

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069807.D
 Acq On : 7 Dec 2021 12:00
 Operator : JC/MD
 Sample : VN1207WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Amit Patel 12/14/2021

Quant Time: Dec 08 04:32:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1049684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1685280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1533956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	633778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	731271	45.120	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.240%		
35) Dibromofluoromethane	8.021	113	498841	47.256	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.520%		
50) Toluene-d8	10.440	98	1933268	45.610	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.220%		
62) 4-Bromofluorobenzene	12.731	95	667649	43.479	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	215911	17.636	ug/l	100
3) Chloromethane	2.306	50	249976	16.298	ug/l	97
4) Vinyl Chloride	2.448	62	232688	16.499	ug/l	98
5) Bromomethane	2.861	94	134800	17.593	ug/l	95
6) Chloroethane	3.027	64	144929	16.769	ug/l	97
7) Trichlorofluoromethane	3.379	101	315827	17.062	ug/l	99
8) Diethyl Ether	3.827	74	125976	17.671	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	187740	18.094	ug/l	96
10) Methyl Iodide	4.422	142	230564	16.266	ug/l	97
11) Tert butyl alcohol	5.374	59	212957	69.513	ug/l #	83
12) 1,1-Dichloroethene	4.181	96	169056	16.908	ug/l	87
13) Acrolein	4.038	56	272185	104.330	ug/l	98
14) Allyl chloride	4.843	41	374089	16.604	ug/l	95
15) Acrylonitrile	5.556	53	649478	78.676	ug/l	100
16) Acetone	4.288	43	775738	79.568	ug/l	98
17) Carbon Disulfide	4.529	76	415336	16.079	ug/l	100
18) Methyl Acetate	4.856	43	459659	15.620	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	682178	17.547	ug/l	96
20) Methylene Chloride	5.092	84	218064	16.825	ug/l	86
21) trans-1,2-Dichloroethene	5.602	96	183623	16.908	ug/l	88
22) Diisopropyl ether	6.498	45	793567	18.020	ug/l	97
23) Vinyl Acetate	6.433	43	3199198	89.296	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	393648	17.256	ug/l	98
25) 2-Butanone	7.335	43	1006455	75.979	ug/l	92
26) 2,2-Dichloropropane	7.327	77	304833	17.187	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	222816	16.982	ug/l	85
28) Bromochloromethane	7.656	49	236929	19.973	ug/l #	79
29) Tetrahydrofuran	7.686	42	631316	78.487	ug/l	87
30) Chloroform	7.817	83	404769	17.569	ug/l	100
31) Cyclohexane	8.094	56	390178	17.299	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	333739	17.006	ug/l	96
36) 1,1-Dichloropropene	8.220	75	288761	17.999	ug/l	97
37) Ethyl Acetate	7.412	43	389270	16.302	ug/l	95
38) Carbon Tetrachloride	8.206	117	274673	17.459	ug/l	98
39) Methylcyclohexane	9.459	83	346676	18.167	ug/l	89
40) Benzene	8.458	78	883320	18.013	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	198975	17.751	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	360818	18.227	ug/l	96
43) Isopropyl Acetate	8.560	43	607841	17.202	ug/l #	93
44) Trichloroethene	9.215	130	211784	18.094	ug/l	93
45) 1,2-Dichloropropane	9.488	63	240041	18.228	ug/l	97
46) Dibromomethane	9.577	93	156640	18.137	ug/l	93
47) Bromodichloromethane	9.759	83	298221	18.238	ug/l	99
48) Methyl methacrylate	9.561	41	276897	16.791	ug/l	90
49) 1,4-Dioxane	9.569	88	84013	283.932	ug/l	87
51) 4-Methyl-2-Pentanone	10.330	43	1923165	83.895	ug/l	95
52) Toluene	10.505	92	531149	17.741	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	306537	17.507	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	333784	17.521	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	215752	17.861	ug/l	96
56) Ethyl methacrylate	10.759	69	352500	17.040	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	389836	18.328	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	433642	83.660	ug/l	91
59) 2-Hexanone	11.084	43	1371996	79.119	ug/l	93
60) Dibromochloromethane	11.237	129	206438	17.568	ug/l	99
61) 1,2-Dibromoethane	11.344	107	221287	17.686	ug/l	99
64) Tetrachloroethene	10.977	164	189262	18.196	ug/l	97
65) Chlorobenzene	11.771	112	563027	18.092	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	203204	18.552	ug/l	100
67) Ethyl Benzene	11.843	91	1036625	18.338	ug/l	95
68) m/p-Xylenes	11.953	106	754243	36.645	ug/l	92
69) o-Xylene	12.280	106	375042	18.090	ug/l	92
70) Styrene	12.294	104	594826	18.094	ug/l	95
71) Bromoform	12.457	173	138845	16.742	ug/l #	98
73) Isopropylbenzene	12.578	105	981784	17.411	ug/l	98
74) N-amyl acetate	12.387	43	401813	16.113	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	329274	16.887	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	280488m	15.432	ug/l	
77) Bromobenzene	12.859	156	227870	17.204	ug/l	80
78) n-propylbenzene	12.918	91	1094476	17.442	ug/l	96
79) 2-Chlorotoluene	13.007	91	684661	17.268	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	804693	17.730	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	74882	16.450	ug/l #	84
82) 4-Chlorotoluene	13.104	91	653933	17.538	ug/l	93
83) tert-Butylbenzene	13.323	119	686068	17.071	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	777199	17.981	ug/l	98
85) sec-Butylbenzene	13.500	105	949476	17.418	ug/l	97
86) p-Isopropyltoluene	13.616	119	749310	17.586	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	378766	17.407	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	374088	17.494	ug/l	97
89) n-Butylbenzene	13.943	91	581426	16.822	ug/l	98
90) Hexachloroethane	14.211	117	124096	16.588	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	370071	17.455	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	53140	15.082	ug/l	81
93) 1,2,4-Trichlorobenzene	15.262	180	150969	16.561	ug/l	98
94) Hexachlorobutadiene	15.370	225	100503	17.887	ug/l	99
95) Naphthalene	15.507	128	391088	15.606	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	151244	16.633	ug/l	99

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Instrument :
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ClientSampleId :
VN1207WBSD01

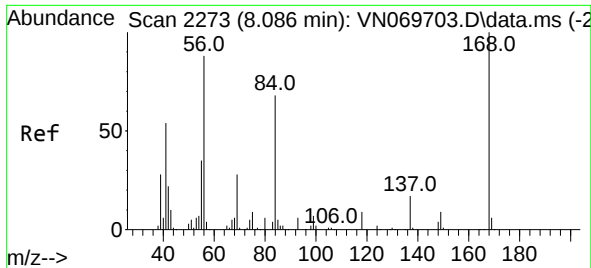
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

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



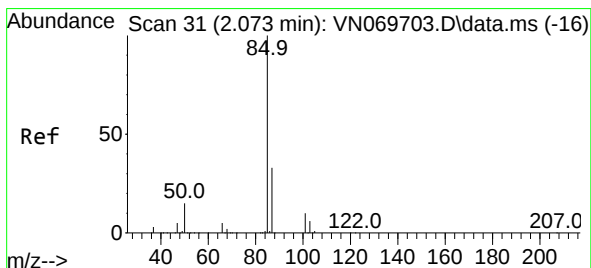
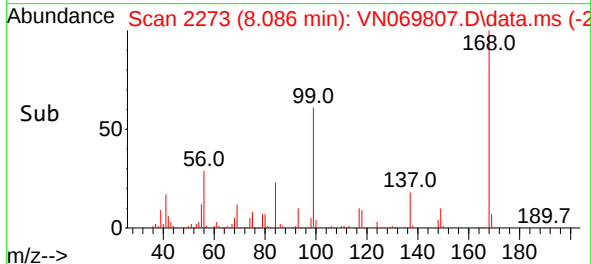
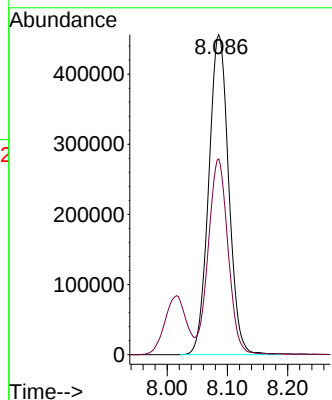
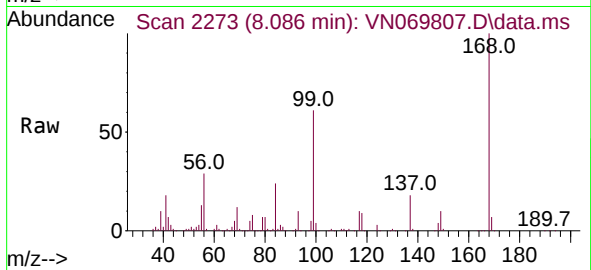
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion:168 Resp: 1049684
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9

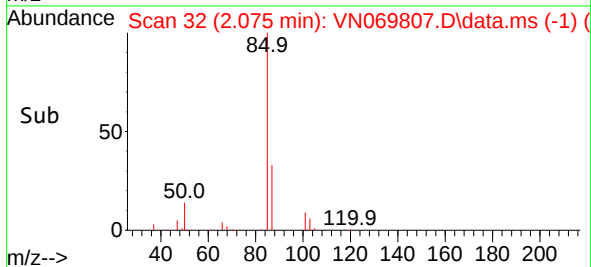
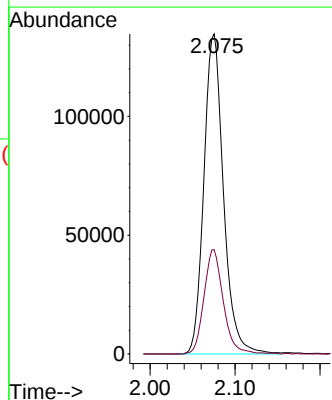
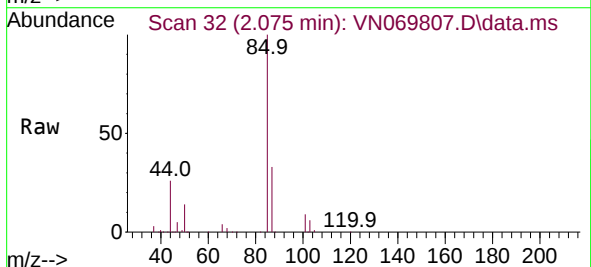
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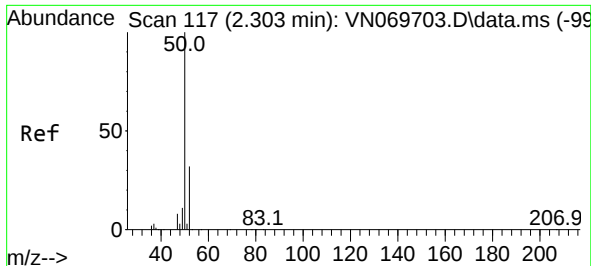
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#2
Dichlorodifluoromethane
Concen: 17.636 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

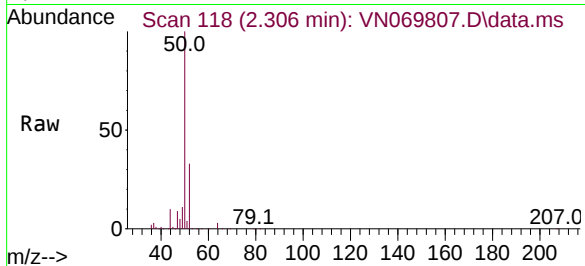
Tgt Ion: 85 Resp: 215911
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9





#3
Chloromethane
Concen: 16.298 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

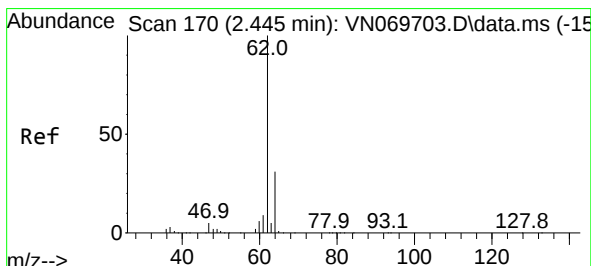
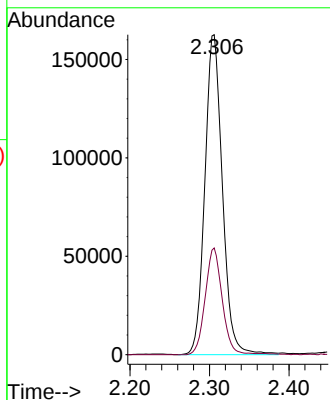
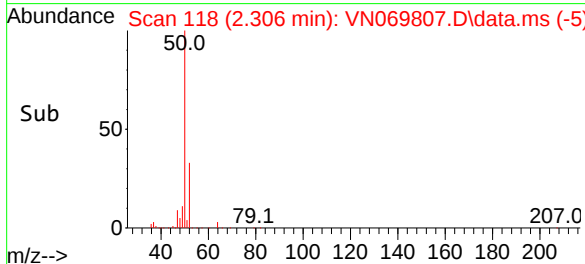
Instrument :
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VN1207WBSD01



Tgt Ion: 50 Resp: 249970
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.0

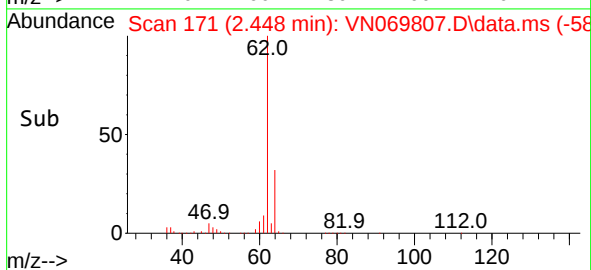
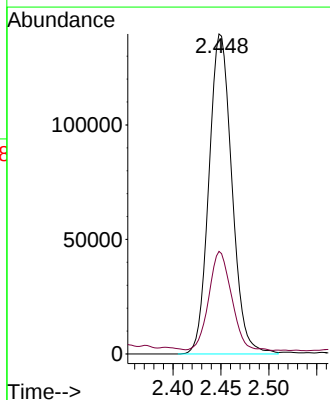
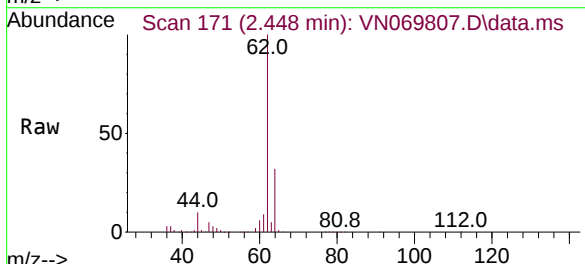
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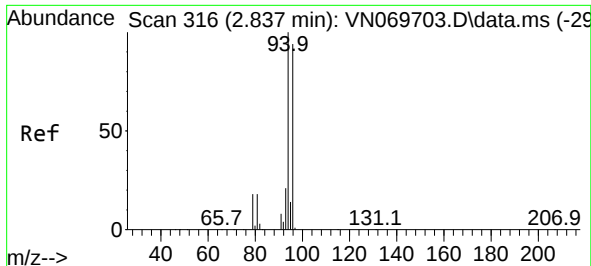
Reviewed By :John Carlone 12/08/2021
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#4
Vinyl Chloride
Concen: 16.499 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

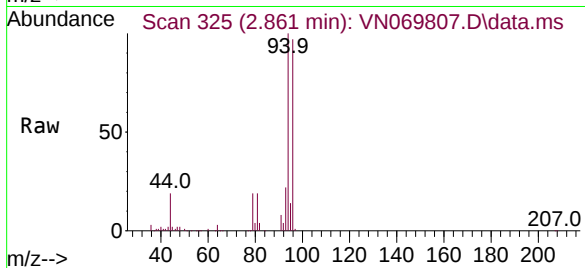
Tgt Ion: 62 Resp: 232688
Ion Ratio Lower Upper
62 100
64 30.8 25.8 38.6





#5
Bromomethane
Concen: 17.593 ug/l
RT: 2.861 min Scan# 316
Delta R.T. 0.024 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

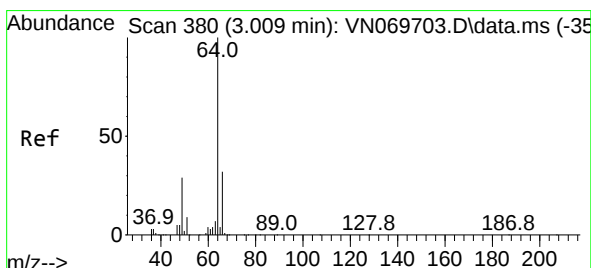
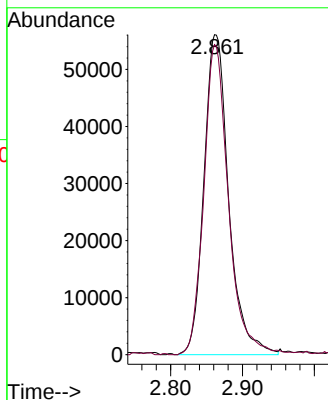
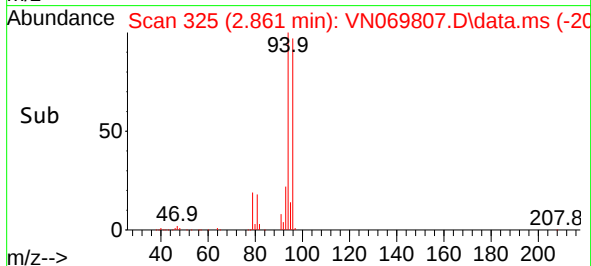
Instrument :
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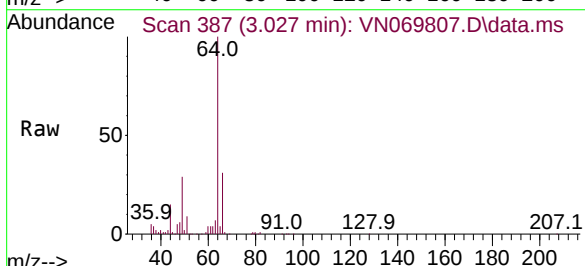
Tgt Ion: 94 Resp: 134800
Ion Ratio Lower Upper
94 100
96 96.9 73.8 110.8

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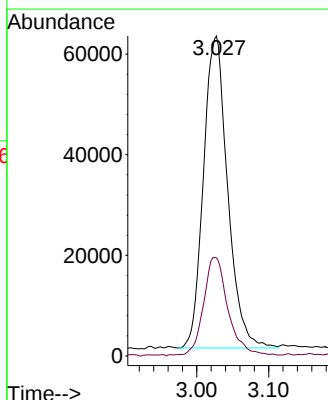
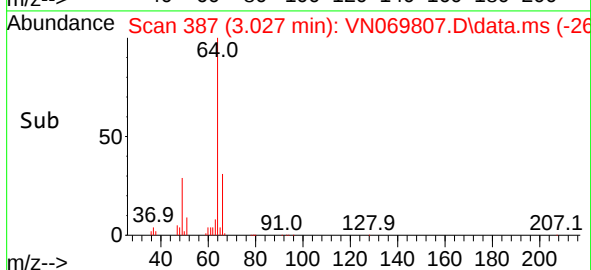
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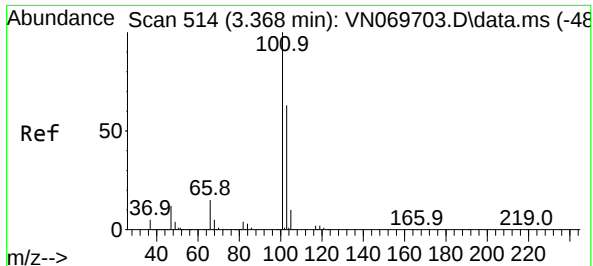


#6
Chloroethane
Concen: 16.769 ug/l
RT: 3.027 min Scan# 387
Delta R.T. 0.019 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00



Tgt Ion: 64 Resp: 144929
Ion Ratio Lower Upper
64 100
66 31.1 26.3 39.5





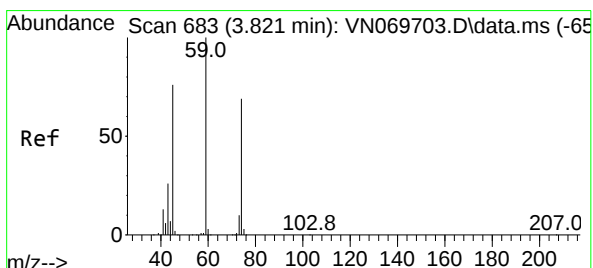
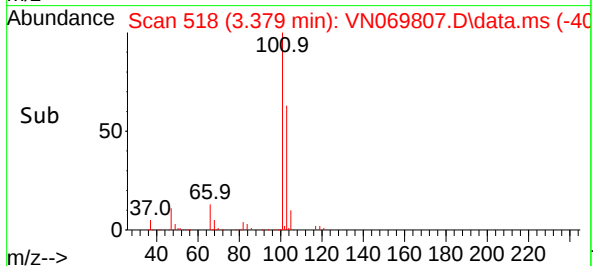
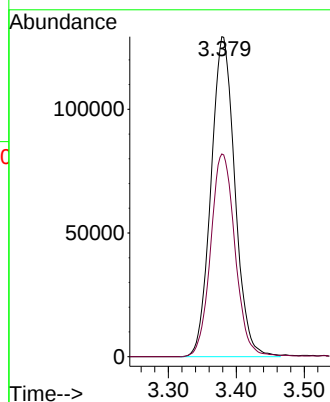
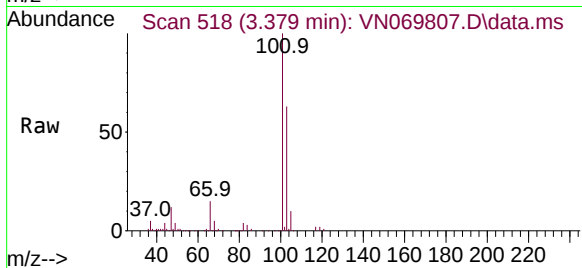
#7
Trichlorofluoromethane
Concen: 17.062 ug/l
RT: 3.379 min Scan# 514
Delta R.T. 0.011 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

Instrument :
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ClientSampleId :
VN1207WBSD01

Tgt Ion:101 Resp: 31582
Ion Ratio Lower Upper
101 100
103 63.4 50.1 75.1

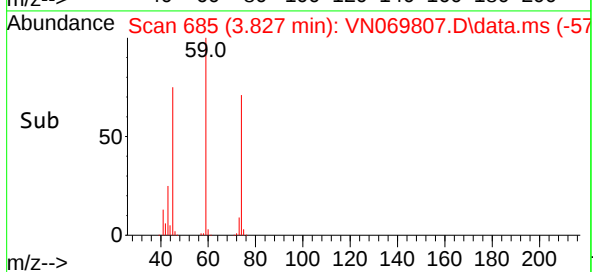
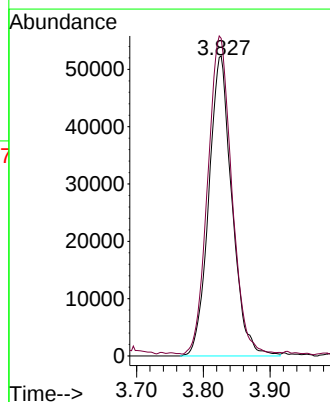
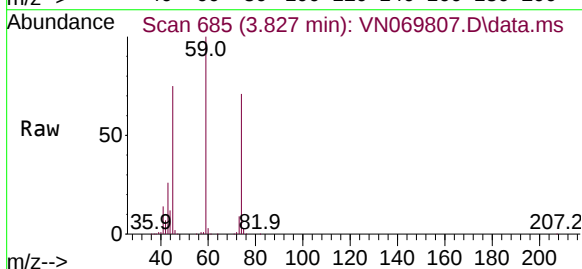
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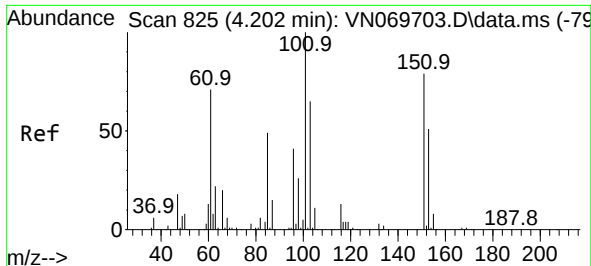
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#8
Diethyl Ether
Concen: 17.671 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.005 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

Tgt Ion: 74 Resp: 125976
Ion Ratio Lower Upper
74 100
45 109.6 47.0 141.2





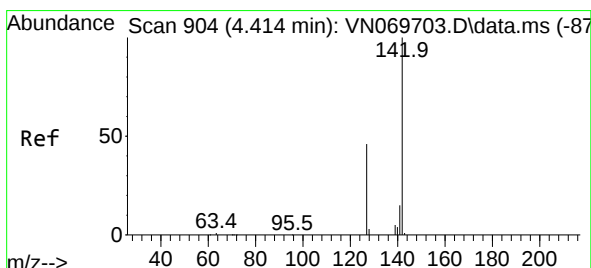
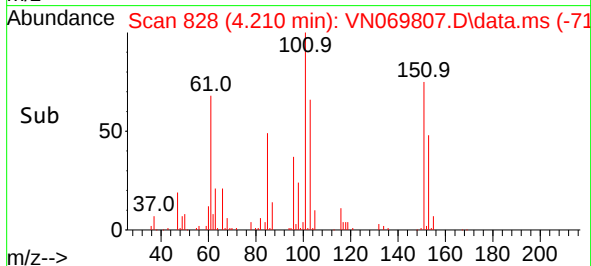
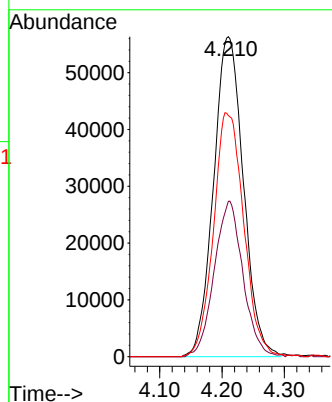
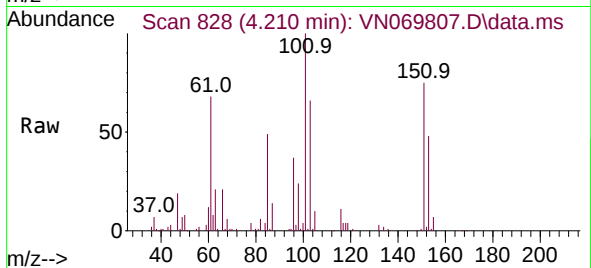
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.094 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion:101 Resp: 187740
Ion Ratio Lower Upper
101 100
85 46.6 37.2 55.8
151 77.1 65.9 98.9

