

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
 Data File : VN070572.D
 Acq On : 11 Jan 2022 16:35
 Operator : JC/MD
 Sample : VN0111MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 06:01:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	950423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1540310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1414585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	635820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	639977	46.832	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.660%		
35) Dibromofluoromethane	8.019	113	478440	51.337	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.680%		
50) Toluene-d8	10.438	98	1941162	50.987	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.980%		
62) 4-Bromofluorobenzene	12.728	95	714878	51.988	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	179497	16.654	ug/l	99
3) Chloromethane	2.303	50	257714	17.577	ug/l	98
4) Vinyl Chloride	2.451	62	232018	17.381	ug/l	100
5) Bromomethane	2.869	94	139752	20.284	ug/l	99
6) Chloroethane	3.028	64	151083	18.794	ug/l	99
7) Trichlorofluoromethane	3.384	101	296688	18.465	ug/l	94
8) Diethyl Ether	3.827	74	139892	19.751	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.218	101	195480m	19.892	ug/l	
10) Methyl Iodide	4.422	142	243969	18.344	ug/l	97
11) Tert butyl alcohol	5.364	59	170849	75.087	ug/l	100
12) 1,1-Dichloroethene	4.183	96	177966	18.386	ug/l	93
13) Acrolein	4.041	56	110558	59.885	ug/l	98
14) Allyl chloride	4.841	41	416498	18.978	ug/l	85
15) Acrylonitrile	5.554	53	693393	97.657	ug/l	98
16) Acetone	4.285	43	777359	87.630	ug/l	98
17) Carbon Disulfide	4.532	76	421020	15.934	ug/l	97
18) Methyl Acetate	4.854	43	473941	18.470	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	711226	19.785	ug/l	94
20) Methylene Chloride	5.093	84	227908	18.569	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	193229	18.854	ug/l	87
22) Diisopropyl ether	6.493	45	891332	20.852	ug/l #	90
23) Vinyl Acetate	6.431	43	3246574	97.892	ug/l	94
24) 1,1-Dichloroethane	6.385	63	427531	19.289	ug/l	98
25) 2-Butanone	7.332	43	1026032	91.860	ug/l	92
26) 2,2-Dichloropropane	7.324	77	313232	17.914	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	236354	19.327	ug/l	87
28) Bromochloromethane	7.657	49	230743	21.288	ug/l #	77
29) Tetrahydrofuran	7.681	42	632339	94.887	ug/l	87
30) Chloroform	7.815	83	404419	18.914	ug/l	99
31) Cyclohexane	8.094	56	424625	19.691	ug/l	88
32) 1,1,1-Trichloroethane	8.011	97	320353	17.769	ug/l	97
36) 1,1-Dichloropropene	8.220	75	297484	19.296	ug/l	97
37) Ethyl Acetate	7.410	43	389337	19.483	ug/l	96
38) Carbon Tetrachloride	8.204	117	253007	17.186	ug/l	98
39) Methylcyclohexane	9.456	83	375987	20.144	ug/l #	87
40) Benzene	8.459	78	938311	19.852	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
 Data File : VN070572.D
 Acq On : 11 Jan 2022 16:35
 Operator : JC/MD
 Sample : VN0111MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 06:01:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	197355	19.744	ug/l	90
42) 1,2-Dichloroethane	8.528	62	322225	18.137	ug/l	100
43) Isopropyl Acetate	8.558	43	602214	19.114	ug/l #	95
44) Trichloroethene	9.215	130	214394	19.090	ug/l	91
45) 1,2-Dichloropropane	9.486	63	261723	20.566	ug/l	100
46) Dibromomethane	9.574	93	147713	18.666	ug/l	94
47) Bromodichloromethane	9.759	83	288439	18.357	ug/l	98
48) Methyl methacrylate	9.555	41	273659	18.209	ug/l #	85
49) 1,4-Dioxane	9.566	88	79106	359.588	ug/l #	85
51) 4-Methyl-2-Pentanone	10.328	43	1945157	98.251	ug/l	98
52) Toluene	10.502	92	570914	19.955	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	318565	18.728	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	367721	19.984	ug/l	98
55) 1,1,2-Trichloroethane	10.894	97	227160	20.068	ug/l	97
56) Ethyl methacrylate	10.757	69	375501	20.076	ug/l	88
57) 1,3-Dichloropropane	11.041	76	403054	20.131	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	459546	107.579	ug/l	90
59) 2-Hexanone	11.081	43	1418394	98.244	ug/l	96
60) Dibromochloromethane	11.234	129	201393	18.235	ug/l	98
61) 1,2-Dibromoethane	11.342	107	220275	19.165	ug/l	99
64) Tetrachloroethene	10.974	164	198171	19.346	ug/l	96
65) Chlorobenzene	11.768	112	591217	19.698	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.838	131	203346	18.978	ug/l	97
67) Ethyl Benzene	11.840	91	1119359	20.354	ug/l	95
68) m/p-Xylenes	11.950	106	828952	41.411	ug/l	92
69) o-Xylene	12.278	106	417189	20.953	ug/l	92
70) Styrene	12.291	104	676334	21.462	ug/l	97
71) Bromoform	12.455	173	154291	19.402	ug/l #	89
73) Isopropylbenzene	12.575	105	1082374	18.331	ug/l	100
74) N-amyl acetate	12.385	43	426846	17.193	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	349287	17.127	ug/l	98
76) 1,2,3-Trichloropropane	12.876	75	320838m	18.847	ug/l	
77) Bromobenzene	12.857	156	243429	17.958	ug/l	77
78) n-propylbenzene	12.919	91	1263853	19.319	ug/l	96
79) 2-Chlorotoluene	13.004	91	773043	18.416	ug/l	93
80) 1,3,5-Trimethylbenzene	13.055	105	893245	18.878	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	85752	16.478	ug/l	97
82) 4-Chlorotoluene	13.101	91	719720	18.304	ug/l	92
83) tert-Butylbenzene	13.321	119	794878	19.079	ug/l	96
84) 1,2,4-Trimethylbenzene	13.367	105	872758	19.155	ug/l	98
85) sec-Butylbenzene	13.498	105	1132150	20.015	ug/l	98
86) p-Isopropyltoluene	13.613	119	907785	20.430	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	432943	19.078	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	418363	18.690	ug/l	97
89) n-Butylbenzene	13.940	91	753349	20.327	ug/l	97
90) Hexachloroethane	14.206	117	129601	16.789	ug/l	86
91) 1,2-Dichlorobenzene	13.986	146	416394	18.717	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	55517	16.231	ug/l	92
93) 1,2,4-Trichlorobenzene	15.260	180	215744	20.582	ug/l	97
94) Hexachlorobutadiene	15.367	225	138387	22.716	ug/l	99
95) Naphthalene	15.501	128	568976	20.731	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	210692	21.493	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
Data File : VN070572.D
Acq On : 11 Jan 2022 16:35
Operator : JC/MD
Sample : VN0111MBSD01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 06:01:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

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

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

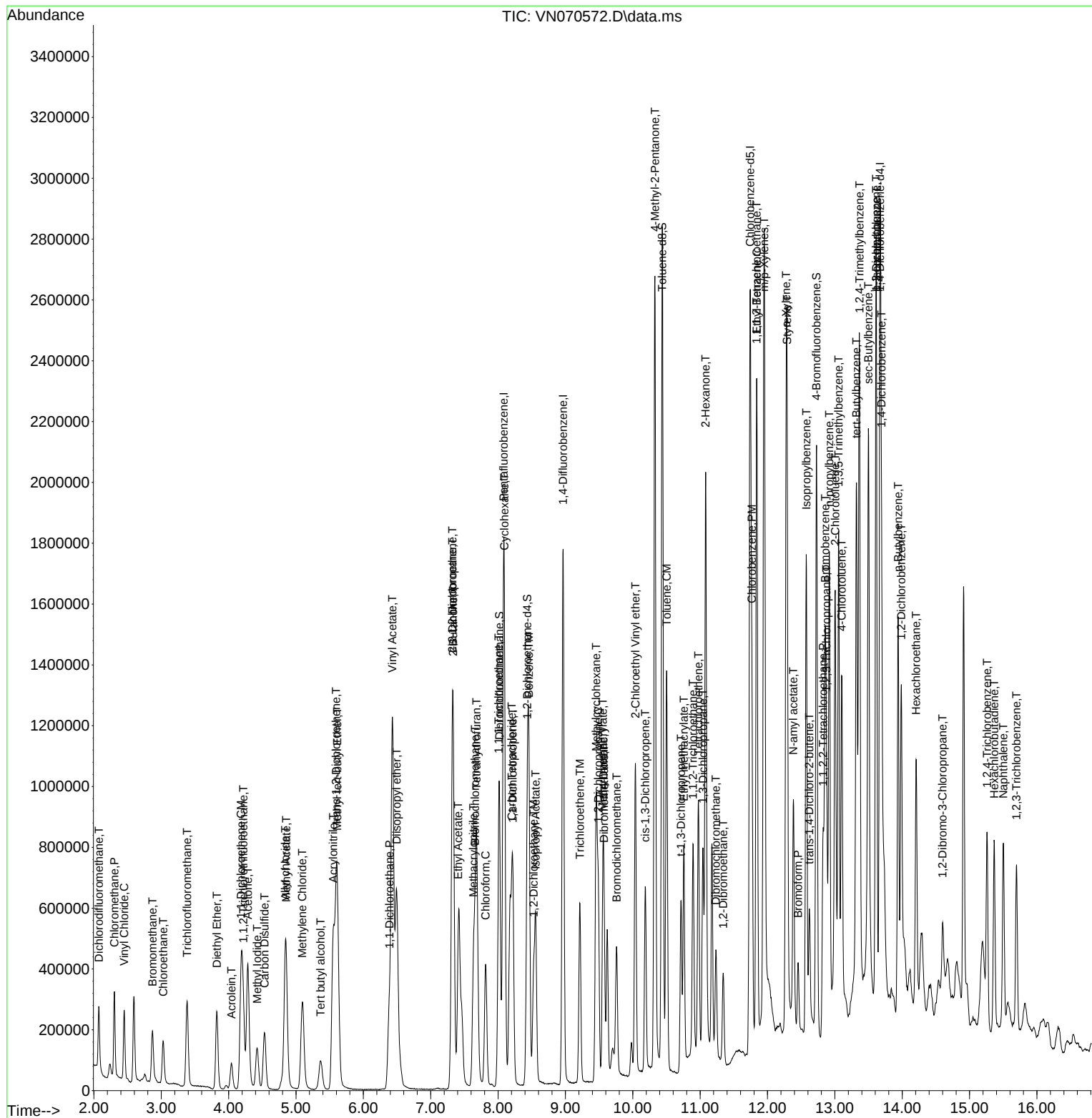
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
 Data File : VN070572.D
 Acq On : 11 Jan 2022 16:35
 Operator : JC/MD
 Sample : VN0111MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

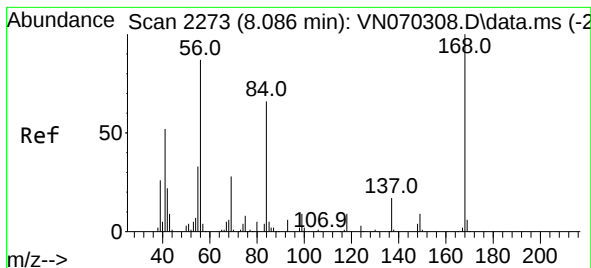
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111MBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 06:01:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.083 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBSD01

Tgt Ion:168 Resp: 95042

Ion Ratio Lower Upper

168 100

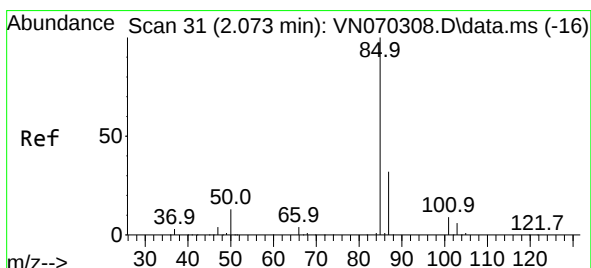
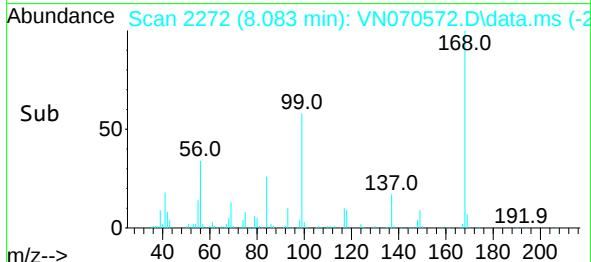
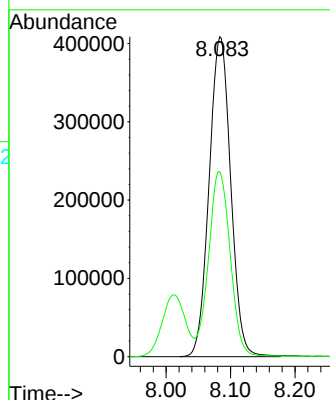
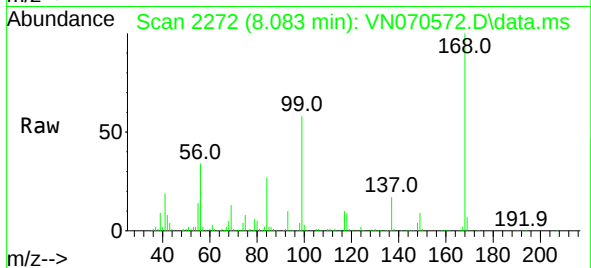
99 57.7 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#2

Dichlorodifluoromethane

Concen: 16.654 ug/l

RT: 2.073 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070572.D

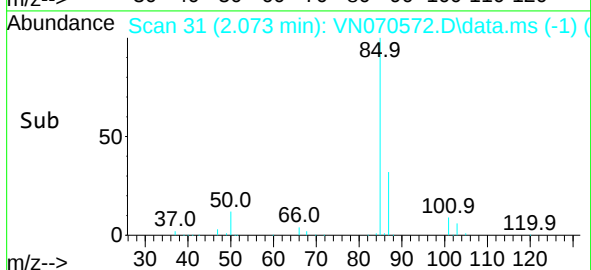
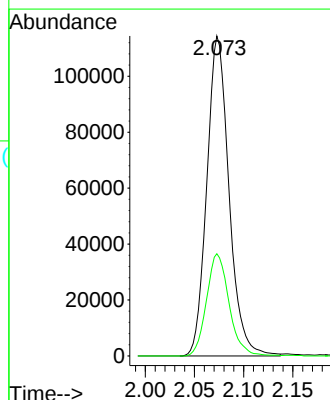
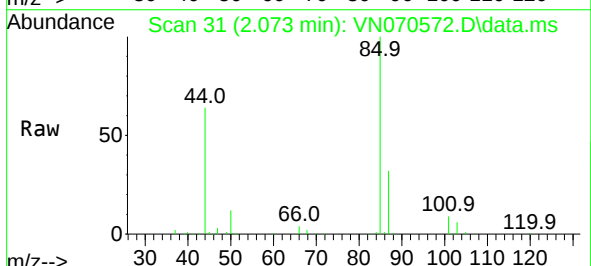
Acq: 11 Jan 2022 16:35

Tgt Ion: 85 Resp: 179497

Ion Ratio Lower Upper

85 100

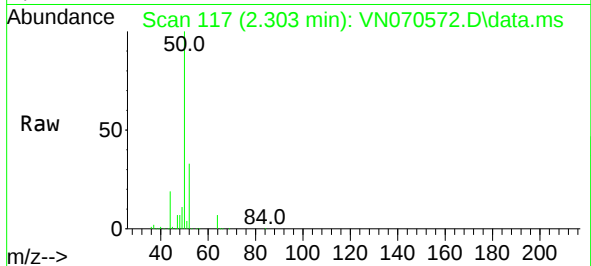
87 32.0 16.3 48.9





#3
Chloromethane
Concen: 17.577 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

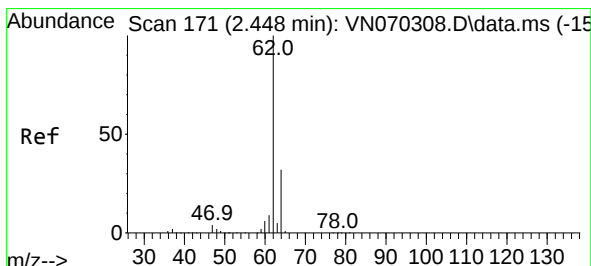
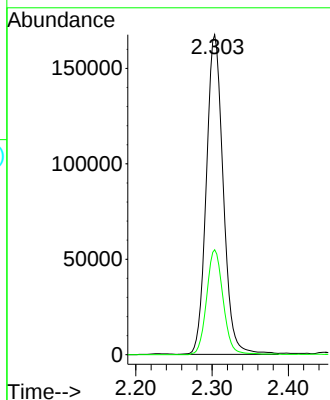
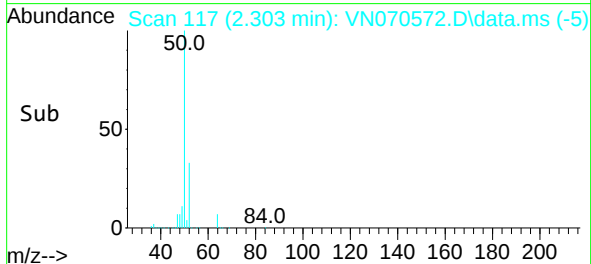
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



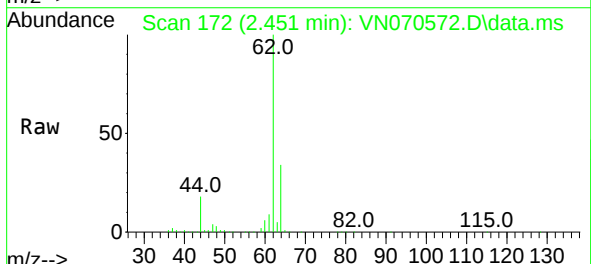
Tgt Ion: 50 Resp: 257714
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.0

Manual Integrations
APPROVED

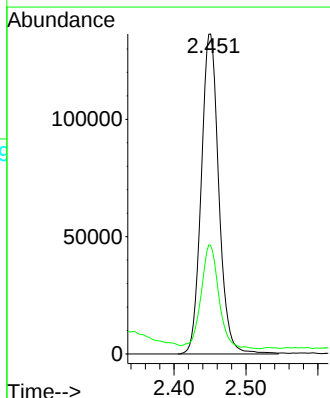
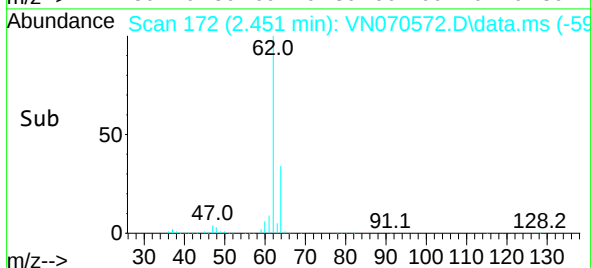
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

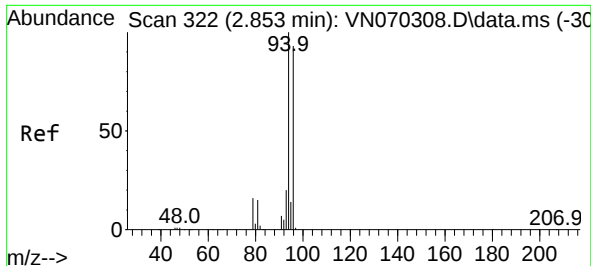


#4
Vinyl Chloride
Concen: 17.381 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35



Tgt Ion: 62 Resp: 232018
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.6





#5

Bromomethane

Concen: 20.284 ug/l

RT: 2.869 min Scan# 31

Delta R.T. 0.016 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBSD01

Tgt Ion: 94 Resp: 139752

Ion Ratio Lower Upper

94 100

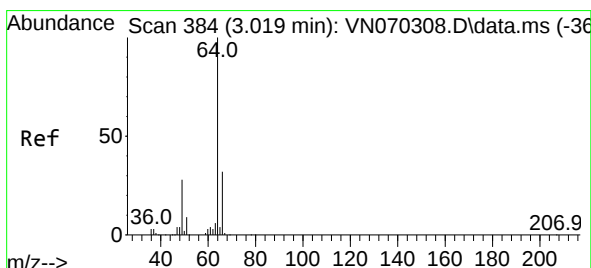
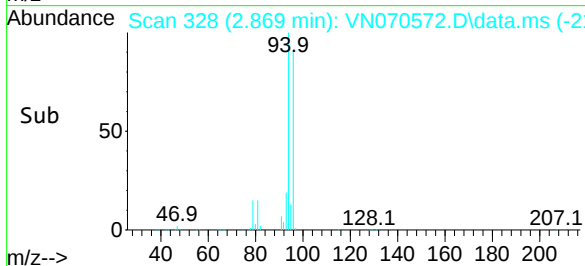
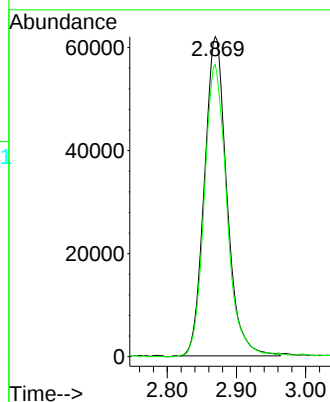
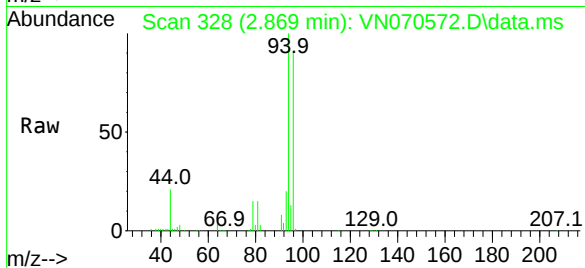
96 91.1 73.8 110.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#6

Chloroethane

Concen: 18.794 ug/l

RT: 3.028 min Scan# 387

Delta R.T. 0.009 min

Lab File: VN070572.D

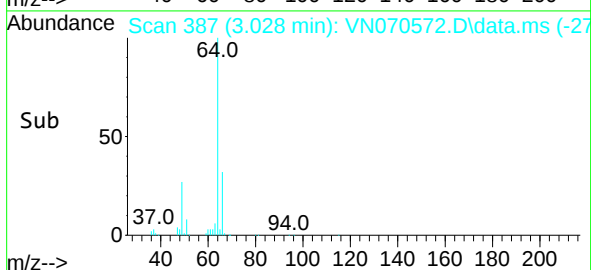
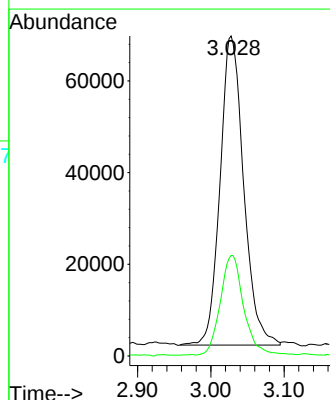
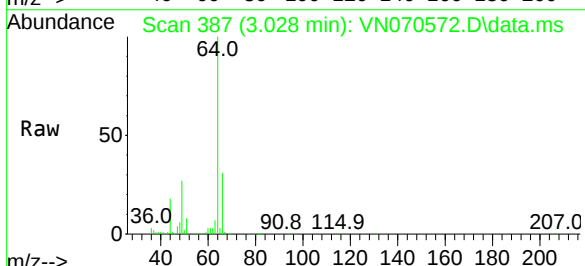
Acq: 11 Jan 2022 16:35

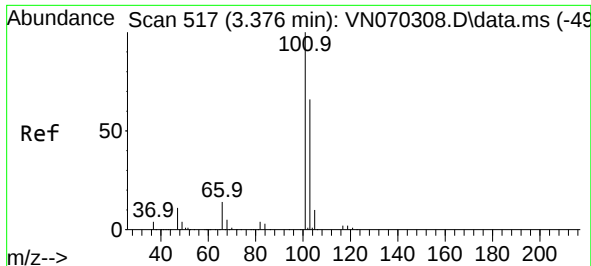
Tgt Ion: 64 Resp: 151083

Ion Ratio Lower Upper

64 100

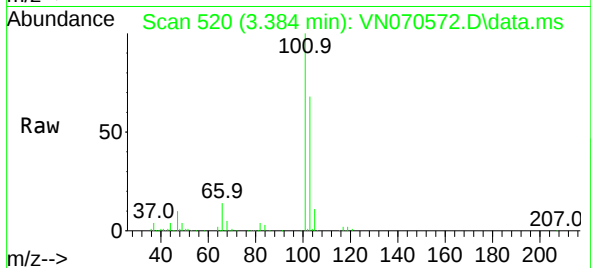
66 32.2 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 18.465 ug/l
 RT: 3.384 min Scan# 517
 Delta R.T. 0.008 min
 Lab File: VN070572.D
 Acq: 11 Jan 2022 16:35

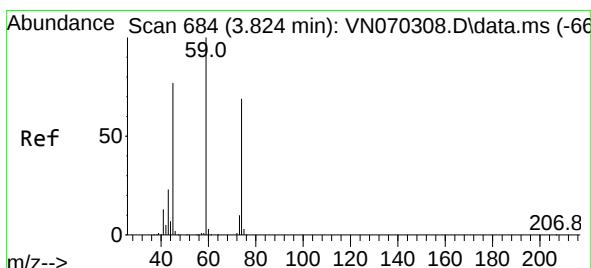
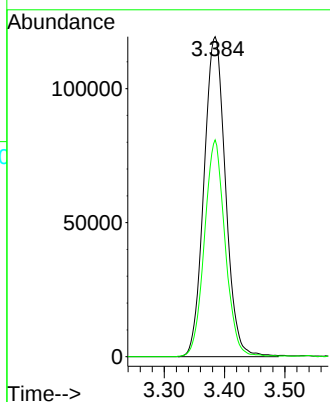
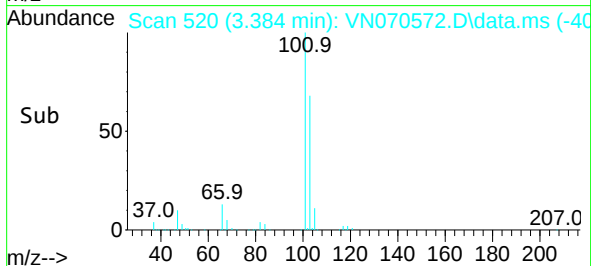
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111MBSD01



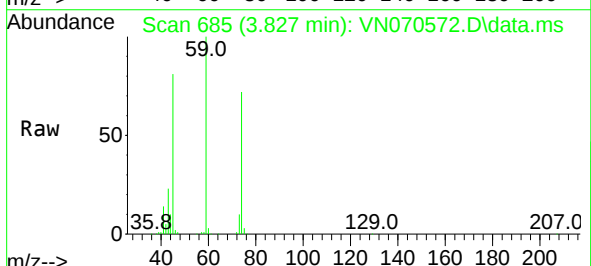
Tgt Ion:101 Resp: 296688
 Ion Ratio Lower Upper
 101 100
 103 67.6 50.1 75.1

Manual Integrations
 APPROVED

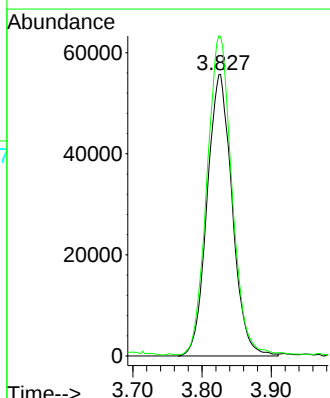
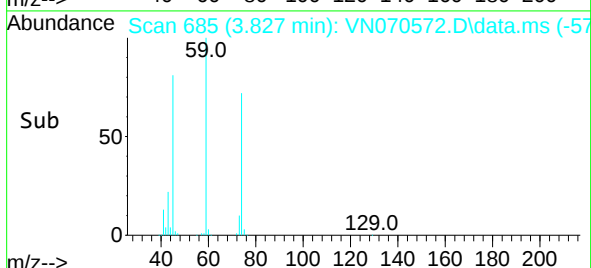
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

