

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110221\
 Data File : VN069340.D
 Acq On : 2 Nov 2021 11:16
 Operator : JC/MD
 Sample : VN1102WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/03/2021
 Supervised By : Mahesh Dadoda 11/03/2021

Quant Time: Nov 03 00:47:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	236334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	407011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	380200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	166593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	176209	51.650	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.300%			
35) Dibromofluoromethane	8.024	113	130885	51.587	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.180%			
50) Toluene-d8	10.443	98	521282	51.386	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.780%			
62) 4-Bromofluorobenzene	12.731	95	191011	49.898	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	52774	19.535	ug/l	100
3) Chloromethane	2.306	50	55017	19.147	ug/l	99
4) Vinyl Chloride	2.445	62	65007	19.432	ug/l	99
5) Bromomethane	2.866	94	44556	22.423	ug/l	99
6) Chloroethane	3.025	64	42093	20.440	ug/l	98
7) Trichlorofluoromethane	3.376	101	102749	24.513	ug/l	99
8) Diethyl Ether	3.824	74	30473	20.438	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.202	101	46314	20.831	ug/l	100
10) Methyl Iodide	4.419	142	49676	16.986	ug/l	97
11) Tert butyl alcohol	5.385	59	55626	92.786	ug/l	100
12) 1,1-Dichloroethene	4.178	96	43511	20.469	ug/l	98
13) Acrolein	4.041	56	12056	80.248	ug/l	98
14) Allyl chloride	4.840	41	72187	19.196	ug/l	94
15) Acrylonitrile	5.556	53	143979	100.051	ug/l	99
16) Acetone	4.290	43	159650	109.835	ug/l	99
17) Carbon Disulfide	4.527	76	96261	17.006	ug/l	99
18) Methyl Acetate	4.859	43	98541	19.949	ug/l	97
19) Methyl tert-butyl Ether	5.621	73	167838	20.067	ug/l	99
20) Methylene Chloride	5.098	84	52888	18.970	ug/l	98
21) trans-1,2-Dichloroethene	5.602	96	46834	19.512	ug/l	95
22) Diisopropyl ether	6.498	45	158569	18.653	ug/l	99
23) Vinyl Acetate	6.436	43	609998	91.992	ug/l	98
24) 1,1-Dichloroethane	6.390	63	91127	20.276	ug/l	98
25) 2-Butanone	7.337	43	208882	94.788	ug/l	97
26) 2,2-Dichloropropane	7.326	77	75929	17.754	ug/l	100
27) cis-1,2-Dichloroethene	7.326	96	56924	20.071	ug/l	99
28) Bromochloromethane	7.656	49	47327	21.017	ug/l	96
29) Tetrahydrofuran	7.686	42	128246	91.453	ug/l	96
30) Chloroform	7.820	83	99281	20.320	ug/l	98
31) Cyclohexane	8.096	56	88399	19.361	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	84848	18.306	ug/l	98
36) 1,1-Dichloropropene	8.222	75	71431	20.357	ug/l	99
37) Ethyl Acetate	7.418	43	78823	19.713	ug/l	98
38) Carbon Tetrachloride	8.206	117	70856	18.368	ug/l	98
39) Methylcyclohexane	9.461	83	87968	20.247	ug/l	95
40) Benzene	8.461	78	215894	20.456	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	37458	19.002	ug/l	91
42) 1,2-Dichloroethane	8.531	62	82356	20.735	ug/l	99
43) Isopropyl Acetate	8.563	43	128847	18.766	ug/l	98
44) Trichloroethene	9.217	130	54419	20.476	ug/l	99
45) 1,2-Dichloropropane	9.491	63	55109	20.510	ug/l	97
46) Dibromomethane	9.577	93	39359	20.617	ug/l	99
47) Bromodichloromethane	9.762	83	72779	18.515	ug/l	98
48) Methyl methacrylate	9.561	41	54670	18.116	ug/l #	83
49) 1,4-Dioxane	9.569	88	24650	360.326	ug/l	95
51) 4-Methyl-2-Pentanone	10.330	43	404819	93.303	ug/l	99
52) Toluene	10.505	92	140382	20.282	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	76161	17.725	ug/l	96
54) cis-1,3-Dichloropropene	10.188	75	84737	18.592	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	56373	20.301	ug/l	97
56) Ethyl methacrylate	10.762	69	88154	18.381	ug/l	97
57) 1,3-Dichloropropane	11.046	76	94464	20.392	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	102783	87.658	ug/l	99
59) 2-Hexanone	11.087	43	302154	92.270	ug/l	100
60) Dibromochloromethane	11.239	129	52304	17.866	ug/l	100
61) 1,2-Dibromoethane	11.347	107	57835	18.766	ug/l	98
64) Tetrachloroethene	10.979	164	49678	20.456	ug/l	99
65) Chlorobenzene	11.771	112	148189	19.806	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	52778	18.489	ug/l	98
67) Ethyl Benzene	11.846	91	276491	20.285	ug/l	99
68) m/p-Xylenes	11.953	106	204072	40.192	ug/l	98
69) o-Xylene	12.280	106	101800	19.921	ug/l	99
70) Styrene	12.294	104	164659	18.669	ug/l	99
71) Bromoform	12.460	173	35137	16.925	ug/l #	98
73) Isopropylbenzene	12.580	105	268740	19.191	ug/l	99
74) N-amyl acetate	12.390	43	96554	17.503	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.827	83	88489	19.795	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	84754m	19.343	ug/l	
77) Bromobenzene	12.862	156	61980	18.867	ug/l	98
78) n-propylbenzene	12.921	91	309532	19.528	ug/l	99
79) 2-Chlorotoluene	13.007	91	189069	18.939	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	224353	19.299	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	20554	16.873	ug/l #	85
82) 4-Chlorotoluene	13.103	91	184253	18.713	ug/l	99
83) tert-Butylbenzene	13.323	119	193592	19.087	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	219733	19.325	ug/l	99
85) sec-Butylbenzene	13.503	105	275205	19.584	ug/l	99
86) p-Isopropyltoluene	13.616	119	219536	19.588	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	110117	19.160	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	110828	19.904	ug/l	98
89) n-Butylbenzene	13.943	91	181057	19.077	ug/l	100
90) Hexachloroethane	14.211	117	34180	16.805	ug/l	97
91) 1,2-Dichlorobenzene	13.989	146	107611	19.219	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.603	75	16187	18.544	ug/l	94
93) 1,2,4-Trichlorobenzene	15.265	180	51535	20.587	ug/l	97
94) Hexachlorobutadiene	15.372	225	28998	21.045	ug/l	98
95) Naphthalene	15.507	128	147889	19.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	52092	21.049	ug/l	98

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ClientSampleId :
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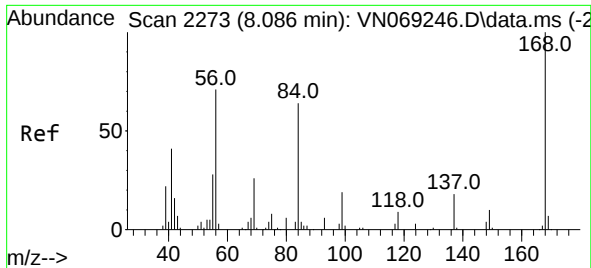
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 28 16:09:15 2021
Response via : Initial Calibration

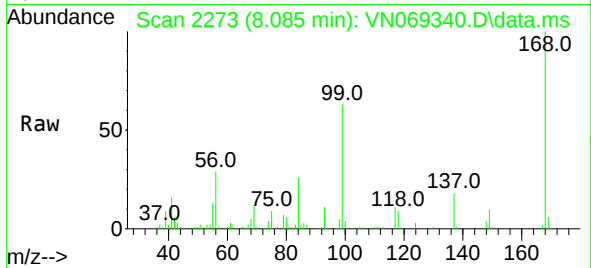
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
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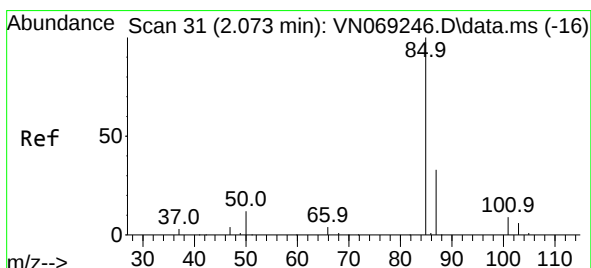
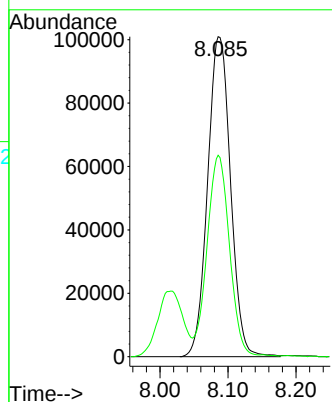
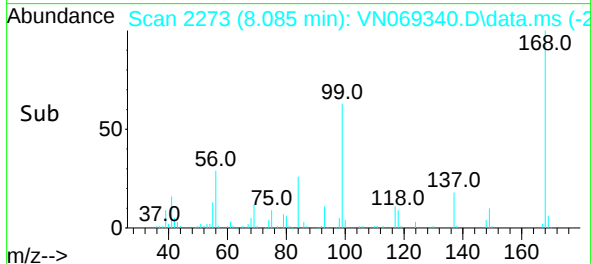
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



Tgt Ion:168 Resp: 236334
Ion Ratio Lower Upper
168 100
99 62.7 48.9 73.3

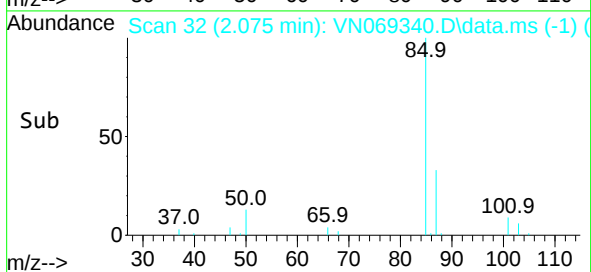
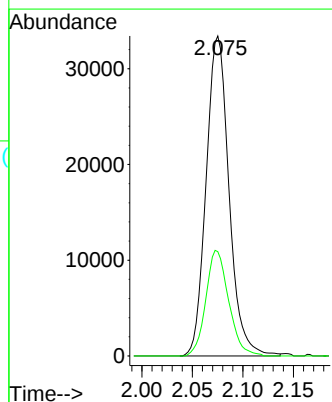
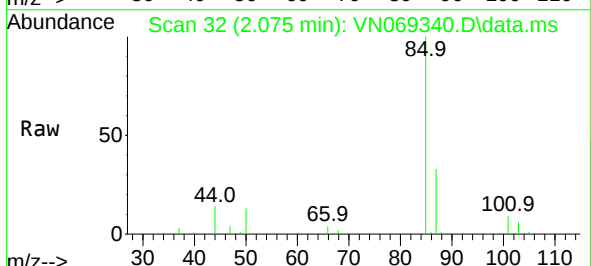
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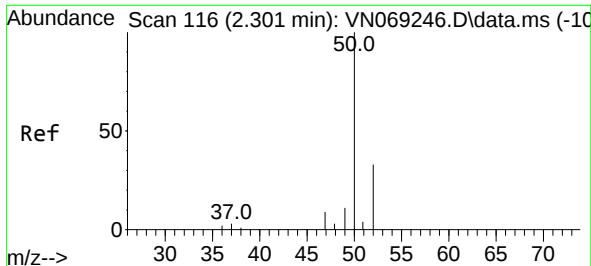
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#2
Dichlorodifluoromethane
Concen: 19.535 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Tgt Ion: 85 Resp: 52774
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.8





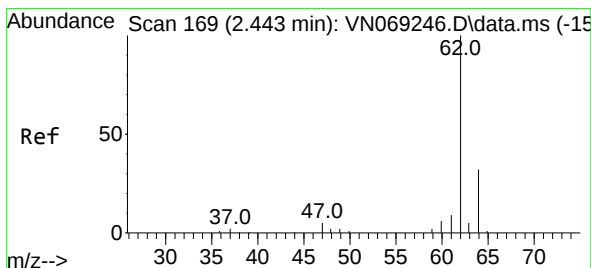
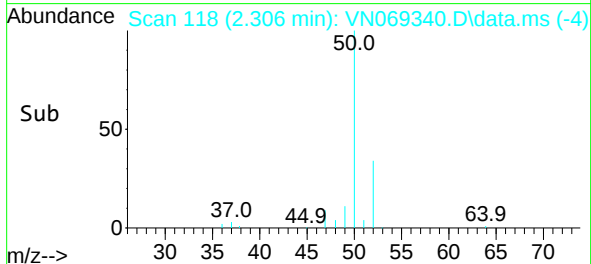
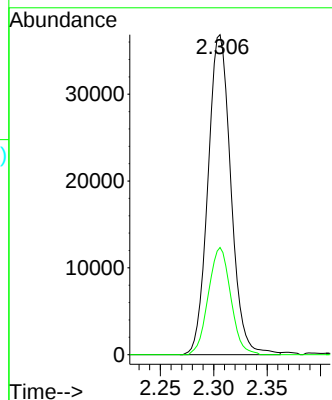
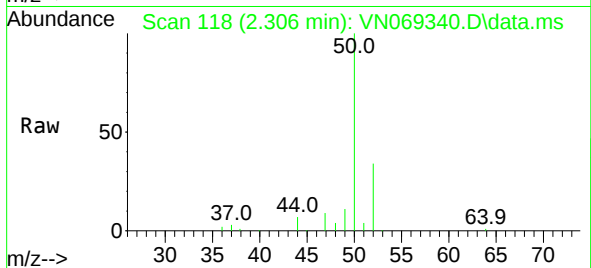
#3
Chloromethane
Concen: 19.147 ug/l
RT: 2.306 min Scan# 116
Delta R.T. 0.005 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Instrument :
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Tgt Ion: 50 Resp: 55017
Ion Ratio Lower Upper
50 100
52 33.5 26.3 39.5

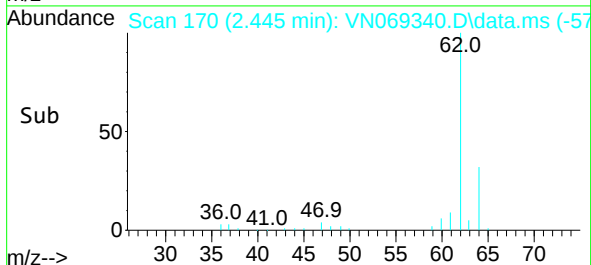
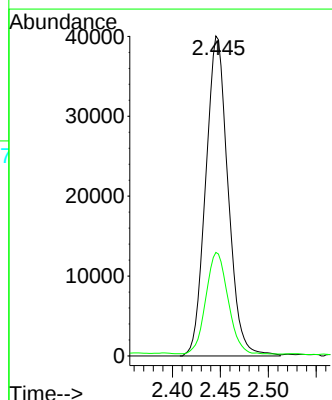
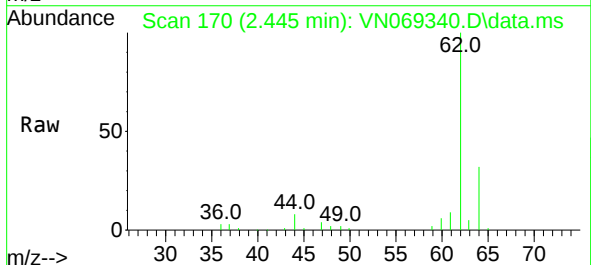
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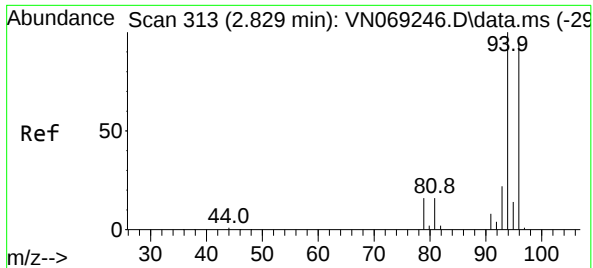
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#4
Vinyl Chloride
Concen: 19.432 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.002 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

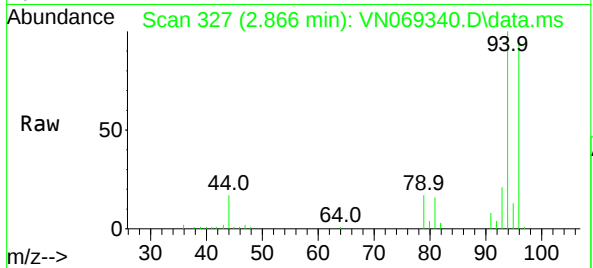
Tgt Ion: 62 Resp: 65007
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5





#5
Bromomethane
Concen: 22.423 ug/l
RT: 2.866 min Scan# 313
Delta R.T. 0.037 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

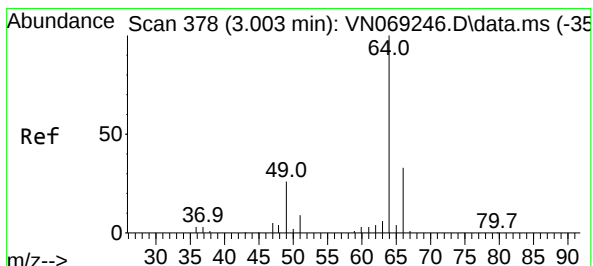
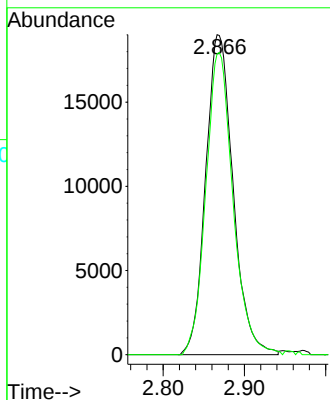
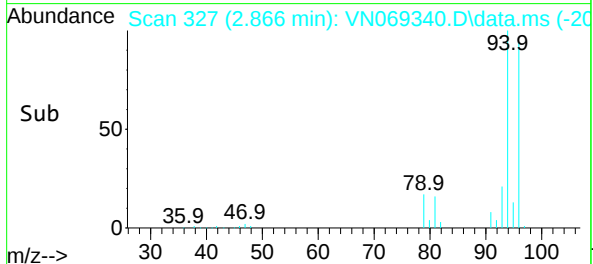
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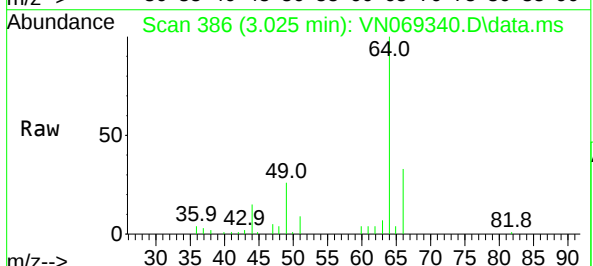
Tgt Ion: 94 Resp: 44550
Ion Ratio Lower Upper
94 100
96 94.0 74.2 111.4

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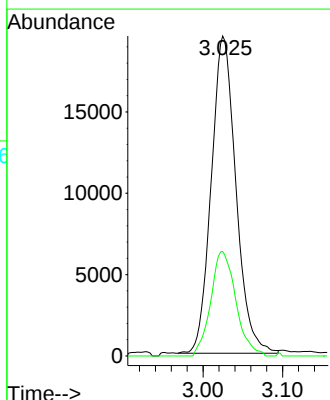
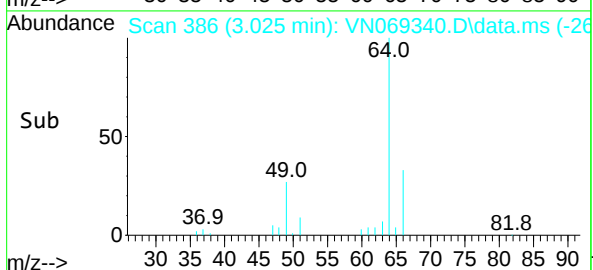
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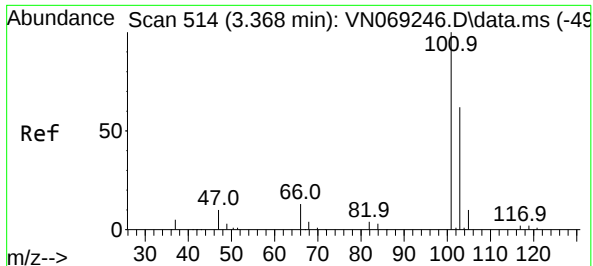


#6
Chloroethane
Concen: 20.440 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.022 min
Lab File: VN069340.D
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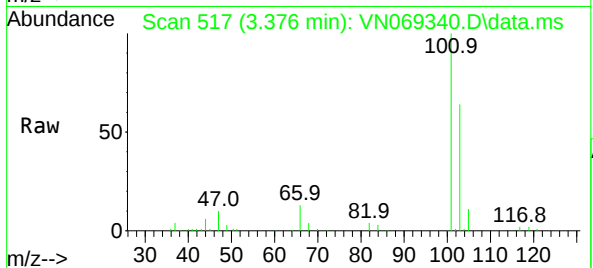
Tgt Ion: 64 Resp: 42093
Ion Ratio Lower Upper
64 100
66 32.9 25.6 38.4





#7
Trichlorofluoromethane
Concen: 24.513 ug/l
RT: 3.376 min Scan# 514
Delta R.T. 0.008 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

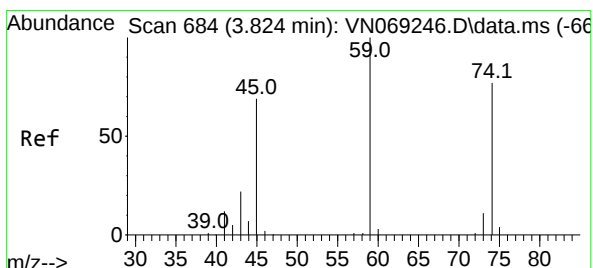
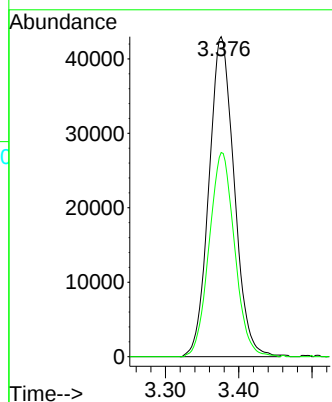
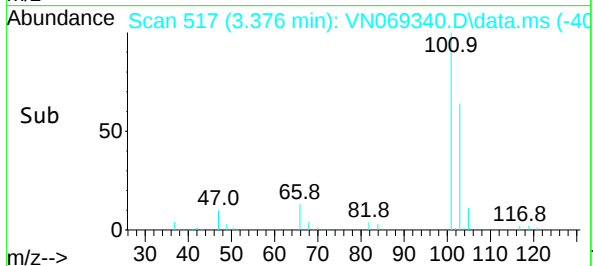
Instrument :
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ClientSampleId :
VN1102WBSD01



Tgt Ion:101 Resp: 102749
Ion Ratio Lower Upper
101 100
103 63.8 51.7 77.5

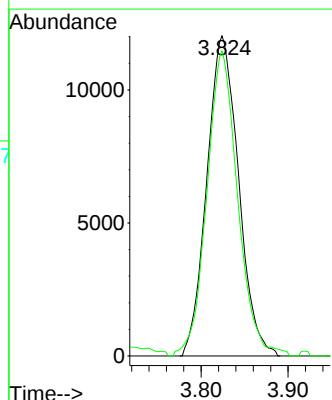
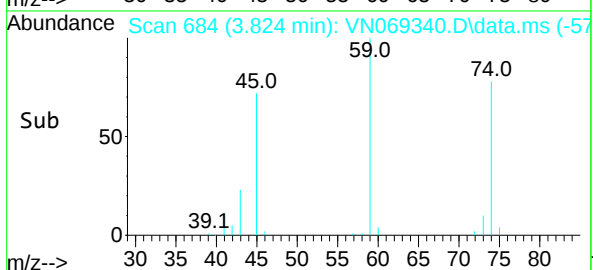
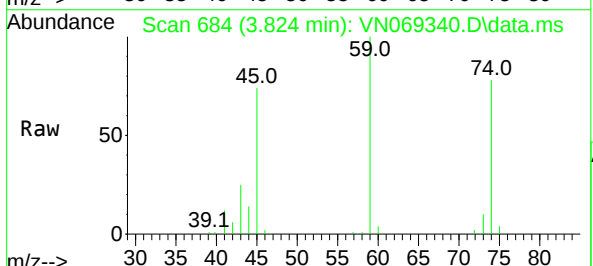
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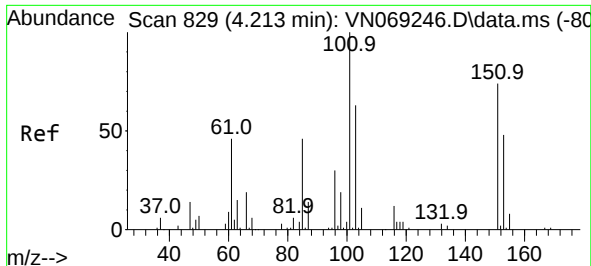
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#8
Diethyl Ether
Concen: 20.438 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Tgt Ion: 74 Resp: 30473
Ion Ratio Lower Upper
74 100
45 92.6 47.0 141.2





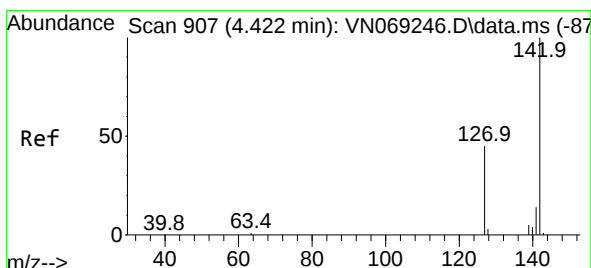
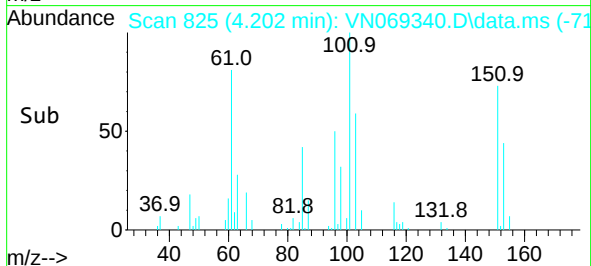
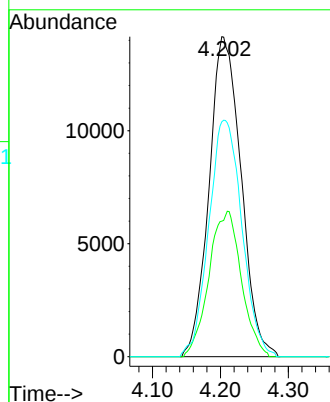
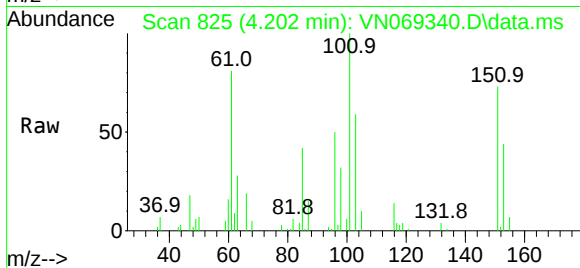
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.831 ug/l
RT: 4.202 min Scan# 81
Delta R.T. -0.011 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tgt Ion:101 Resp: 46314
Ion Ratio Lower Upper
101 100
85 46.0 37.2 55.8
151 76.6 61.1 91.7