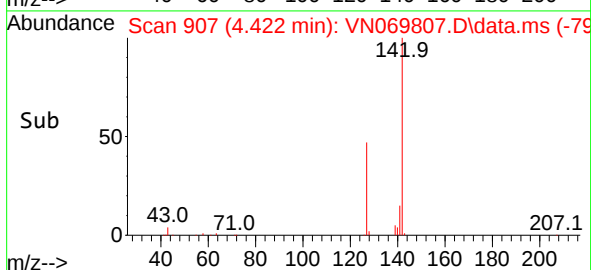
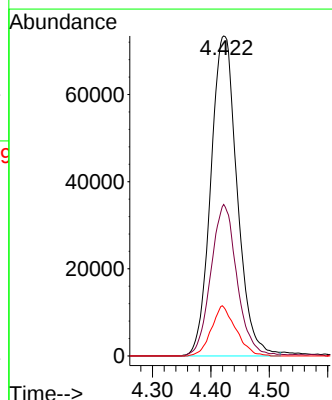
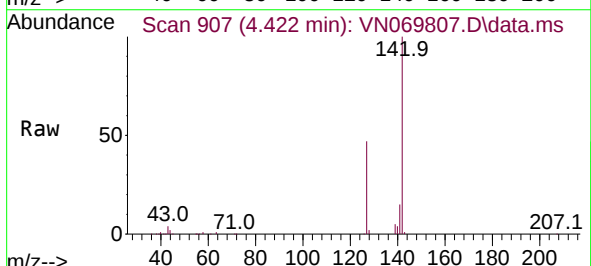
Manual Integrations
APPROVED

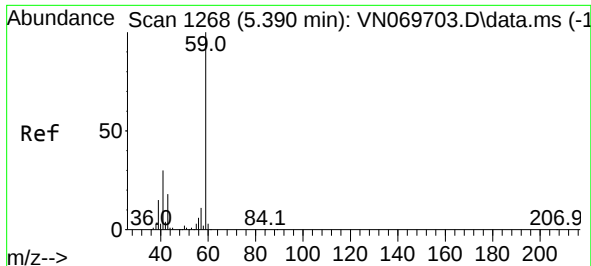
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#10
Methyl Iodide
Concen: 16.266 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

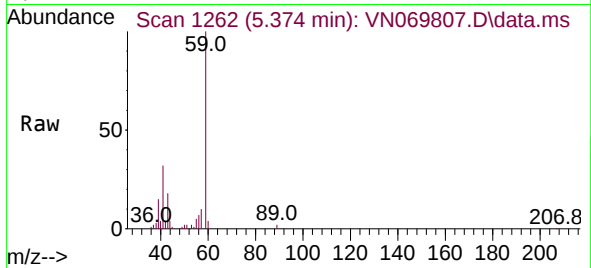
Tgt Ion:142 Resp: 230564
Ion Ratio Lower Upper
142 100
127 46.7 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 69.513 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

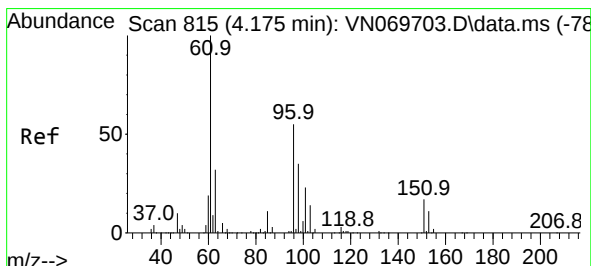
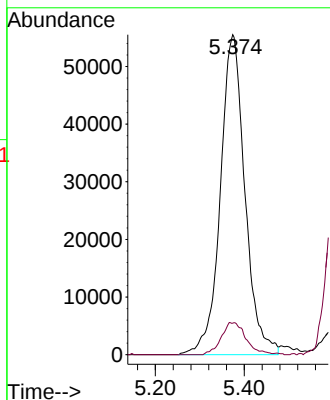
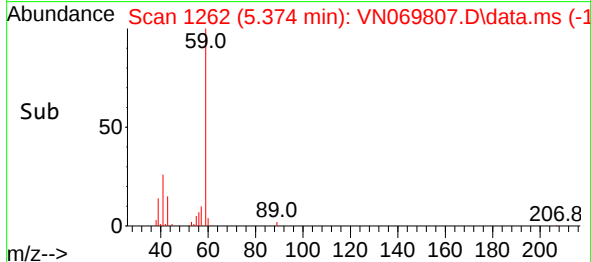
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



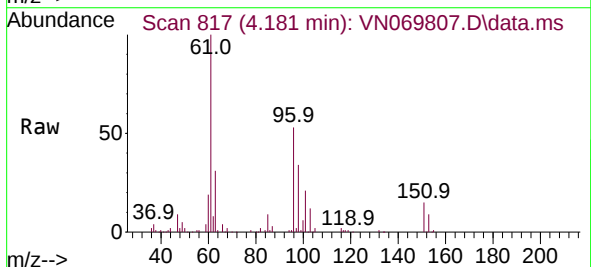
Tgt Ion: 59 Resp: 21295
Ion Ratio Lower Upper
59 100
57 4.4 8.7 13.1

Manual Integrations
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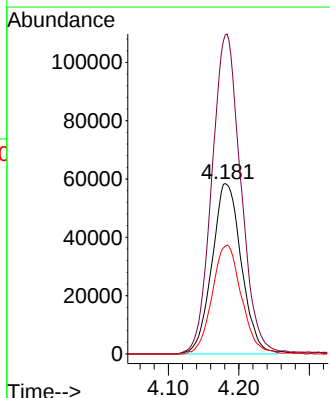
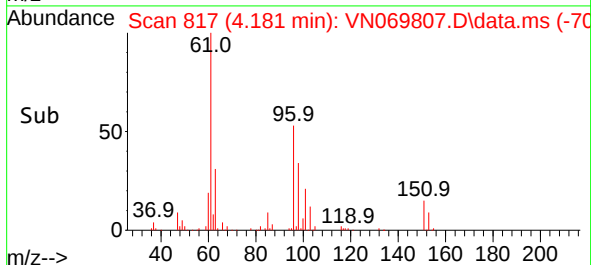
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#12
1,1-Dichloroethene
Concen: 16.908 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00



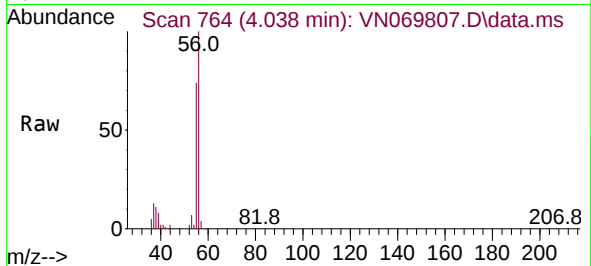
Tgt Ion: 96 Resp: 169056
Ion Ratio Lower Upper
96 100
61 187.3 131.0 196.6
98 63.2 52.4 78.6





#13
Acrolein
Concen: 104.330 ug/l
RT: 4.038 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

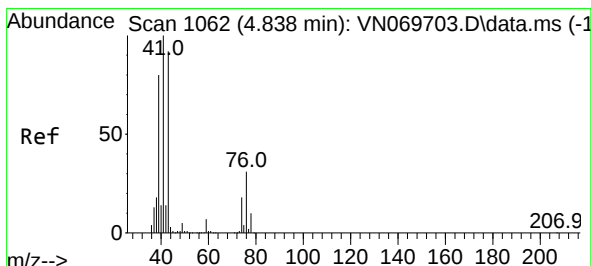
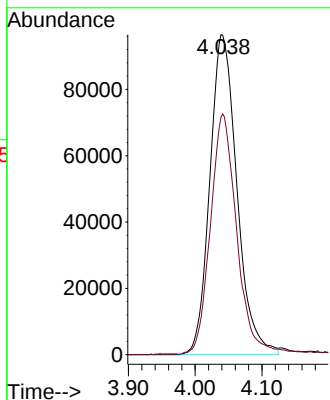
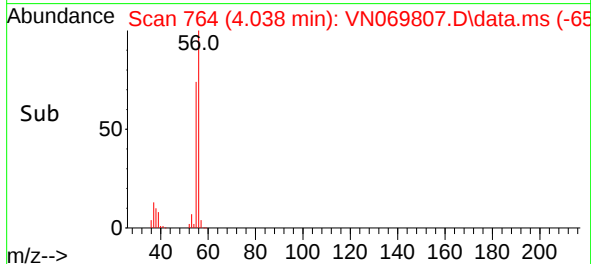
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



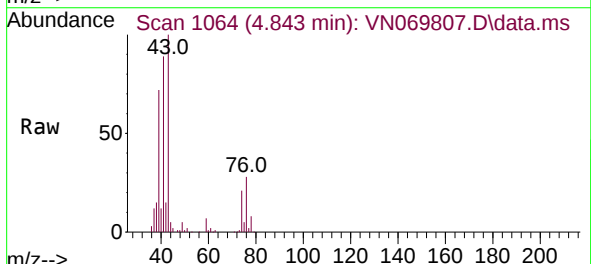
Tgt Ion: 56 Resp: 272189
Ion Ratio Lower Upper
56 100
55 72.6 56.6 85.0

Manual Integrations
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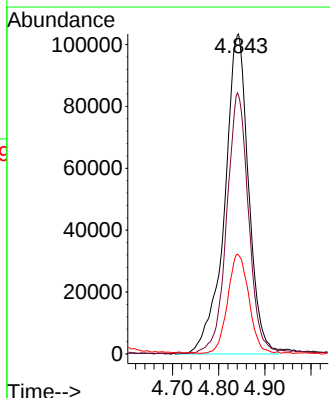
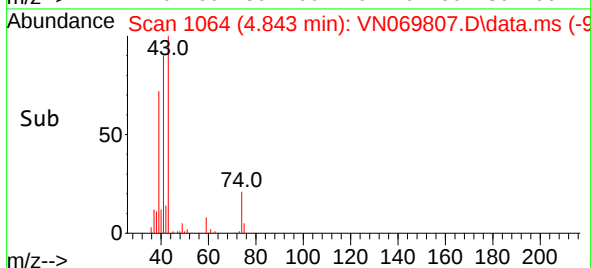
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

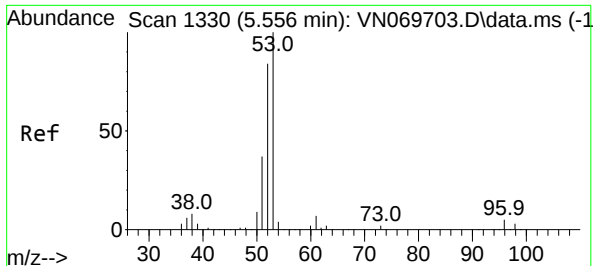


#14
Allyl chloride
Concen: 16.604 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00



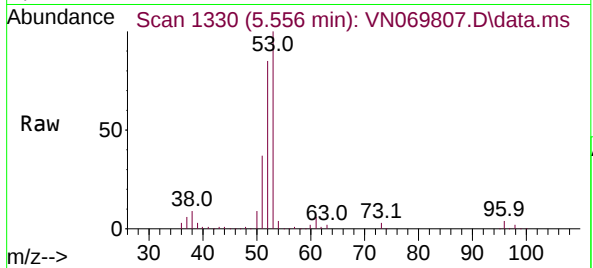
Tgt Ion: 41 Resp: 374089
Ion Ratio Lower Upper
41 100
39 73.6 61.2 91.8
76 27.2 26.0 39.0





#15
Acrylonitrile
Concen: 78.676 ug/l
RT: 5.556 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

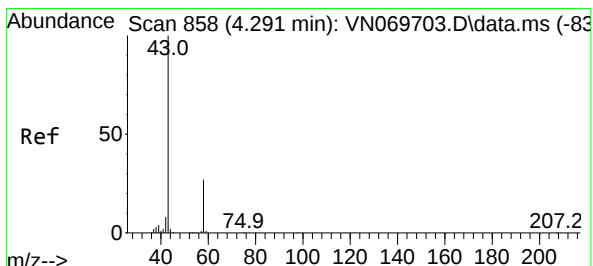
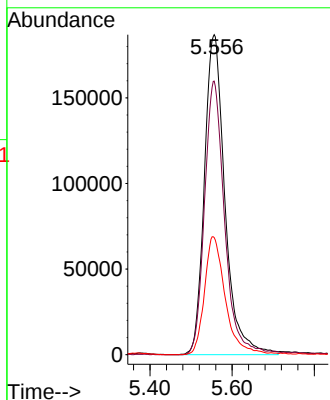
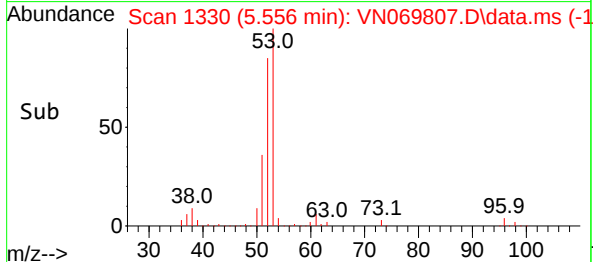
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



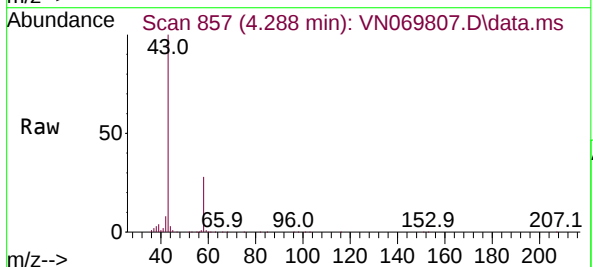
Tgt Ion: 53 Resp: 649478
Ion Ratio Lower Upper
53 100
52 82.6 66.2 99.2
51 37.3 29.6 44.4

Manual Integrations
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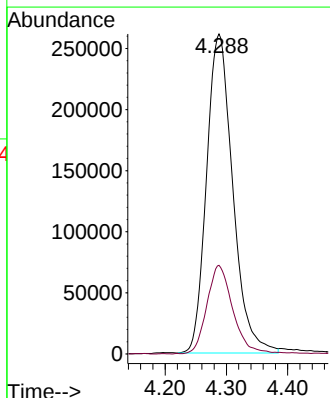
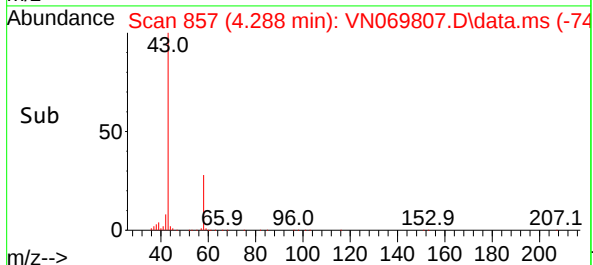
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

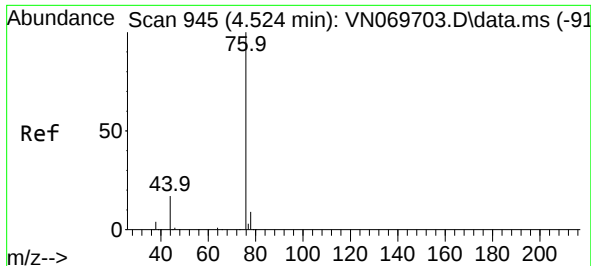


#16
Acetone
Concen: 79.568 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00



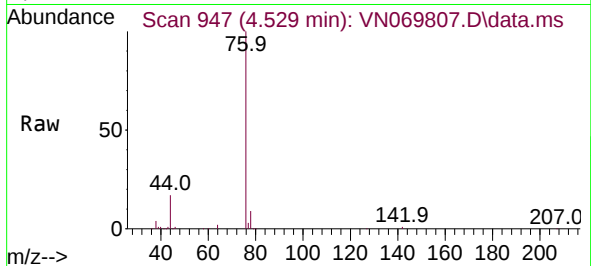
Tgt Ion: 43 Resp: 775738
Ion Ratio Lower Upper
43 100
58 27.6 23.1 34.7





#17
Carbon Disulfide
Concen: 16.079 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

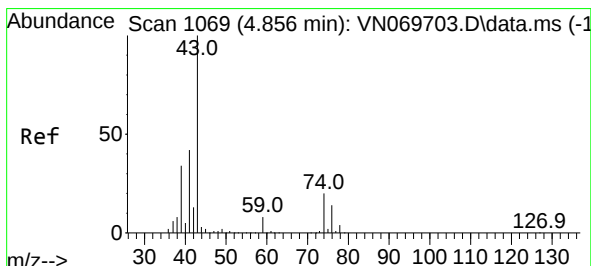
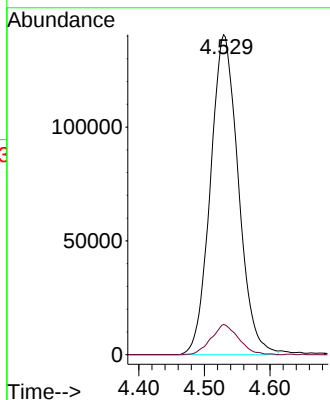
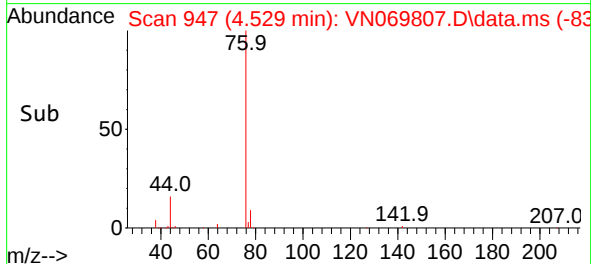
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion: 76 Resp: 415336
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

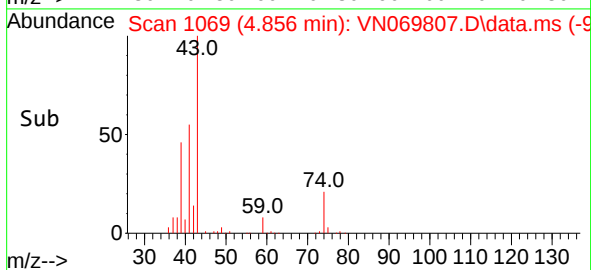
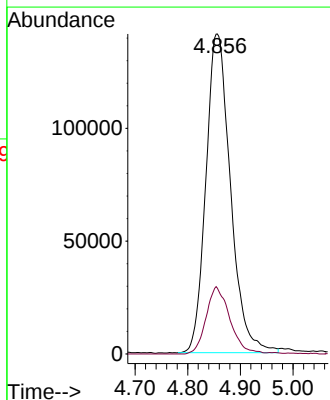
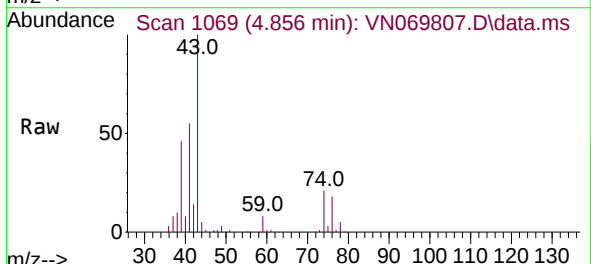
Manual Integrations
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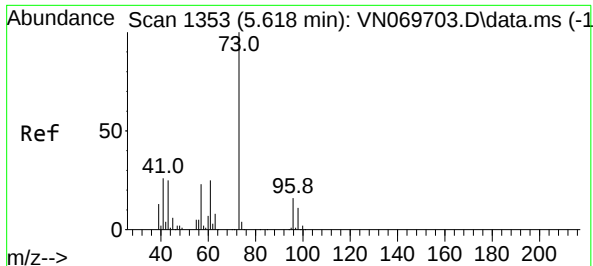
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#18
Methyl Acetate
Concen: 15.620 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

Tgt Ion: 43 Resp: 459659
Ion Ratio Lower Upper
43 100
74 20.3 19.4 29.2





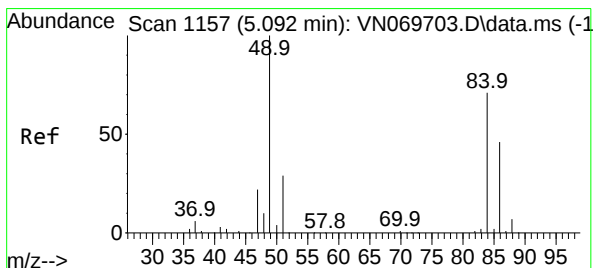
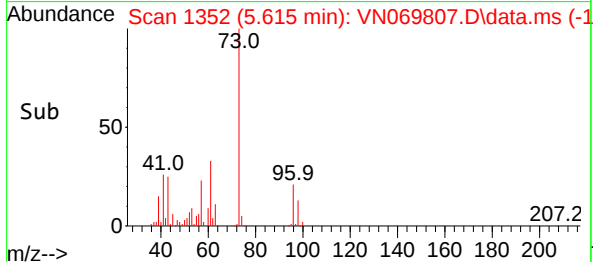
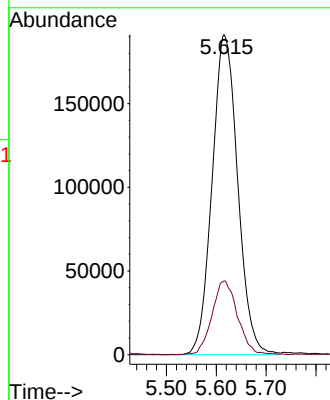
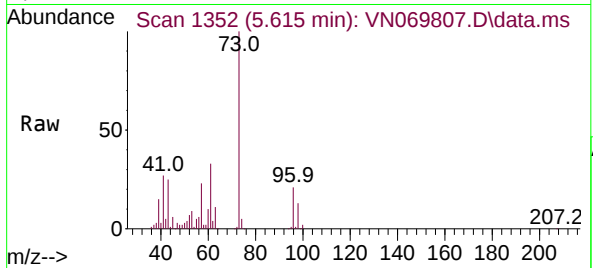
#19
Methyl tert-butyl Ether
Concen: 17.547 ug/l
RT: 5.615 min Scan# 1135
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion: 73 Resp: 682178
Ion Ratio Lower Upper
73 100
57 22.9 16.8 25.2

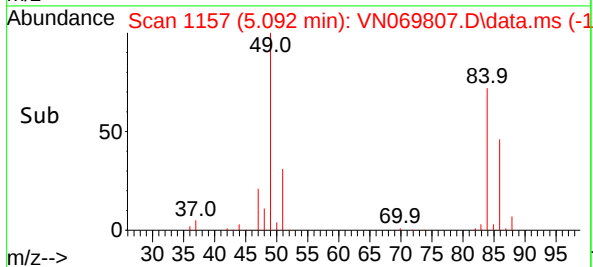
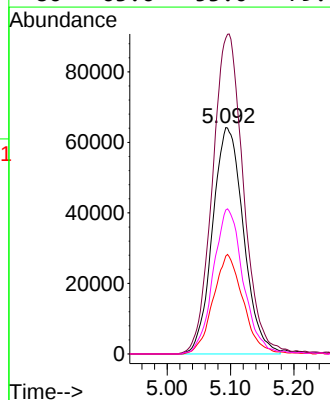
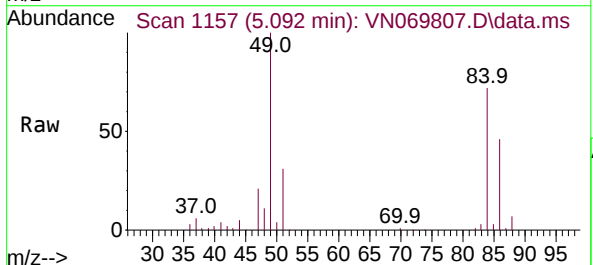
Manual Integrations
APPROVED

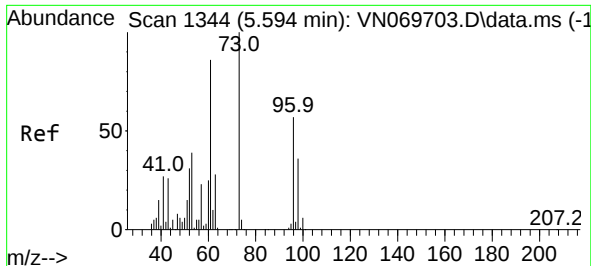
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#20
Methylene Chloride
Concen: 16.825 ug/l
RT: 5.092 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

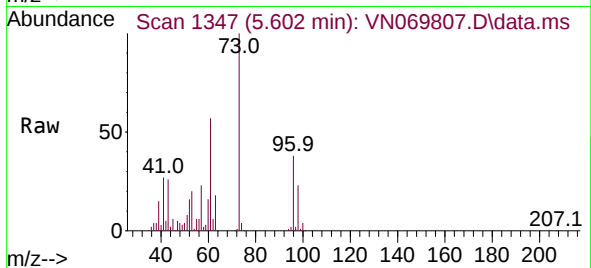
Tgt Ion: 84 Resp: 218064
Ion Ratio Lower Upper
84 100
49 139.1 93.5 140.3
51 43.2 29.4 44.2
86 63.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 16.908 ug/l
RT: 5.602 min Scan# 1344
Delta R.T. 0.008 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

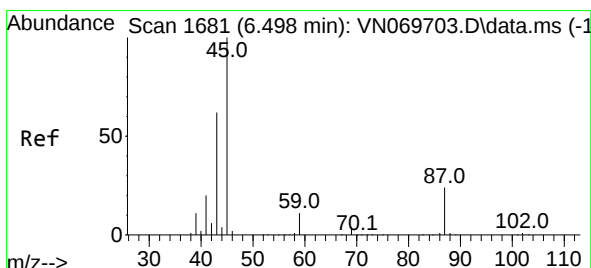
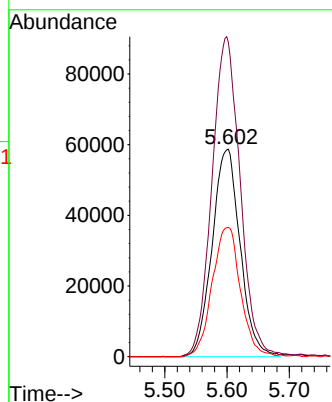
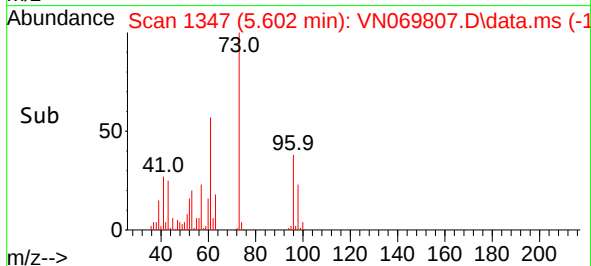
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion: 96 Resp: 183623
Ion Ratio Lower Upper
96 100
61 151.4 105.8 158.6
98 62.3 52.0 78.0