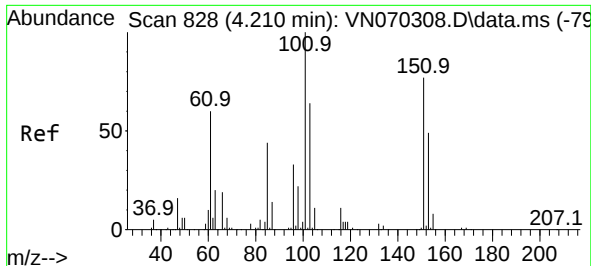


#8
 Diethyl Ether
 Concen: 19.751 ug/l
 RT: 3.827 min Scan# 685
 Delta R.T. 0.003 min
 Lab File: VN070572.D
 Acq: 11 Jan 2022 16:35



Tgt Ion: 74 Resp: 139892
 Ion Ratio Lower Upper
 74 100
 45 112.1 47.0 141.2





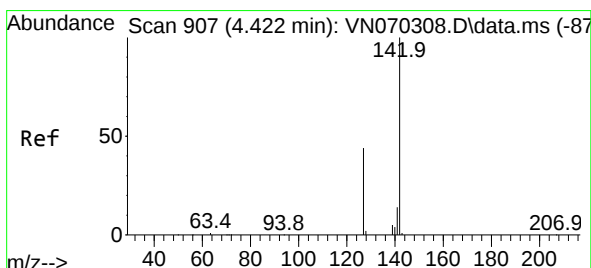
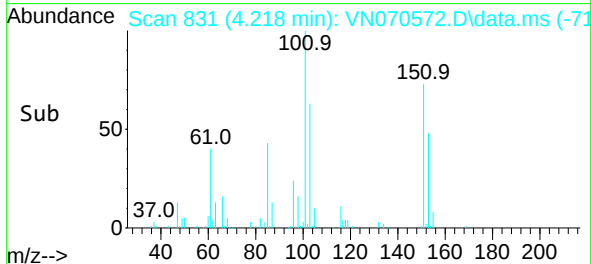
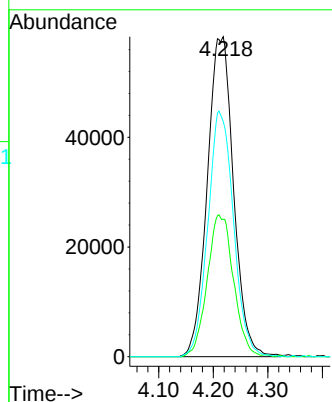
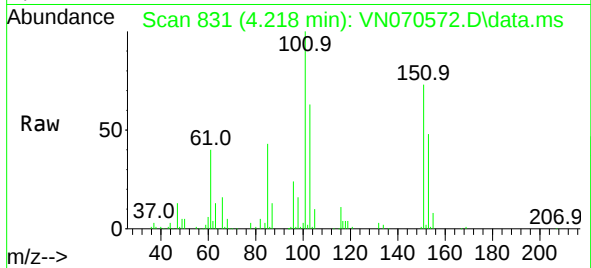
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.892 ug/l m
RT: 4.218 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion:101 Resp: 195480
Ion Ratio Lower Upper
101 100
85 44.1 37.2 55.8
151 75.0 65.9 98.9

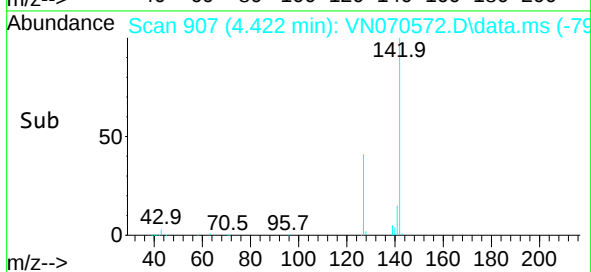
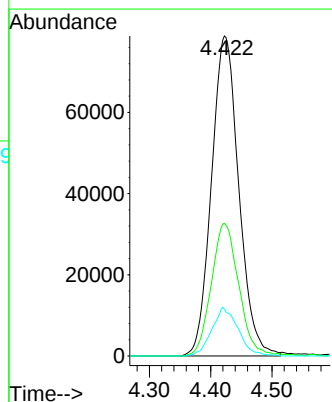
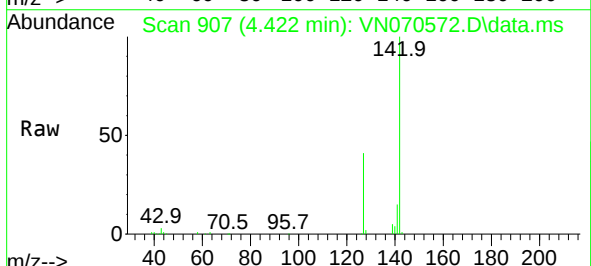
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#10
Methyl Iodide
Concen: 18.344 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

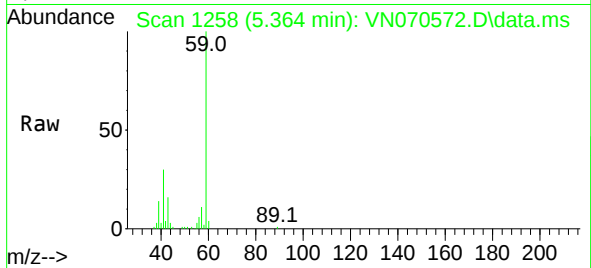
Tgt Ion:142 Resp: 243969
Ion Ratio Lower Upper
142 100
127 41.4 35.4 53.0
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 75.087 ug/l
RT: 5.364 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

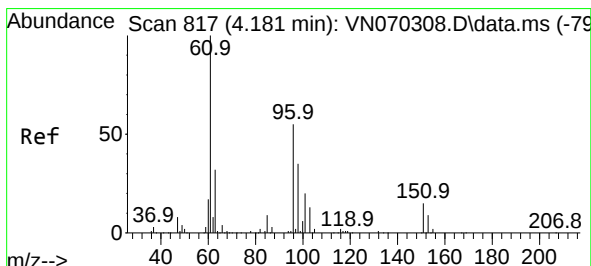
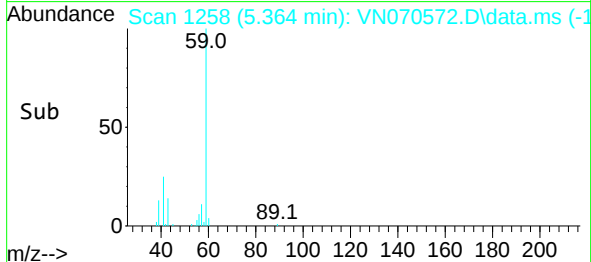
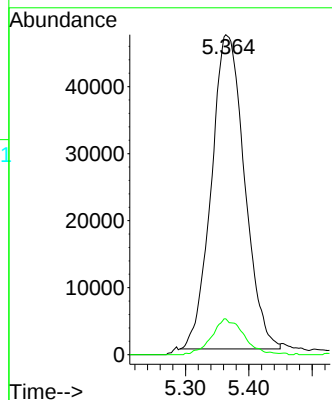
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion: 59 Resp: 170849
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

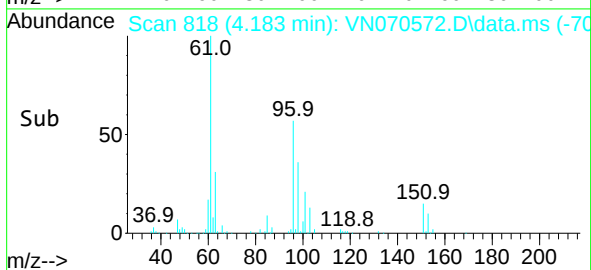
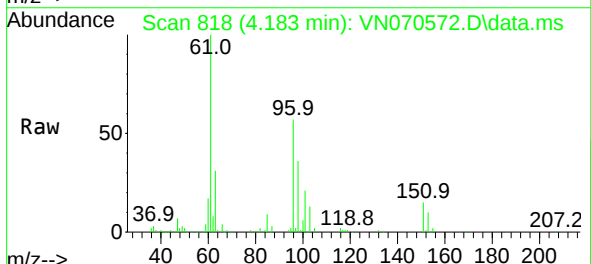
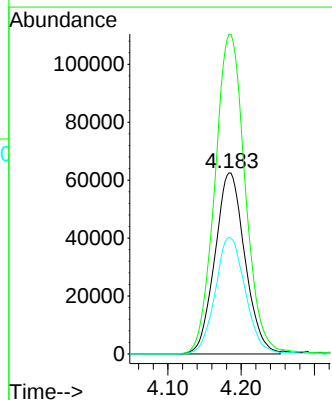
Manual Integrations
APPROVED

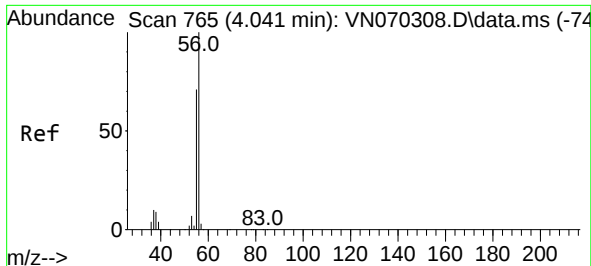
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#12
1,1-Dichloroethene
Concen: 18.386 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.002 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Tgt Ion: 96 Resp: 177966
Ion Ratio Lower Upper
96 100
61 176.4 131.0 196.6
98 64.3 52.4 78.6





#13

Acrolein

Concen: 59.885 ug/l

RT: 4.041 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBSD01

Tgt Ion: 56 Resp: 110558

Ion Ratio Lower Upper

56 100

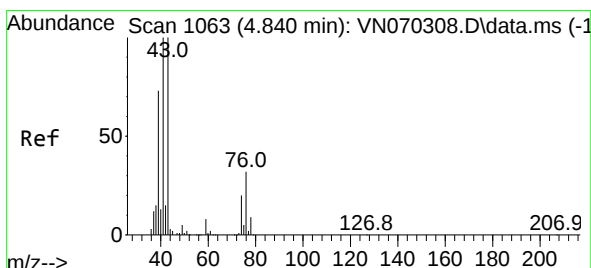
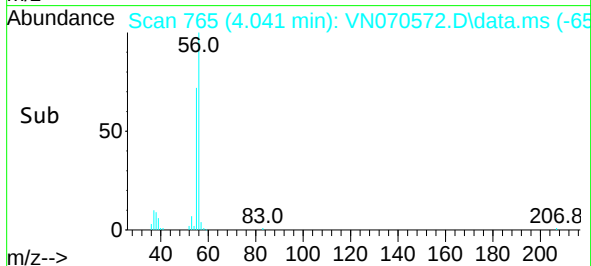
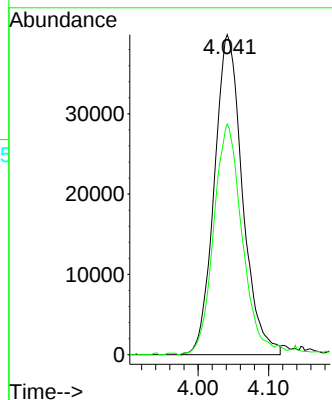
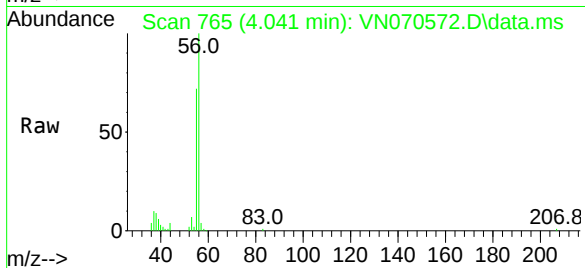
55 72.4 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#14

Allyl chloride

Concen: 18.978 ug/l

RT: 4.841 min Scan# 1063

Delta R.T. 0.001 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

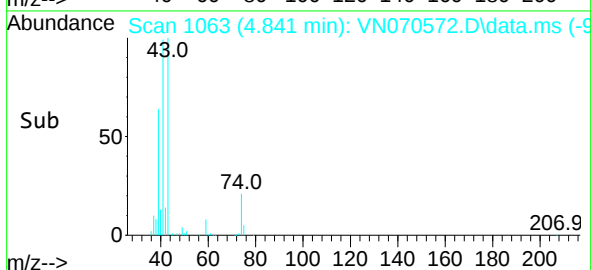
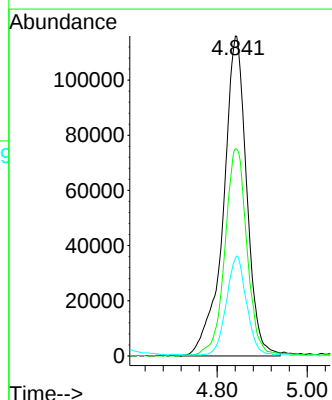
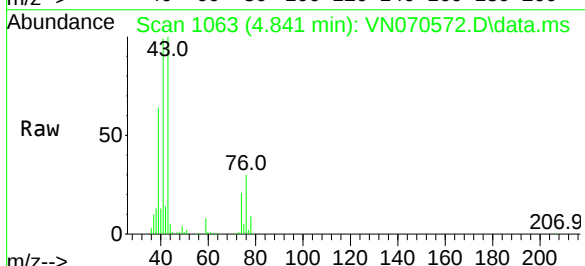
Tgt Ion: 41 Resp: 416498

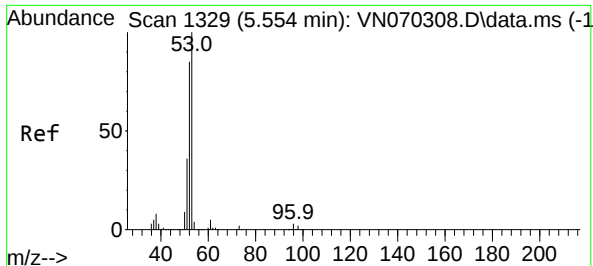
Ion Ratio Lower Upper

41 100

39 61.6 61.2 91.8

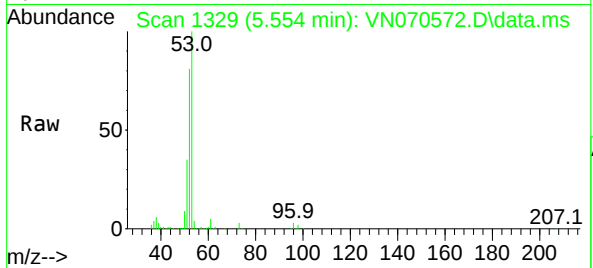
76 26.5 26.0 39.0





#15
Acrylonitrile
Concen: 97.657 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

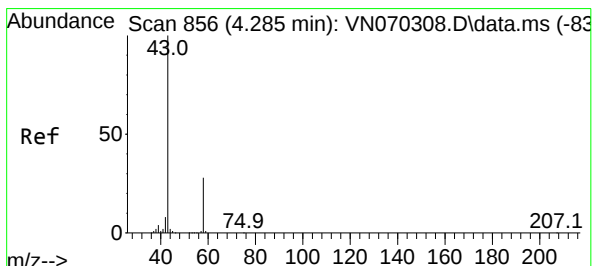
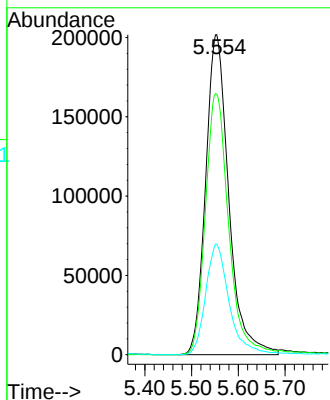
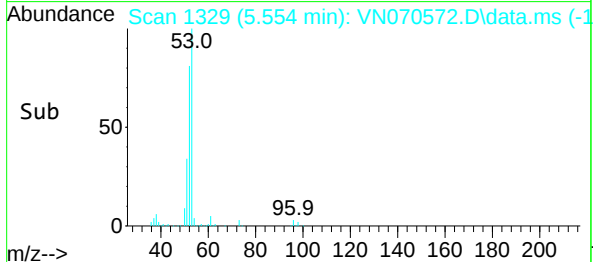
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion: 53 Resp: 69339
Ion Ratio Lower Upper
53 100
52 81.8 66.2 99.2
51 35.2 29.6 44.4

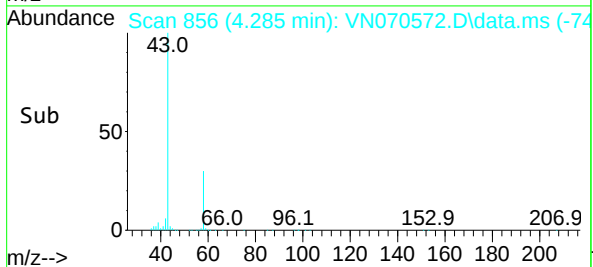
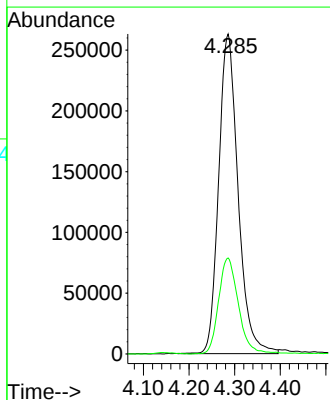
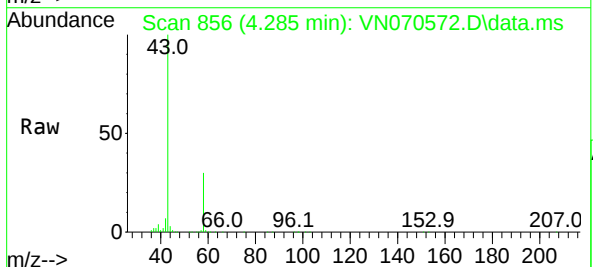
Manual Integrations
APPROVED

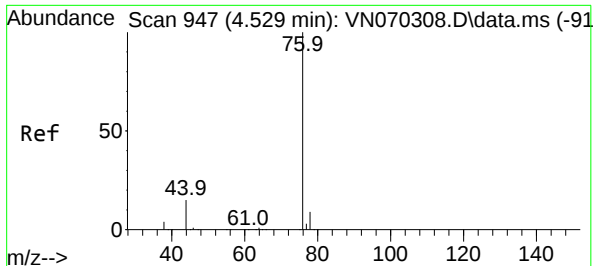
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#16
Acetone
Concen: 87.630 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

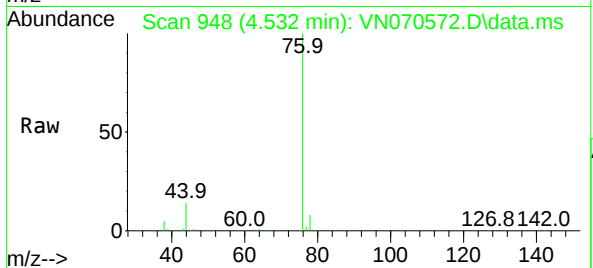
Tgt Ion: 43 Resp: 777359
Ion Ratio Lower Upper
43 100
58 29.8 23.1 34.7





#17
Carbon Disulfide
Concen: 15.934 ug/l
RT: 4.532 min Scan# 947
Delta R.T. 0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

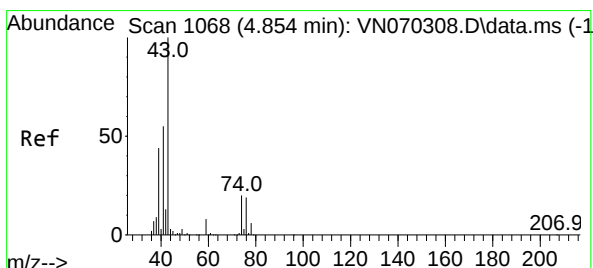
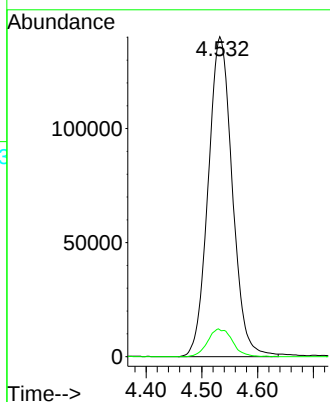
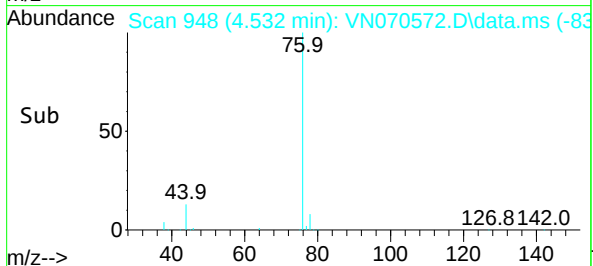
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



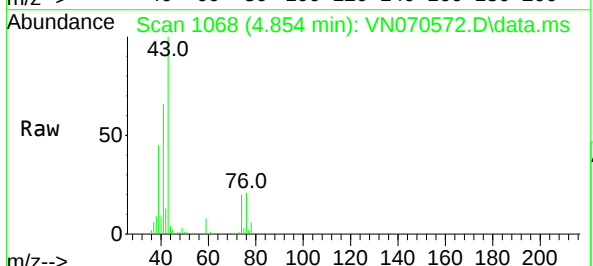
Tgt Ion: 76 Resp: 421020
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3

Manual Integrations
APPROVED

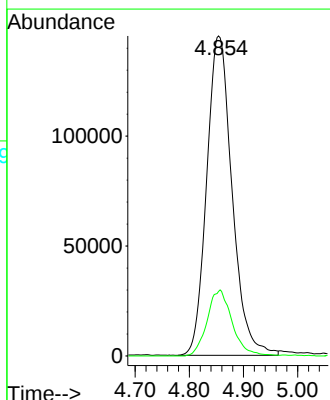
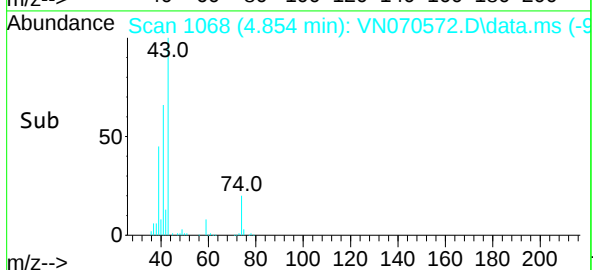
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

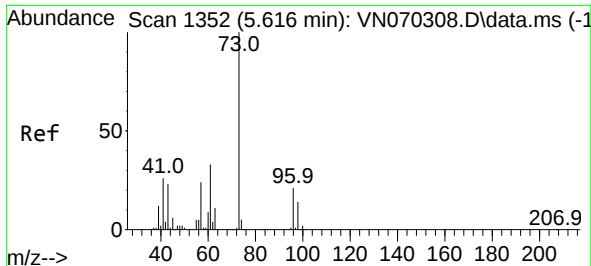


#18
Methyl Acetate
Concen: 18.470 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35



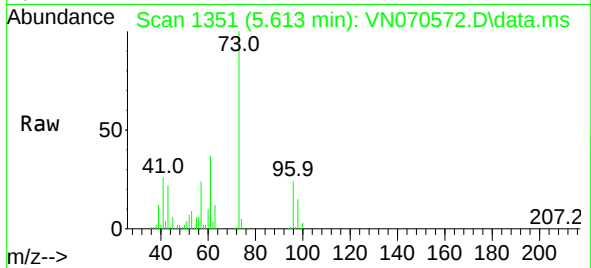
Tgt Ion: 43 Resp: 473941
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 19.785 ug/l
RT: 5.613 min Scan# 1152
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

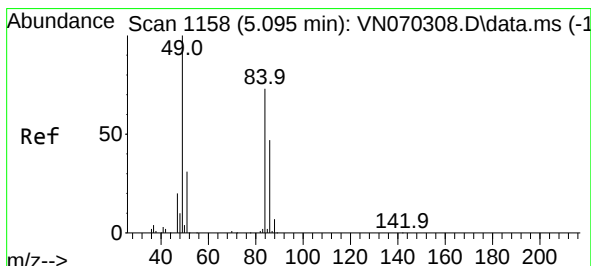
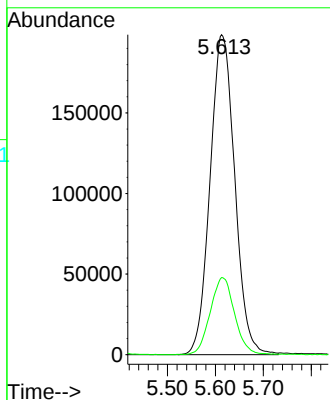
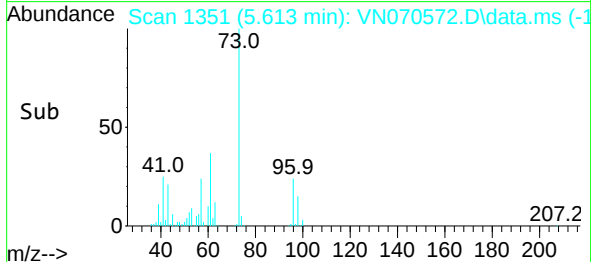
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion: 73 Resp: 711220
Ion Ratio Lower Upper
73 100
57 24.0 16.8 25.2

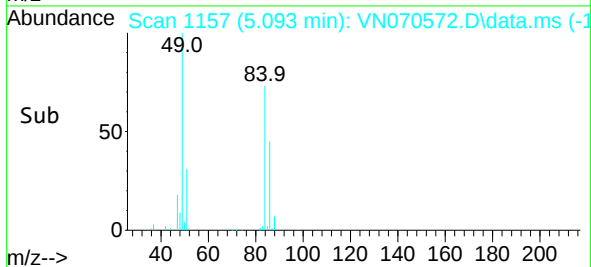
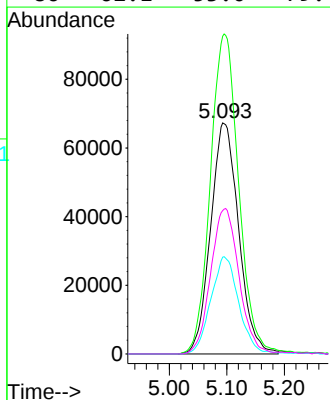
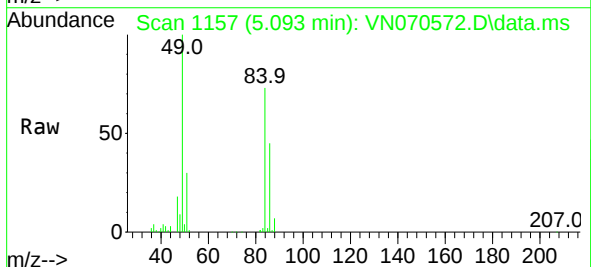
Manual Integrations
APPROVED

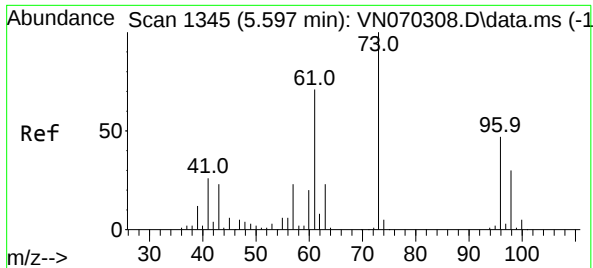
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#20
Methylene Chloride
Concen: 18.569 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Tgt Ion: 84 Resp: 227908
Ion Ratio Lower Upper
84 100
49 137.5 93.5 140.3
51 41.9 29.4 44.2
86 62.1 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 18.854 ug/l