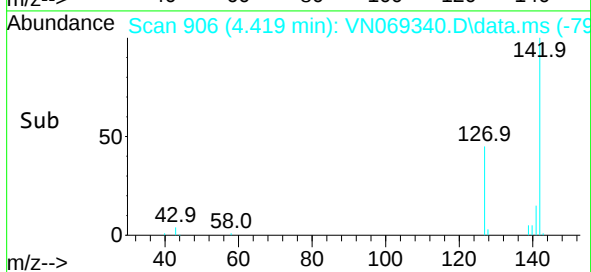
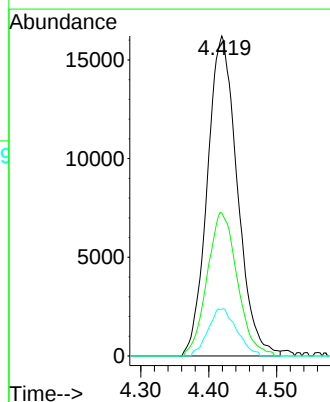
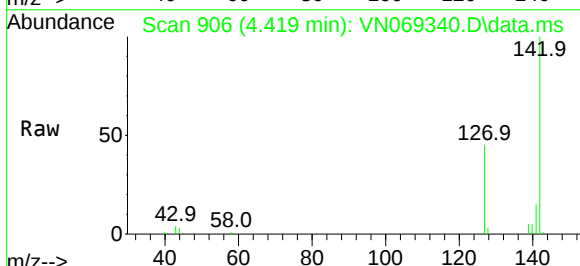
Manual Integrations
APPROVED

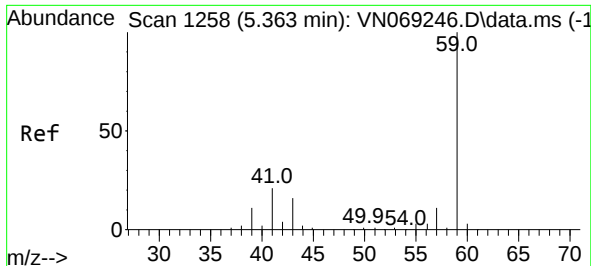
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#10
Methyl Iodide
Concen: 16.986 ug/l
RT: 4.419 min Scan# 906
Delta R.T. -0.003 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Tgt Ion:142 Resp: 49676
Ion Ratio Lower Upper
142 100
127 45.2 34.4 51.6
141 14.1 11.3 16.9





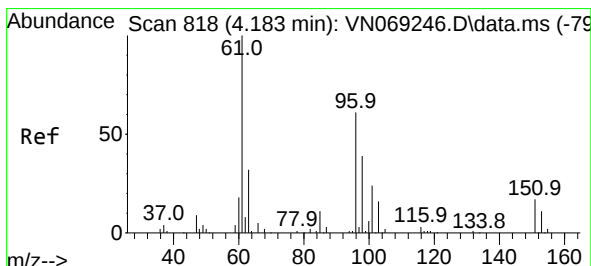
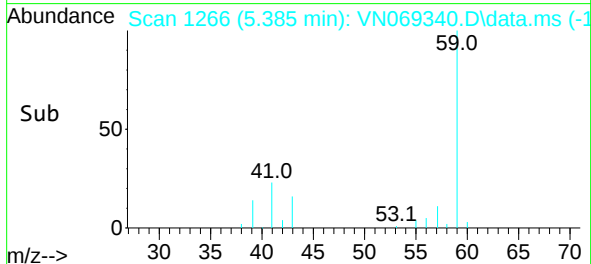
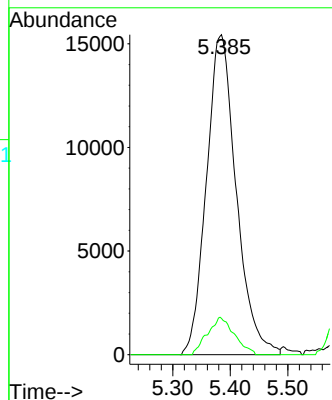
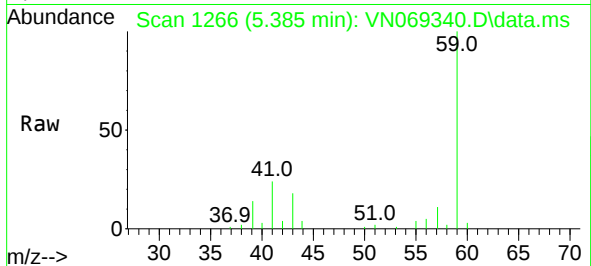
#11
Tert butyl alcohol
Concen: 92.786 ug/l
RT: 5.385 min Scan# 11
Delta R.T. 0.022 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tgt Ion: 59 Resp: 55620
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

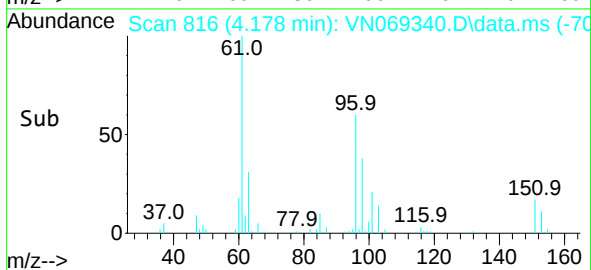
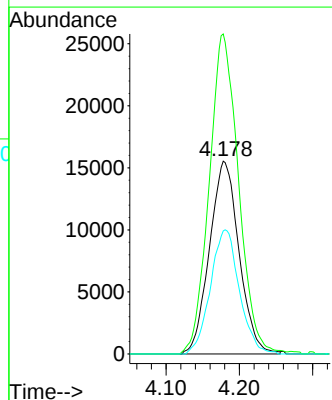
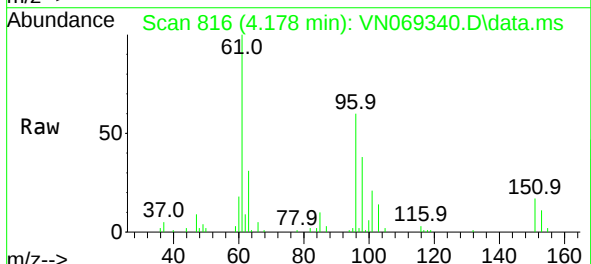
Manual Integrations
APPROVED

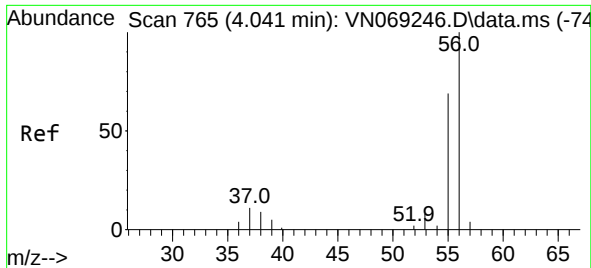
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#12
1,1-Dichloroethene
Concen: 20.469 ug/l
RT: 4.178 min Scan# 816
Delta R.T. -0.005 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

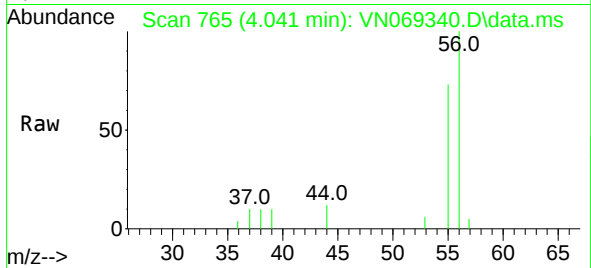
Tgt Ion: 96 Resp: 43511
Ion Ratio Lower Upper
96 100
61 166.0 129.8 194.6
98 63.8 51.4 77.2





#13
Acrolein
Concen: 80.248 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

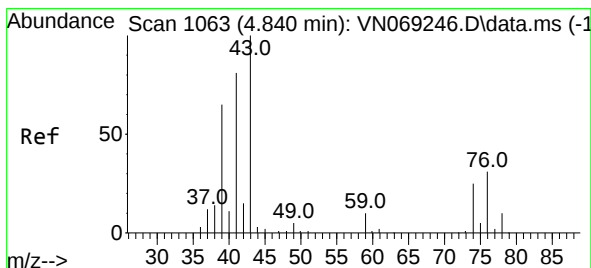
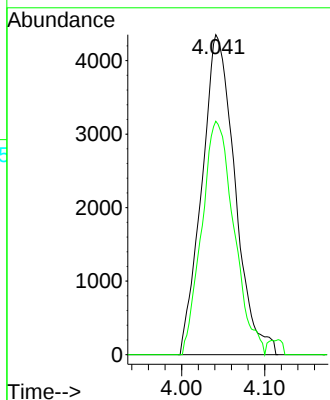
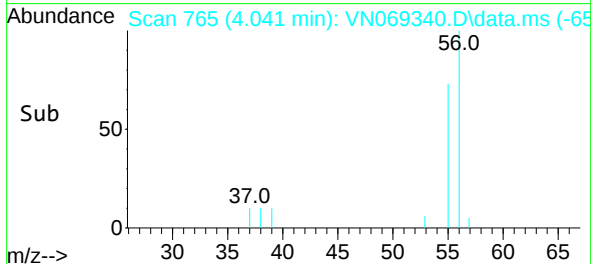
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



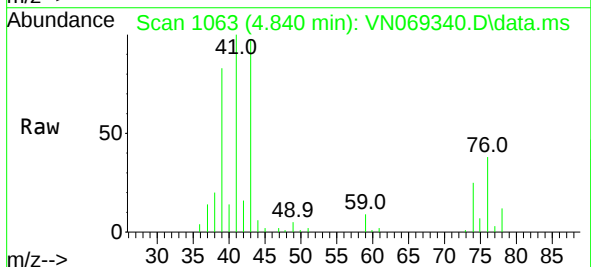
Tgt Ion: 56 Resp: 1205
Ion Ratio Lower Upper
56 100
55 71.0 58.1 87.1

Manual Integrations
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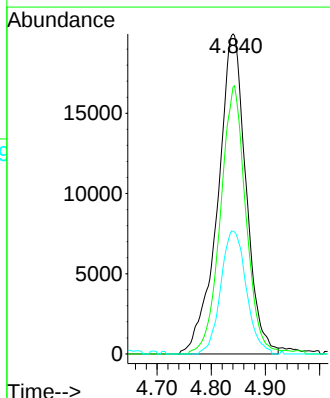
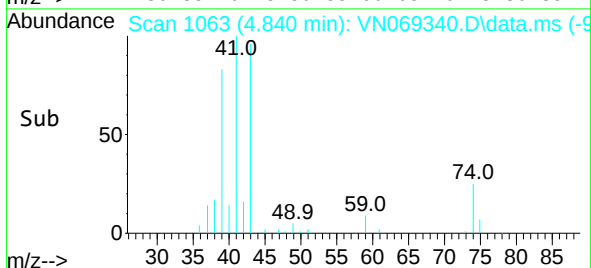
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

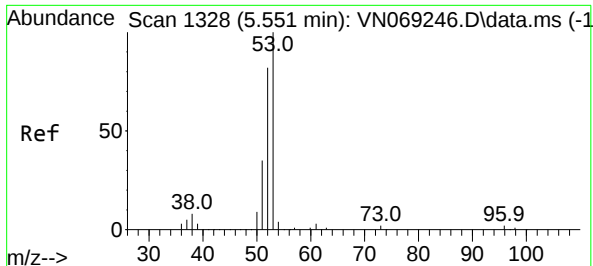


#14
Allyl chloride
Concen: 19.196 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16



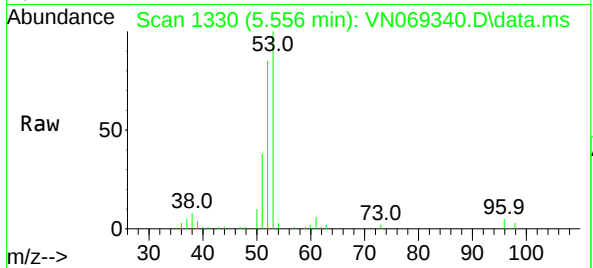
Tgt Ion: 41 Resp: 72187
Ion Ratio Lower Upper
41 100
39 75.2 55.6 83.4
76 34.7 26.4 39.6





#15
Acrylonitrile
Concen: 100.051 ug/l
RT: 5.556 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

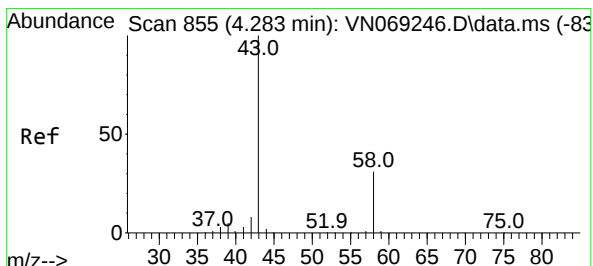
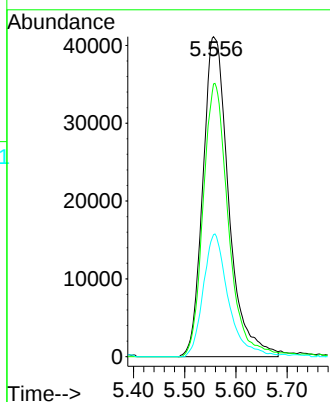
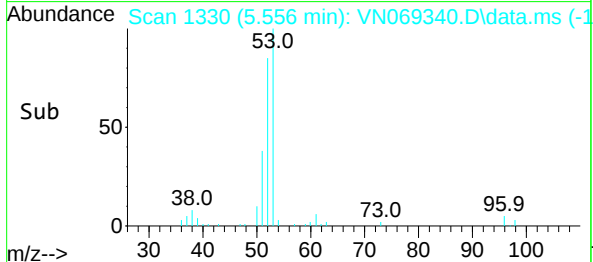
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



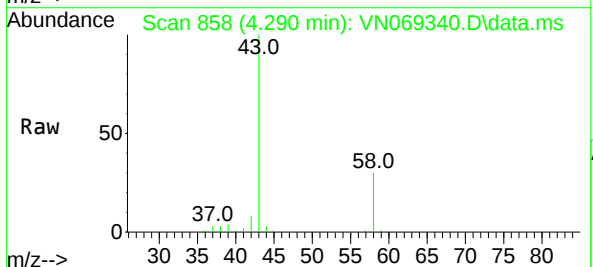
Tgt Ion: 53 Resp: 143979
Ion Ratio Lower Upper
53 100
52 83.1 65.7 98.5
51 37.1 28.9 43.3

Manual Integrations
APPROVED

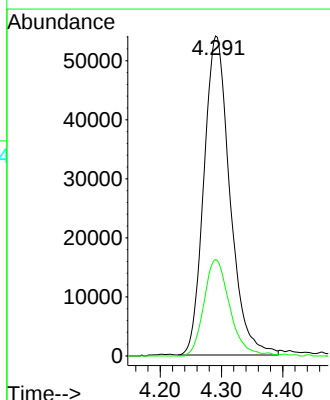
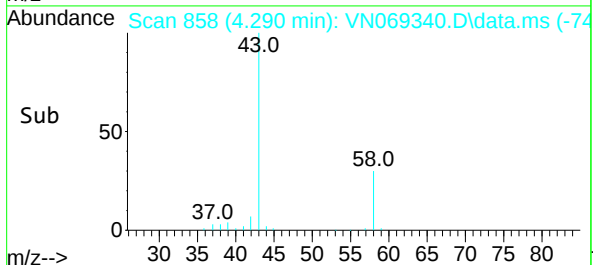
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

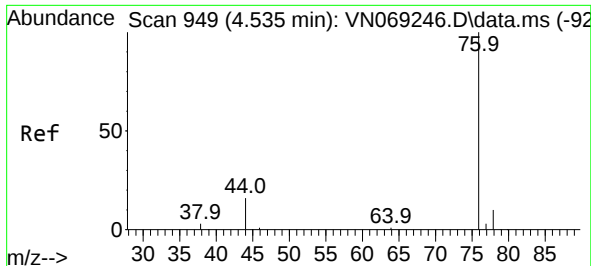


#16
Acetone
Concen: 109.835 ug/l
RT: 4.290 min Scan# 858
Delta R.T. 0.007 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16



Tgt Ion: 43 Resp: 159650
Ion Ratio Lower Upper
43 100
58 30.3 24.5 36.7





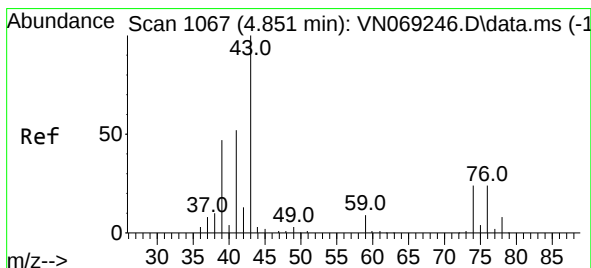
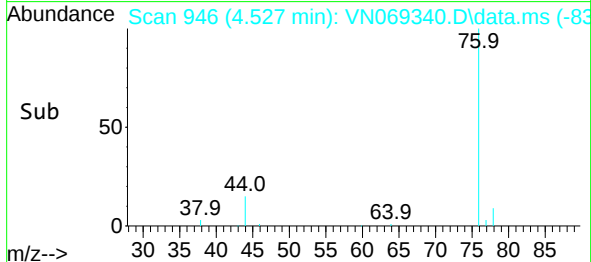
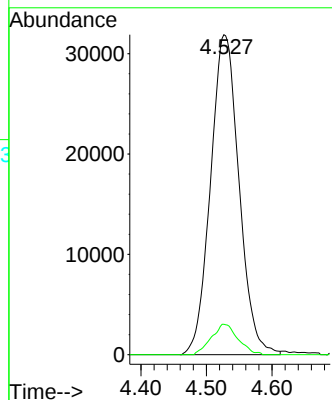
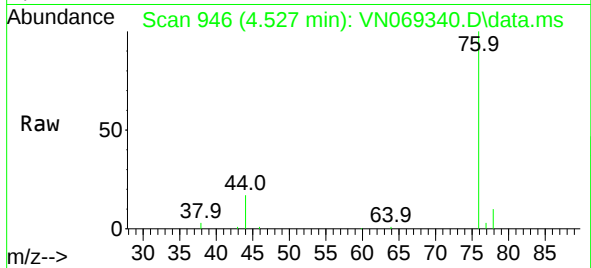
#17
Carbon Disulfide
Concen: 17.006 ug/l
RT: 4.527 min Scan# 94
Delta R.T. -0.008 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tgt Ion: 76 Resp: 9626
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

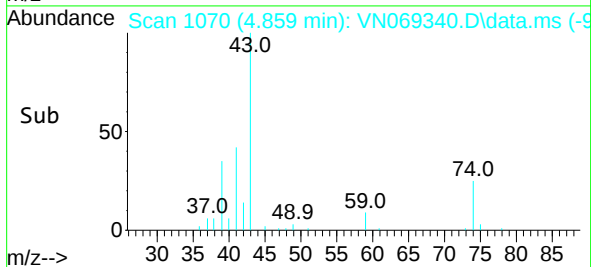
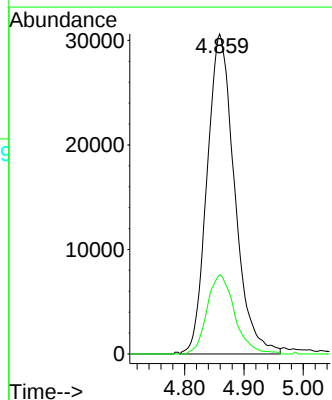
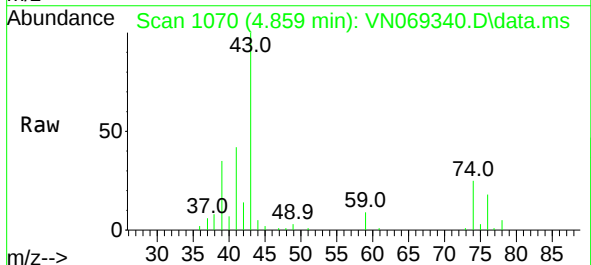
Manual Integrations
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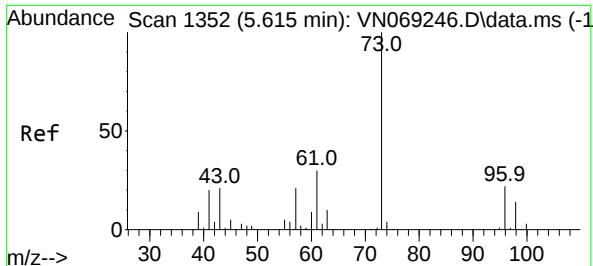
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#18
Methyl Acetate
Concen: 19.949 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.008 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Tgt Ion: 43 Resp: 98541
Ion Ratio Lower Upper
43 100
74 24.9 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 20.067 ug/l

RT: 5.621 min Scan# 1159

Delta R.T. 0.006 min

Lab File: VN069340.D

Acq: 2 Nov 2021 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD01

Tgt Ion: 73 Resp: 167838

Ion Ratio Lower Upper

73 100

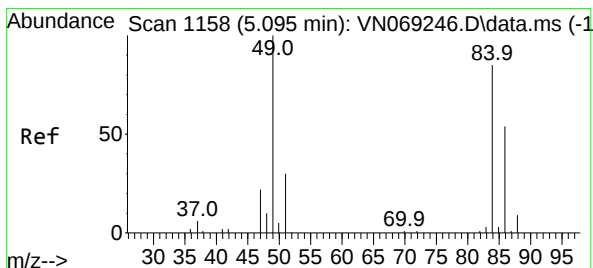
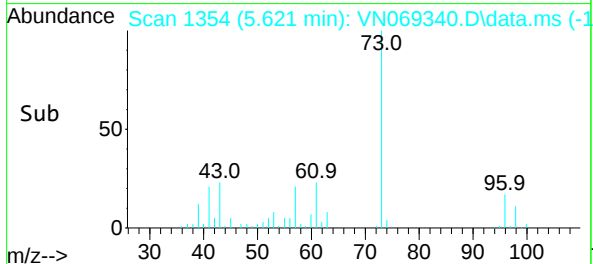
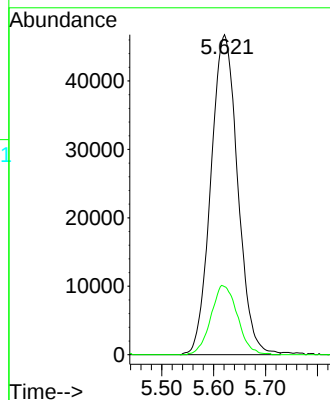
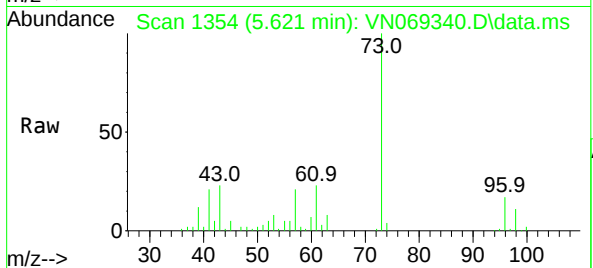
57 21.3 17.3 25.9

Manual Integrations

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Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#20

Methylene Chloride

Concen: 18.970 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.003 min

Lab File: VN069340.D

Acq: 2 Nov 2021 11:16

Tgt Ion: 84 Resp: 52888

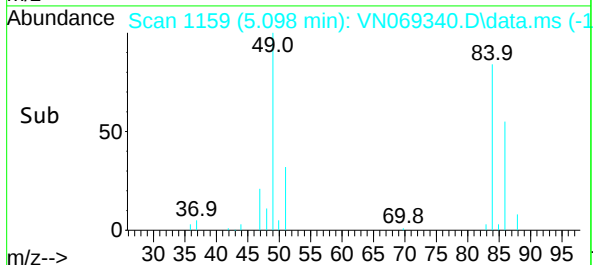
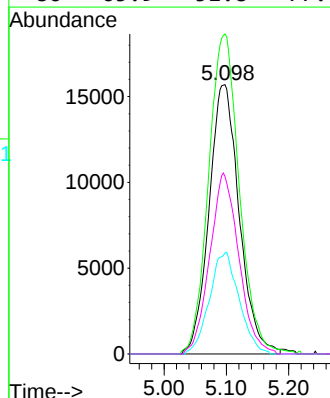
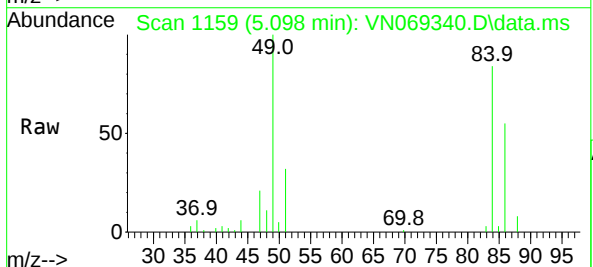
Ion Ratio Lower Upper

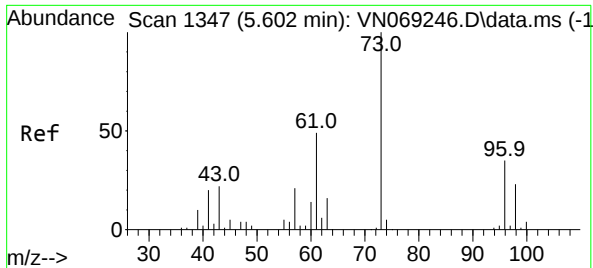
84 100

49 118.9 97.6 146.4

51 37.6 30.3 45.5

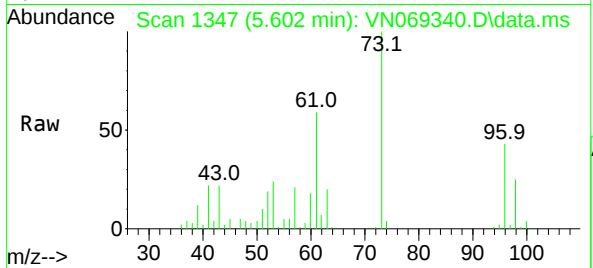
86 65.9 51.8 77.6





#21
trans-1,2-Dichloroethene
Concen: 19.512 ug/l
RT: 5.602 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

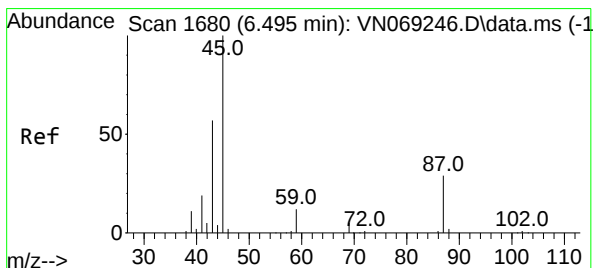
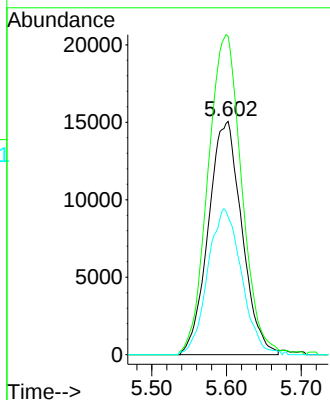
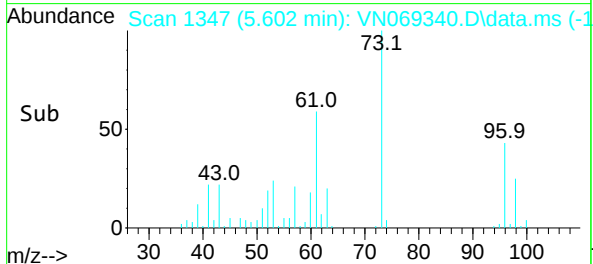
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



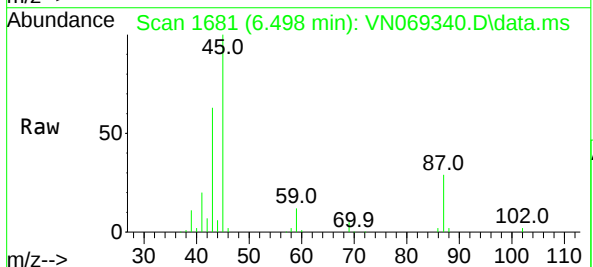
Tgt Ion: 96 Resp: 46834
Ion Ratio Lower Upper
96 100
61 136.6 112.4 168.6
98 59.2 52.0 78.0

Manual Integrations
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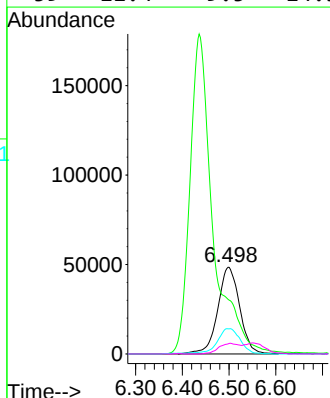
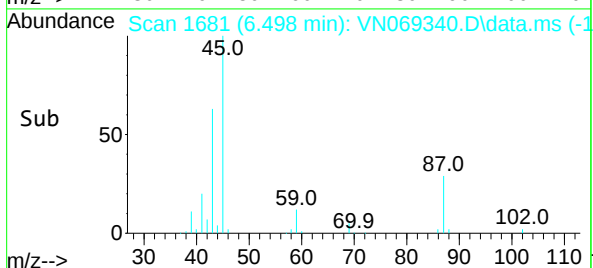
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

