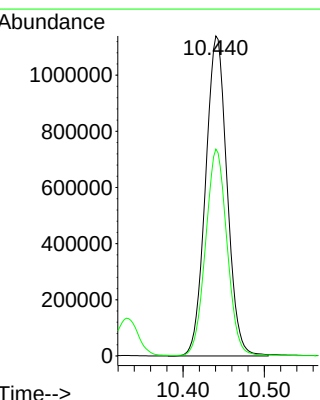
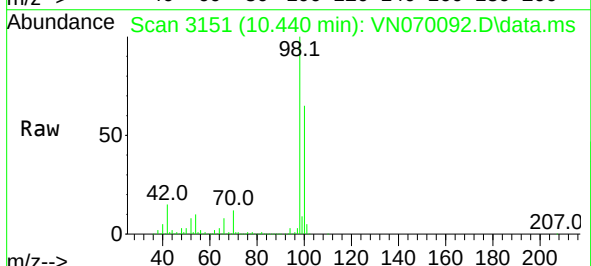
Acq: 15 Dec 2021 00:46

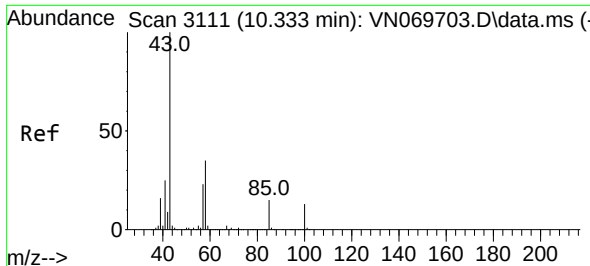
Tgt Ion: 98 Resp: 2094003

Ion Ratio Lower Upper

98 100

100 64.6 50.4 75.6





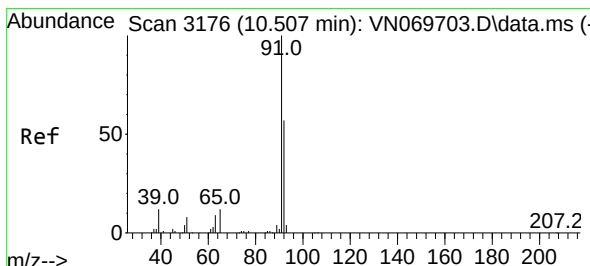
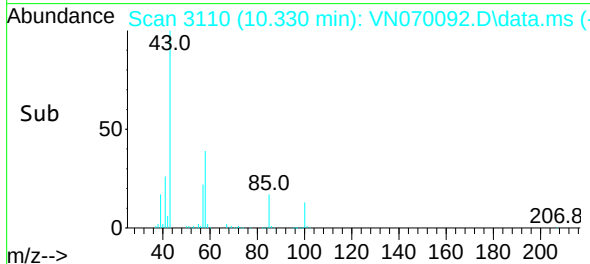
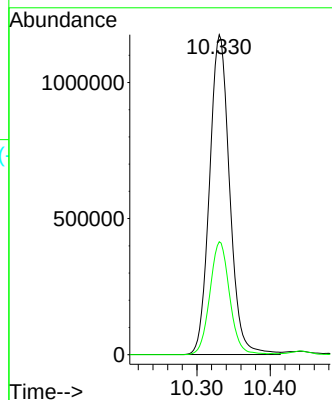
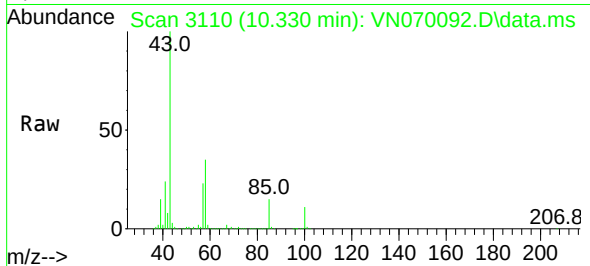
#51
4-Methyl-2-Pentanone
Concen: 100.929 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02

Tgt Ion: 43 Resp: 2236560
Ion Ratio Lower Upper
43 100
58 34.8 30.4 45.6

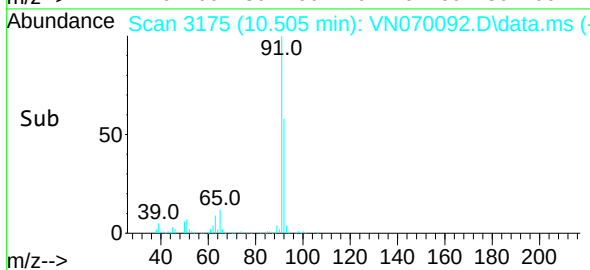
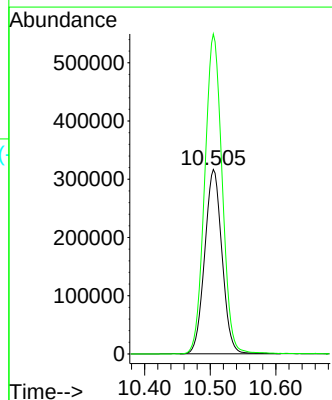
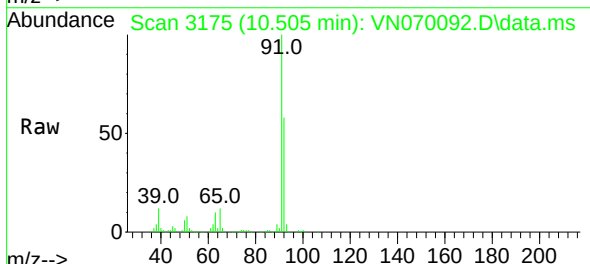
Manual Integrations
APPROVED

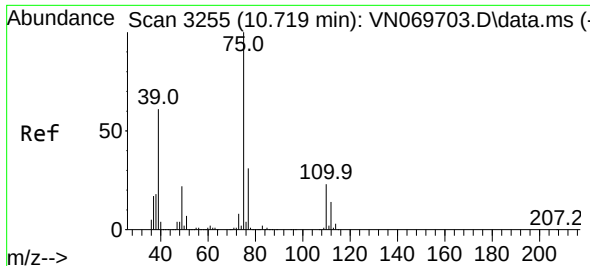
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#52
Toluene
Concen: 20.020 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

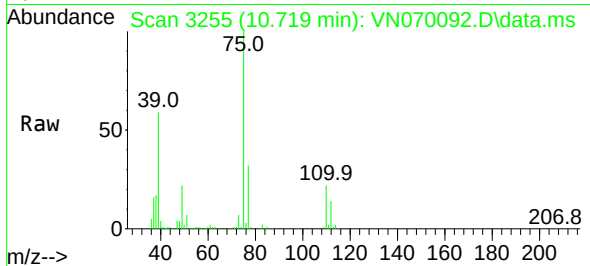
Tgt Ion: 92 Resp: 579396
Ion Ratio Lower Upper
92 100
91 175.4 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.473 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

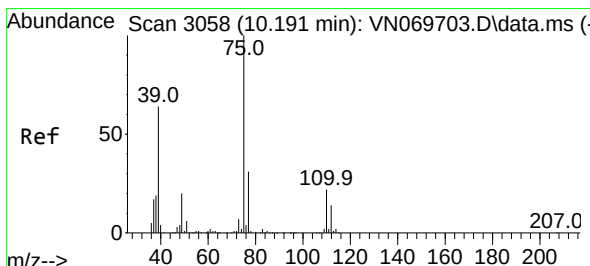
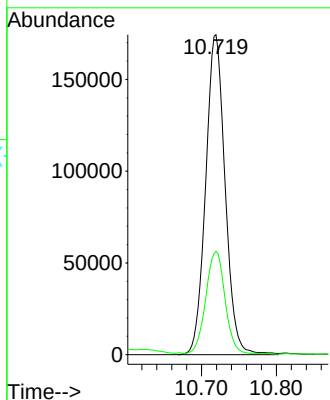
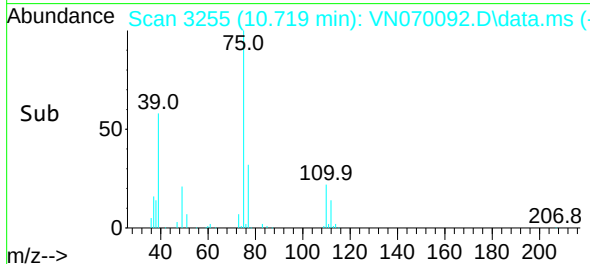
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



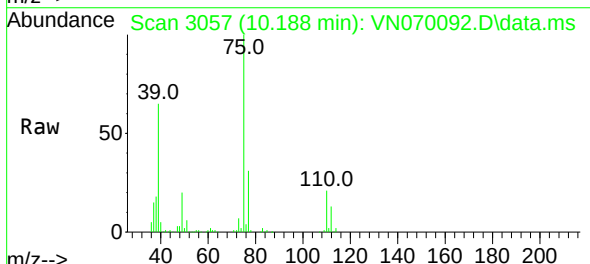
Tgt Ion: 75 Resp: 315780
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4

Manual Integrations
APPROVED

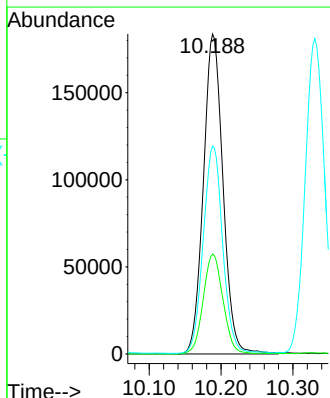
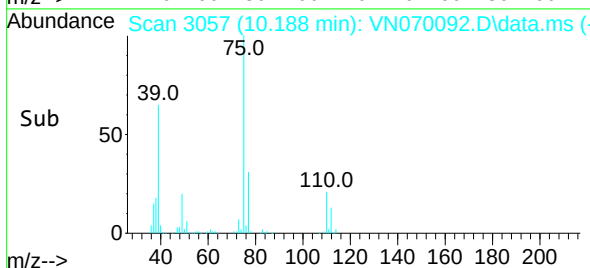
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

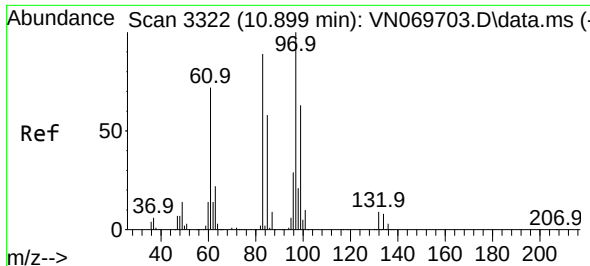


#54
cis-1,3-Dichloropropene
Concen: 18.777 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46



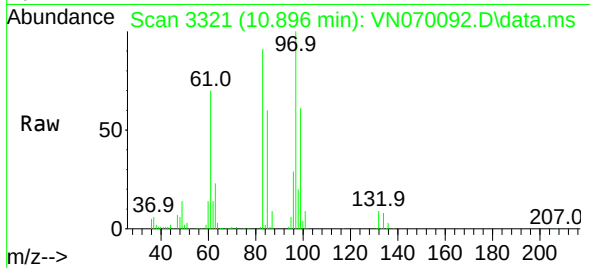
Tgt Ion: 75 Resp: 348764
Ion Ratio Lower Upper
75 100
77 31.2 26.4 39.6
39 64.8 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 20.189 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

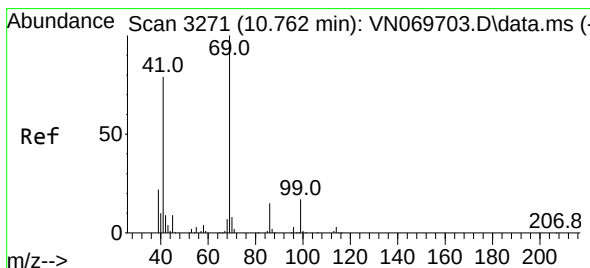
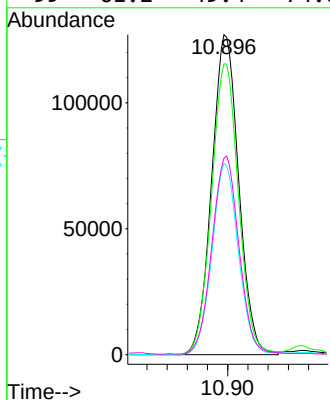
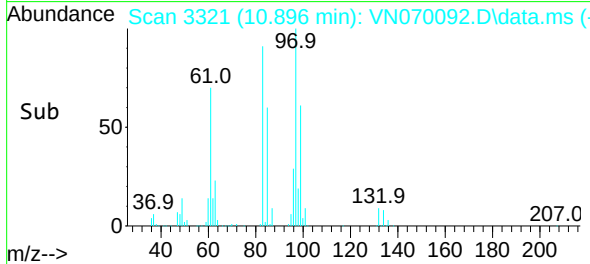
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