RT: 5.597 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBSD01

Tgt Ion: 96 Resp: 193229

Ion Ratio Lower Upper

96 100

61 154.3 105.8 158.6

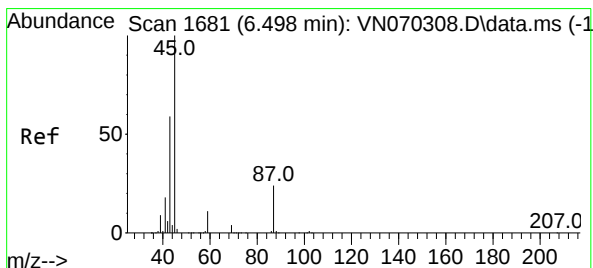
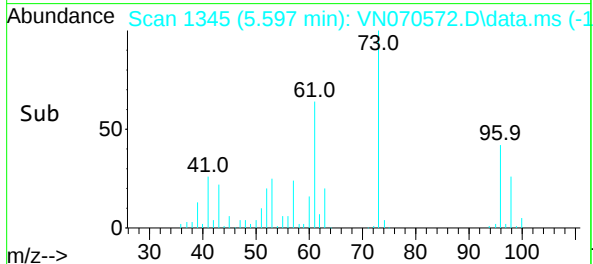
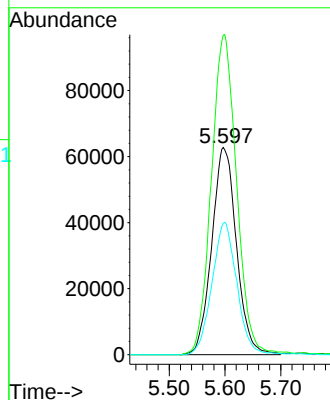
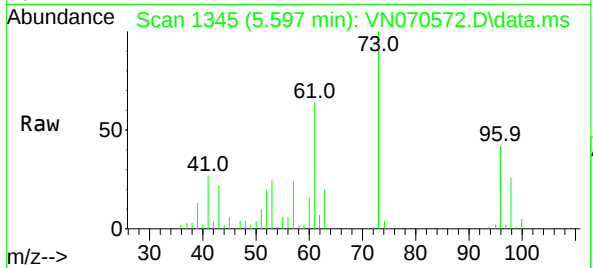
98 63.5 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#22

Diisopropyl ether

Concen: 20.852 ug/l

RT: 6.493 min Scan# 1679

Delta R.T. -0.005 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Tgt Ion: 45 Resp: 891332

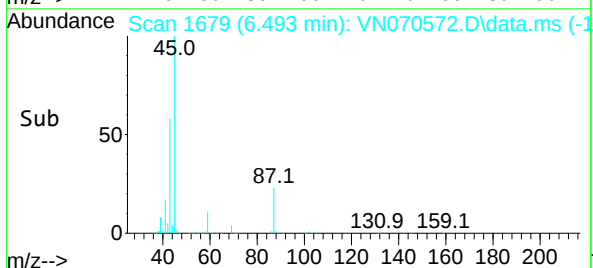
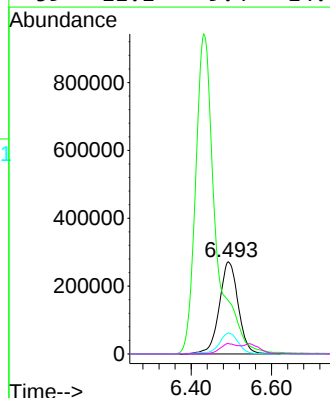
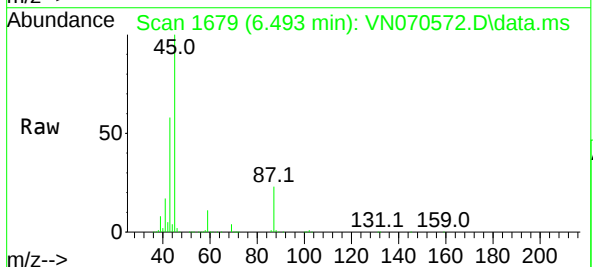
Ion Ratio Lower Upper

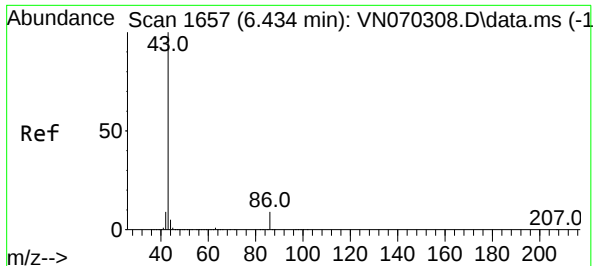
45 100

43 56.2 51.7 77.5

87 22.6 23.2 34.8#

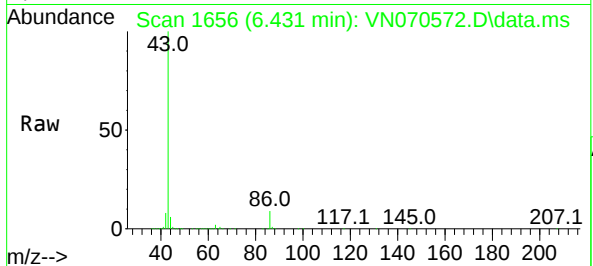
59 11.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 97.892 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.003 min
 Lab File: VN070572.D
 Acq: 11 Jan 2022 16:35

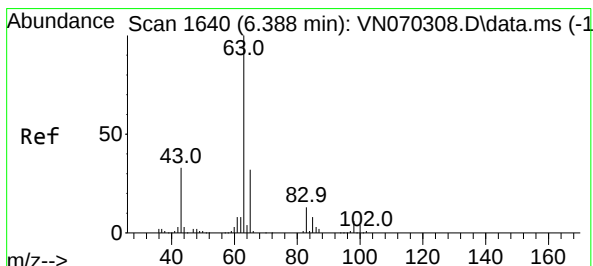
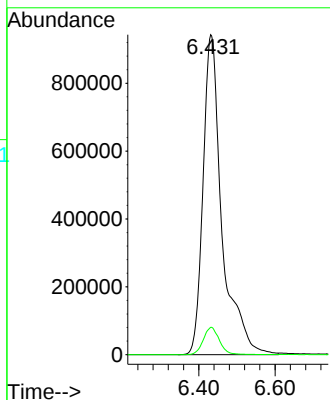
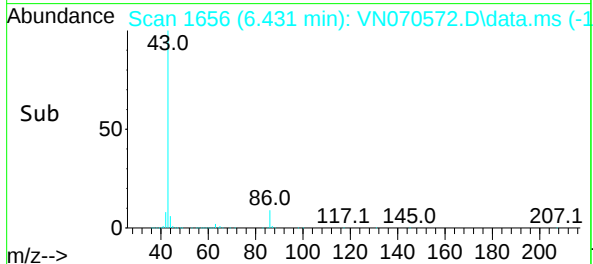
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111MBSD01



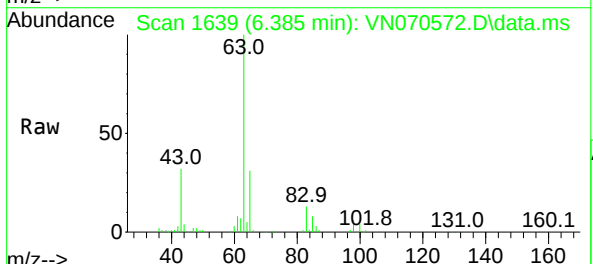
Tgt Ion: 43 Resp: 3246574
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7

Manual Integrations
 APPROVED

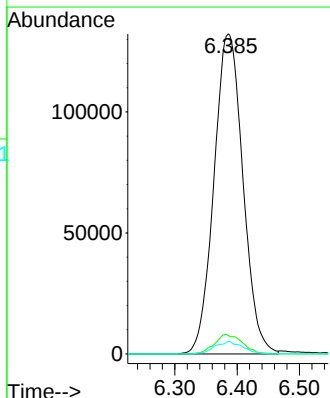
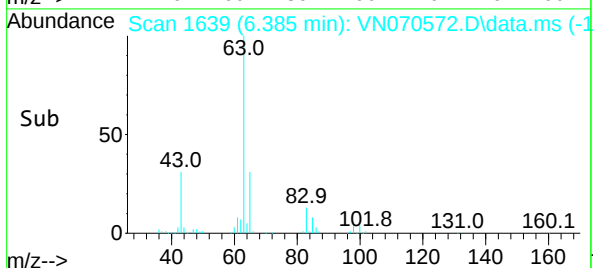
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022



#24
 1,1-Dichloroethane
 Concen: 19.289 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070572.D
 Acq: 11 Jan 2022 16:35



Tgt Ion: 63 Resp: 427531
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 91.860 ug/l

RT: 7.332 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBS01

Tgt Ion: 43 Resp: 102603

Ion Ratio Lower Upper

43 100

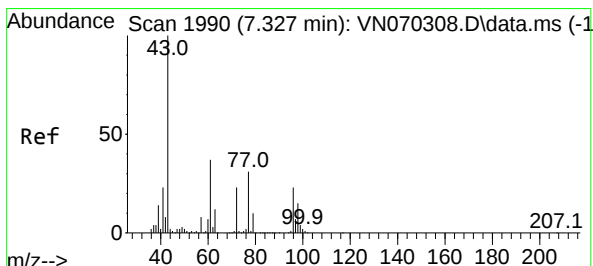
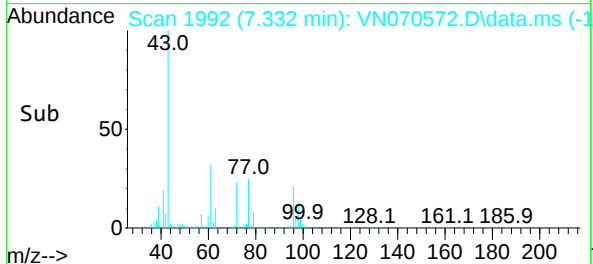
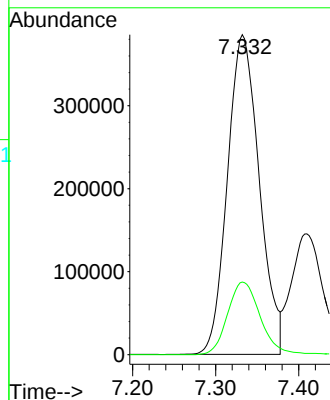
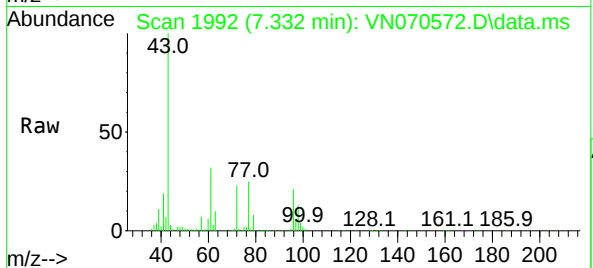
72 22.7 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#26

2,2-Dichloropropane

Concen: 17.914 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070572.D

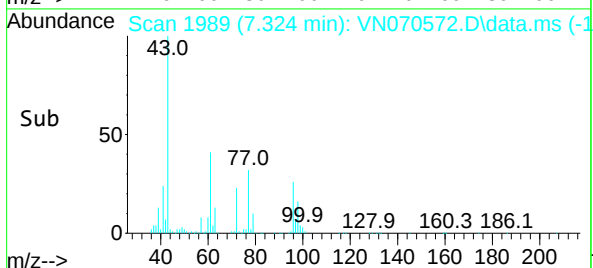
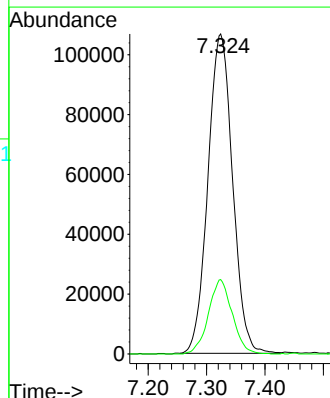
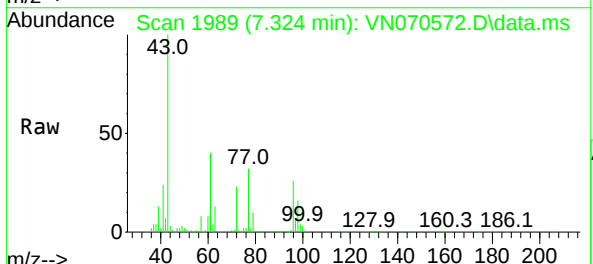
Acq: 11 Jan 2022 16:35

Tgt Ion: 77 Resp: 313232

Ion Ratio Lower Upper

77 100

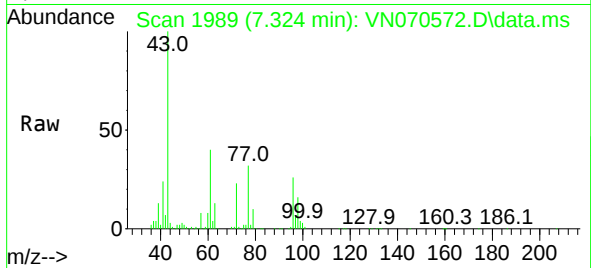
97 22.5 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.327 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. 0.000 min
 Lab File: VN070572.D
 Acq: 11 Jan 2022 16:35

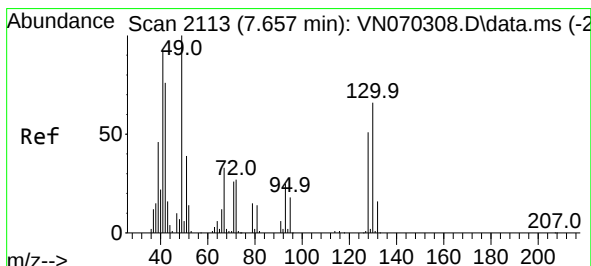
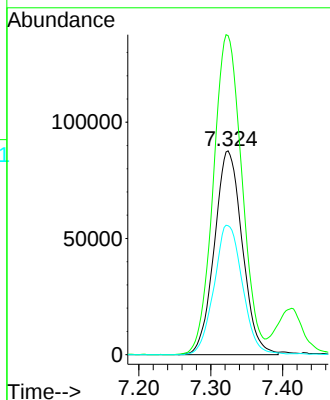
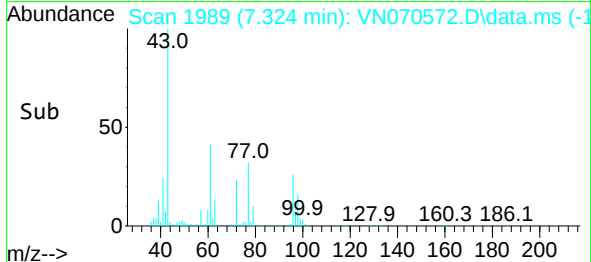
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111MBSD01



Tgt Ion: 96 Resp: 236354
 Ion Ratio Lower Upper
 96 100
 61 160.6 0.0 275.0
 98 64.5 0.0 129.6

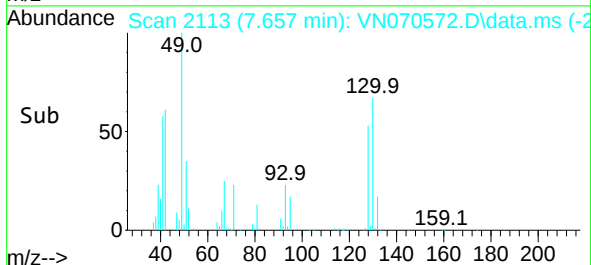
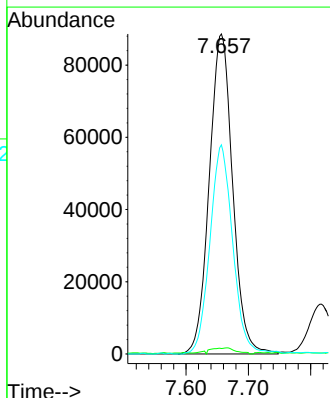
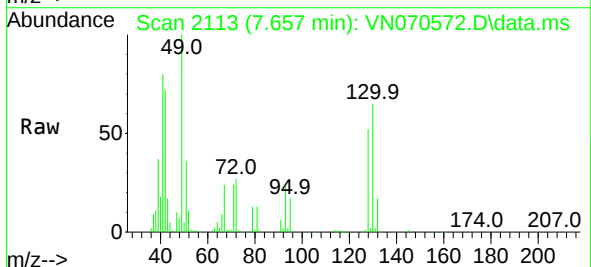
Manual Integrations
 APPROVED

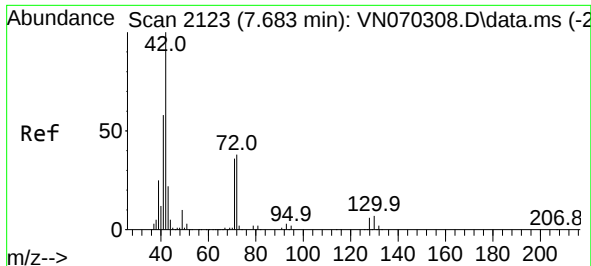
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022



#28
 Bromochloromethane
 Concen: 21.288 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: VN070572.D
 Acq: 11 Jan 2022 16:35

Tgt Ion: 49 Resp: 230743
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.0
 130 63.7 67.8 101.8#





#29

Tetrahydrofuran

Concen: 94.887 ug/l

RT: 7.681 min Scan# 2123

Delta R.T. -0.002 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBSD01

Tgt Ion: 42 Resp: 632339

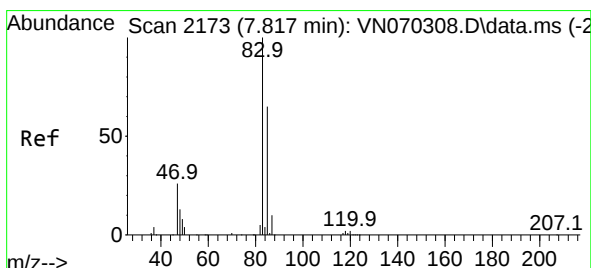
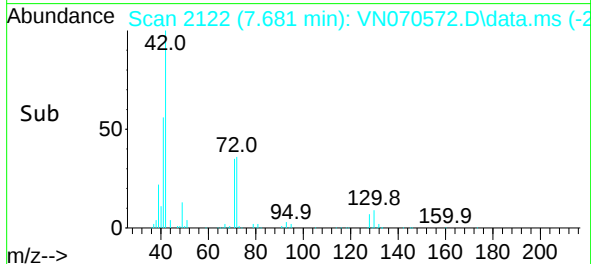
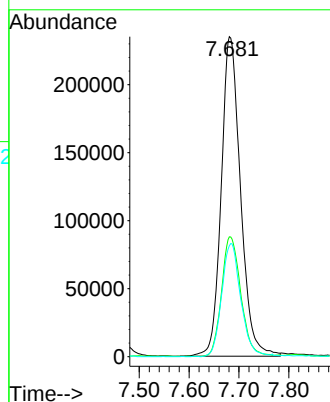
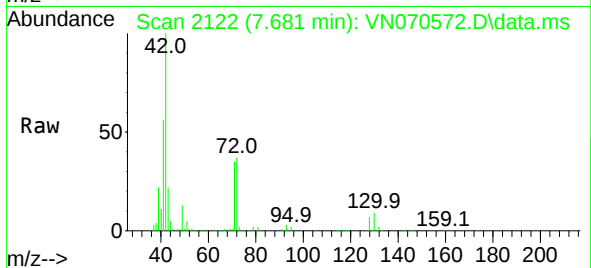
Ion	Ratio	Lower	Upper
42	100		
72	37.3	36.3	54.5
71	35.0	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#30

Chloroform

Concen: 18.914 ug/l

RT: 7.815 min Scan# 2172

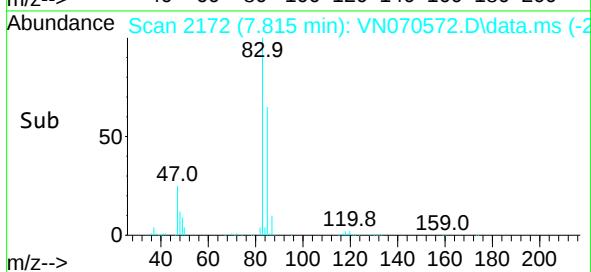
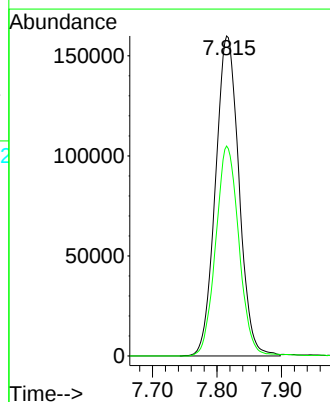
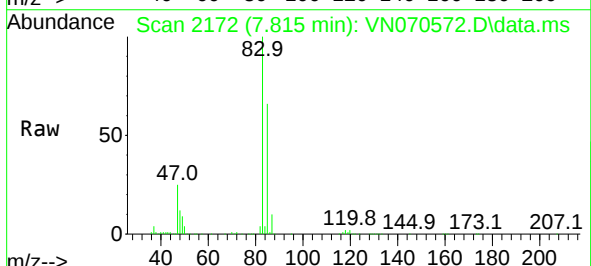
Delta R.T. -0.002 min

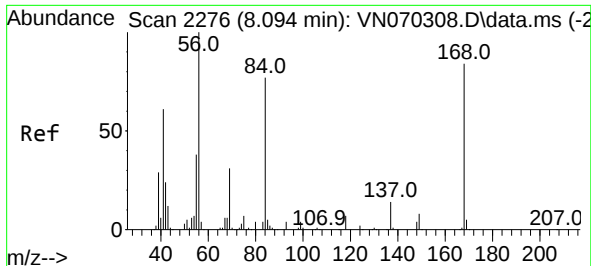
Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Tgt Ion: 83 Resp: 404419

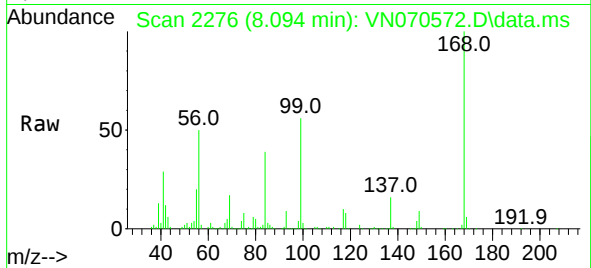
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.9	77.9





#31
Cyclohexane
Concen: 19.691 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

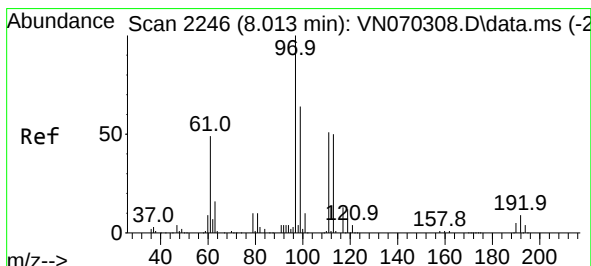
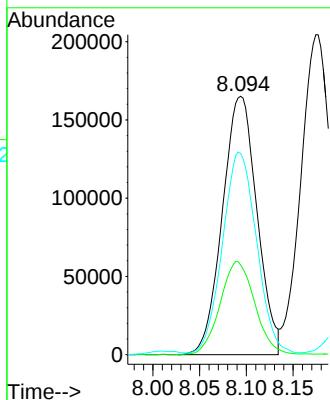
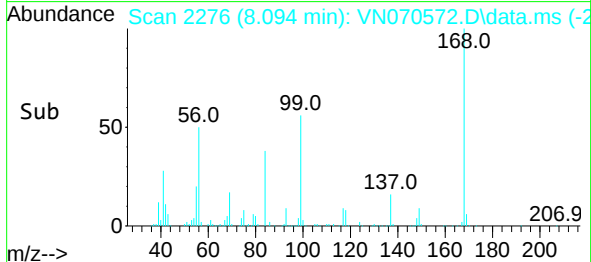
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



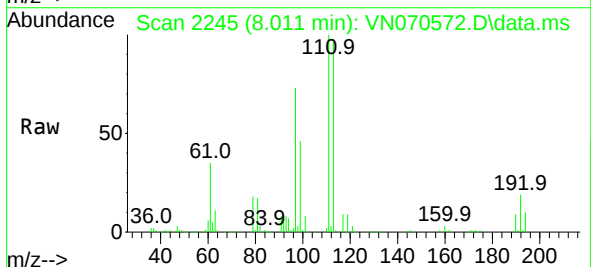
Tgt Ion: 56 Resp: 424629
Ion Ratio Lower Upper
56 100
69 34.7 27.1 40.7
84 76.8 73.4 110.0

Manual Integrations
APPROVED

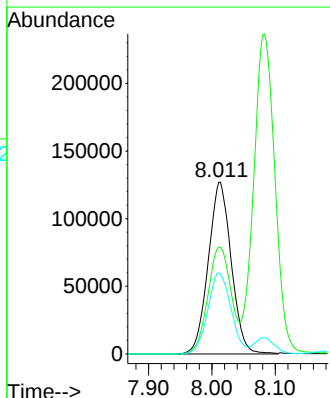
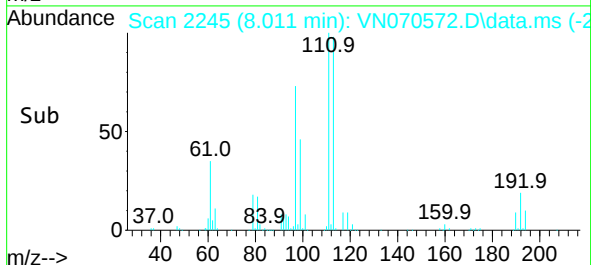
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

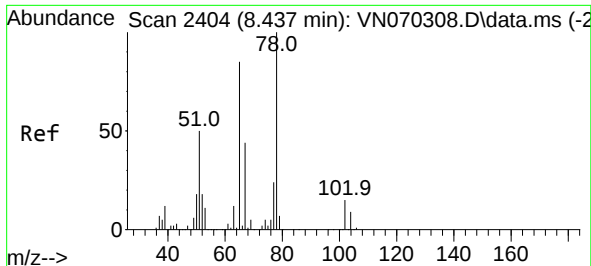


#32
1,1,1-Trichloroethane
Concen: 17.769 ug/l
RT: 8.011 min Scan# 2245
Delta R.T. -0.002 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35



Tgt Ion: 97 Resp: 320353
Ion Ratio Lower Upper
97 100
99 62.3 50.1 75.1
61 47.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.832 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBS01

Tgt Ion: 65 Resp: 63997

Ion Ratio Lower Upper

65 100

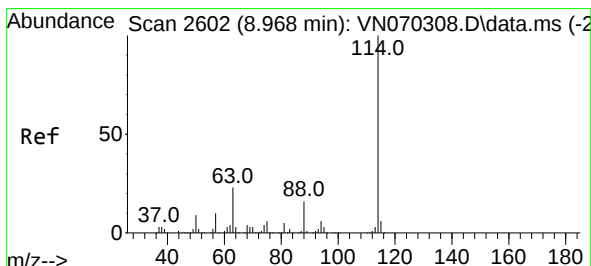
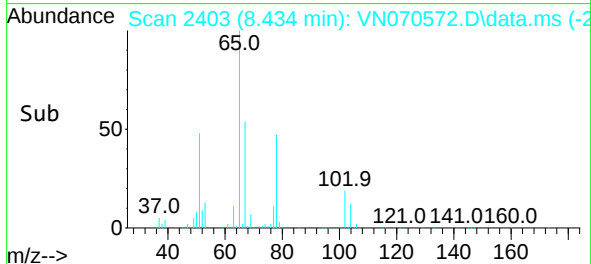
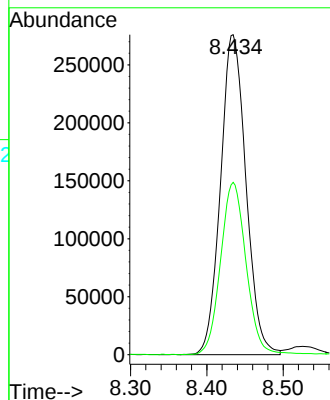
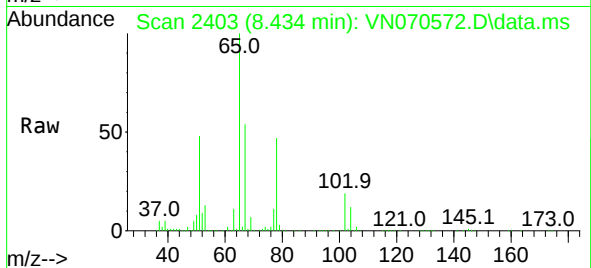
67 54.1 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