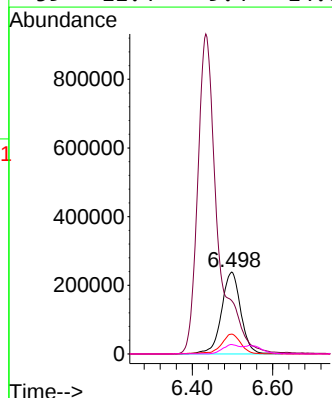
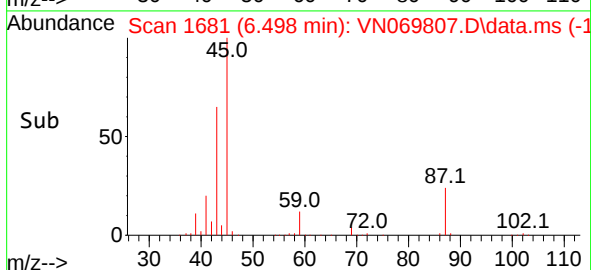
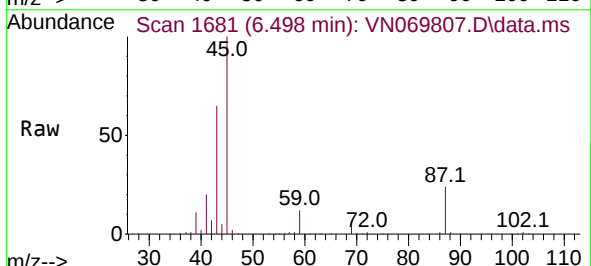
Manual Integrations
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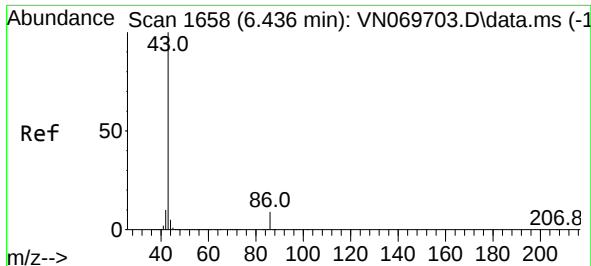
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#22
Diisopropyl ether
Concen: 18.020 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

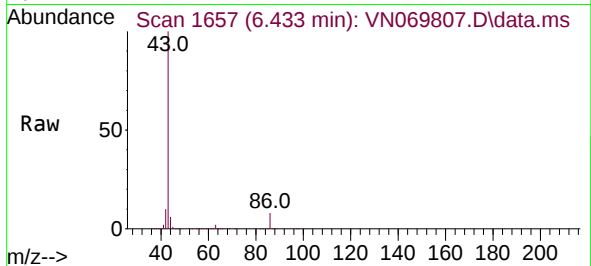
Tgt Ion: 45 Resp: 793567
Ion Ratio Lower Upper
45 100
43 64.1 51.7 77.5
87 24.0 23.2 34.8
59 11.4 9.4 14.0





#23
 Vinyl Acetate
 Concen: 89.296 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069807.D
 Acq: 7 Dec 2021 12:00

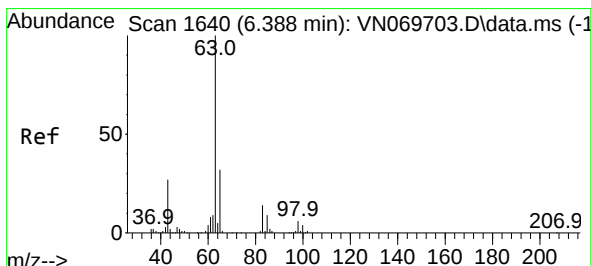
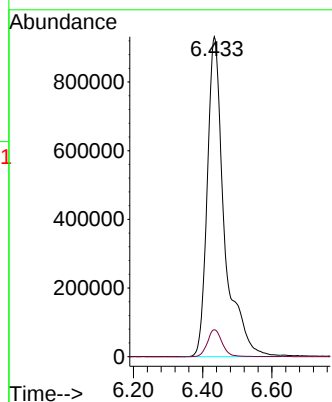
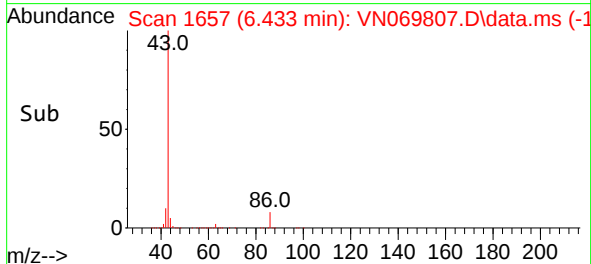
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBSD01



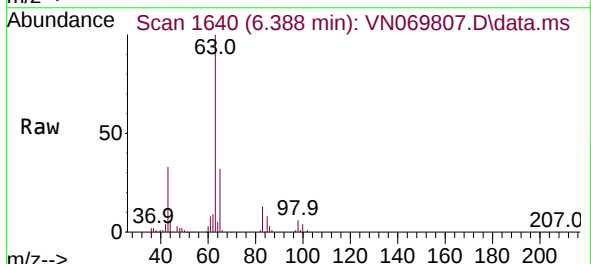
Tgt Ion: 43 Resp: 3199198
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

Manual Integrations
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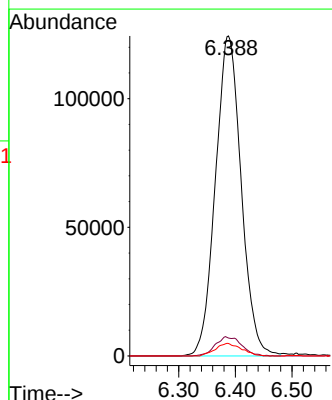
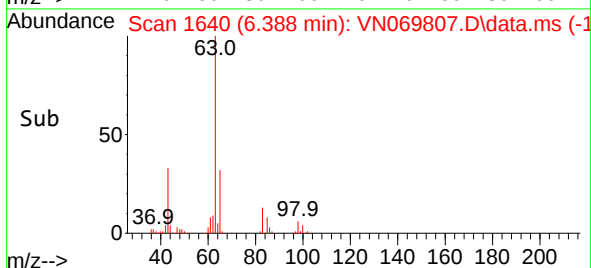
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021



#24
 1,1-Dichloroethane
 Concen: 17.256 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069807.D
 Acq: 7 Dec 2021 12:00



Tgt Ion: 63 Resp: 393648
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 75.979 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN069807.D

Acq: 7 Dec 2021 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBSD01

Tgt Ion: 43 Resp: 100645

Ion Ratio Lower Upper

43 100

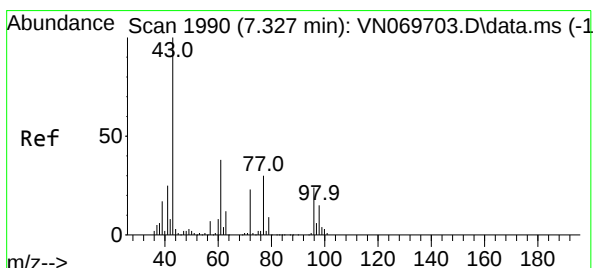
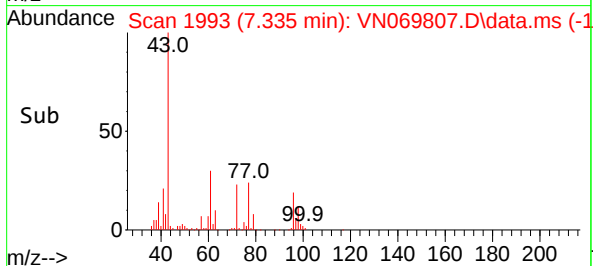
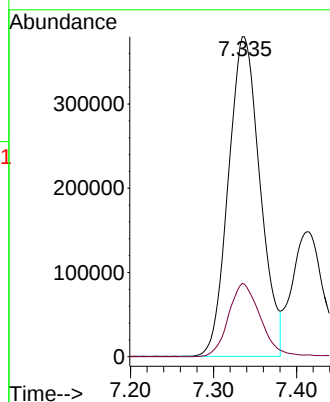
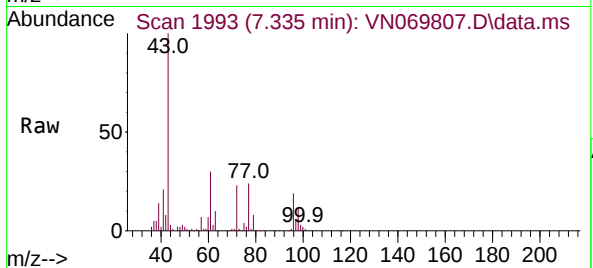
72 22.9 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#26

2,2-Dichloropropane

Concen: 17.187 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069807.D

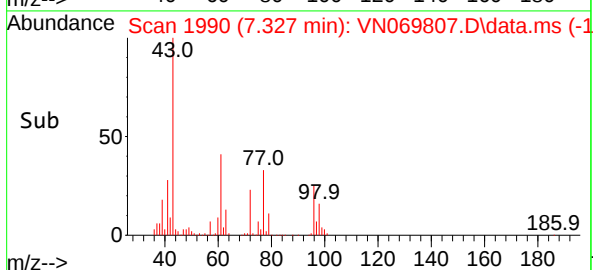
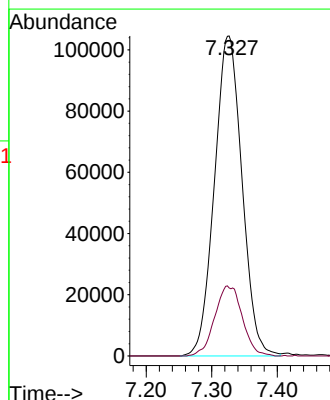
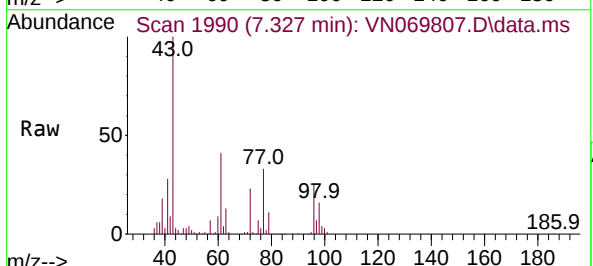
Acq: 7 Dec 2021 12:00

Tgt Ion: 77 Resp: 304833

Ion Ratio Lower Upper

77 100

97 21.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 16.982 ug/l

RT: 7.324 min Scan# 1990

Delta R.T. -0.003 min

Lab File: VN069807.D

Acq: 7 Dec 2021 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBSD01

Tgt Ion: 96 Resp: 222810

Ion Ratio Lower Upper

96 100

61 163.8 0.0 275.0

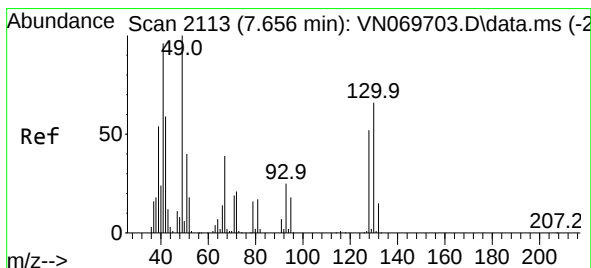
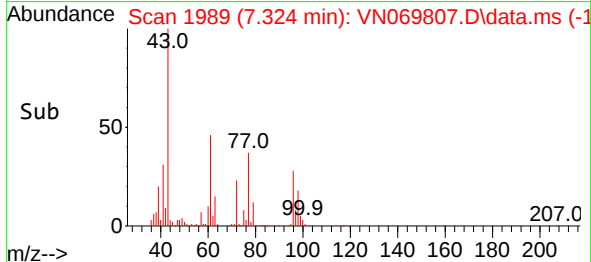
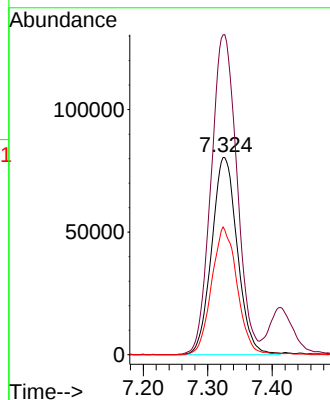
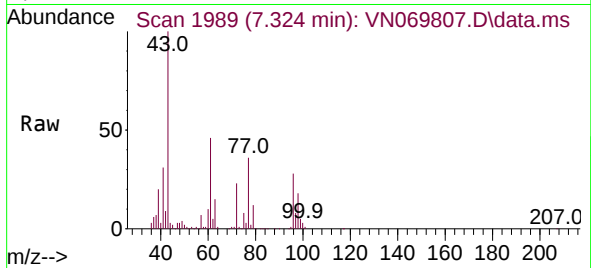
98 64.0 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#28

Bromochloromethane

Concen: 19.973 ug/l

RT: 7.656 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VN069807.D

Acq: 7 Dec 2021 12:00

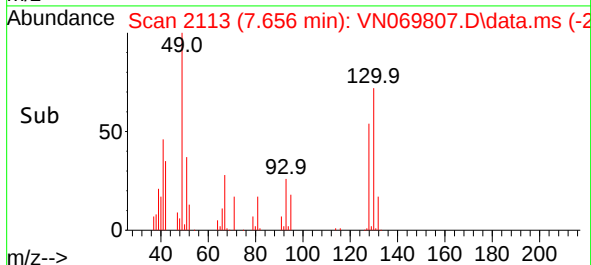
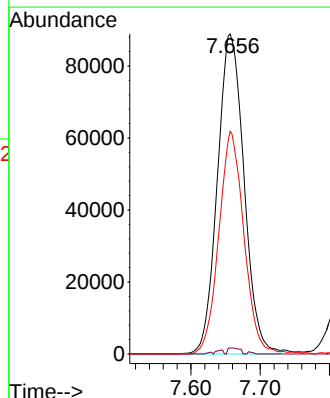
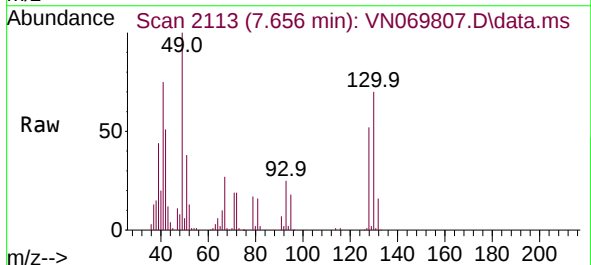
Tgt Ion: 49 Resp: 236929

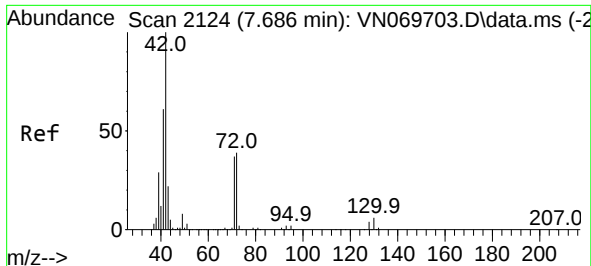
Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.0

130 65.6 67.8 101.8#





#29

Tetrahydrofuran

Concen: 78.487 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069807.D

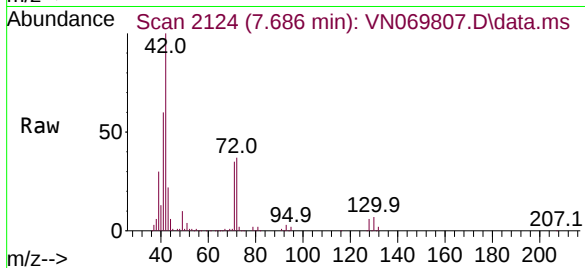
Acq: 7 Dec 2021 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBSD01

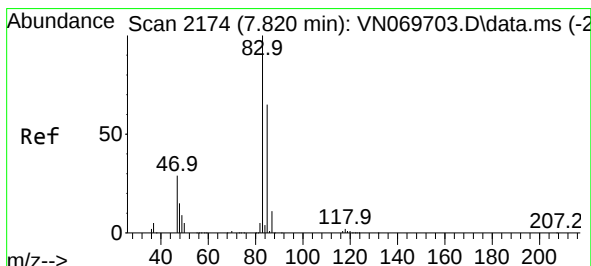
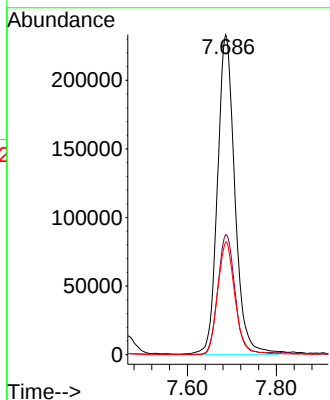
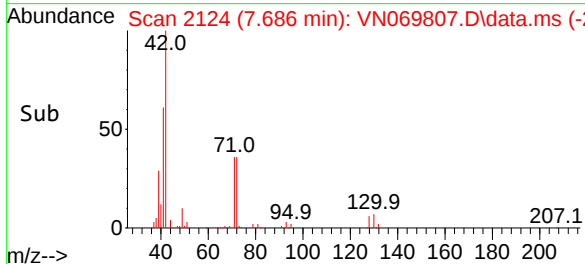


Tgt Ion:	42	Resp:	631310
Ion Ratio	100	Lower	Upper
42	100		
72	37.2	36.3	54.5
71	34.9	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#30

Chloroform

Concen: 17.569 ug/l

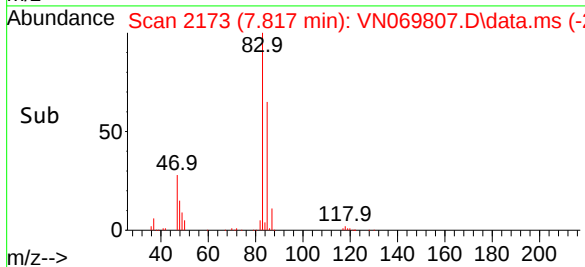
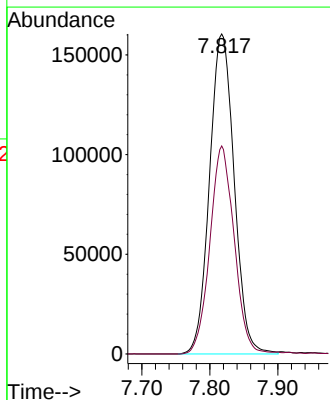
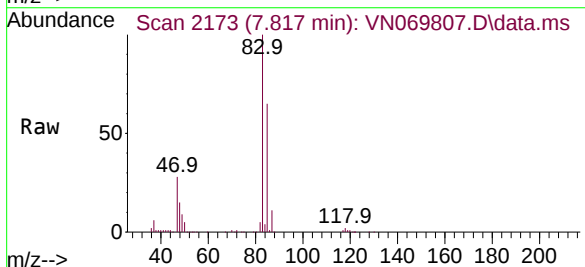
RT: 7.817 min Scan# 2173

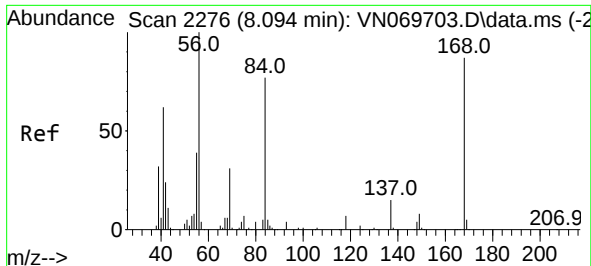
Delta R.T. -0.003 min

Lab File: VN069807.D

Acq: 7 Dec 2021 12:00

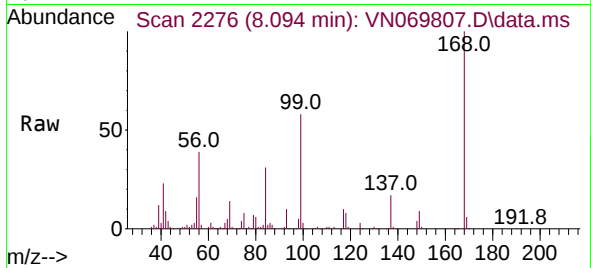
Tgt Ion:	83	Resp:	404769
Ion Ratio	100	Lower	Upper
83	100		
85	65.0	51.9	77.9





#31
Cyclohexane
Concen: 17.299 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

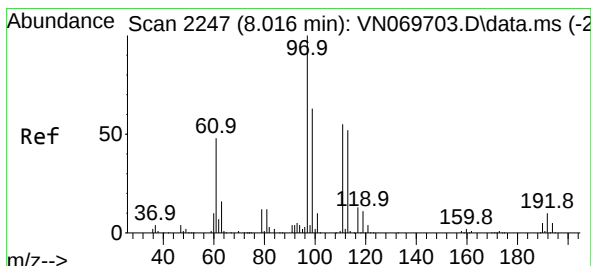
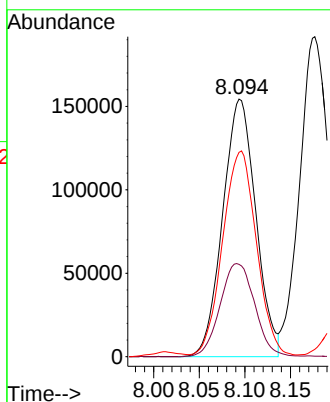
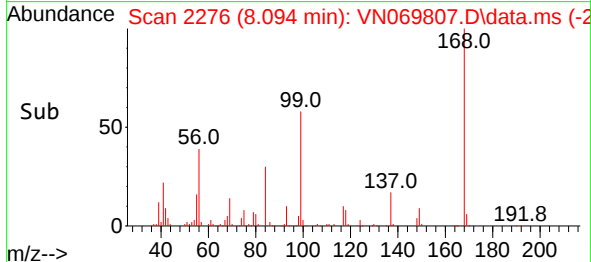
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion: 56 Resp: 390178
Ion Ratio Lower Upper
56 100
69 35.8 27.1 40.7
84 78.1 73.4 110.0

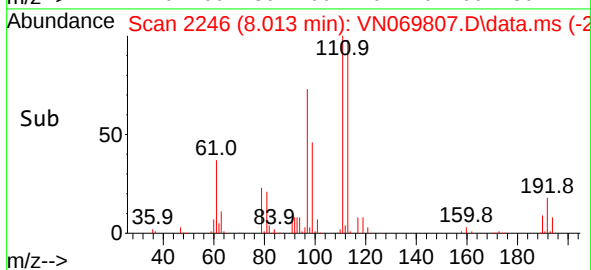
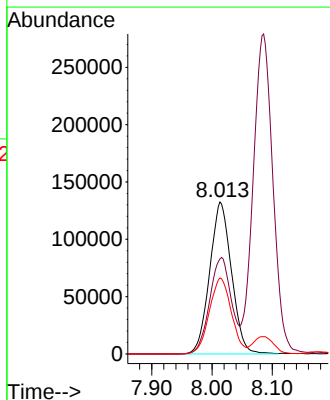
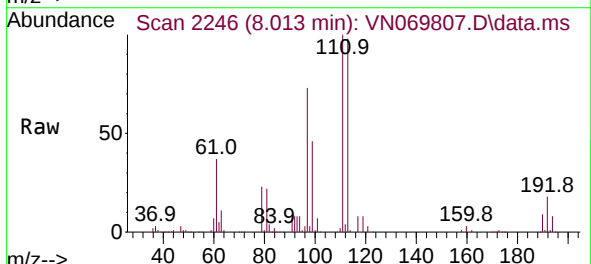
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#32
1,1,1-Trichloroethane
Concen: 17.006 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

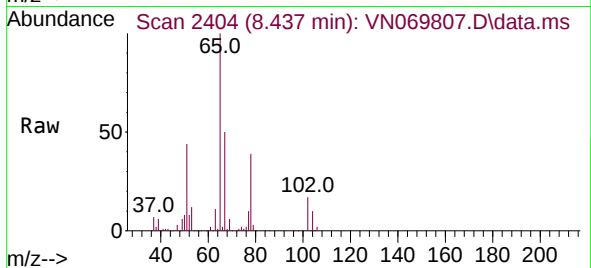
Tgt Ion: 97 Resp: 333739
Ion Ratio Lower Upper
97 100
99 62.6 50.1 75.1
61 50.3 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 45.120 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

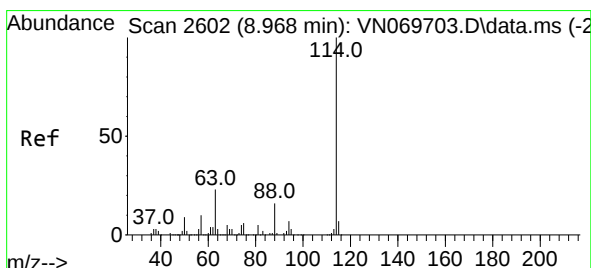
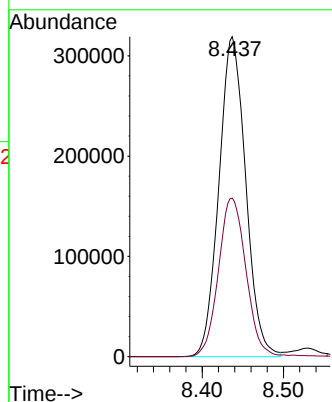
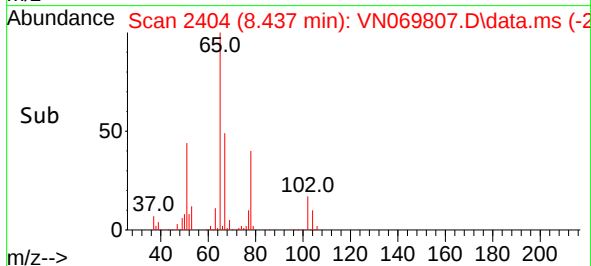
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



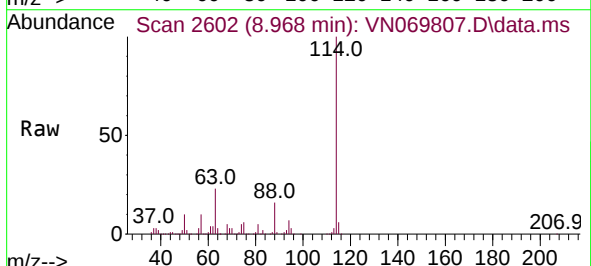
Tgt Ion: 65 Resp: 73127
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0

Manual Integrations
APPROVED

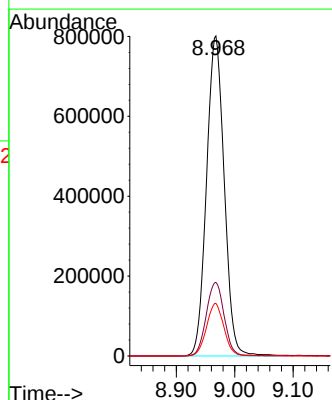
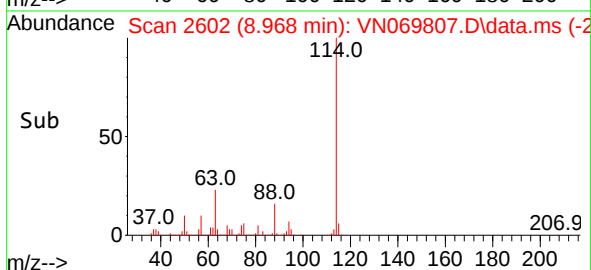
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

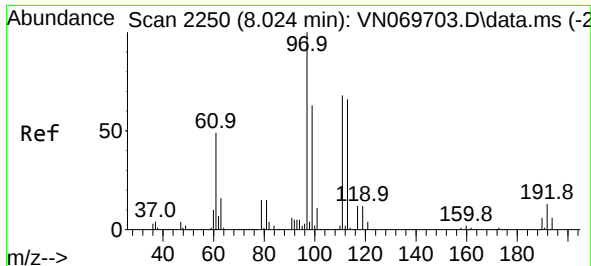


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00



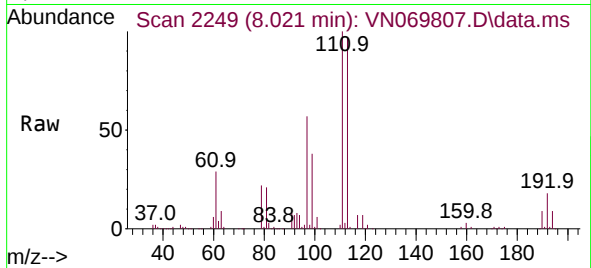
Tgt Ion:114 Resp: 1685280
Ion Ratio Lower Upper
114 100
63 23.0 0.0 37.8
88 16.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 47.256 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