Tgt Ion: 97 Resp: 235749
Ion Ratio Lower Upper
97 100
83 90.8 67.8 101.6
85 59.7 45.4 68.2
99 61.2 49.4 74.0

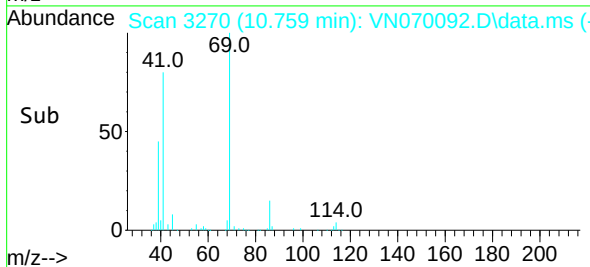
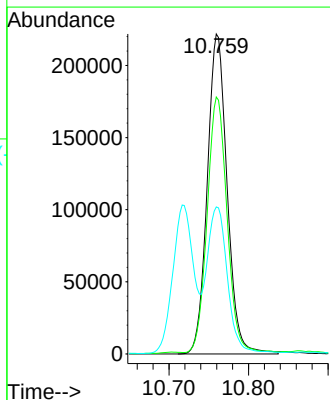
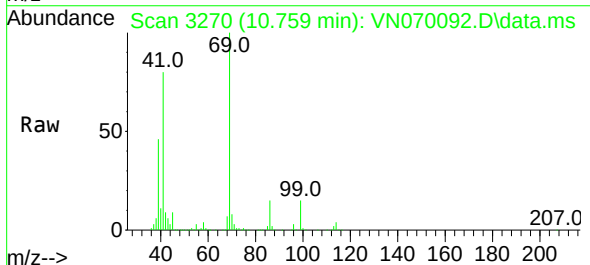
Manual Integrations
APPROVED

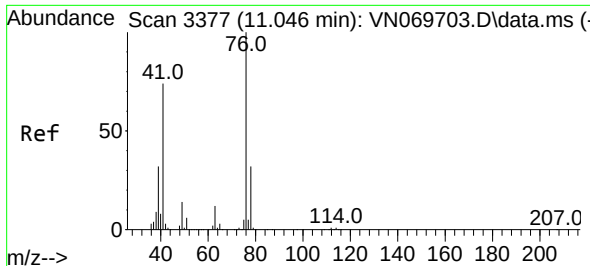
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#56
Ethyl methacrylate
Concen: 18.952 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

Tgt Ion: 69 Resp: 384899
Ion Ratio Lower Upper
69 100
41 79.8 51.4 77.0#
39 45.9 34.6 52.0





#57

1,3-Dichloropropane

Concen: 20.408 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070092.D

Acq: 15 Dec 2021 00:46

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBSD02

Tgt Ion: 76 Resp: 419610

Ion Ratio Lower Upper

76 100

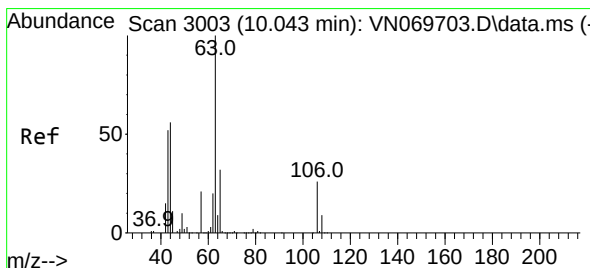
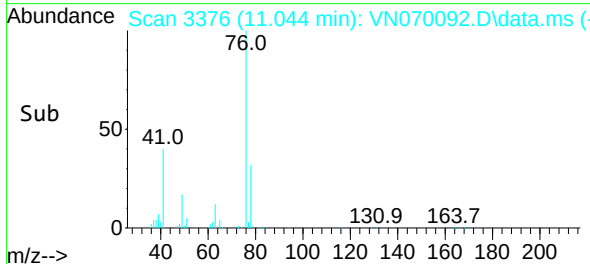
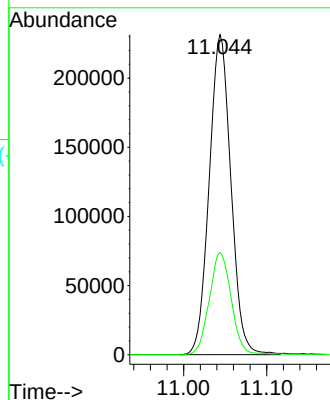
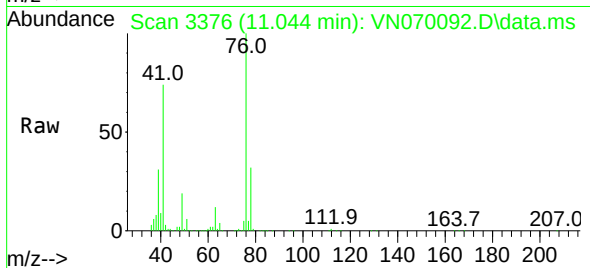
78 32.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#58

2-Chloroethyl Vinyl ether

Concen: 80.886 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070092.D

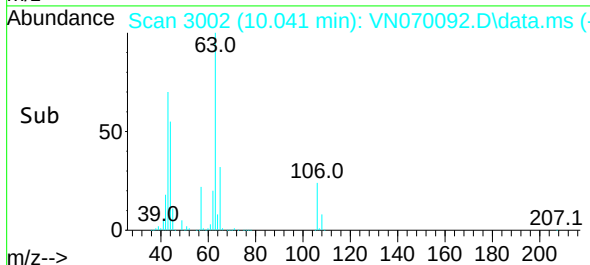
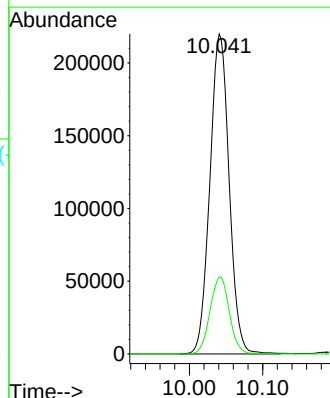
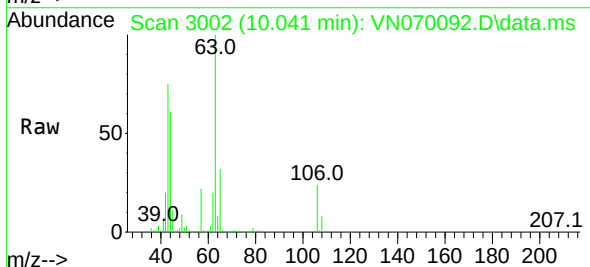
Acq: 15 Dec 2021 00:46

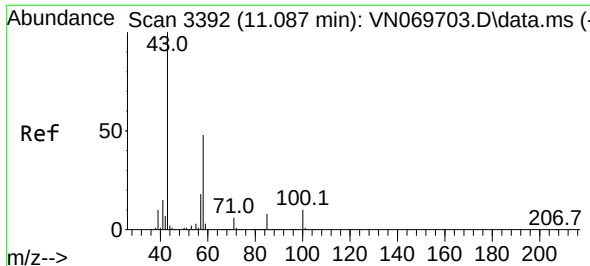
Tgt Ion: 63 Resp: 401378

Ion Ratio Lower Upper

63 100

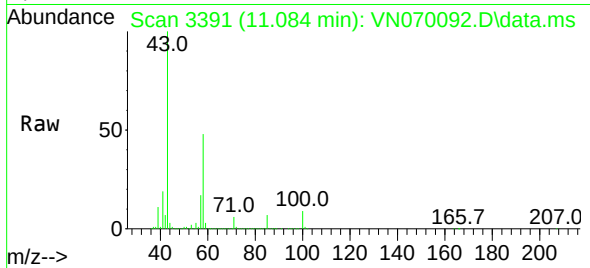
106 24.1 23.9 35.9





#59
2-Hexanone
Concen: 93.763 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

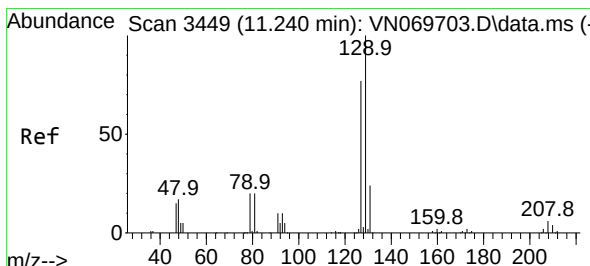
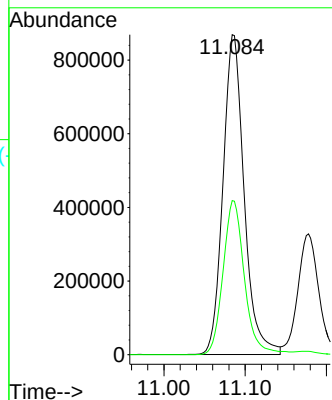
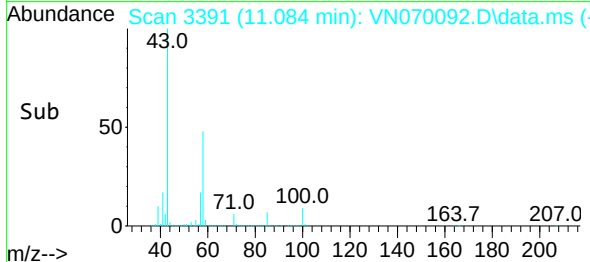
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



Tgt Ion: 43 Resp: 157175
Ion Ratio Lower Upper
43 100
58 48.8 26.9 80.7

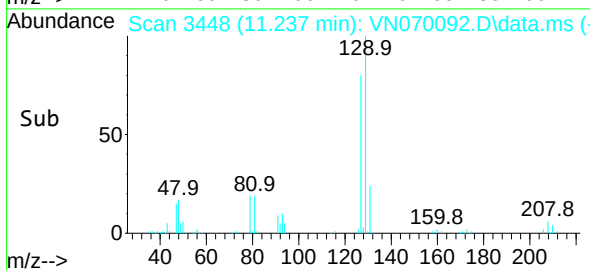
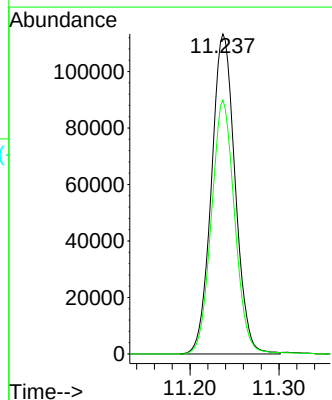
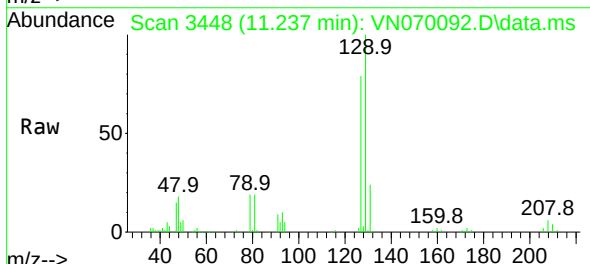
Manual Integrations
APPROVED

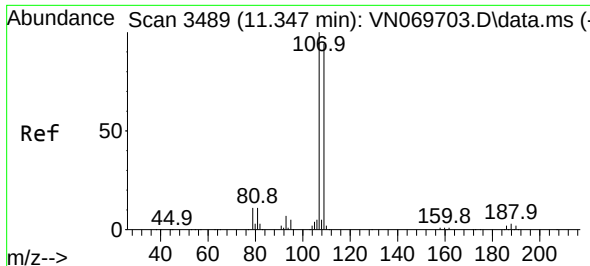
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#60
Dibromochloromethane
Concen: 18.296 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

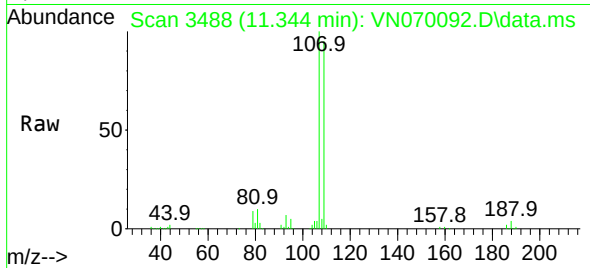
Tgt Ion:129 Resp: 209114
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.013 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

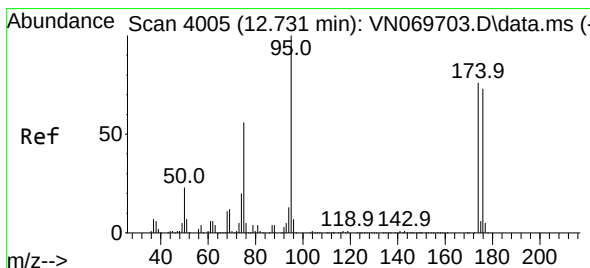
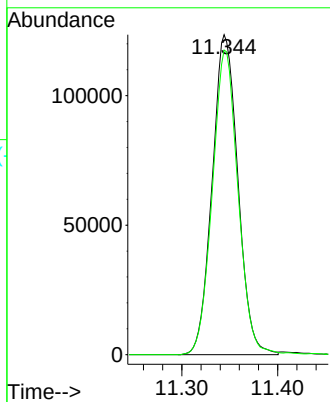
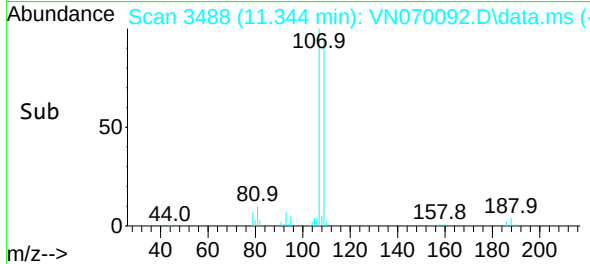
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