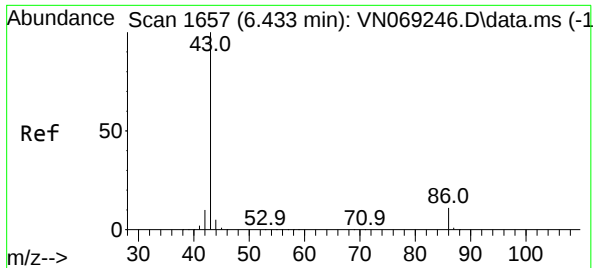


#22
Diisopropyl ether
Concen: 18.653 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16



Tgt Ion: 45 Resp: 158569
Ion Ratio Lower Upper
45 100
43 60.4 48.0 72.0
87 28.9 23.4 35.0
59 11.4 9.5 14.3





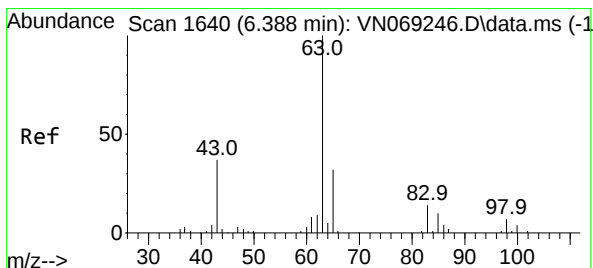
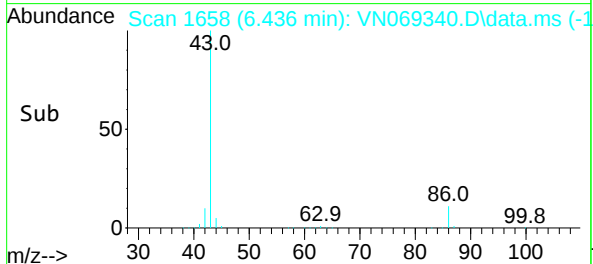
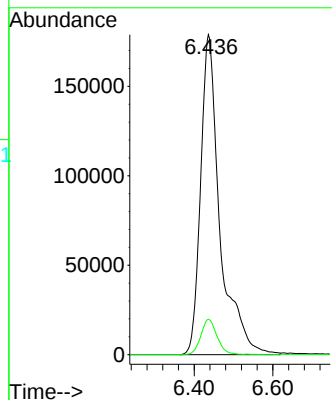
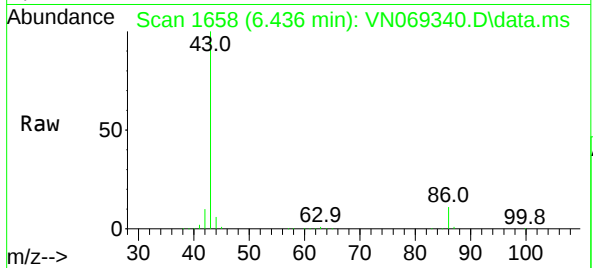
#23
 Vinyl Acetate
 Concen: 91.992 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.003 min
 Lab File: VN069340.D
 Acq: 2 Nov 2021 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD01

Tgt Ion: 43 Resp: 609998
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.3 12.5

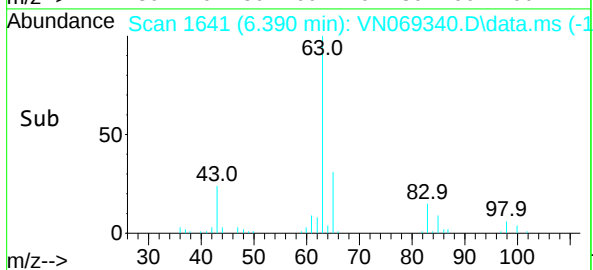
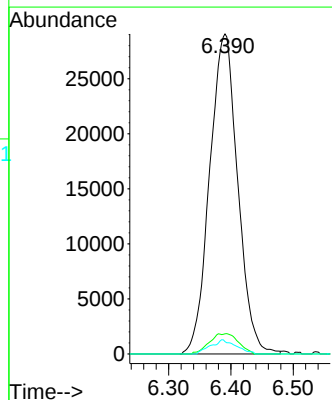
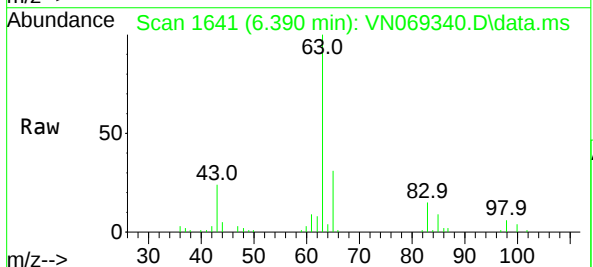
Manual Integrations
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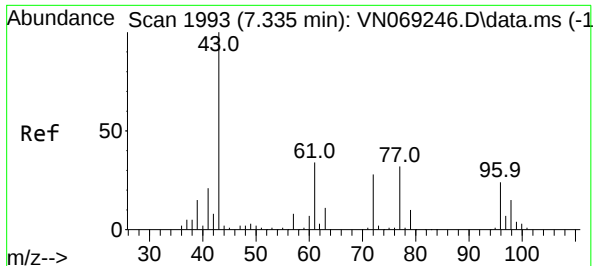
Reviewed By :John Carlone 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021



#24
 1,1-Dichloroethane
 Concen: 20.276 ug/l
 RT: 6.390 min Scan# 1641
 Delta R.T. 0.002 min
 Lab File: VN069340.D
 Acq: 2 Nov 2021 11:16

Tgt Ion: 63 Resp: 91127
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 94.788 ug/l

RT: 7.337 min Scan# 1993

Delta R.T. 0.002 min

Lab File: VN069340.D

Acq: 2 Nov 2021 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD01

Tgt Ion: 43 Resp: 20888

Ion Ratio Lower Upper

43 100

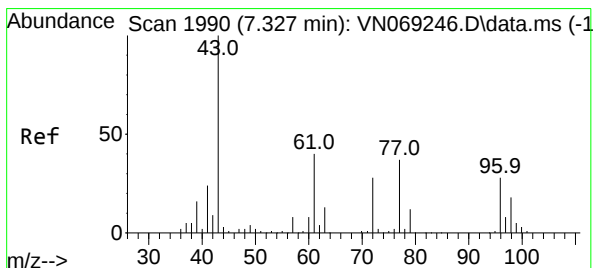
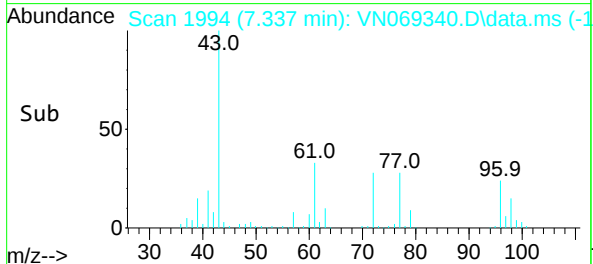
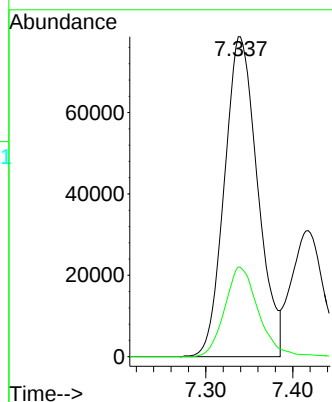
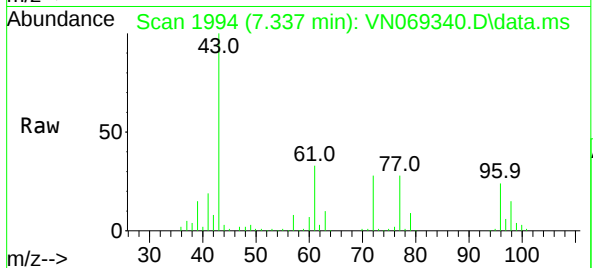
72 28.1 21.2 31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#26

2,2-Dichloropropane

Concen: 17.754 ug/l

RT: 7.326 min Scan# 1990

Delta R.T. -0.001 min

Lab File: VN069340.D

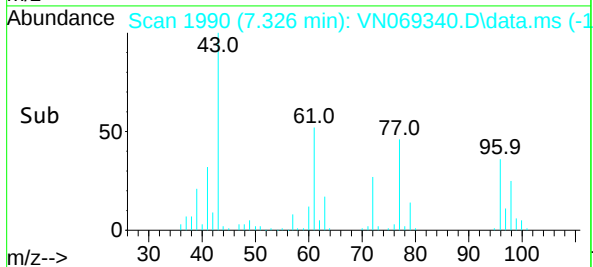
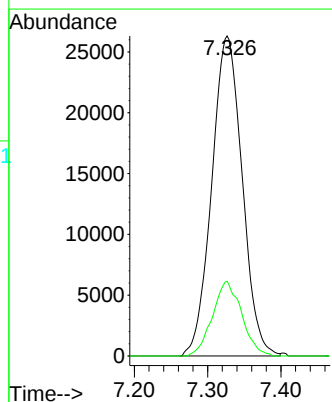
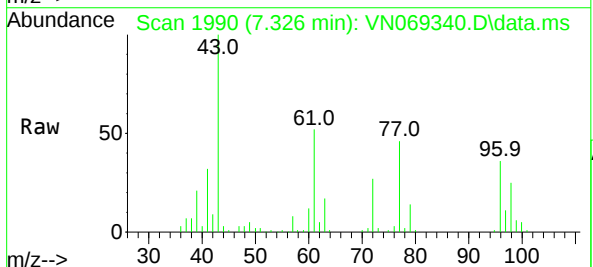
Acq: 2 Nov 2021 11:16

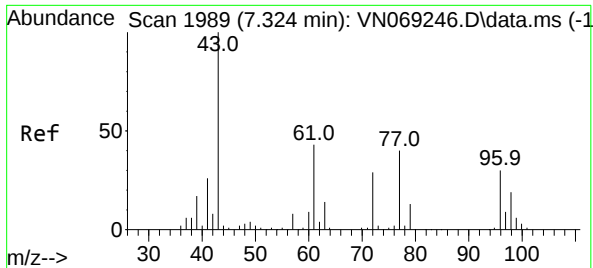
Tgt Ion: 77 Resp: 75929

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.071 ug/l
 RT: 7.326 min Scan# 1989
 Delta R.T. 0.002 min
 Lab File: VN069340.D
 Acq: 2 Nov 2021 11:16

Instrument :

MSVOA_N

ClientSampleId :

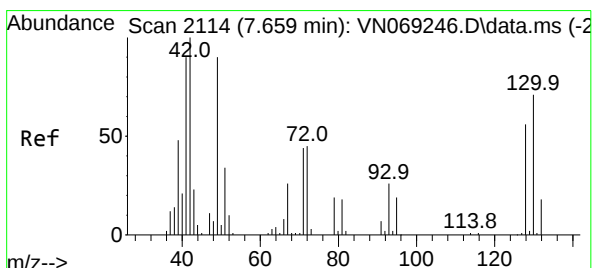
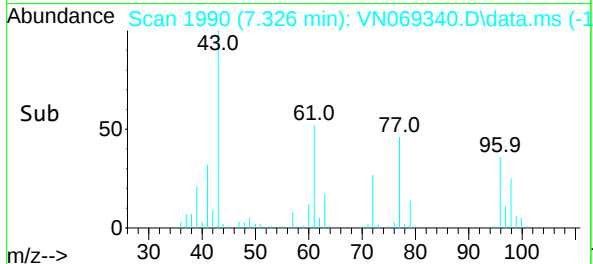
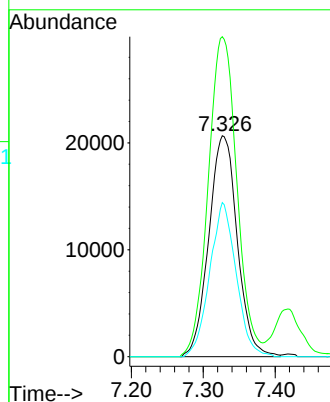
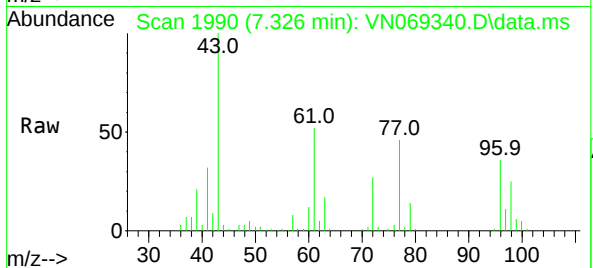
VN1102WBSD01

Tgt Ion: 96 Resp: 56924
 Ion Ratio Lower Upper
 96 100
 61 145.6 0.0 290.6
 98 64.8 0.0 127.2

Manual Integrations

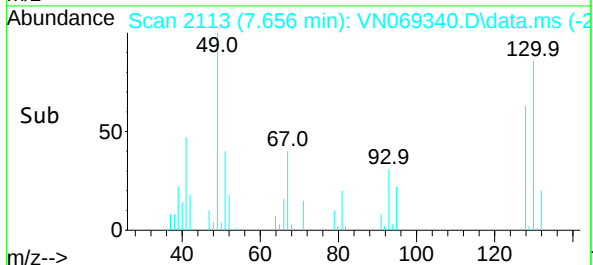
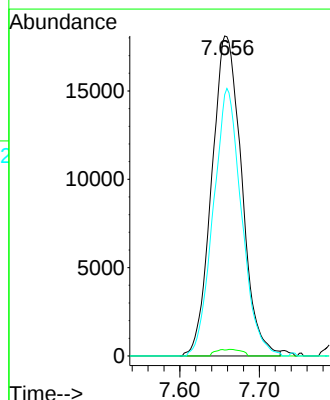
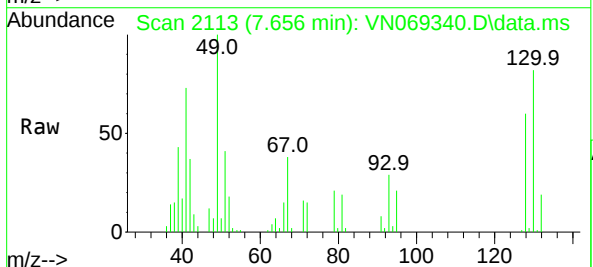
APPROVED

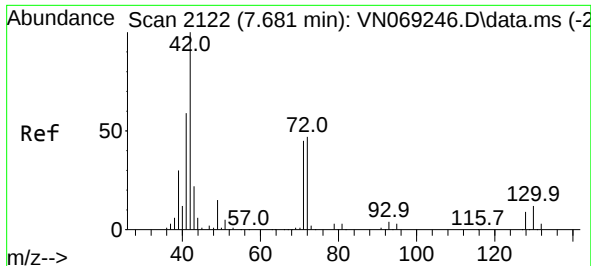
Reviewed By :John Carlone 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021



#28
 Bromochloromethane
 Concen: 21.017 ug/l
 RT: 7.656 min Scan# 2113
 Delta R.T. -0.003 min
 Lab File: VN069340.D
 Acq: 2 Nov 2021 11:16

Tgt Ion: 49 Resp: 47327
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.4
 130 79.2 60.8 91.2





#29

Tetrahydrofuran

Concen: 91.453 ug/l

RT: 7.686 min Scan# 2122

Delta R.T. 0.005 min

Lab File: VN069340.D

Acq: 2 Nov 2021 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD01

Tgt Ion: 42 Resp: 128240

Ion Ratio Lower Upper

42 100

72 46.5 35.4 53.2

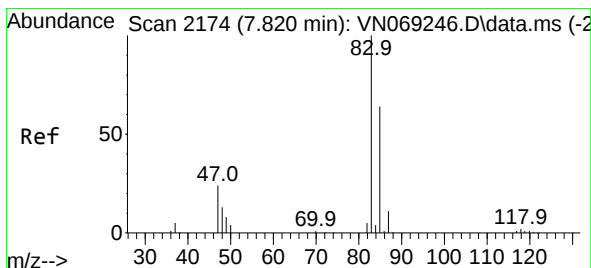
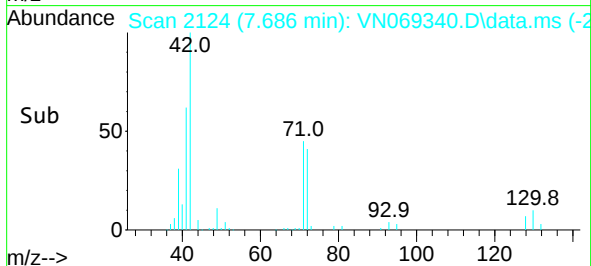
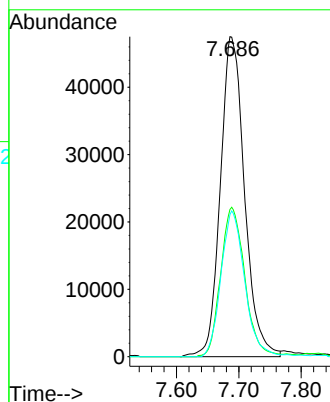
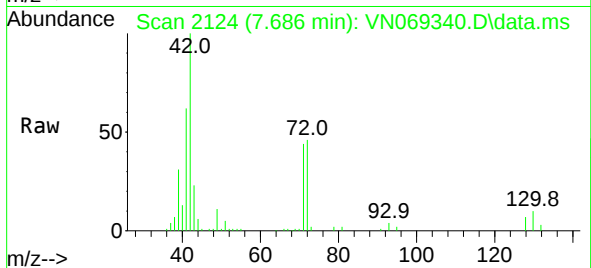
71 44.5 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#30

Chloroform

Concen: 20.320 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. -0.000 min

Lab File: VN069340.D

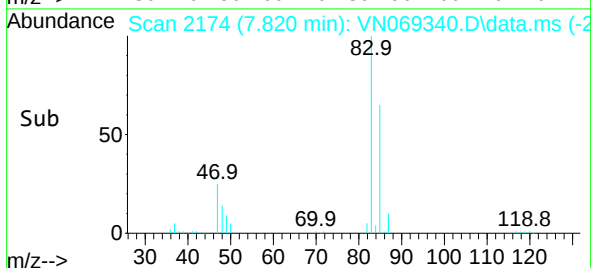
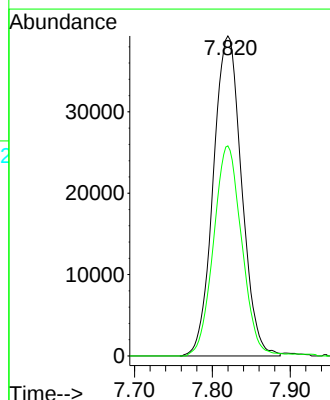
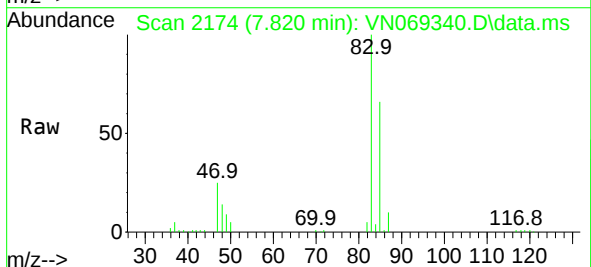
Acq: 2 Nov 2021 11:16

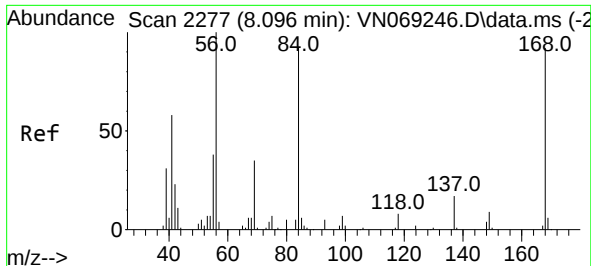
Tgt Ion: 83 Resp: 99281

Ion Ratio Lower Upper

83 100

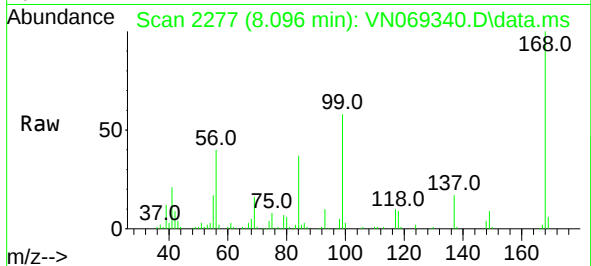
85 65.6 51.1 76.7





#31
Cyclohexane
Concen: 19.361 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

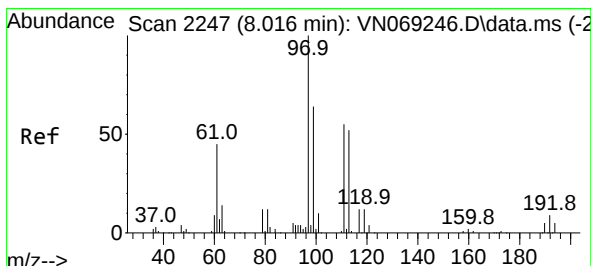
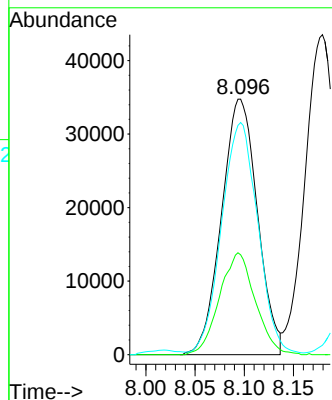
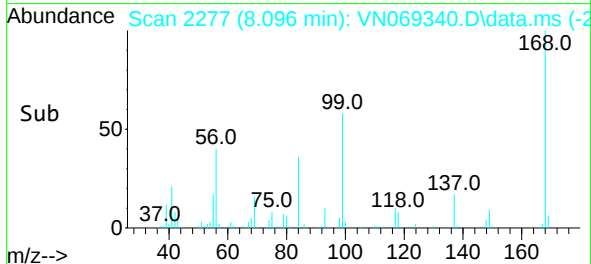
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



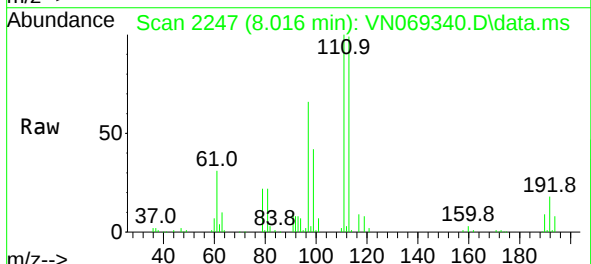
Tgt Ion: 56 Resp: 88399
Ion Ratio Lower Upper
56 100
69 39.1 26.9 40.3
84 89.7 67.6 101.4

Manual Integrations
APPROVED

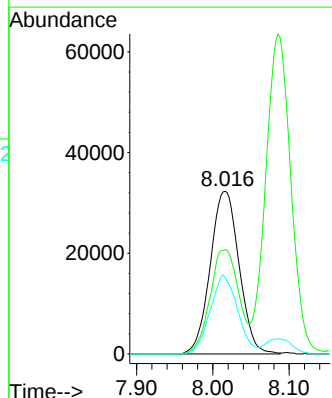
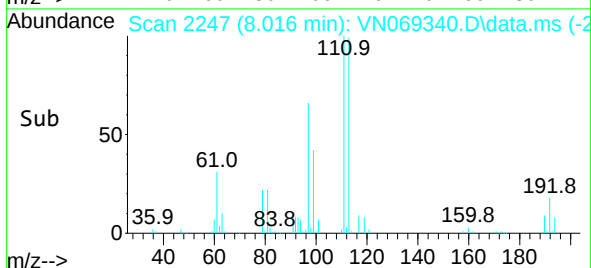
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

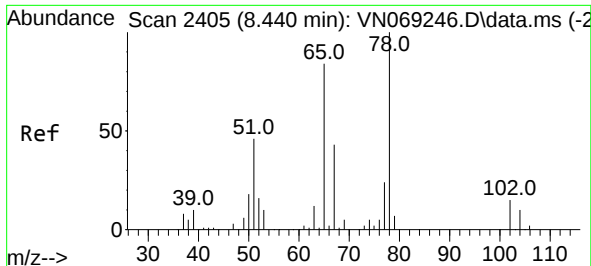


#32
1,1,1-Trichloroethane
Concen: 18.306 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16



Tgt Ion: 97 Resp: 84848
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 46.1 34.6 51.8





#33

1,2-Dichloroethane-d4

Concen: 51.650 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069340.D

Acq: 2 Nov 2021 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD01

Tgt Ion: 65 Resp: 176209

Ion Ratio Lower Upper

65 100

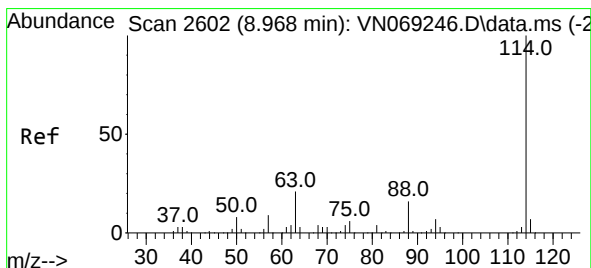
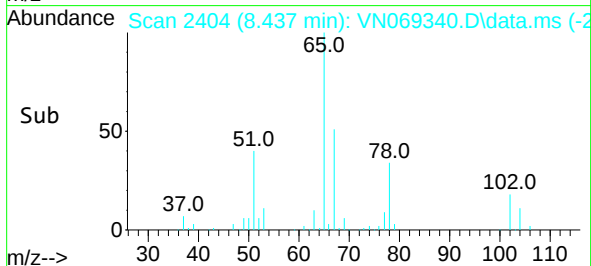
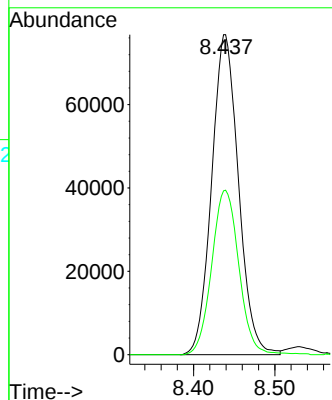
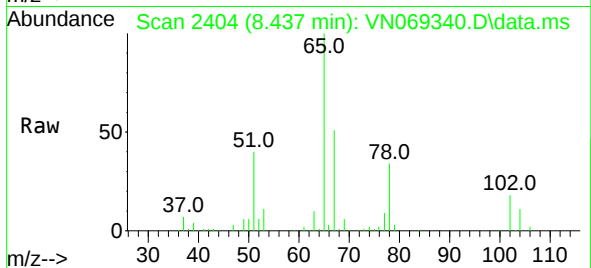
67 52.0 0.0 103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069340.D

Acq: 2 Nov 2021 11:16

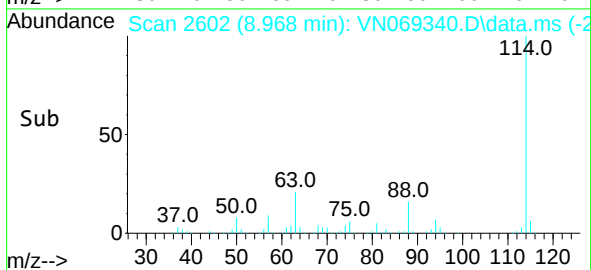
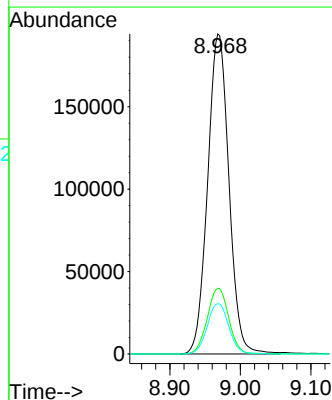
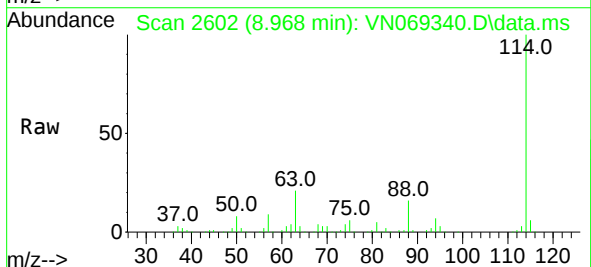
Tgt Ion:114 Resp: 407011