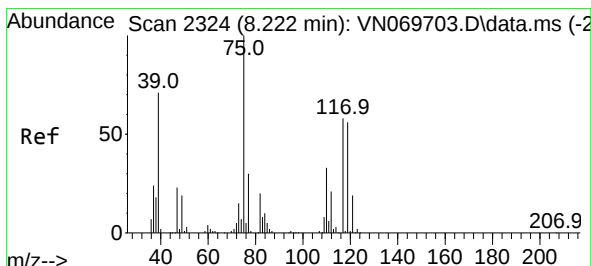
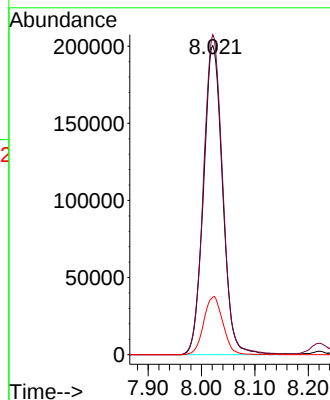
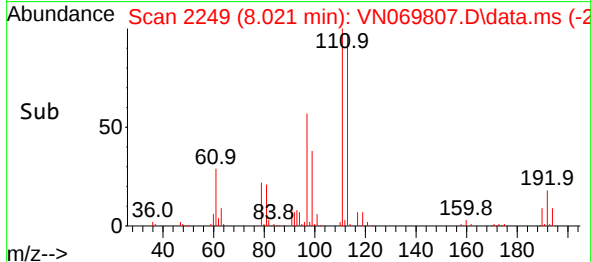
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion: 113 Resp: 49884
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 18.8 16.9 25.3

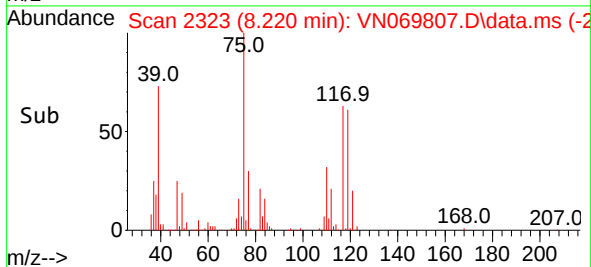
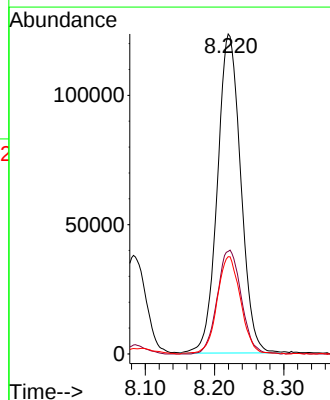
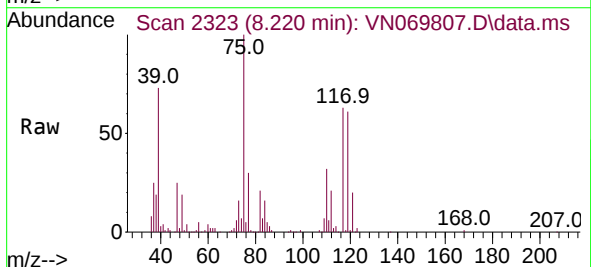
Manual Integrations
APPROVED

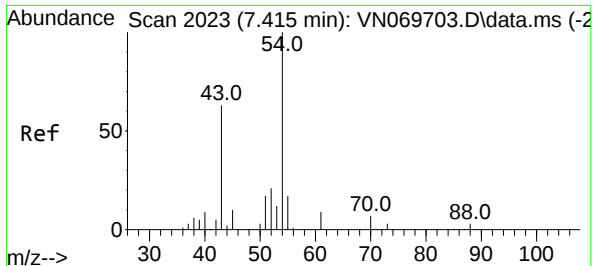
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#36
1,1-Dichloropropene
Concen: 17.999 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

Tgt Ion: 75 Resp: 288761
Ion Ratio Lower Upper
75 100
110 33.6 18.4 55.2
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 16.302 ug/l

RT: 7.412 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN069807.D

Acq: 7 Dec 2021 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBSD01

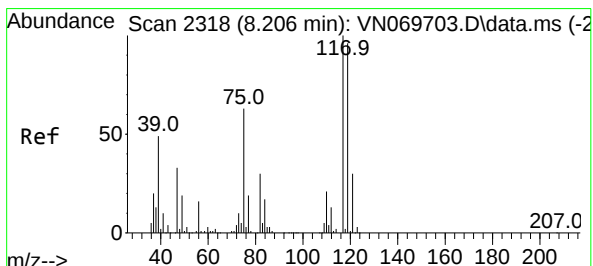
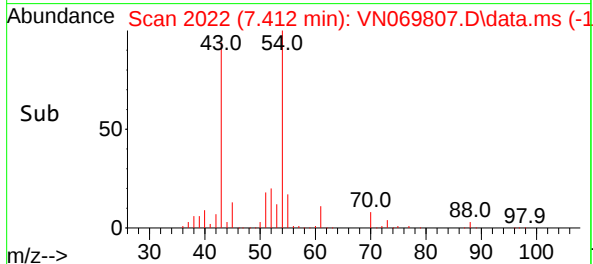
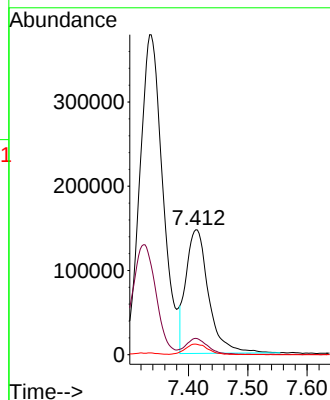
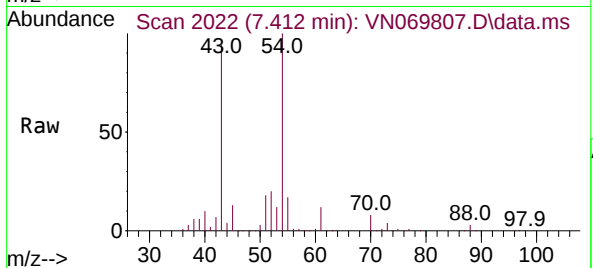
Tgt Ion: 43 Resp: 389270

Ion	Ratio	Lower	Upper
43	100		
61	12.4	11.5	17.3
70	8.4	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#38

Carbon Tetrachloride

Concen: 17.459 ug/l

RT: 8.206 min Scan# 2318

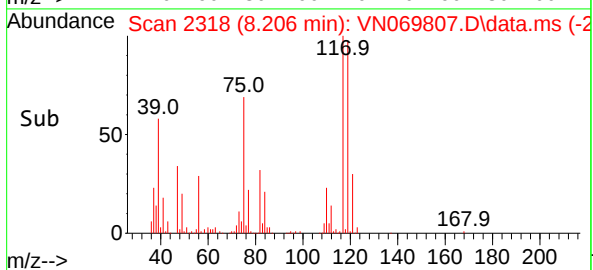
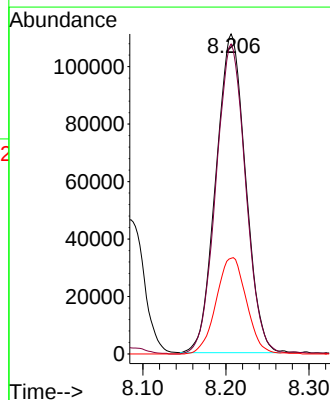
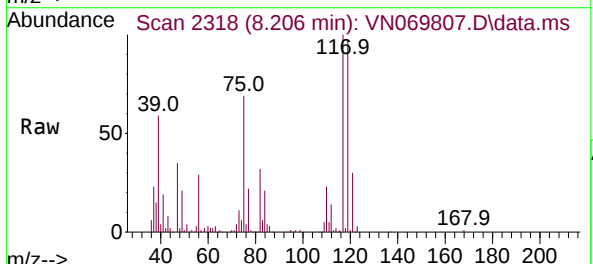
Delta R.T. 0.000 min

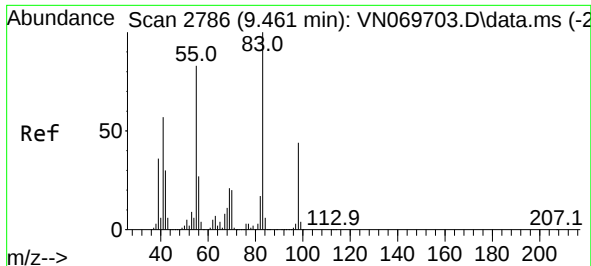
Lab File: VN069807.D

Acq: 7 Dec 2021 12:00

Tgt Ion:117 Resp: 274673

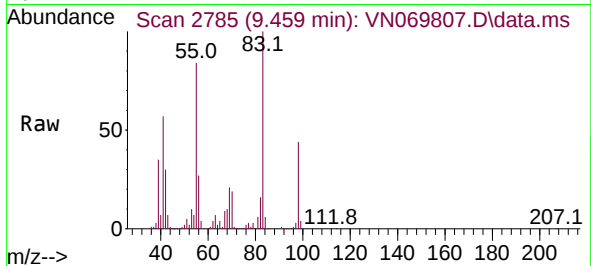
Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.1	114.1
121	30.0	24.2	36.2





#39
Methylcyclohexane
Concen: 18.167 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

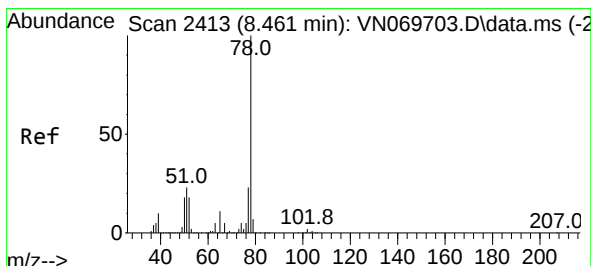
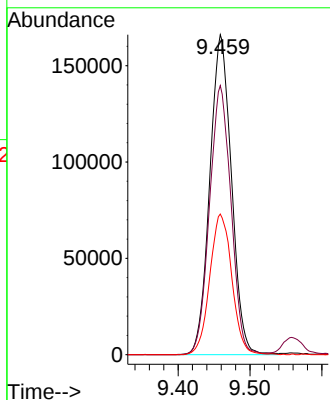
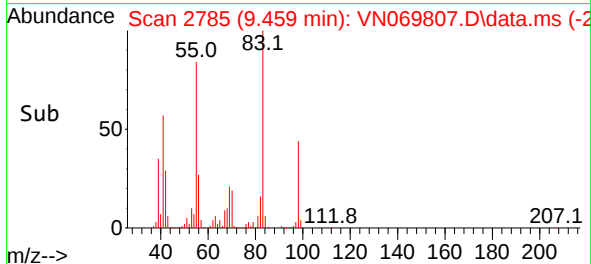
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion: 83 Resp: 346670
Ion Ratio Lower Upper
83 100
55 84.0 58.1 87.1
98 44.0 38.4 57.6

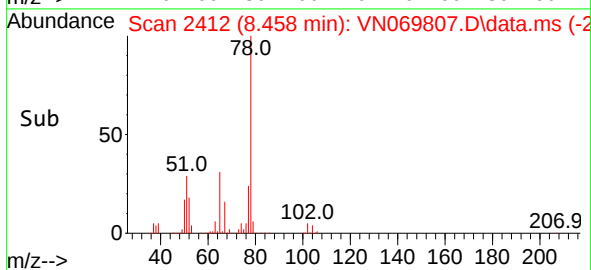
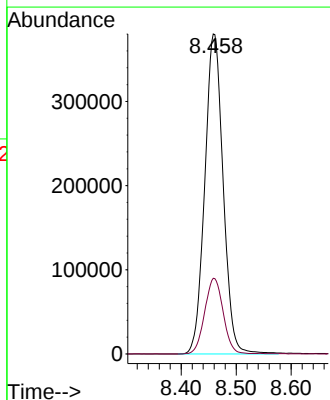
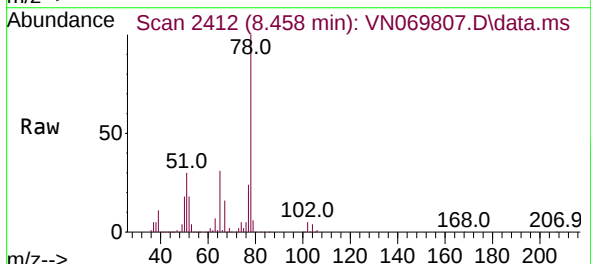
Manual Integrations
APPROVED

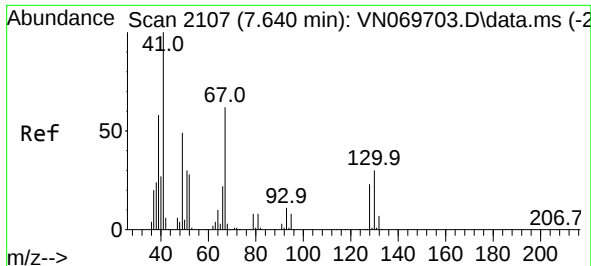
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#40
Benzene
Concen: 18.013 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

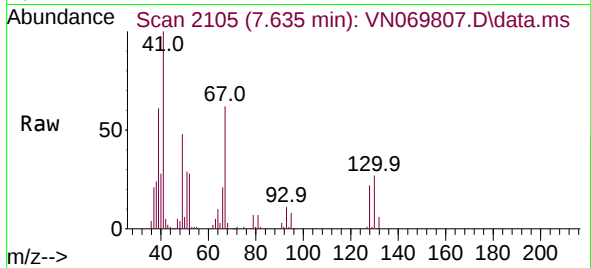
Tgt Ion: 78 Resp: 883320
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 17.751 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

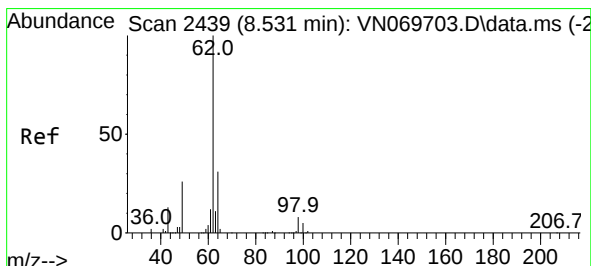
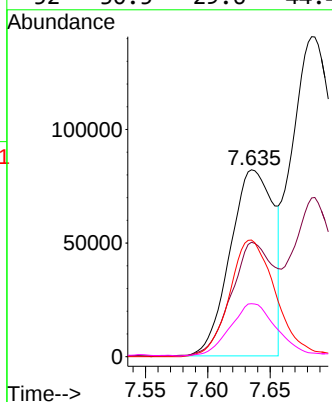
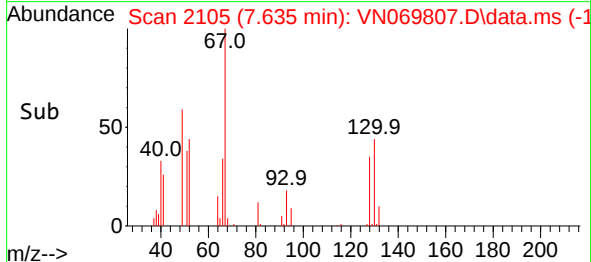
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion: 41 Resp: 198975
Ion Ratio Lower Upper
41 100
39 61.9 48.1 72.1
67 67.4 68.3 102.5
52 30.5 29.6 44.4

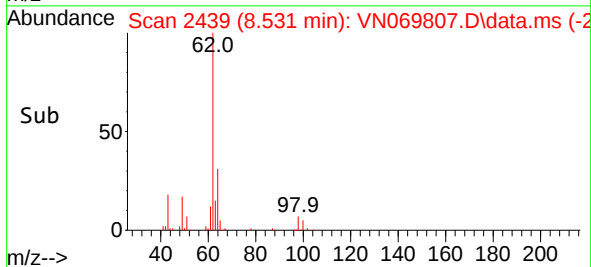
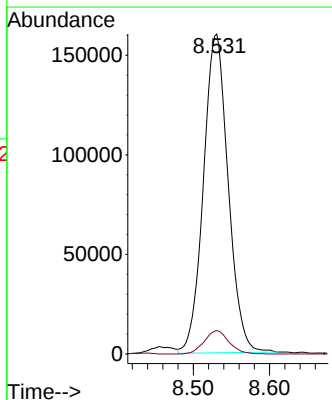
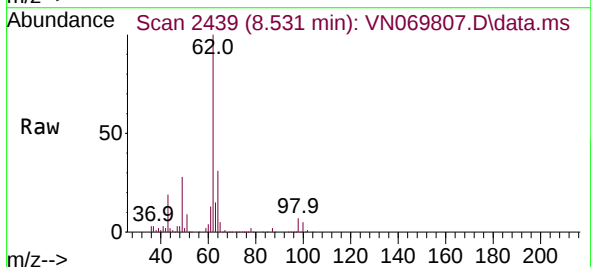
Manual Integrations
APPROVED

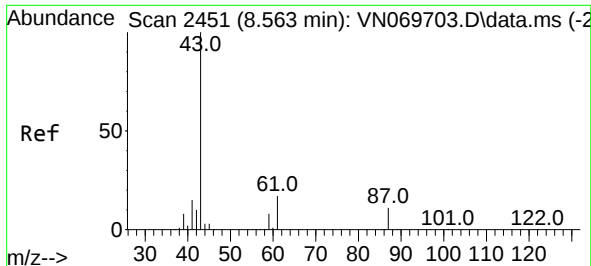
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#42
1,2-Dichloroethane
Concen: 18.227 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

Tgt Ion: 62 Resp: 360818
Ion Ratio Lower Upper
62 100
98 7.3 0.0 17.6





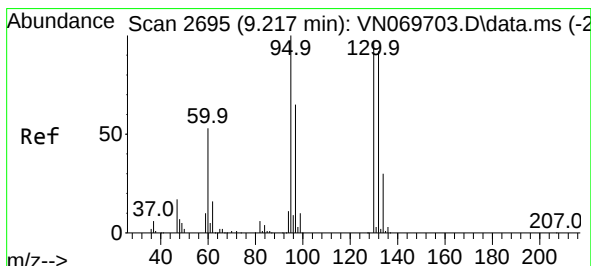
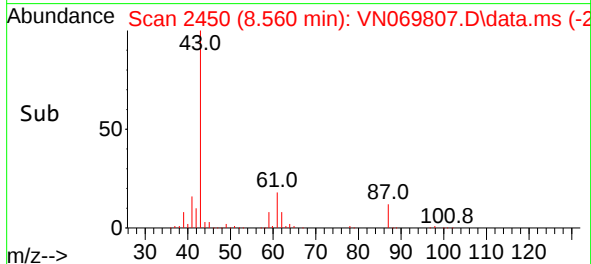
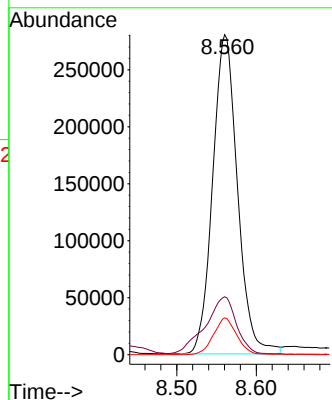
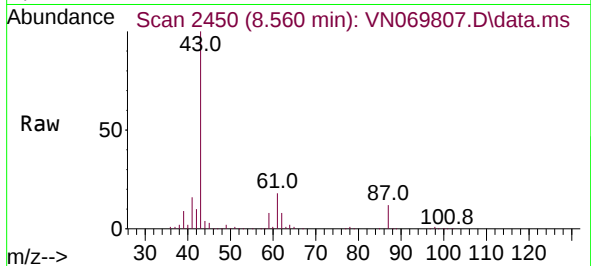
#43
Isopropyl Acetate
Concen: 17.202 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion: 43 Resp: 60784
Ion Ratio Lower Upper
43 100
61 22.5 20.4 30.6
87 10.8 11.2 16.8

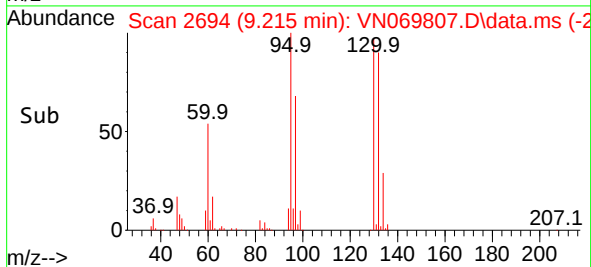
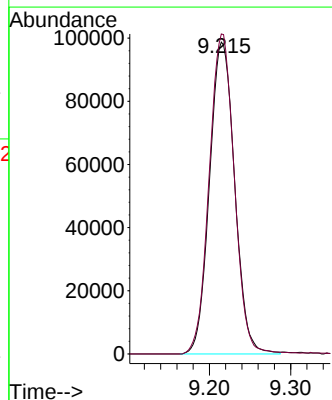
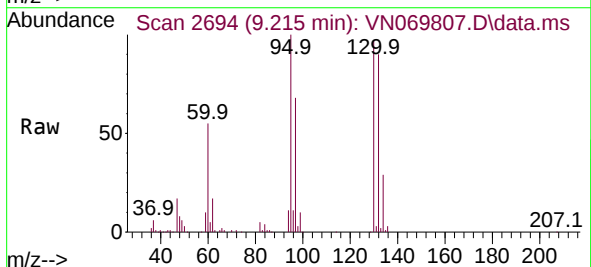
Manual Integrations
APPROVED

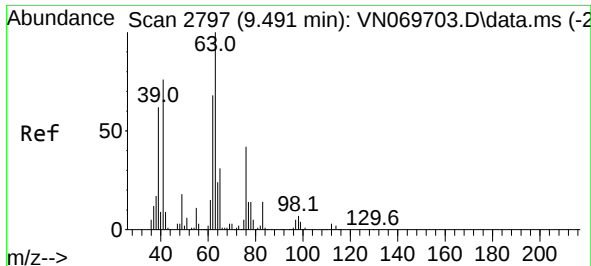
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#44
Trichloroethene
Concen: 18.094 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

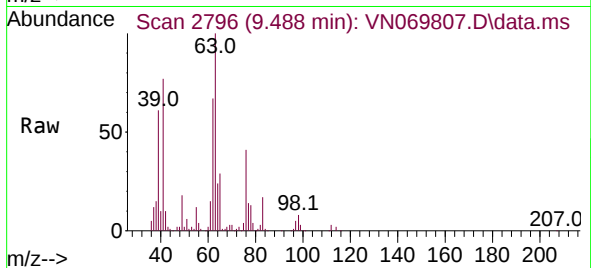
Tgt Ion:130 Resp: 211784
Ion Ratio Lower Upper
130 100
95 102.6 0.0 191.2





#45
1,2-Dichloropropane
Concen: 18.228 ug/l
RT: 9.488 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

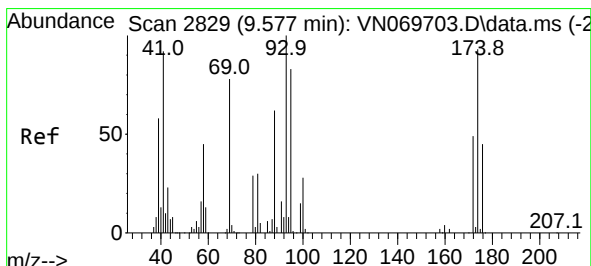
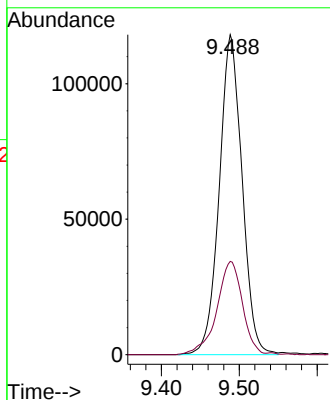
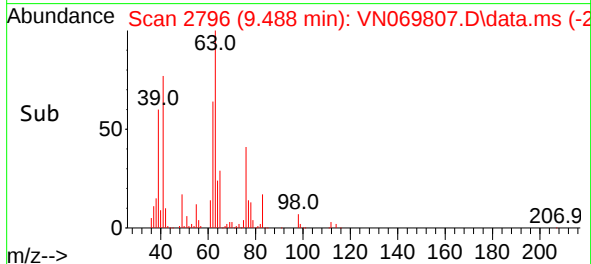
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



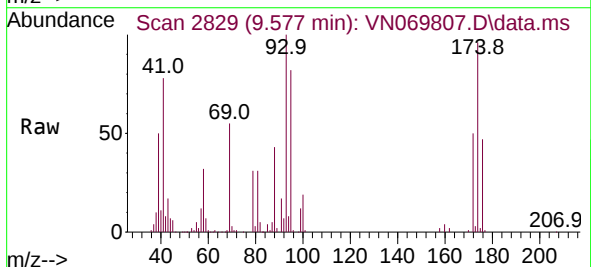
Tgt Ion: 63 Resp: 24004
Ion Ratio Lower Upper
63 100
65 29.0 24.7 37.1

Manual Integrations
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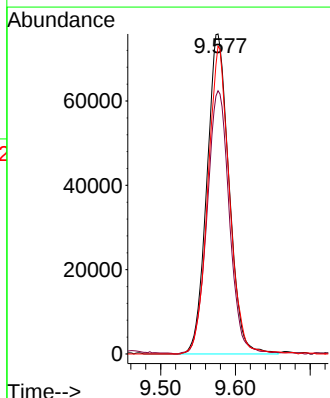
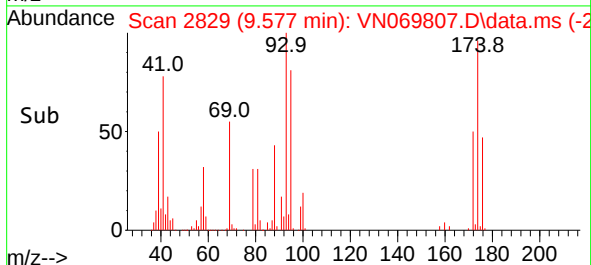
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

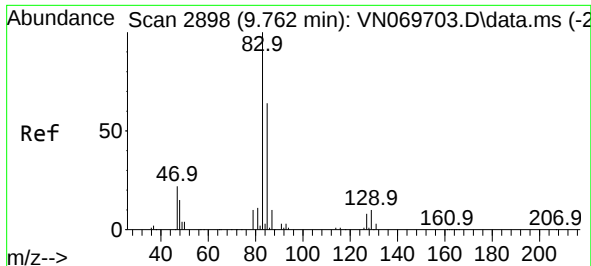


#46
Dibromomethane
Concen: 18.137 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00