Tgt Ion:107 Resp: 229954
Ion Ratio Lower Upper
107 100
109 95.0 75.7 113.5

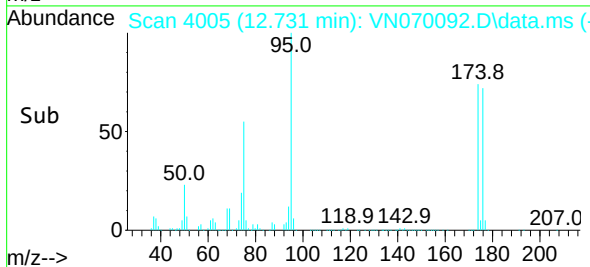
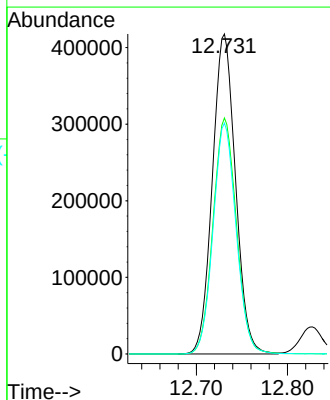
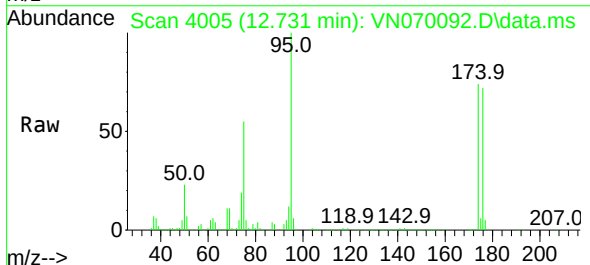
Manual Integrations
APPROVED

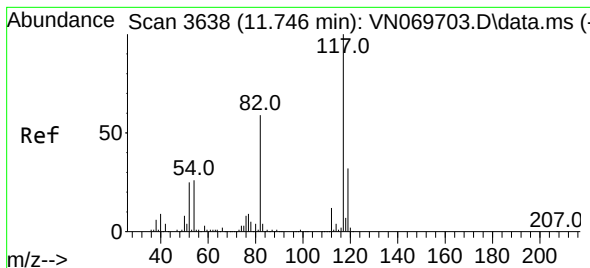
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#62
4-Bromofluorobenzene
Concen: 49.507 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

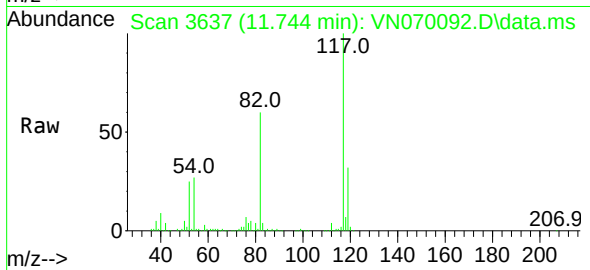
Tgt Ion: 95 Resp: 734882
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 72.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

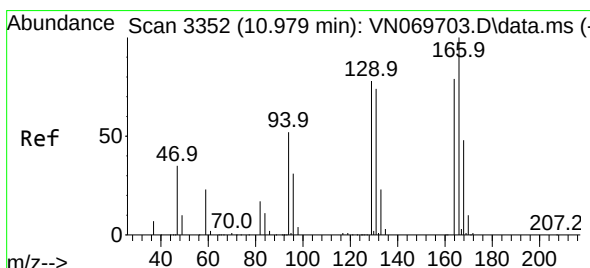
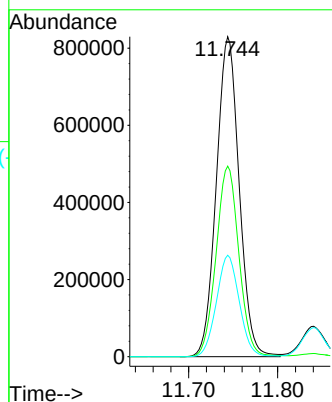
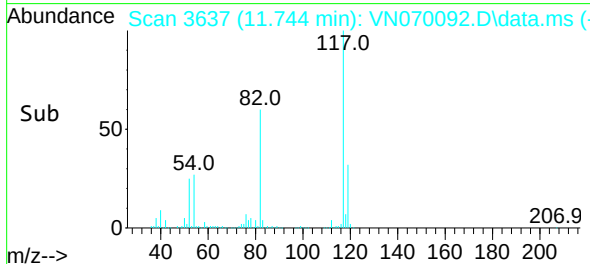
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion:117 Resp: 147984
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.7 25.4 38.2

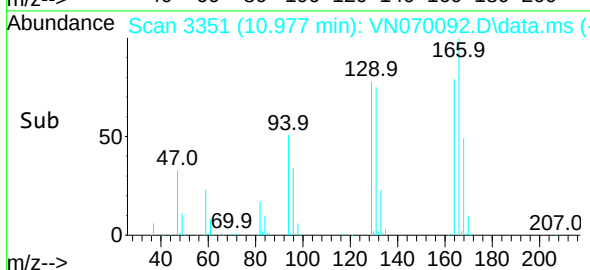
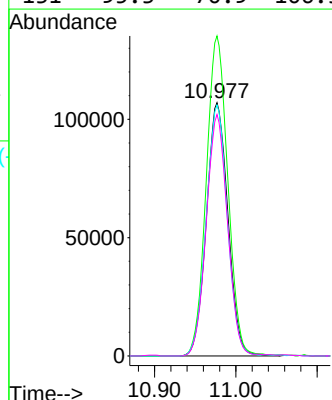
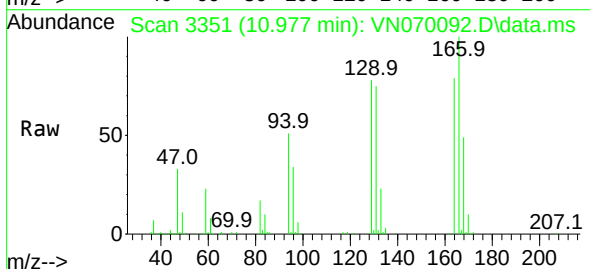
Manual Integrations
APPROVED

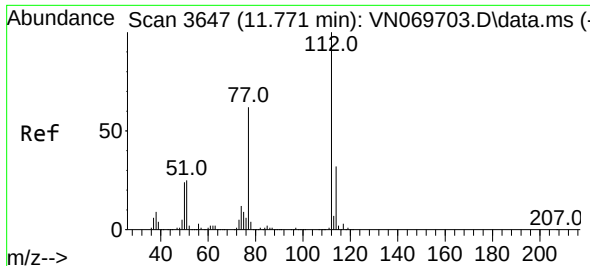
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#64
Tetrachloroethene
Concen: 19.630 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

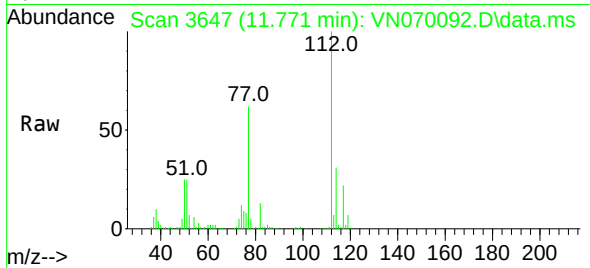
Tgt Ion:164 Resp: 196972
Ion Ratio Lower Upper
164 100
166 126.3 101.9 152.9
129 99.0 72.0 108.0
131 95.3 70.9 106.3





#65
Chlorobenzene
Concen: 20.110 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

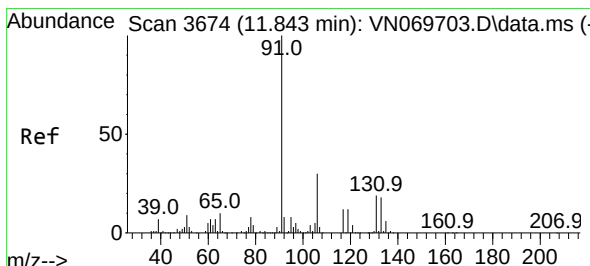
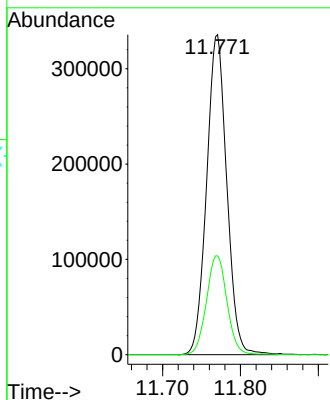
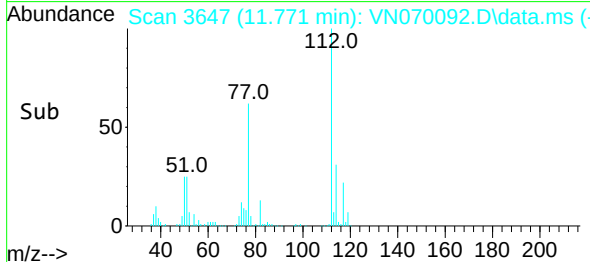
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



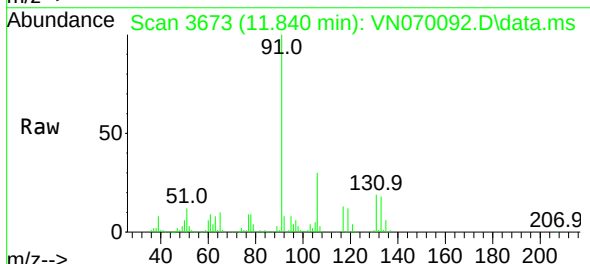
Tgt Ion:112 Resp: 60372
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.0

Manual Integrations
APPROVED

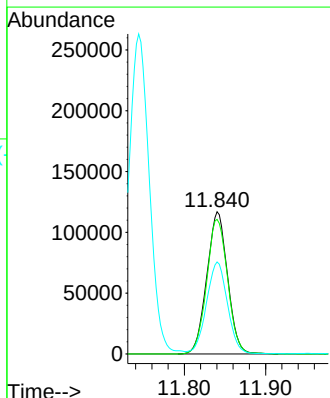
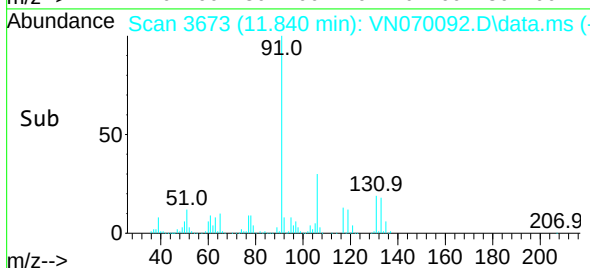
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

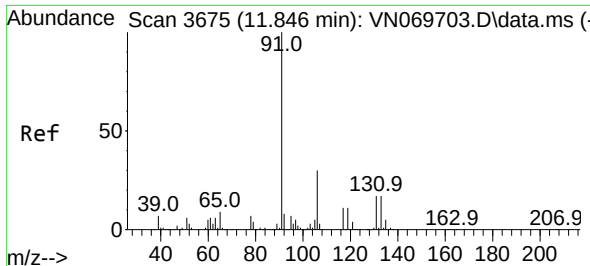


#66
1,1,1,2-Tetrachloroethane
Concen: 19.638 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46



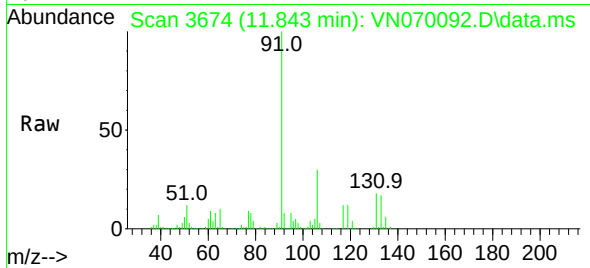
Tgt Ion:131 Resp: 207506
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 65.1 32.1 96.5





#67
Ethyl Benzene
Concen: 20.414 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