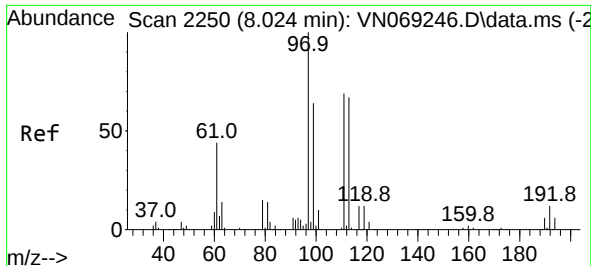
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

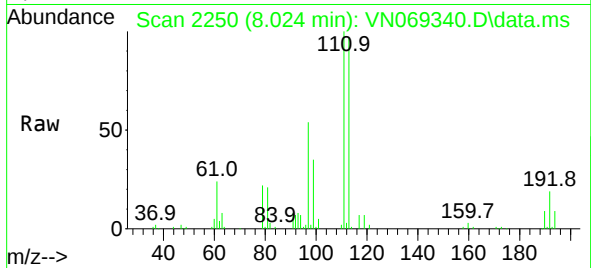
88 15.7 0.0 32.0





#35
Dibromofluoromethane
Concen: 51.587 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

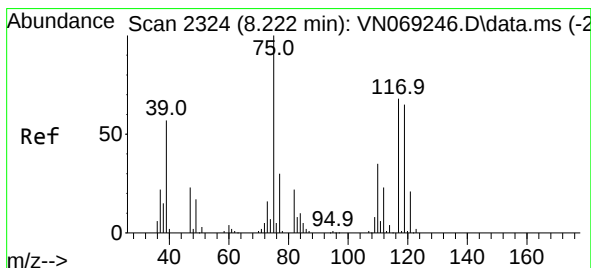
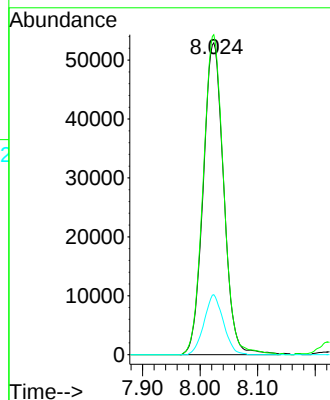
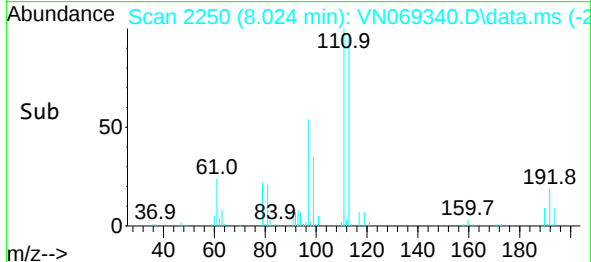
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



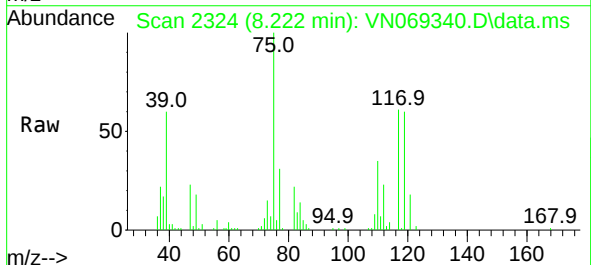
Tgt Ion: 113 Resp: 13088
Ion Ratio Lower Upper
113 100
111 102.2 83.2 124.8
192 18.2 15.0 22.4

Manual Integrations
APPROVED

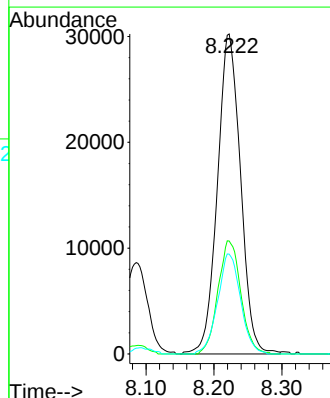
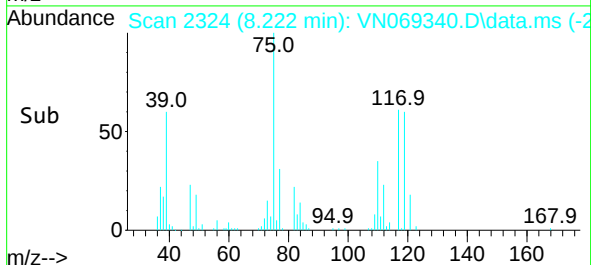
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

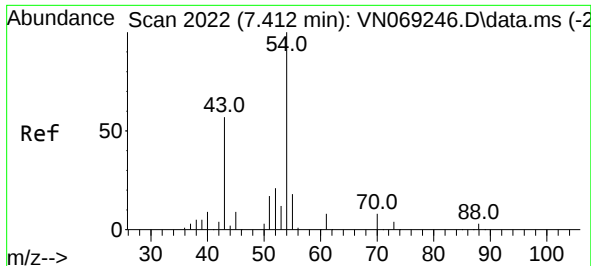


#36
1,1-Dichloropropene
Concen: 20.357 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16



Tgt Ion: 75 Resp: 71431
Ion Ratio Lower Upper
75 100
110 35.0 17.9 53.8
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 19.713 ug/l

RT: 7.418 min Scan# 2022

Delta R.T. 0.006 min

Lab File: VN069340.D

Acq: 2 Nov 2021 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD01

Tgt Ion: 43 Resp: 7882

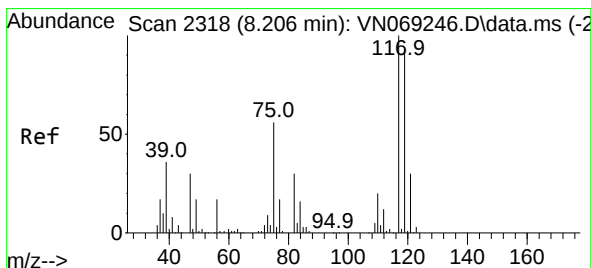
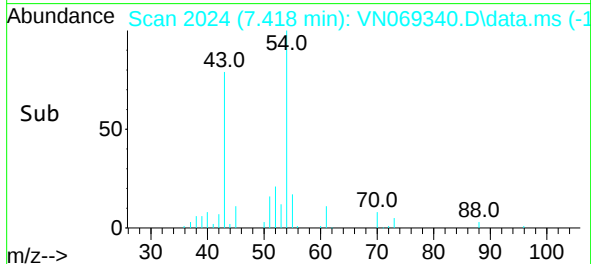
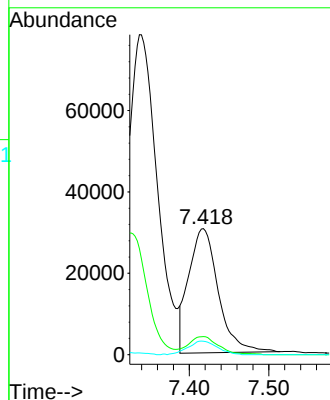
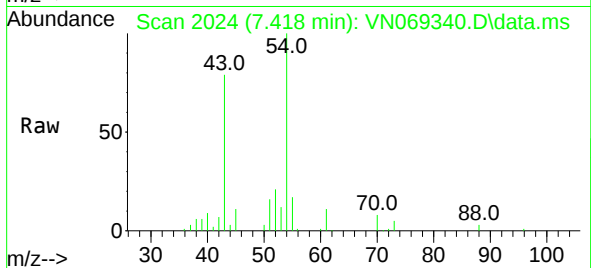
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.2	16.8
70	10.8	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#38

Carbon Tetrachloride

Concen: 18.368 ug/l

RT: 8.206 min Scan# 2318

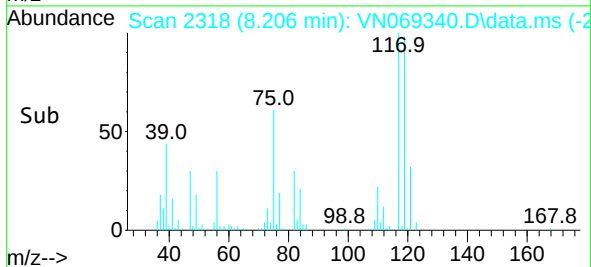
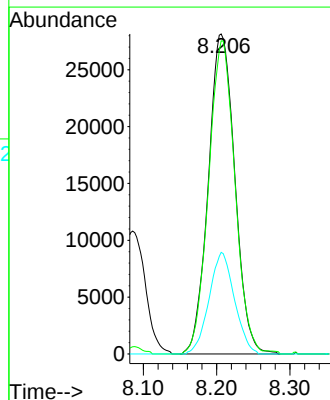
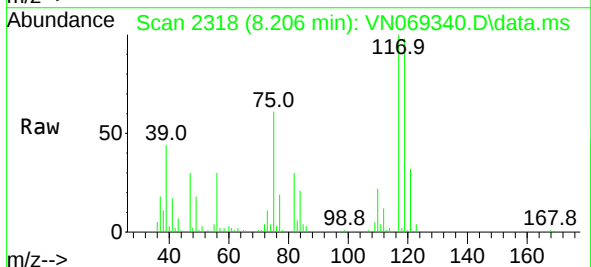
Delta R.T. 0.000 min

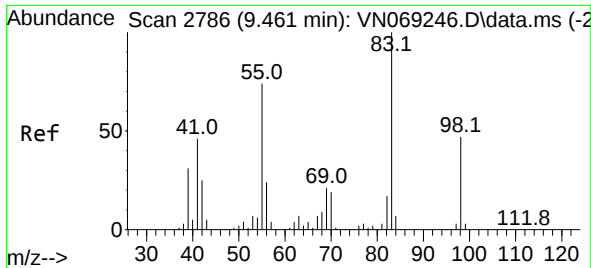
Lab File: VN069340.D

Acq: 2 Nov 2021 11:16

Tgt Ion:117 Resp: 70856

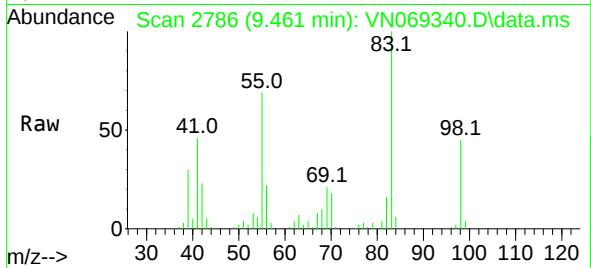
Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.9	115.3
121	31.8	24.6	37.0





#39
Methylcyclohexane
Concen: 20.247 ug/l
RT: 9.461 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

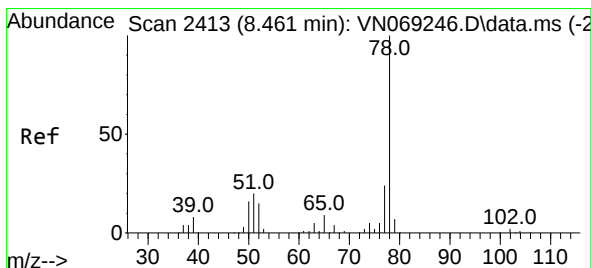
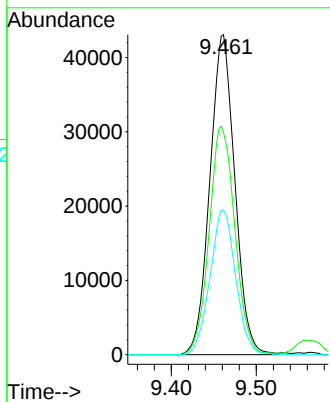
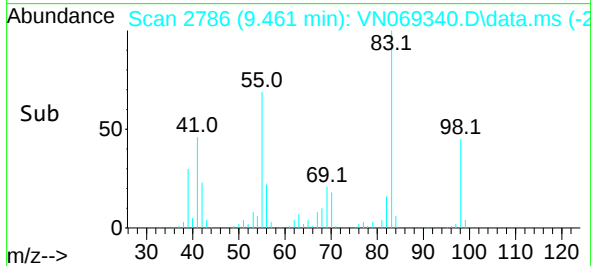
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



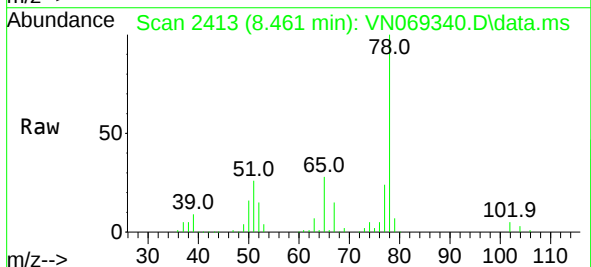
Tgt Ion: 83 Resp: 87968
Ion Ratio Lower Upper
83 100
55 69.5 61.4 92.0
98 45.1 36.4 54.6

Manual Integrations
APPROVED

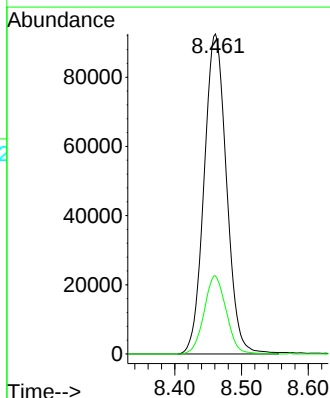
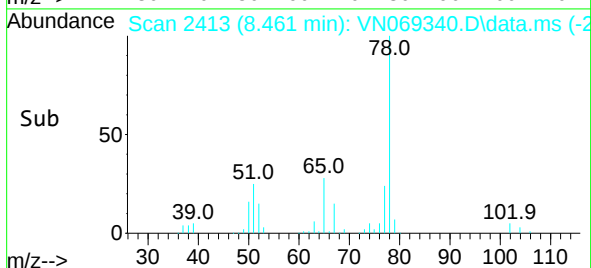
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

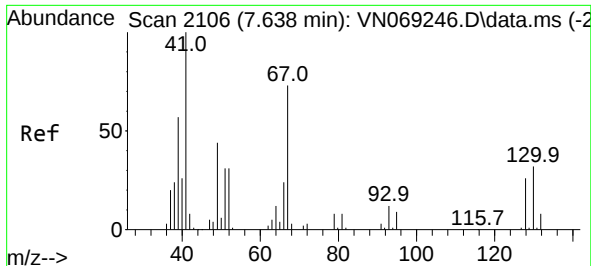


#40
Benzene
Concen: 20.456 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16



Tgt Ion: 78 Resp: 215894
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7





#41
Methacrylonitrile
Concen: 19.002 ug/l
RT: 7.640 min Scan# 2106
Delta R.T. 0.002 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Instrument :

MSVOA_N

ClientSampleId :

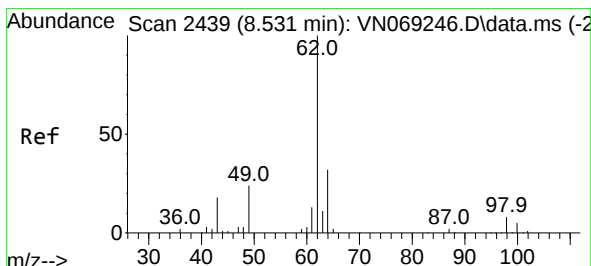
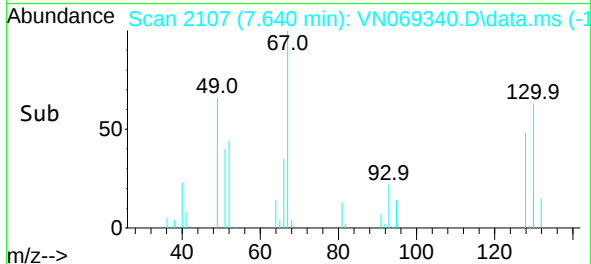
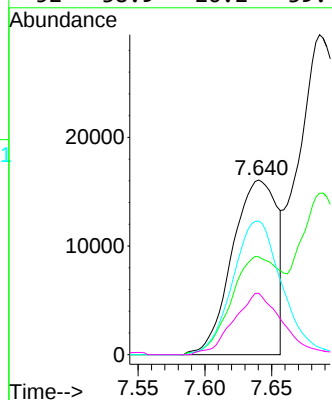
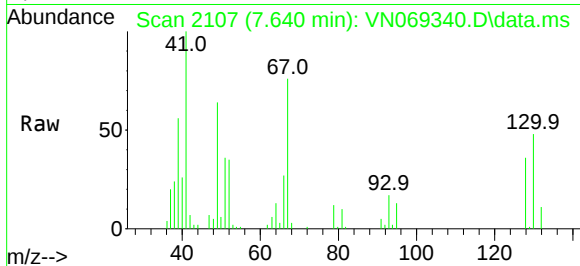
VN1102WBSD01

Tgt Ion: 41 Resp: 37458
Ion Ratio Lower Upper
41 100
39 63.8 44.9 67.3
67 84.7 62.6 93.8
52 38.9 26.2 39.4

Manual Integrations

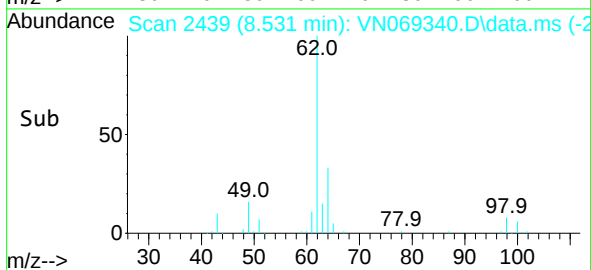
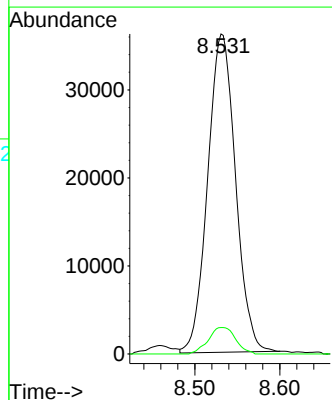
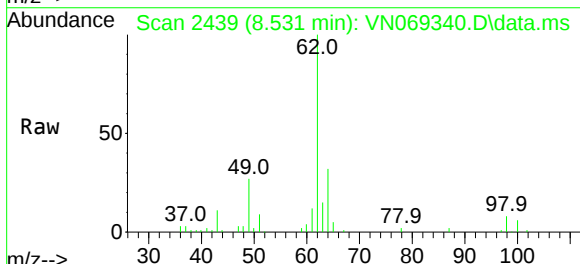
APPROVED

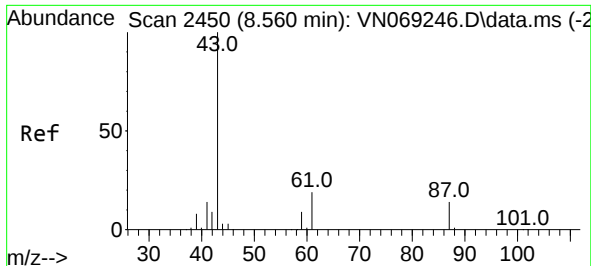
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#42
1,2-Dichloroethane
Concen: 20.735 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Tgt Ion: 62 Resp: 82356
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.2





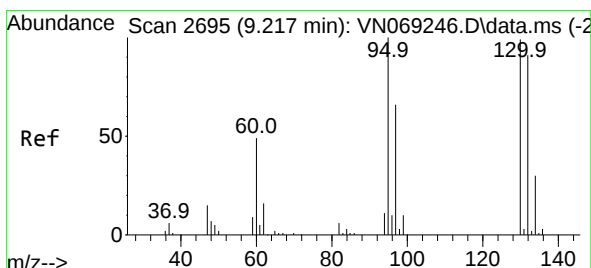
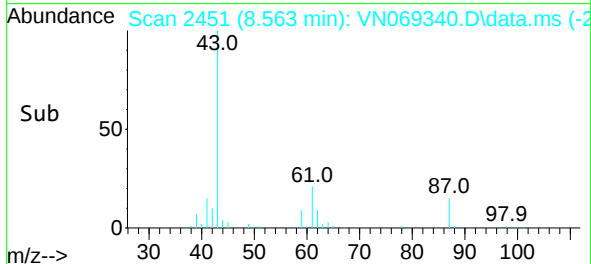
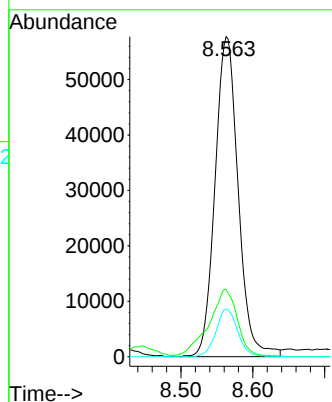
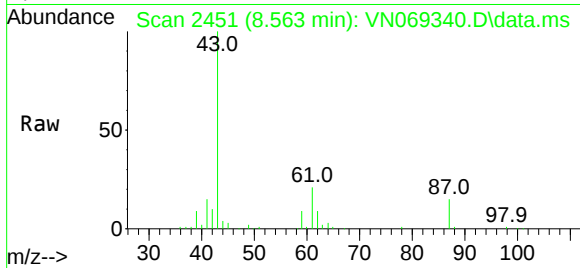
#43
Isopropyl Acetate
Concen: 18.766 ug/l
RT: 8.563 min Scan# 2450
Delta R.T. 0.003 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tgt Ion: 43 Resp: 12884
Ion Ratio Lower Upper
43 100
61 26.4 20.4 30.6
87 14.0 10.7 16.1

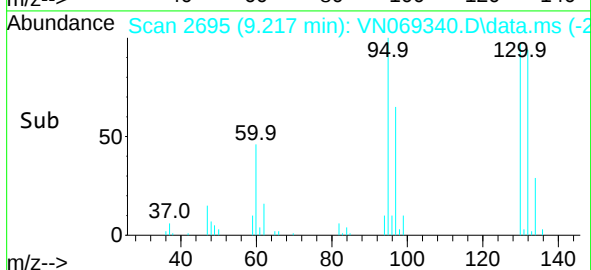
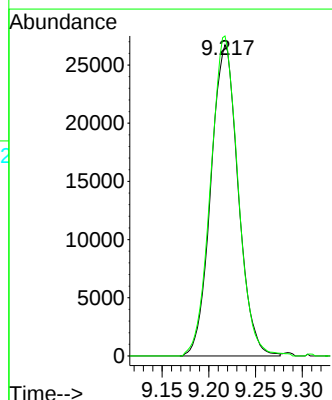
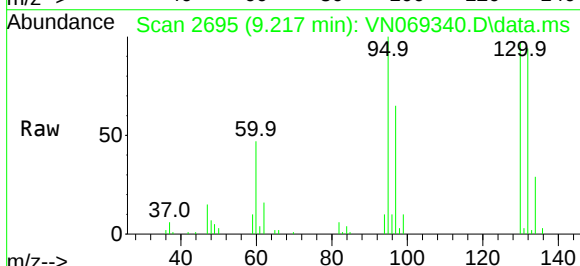
Manual Integrations
APPROVED

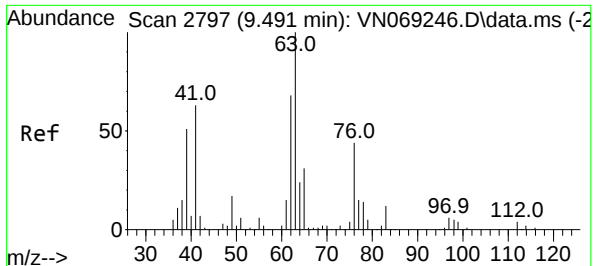
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#44
Trichloroethene
Concen: 20.476 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Tgt Ion:130 Resp: 54419
Ion Ratio Lower Upper
130 100
95 102.8 0.0 208.0





#45

1,2-Dichloropropane

Concen: 20.510 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VN069340.D

Acq: 2 Nov 2021 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD01

Tgt Ion: 63 Resp: 55109

Ion Ratio Lower Upper

63 100

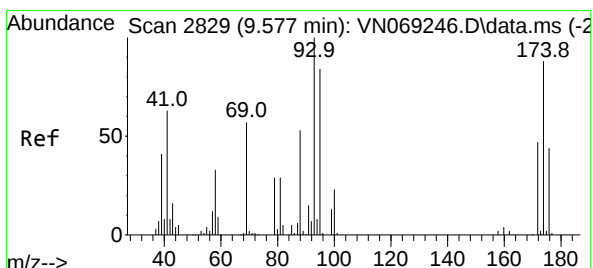
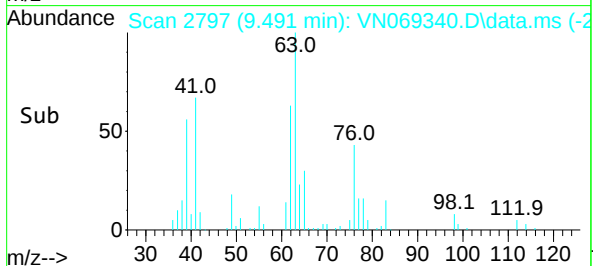
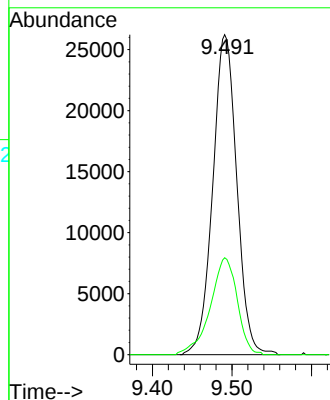
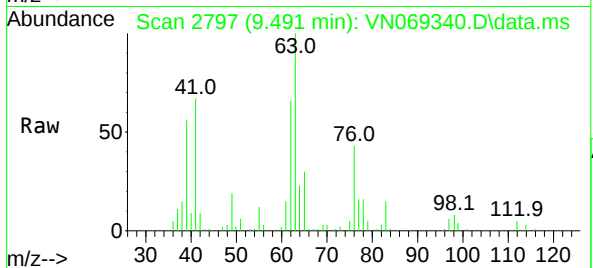
65 30.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#46

Dibromomethane

Concen: 20.617 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069340.D

Acq: 2 Nov 2021 11:16

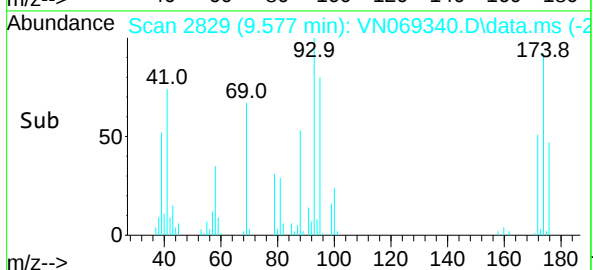
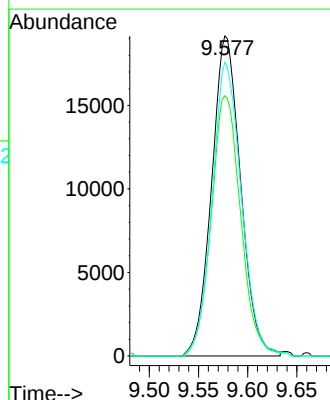
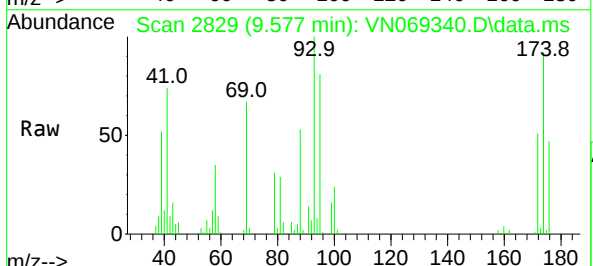
Tgt Ion: 93 Resp: 39359