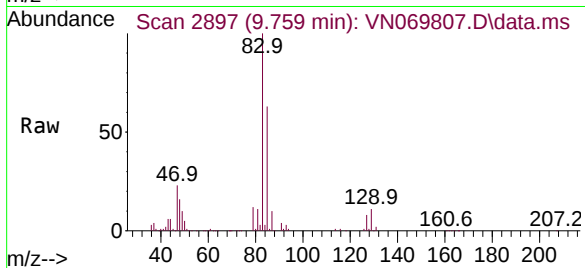
Tgt Ion: 93 Resp: 156640
Ion Ratio Lower Upper
93 100
95 82.5 65.9 98.9
174 93.0 84.6 127.0





#47
Bromodichloromethane
Concen: 18.238 ug/l
RT: 9.759 min Scan# 2898
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

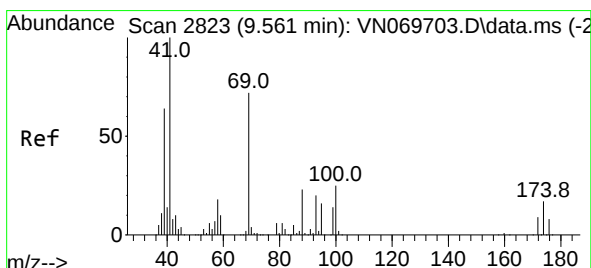
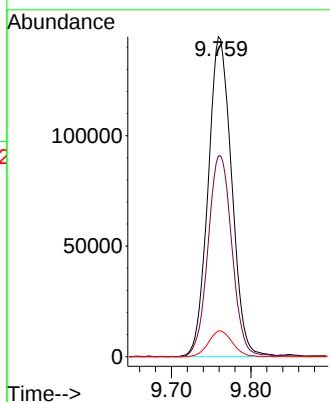
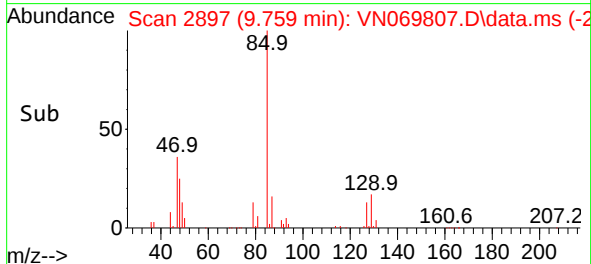
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion: 83 Resp: 29822
Ion Ratio Lower Upper
83 100
85 62.8 50.9 76.3
127 8.0 7.1 10.7

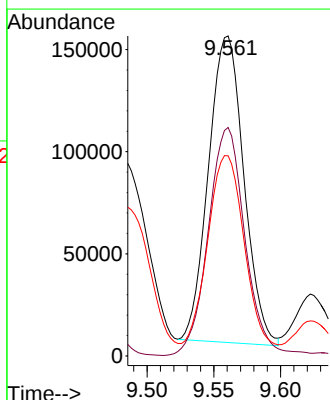
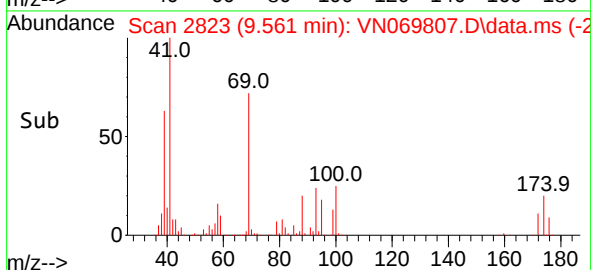
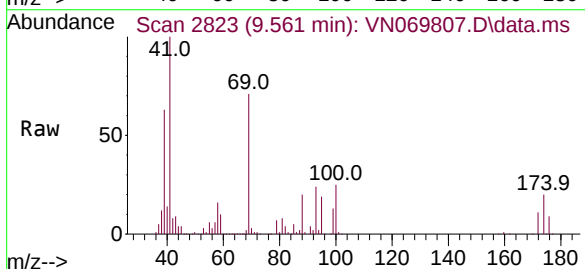
Manual Integrations
APPROVED

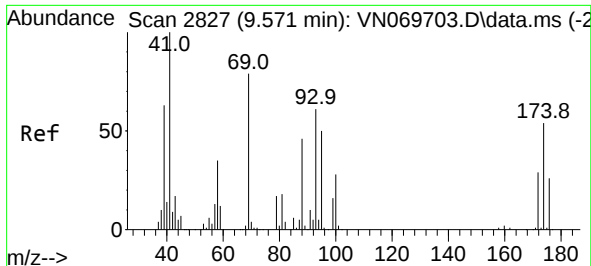
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#48
Methyl methacrylate
Concen: 16.791 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

Tgt Ion: 41 Resp: 276897
Ion Ratio Lower Upper
41 100
69 77.3 72.4 108.6
39 68.9 58.4 87.6





#49

1,4-Dioxane

Concen: 283.932 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.003 min

Lab File: VN069807.D

Acq: 7 Dec 2021 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBSD01

Tgt Ion: 88 Resp: 8401

Ion Ratio Lower Upper

88 100

43 34.4 23.4 35.2

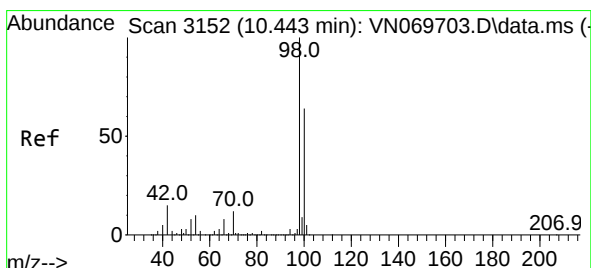
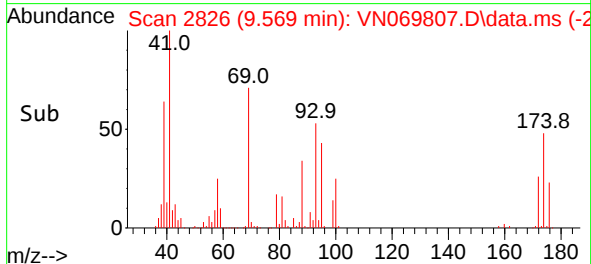
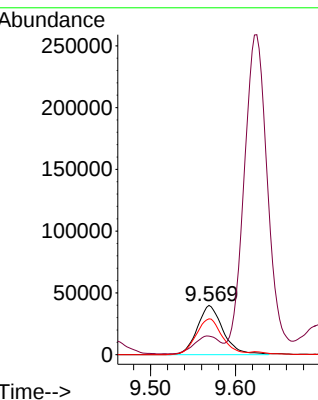
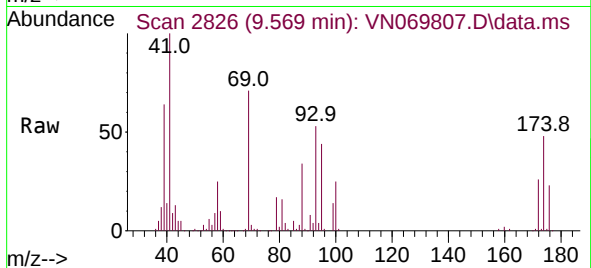
58 74.2 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#50

Toluene-d8

Concen: 45.610 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069807.D

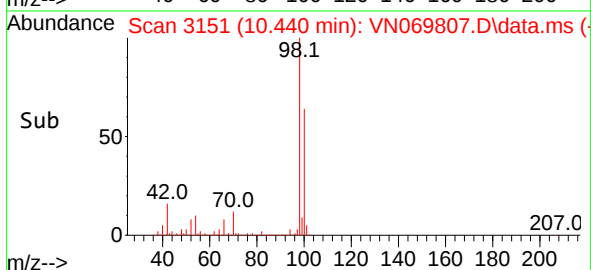
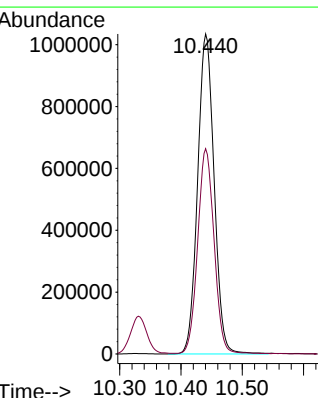
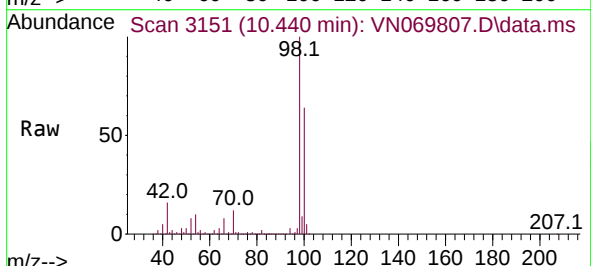
Acq: 7 Dec 2021 12:00

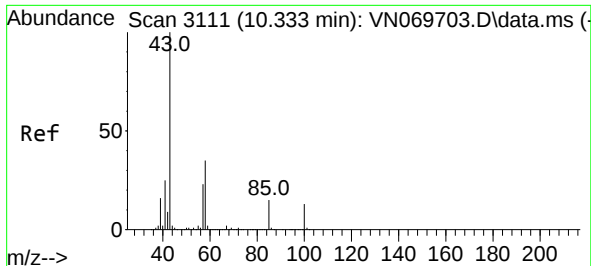
Tgt Ion: 98 Resp: 1933268

Ion Ratio Lower Upper

98 100

100 63.6 50.4 75.6





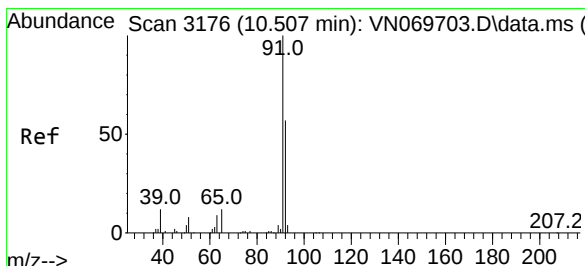
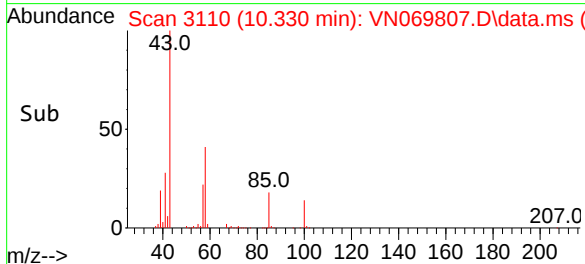
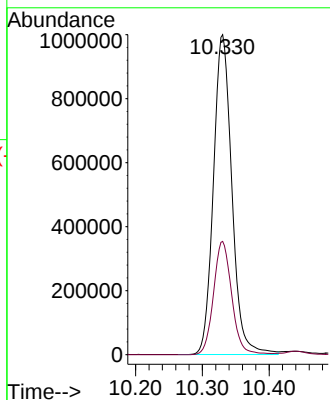
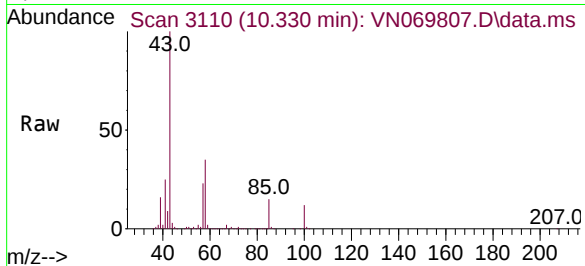
#51
4-Methyl-2-Pentanone
Concen: 83.895 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion: 43 Resp: 192316
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

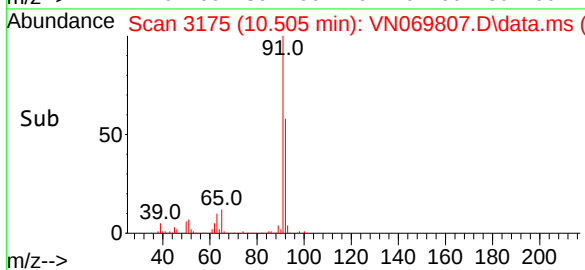
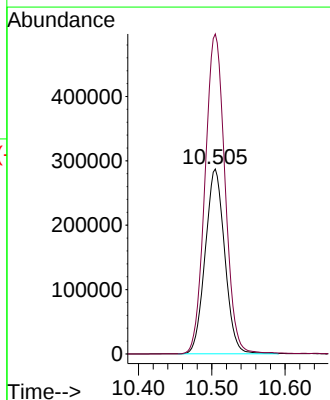
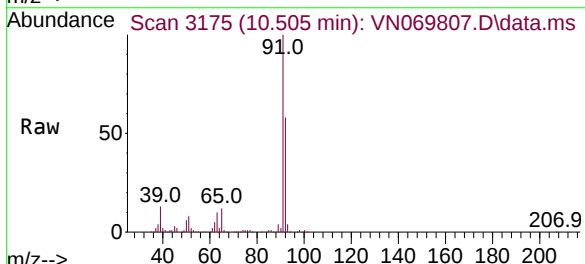
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#52
Toluene
Concen: 17.741 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

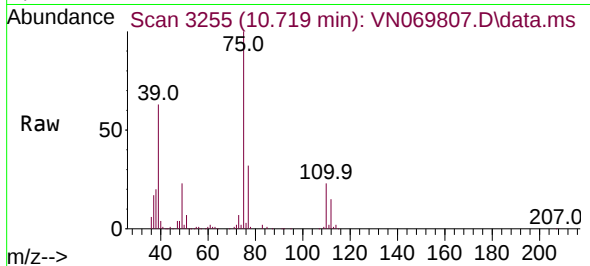
Tgt Ion: 92 Resp: 531149
Ion Ratio Lower Upper
92 100
91 176.8 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 17.507 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

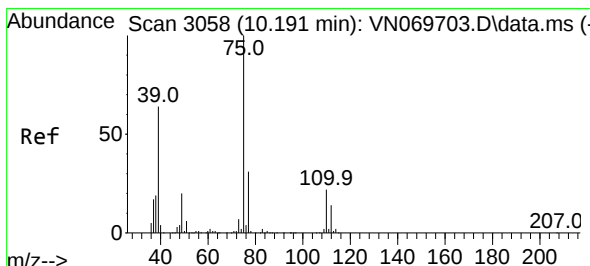
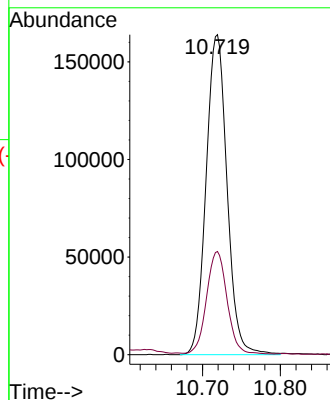
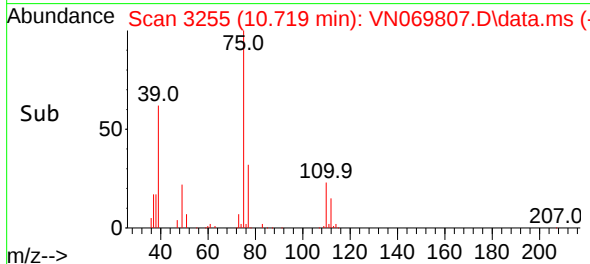
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



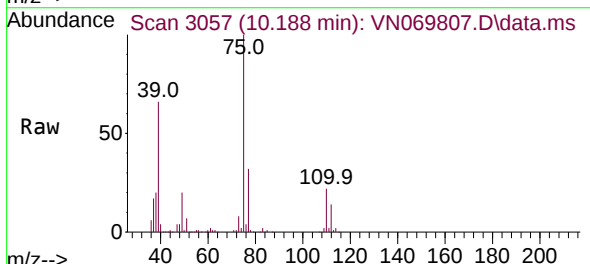
Tgt Ion: 75 Resp: 30653
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4

Manual Integrations
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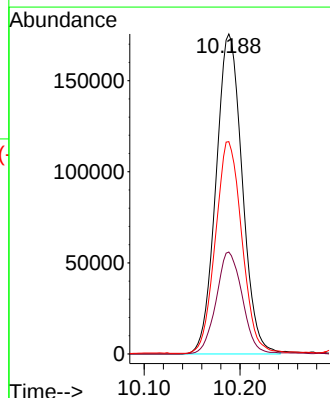
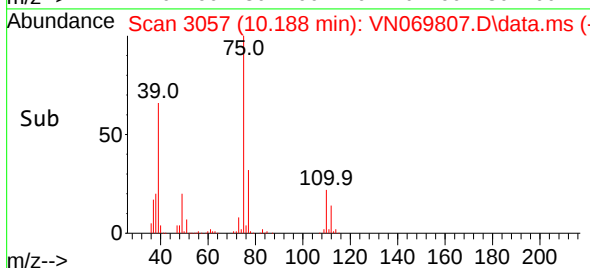
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

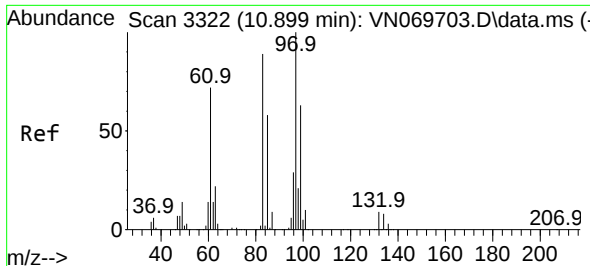


#54
cis-1,3-Dichloropropene
Concen: 17.521 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00



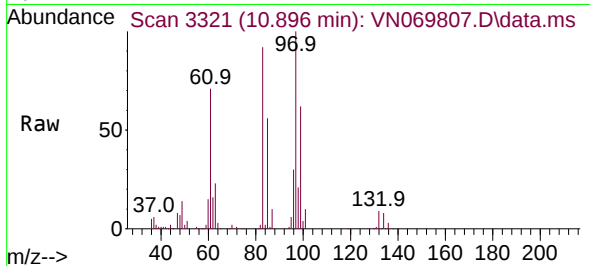
Tgt Ion: 75 Resp: 333784
Ion Ratio Lower Upper
75 100
77 31.8 26.4 39.6
39 66.1 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 17.861 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

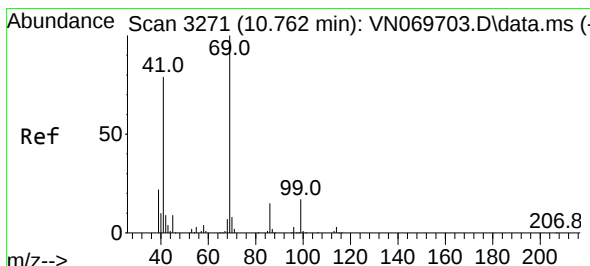
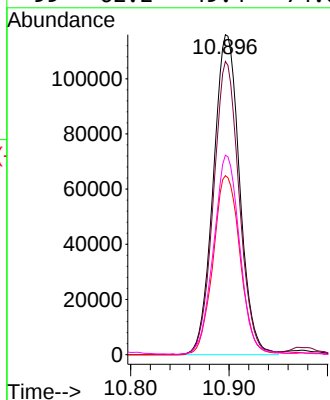
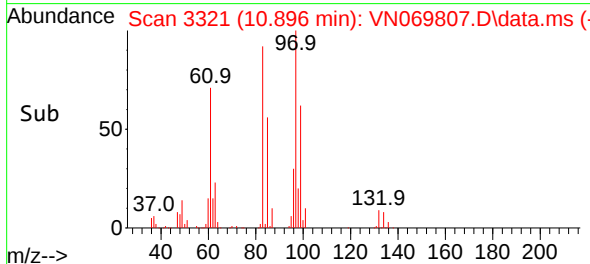
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



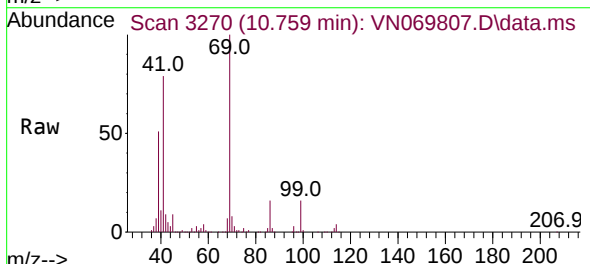
Tgt Ion: 97 Resp: 215752
Ion Ratio Lower Upper
97 100
83 91.7 67.8 101.6
85 56.0 45.4 68.2
99 62.2 49.4 74.0

Manual Integrations
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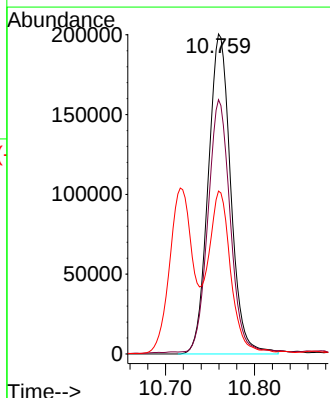
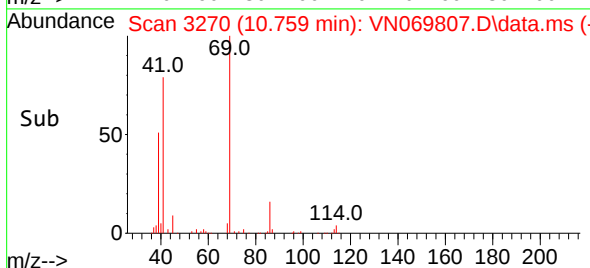
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

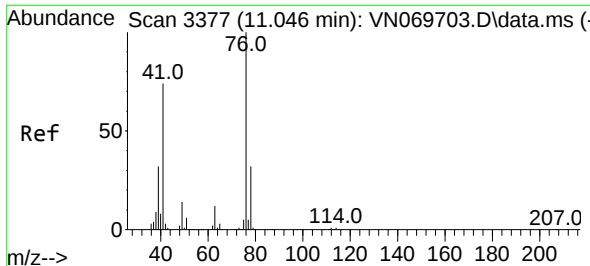


#56
Ethyl methacrylate
Concen: 17.040 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00



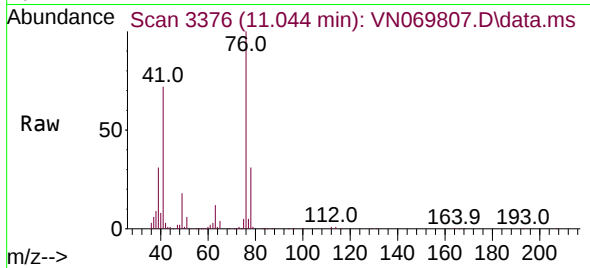
Tgt Ion: 69 Resp: 352500
Ion Ratio Lower Upper
69 100
41 77.3 51.4 77.0#
39 47.0 34.6 52.0





#57
1,3-Dichloropropane
Concen: 18.328 ug/l
RT: 11.044 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

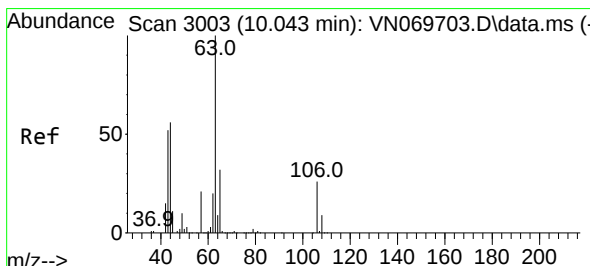
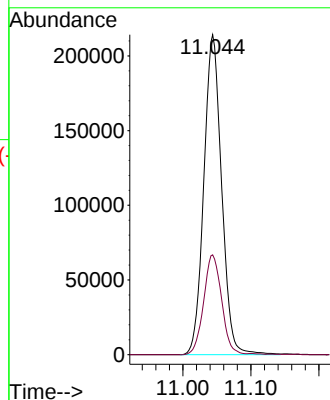
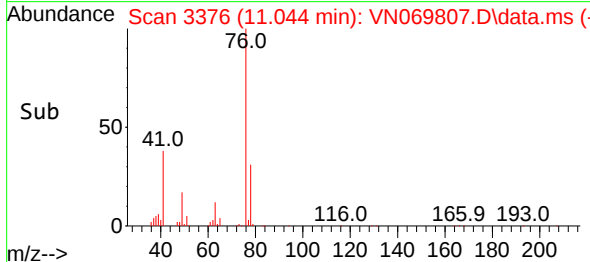
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



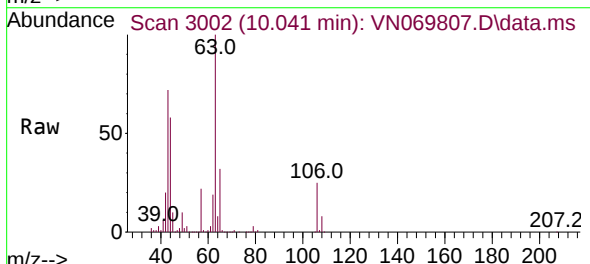
Tgt Ion: 76 Resp: 389836
Ion Ratio Lower Upper
76 100
78 31.4 25.7 38.5

Manual Integrations
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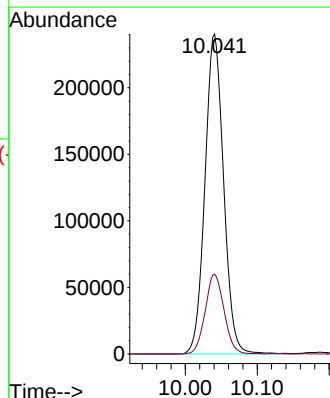
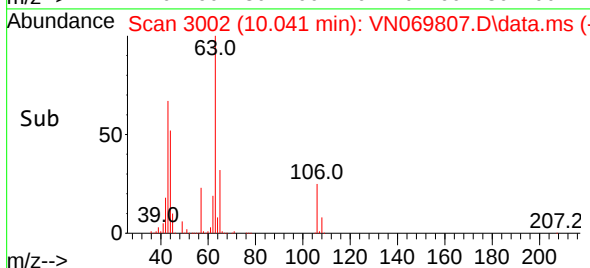
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

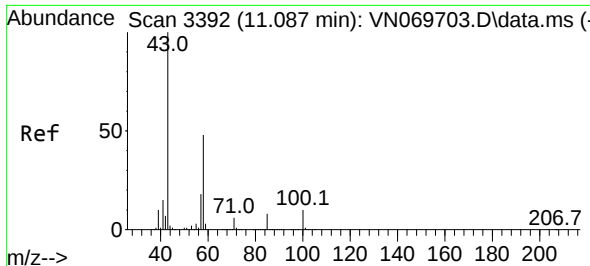


#58
2-Chloroethyl Vinyl ether
Concen: 83.660 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.002 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00



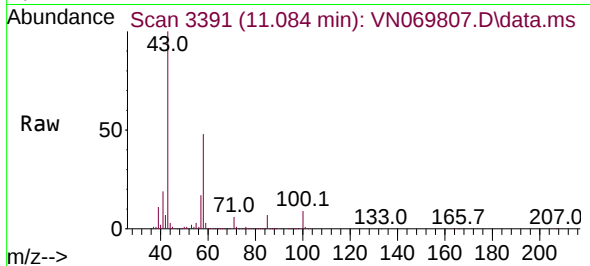
Tgt Ion: 63 Resp: 433642
Ion Ratio Lower Upper
63 100
106 25.2 23.9 35.9





#59
2-Hexanone
Concen: 79.119 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