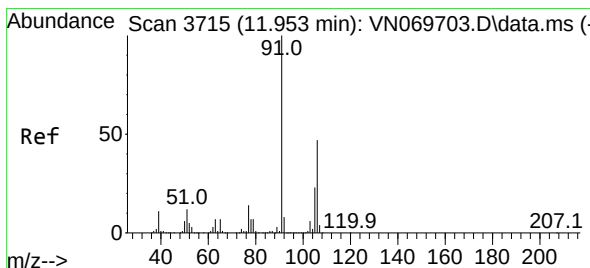
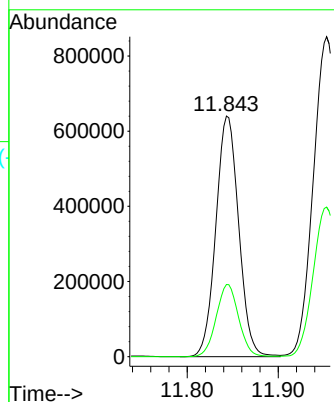
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



Tgt Ion: 91 Resp: 1113234
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

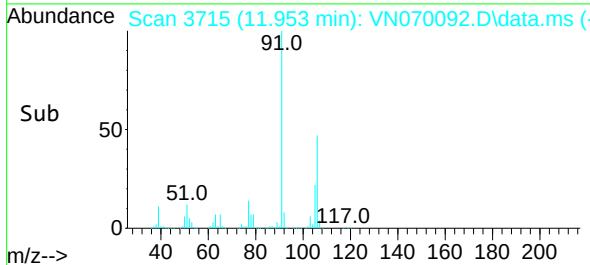
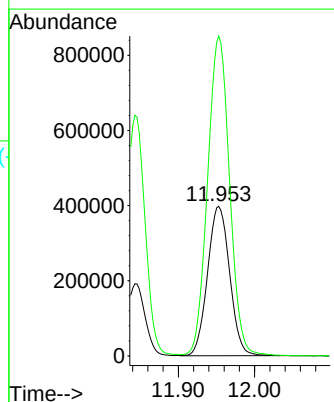
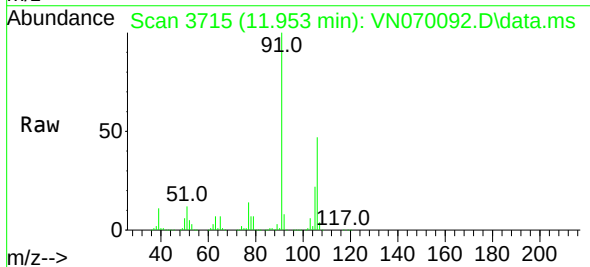
Manual Integrations
APPROVED

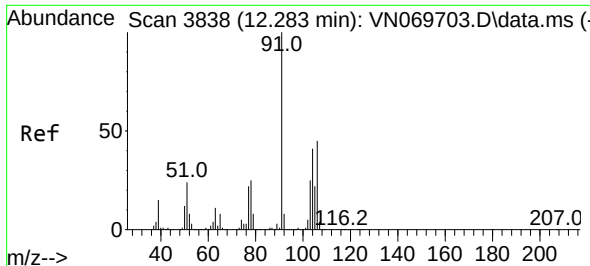
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#68
m/p-Xylenes
Concen: 40.341 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

Tgt Ion:106 Resp: 801020
Ion Ratio Lower Upper
106 100
91 213.3 160.6 240.8





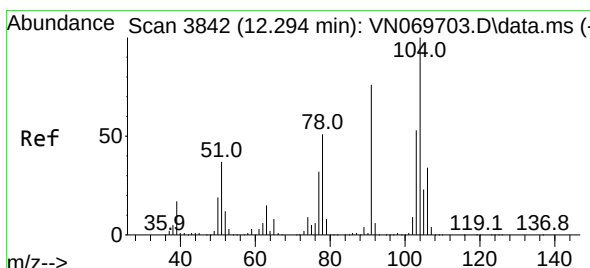
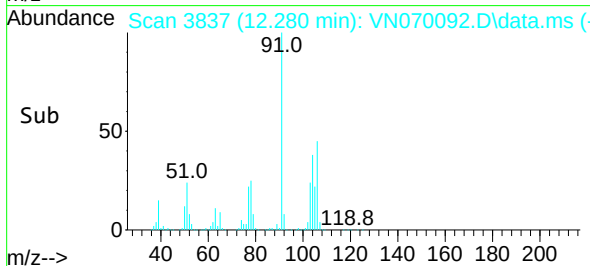
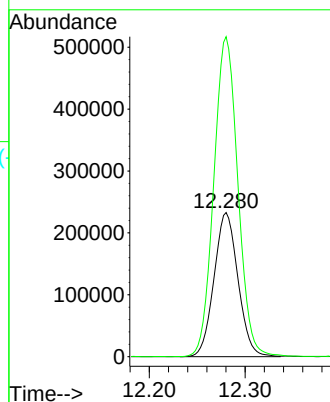
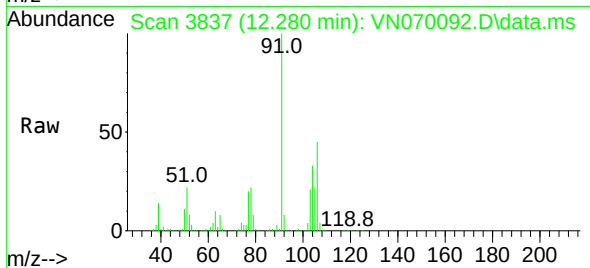
#69
o-Xylene
Concen: 20.181 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02

Tgt Ion:106 Resp: 40363
Ion Ratio Lower Upper
106 100
91 223.7 105.8 317.3

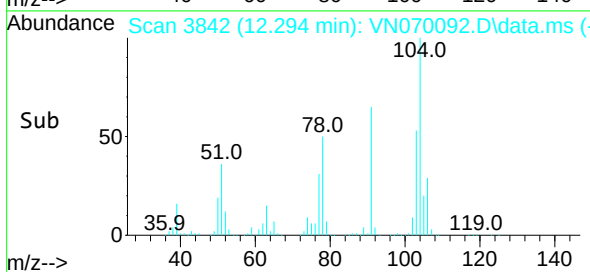
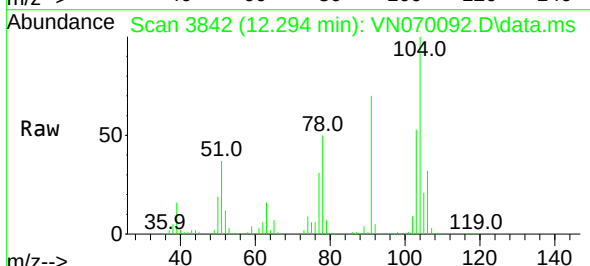
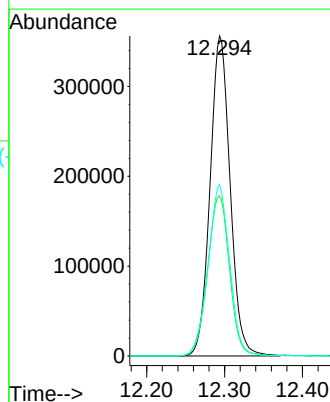
Manual Integrations
APPROVED

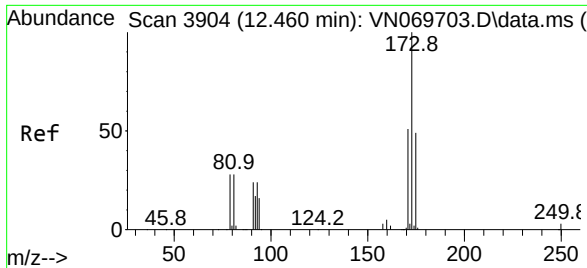
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#70
Styrene
Concen: 20.112 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

Tgt Ion:104 Resp: 637860
Ion Ratio Lower Upper
104 100
78 55.0 38.7 58.1
103 56.9 45.0 67.6





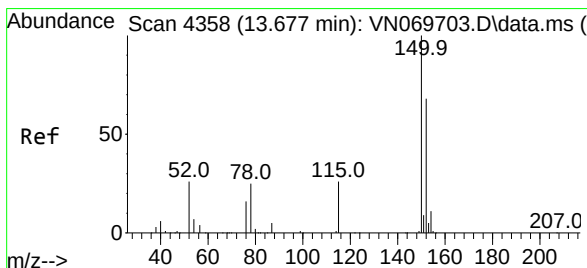
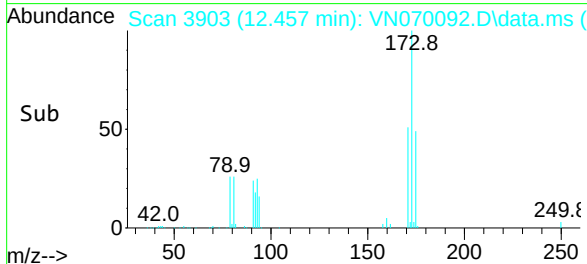
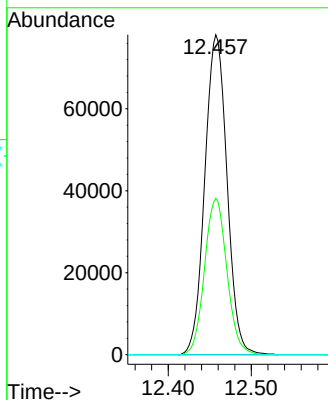
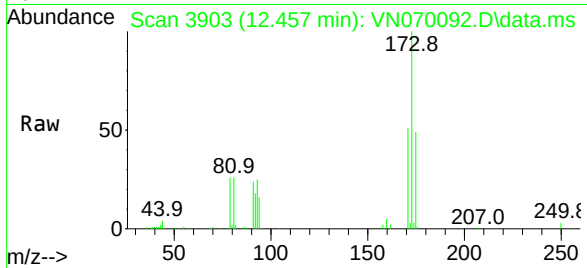
#71
Bromoform
Concen: 17.876 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02

Tgt Ion:173 Resp: 144783
Ion Ratio Lower Upper
173 100
175 49.2 24.2 72.6
254 0.0 0.0 0.0

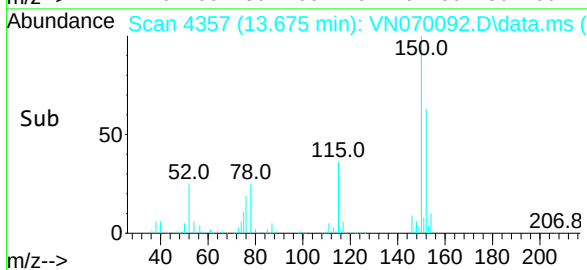
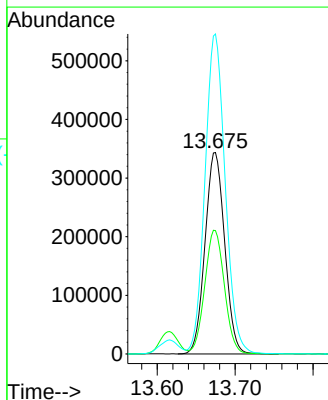
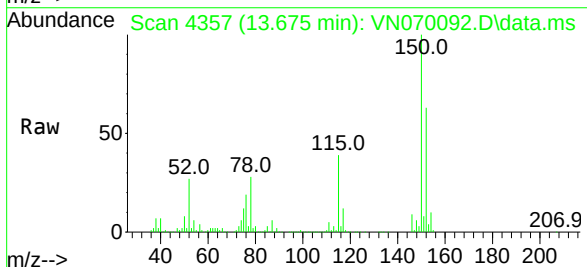
Manual Integrations
APPROVED

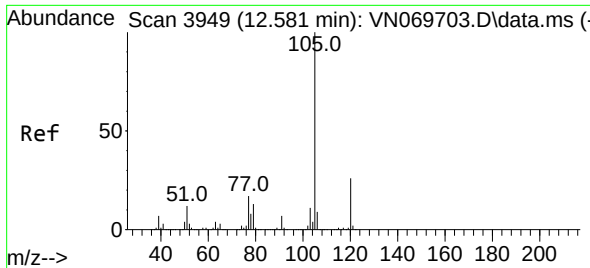
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

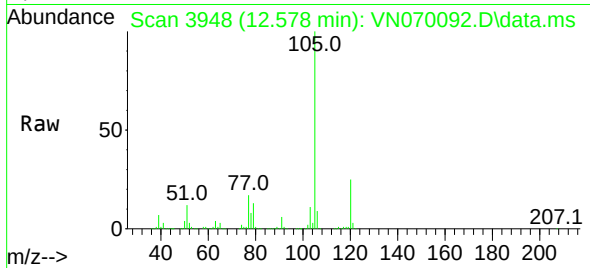
Tgt Ion:152 Resp: 603961
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 163.3 0.0 344.4





#73
Isopropylbenzene
Concen: 19.427 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