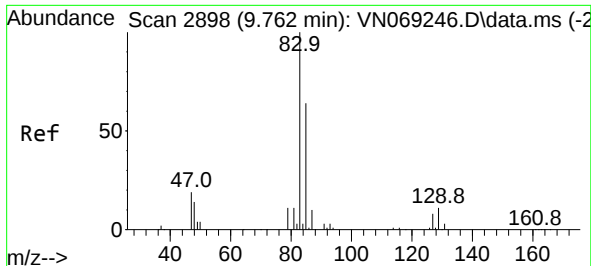
Ion Ratio Lower Upper

93 100

95 82.4 66.5 99.7

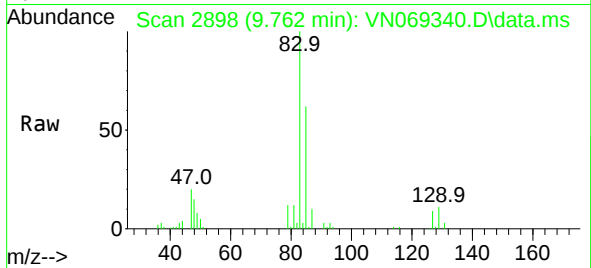
174 92.7 73.8 110.8





#47
Bromodichloromethane
Concen: 18.515 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

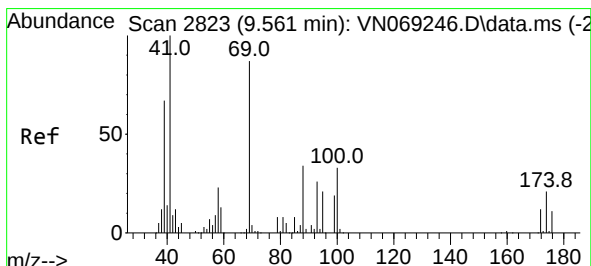
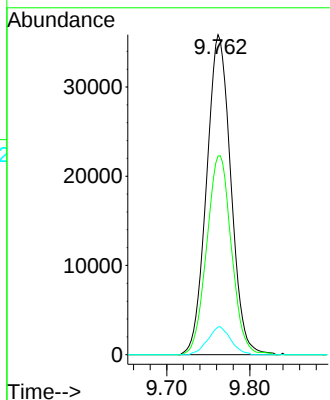
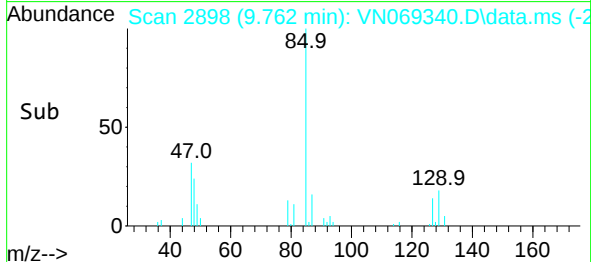
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



Tgt Ion: 83 Resp: 72779
Ion Ratio Lower Upper
83 100
85 62.1 50.7 76.1
127 8.7 6.5 9.7

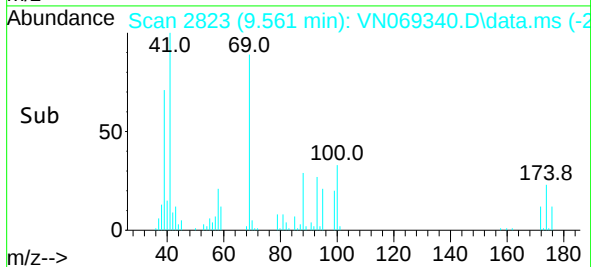
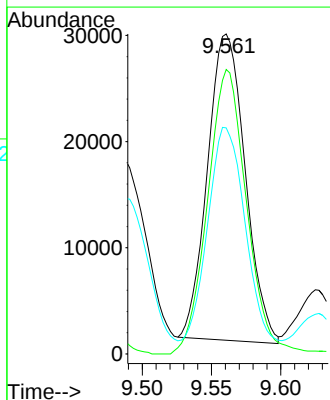
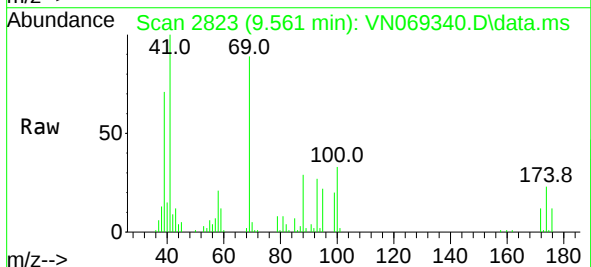
Manual Integrations
APPROVED

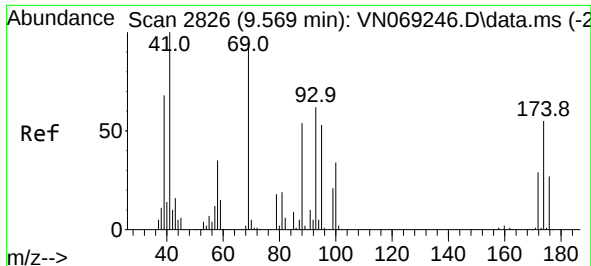
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#48
Methyl methacrylate
Concen: 18.116 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Tgt Ion: 41 Resp: 54670
Ion Ratio Lower Upper
41 100
69 96.6 66.4 99.6
39 77.3 50.2 75.2





#49

1,4-Dioxane

Concen: 360.326 ug/l

RT: 9.569 min Scan# 2826

Delta R.T. -0.000 min

Lab File: VN069340.D

Acq: 2 Nov 2021 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD01

Tgt Ion: 88 Resp: 24650

Ion Ratio Lower Upper

88 100

43 33.1 24.9 37.3

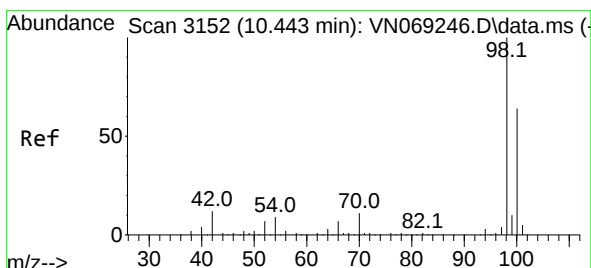
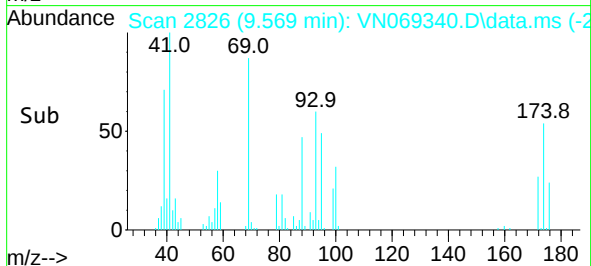
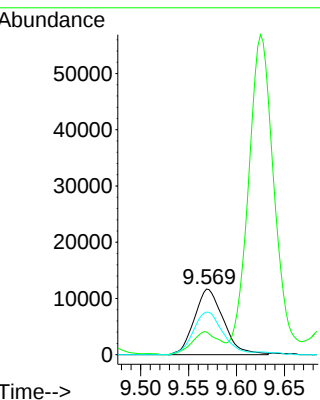
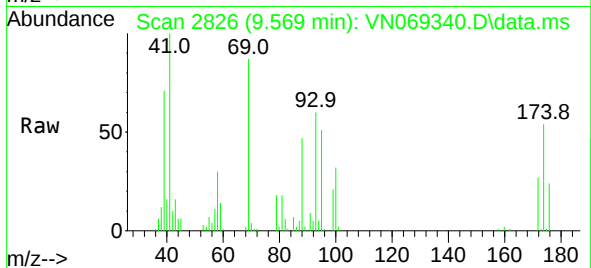
58 66.3 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#50

Toluene-d8

Concen: 51.386 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. -0.000 min

Lab File: VN069340.D

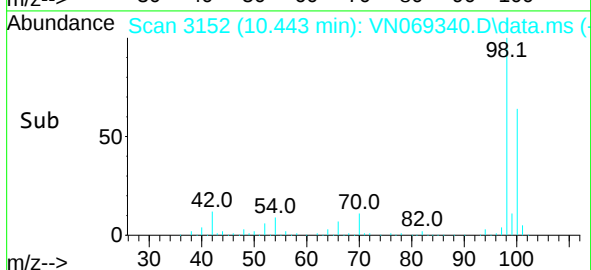
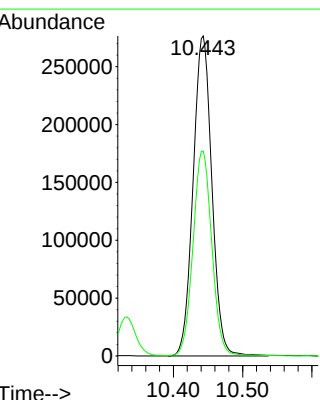
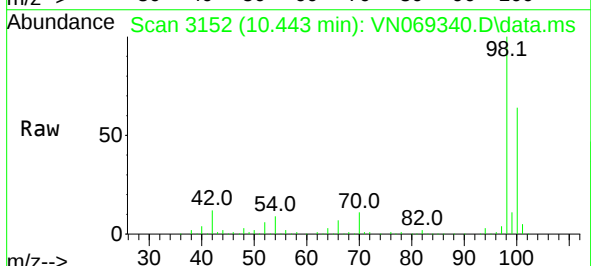
Acq: 2 Nov 2021 11:16

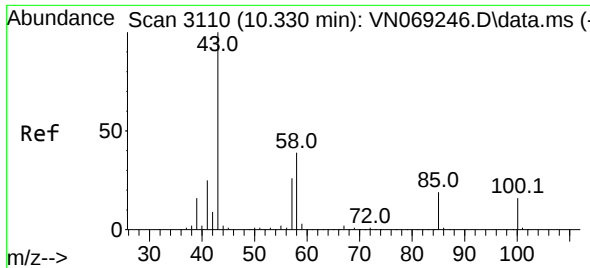
Tgt Ion: 98 Resp: 521282

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3





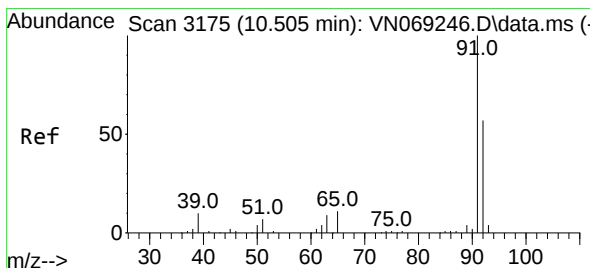
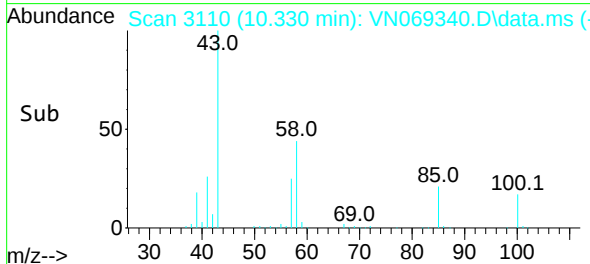
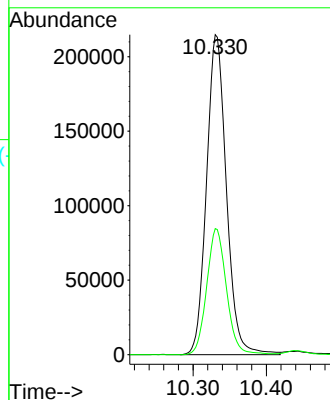
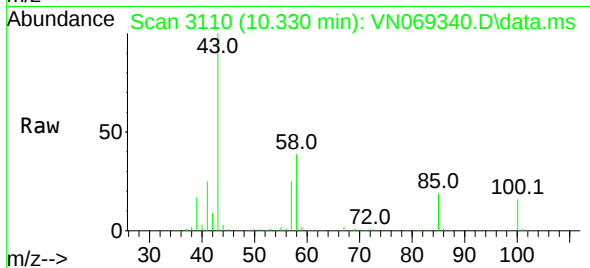
#51
4-Methyl-2-Pentanone
Concen: 93.303 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tgt Ion: 43 Resp: 404819
Ion Ratio Lower Upper
43 100
58 39.2 31.0 46.4

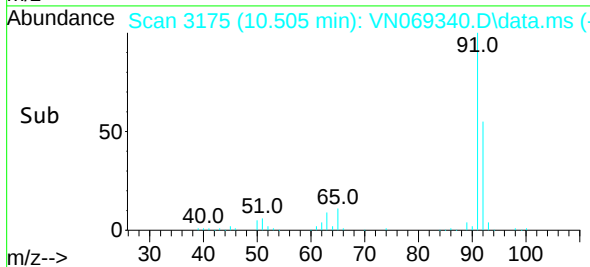
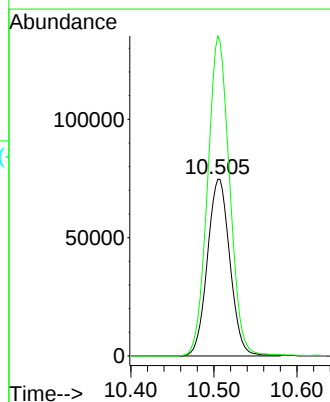
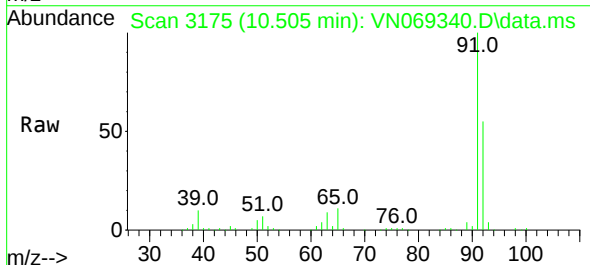
Manual Integrations
APPROVED

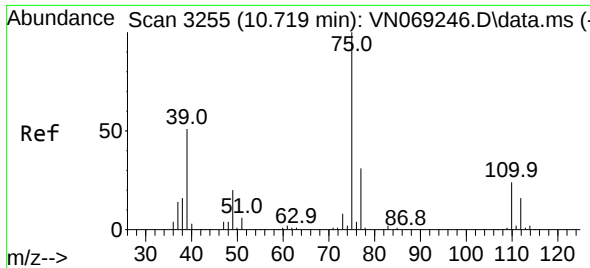
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#52
Toluene
Concen: 20.282 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

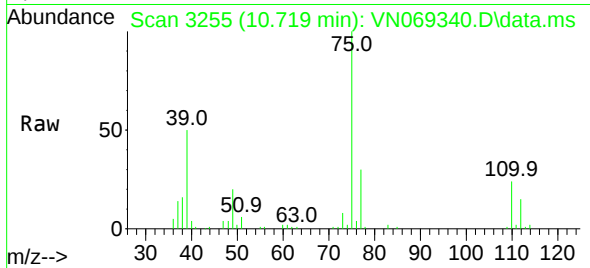
Tgt Ion: 92 Resp: 140382
Ion Ratio Lower Upper
92 100
91 177.7 138.5 207.7





#53
t-1,3-Dichloropropene
Concen: 17.725 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

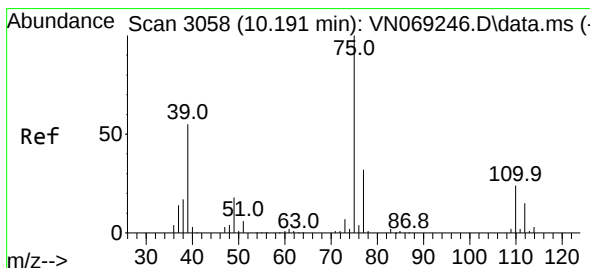
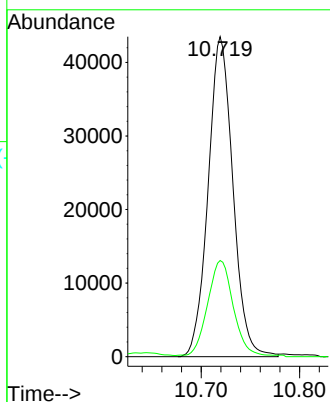
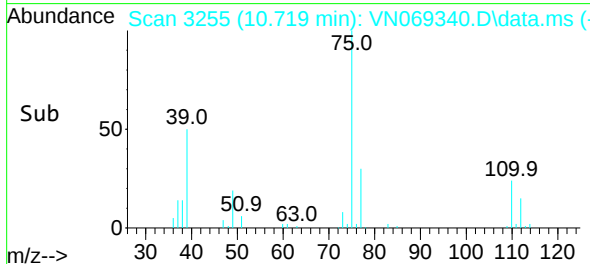
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



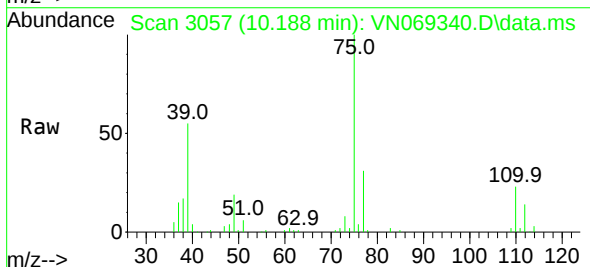
Tgt Ion: 75 Resp: 7616
Ion Ratio Lower Upper
75 100
77 29.6 25.4 38.2

Manual Integrations
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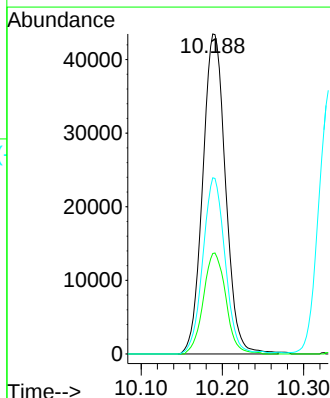
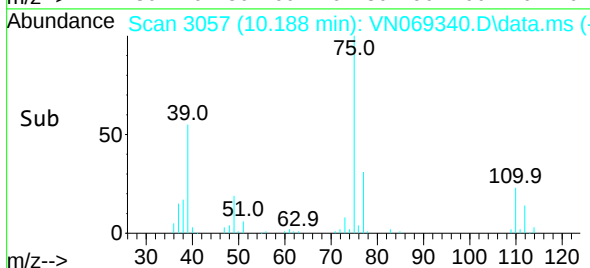
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

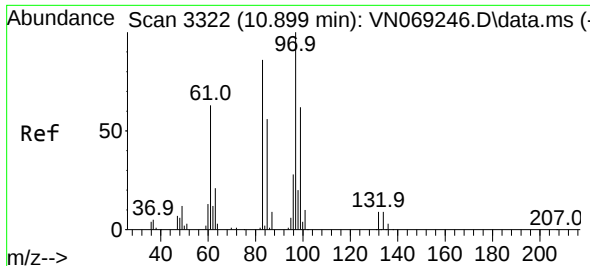


#54
cis-1,3-Dichloropropene
Concen: 18.592 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16



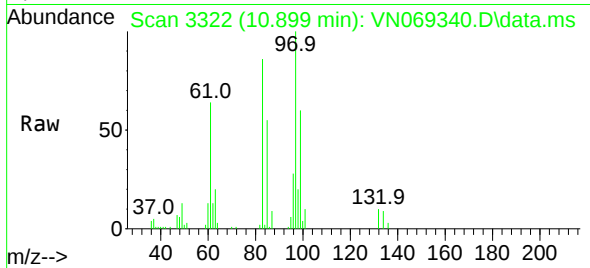
Tgt Ion: 75 Resp: 84737
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 55.1 42.9 64.3





#55
1,1,2-Trichloroethane
Concen: 20.301 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

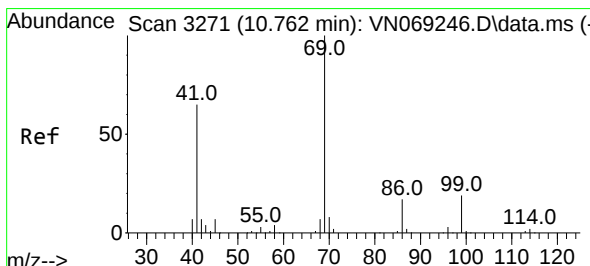
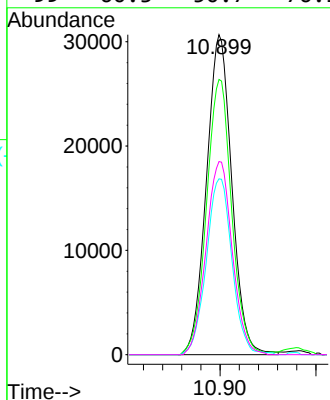
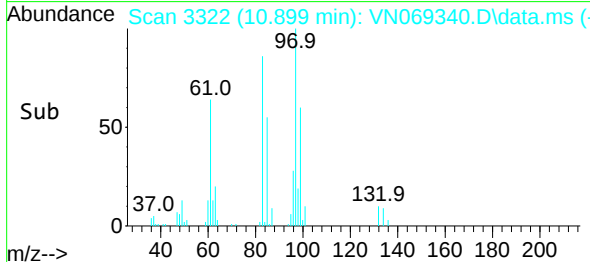
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.5	105.7
85	55.0	45.3	67.9
99	60.3	50.7	76.1

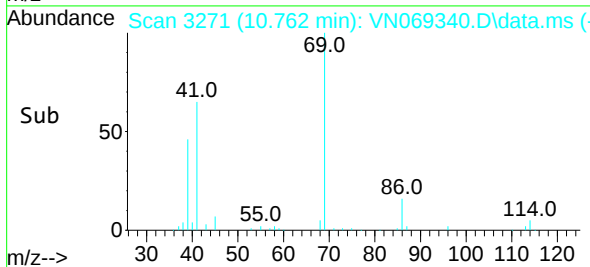
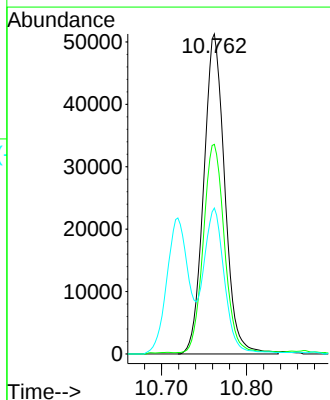
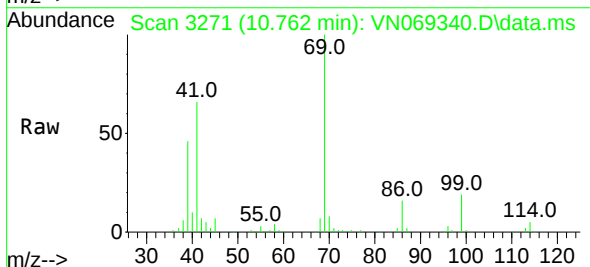
Manual Integrations
APPROVED

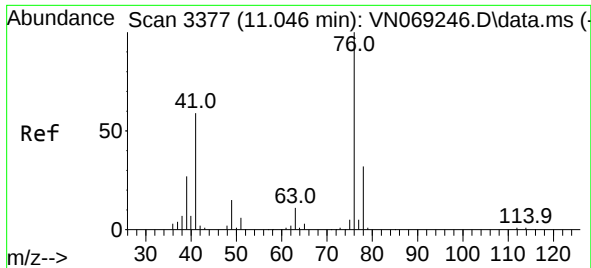
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#56
Ethyl methacrylate
Concen: 18.381 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.1	53.3	79.9
39	44.2	33.3	49.9





#57

1,3-Dichloropropane

Concen: 20.392 ug/l

RT: 11.046 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN069340.D

Acq: 2 Nov 2021 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD01

Tgt Ion: 76 Resp: 9446

Ion Ratio Lower Upper

76 100

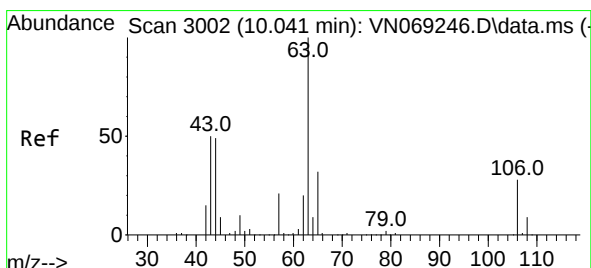
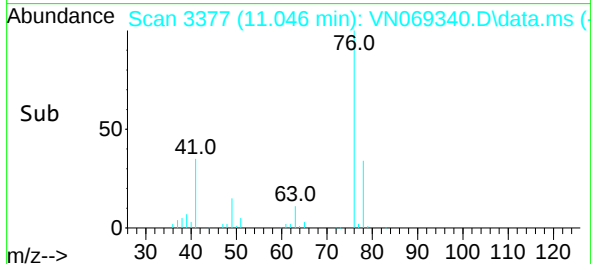
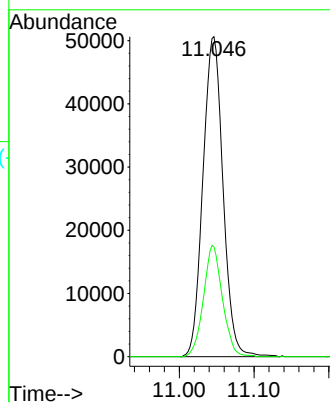
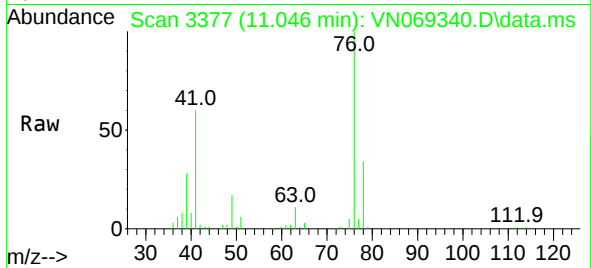
78 32.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#58

2-Chloroethyl Vinyl ether

Concen: 87.658 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN069340.D

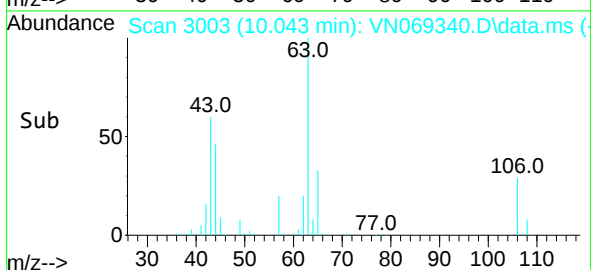
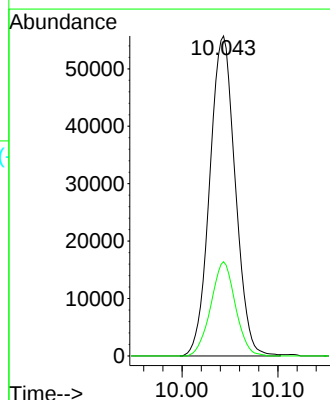
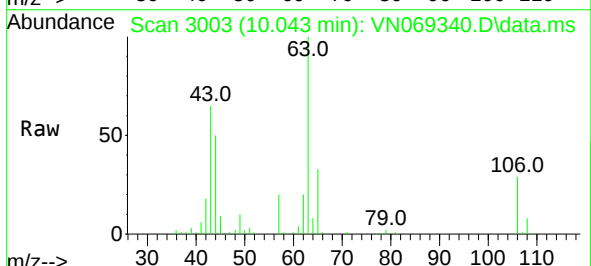
Acq: 2 Nov 2021 11:16