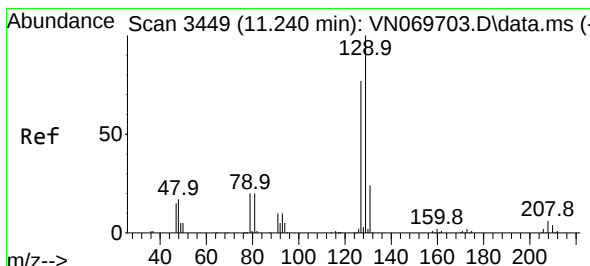
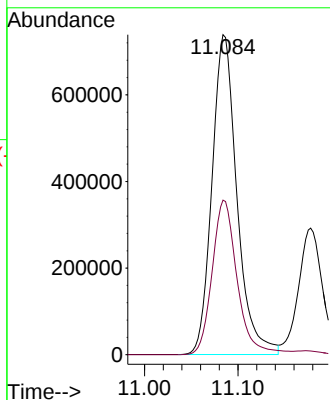
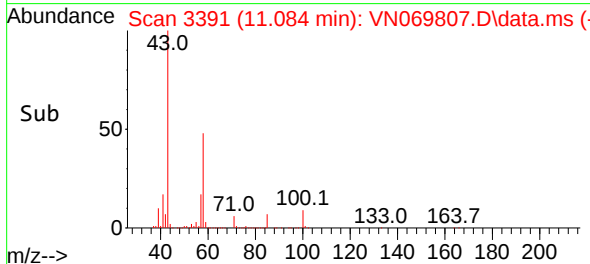
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion: 43 Resp: 1371990
Ion Ratio Lower Upper
43 100
58 48.6 26.9 80.7

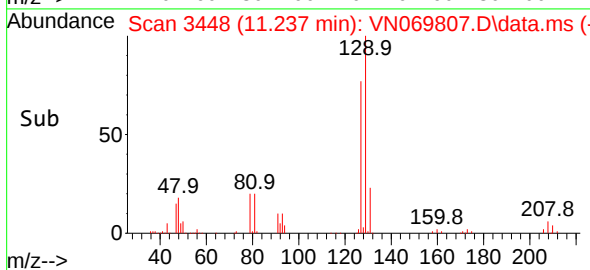
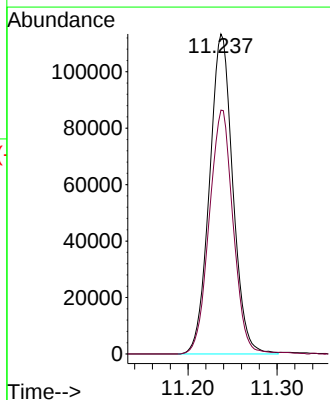
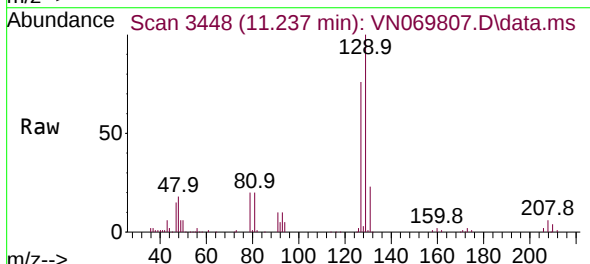
Manual Integrations
APPROVED

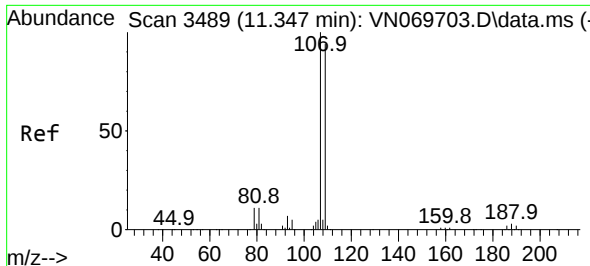
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#60
Dibromochloromethane
Concen: 17.568 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

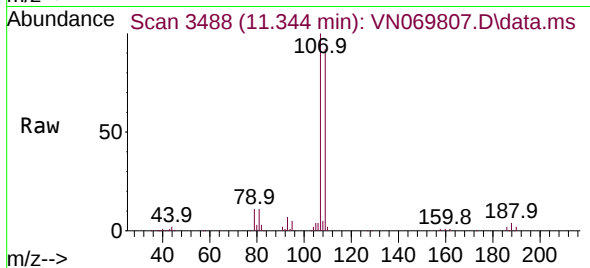
Tgt Ion:129 Resp: 206438
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 17.686 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

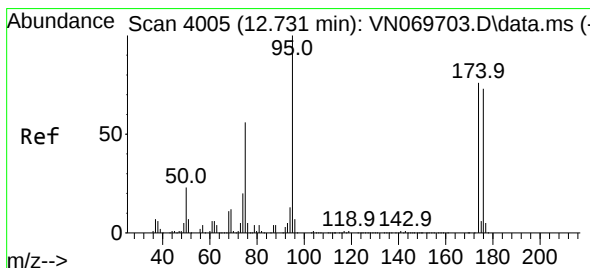
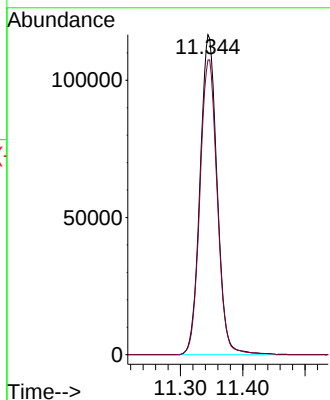
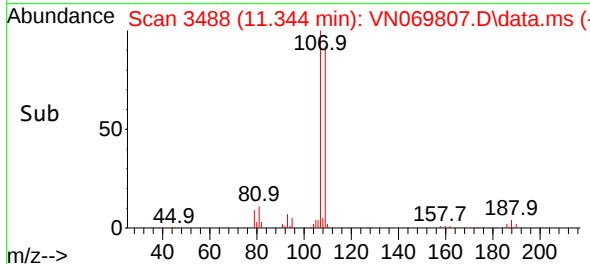
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



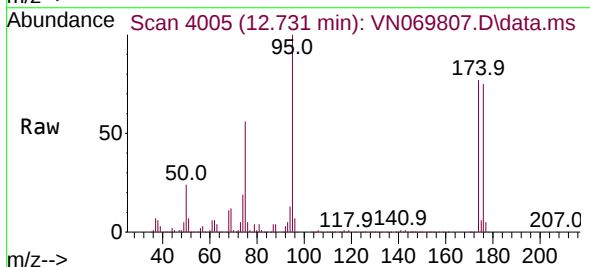
Tgt Ion:107 Resp: 22128
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5

Manual Integrations
APPROVED

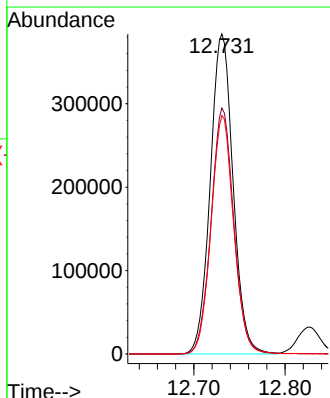
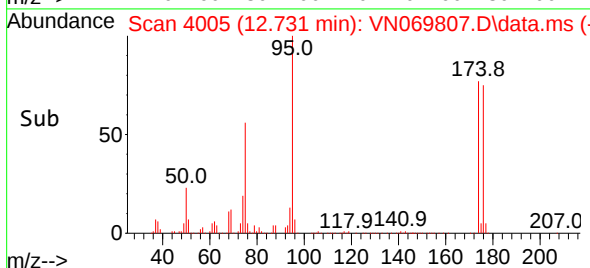
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

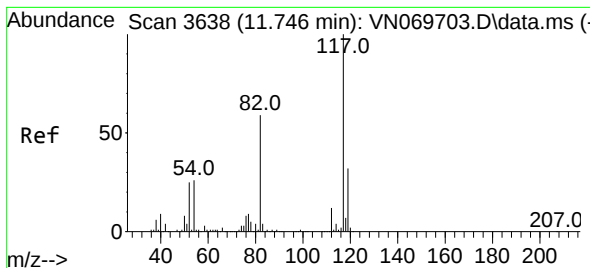


#62
4-Bromofluorobenzene
Concen: 43.479 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00



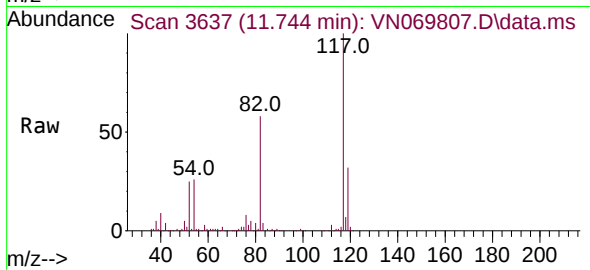
Tgt Ion: 95 Resp: 667649
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 73.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

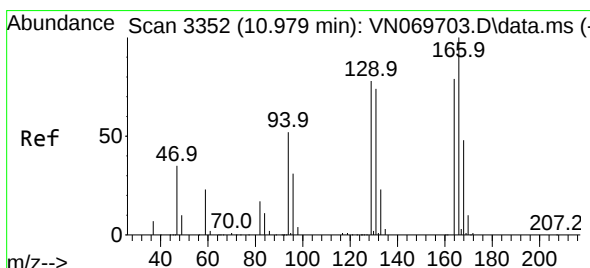
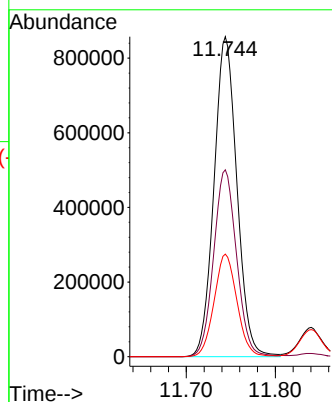
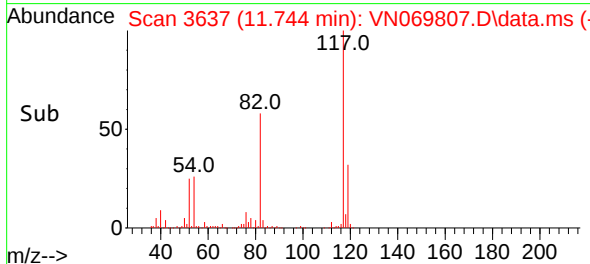
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion:117 Resp: 153395
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 32.0 25.4 38.2

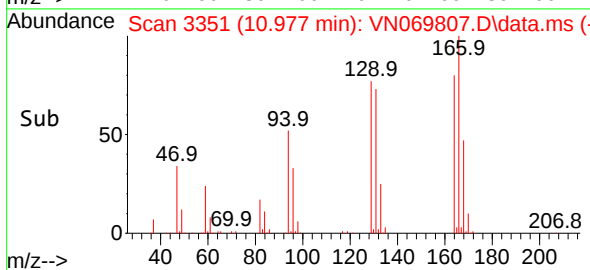
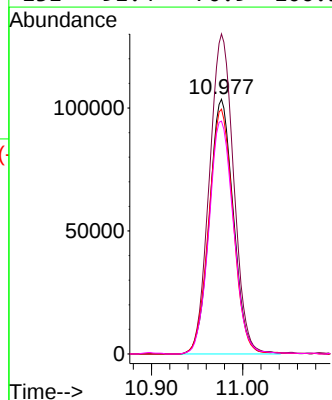
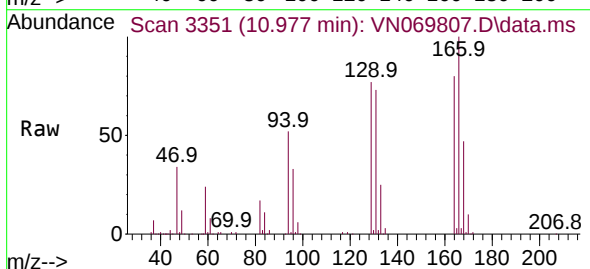
Manual Integrations
APPROVED

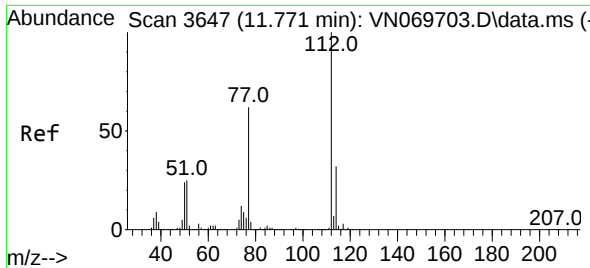
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#64
Tetrachloroethene
Concen: 18.196 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

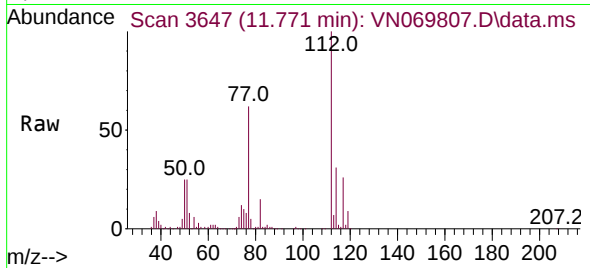
Tgt Ion:164 Resp: 189262
Ion Ratio Lower Upper
164 100
166 125.7 101.9 152.9
129 96.2 72.0 108.0
131 91.4 70.9 106.3





#65
Chlorobenzene
Concen: 18.092 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

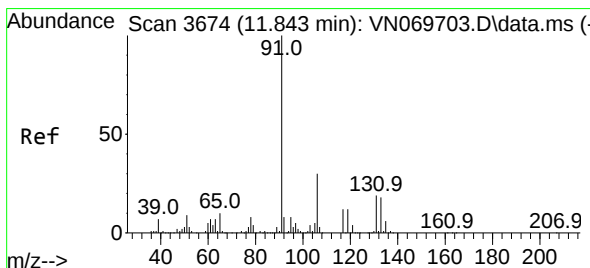
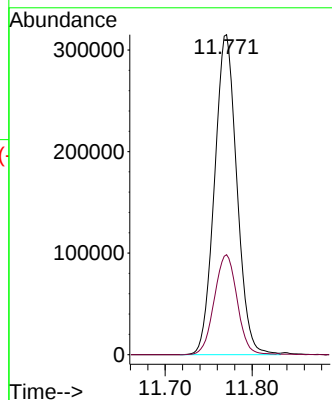
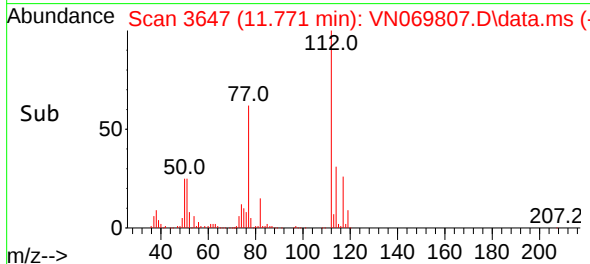
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



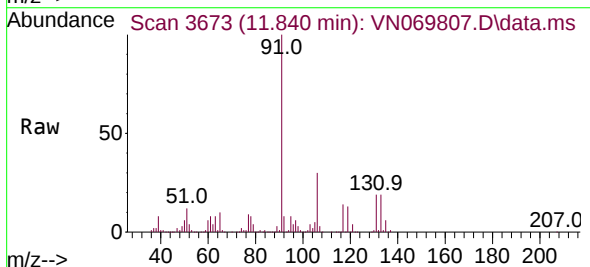
Tgt Ion:112 Resp: 56302
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.0

Manual Integrations
APPROVED

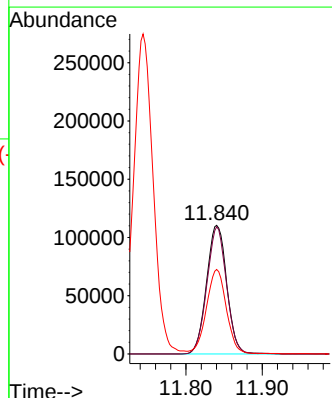
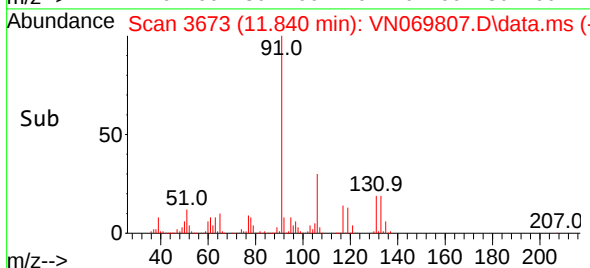
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

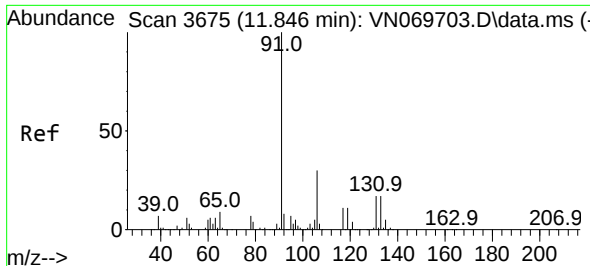


#66
1,1,1,2-Tetrachloroethane
Concen: 18.552 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00



Tgt Ion:131 Resp: 203204
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 64.2 32.1 96.5





#67

Ethyl Benzene

Concen: 18.338 ug/l

RT: 11.843 min Scan# 30

Delta R.T. -0.003 min

Lab File: VN069807.D

Acq: 7 Dec 2021 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBSD01

Tgt Ion: 91 Resp: 103662

Ion Ratio Lower Upper

91 100

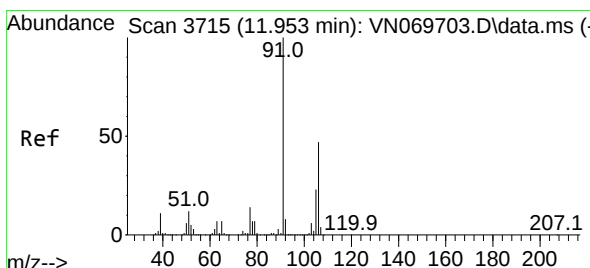
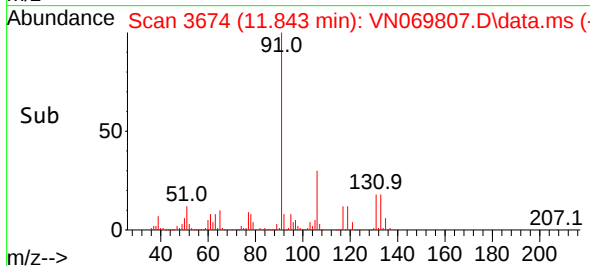
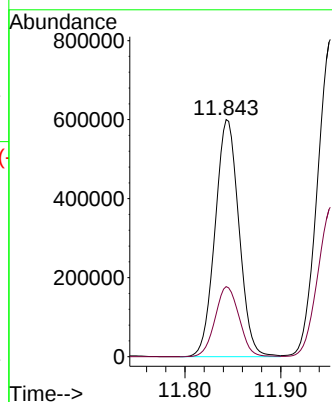
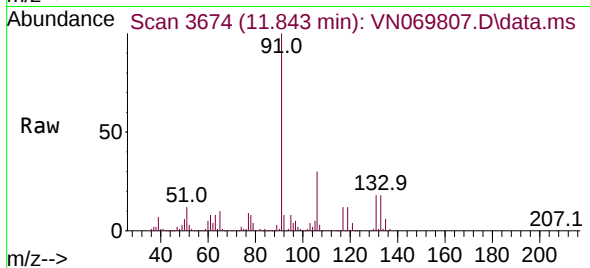
106 29.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#68

m/p-Xylenes

Concen: 36.645 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. 0.000 min

Lab File: VN069807.D

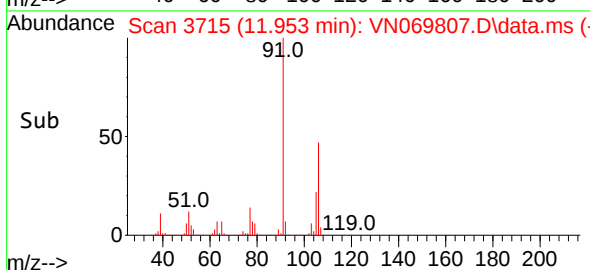
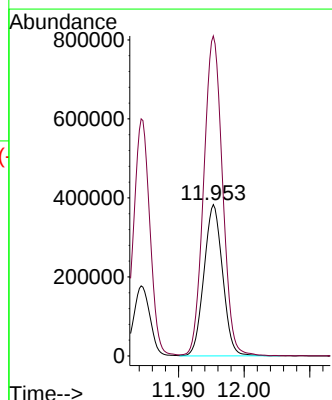
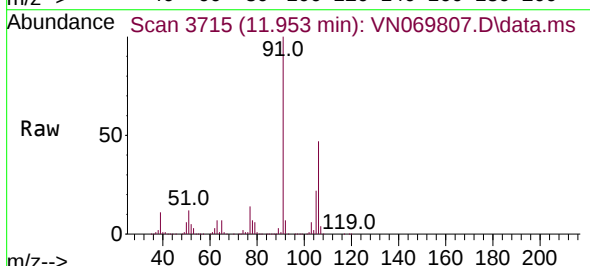
Acq: 7 Dec 2021 12:00

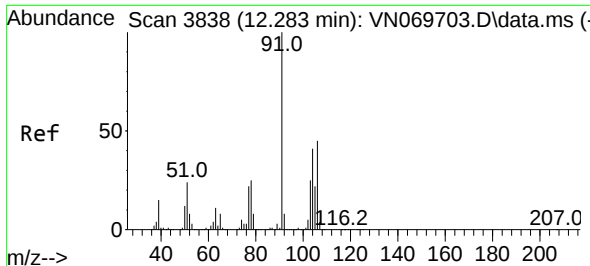
Tgt Ion:106 Resp: 754243

Ion Ratio Lower Upper

106 100

91 213.6 160.6 240.8





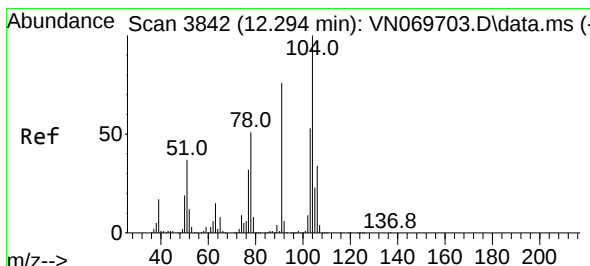
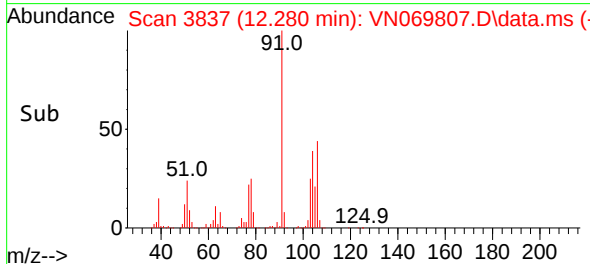
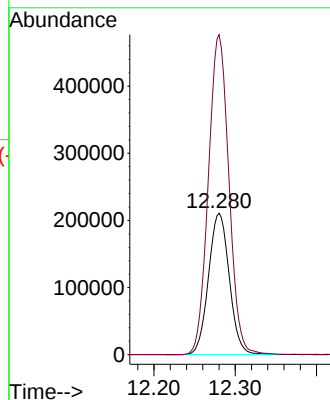
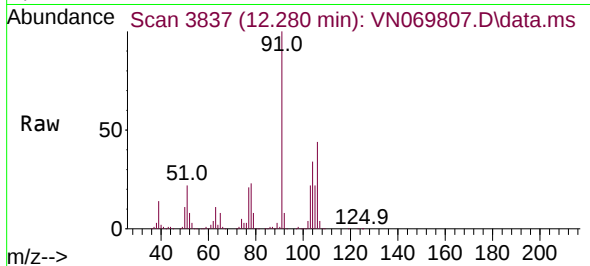
#69
o-Xylene
Concen: 18.090 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion:106 Resp: 37504
Ion Ratio Lower Upper
106 100
91 223.6 105.8 317.3

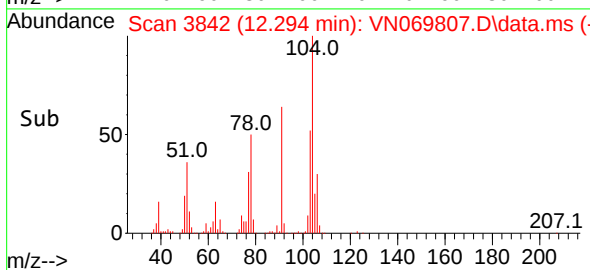
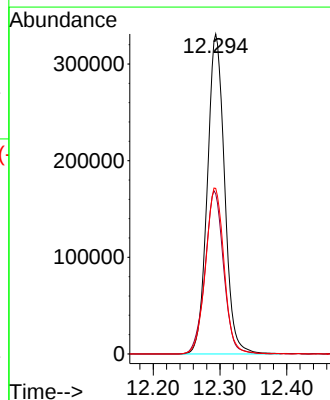
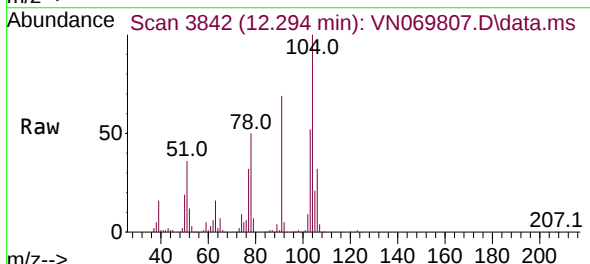
Manual Integrations
APPROVED

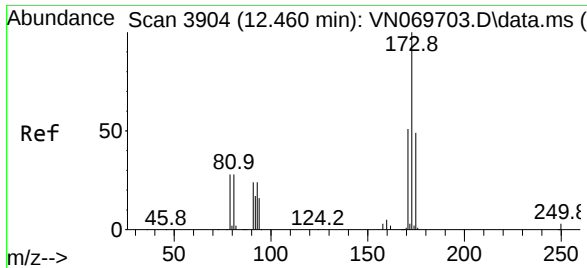
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#70
Styrene
Concen: 18.094 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

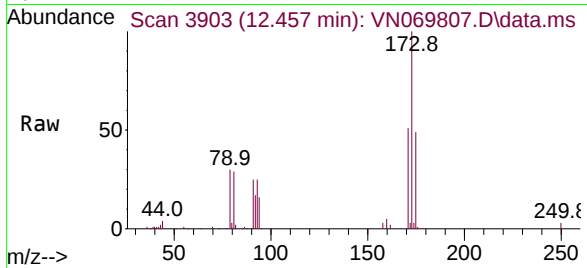
Tgt Ion:104 Resp: 594826
Ion Ratio Lower Upper
104 100
78 54.6 38.7 58.1
103 55.7 45.0 67.6





#71
Bromoform
Concen: 16.742 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