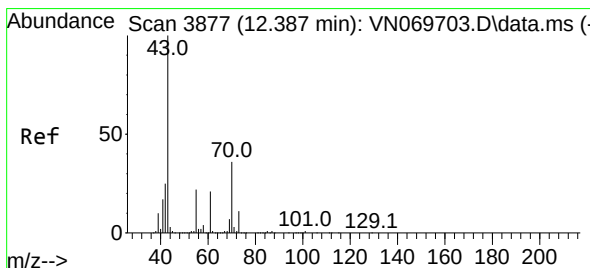
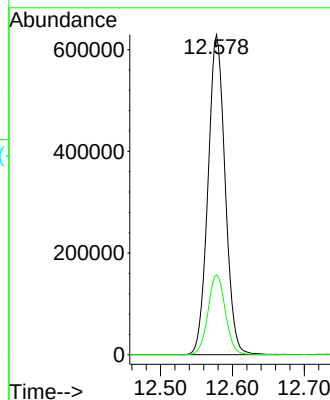
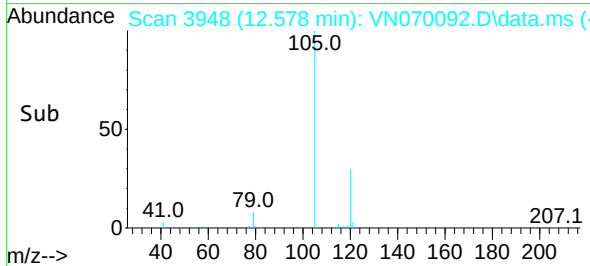
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



Tgt Ion:105 Resp: 1043932
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1

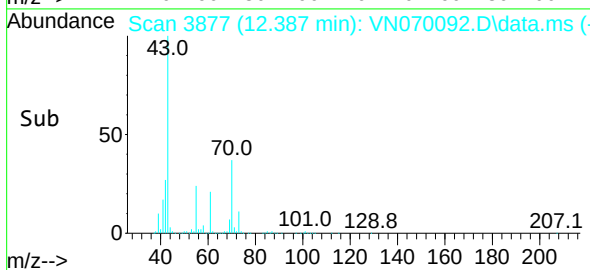
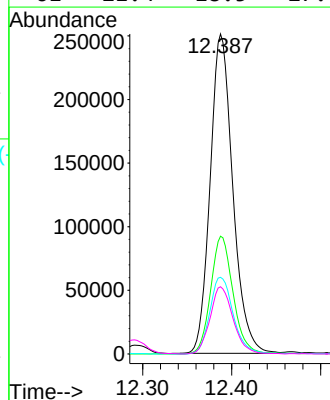
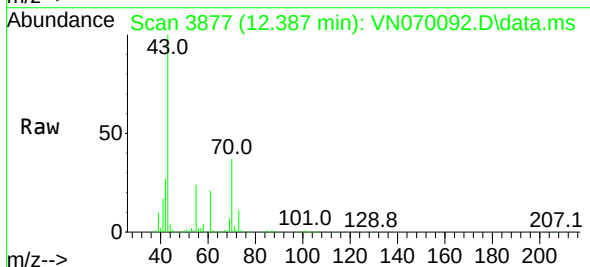
Manual Integrations
APPROVED

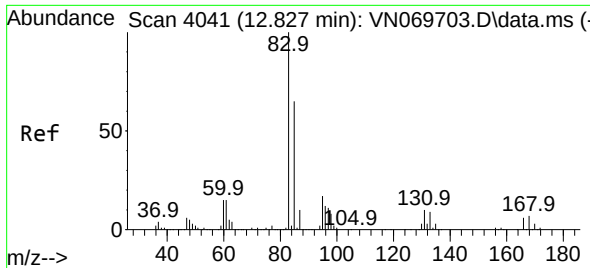
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#74
N-ethyl acetate
Concen: 18.682 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

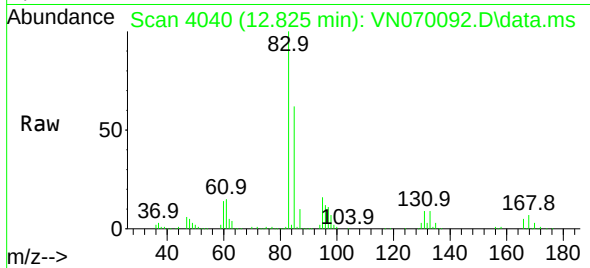
Tgt Ion: 43 Resp: 443964
Ion Ratio Lower Upper
43 100
70 36.4 33.4 50.0
55 25.0 19.3 28.9
61 21.4 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.285 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

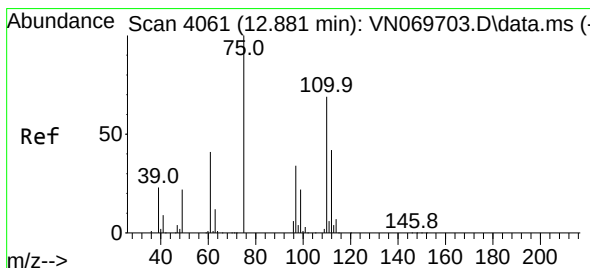
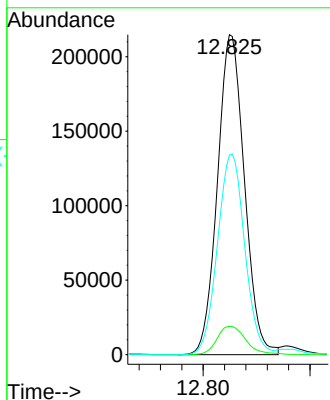
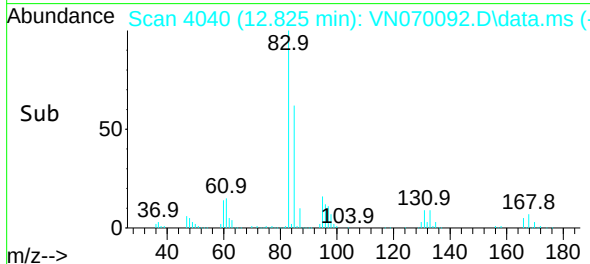
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



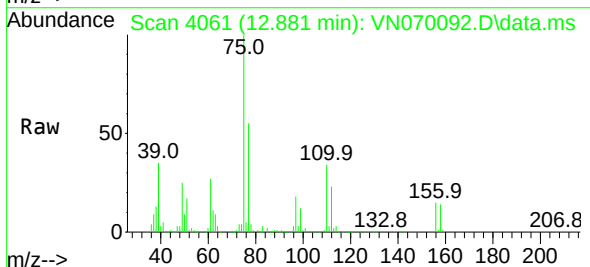
Tgt Ion: 83 Resp: 376933
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.5
85 63.3 32.4 97.2

Manual Integrations
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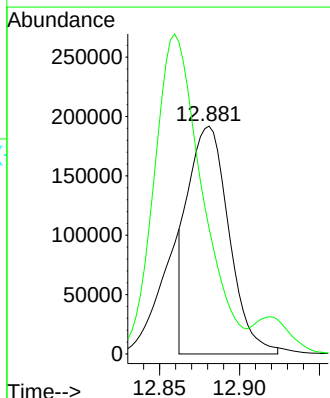
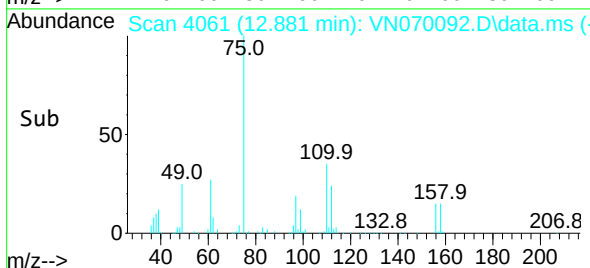
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

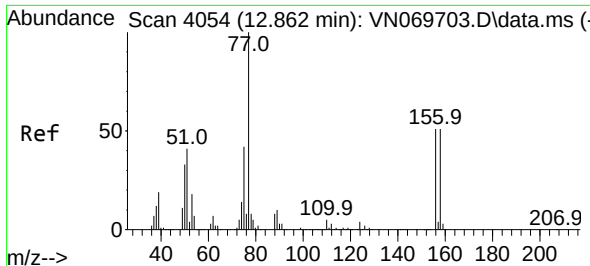


#76
1,2,3-Trichloropropane
Concen: 19.626 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46



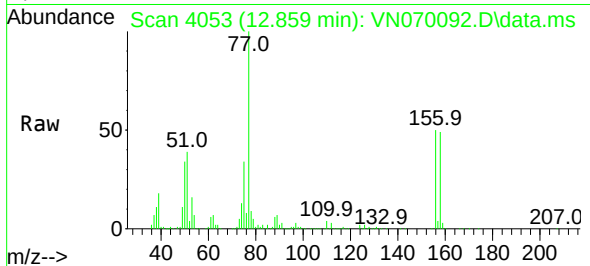
Tgt Ion: 75 Resp: 339934
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 19.340 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

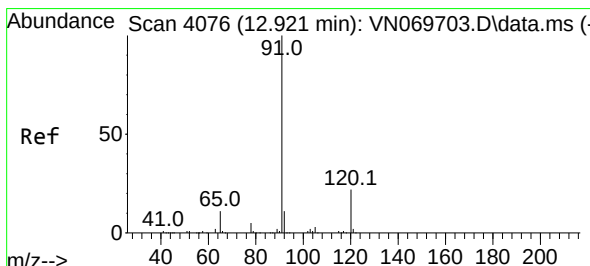
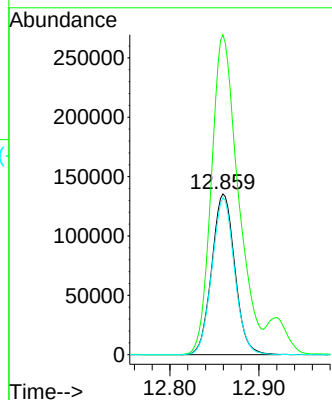
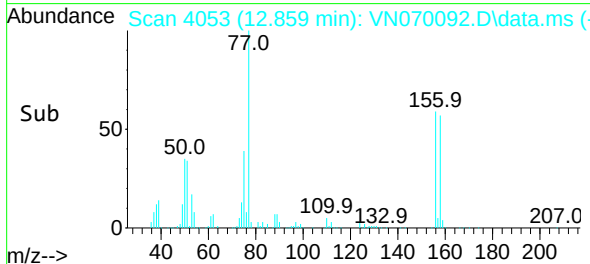
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion:156 Resp: 24410
Ion Ratio Lower Upper
156 100
77 230.9 90.6 271.8
158 95.8 48.9 146.7

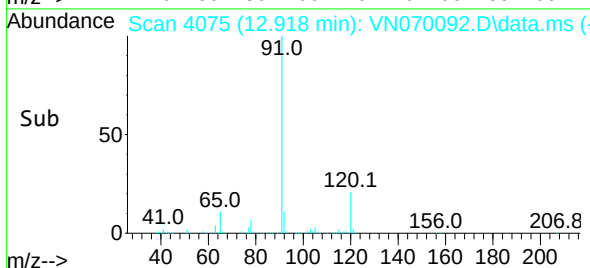
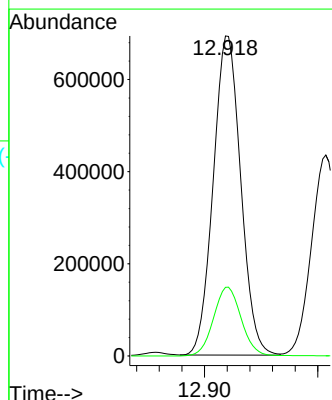
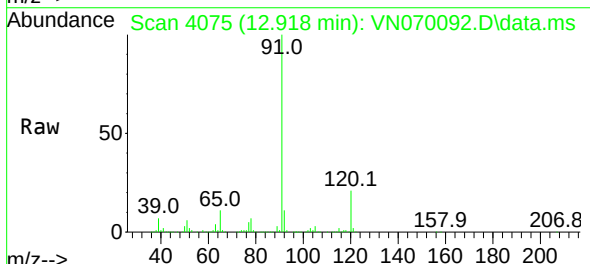
Manual Integrations
APPROVED

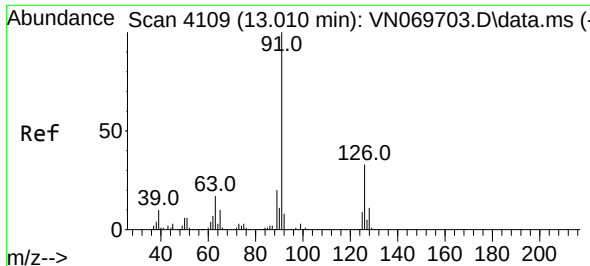
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#78
n-propylbenzene
Concen: 19.485 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