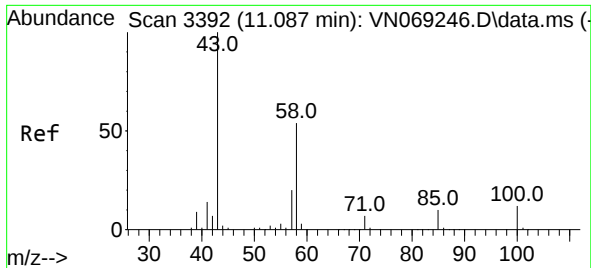
Tgt Ion: 63 Resp: 102783

Ion Ratio Lower Upper

63 100

106 28.3 22.2 33.2





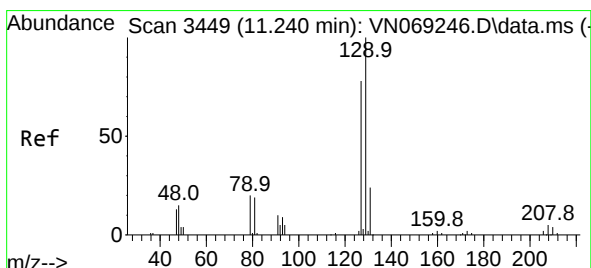
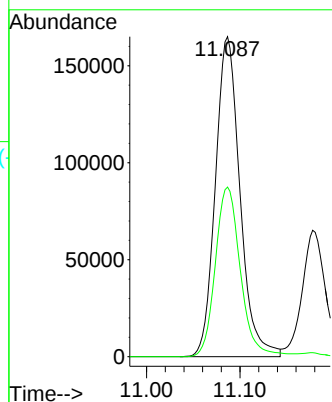
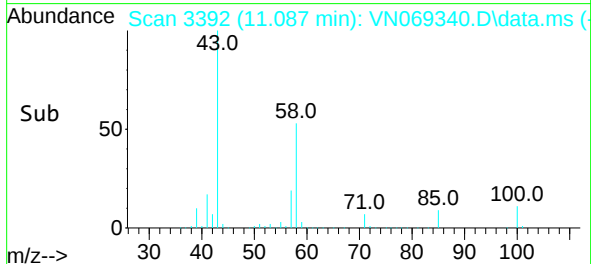
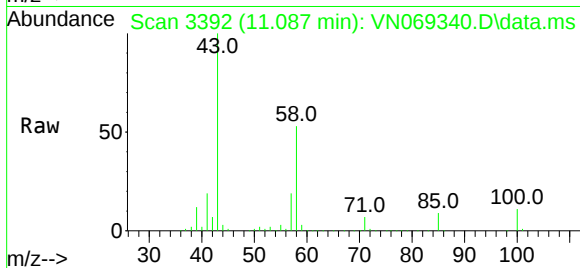
#59
2-Hexanone
Concen: 92.270 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tgt Ion: 43 Resp: 302154
Ion Ratio Lower Upper
43 100
58 54.0 26.9 80.7

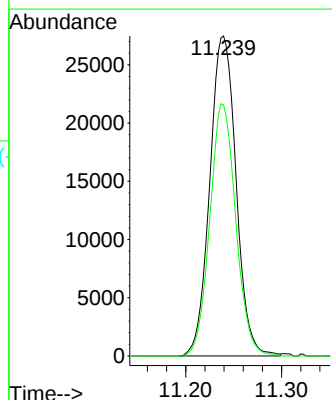
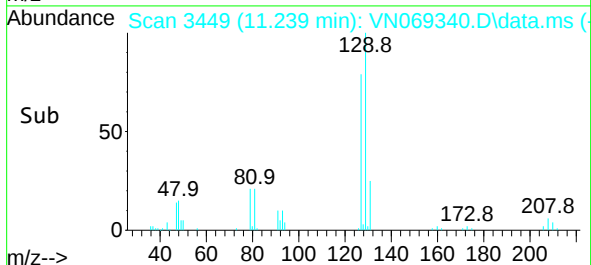
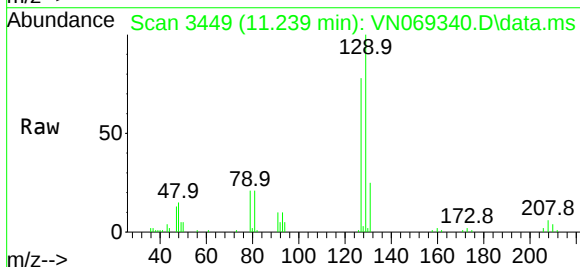
Manual Integrations
APPROVED

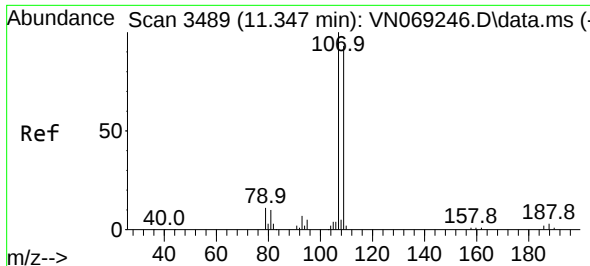
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#60
Dibromochloromethane
Concen: 17.866 ug/l
RT: 11.239 min Scan# 3449
Delta R.T. -0.001 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

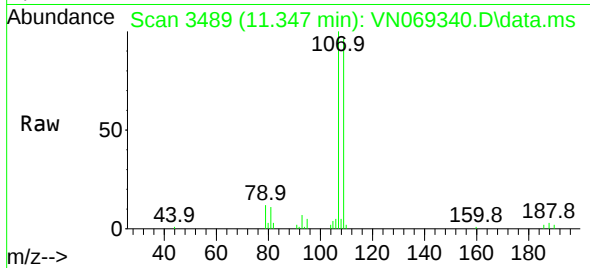
Tgt Ion:129 Resp: 52304
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





#61
1,2-Dibromoethane
Concen: 18.766 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

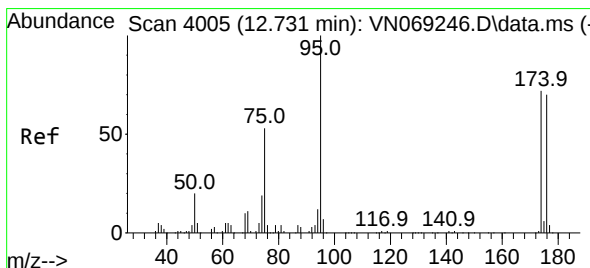
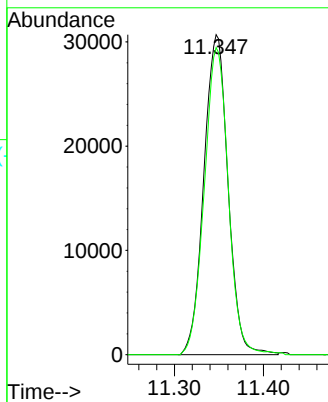
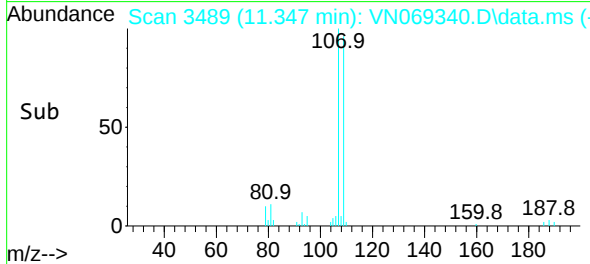
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



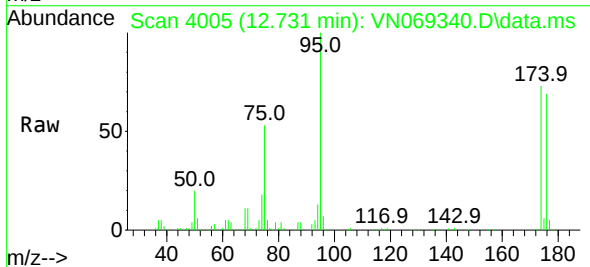
Tgt Ion:107 Resp: 5783
Ion Ratio Lower Upper
107 100
109 95.5 74.7 112.1

Manual Integrations
APPROVED

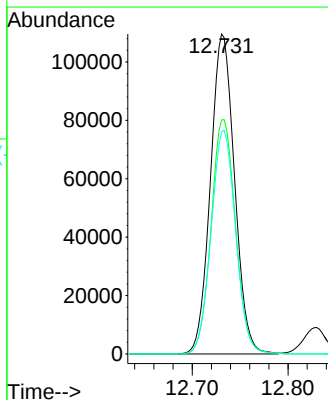
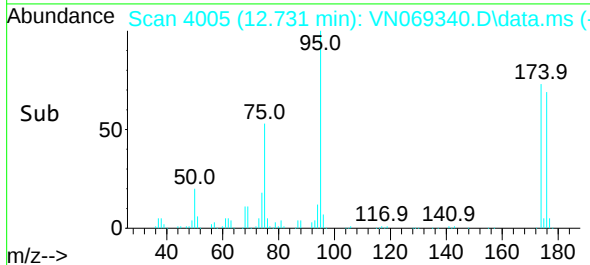
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

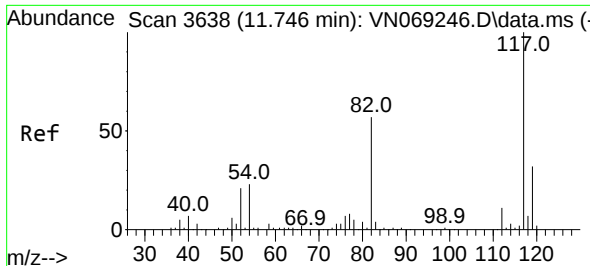


#62
4-Bromofluorobenzene
Concen: 49.898 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16



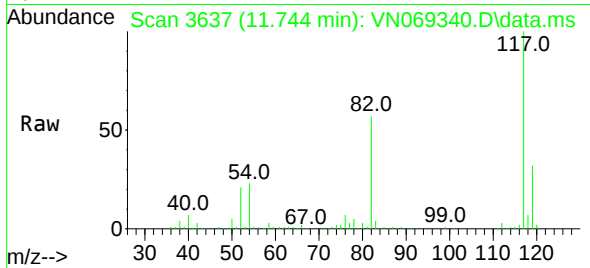
Tgt Ion: 95 Resp: 191011
Ion Ratio Lower Upper
95 100
174 74.1 0.0 144.8
176 71.1 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

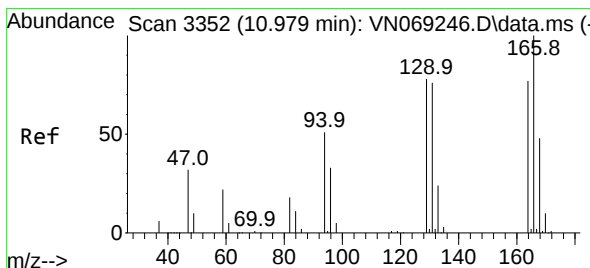
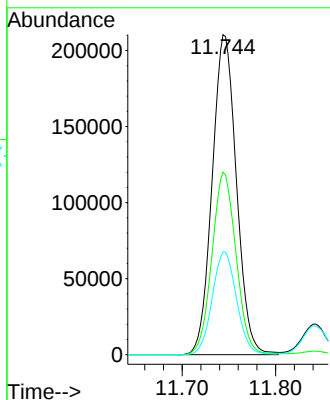
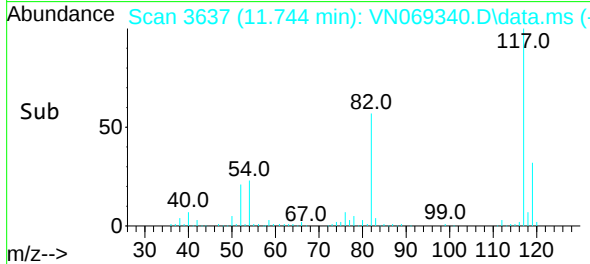
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



Tgt Ion:117 Resp: 380200
Ion Ratio Lower Upper
117 100
82 57.1 46.4 69.6
119 32.1 26.0 39.0

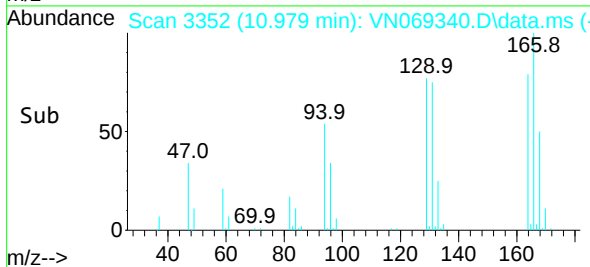
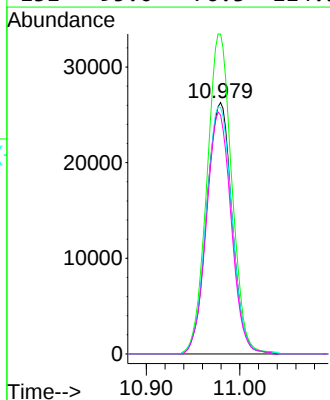
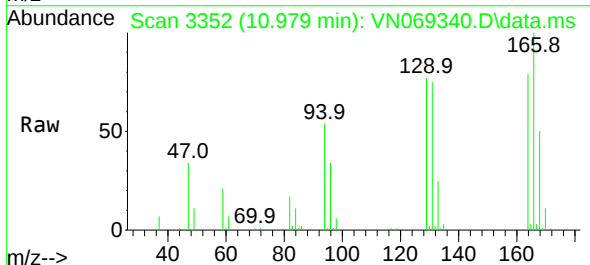
Manual Integrations
APPROVED

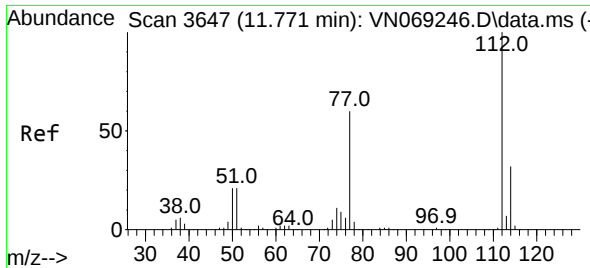
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#64
Tetrachloroethene
Concen: 20.456 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

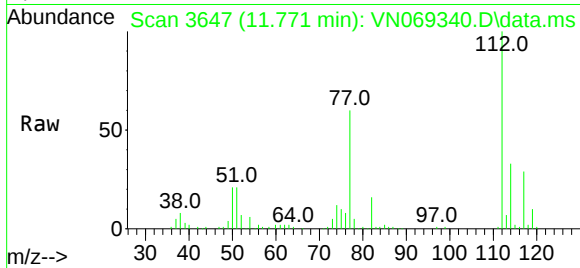
Tgt Ion:164 Resp: 49678
Ion Ratio Lower Upper
164 100
166 127.2 99.8 149.8
129 98.0 79.2 118.8
131 95.0 76.3 114.5





#65
Chlorobenzene
Concen: 19.806 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

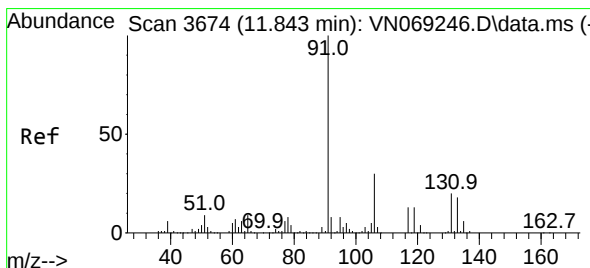
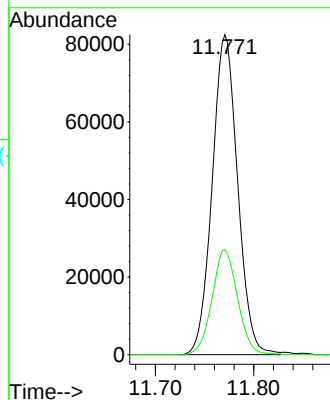
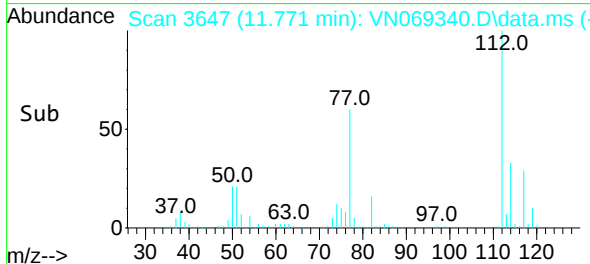
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



Tgt Ion:112 Resp: 148189
Ion Ratio Lower Upper
112 100
114 32.9 25.5 38.3

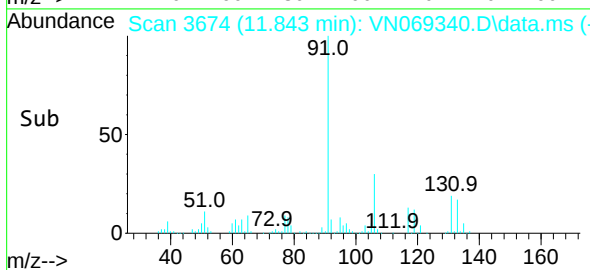
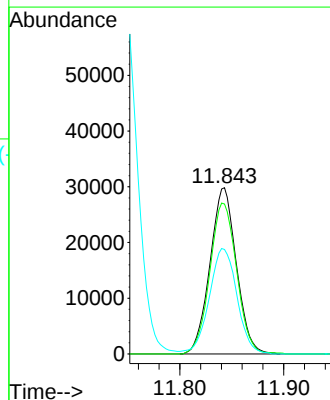
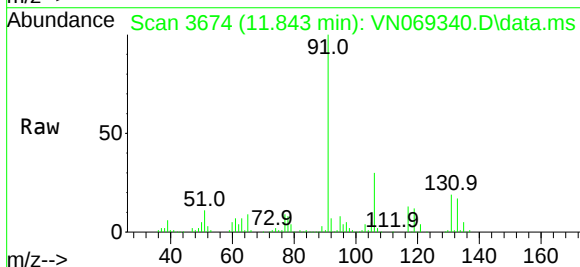
Manual Integrations
APPROVED

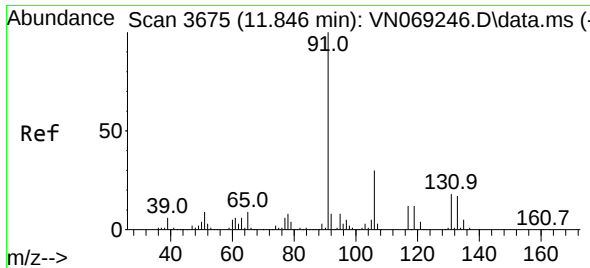
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 18.489 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

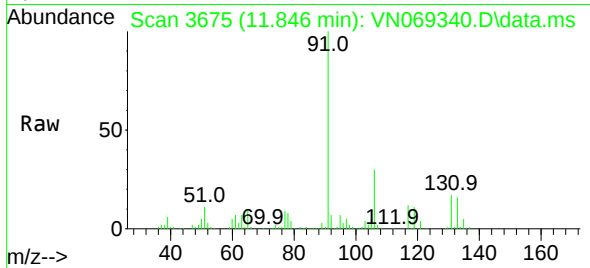
Tgt Ion:131 Resp: 52778
Ion Ratio Lower Upper
131 100
133 92.3 47.3 142.0
119 66.5 33.0 99.0





#67
Ethyl Benzene
Concen: 20.285 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

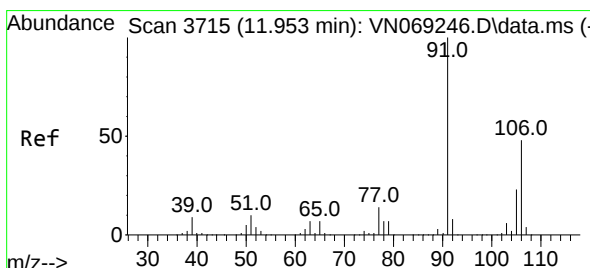
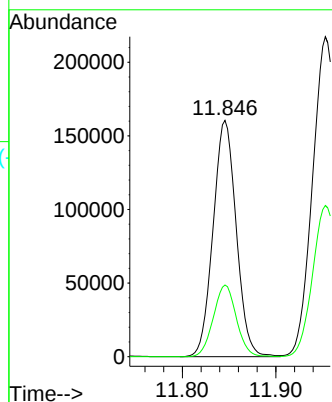
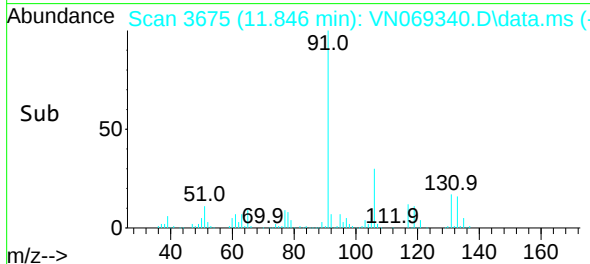
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



Tgt Ion: 91 Resp: 27649
Ion Ratio Lower Upper
91 100
106 30.4 24.8 37.2

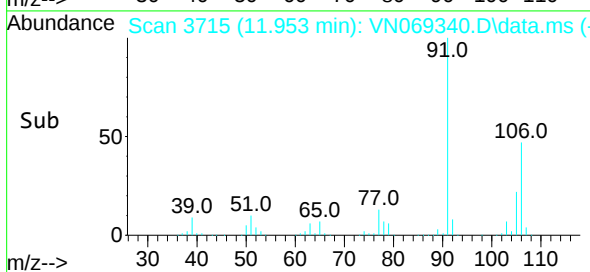
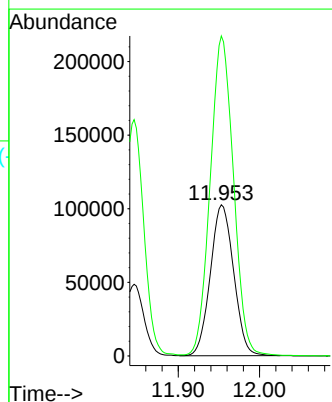
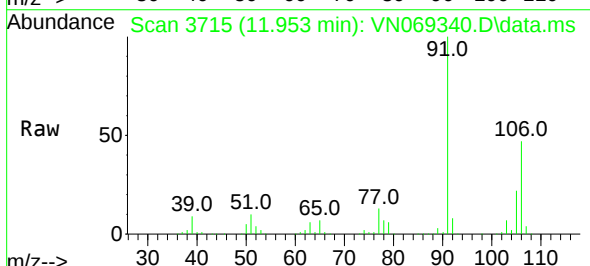
Manual Integrations
APPROVED

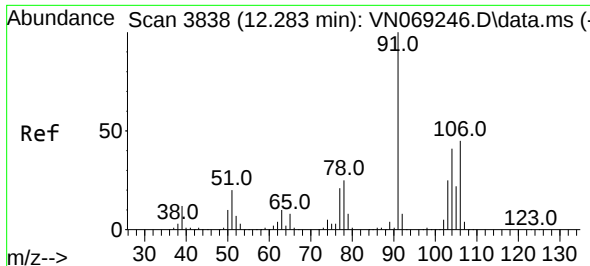
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#68
m/p-Xylenes
Concen: 40.192 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

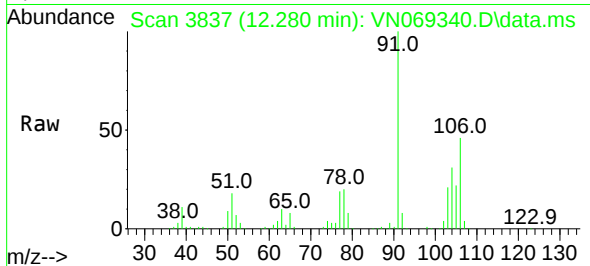
Tgt Ion:106 Resp: 204072
Ion Ratio Lower Upper
106 100
91 211.9 166.8 250.2





#69
o-Xylene
Concen: 19.921 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

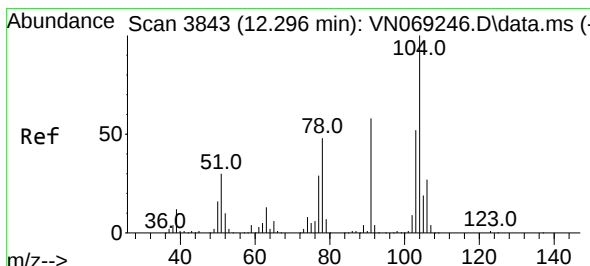
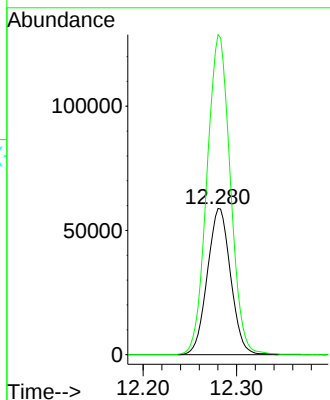
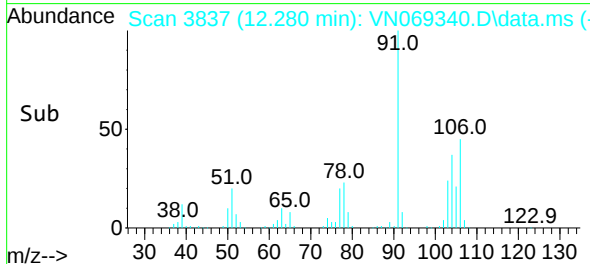
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



Tgt Ion:106 Resp: 101800
Ion Ratio Lower Upper
106 100
91 220.5 109.6 328.6

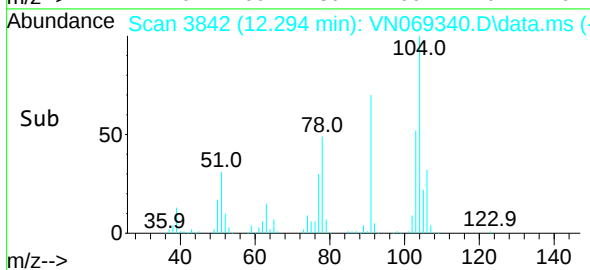
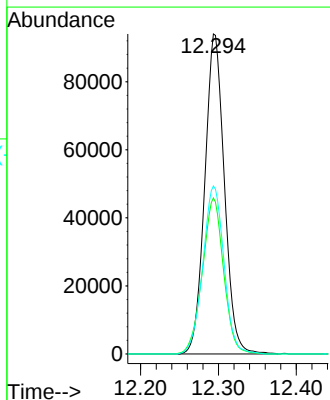
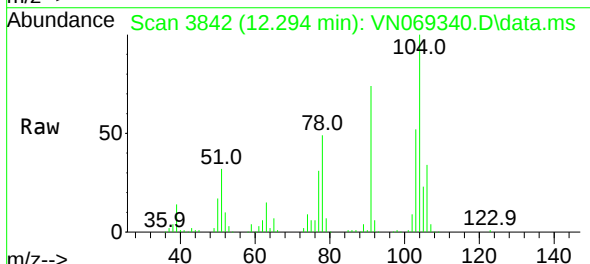
Manual Integrations
APPROVED

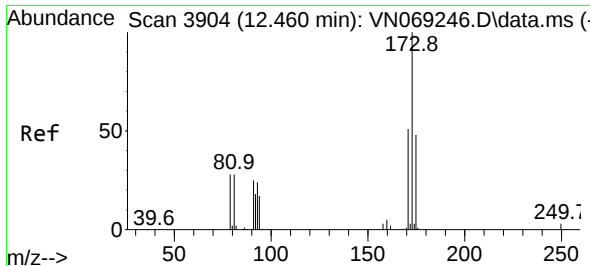
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#70
Styrene
Concen: 18.669 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.002 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

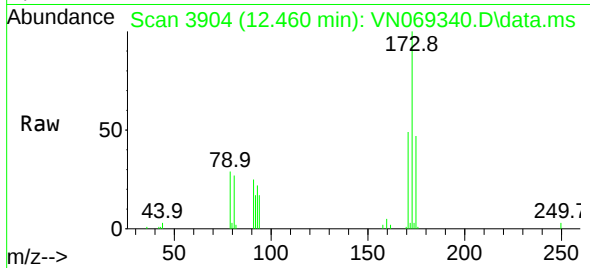
Tgt Ion:104 Resp: 164659
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.4
103 56.7 44.4 66.6





#71
Bromoform
Concen: 16.925 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

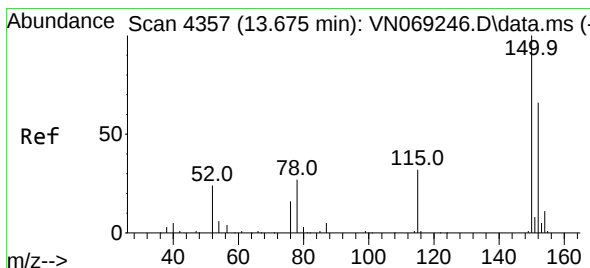
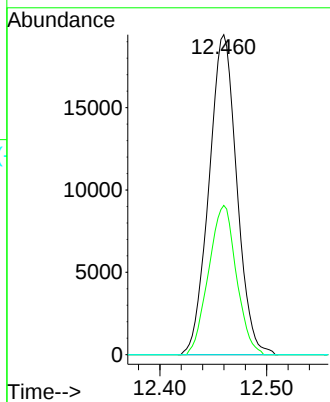
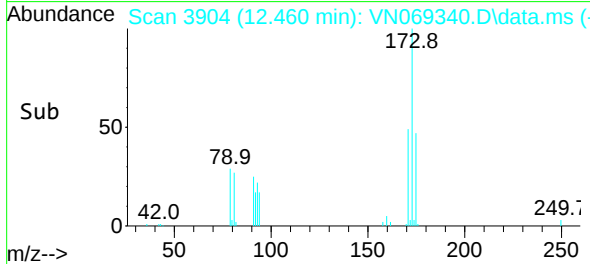
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