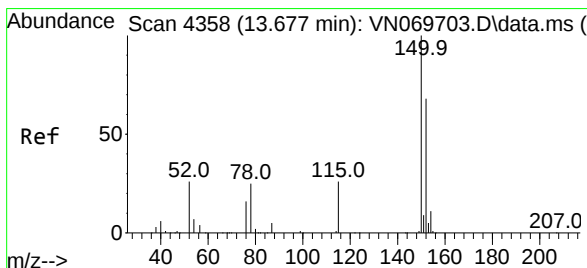
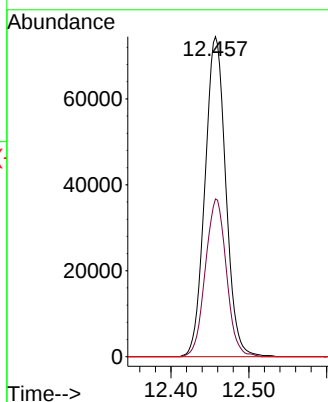
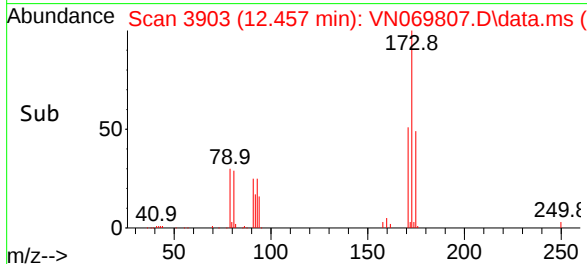
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



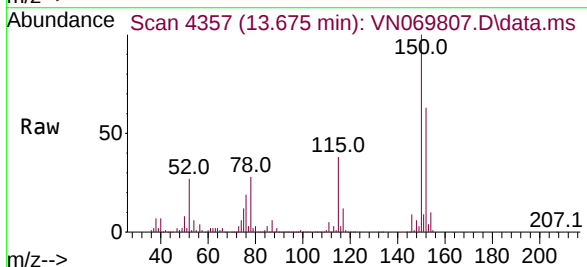
Tgt Ion:173 Resp: 138845
Ion Ratio Lower Upper
173 100
175 49.7 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

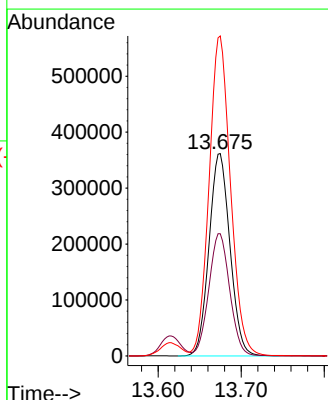
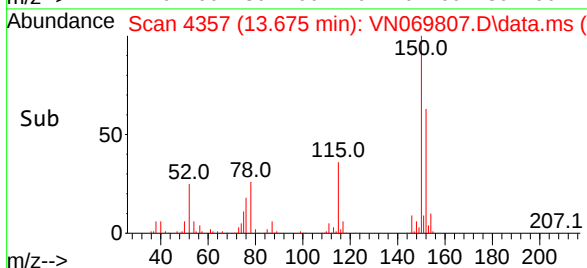
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

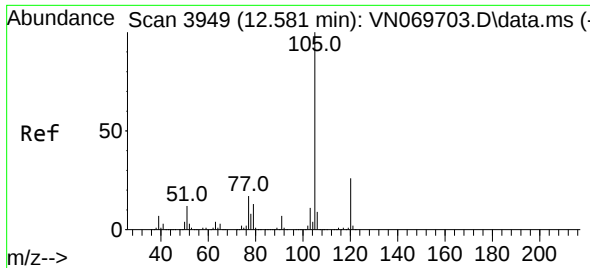


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00



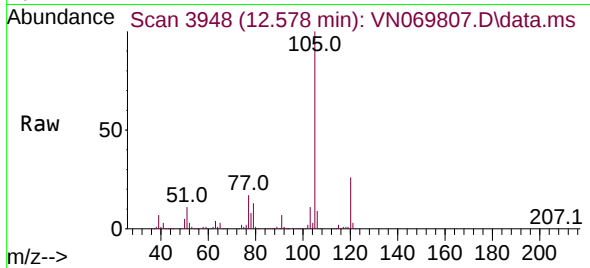
Tgt Ion:152 Resp: 633778
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 161.8 0.0 344.4





#73
Isopropylbenzene
Concen: 17.411 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

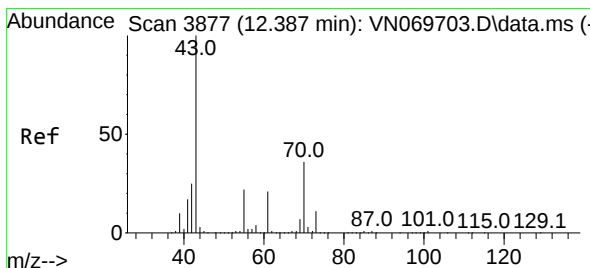
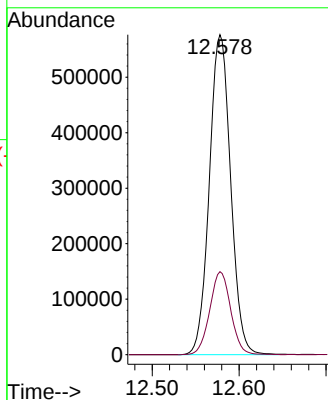
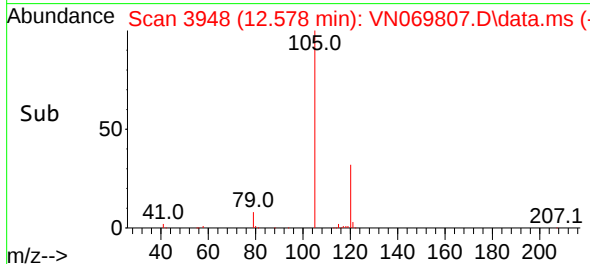
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion:105 Resp: 981784
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

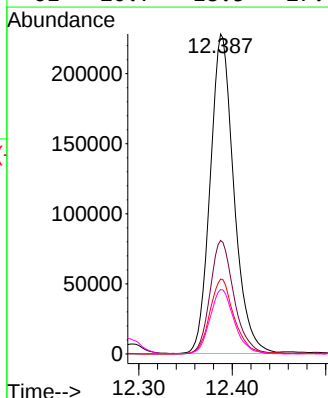
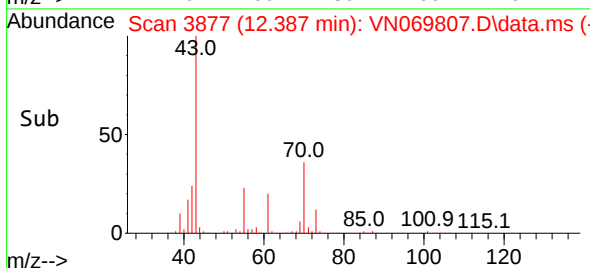
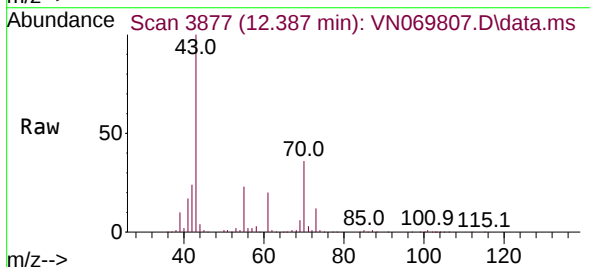
Manual Integrations
APPROVED

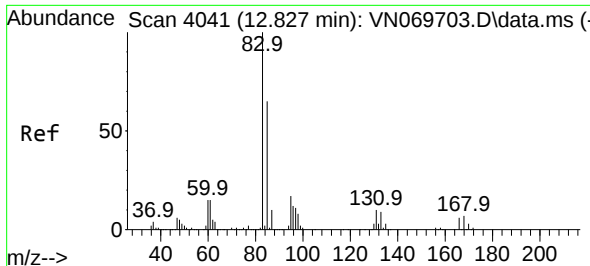
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#74
N-ethyl acetate
Concen: 16.113 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

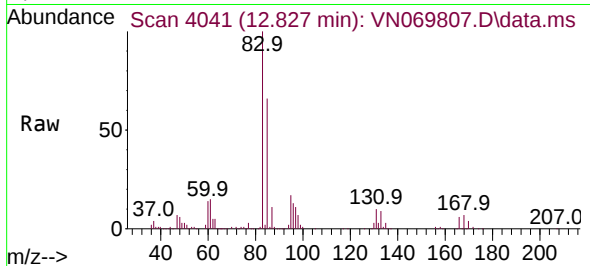
Tgt Ion: 43 Resp: 401813
Ion Ratio Lower Upper
43 100
70 35.9 33.4 50.0
55 23.9 19.3 28.9
61 20.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 16.887 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

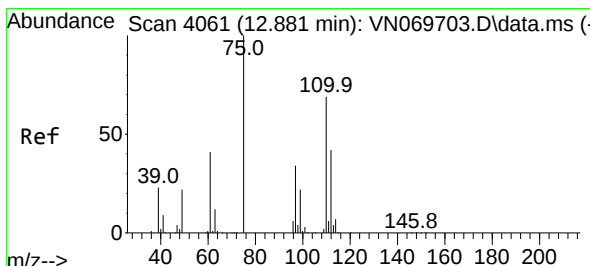
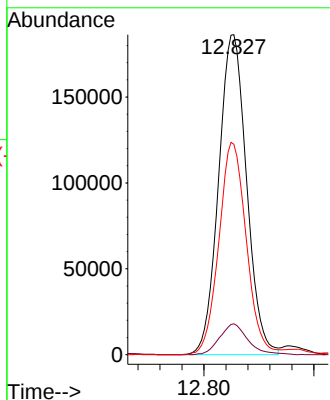
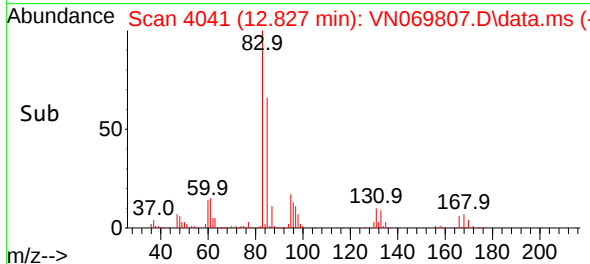
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion: 83 Resp: 329274
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 65.0 32.4 97.2

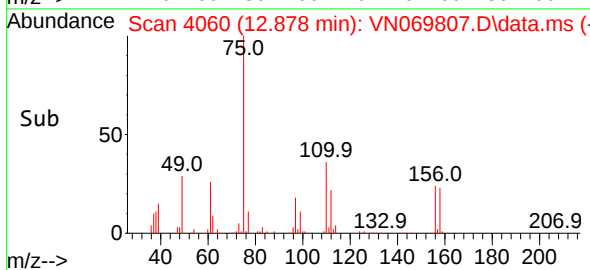
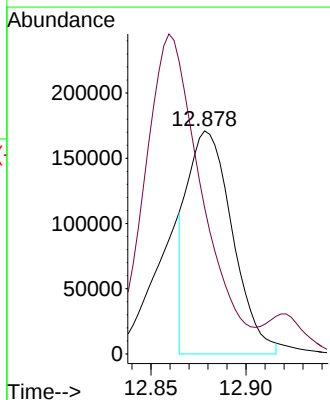
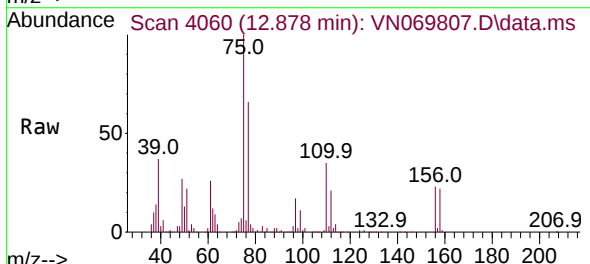
Manual Integrations
APPROVED

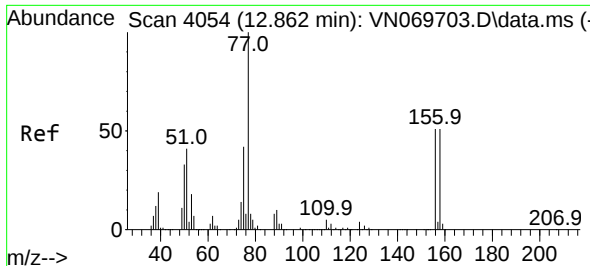
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#76
1,2,3-Trichloropropane
Concen: 15.432 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

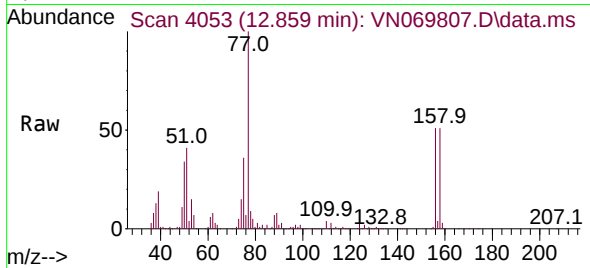
Tgt Ion: 75 Resp: 280488
Ion Ratio Lower Upper
75 100
77 181.8 82.6 247.8





#77
Bromobenzene
Concen: 17.204 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

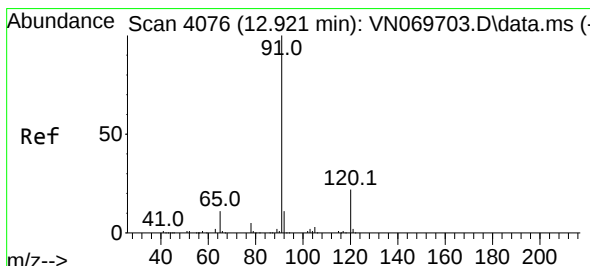
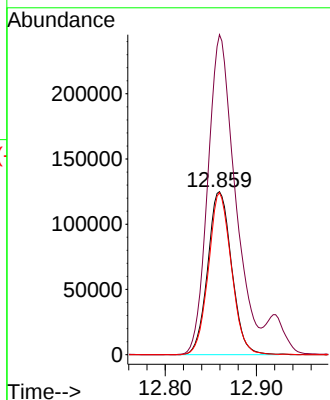
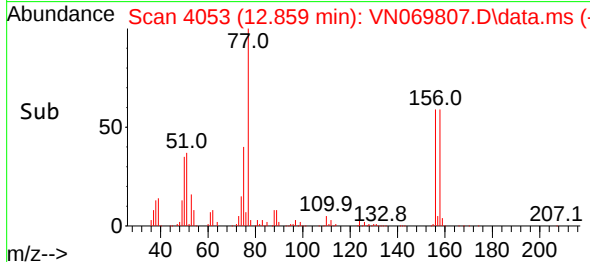
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion:156 Resp: 227870
Ion Ratio Lower Upper
156 100
77 223.8 90.6 271.8
158 95.3 48.9 146.7

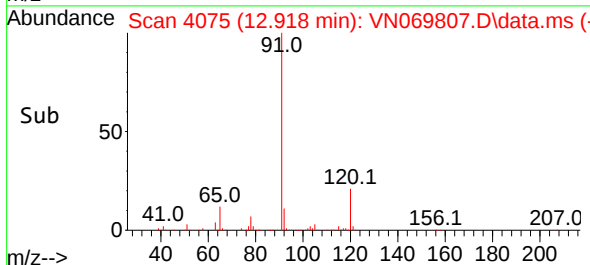
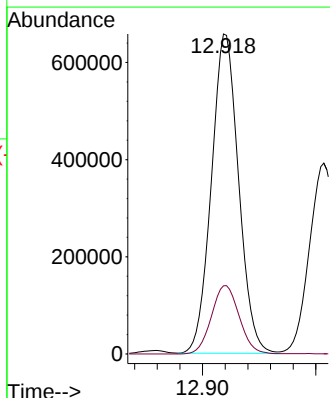
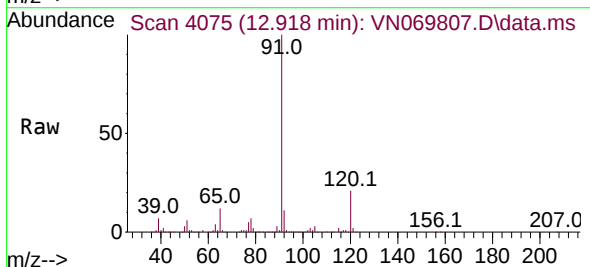
Manual Integrations
APPROVED

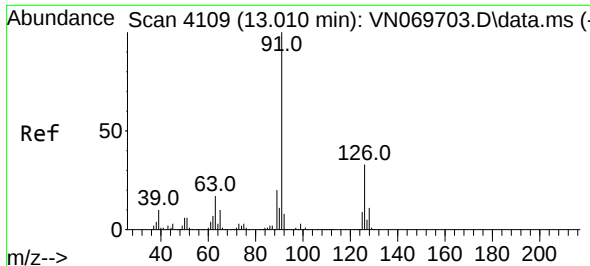
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#78
n-propylbenzene
Concen: 17.442 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

Tgt Ion: 91 Resp: 1094476
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





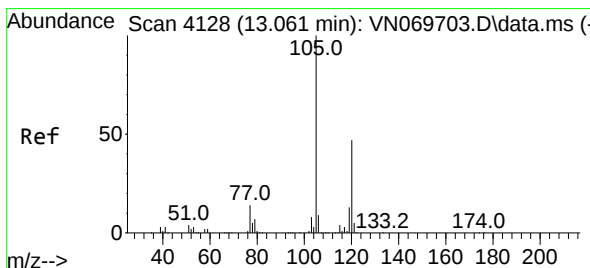
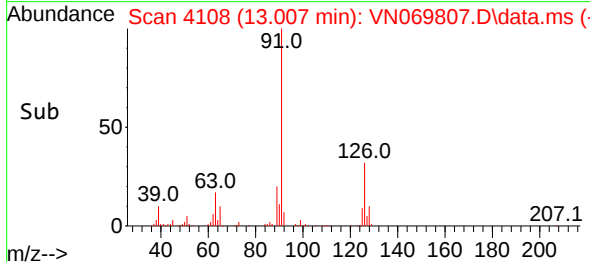
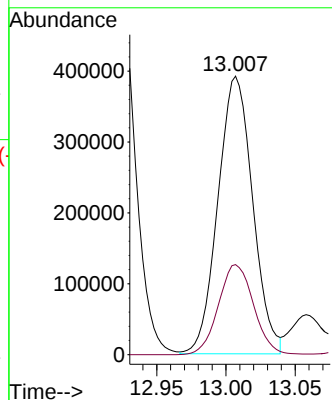
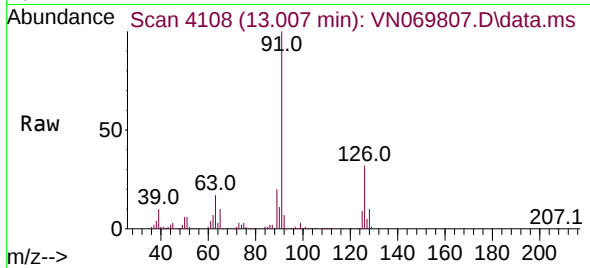
#79
2-Chlorotoluene
Concen: 17.268 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion: 91 Resp: 68466
Ion Ratio Lower Upper
91 100
126 32.9 18.3 54.8

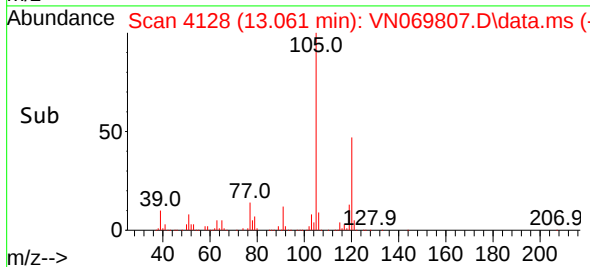
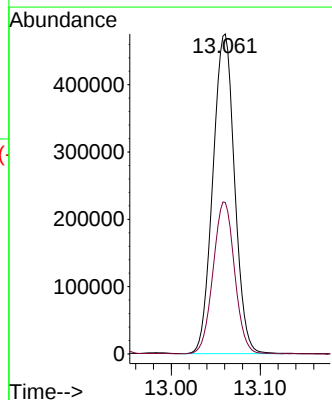
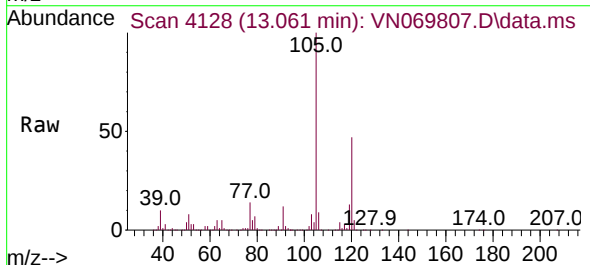
Manual Integrations
APPROVED

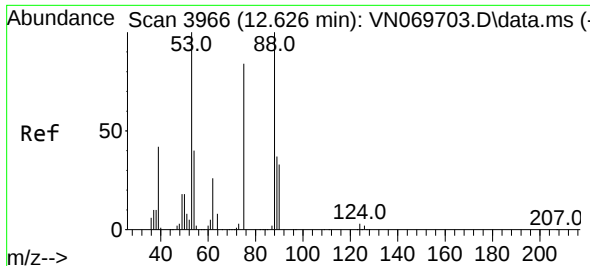
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#80
1,3,5-Trimethylbenzene
Concen: 17.730 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

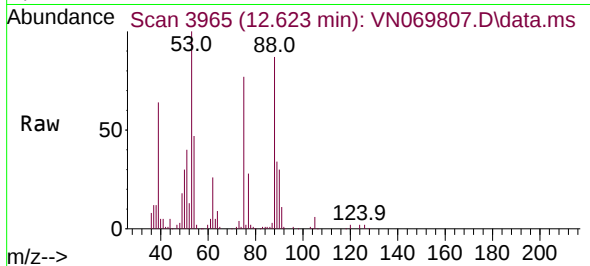
Tgt Ion:105 Resp: 804693
Ion Ratio Lower Upper
105 100
120 47.1 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 16.450 ug/l
RT: 12.623 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

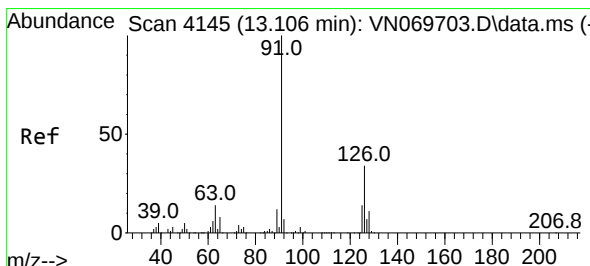
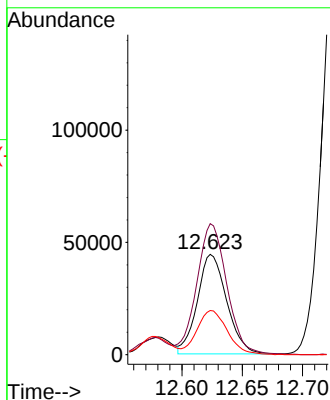
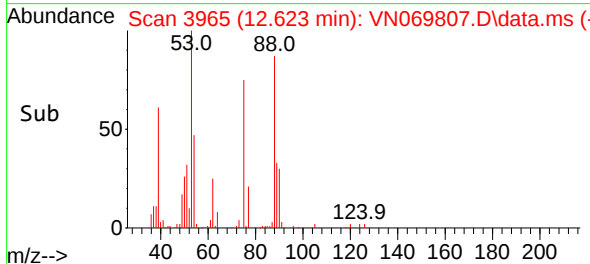
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion: 75 Resp: 7488
Ion Ratio Lower Upper
75 100
53 136.3 90.5 135.7
89 46.1 38.2 57.4

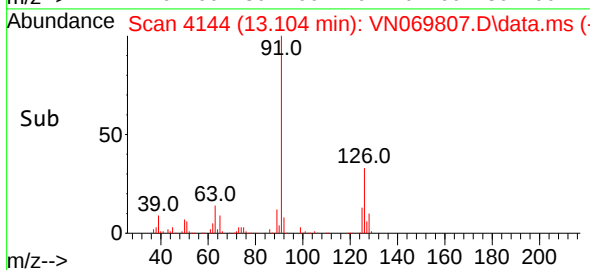
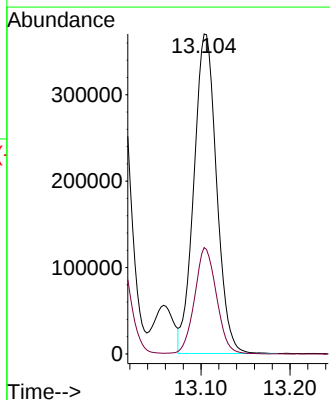
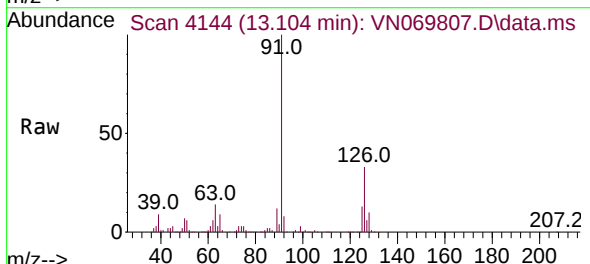
Manual Integrations
APPROVED

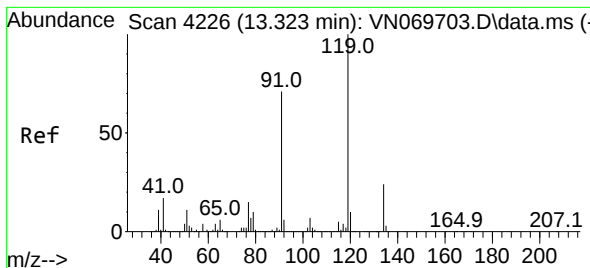
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#82
4-Chlorotoluene
Concen: 17.538 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

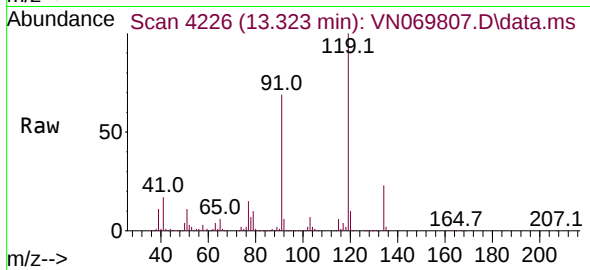
Tgt Ion: 91 Resp: 653933
Ion Ratio Lower Upper
91 100
126 32.2 18.2 54.6





#83
tert-Butylbenzene
Concen: 17.071 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

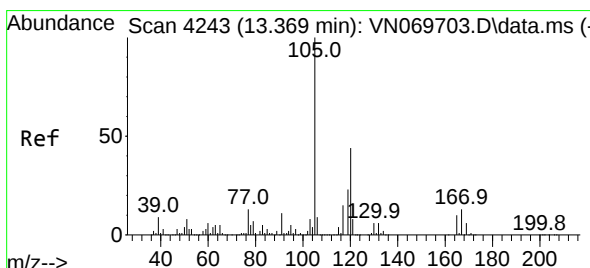
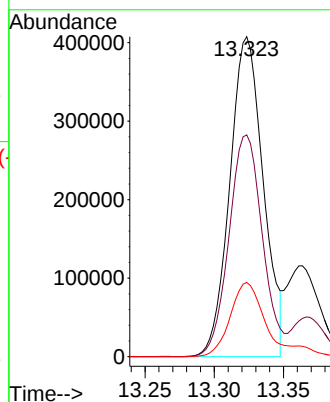
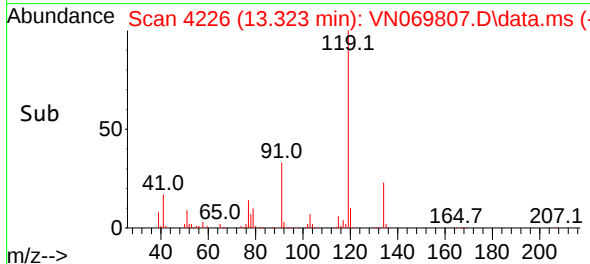
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