Tgt Ion: 91 Resp: 1165142
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





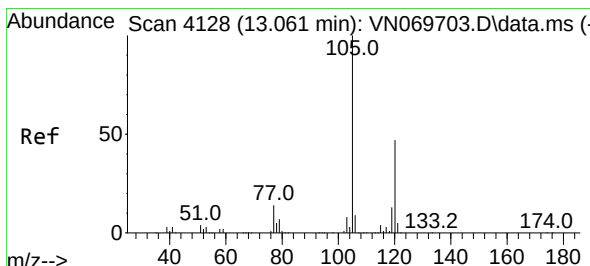
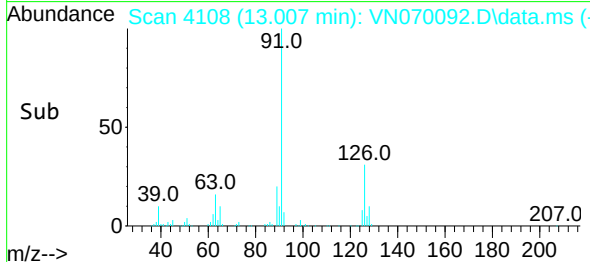
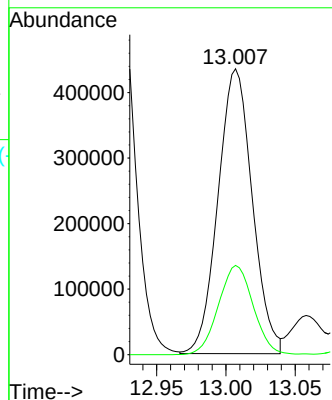
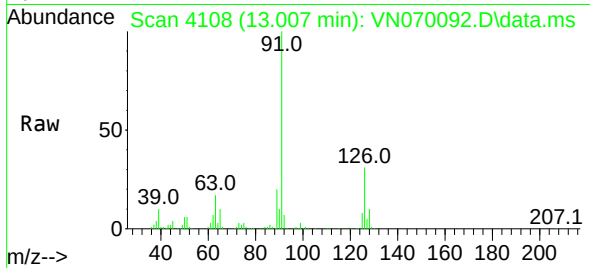
#79
2-Chlorotoluene
Concen: 19.832 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02

Tgt Ion: 91 Resp: 749325
Ion Ratio Lower Upper
91 100
126 31.7 18.3 54.8

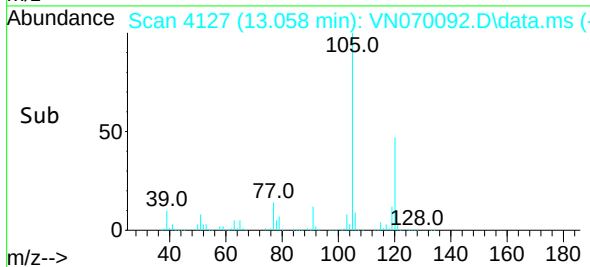
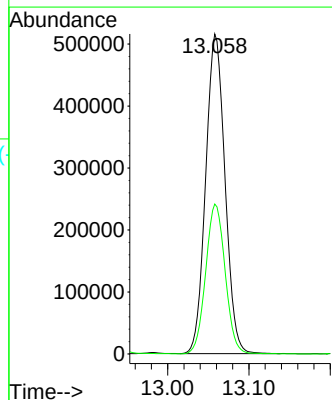
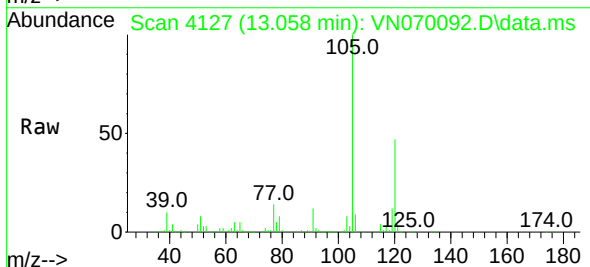
Manual Integrations
APPROVED

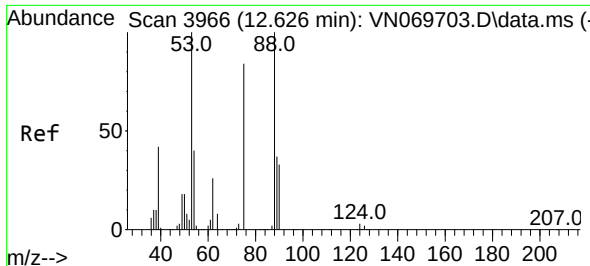
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.679 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

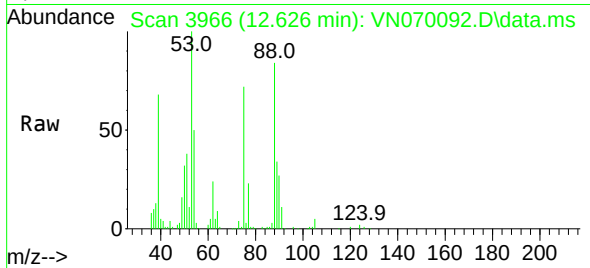
Tgt Ion:105 Resp: 851135
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.422 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

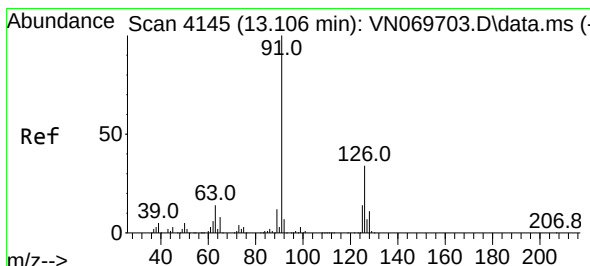
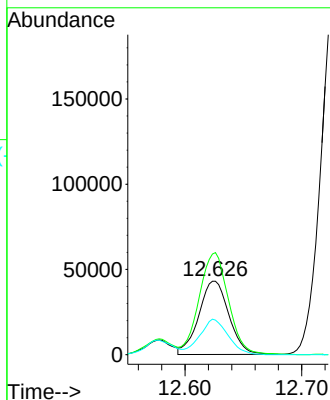
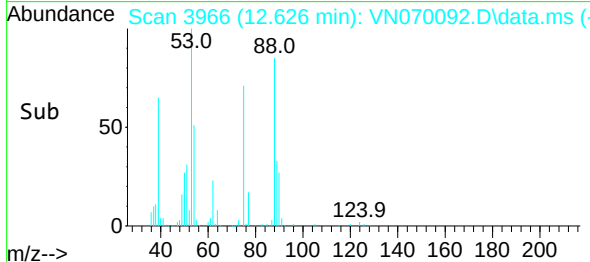
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



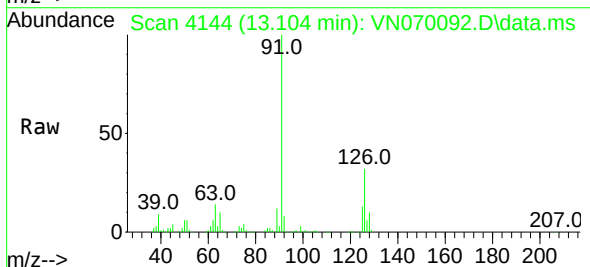
Tgt Ion: 75 Resp: 76958
Ion Ratio Lower Upper
75 100
53 136.4 90.5 135.7
89 46.1 38.2 57.4

Manual Integrations
APPROVED

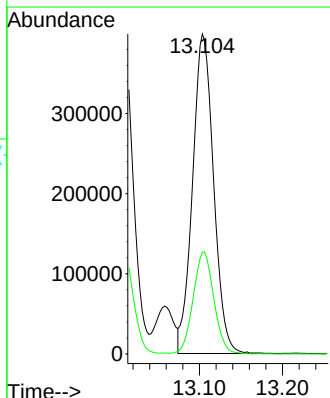
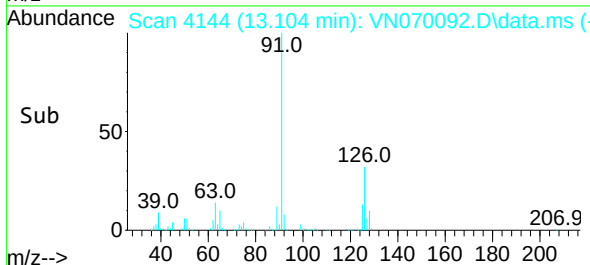
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

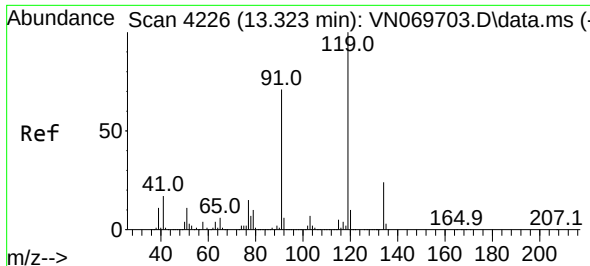


#82
4-Chlorotoluene
Concen: 19.700 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46



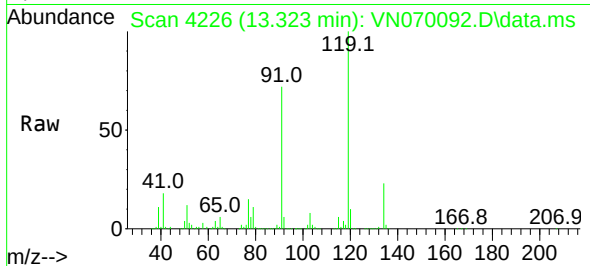
Tgt Ion: 91 Resp: 699984
Ion Ratio Lower Upper
91 100
126 31.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 19.630 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

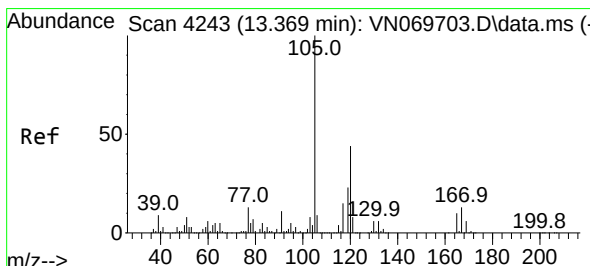
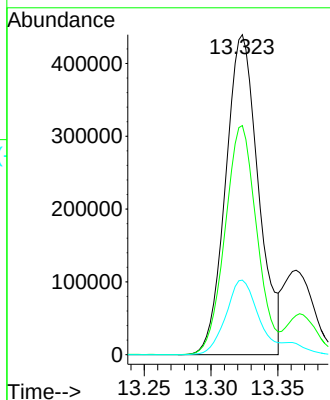
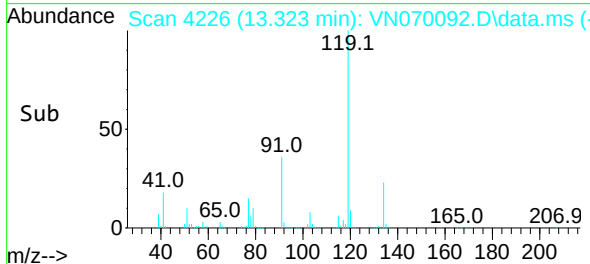
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



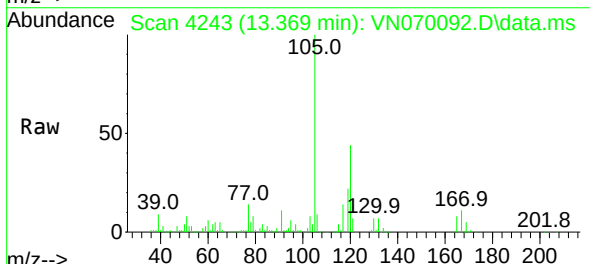
Tgt Ion:119 Resp: 751792
Ion Ratio Lower Upper
119 100
91 69.1 31.5 94.5
134 23.3 12.4 37.4

Manual Integrations
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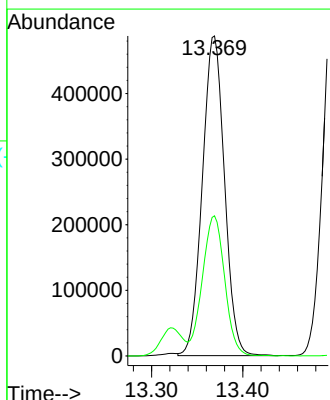
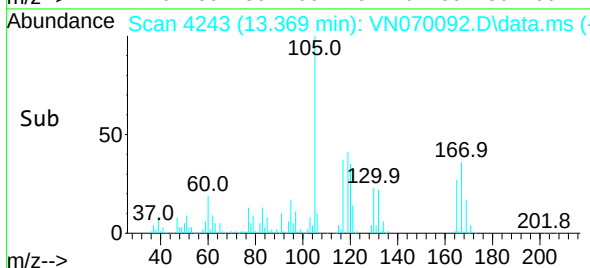
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

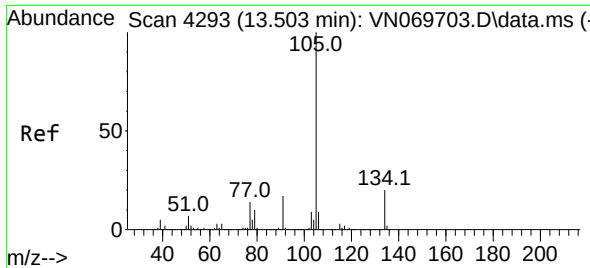


#84
1,2,4-Trimethylbenzene
Concen: 19.948 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46