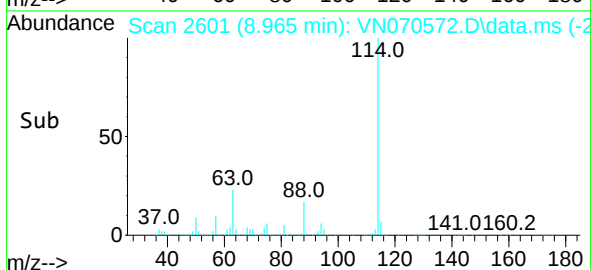
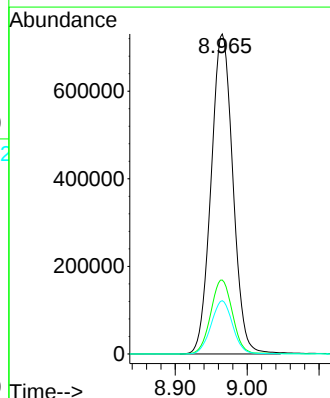
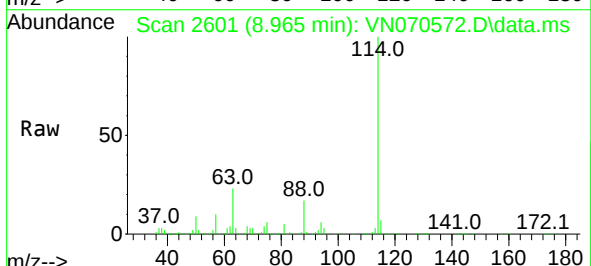
Tgt Ion:114 Resp: 1540310

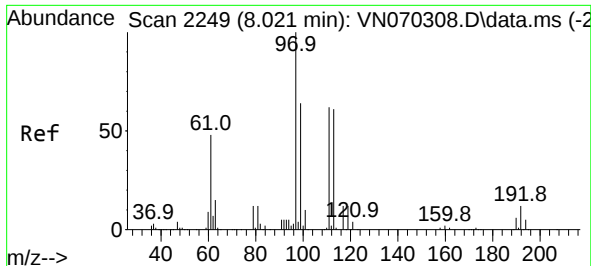
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

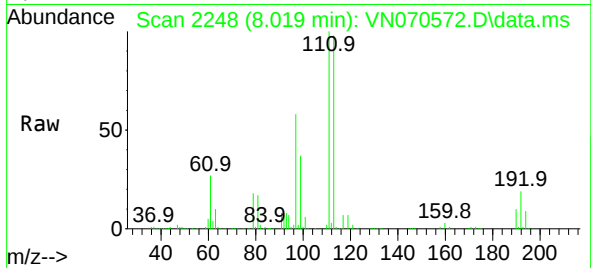
88 16.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.337 ug/l
RT: 8.019 min Scan# 2113
Delta R.T. -0.002 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

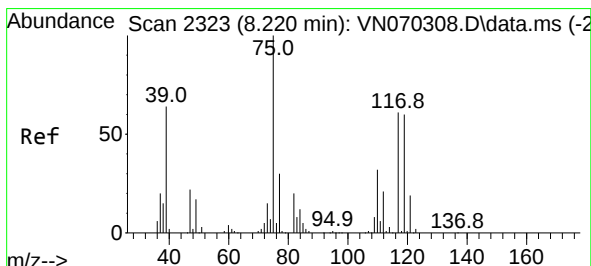
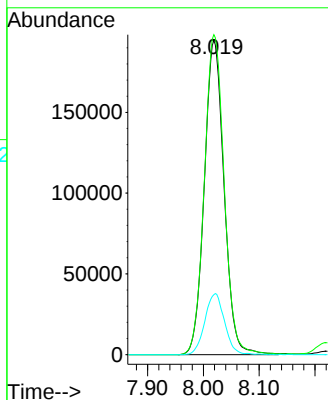
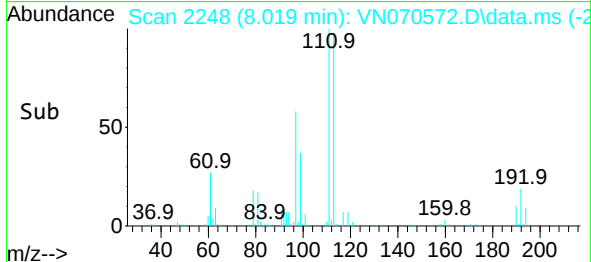
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion:113 Resp: 478440
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.3 16.9 25.3

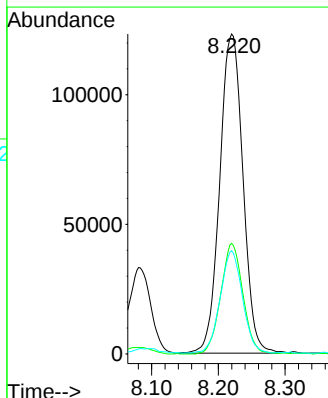
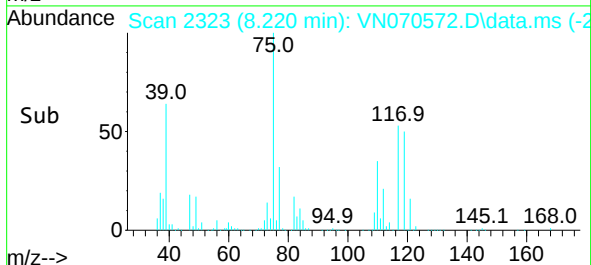
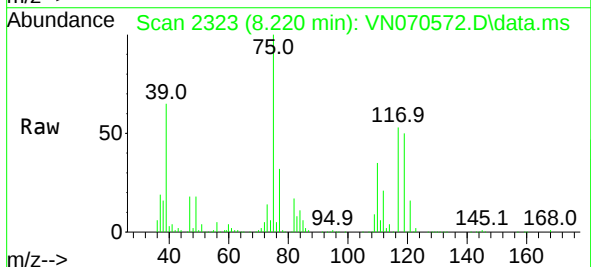
Manual Integrations
APPROVED

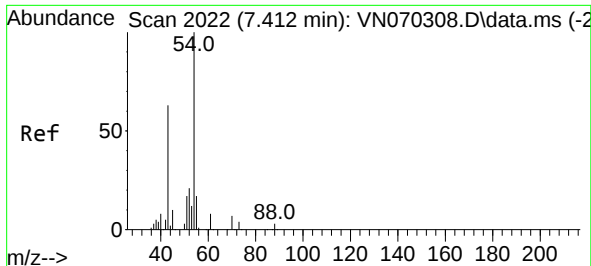
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#36
1,1-Dichloropropene
Concen: 19.296 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Tgt Ion: 75 Resp: 297484
Ion Ratio Lower Upper
75 100
110 33.1 18.4 55.2
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 19.483 ug/l

RT: 7.410 min Scan# 20

Delta R.T. -0.002 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBSD01

Tgt Ion: 43 Resp: 38933

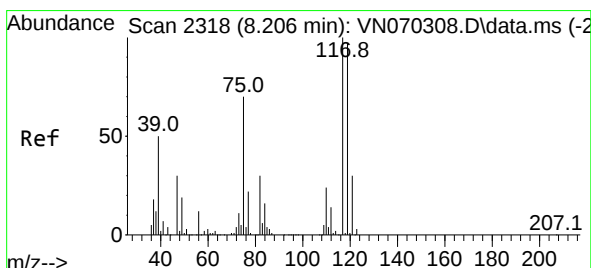
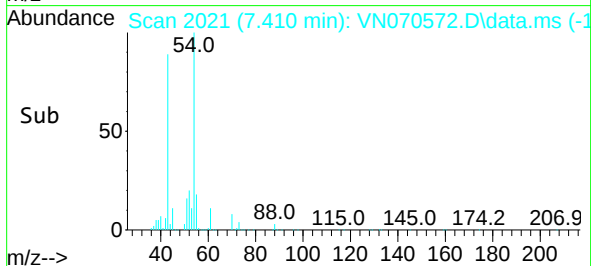
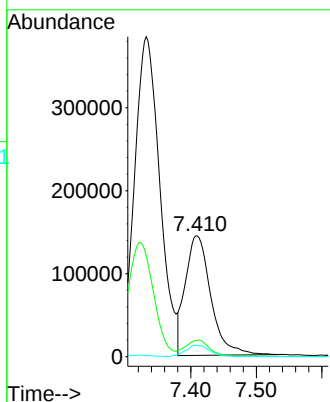
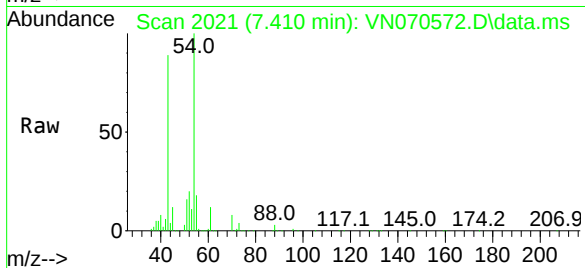
Ion	Ratio	Lower	Upper
43	100		
61	12.6	11.5	17.3
70	8.8	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#38

Carbon Tetrachloride

Concen: 17.186 ug/l

RT: 8.204 min Scan# 2317

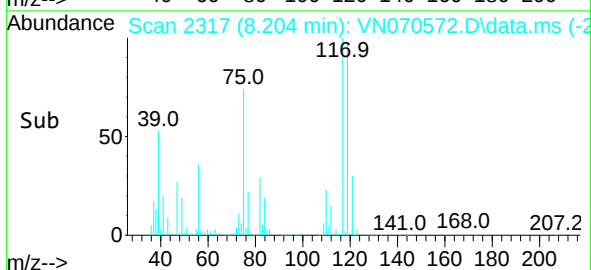
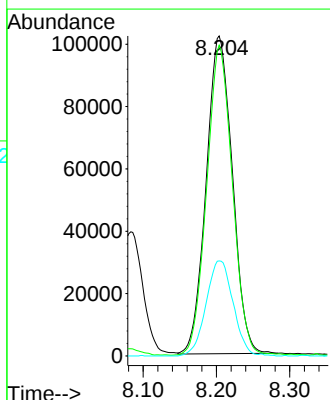
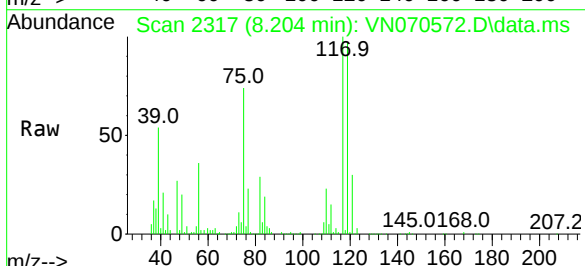
Delta R.T. -0.002 min

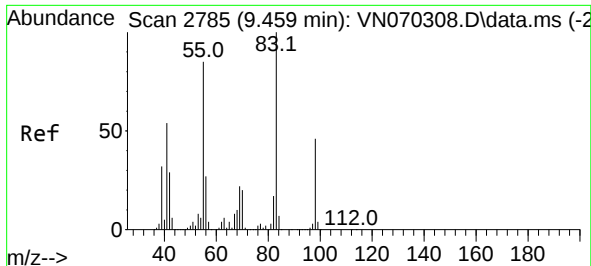
Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Tgt Ion: 117 Resp: 253007

Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.1	114.1
121	30.0	24.2	36.2





#39

Methylcyclohexane

Concen: 20.144 ug/l

RT: 9.456 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBSD01

Tgt Ion: 83 Resp: 37598

Ion Ratio Lower Upper

83 100

55 87.4 58.1 87.1

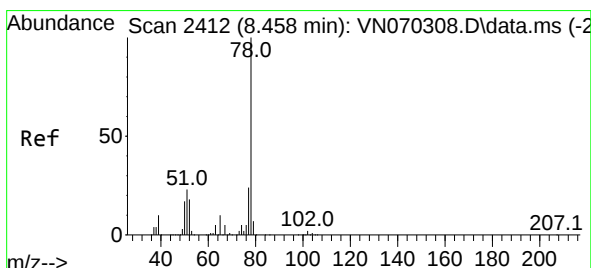
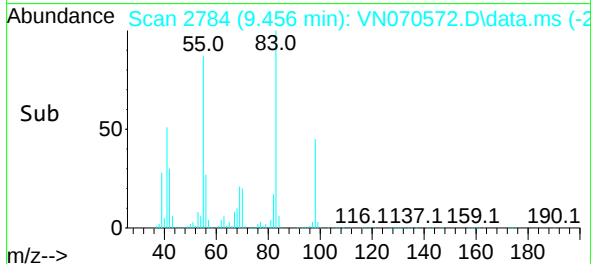
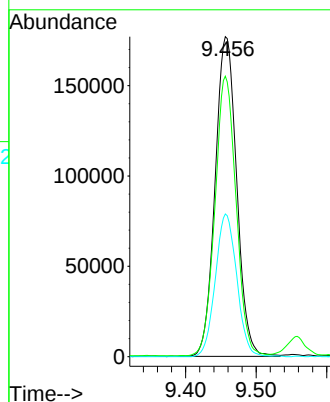
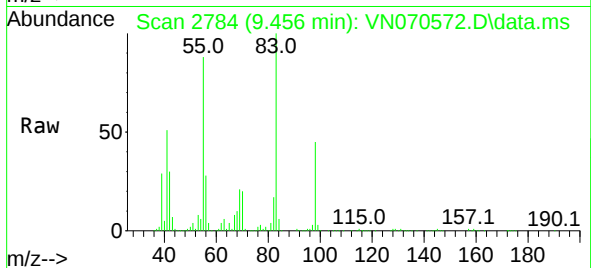
98 44.6 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#40

Benzene

Concen: 19.852 ug/l

RT: 8.459 min Scan# 2412

Delta R.T. 0.001 min

Lab File: VN070572.D

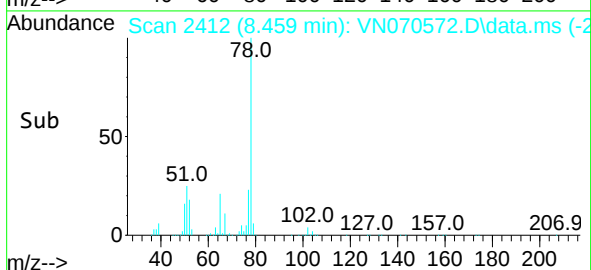
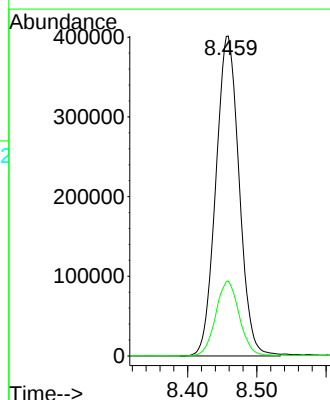
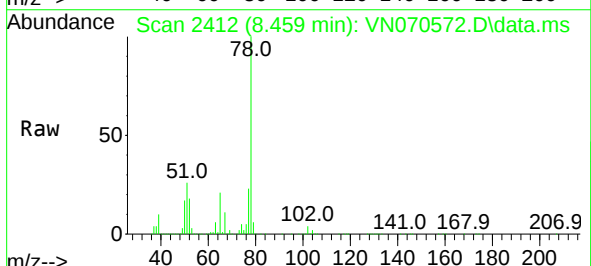
Acq: 11 Jan 2022 16:35

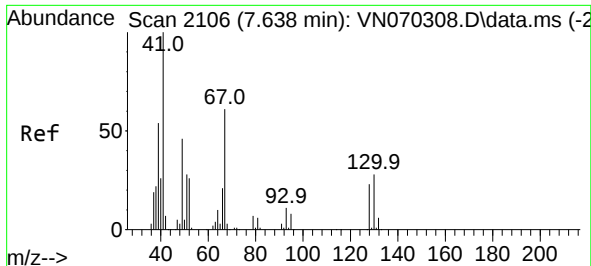
Tgt Ion: 78 Resp: 938311

Ion Ratio Lower Upper

78 100

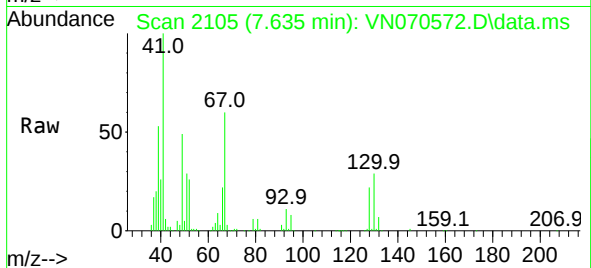
77 23.4 18.6 27.8





#41
Methacrylonitrile
Concen: 19.744 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

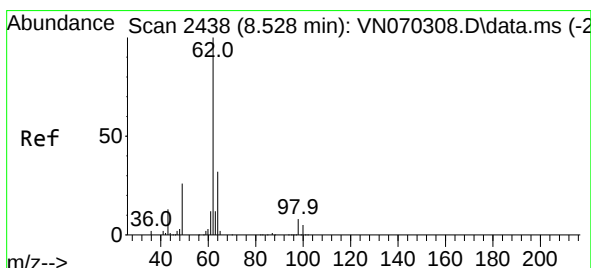
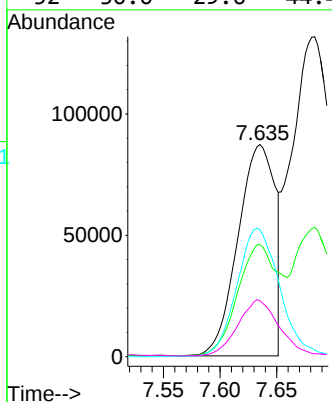
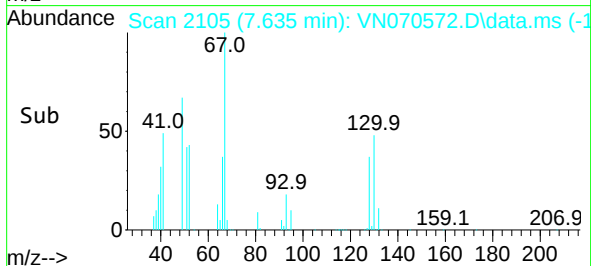
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion: 41 Resp: 19735
Ion Ratio Lower Upper
41 100
39 59.9 48.1 72.1
67 70.6 68.3 102.5
52 30.0 29.6 44.4

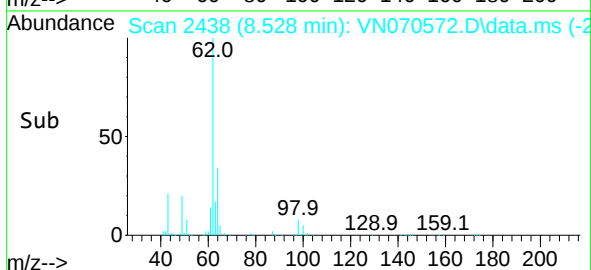
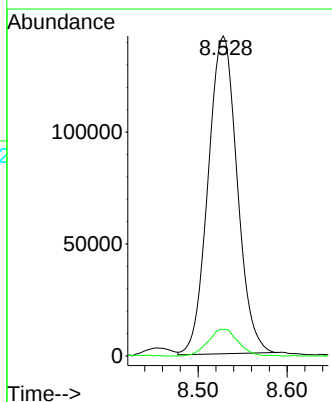
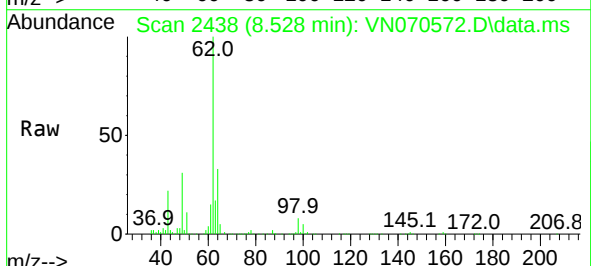
Manual Integrations
APPROVED

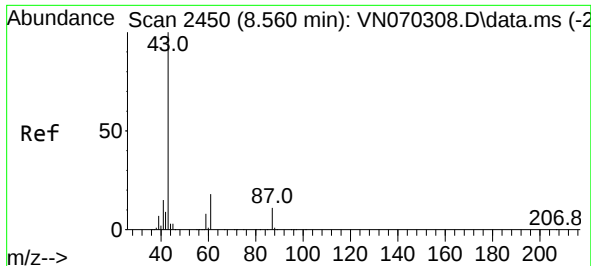
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#42
1,2-Dichloroethane
Concen: 18.137 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

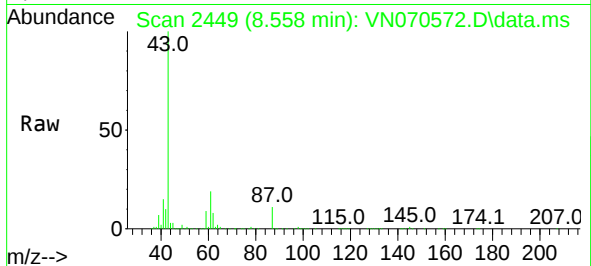
Tgt Ion: 62 Resp: 322225
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.114 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.002 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

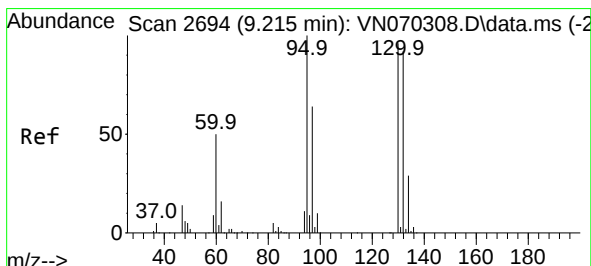
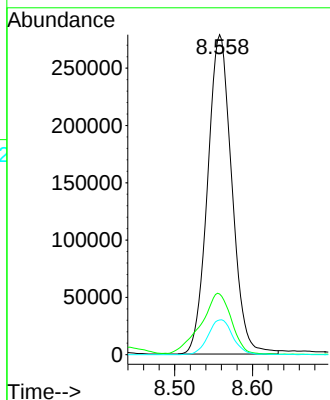
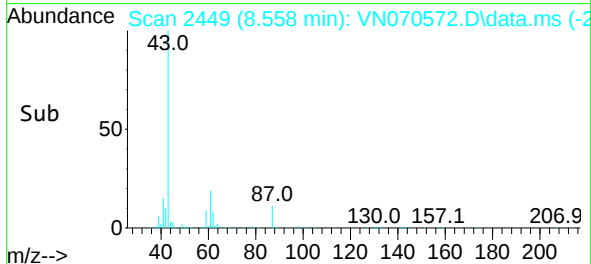
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion: 43 Resp: 602214
Ion Ratio Lower Upper
43 100
61 23.8 20.4 30.6
87 11.1 11.2 16.8

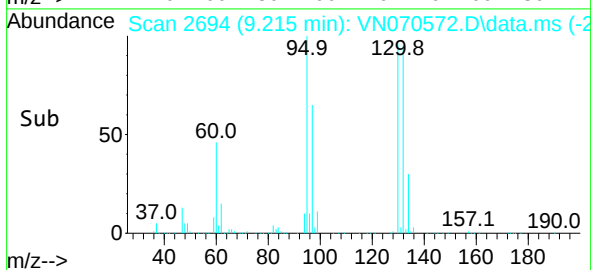
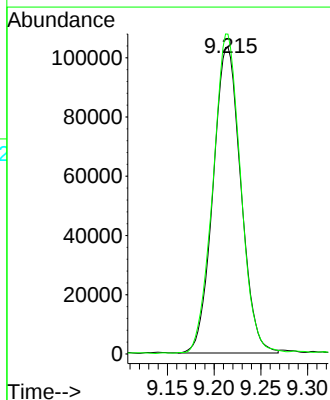
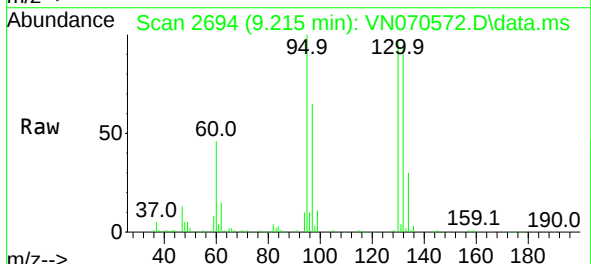
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#44
Trichloroethene
Concen: 19.090 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Tgt Ion:130 Resp: 214394
Ion Ratio Lower Upper
130 100
95 104.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.566 ug/l

RT: 9.486 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN070572.D

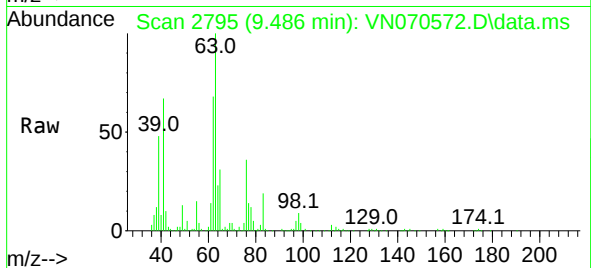
Acq: 11 Jan 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBSD01



Tgt Ion: 63 Resp: 26172

Ion Ratio Lower Upper

63 100

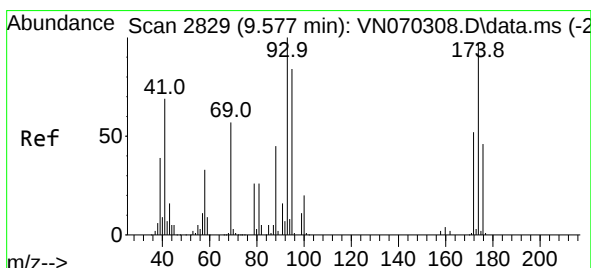
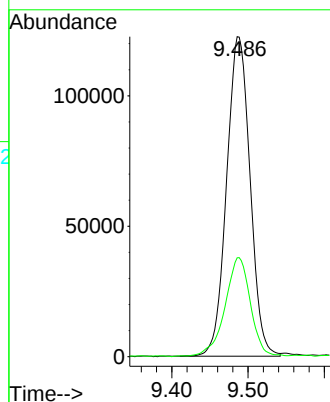
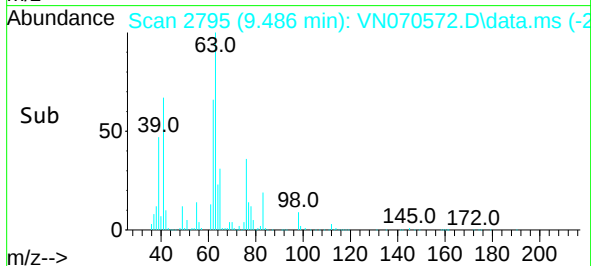
65 30.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#46

Dibromomethane

Concen: 18.666 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.003 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

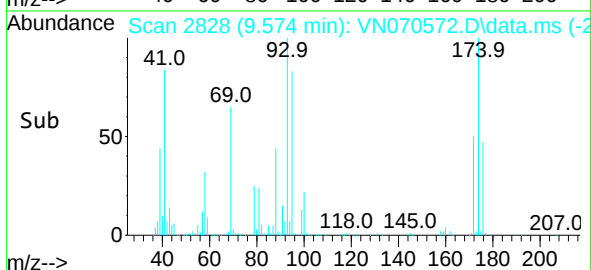
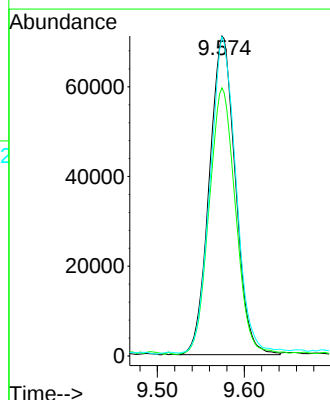
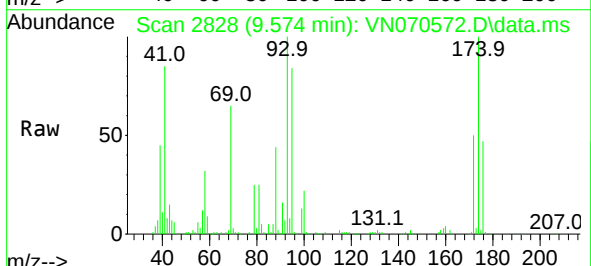
Tgt Ion: 93 Resp: 147713