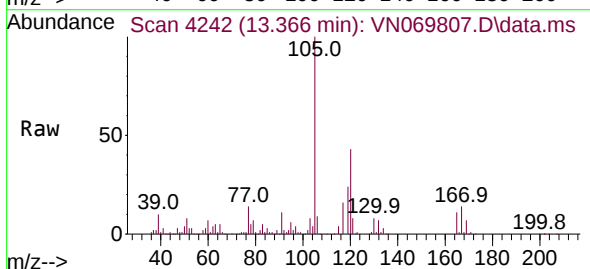
Tgt Ion:119 Resp: 68606
Ion Ratio Lower Upper
119 100
91 69.9 31.5 94.5
134 25.7 12.4 37.4

Manual Integrations
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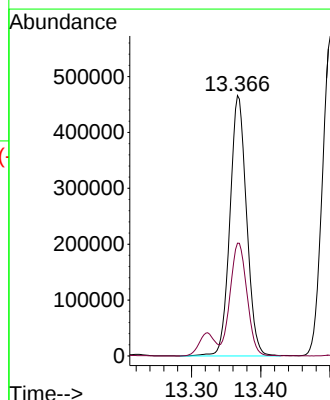
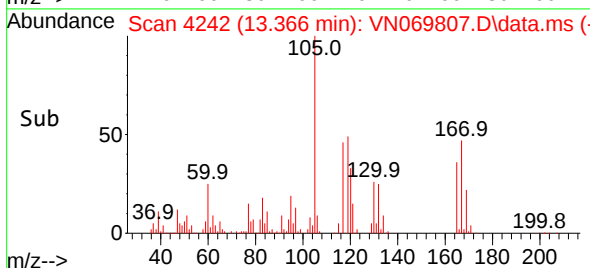
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

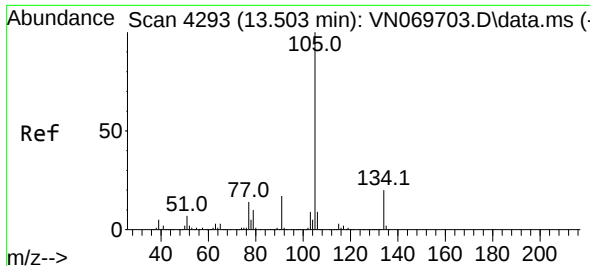


#84
1,2,4-Trimethylbenzene
Concen: 17.981 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00



Tgt Ion:105 Resp: 777199
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4





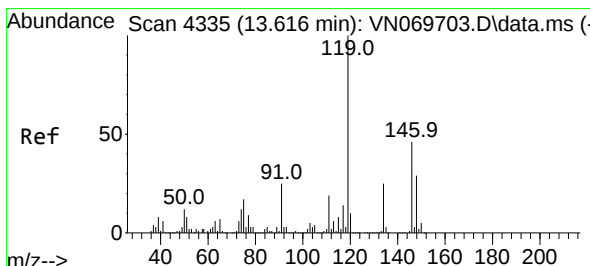
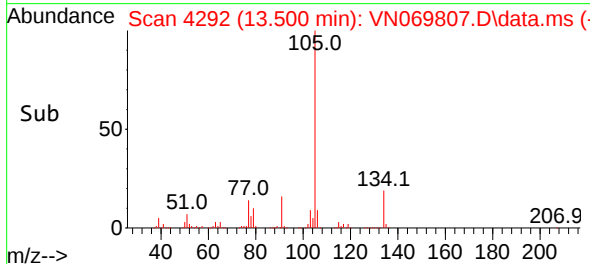
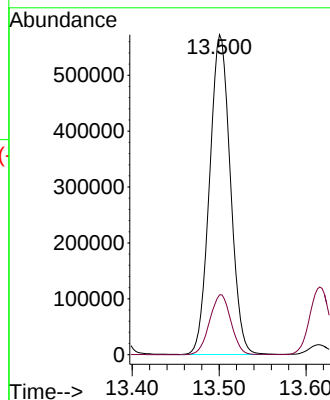
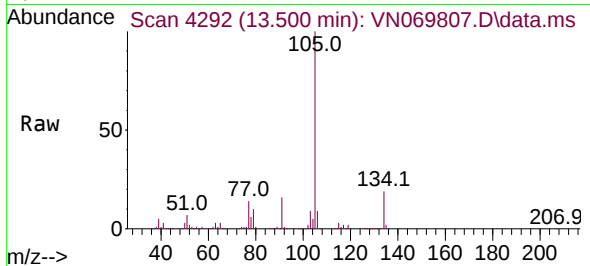
#85
 sec-Butylbenzene
 Concen: 17.418 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN069807.D
 Acq: 7 Dec 2021 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBSD01

Tgt Ion:105 Resp: 949470
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

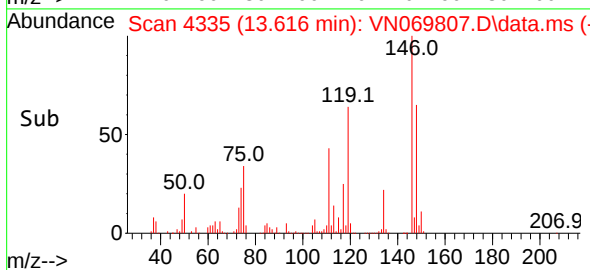
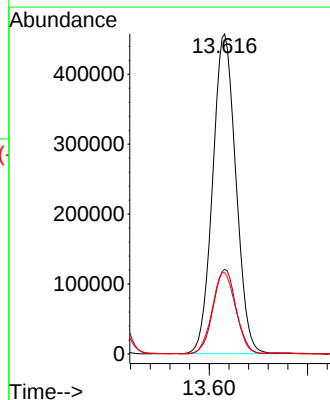
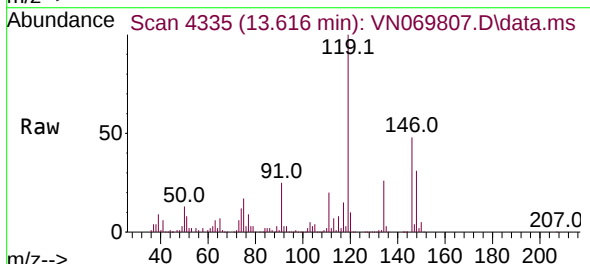
Manual Integrations
 APPROVED

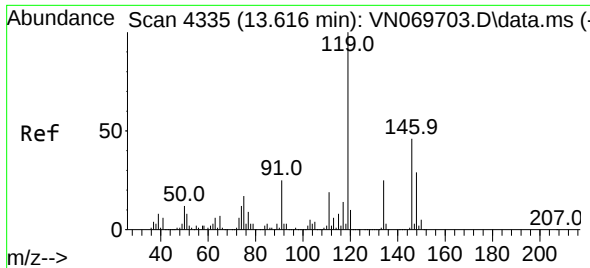
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021



#86
 p-Isopropyltoluene
 Concen: 17.586 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069807.D
 Acq: 7 Dec 2021 12:00

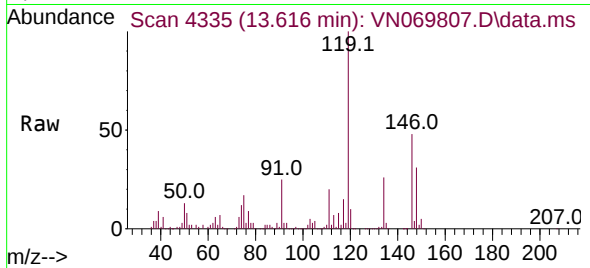
Tgt Ion:119 Resp: 749310
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 25.6 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 17.407 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

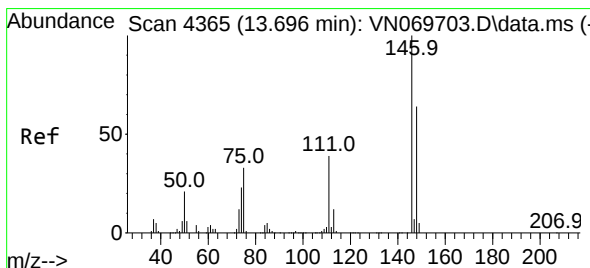
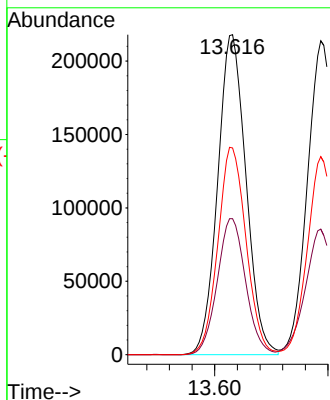
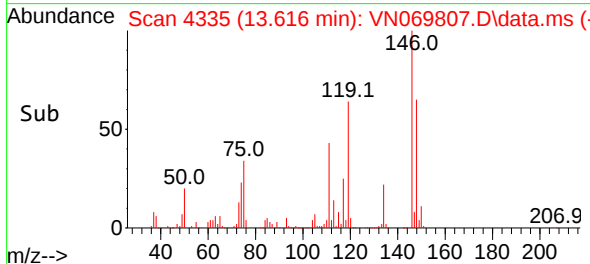
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



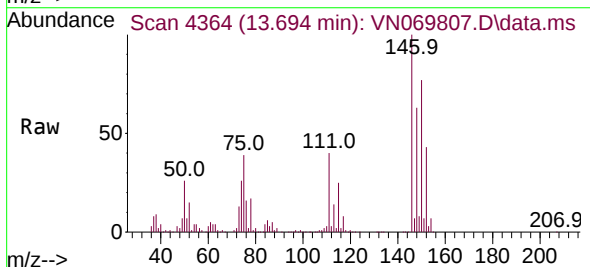
Tgt Ion:146 Resp: 378760
Ion Ratio Lower Upper
146 100
111 42.5 18.6 55.6
148 64.6 31.6 95.0

Manual Integrations
APPROVED

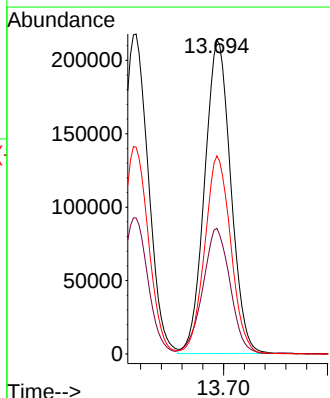
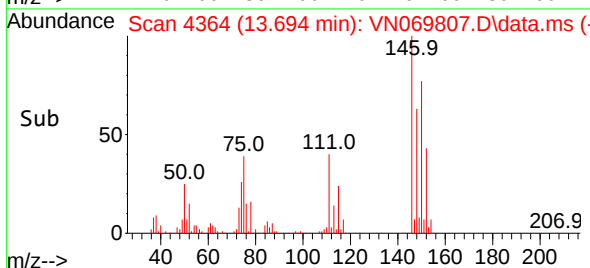
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

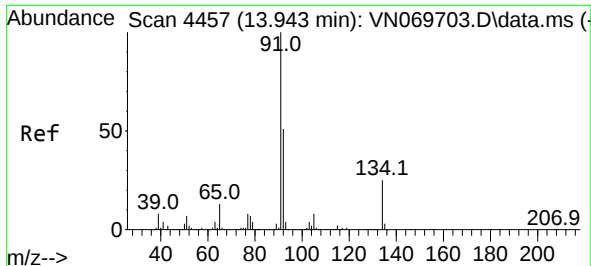


#88
1,4-Dichlorobenzene
Concen: 17.494 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00



Tgt Ion:146 Resp: 374088
Ion Ratio Lower Upper
146 100
111 41.6 18.3 54.8
148 63.3 31.8 95.4





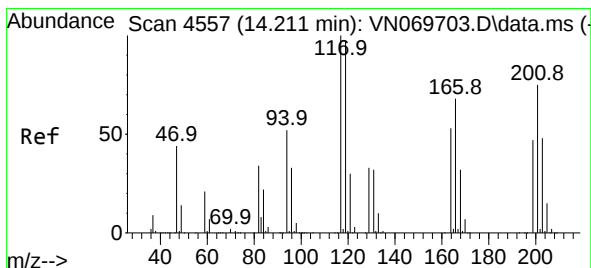
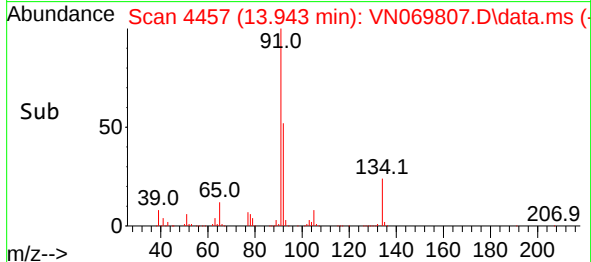
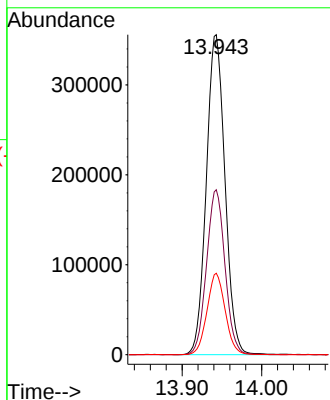
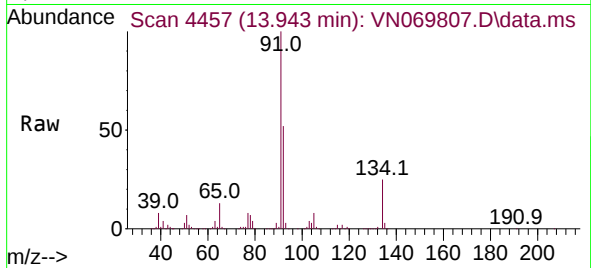
#89
n-Butylbenzene
Concen: 16.822 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion: 91 Resp: 581420
Ion Ratio Lower Upper
91 100
92 51.1 25.4 76.0
134 24.9 13.6 40.8

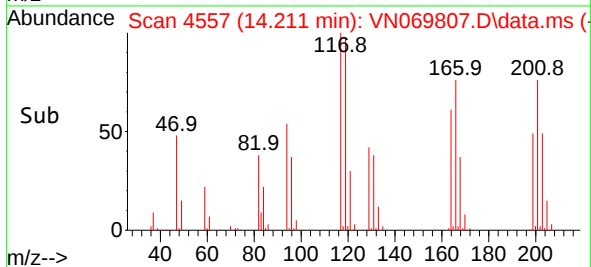
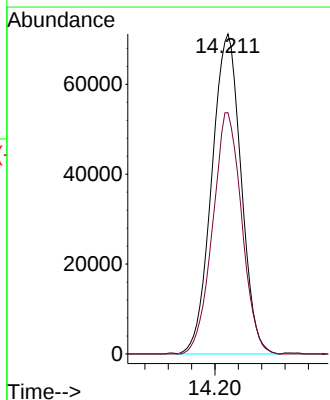
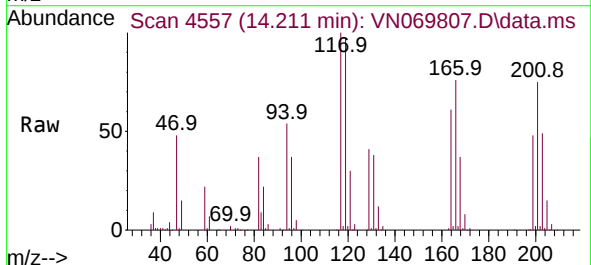
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#90
Hexachloroethane
Concen: 16.588 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

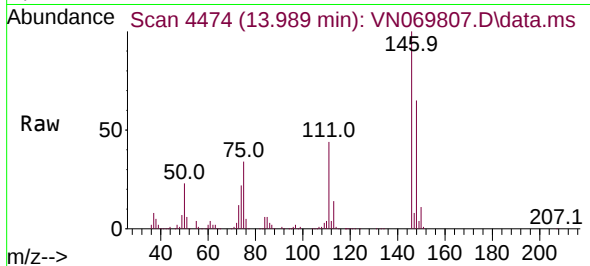
Tgt Ion:117 Resp: 124096
Ion Ratio Lower Upper
117 100
201 74.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 17.455 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

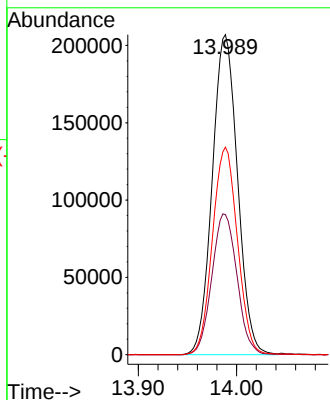
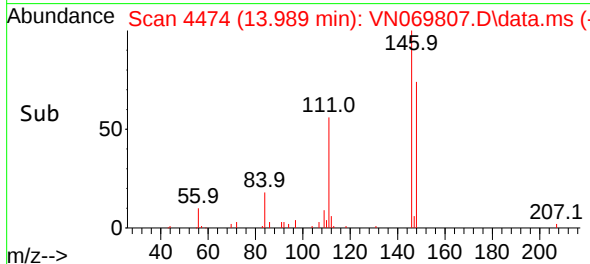
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion:146 Resp: 37007
Ion Ratio Lower Upper
146 100
111 43.8 19.1 57.3
148 64.1 32.1 96.3

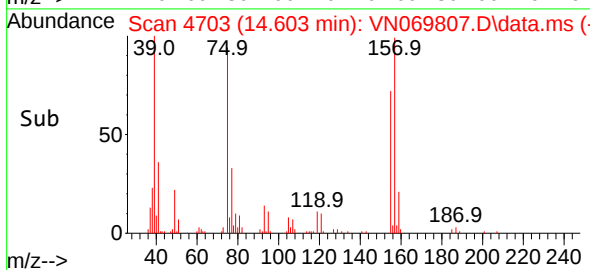
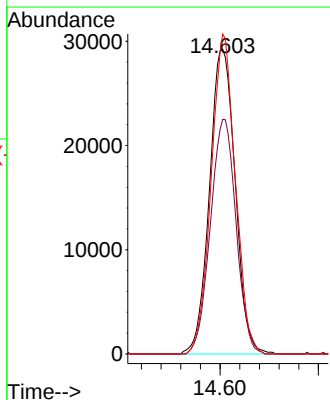
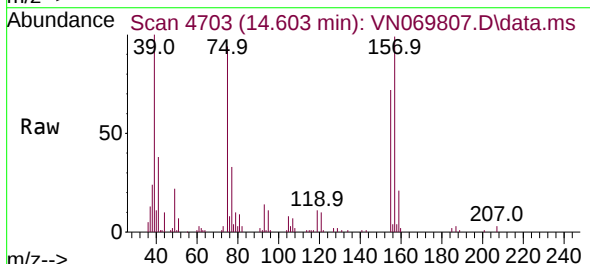
Manual Integrations
APPROVED

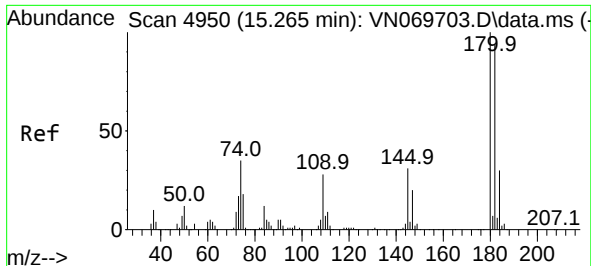
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.082 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

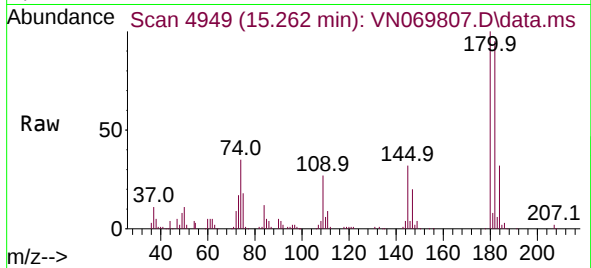
Tgt Ion: 75 Resp: 53140
Ion Ratio Lower Upper
75 100
155 76.7 46.9 140.7
157 98.4 60.6 181.7





#93
 1,2,4-Trichlorobenzene
 Concen: 16.561 ug/l
 RT: 15.262 min Scan# 4950
 Delta R.T. -0.003 min
 Lab File: VN069807.D
 Acq: 7 Dec 2021 12:00

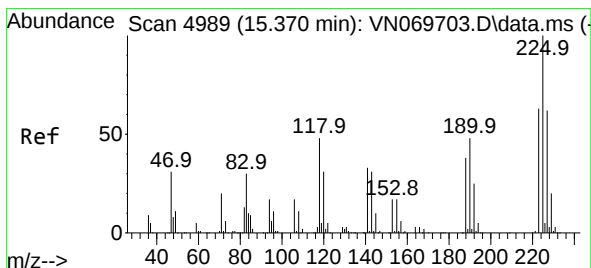
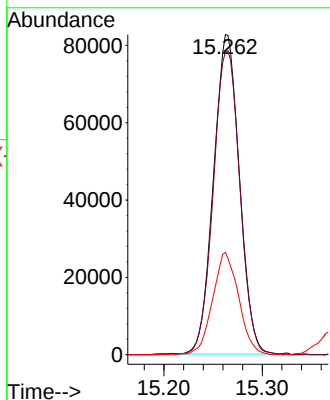
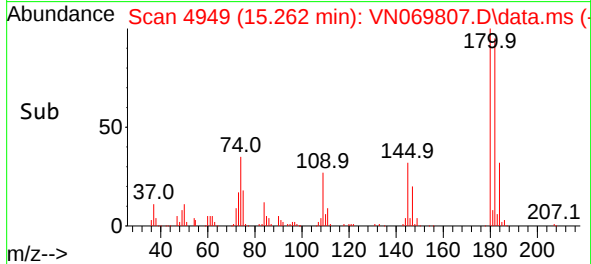
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBSD01



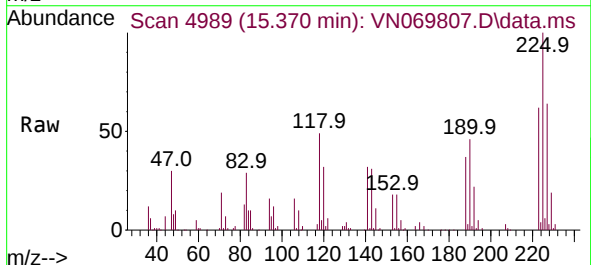
Tgt Ion:180 Resp: 150969
 Ion Ratio Lower Upper
 180 100
 182 97.7 48.3 144.9
 145 32.1 14.5 43.5

Manual Integrations
 APPROVED

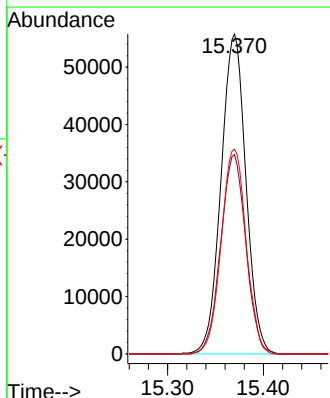
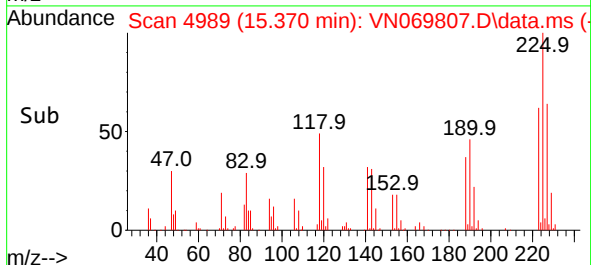
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021

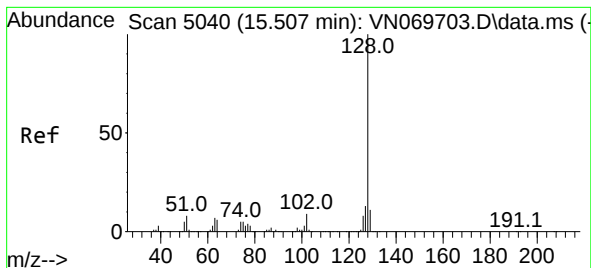


#94
 Hexachlorobutadiene
 Concen: 17.887 ug/l
 RT: 15.370 min Scan# 4989
 Delta R.T. 0.000 min
 Lab File: VN069807.D
 Acq: 7 Dec 2021 12:00



Tgt Ion:225 Resp: 100503
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.9 95.7
 227 64.2 32.1 96.3





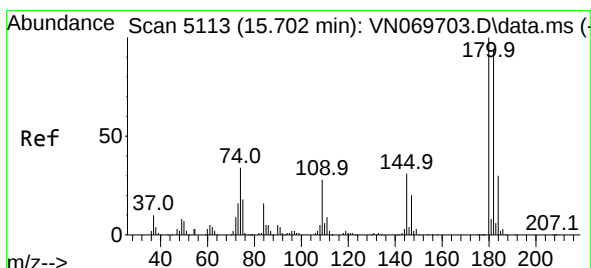
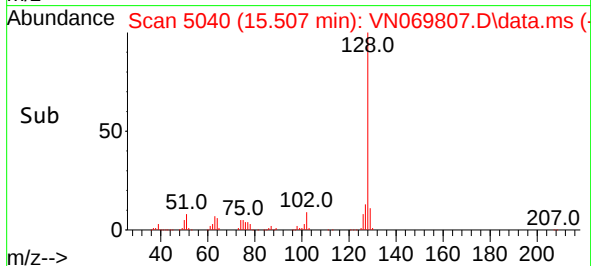
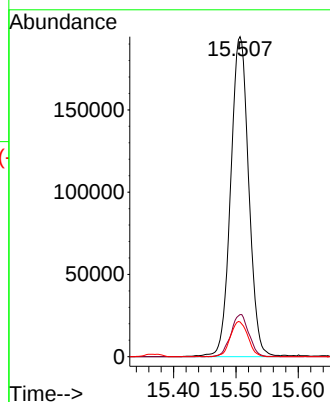
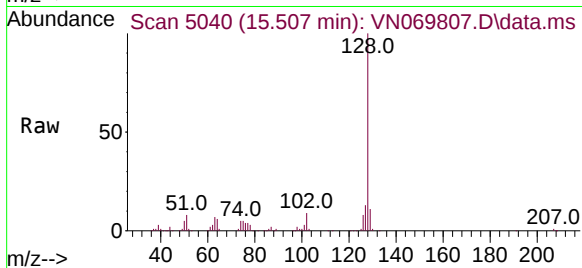
#95
Naphthalene
Concen: 15.606 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion:128 Resp: 391088
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#96
1,2,3-Trichlorobenzene
Concen: 16.633 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069807.D
Acq: 7 Dec 2021 12:00

Tgt Ion:180 Resp: 151244
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.2
145 32.3 15.0 45.1