Tgt Ion:105 Resp: 821656
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





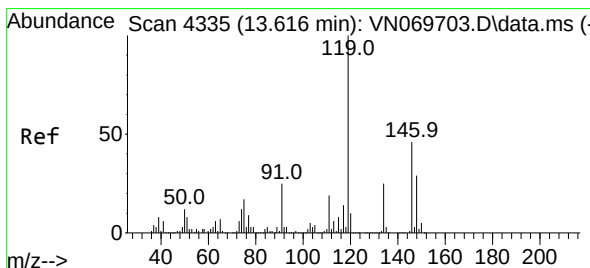
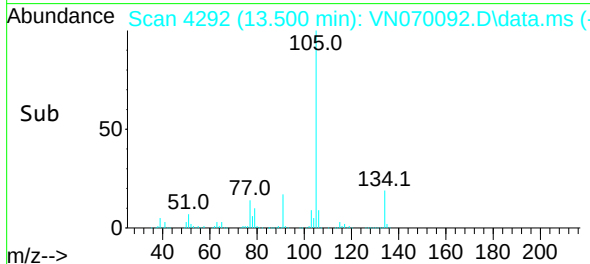
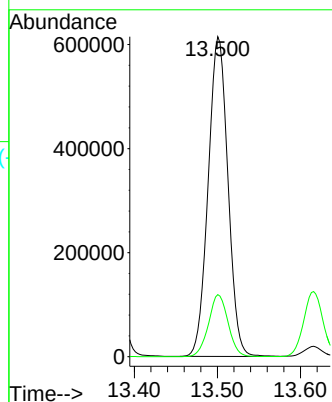
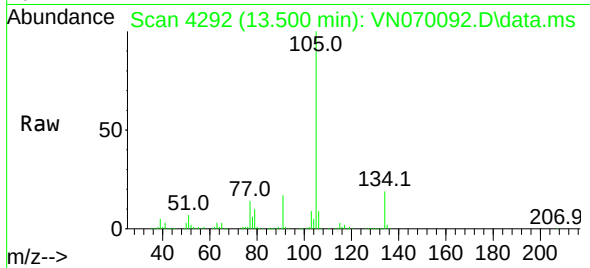
#85
 sec-Butylbenzene
 Concen: 19.508 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070092.D
 Acq: 15 Dec 2021 00:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBSD02

Tgt Ion:105 Resp: 1013390
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

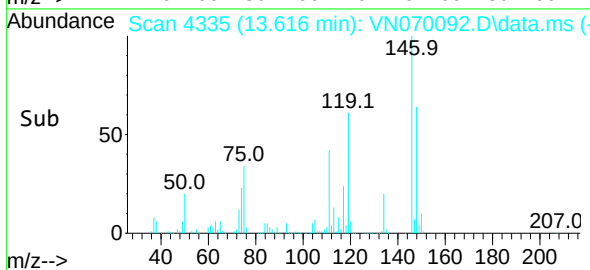
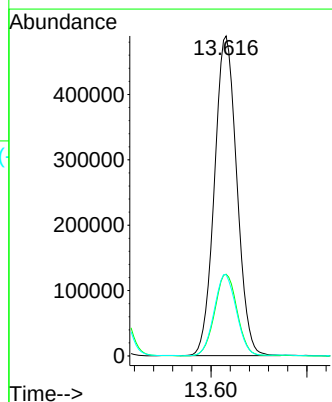
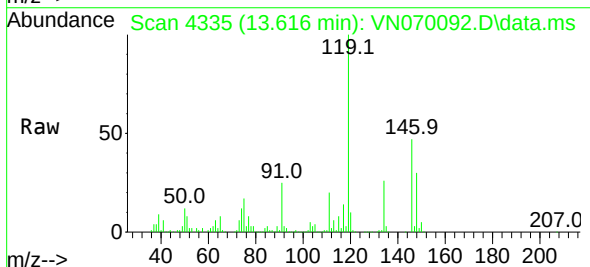
Manual Integrations
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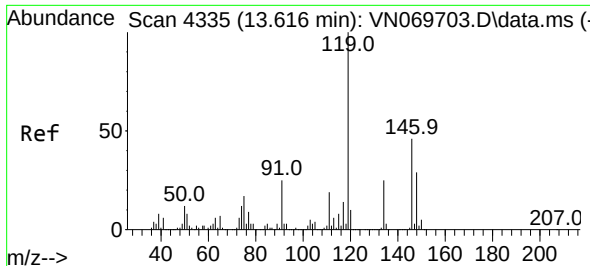
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#86
 p-Isopropyltoluene
 Concen: 19.472 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070092.D
 Acq: 15 Dec 2021 00:46

Tgt Ion:119 Resp: 790640
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 25.3 11.4 34.1





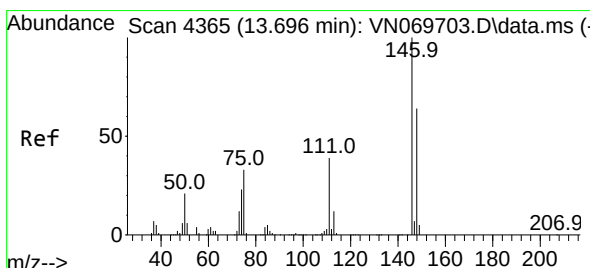
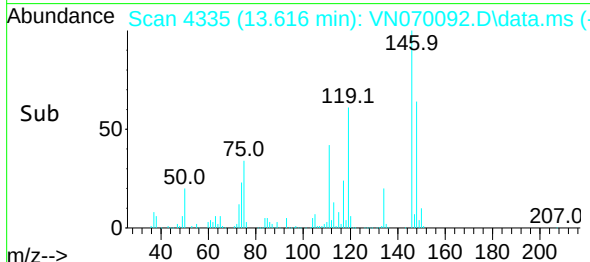
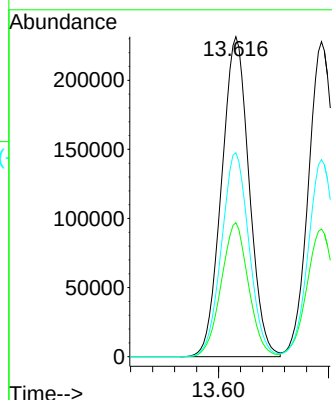
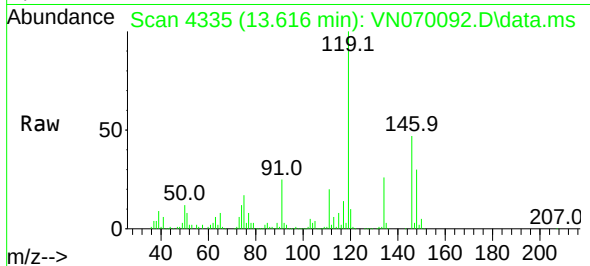
#87
1,3-Dichlorobenzene
Concen: 19.448 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02

Tgt Ion:146 Resp: 40326
Ion Ratio Lower Upper
146 100
111 41.4 18.6 55.6
148 63.8 31.6 95.0

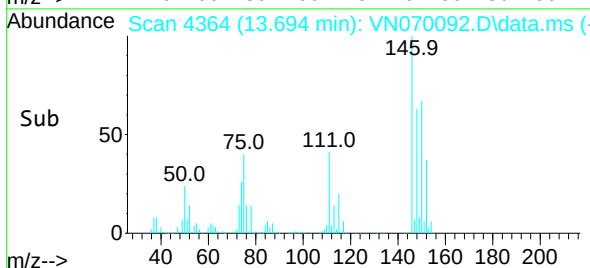
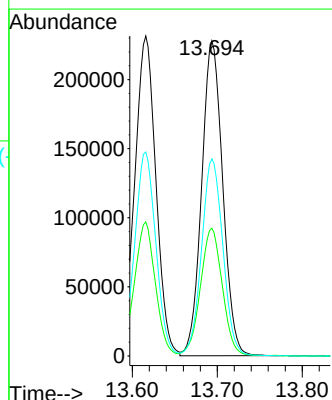
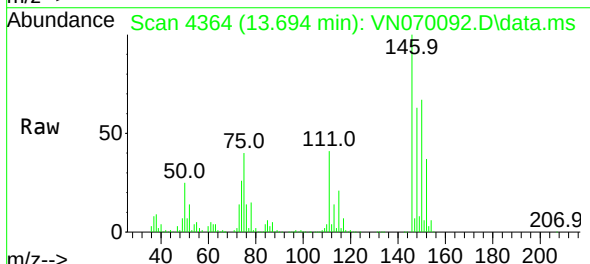
Manual Integrations
APPROVED

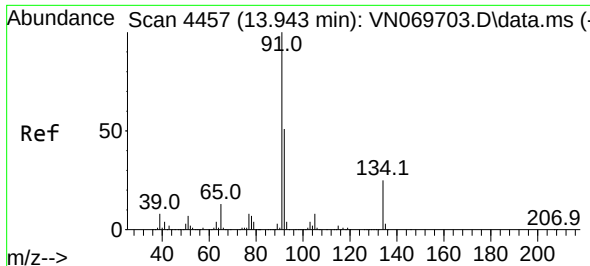
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#88
1,4-Dichlorobenzene
Concen: 19.250 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

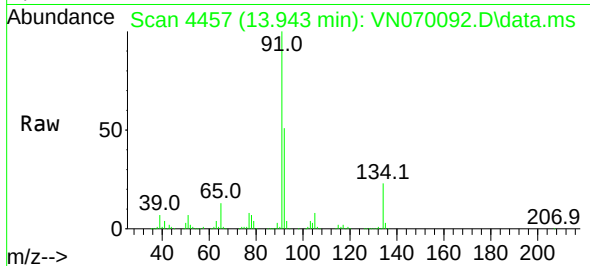
Tgt Ion:146 Resp: 392273
Ion Ratio Lower Upper
146 100
111 42.0 18.3 54.8
148 63.4 31.8 95.4





#89
n-Butylbenzene
Concen: 18.512 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

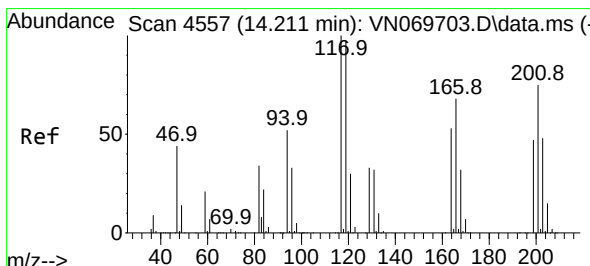
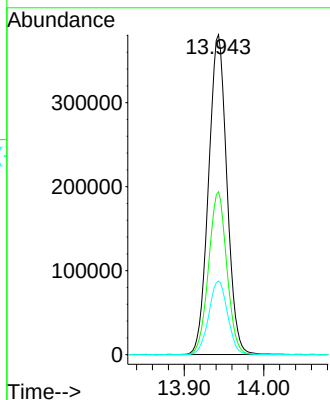
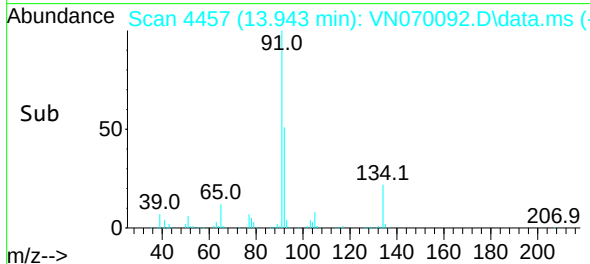
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02



Tgt Ion: 91 Resp: 609738
Ion Ratio Lower Upper
91 100
92 50.8 25.4 76.0
134 23.7 13.6 40.8

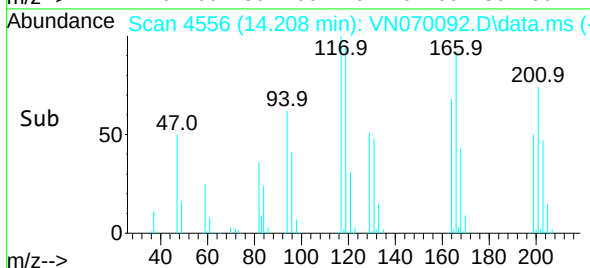
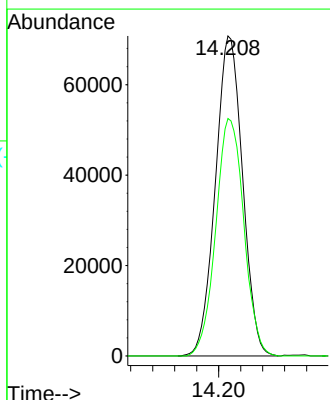
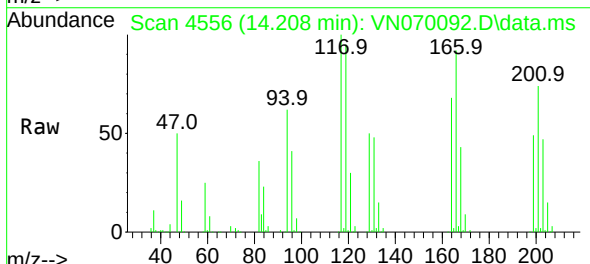
Manual Integrations
APPROVED