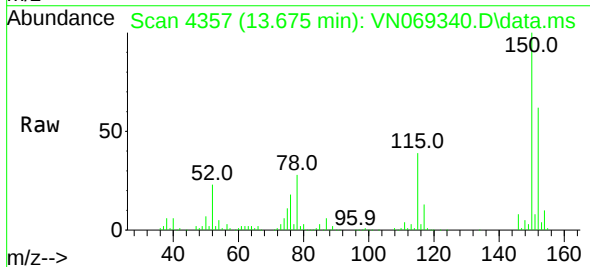
Tgt Ion:173 Resp: 3513
Ion Ratio Lower Upper
173 100
175 46.6 23.8 71.5
254 0.0 0.0 0.0

Manual Integrations
APPROVED

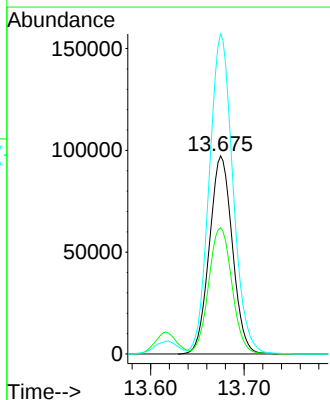
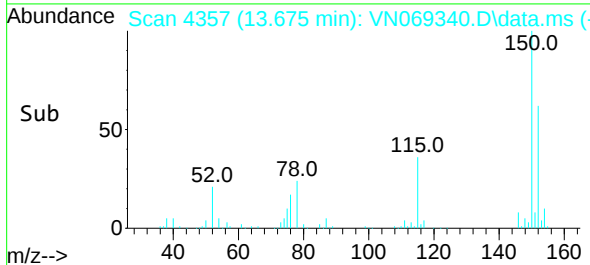
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

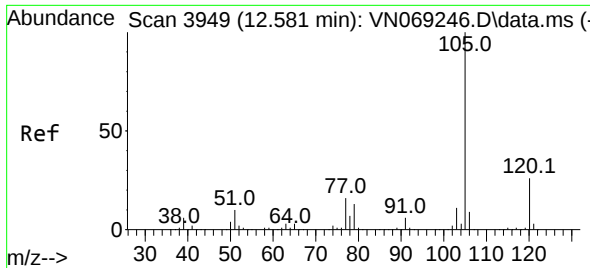


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16



Tgt Ion:152 Resp: 166593
Ion Ratio Lower Upper
152 100
115 64.6 31.4 94.3
150 166.6 0.0 351.0





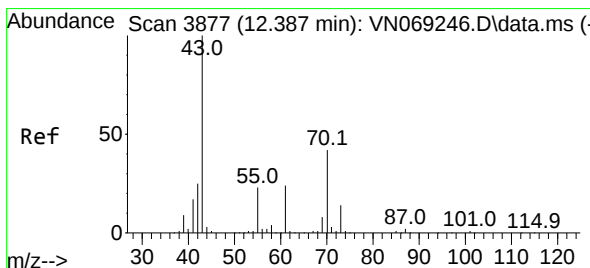
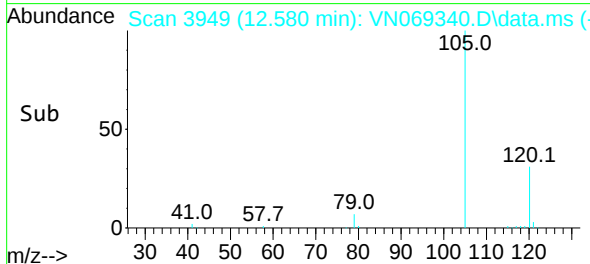
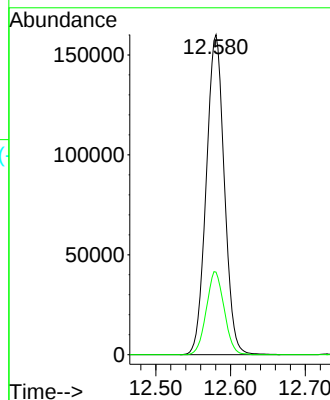
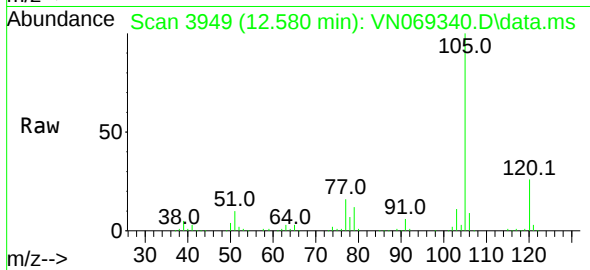
#73
Isopropylbenzene
Concen: 19.191 ug/l
RT: 12.580 min Scan# 3949
Delta R.T. -0.001 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tgt Ion:105 Resp: 268740
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.3

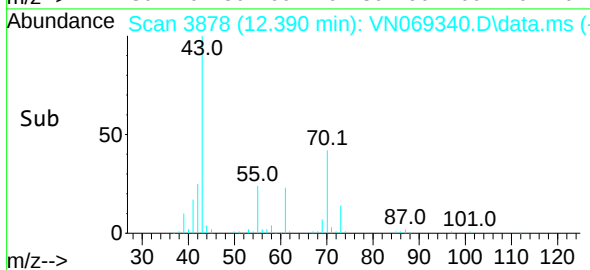
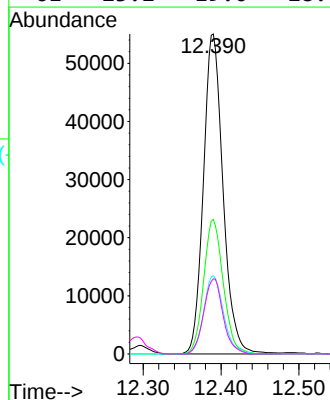
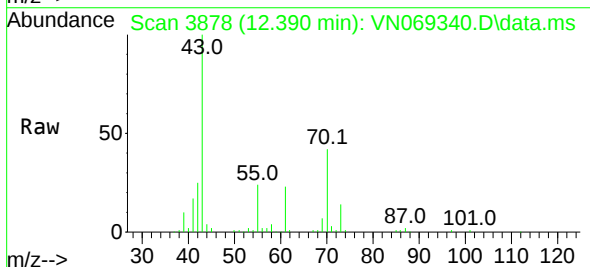
Manual Integrations
APPROVED

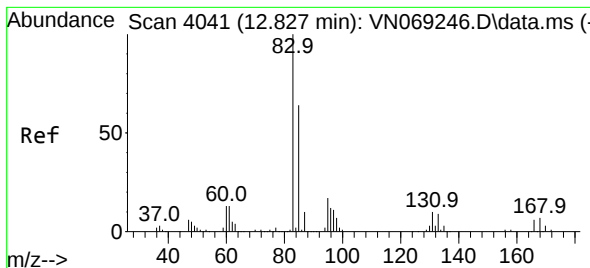
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#74
N-ethyl acetate
Concen: 17.503 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

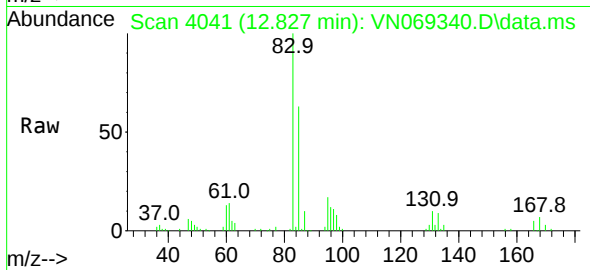
Tgt Ion: 43 Resp: 96554
Ion Ratio Lower Upper
43 100
70 42.0 32.2 48.2
55 24.5 18.0 27.0
61 23.2 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 19.795 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

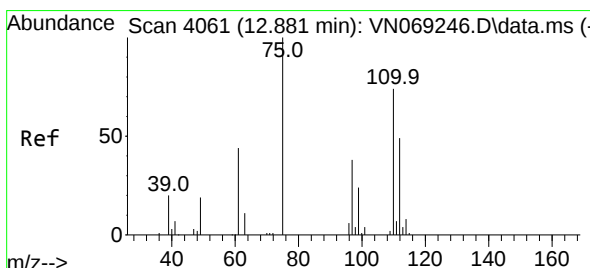
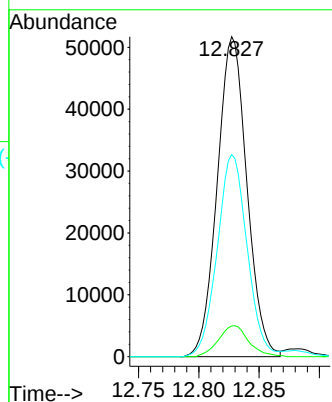
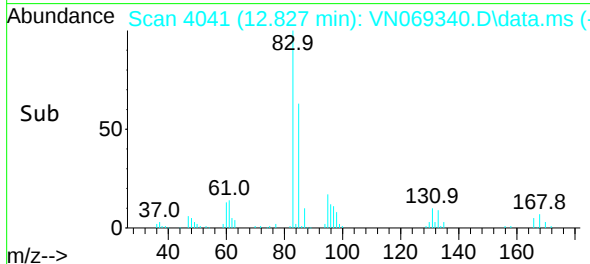
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



Tgt Ion: 83 Resp: 88489
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 63.5 32.3 96.8

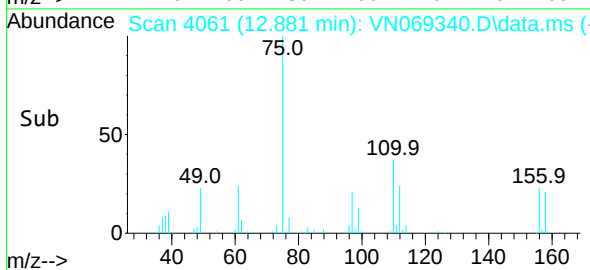
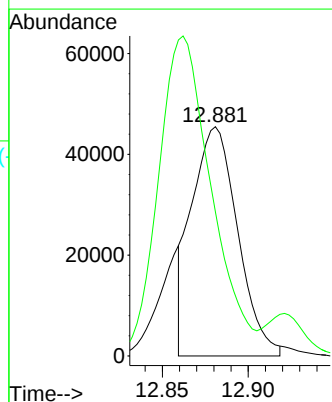
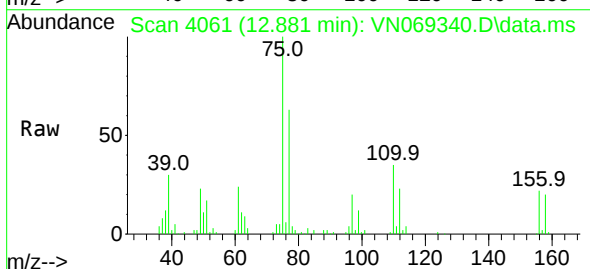
Manual Integrations
APPROVED

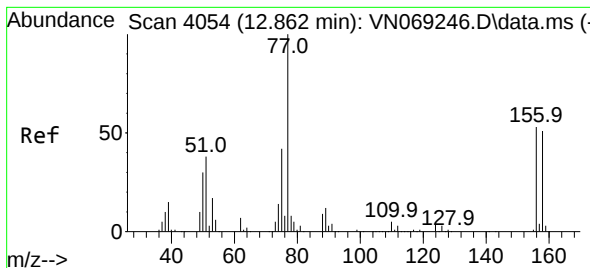
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#76
1,2,3-Trichloropropane
Concen: 19.343 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Tgt Ion: 75 Resp: 84754
Ion Ratio Lower Upper
75 100
77 159.9 96.2 288.4





#77

Bromobenzene

Concen: 18.867 ug/l

RT: 12.862 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VN069340.D

Acq: 2 Nov 2021 11:16

Instrument :

MSVOA_N

ClientSampleId :

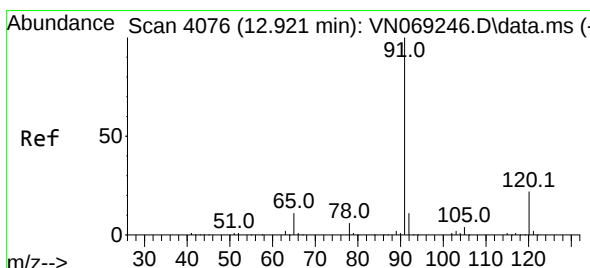
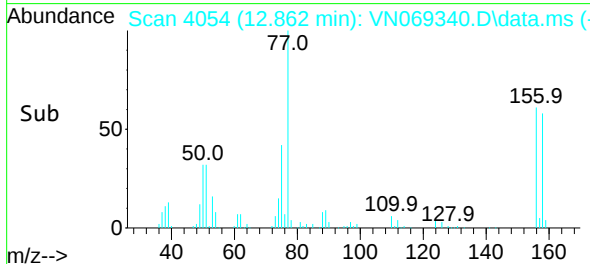
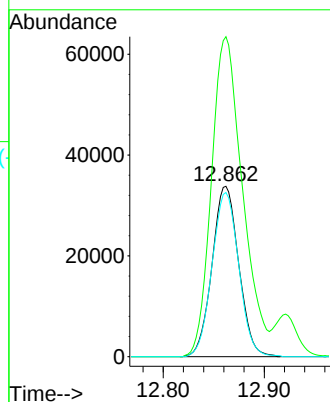
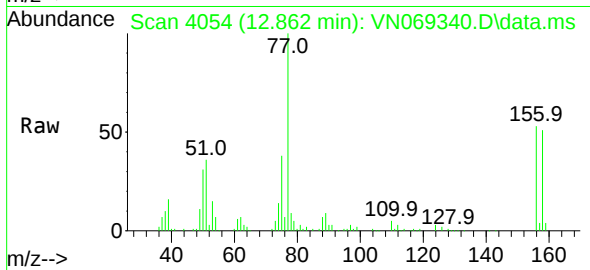
VN1102WBSD01

Tgt Ion:156 Resp: 61980
 Ion Ratio Lower Upper
 156 100
 77 218.6 111.8 335.3
 158 96.5 48.4 145.0

Manual Integrations

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Reviewed By :John Carlone 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021



#78

n-propylbenzene

Concen: 19.528 ug/l

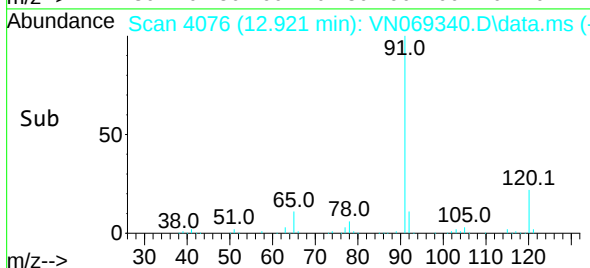
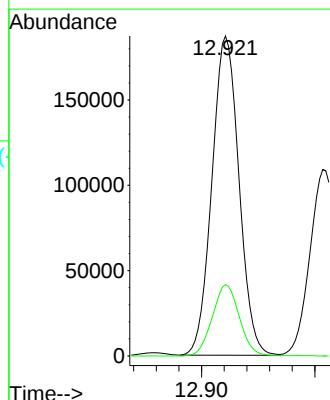
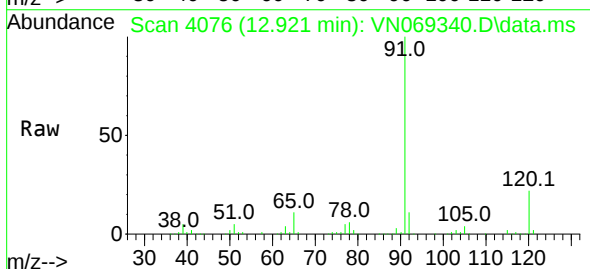
RT: 12.921 min Scan# 4076

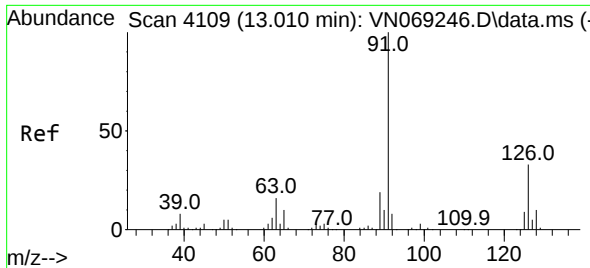
Delta R.T. 0.000 min

Lab File: VN069340.D

Acq: 2 Nov 2021 11:16

Tgt Ion: 91 Resp: 309532
 Ion Ratio Lower Upper
 91 100
 120 22.3 11.4 34.1





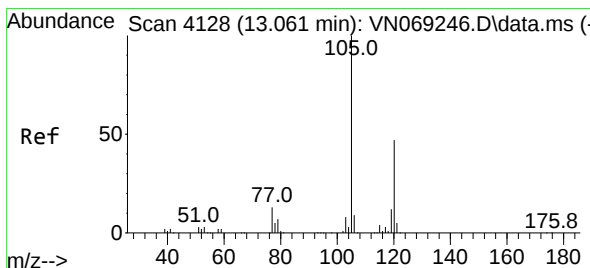
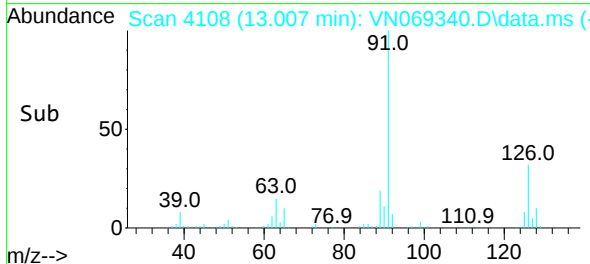
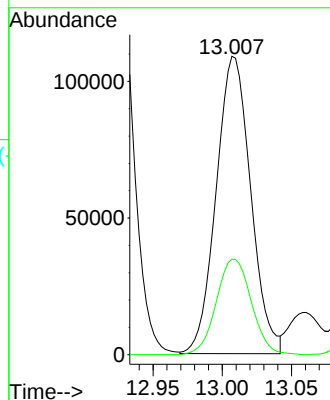
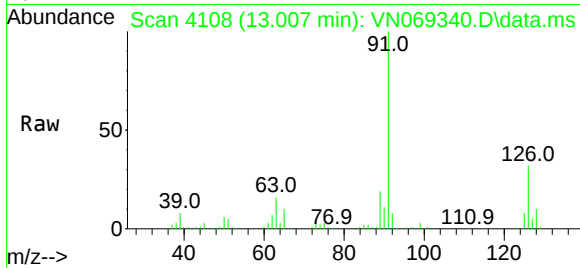
#79
2-Chlorotoluene
Concen: 18.939 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01

Tgt Ion: 91 Resp: 189069
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.4

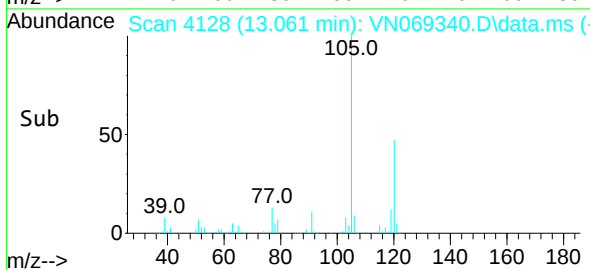
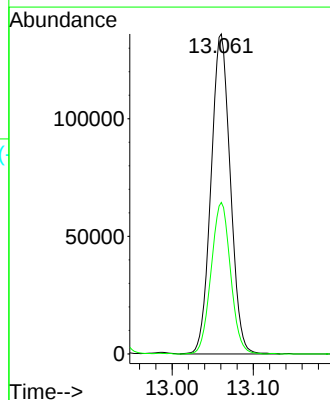
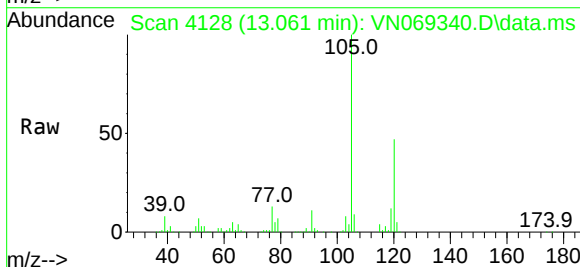
Manual Integrations
APPROVED

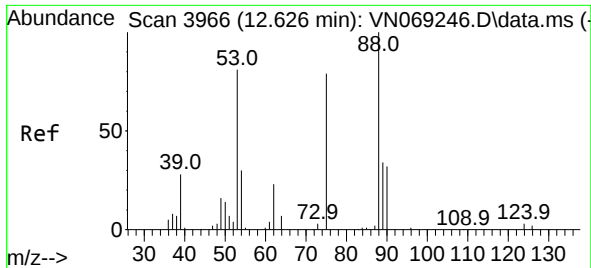
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.299 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

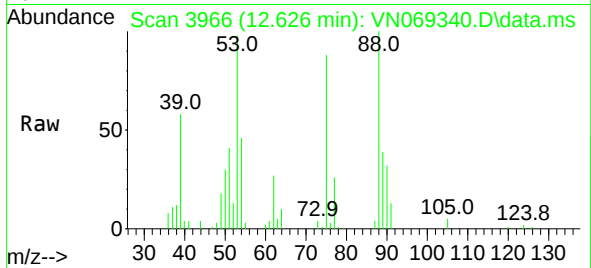
Tgt Ion:105 Resp: 224353
Ion Ratio Lower Upper
105 100
120 47.7 23.4 70.2





#81
trans-1,4-Dichloro-2-butene
Concen: 16.873 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

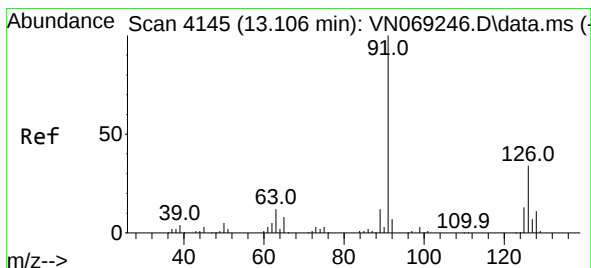
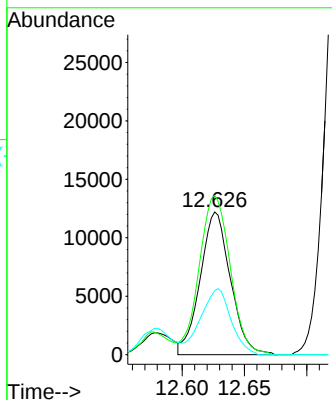
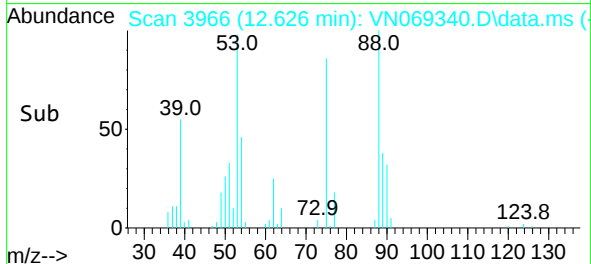
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



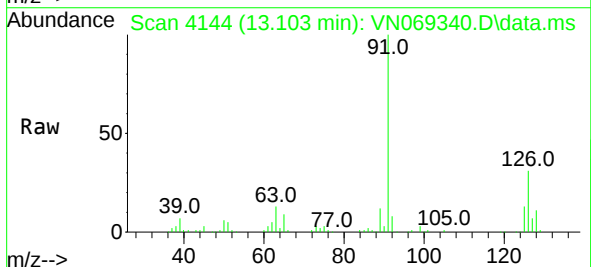
Tgt Ion: 75 Resp: 20554
Ion Ratio Lower Upper
75 100
53 114.9 75.4 113.2
89 46.8 36.9 55.3

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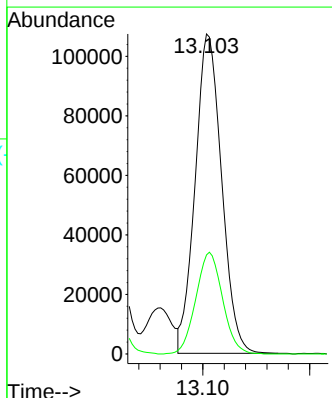
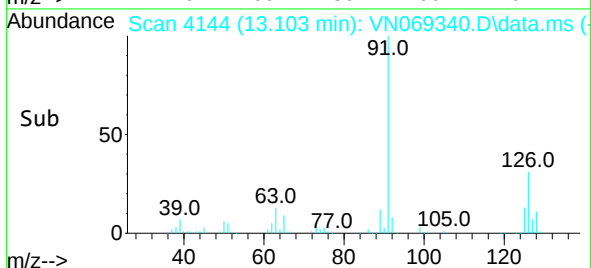
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

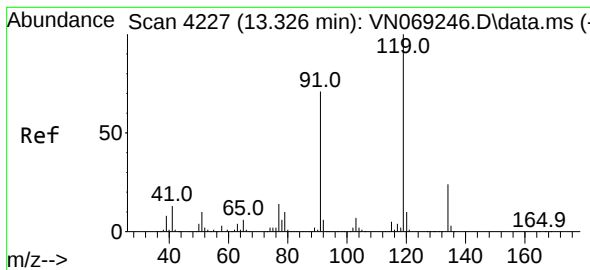


#82
4-Chlorotoluene
Concen: 18.713 ug/l
RT: 13.103 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16



Tgt Ion: 91 Resp: 184253
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8





#83

tert-Butylbenzene

Concen: 19.087 ug/l

RT: 13.323 min Scan# 41

Delta R.T. -0.003 min

Lab File: VN069340.D

Acq: 2 Nov 2021 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD01

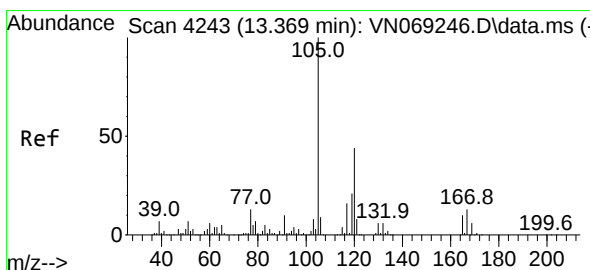
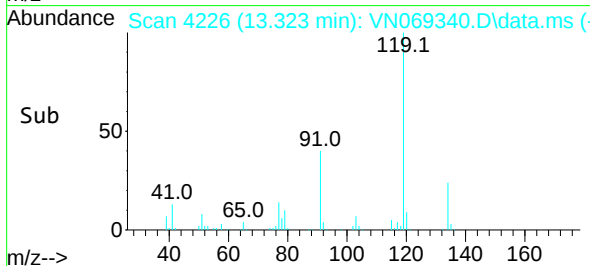
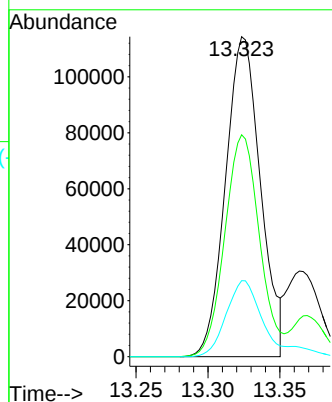
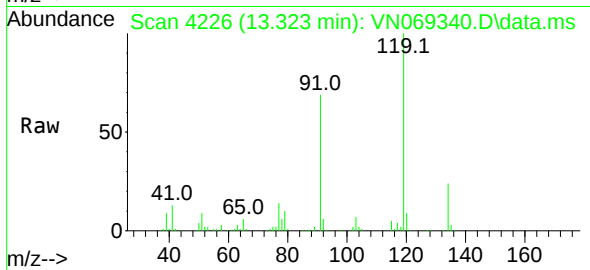
Tgt Ion:119 Resp: 193592
 Ion Ratio Lower Upper
 119 100
 91 68.9 34.6 103.9
 134 25.9 12.6 37.6