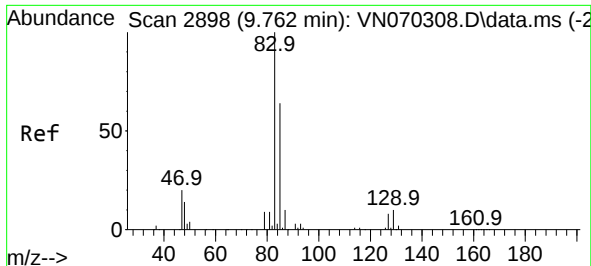
Ion Ratio Lower Upper

93 100

95 84.8 65.9 98.9

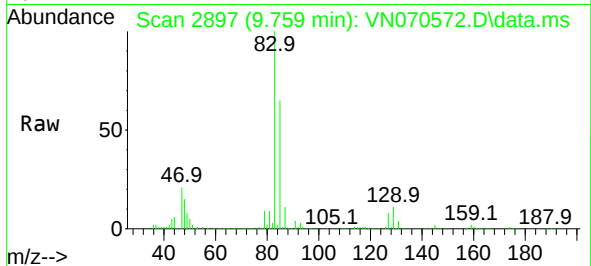
174 97.8 84.6 127.0





#47
Bromodichloromethane
Concen: 18.357 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

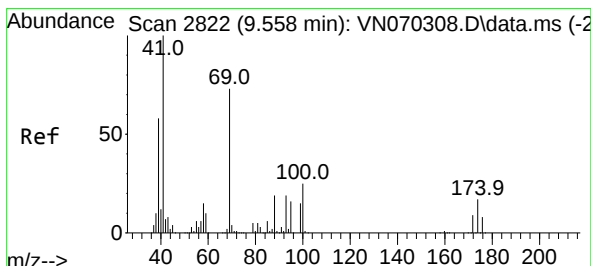
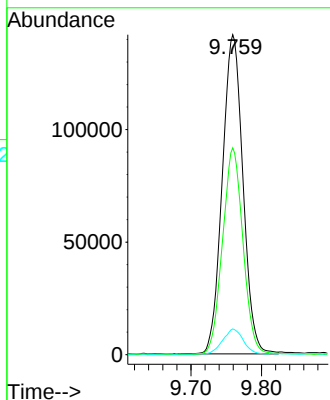
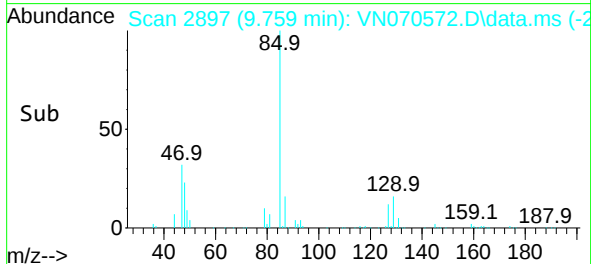
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion: 83 Resp: 288439
Ion Ratio Lower Upper
83 100
85 64.8 50.9 76.3
127 7.9 7.1 10.7

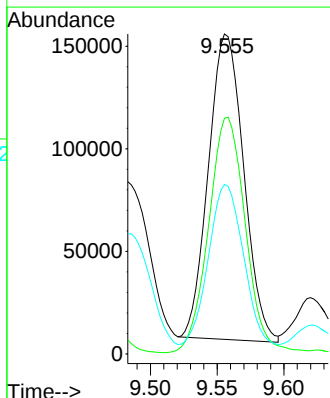
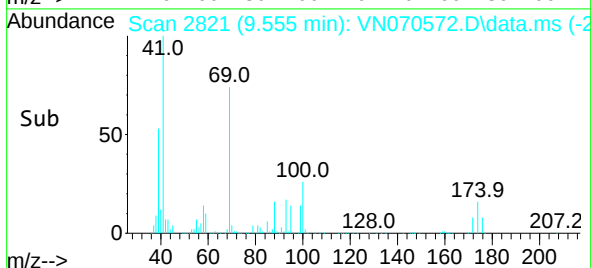
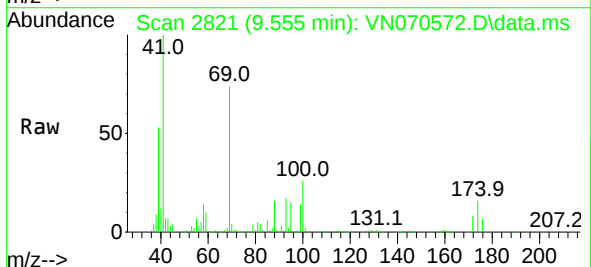
Manual Integrations
APPROVED

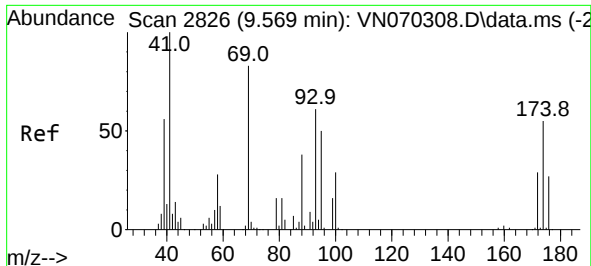
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#48
Methyl methacrylate
Concen: 18.209 ug/l
RT: 9.555 min Scan# 2821
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Tgt Ion: 41 Resp: 273659
Ion Ratio Lower Upper
41 100
69 80.3 72.4 108.6
39 56.8 58.4 87.6#





#49

1,4-Dioxane

Concen: 359.588 ug/l

RT: 9.566 min Scan# 2826

Delta R.T. -0.003 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBS01

Tgt Ion: 88 Resp: 79100

Ion Ratio Lower Upper

88 100

43 31.5 23.4 35.2

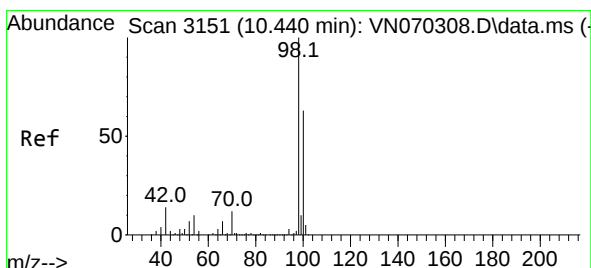
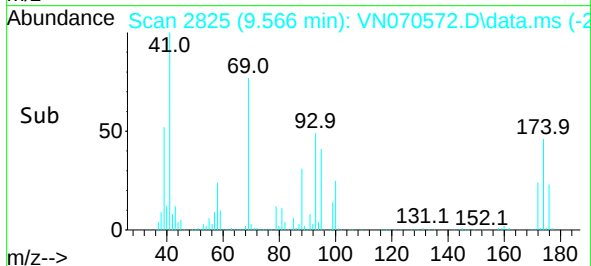
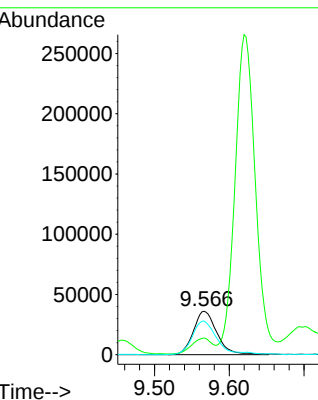
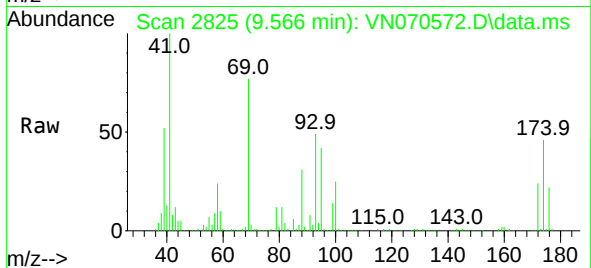
58 78.6 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#50

Toluene-d8

Concen: 50.987 ug/l

RT: 10.438 min Scan# 3150

Delta R.T. -0.002 min

Lab File: VN070572.D

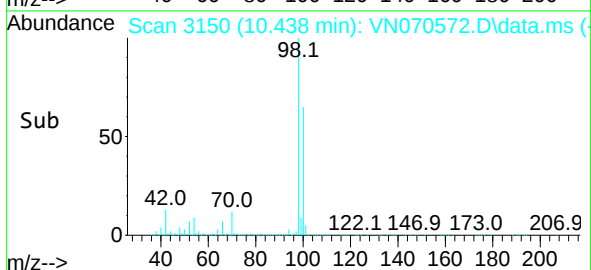
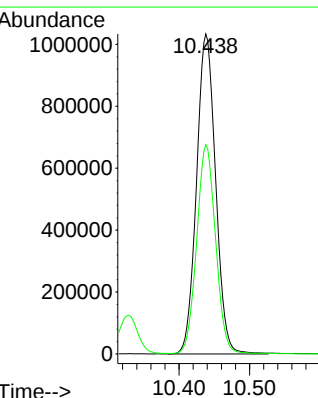
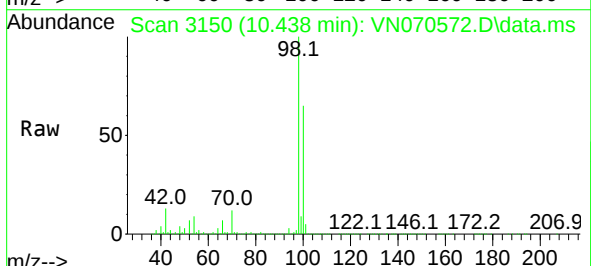
Acq: 11 Jan 2022 16:35

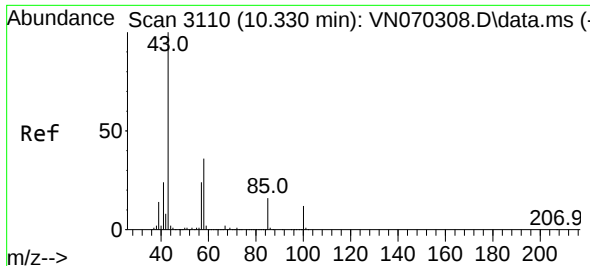
Tgt Ion: 98 Resp: 1941162

Ion Ratio Lower Upper

98 100

100 64.8 50.4 75.6





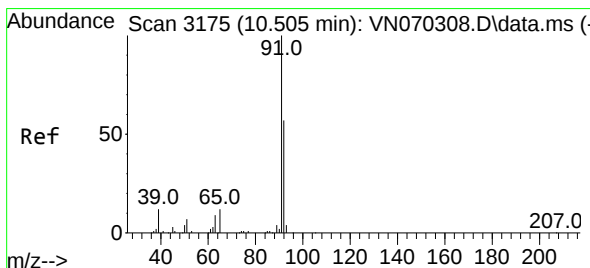
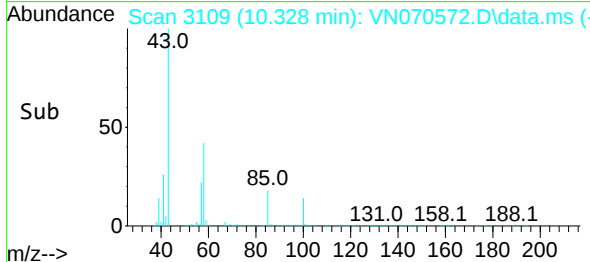
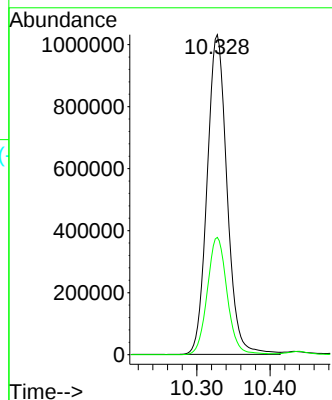
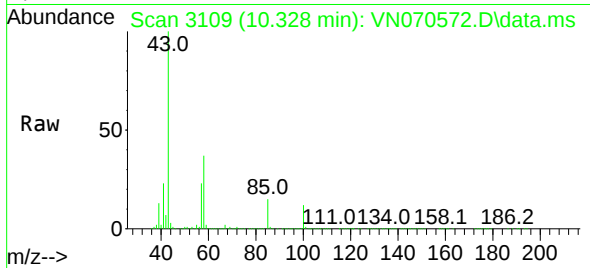
#51
4-Methyl-2-Pentanone
Concen: 98.251 ug/l
RT: 10.328 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion: 43 Resp: 194515
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6

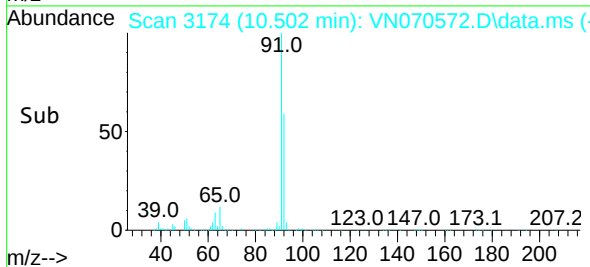
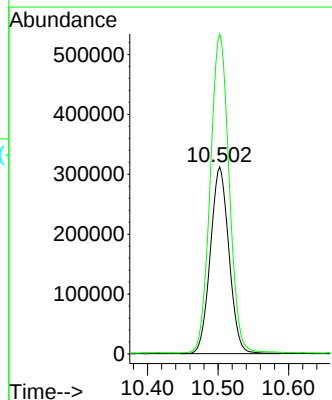
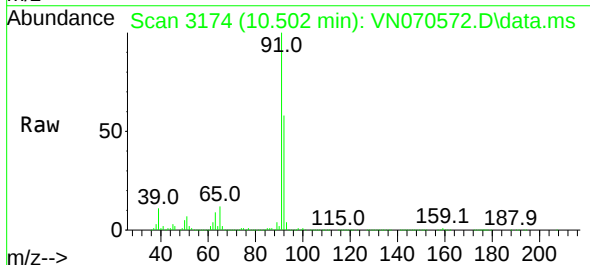
Manual Integrations
APPROVED

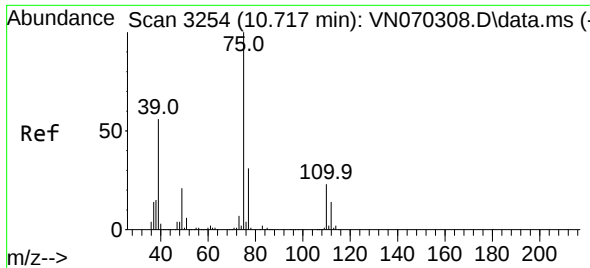
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#52
Toluene
Concen: 19.955 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Tgt Ion: 92 Resp: 570914
Ion Ratio Lower Upper
92 100
91 173.4 142.0 213.0





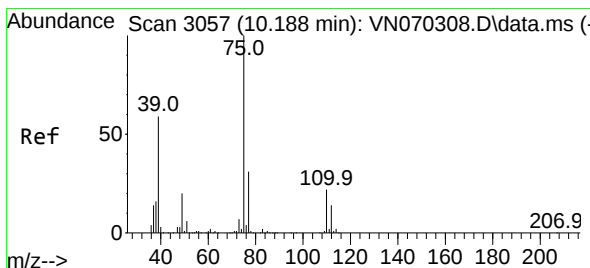
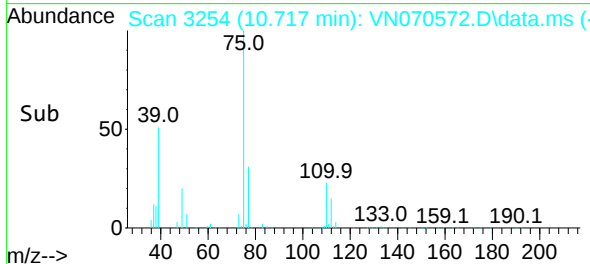
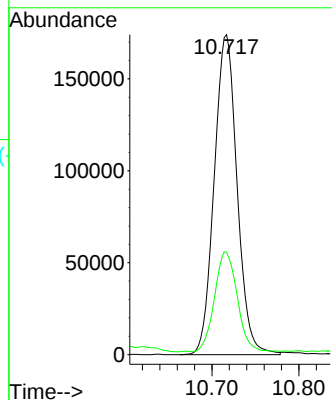
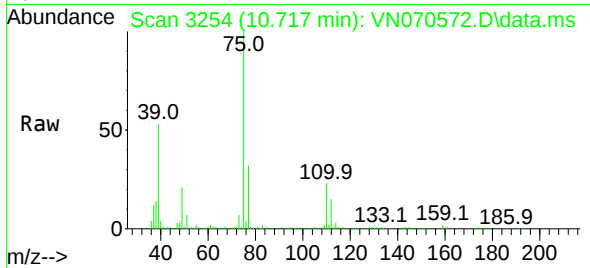
#53
t-1,3-Dichloropropene
Concen: 18.728 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion: 75 Resp: 31856
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

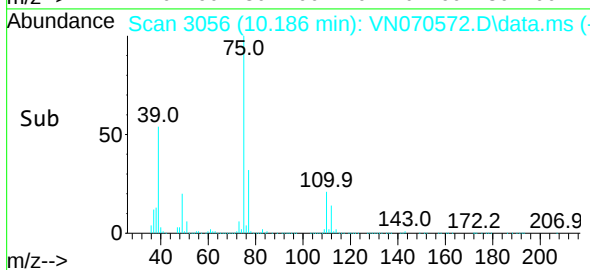
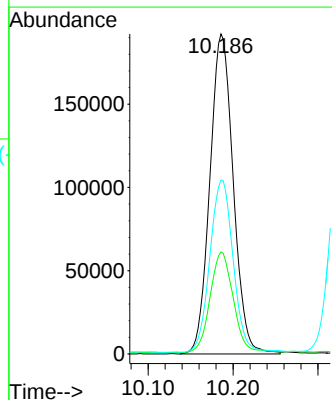
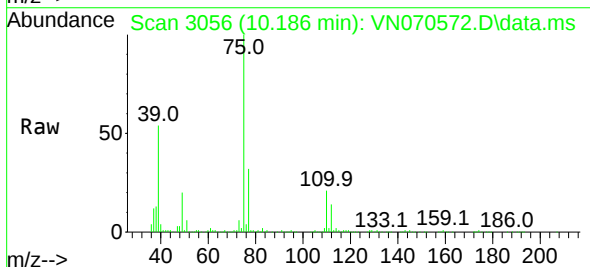
Manual Integrations
APPROVED

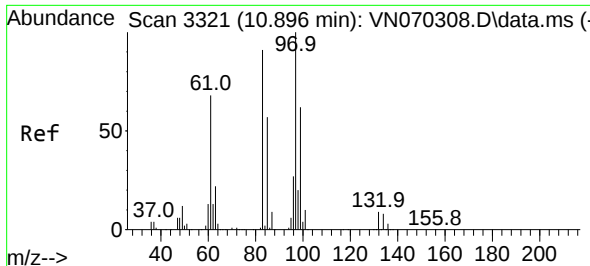
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#54
cis-1,3-Dichloropropene
Concen: 19.984 ug/l
RT: 10.186 min Scan# 3056
Delta R.T. -0.002 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

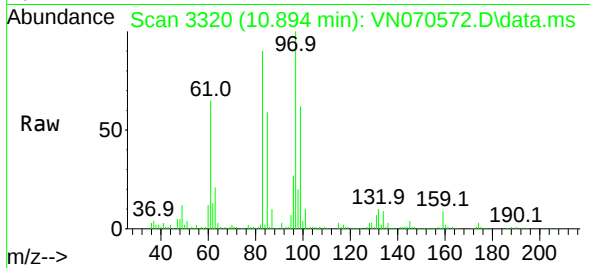
Tgt Ion: 75 Resp: 367721
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6
39 53.8 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 20.068 ug/l
RT: 10.894 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

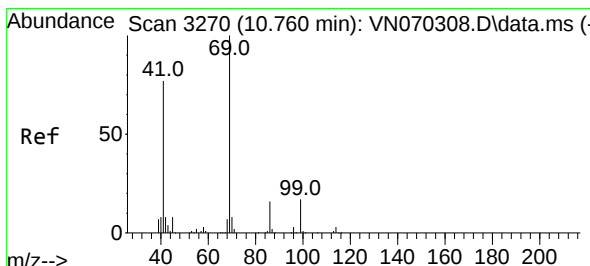
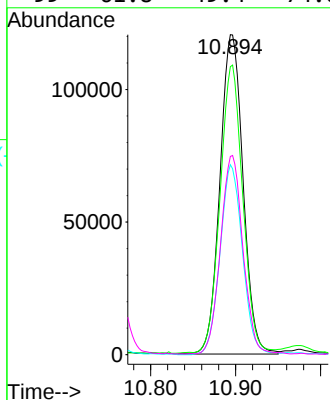
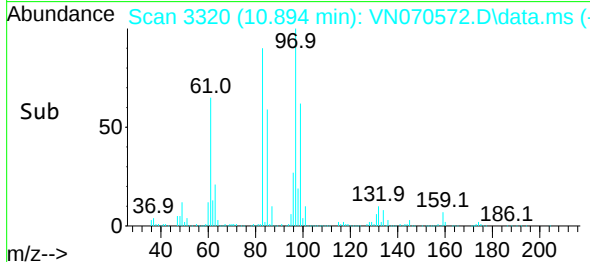
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



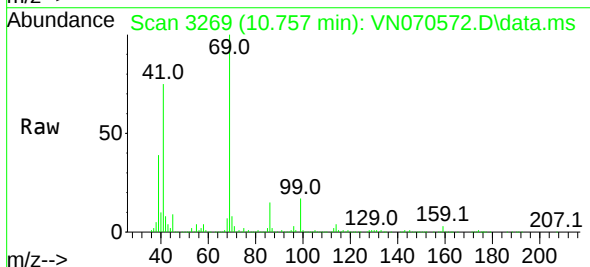
Tgt Ion: 97 Resp: 227160
Ion Ratio Lower Upper
97 100
83 89.7 67.8 101.6
85 59.5 45.4 68.2
99 61.8 49.4 74.0

Manual Integrations
APPROVED

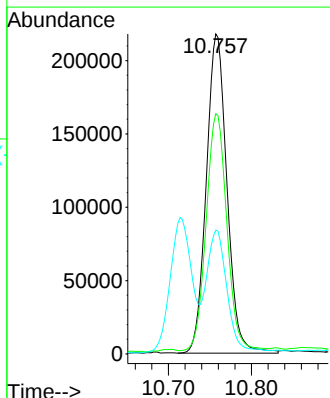
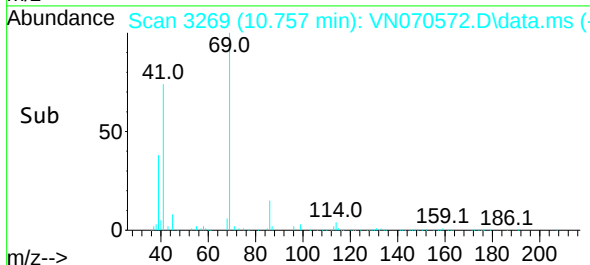
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

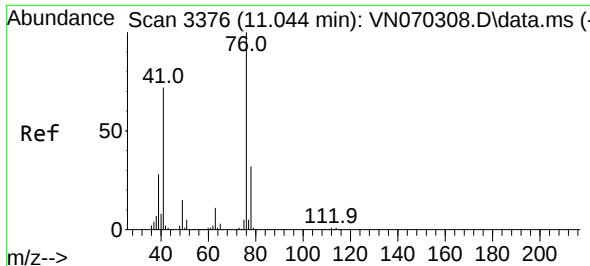


#56
Ethyl methacrylate
Concen: 20.076 ug/l
RT: 10.757 min Scan# 3269
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35



Tgt Ion: 69 Resp: 375501
Ion Ratio Lower Upper
69 100
41 74.5 51.4 77.0
39 36.7 34.6 52.0





#57

1,3-Dichloropropane

Concen: 20.131 ug/l

RT: 11.041 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBSD01

Tgt Ion: 76 Resp: 403054

Ion Ratio Lower Upper

76 100

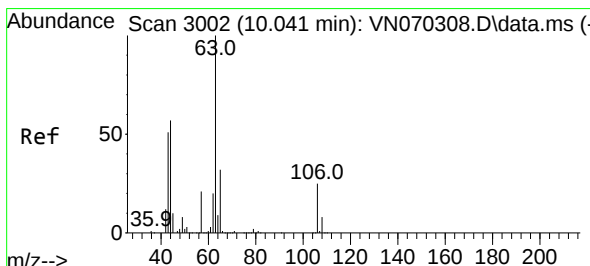
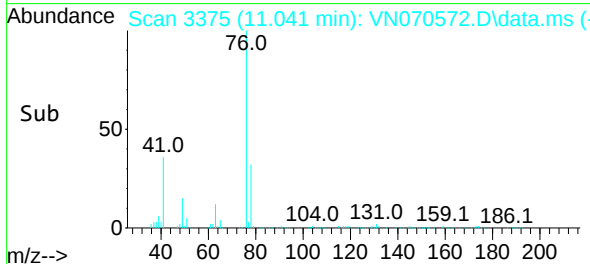
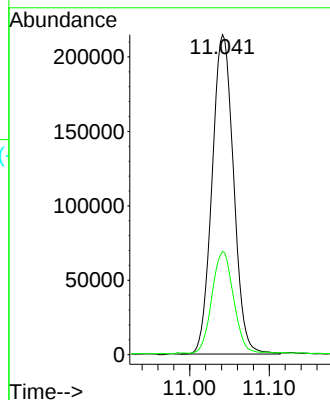
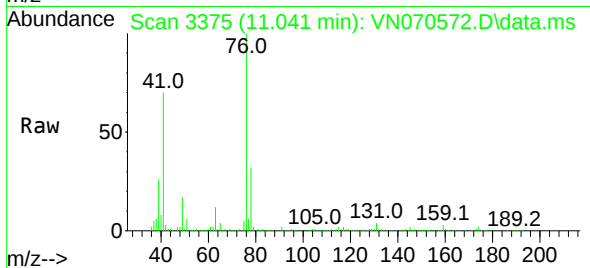
78 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 107.579 ug/l

RT: 10.038 min Scan# 3001

Delta R.T. -0.003 min

Lab File: VN070572.D

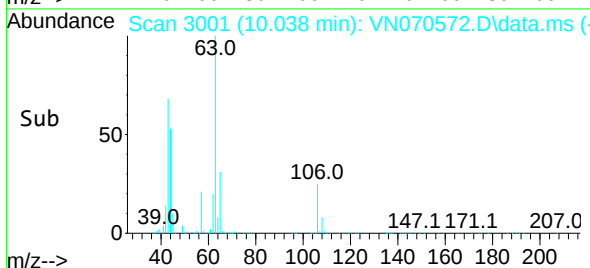
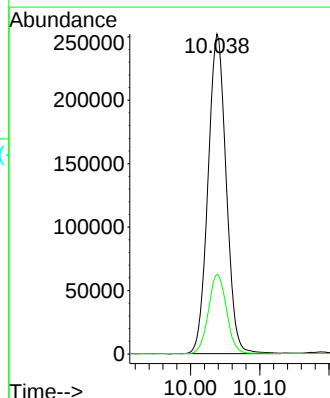
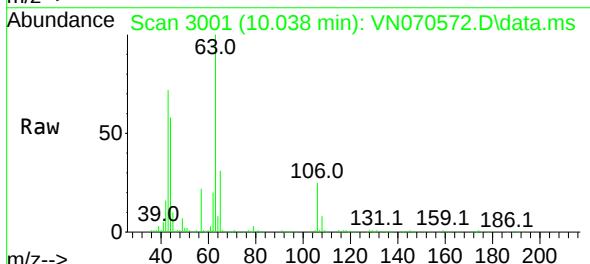
Acq: 11 Jan 2022 16:35