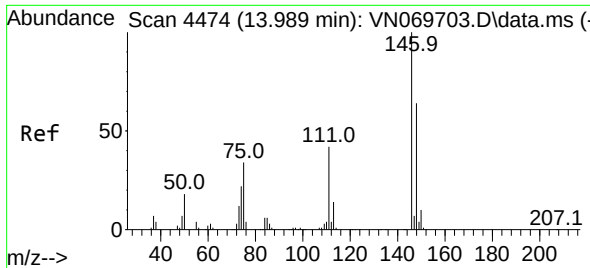
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#90
Hexachloroethane
Concen: 17.041 ug/l
RT: 14.208 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

Tgt Ion:117 Resp: 121485
Ion Ratio Lower Upper
117 100
201 76.6 43.9 131.6





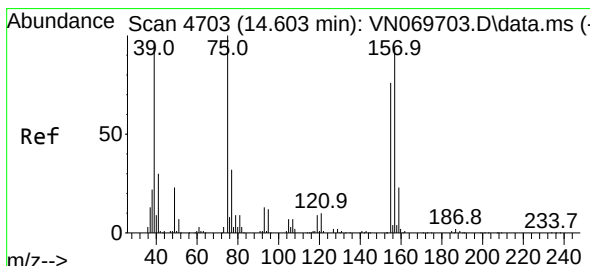
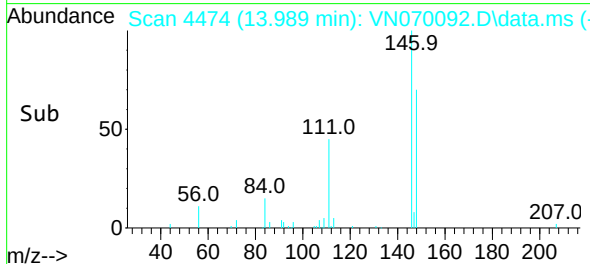
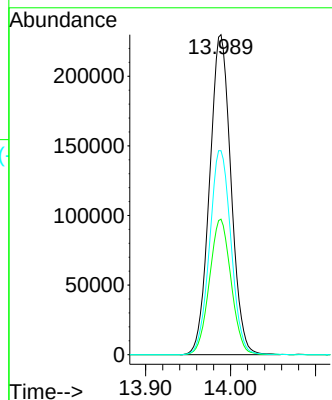
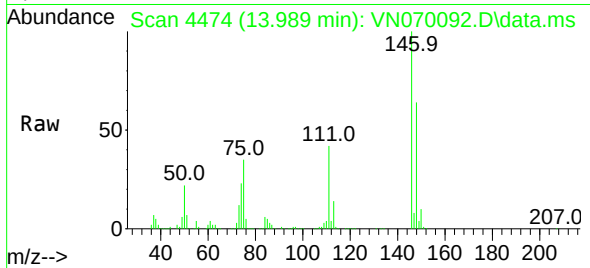
#91
1,2-Dichlorobenzene
Concen: 19.883 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBSD02

Tgt Ion:146 Resp: 40171
Ion Ratio Lower Upper
146 100
111 42.8 19.1 57.3
148 64.1 32.1 96.3

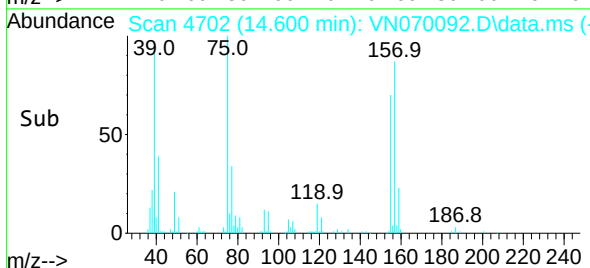
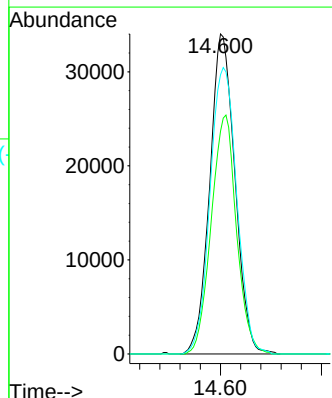
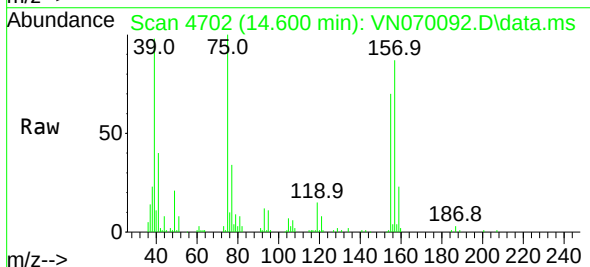
Manual Integrations
APPROVED

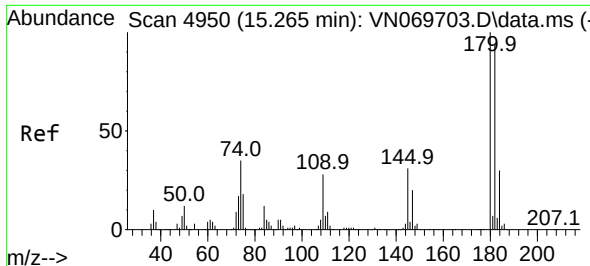
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.560 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

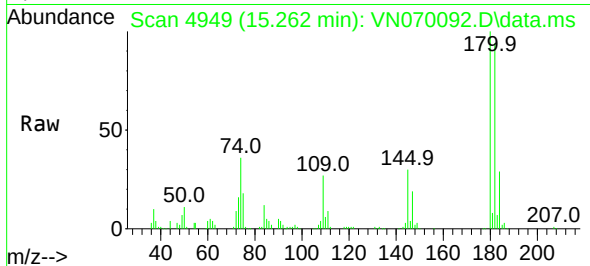
Tgt Ion: 75 Resp: 58962
Ion Ratio Lower Upper
75 100
155 74.6 46.9 140.7
157 94.9 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.470 ug/l
RT: 15.262 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

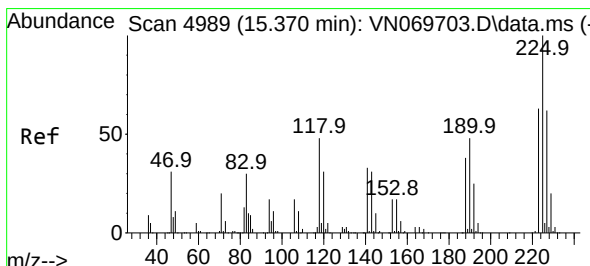
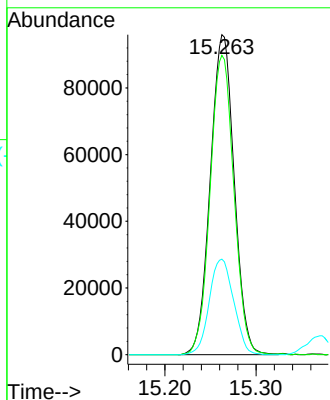
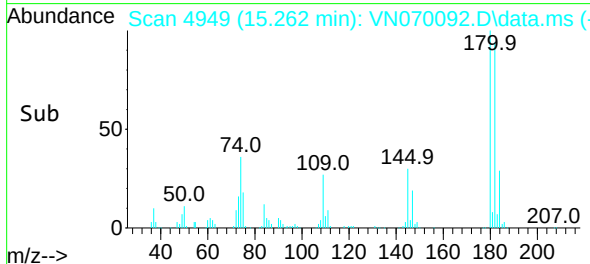
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion:180 Resp: 174450
Ion Ratio Lower Upper
180 100
182 93.2 48.3 144.9
145 30.5 14.5 43.5

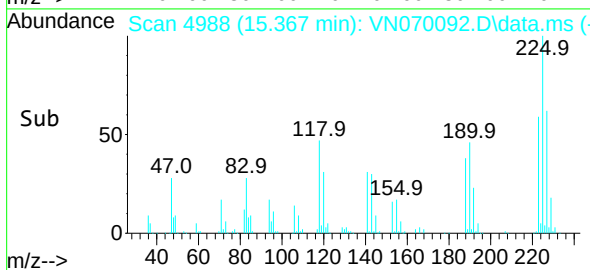
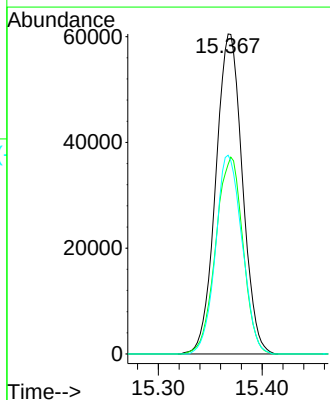
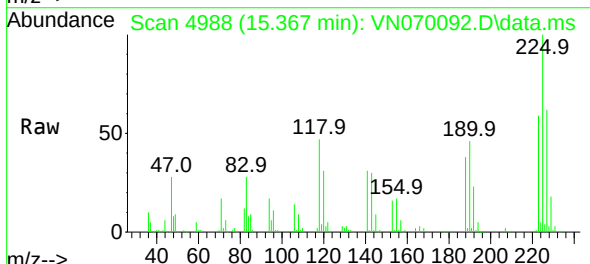
Manual Integrations
APPROVED

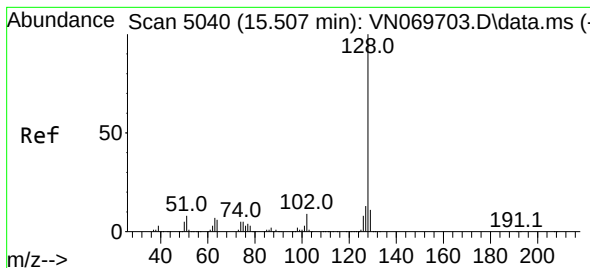
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#94
Hexachlorobutadiene
Concen: 20.150 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN070092.D
Acq: 15 Dec 2021 00:46

Tgt Ion:225 Resp: 107889
Ion Ratio Lower Upper
225 100
223 62.8 31.9 95.7
227 61.8 32.1 96.3





#95

Naphthalene

Concen: 18.950 ug/l

RT: 15.504 min Scan# 5040

Delta R.T. -0.003 min

Lab File: VN070092.D

Acq: 15 Dec 2021 00:46

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBSD02

Tgt Ion:128 Resp: 47995

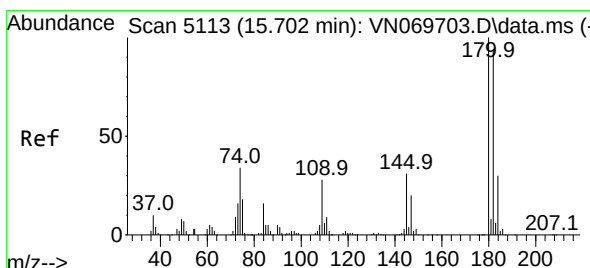
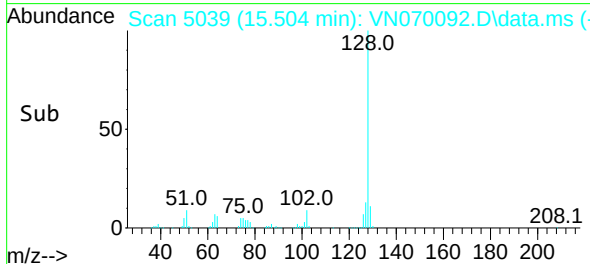
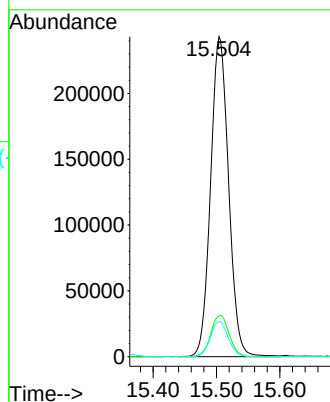
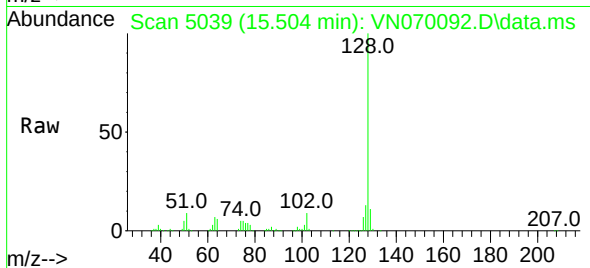
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#96

1,2,3-Trichlorobenzene

Concen: 19.803 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. -0.002 min

Lab File: VN070092.D

Acq: 15 Dec 2021 00:46

Tgt Ion:180 Resp: 176313

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.4	142.2
145	32.5	15.0	45.1