Manual Integrations

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Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#84

1,2,4-Trimethylbenzene

Concen: 19.325 ug/l

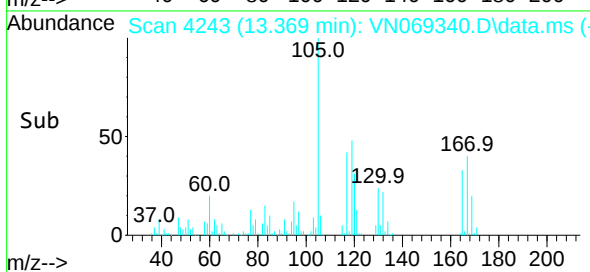
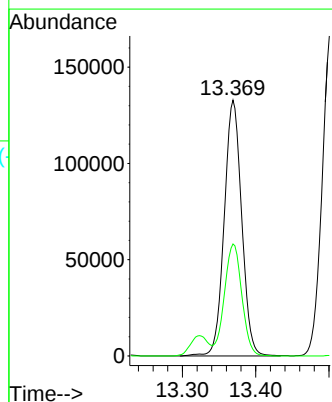
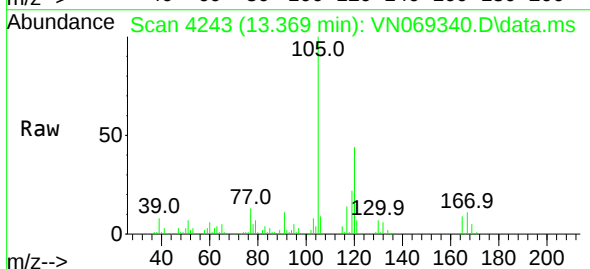
RT: 13.369 min Scan# 4243

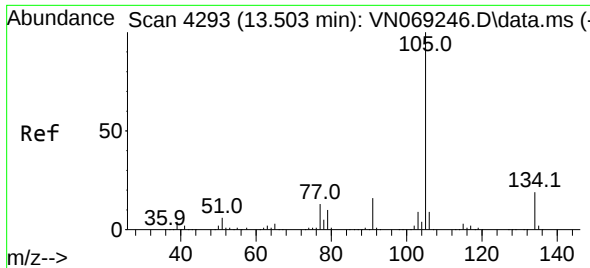
Delta R.T. -0.000 min

Lab File: VN069340.D

Acq: 2 Nov 2021 11:16

Tgt Ion:105 Resp: 219733
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.9 65.5





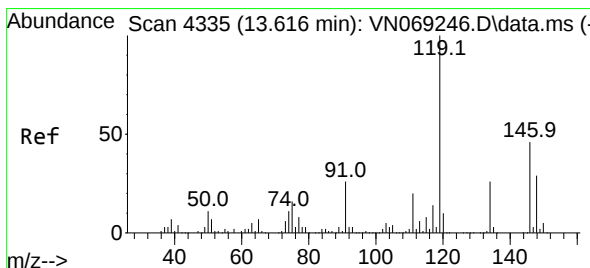
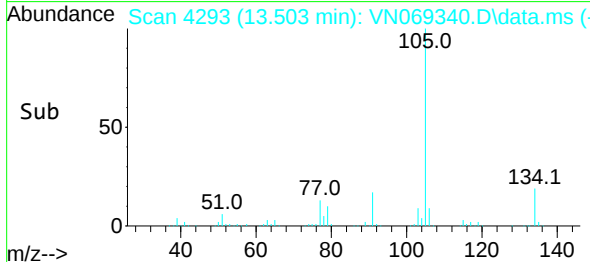
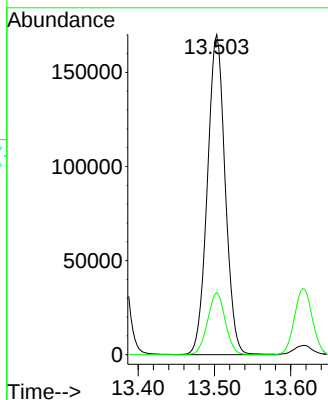
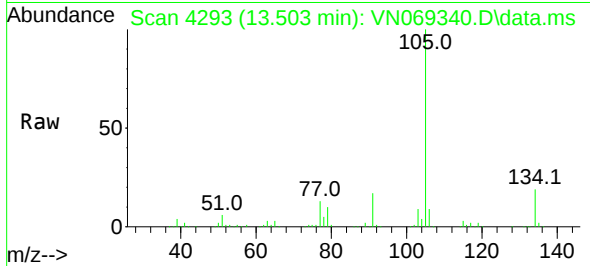
#85
 sec-Butylbenzene
 Concen: 19.584 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069340.D
 Acq: 2 Nov 2021 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD01

Tgt Ion:105 Resp: 275209
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

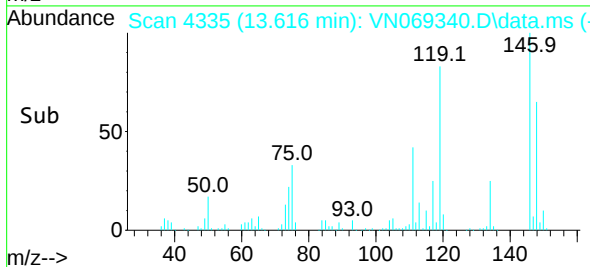
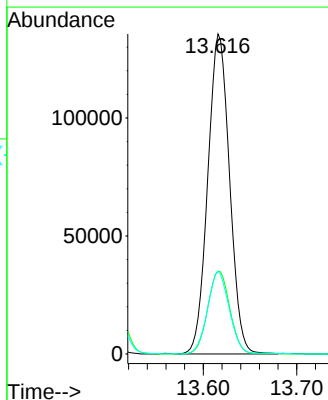
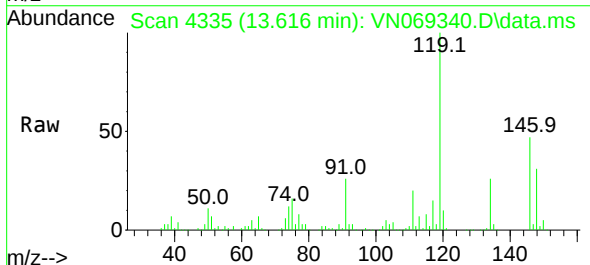
Manual Integrations
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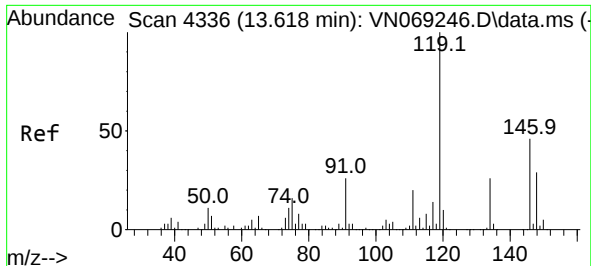
Reviewed By :John Carlone 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021



#86
 p-Isopropyltoluene
 Concen: 19.588 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069340.D
 Acq: 2 Nov 2021 11:16

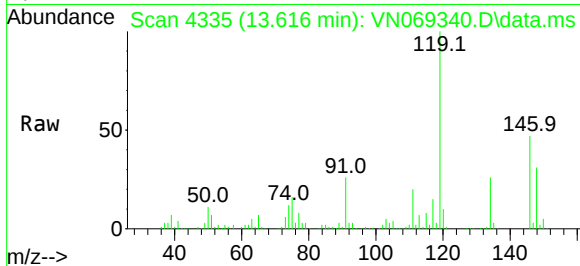
Tgt Ion:119 Resp: 219536
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 25.7 12.8 38.4





#87
 1,3-Dichlorobenzene
 Concen: 19.160 ug/l
 RT: 13.616 min Scan# 4336
 Delta R.T. -0.002 min
 Lab File: VN069340.D
 Acq: 2 Nov 2021 11:16

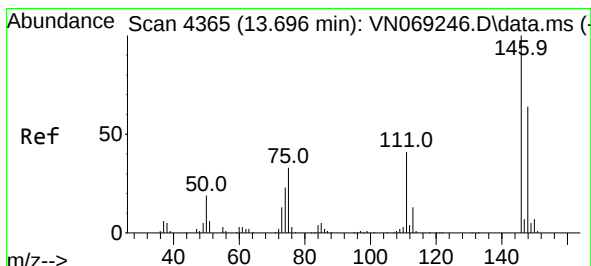
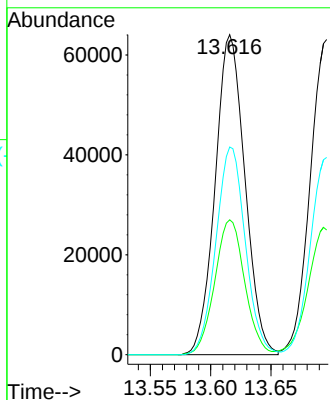
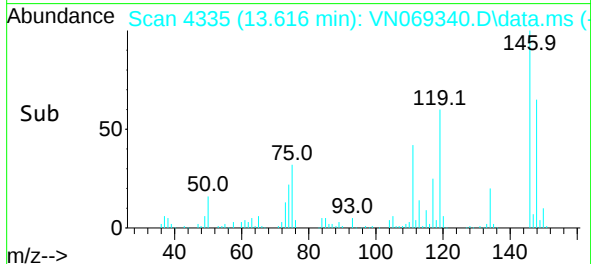
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD01



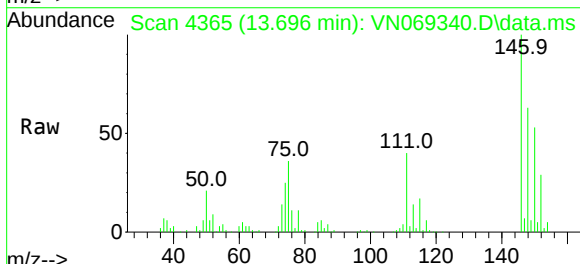
Tgt Ion:146 Resp: 11011
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.4 64.2
 148 64.0 32.0 96.2

Manual Integrations
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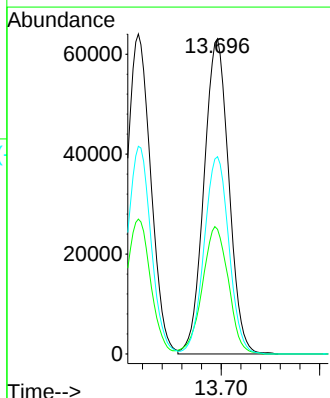
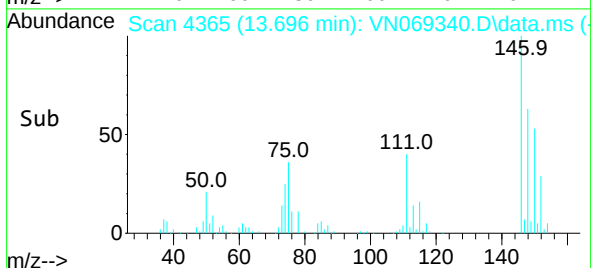
Reviewed By :John Carlone 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021

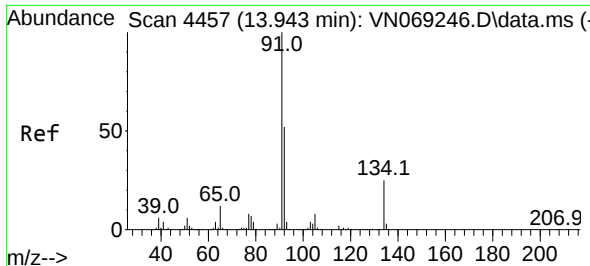


#88
 1,4-Dichlorobenzene
 Concen: 19.904 ug/l
 RT: 13.696 min Scan# 4365
 Delta R.T. 0.000 min
 Lab File: VN069340.D
 Acq: 2 Nov 2021 11:16



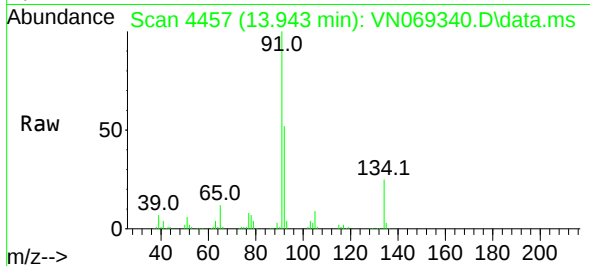
Tgt Ion:146 Resp: 110828
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.6 61.8
 148 62.7 32.1 96.5





#89
n-Butylbenzene
Concen: 19.077 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

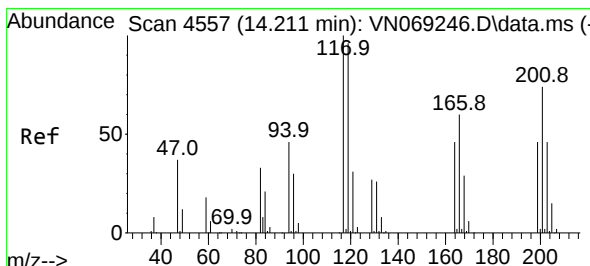
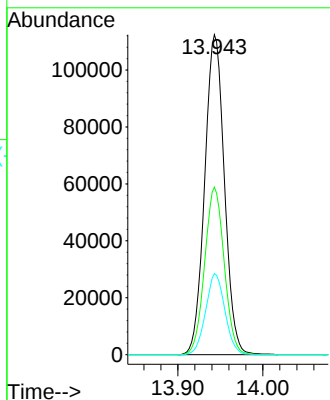
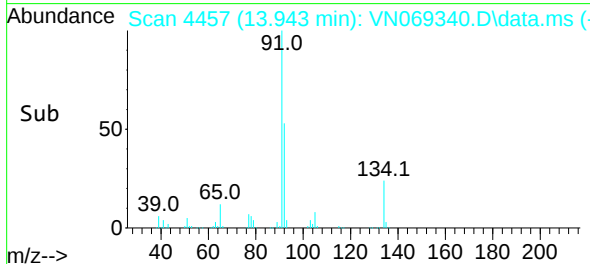
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



Tgt Ion: 91 Resp: 18105
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 24.7 12.5 37.5

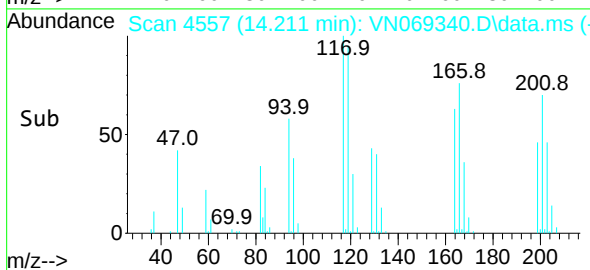
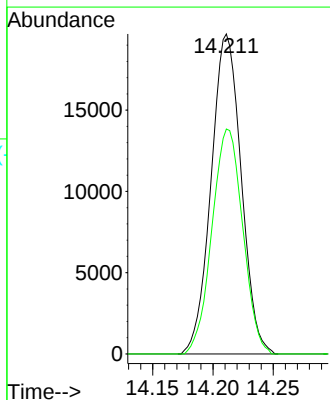
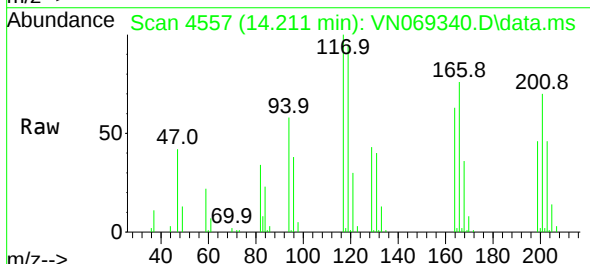
Manual Integrations
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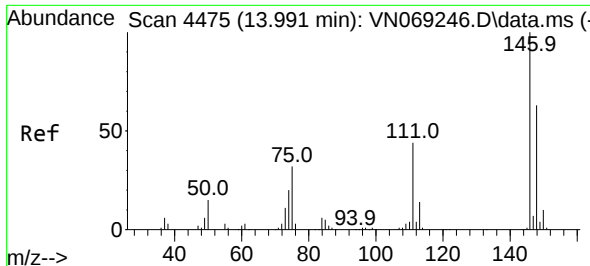
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#90
Hexachloroethane
Concen: 16.805 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

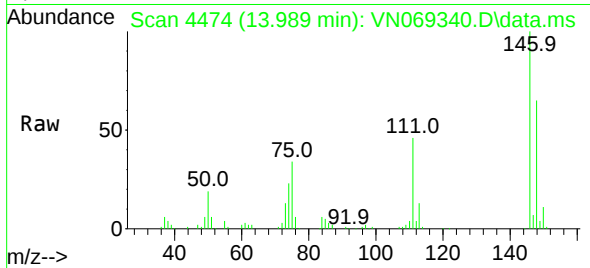
Tgt Ion:117 Resp: 34180
Ion Ratio Lower Upper
117 100
201 71.9 37.1 111.5





#91
1,2-Dichlorobenzene
Concen: 19.219 ug/l
RT: 13.989 min Scan# 4475
Delta R.T. -0.002 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

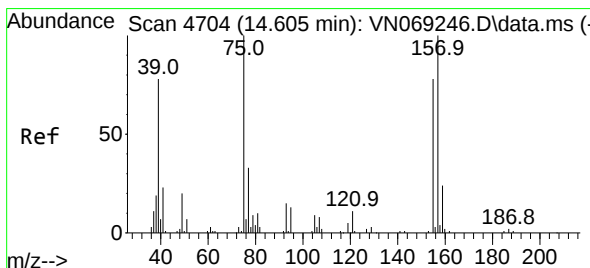
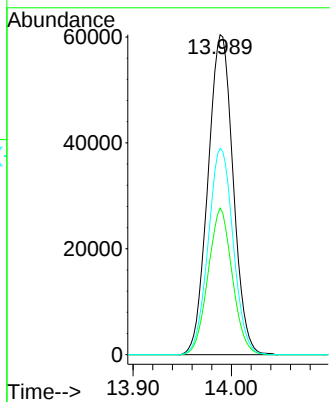
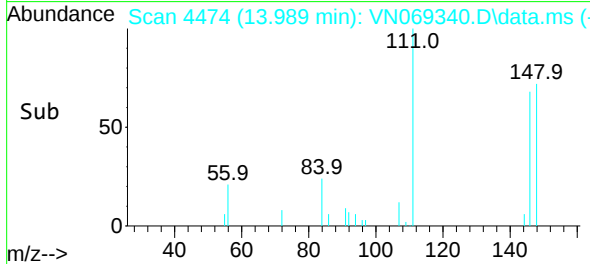
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



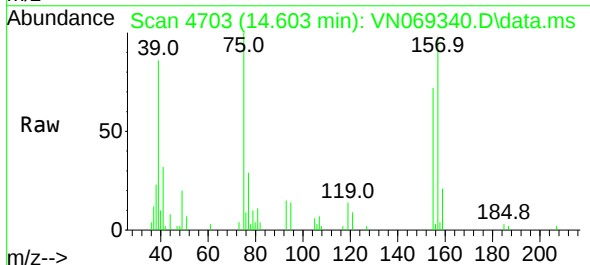
Tgt Ion:146 Resp: 10761
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 63.9 32.1 96.5

Manual Integrations
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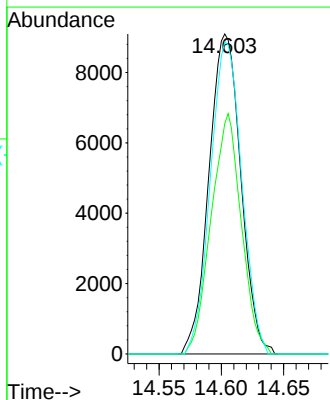
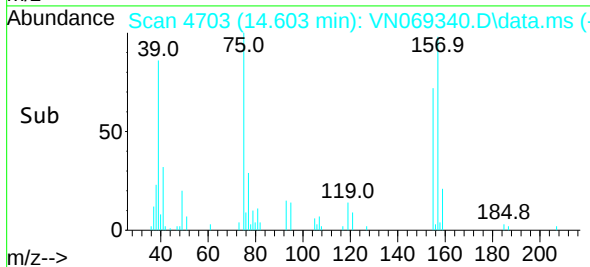
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

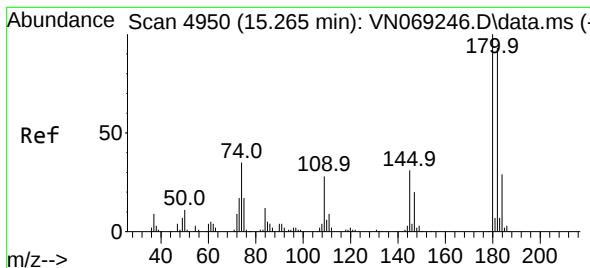


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.544 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.002 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16



Tgt Ion: 75 Resp: 16187
Ion Ratio Lower Upper
75 100
155 71.2 38.8 116.4
157 95.8 50.2 150.6





#93

1,2,4-Trichlorobenzene

Concen: 20.587 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN069340.D

Acq: 2 Nov 2021 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD01

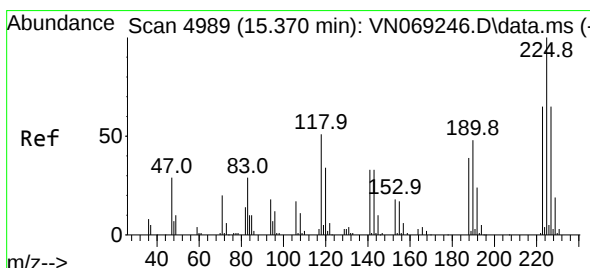
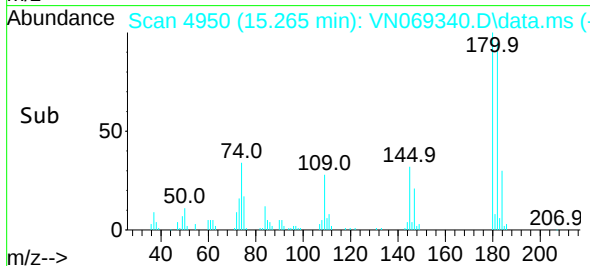
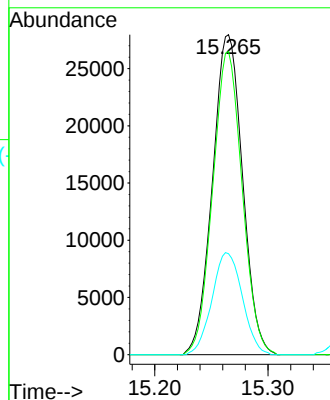
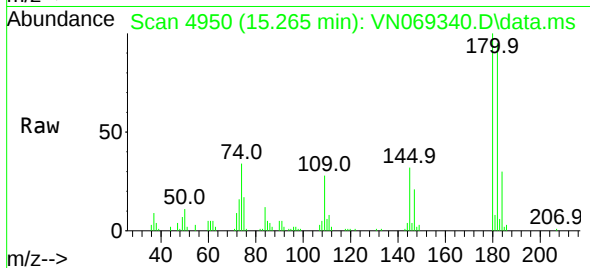
Tgt Ion:	180	Resp:	5153
Ion Ratio	Lower	Upper	
180	100		
182	92.7	47.9	143.7
145	32.2	16.4	49.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#94

Hexachlorobutadiene

Concen: 21.045 ug/l

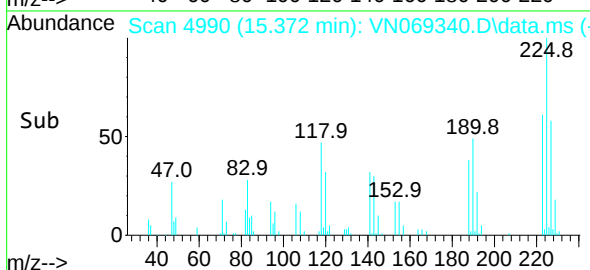
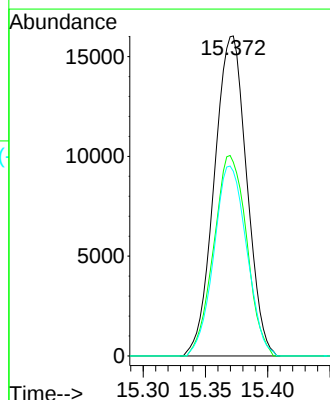
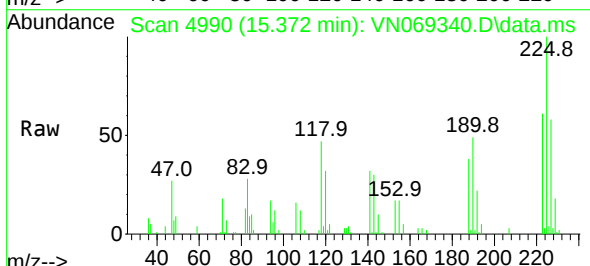
RT: 15.372 min Scan# 4990

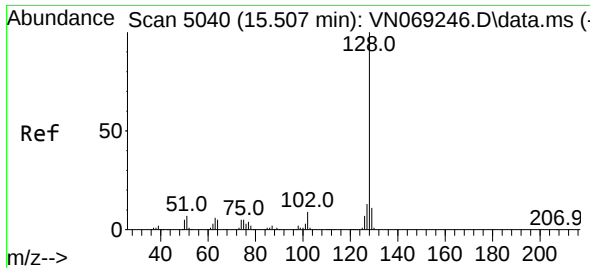
Delta R.T. 0.002 min

Lab File: VN069340.D

Acq: 2 Nov 2021 11:16

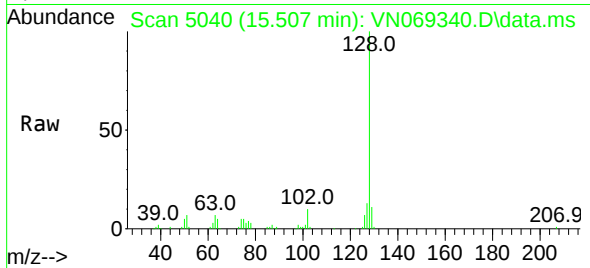
Tgt Ion:	225	Resp:	28998
Ion Ratio	Lower	Upper	
225	100		
223	63.6	31.5	94.5
227	60.0	31.6	94.7





#95
Naphthalene
Concen: 19.897 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

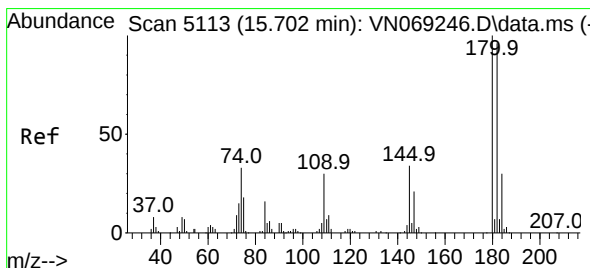
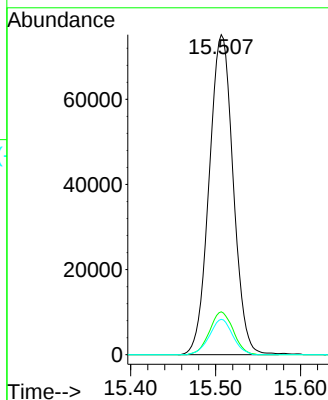
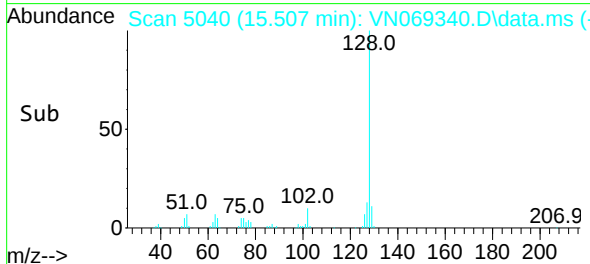
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD01



Tgt Ion:128 Resp: 147889
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.7 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#96
1,2,3-Trichlorobenzene
Concen: 21.049 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069340.D
Acq: 2 Nov 2021 11:16

Tgt Ion:180 Resp: 52092
Ion Ratio Lower Upper
180 100
182 93.6 48.1 144.3
145 34.0 17.4 52.2