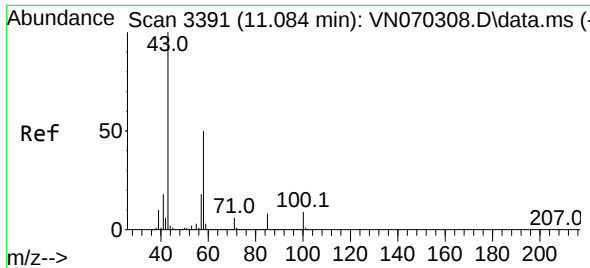
Tgt Ion: 63 Resp: 459546

Ion Ratio Lower Upper

63 100

106 24.7 23.9 35.9





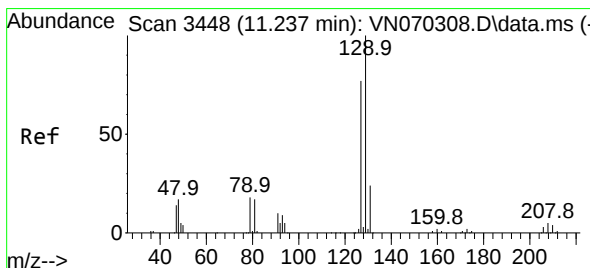
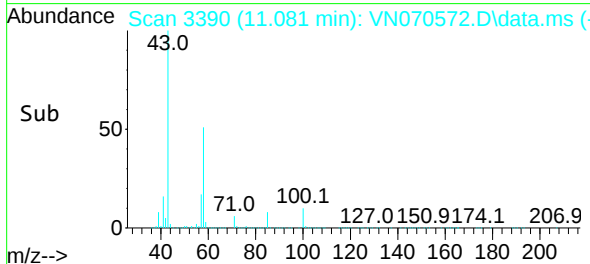
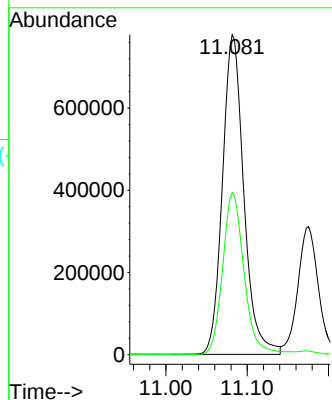
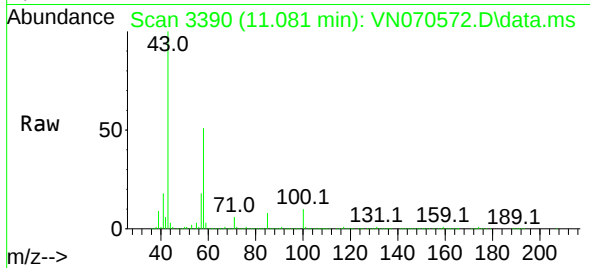
#59
2-Hexanone
Concen: 98.244 ug/l
RT: 11.081 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion: 43 Resp: 1418394
Ion Ratio Lower Upper
43 100
58 51.0 26.9 80.7

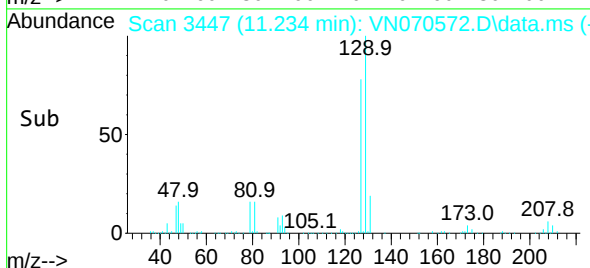
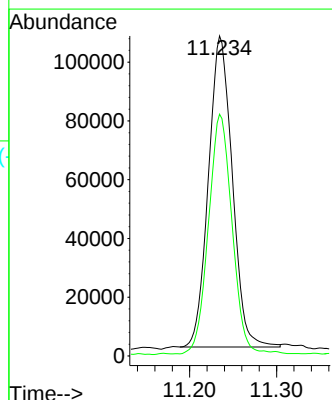
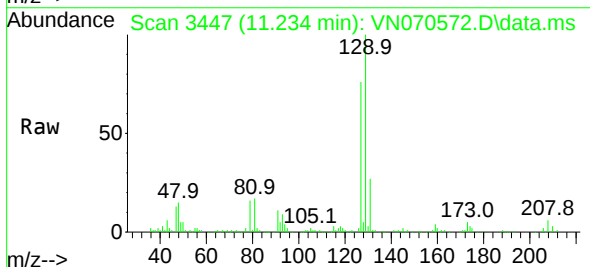
Manual Integrations
APPROVED

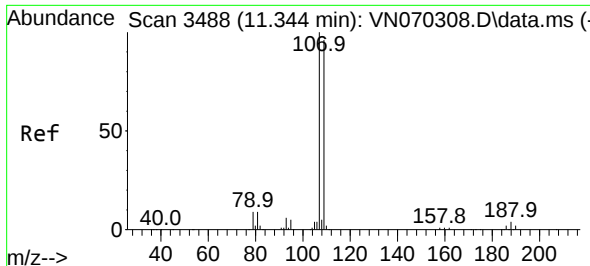
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#60
Dibromochloromethane
Concen: 18.235 ug/l
RT: 11.234 min Scan# 3447
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

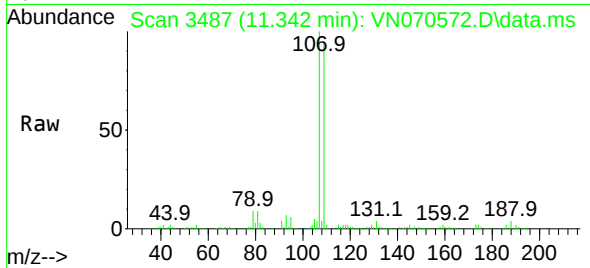
Tgt Ion:129 Resp: 201393
Ion Ratio Lower Upper
129 100
127 75.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.165 ug/l
RT: 11.342 min Scan# 3488
Delta R.T. -0.002 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

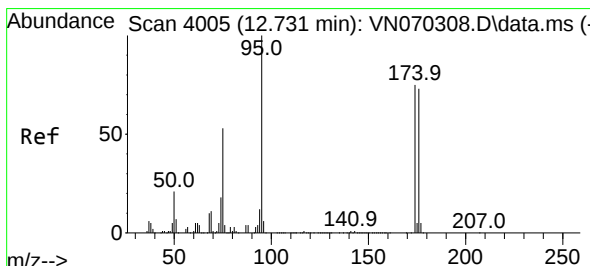
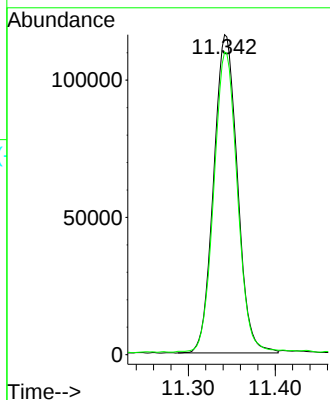
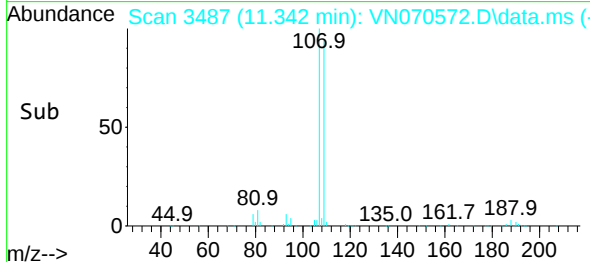
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



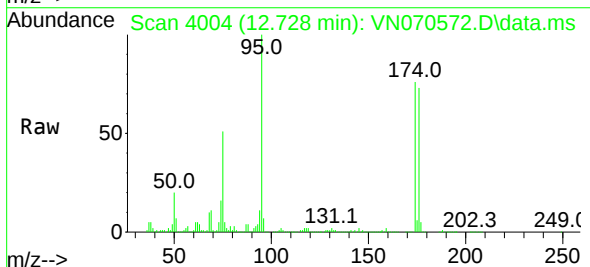
Tgt Ion:107 Resp: 220275
Ion Ratio Lower Upper
107 100
109 93.4 75.7 113.5

Manual Integrations
APPROVED

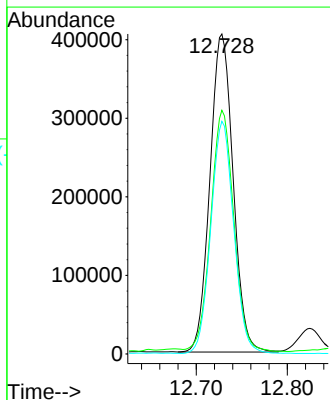
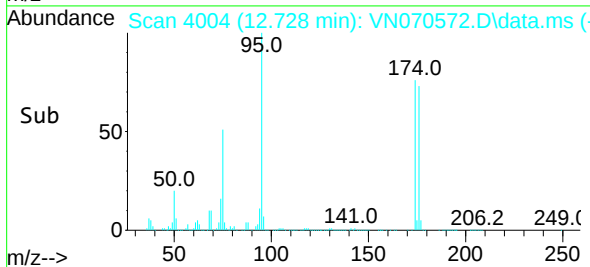
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

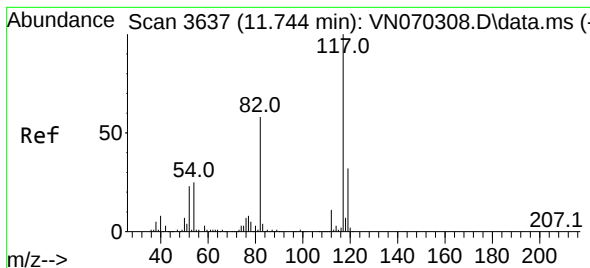


#62
4-Bromofluorobenzene
Concen: 51.988 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35



Tgt Ion: 95 Resp: 714878
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 72.1 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.741 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBS01

Tgt Ion:117 Resp: 141458

Ion Ratio Lower Upper

117 100

82 59.8 42.4 63.6

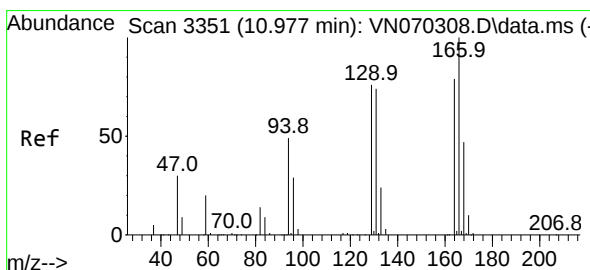
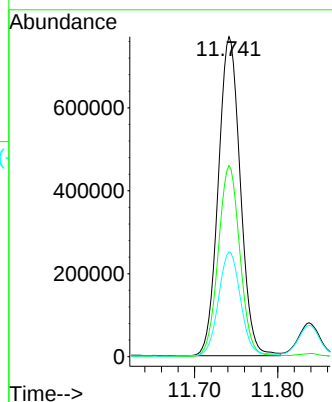
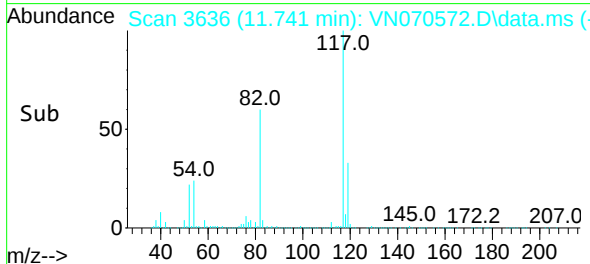
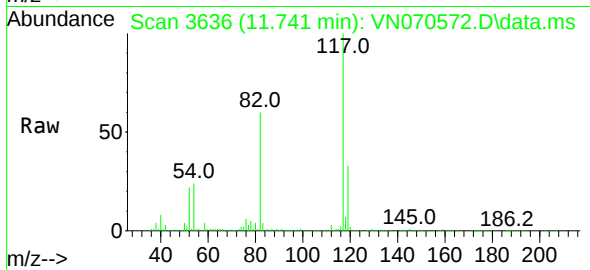
119 32.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#64

Tetrachloroethene

Concen: 19.346 ug/l

RT: 10.974 min Scan# 3350

Delta R.T. -0.003 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Tgt Ion:164 Resp: 198171

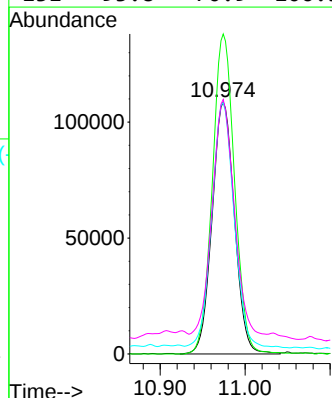
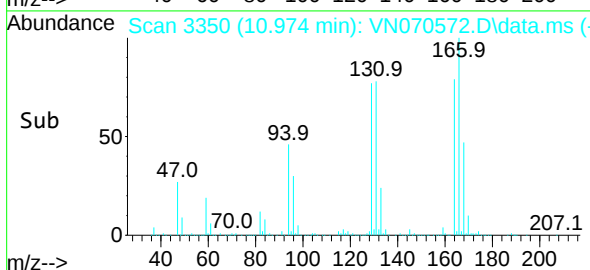
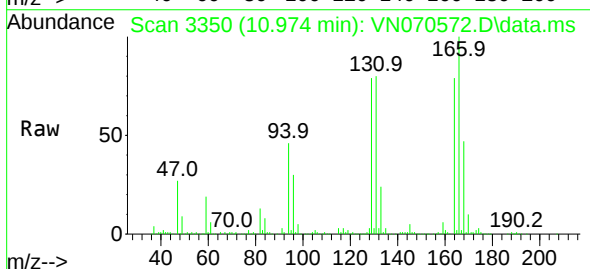
Ion Ratio Lower Upper

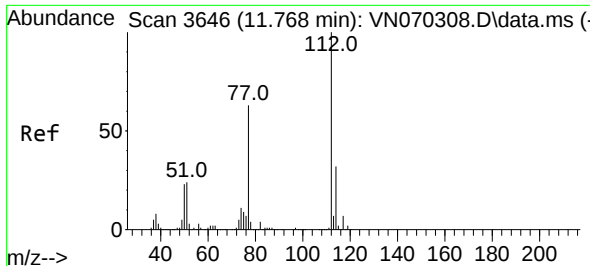
164 100

166 127.0 101.9 152.9

129 97.0 72.0 108.0

131 93.8 70.9 106.3





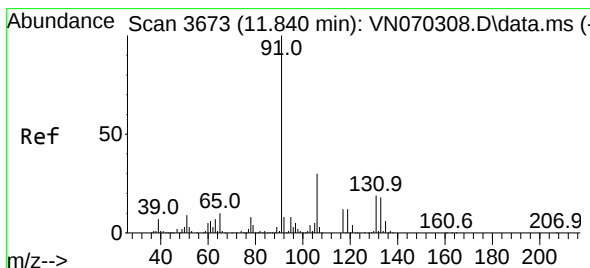
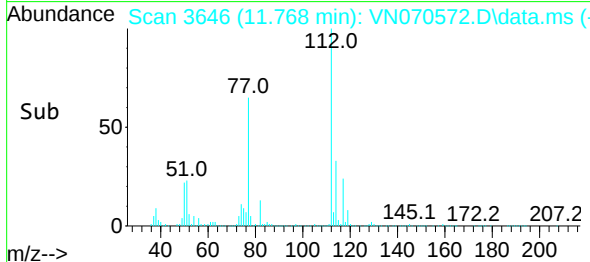
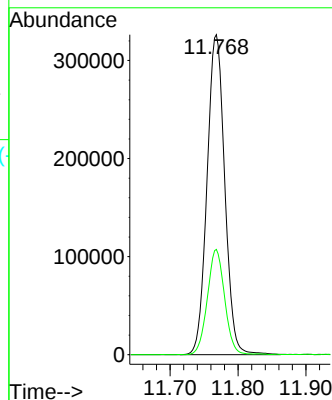
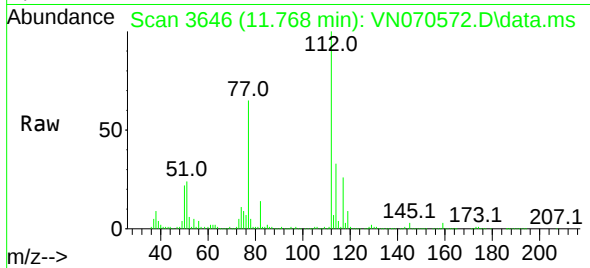
#65
Chlorobenzene
Concen: 19.698 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. 0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion:112 Resp: 59121
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.0

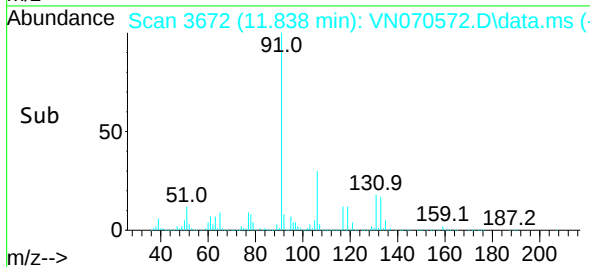
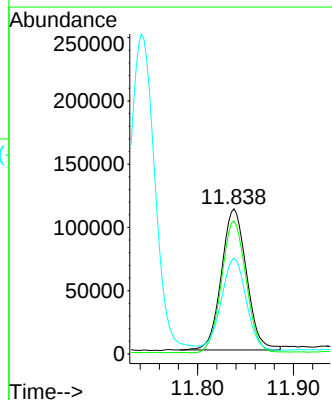
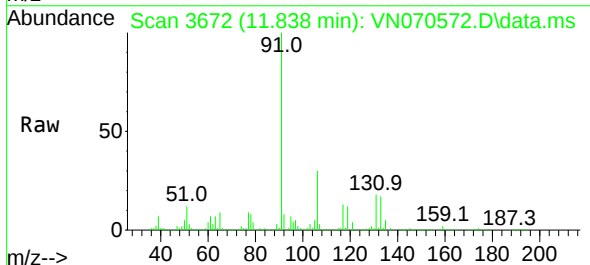
Manual Integrations
APPROVED

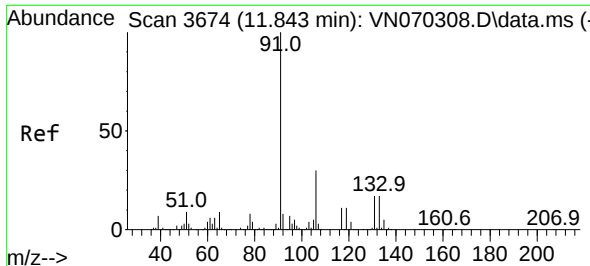
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.978 ug/l
RT: 11.838 min Scan# 3672
Delta R.T. -0.002 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Tgt Ion:131 Resp: 203346
Ion Ratio Lower Upper
131 100
133 91.6 47.9 143.7
119 65.0 32.1 96.5





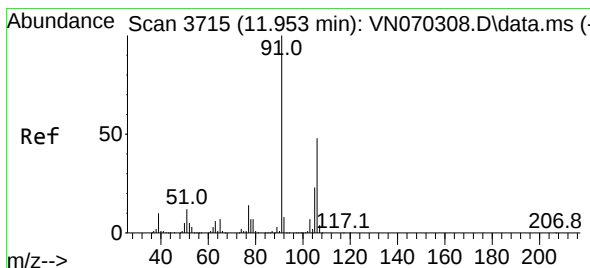
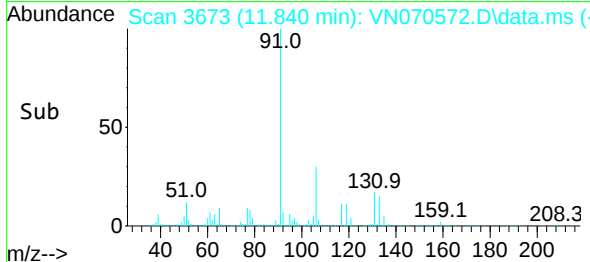
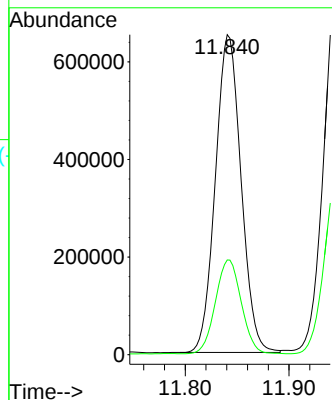
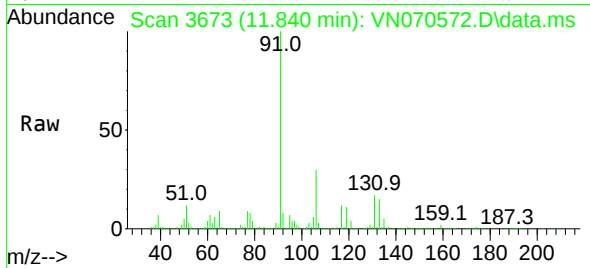
#67
Ethyl Benzene
Concen: 20.354 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion: 91 Resp: 111935
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5

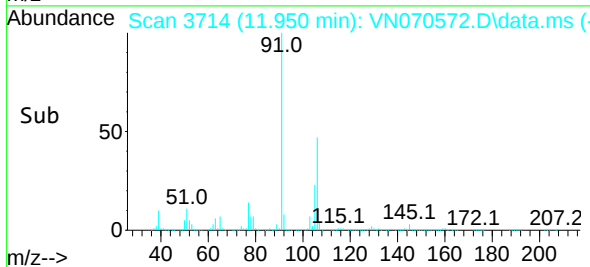
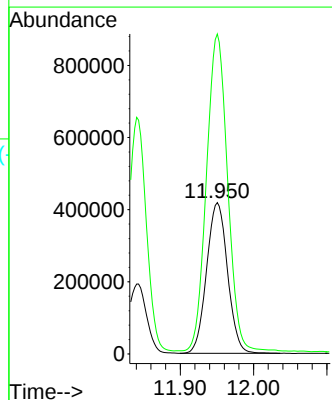
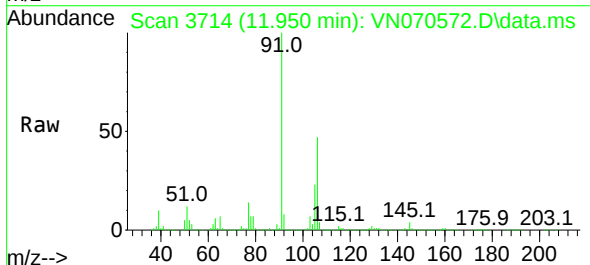
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#68
m/p-Xylenes
Concen: 41.411 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Tgt Ion:106 Resp: 828952
Ion Ratio Lower Upper
106 100
91 212.5 160.6 240.8





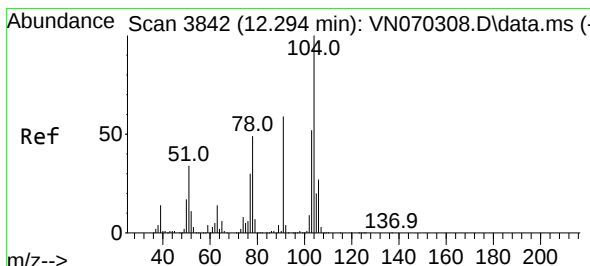
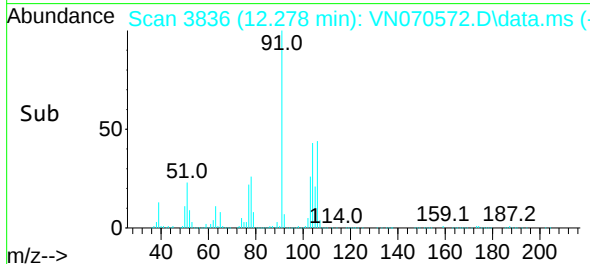
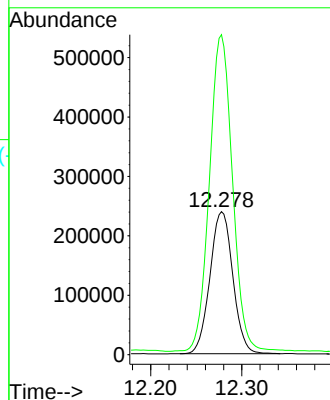
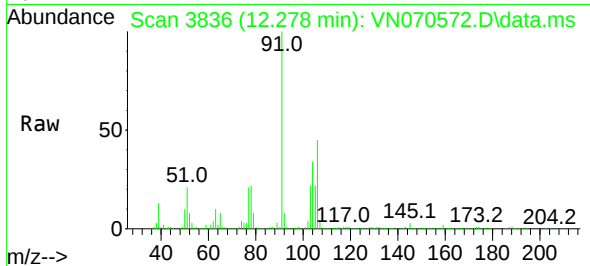
#69
o-Xylene
Concen: 20.953 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Instrument : MSVOA_N
ClientSampleId : VN0111MBSD01

Tgt Ion:106 Resp: 417189
Ion Ratio Lower Upper
106 100
91 224.4 105.8 317.3

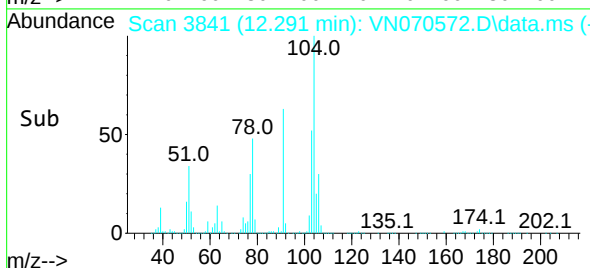
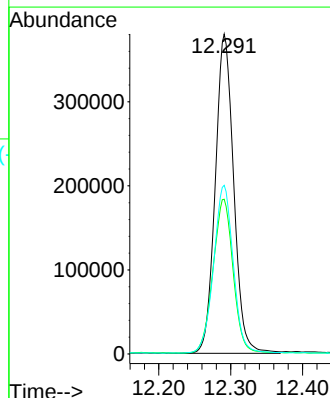
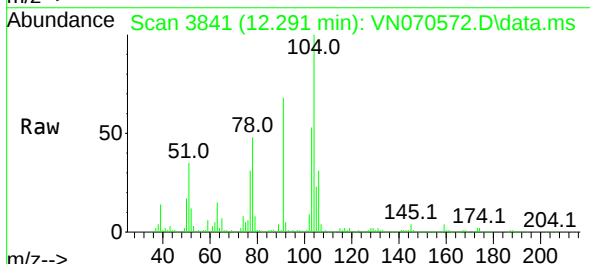
Manual Integrations
APPROVED

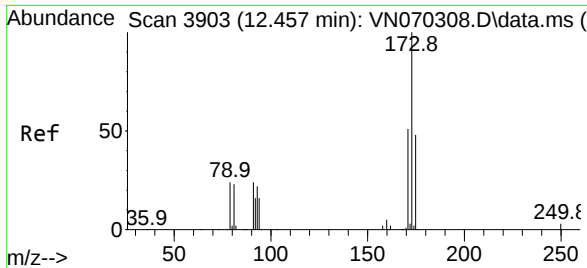
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#70
Styrene
Concen: 21.462 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Tgt Ion:104 Resp: 676334
Ion Ratio Lower Upper
104 100
78 52.3 38.7 58.1
103 55.7 45.0 67.6





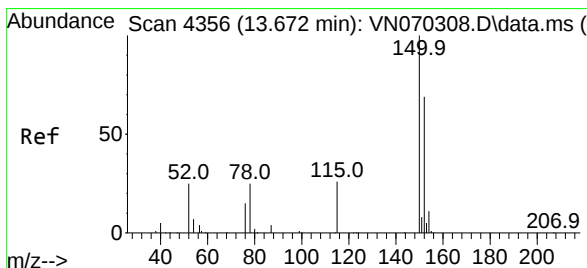
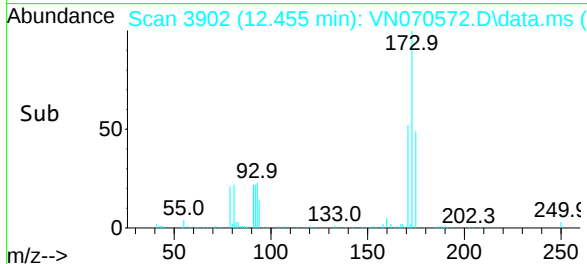
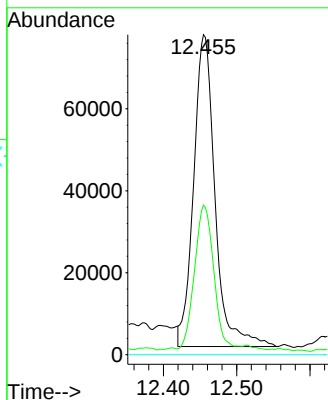
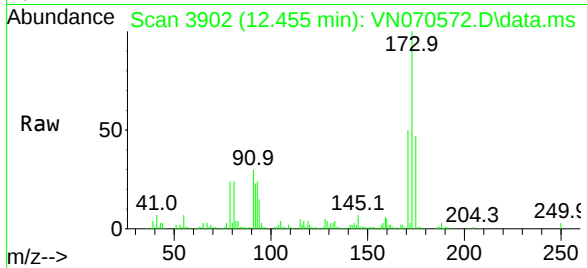
#71
Bromoform
Concen: 19.402 ug/l
RT: 12.455 min Scan# 3903
Delta R.T. -0.002 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBS01

Tgt Ion:173 Resp: 15429
Ion Ratio Lower Upper
173 100
175 41.1 24.2 72.6
254 0.0 0.0 0.0

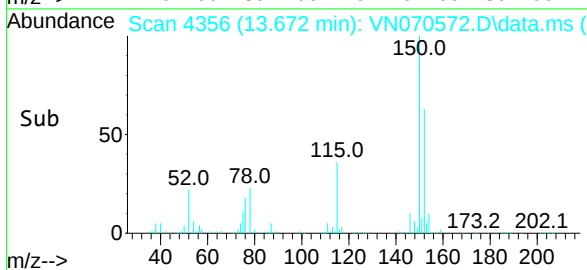
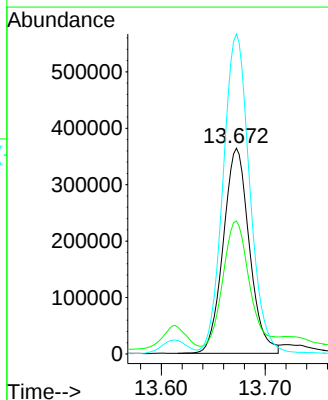
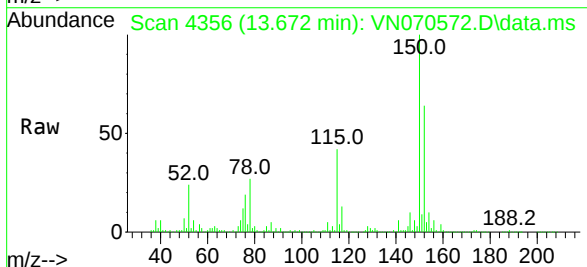
Manual Integrations
APPROVED

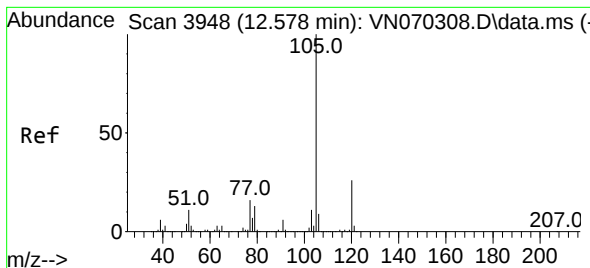
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Tgt Ion:152 Resp: 635820
Ion Ratio Lower Upper
152 100
115 61.5 27.5 82.5
150 159.5 0.0 344.4





#73

Isopropylbenzene

Concen: 18.331 ug/l

RT: 12.575 min Scan# 3948

Delta R.T. -0.003 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBSD01

Tgt Ion:105 Resp: 1082374

Ion Ratio Lower Upper

105 100

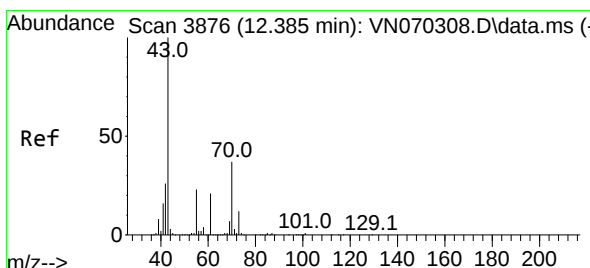
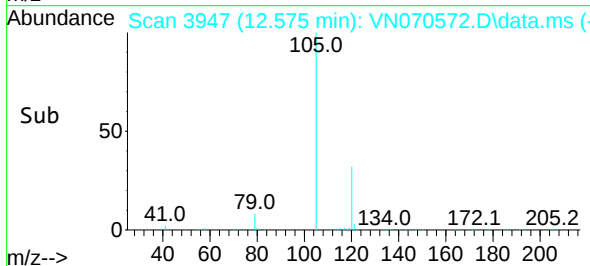
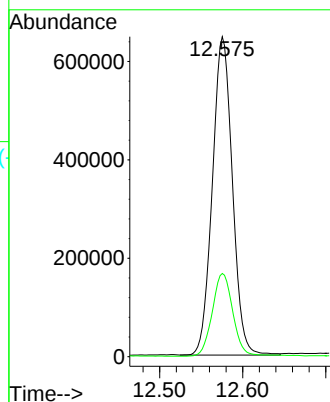
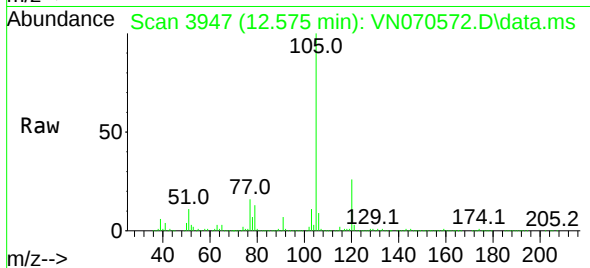
120 26.6 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#74

N-ethyl acetate

Concen: 17.193 ug/l

RT: 12.385 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Tgt Ion: 43 Resp: 426846

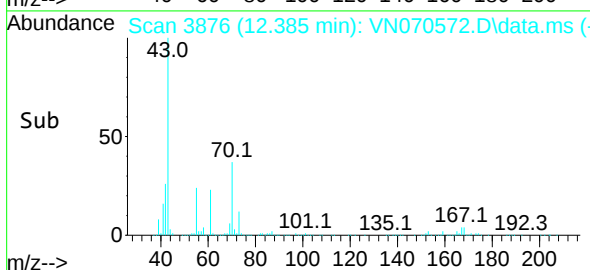
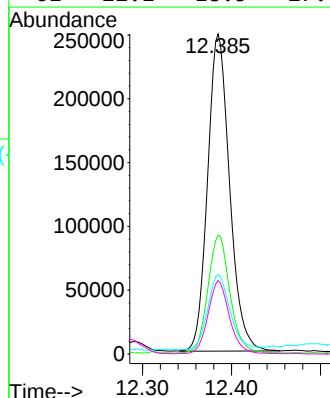
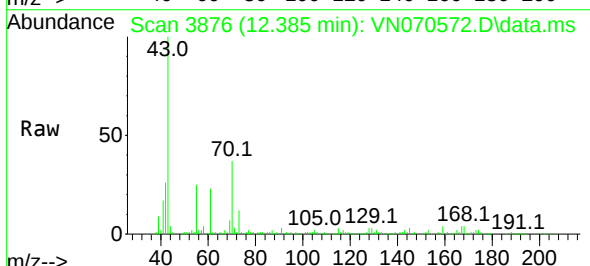
Ion Ratio Lower Upper

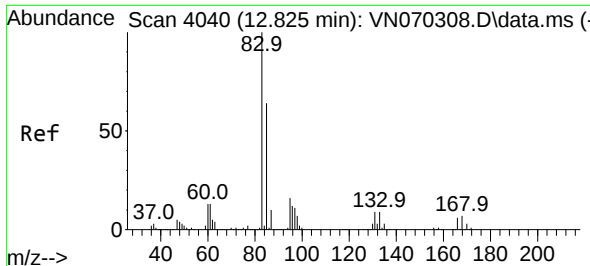
43 100

70 37.2 33.4 50.0

55 23.8 19.3 28.9

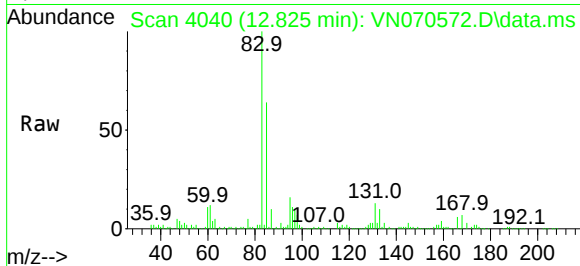
61 22.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 17.127 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

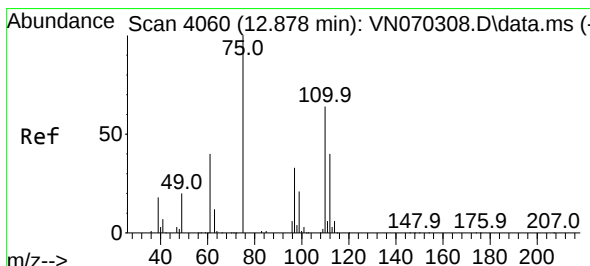
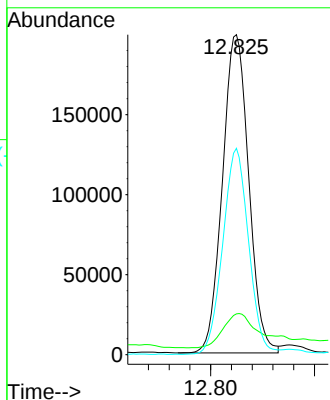
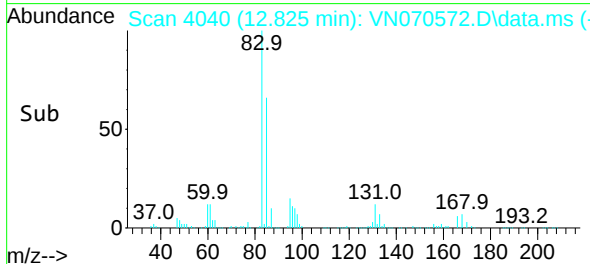
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



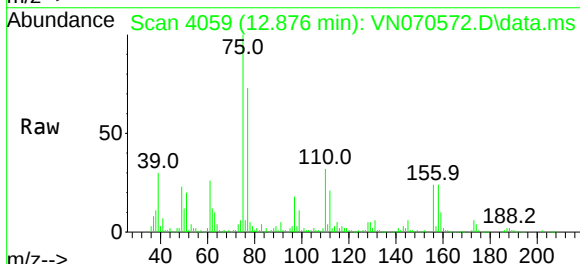
Tgt Ion: 83 Resp: 34928
Ion Ratio Lower Upper
83 100
131 13.8 5.5 16.5
85 63.6 32.4 97.2

Manual Integrations
APPROVED

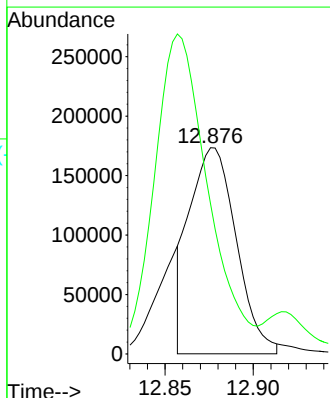
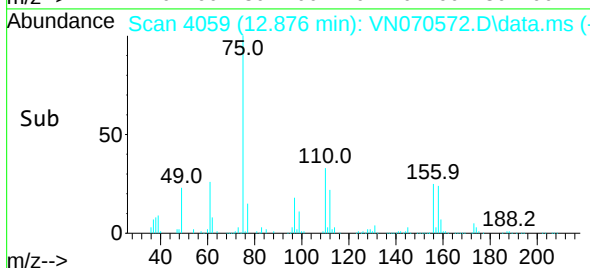
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

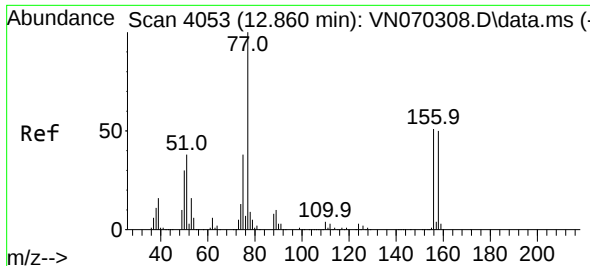


#76
1,2,3-Trichloropropane
Concen: 18.847 ug/l m
RT: 12.876 min Scan# 4059
Delta R.T. -0.002 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35



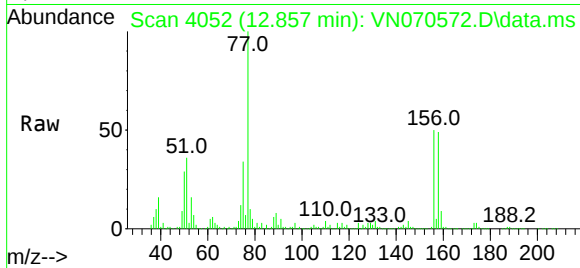
Tgt Ion: 75 Resp: 320838
Ion Ratio Lower Upper
75 100
77 174.7 82.6 247.8





#77
Bromobenzene
Concen: 17.958 ug/l
RT: 12.857 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

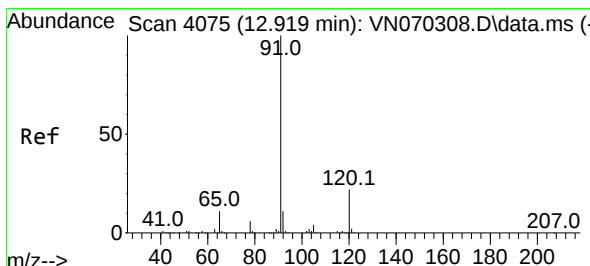
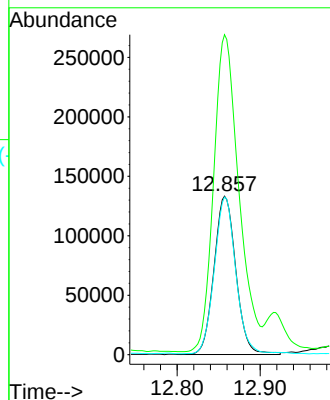
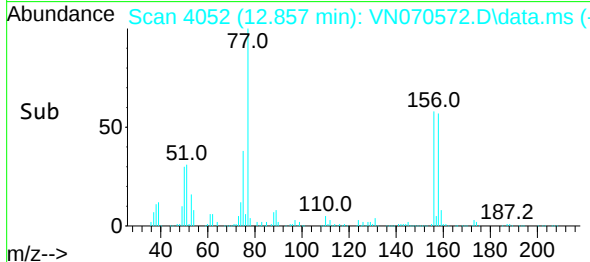
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



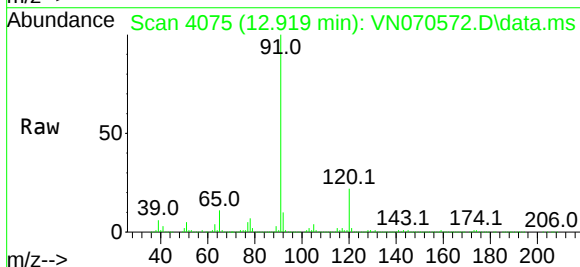
Tgt Ion:156 Resp: 243429
Ion Ratio Lower Upper
156 100
77 230.2 90.6 271.8
158 96.9 48.9 146.7

Manual Integrations
APPROVED

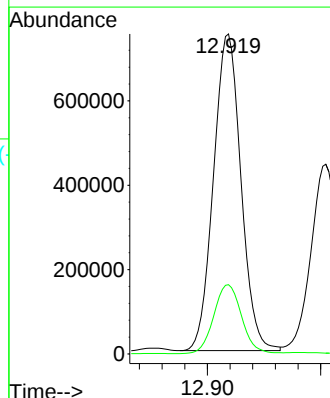
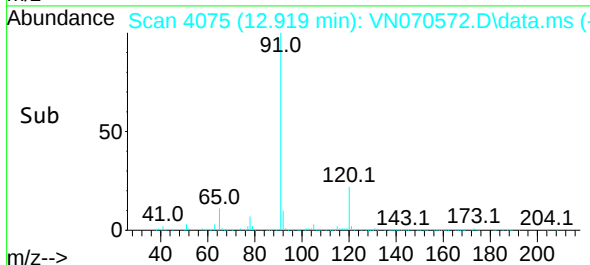
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

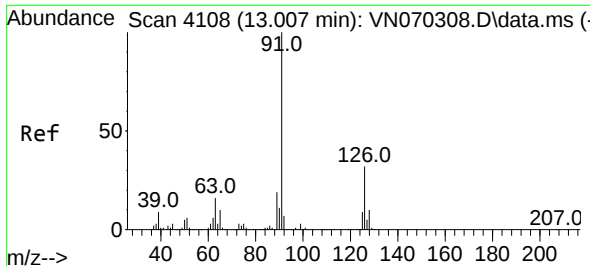


#78
n-propylbenzene
Concen: 19.319 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35



Tgt Ion: 91 Resp: 1263853
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





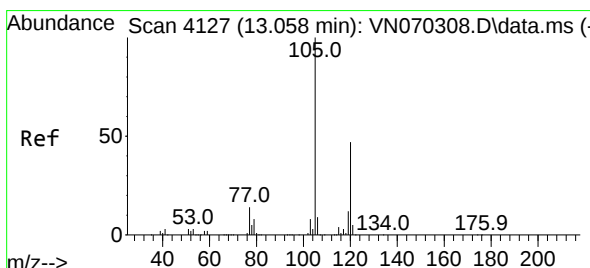
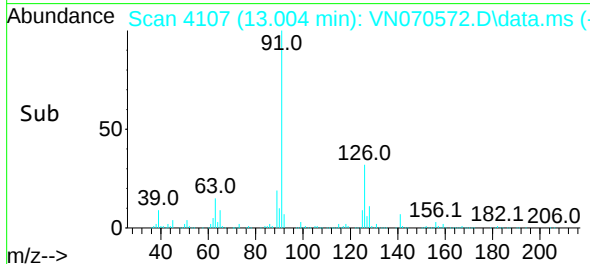
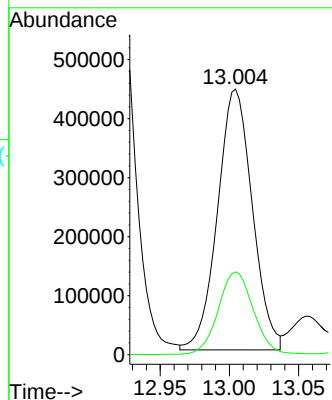
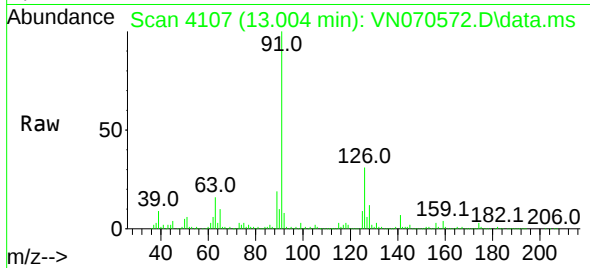
#79
2-Chlorotoluene
Concen: 18.416 ug/l
RT: 13.004 min Scan# 4107
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion: 91 Resp: 77304
Ion Ratio Lower Upper
91 100
126 32.1 18.3 54.8

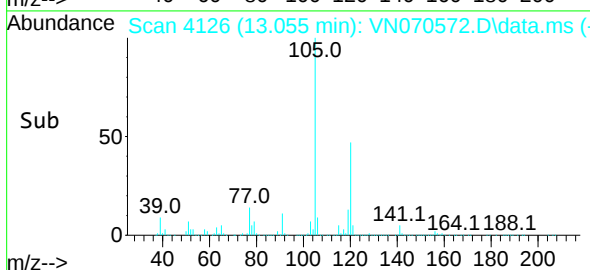
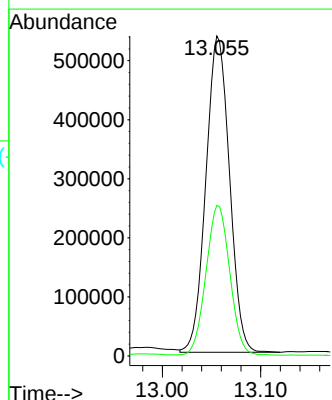
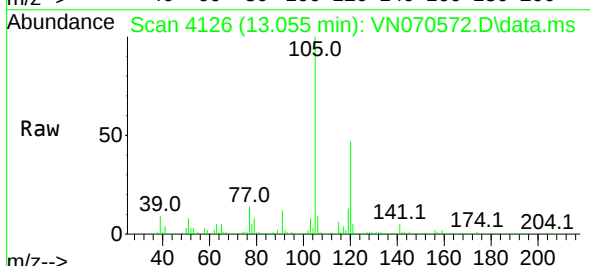
Manual Integrations
APPROVED

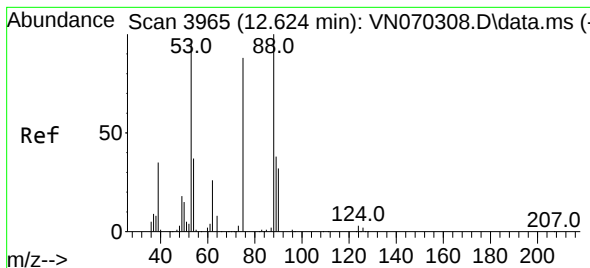
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.878 ug/l
RT: 13.055 min Scan# 4126
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Tgt Ion:105 Resp: 893245
Ion Ratio Lower Upper
105 100
120 47.6 24.6 73.6





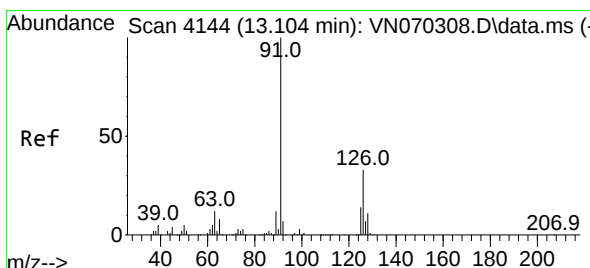
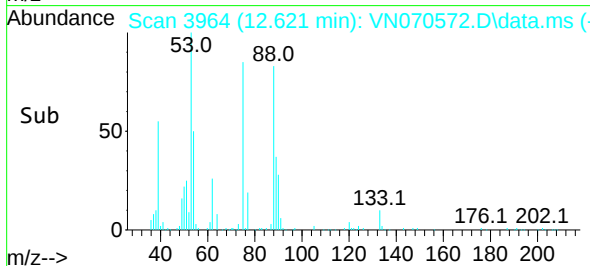
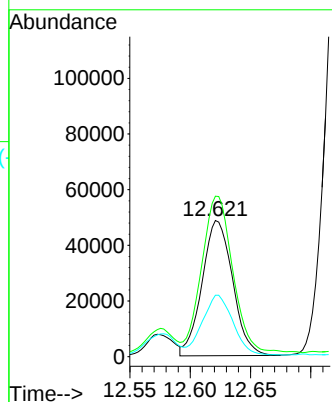
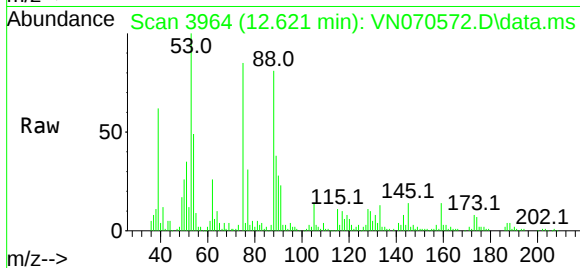
#81
trans-1,4-Dichloro-2-butene
Concen: 16.478 ug/l
RT: 12.621 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion: 75 Resp: 85752
Ion Ratio Lower Upper
75 100
53 115.8 90.5 135.7
89 44.5 38.2 57.4

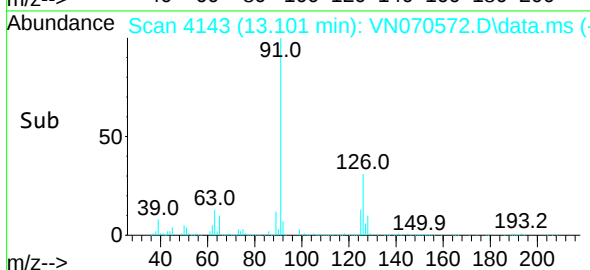
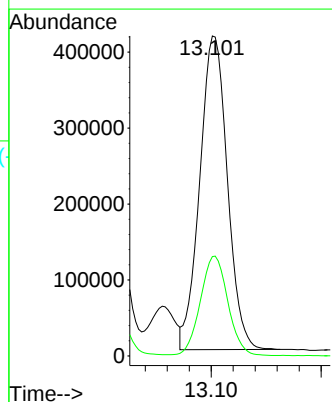
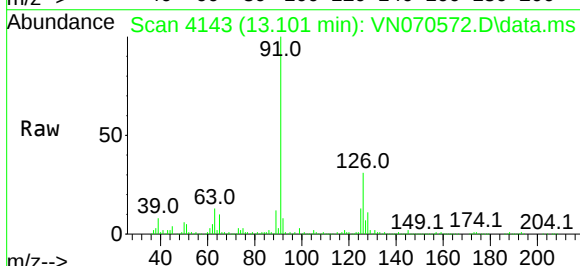
Manual Integrations
APPROVED

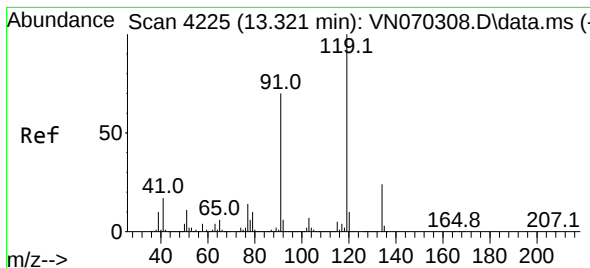
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#82
4-Chlorotoluene
Concen: 18.304 ug/l
RT: 13.101 min Scan# 4143
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Tgt Ion: 91 Resp: 719720
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83

tert-Butylbenzene

Concen: 19.079 ug/l

RT: 13.321 min Scan# 4225

Delta R.T. -0.000 min

Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBS01

Tgt Ion:119 Resp: 794878

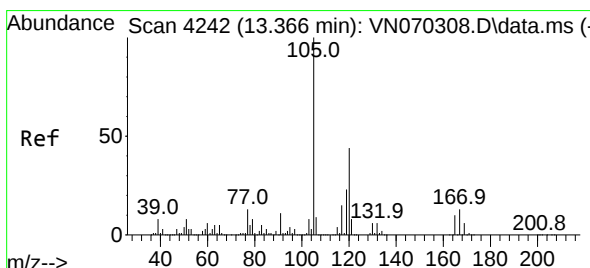
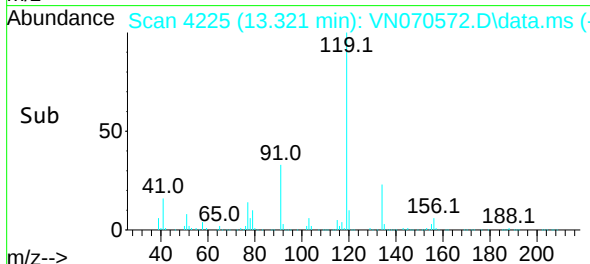
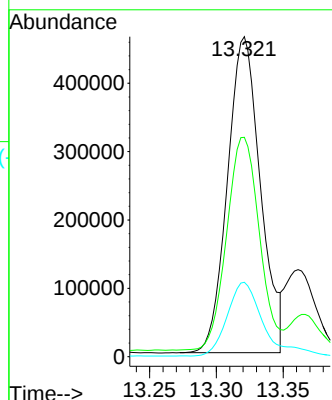
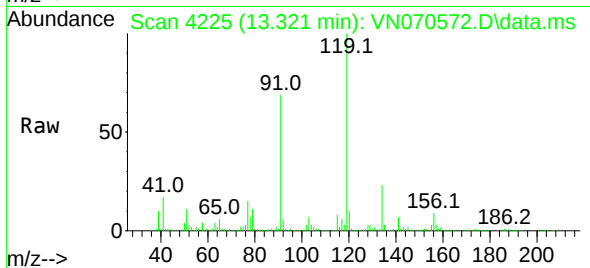
Ion	Ratio	Lower	Upper
119	100		
91	67.0	31.5	94.5
134	25.8	12.4	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#84

1,2,4-Trimethylbenzene

Concen: 19.155 ug/l

RT: 13.367 min Scan# 4242

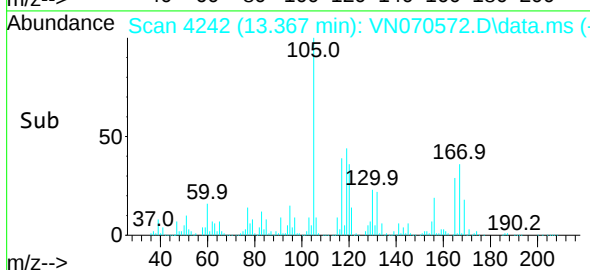
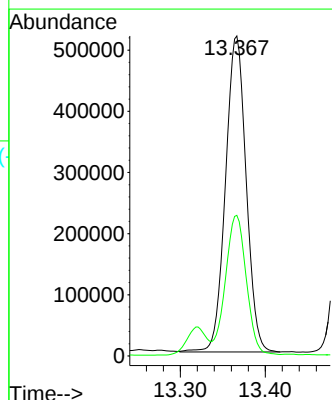
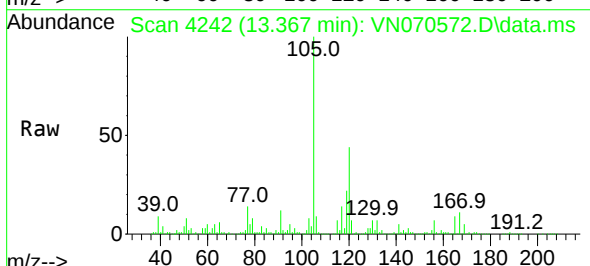
Delta R.T. 0.001 min

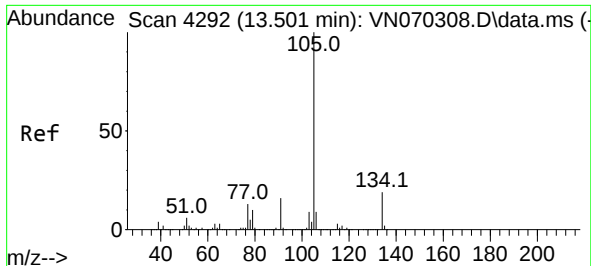
Lab File: VN070572.D

Acq: 11 Jan 2022 16:35

Tgt Ion:105 Resp: 872758

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.8	68.4





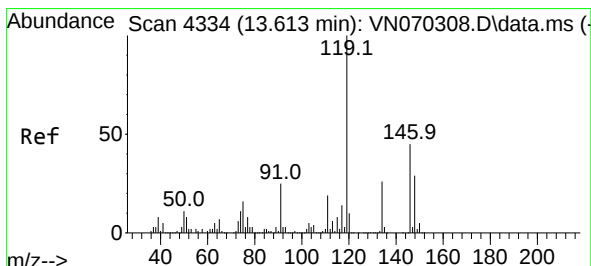
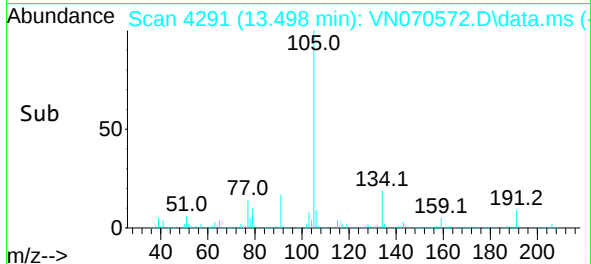
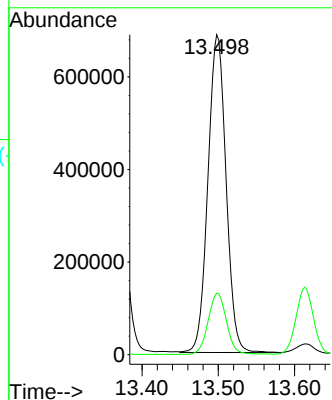
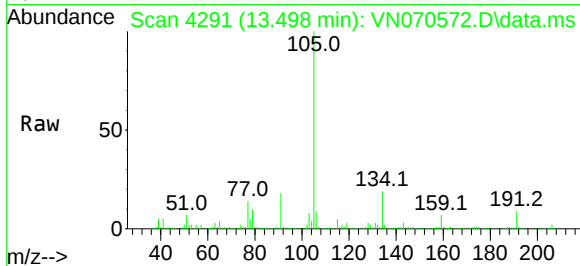
#85
 sec-Butylbenzene
 Concen: 20.015 ug/l
 RT: 13.498 min Scan# 4291
 Delta R.T. -0.003 min
 Lab File: VN070572.D
 Acq: 11 Jan 2022 16:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111MBSD01

Tgt Ion:105 Resp: 1132150
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

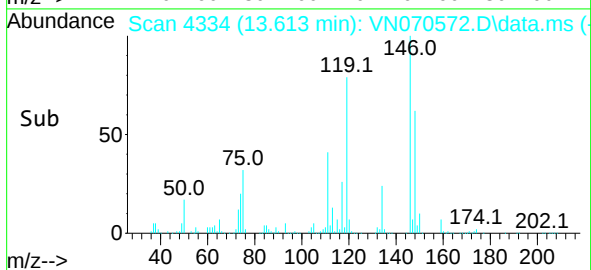
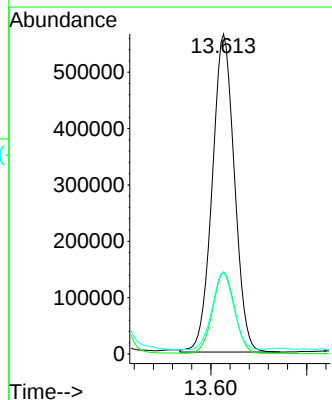
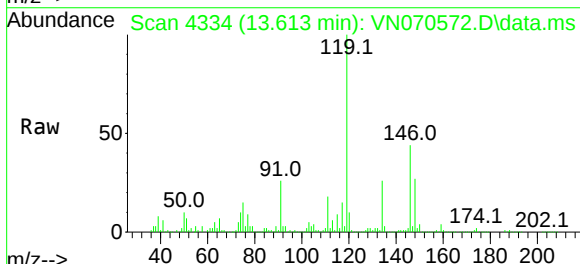
Manual Integrations
 APPROVED

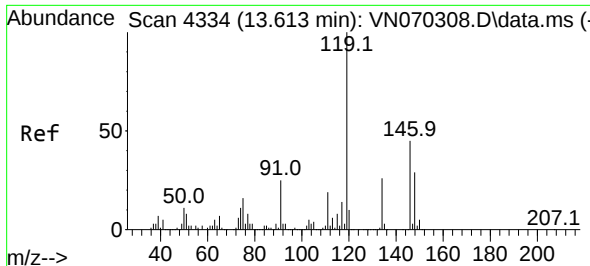
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022



#86
 p-Isopropyltoluene
 Concen: 20.430 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070572.D
 Acq: 11 Jan 2022 16:35

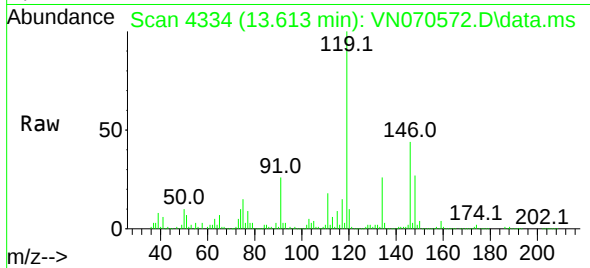
Tgt Ion:119 Resp: 907785
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.6 40.7
 91 23.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.078 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

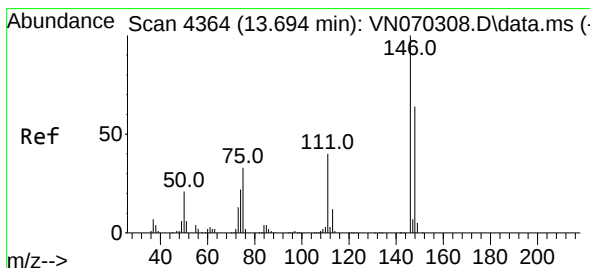
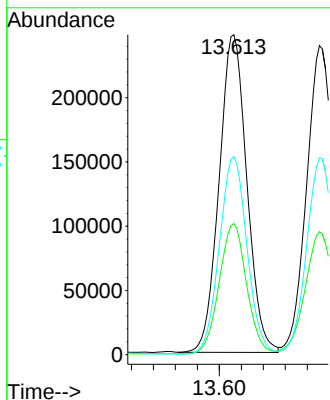
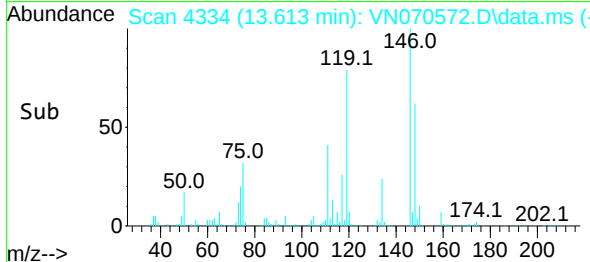
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion:146 Resp: 43294
Ion Ratio Lower Upper
146 100
111 40.5 18.6 55.6
148 61.9 31.6 95.0

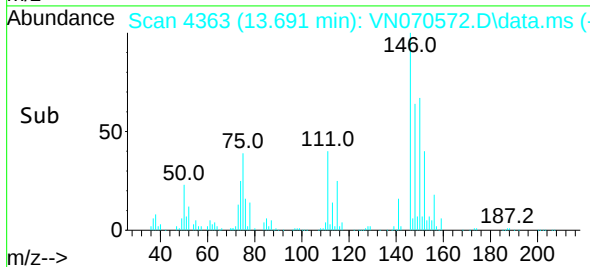
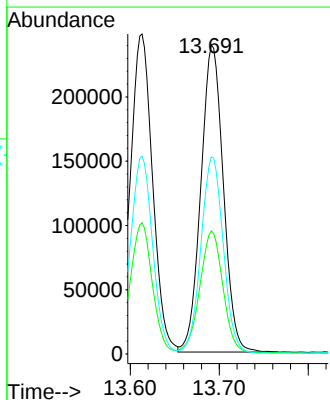
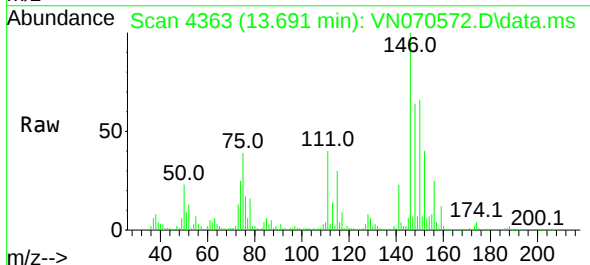
Manual Integrations
APPROVED

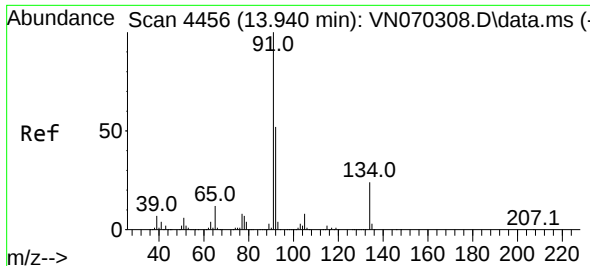
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#88
1,4-Dichlorobenzene
Concen: 18.690 ug/l
RT: 13.691 min Scan# 4363
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

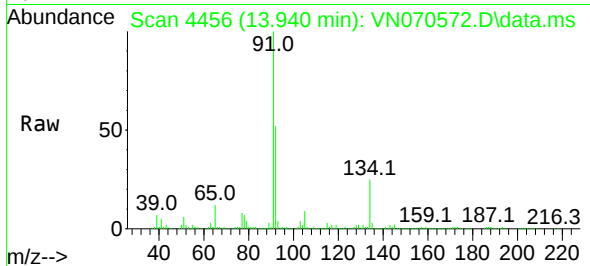
Tgt Ion:146 Resp: 418363
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 63.5 31.8 95.4





#89
n-Butylbenzene
Concen: 20.327 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

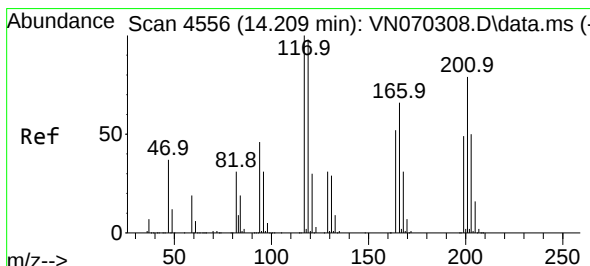
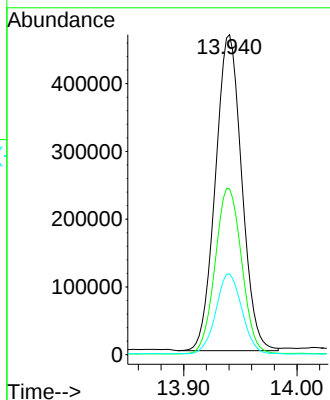
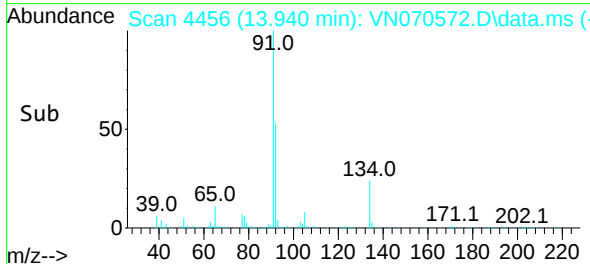
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion: 91 Resp: 753349
Ion Ratio Lower Upper
91 100
92 52.8 25.4 76.0
134 25.1 13.6 40.8

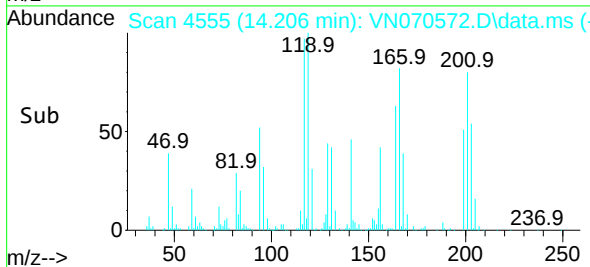
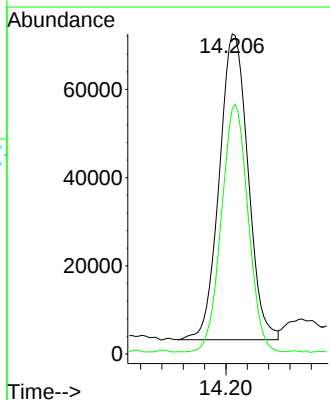
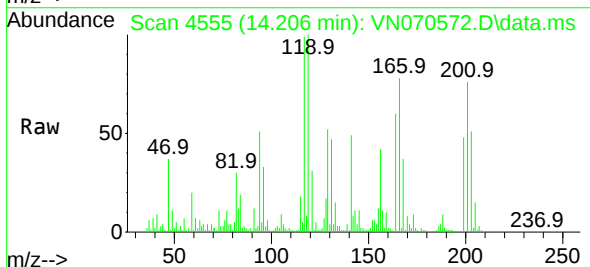
Manual Integrations
APPROVED

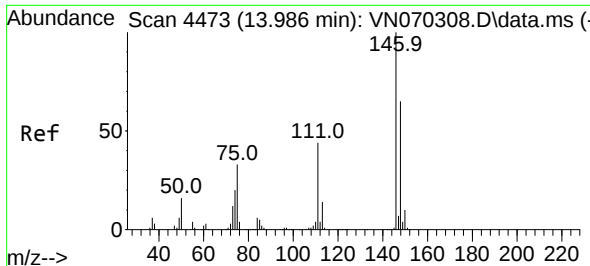
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#90
Hexachloroethane
Concen: 16.789 ug/l
RT: 14.206 min Scan# 4555
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

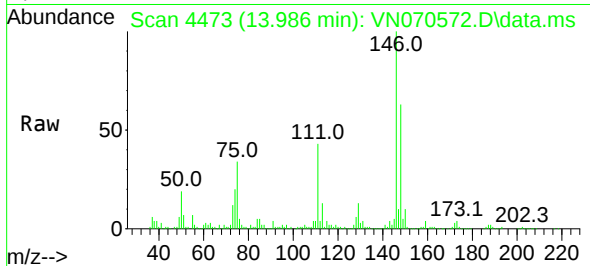
Tgt Ion:117 Resp: 129601
Ion Ratio Lower Upper
117 100
201 75.0 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.717 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. 0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

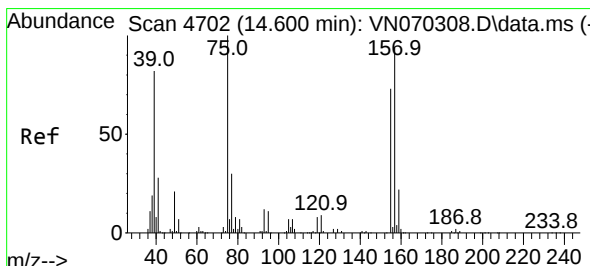
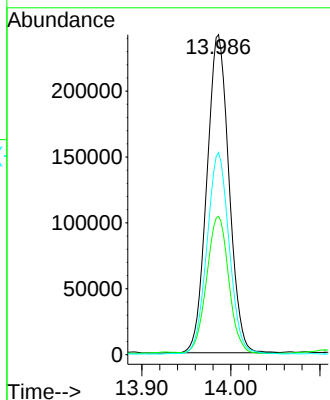
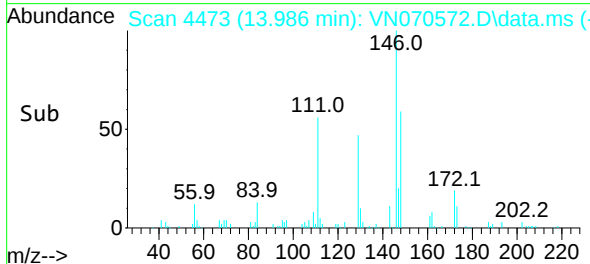
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



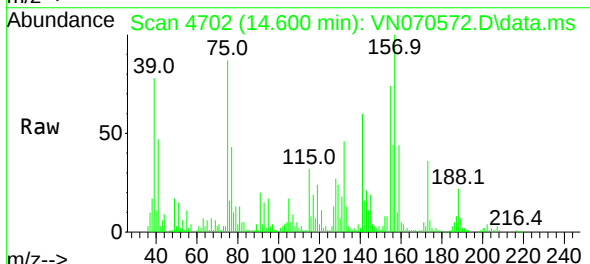
Tgt Ion:146 Resp: 416394
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 63.6 32.1 96.3

Manual Integrations
APPROVED

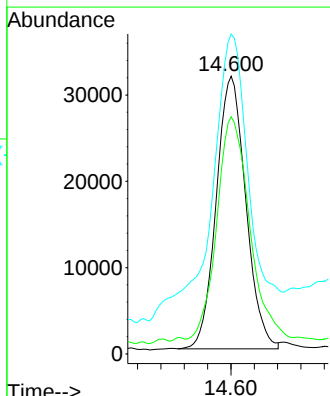
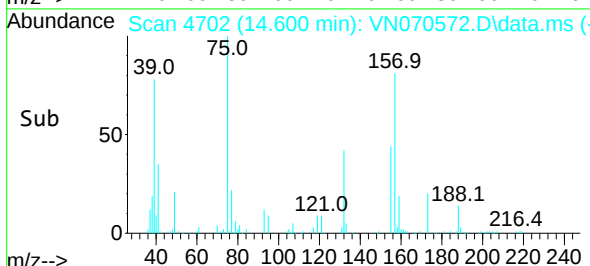
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

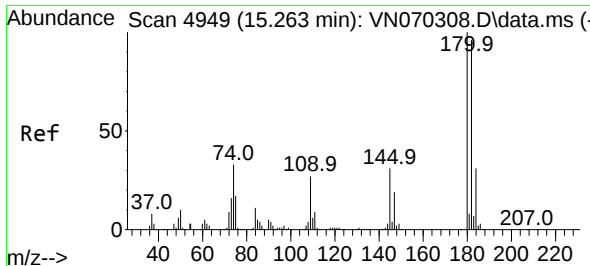


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.231 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. 0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35



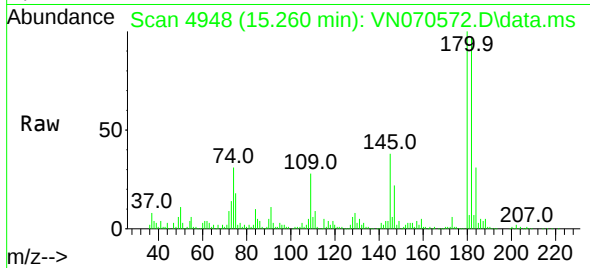
Tgt Ion: 75 Resp: 55517
Ion Ratio Lower Upper
75 100
155 89.3 46.9 140.7
157 133.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 20.582 ug/l
RT: 15.260 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

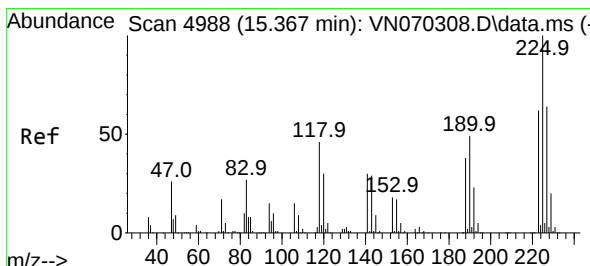
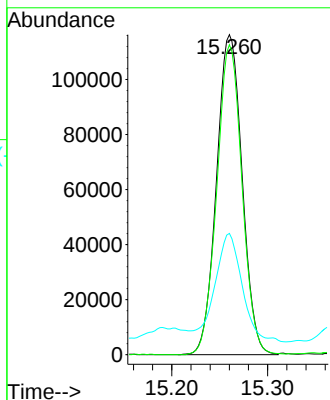
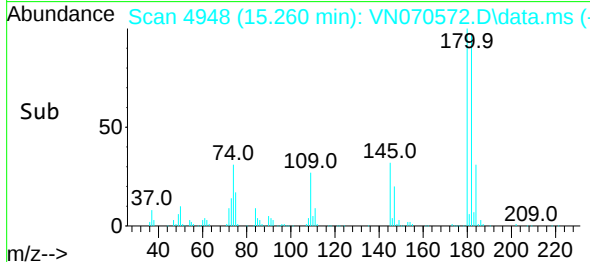
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



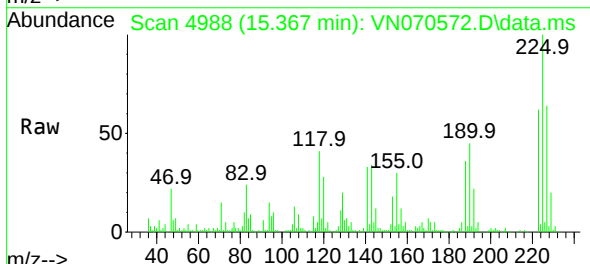
Tgt Ion:180 Resp: 215744
Ion Ratio Lower Upper
180 100
182 95.3 48.3 144.9
145 32.6 14.5 43.5

Manual Integrations
APPROVED

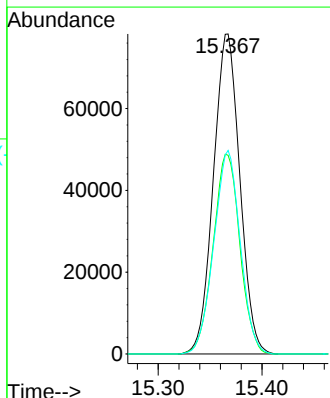
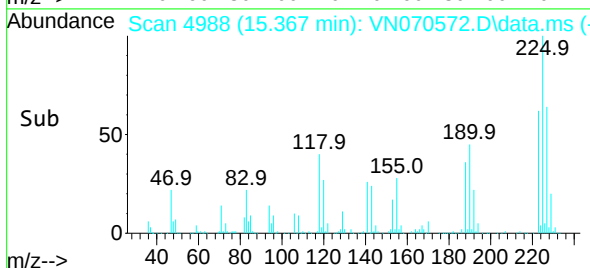
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

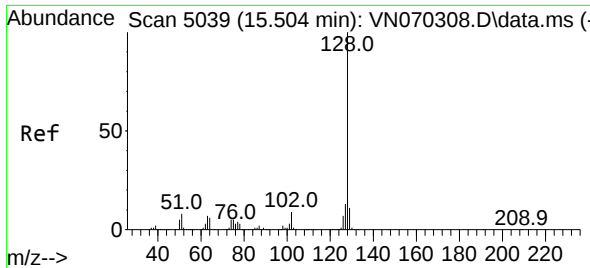


#94
Hexachlorobutadiene
Concen: 22.716 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. 0.000 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35



Tgt Ion:225 Resp: 138387
Ion Ratio Lower Upper
225 100
223 63.3 31.9 95.7
227 63.7 32.1 96.3





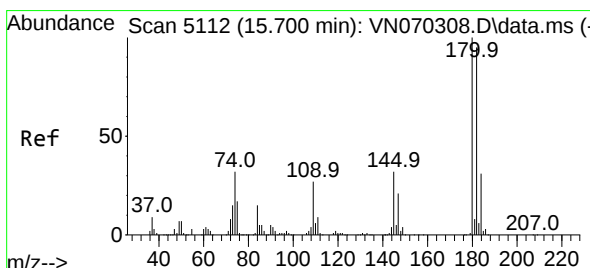
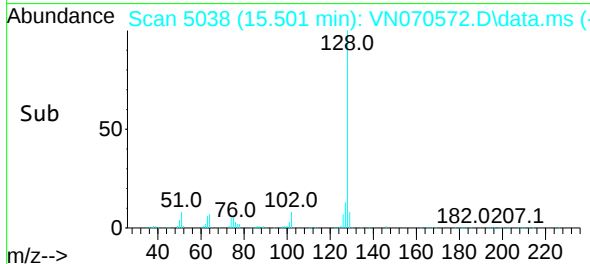
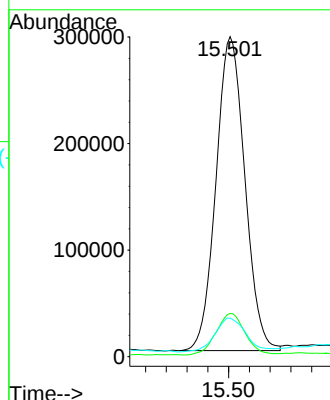
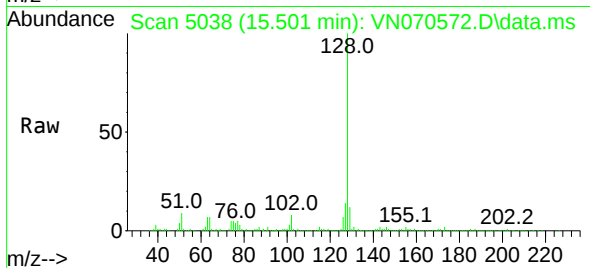
#95
Naphthalene
Concen: 20.731 ug/l
RT: 15.501 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion:128 Resp: 568970
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.493 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.003 min
Lab File: VN070572.D
Acq: 11 Jan 2022 16:35

Tgt Ion:180 Resp: 210692
Ion Ratio Lower Upper
180 100
182 94.4 47.4 142.2
145 36.3 15.0 45.1

