

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069514.D
 Acq On : 16 Nov 2021 17:41
 Operator : JC/MD
 Sample : VN1116WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 00:57:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1086138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1839133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1668465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	696896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	803929	51.048	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.100%			
35) Dibromofluoromethane	8.021	113	564996	51.222	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.440%			
50) Toluene-d8	10.440	98	2182572	50.310	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.620%			
62) 4-Bromofluorobenzene	12.731	95	756528	47.470	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	206897	17.830	ug/l	99
3) Chloromethane	2.303	50	230893	17.158	ug/l	98
4) Vinyl Chloride	2.445	62	233626	17.338	ug/l	100
5) Bromomethane	2.858	94	147059	16.805	ug/l	99
6) Chloroethane	3.022	64	154394	16.976	ug/l	97
7) Trichlorofluoromethane	3.376	101	357074	17.146	ug/l	96
8) Diethyl Ether	3.821	74	124661	18.502	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.210	101	182470	18.601	ug/l	95
10) Methyl Iodide	4.417	142	217631	18.088	ug/l	97
11) Tert butyl alcohol	5.380	59	254469	89.671	ug/l #	84
12) 1,1-Dichloroethene	4.178	96	157930	17.940	ug/l	89
13) Acrolein	4.041	56	27596	63.746	ug/l	94
14) Allyl chloride	4.840	41	344610	17.706	ug/l	95
15) Acrylonitrile	5.557	53	709401	97.618	ug/l	99
16) Acetone	4.291	43	757452	89.144	ug/l	98
17) Carbon Disulfide	4.524	76	291192	13.994	ug/l	97
18) Methyl Acetate	4.857	43	515600	18.667	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	717700	19.264	ug/l	97
20) Methylene Chloride	5.095	84	215973	17.925	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	178167	18.120	ug/l	89
22) Diisopropyl ether	6.498	45	817272	19.494	ug/l	96
23) Vinyl Acetate	6.434	43	3071438	94.720	ug/l	95
24) 1,1-Dichloroethane	6.388	63	408388	19.124	ug/l	99
25) 2-Butanone	7.337	43	1080394	93.902	ug/l	92
26) 2,2-Dichloropropane	7.327	77	290861	17.409	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	234702	19.256	ug/l	89
28) Bromochloromethane	7.659	49	218867	20.014	ug/l #	81
29) Tetrahydrofuran	7.686	42	700702	99.240	ug/l	90
30) Chloroform	7.817	83	424185	19.376	ug/l	100
31) Cyclohexane	8.094	56	378130	17.575	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	341503	18.688	ug/l	96
36) 1,1-Dichloropropene	8.220	75	282650	18.265	ug/l	96
37) Ethyl Acetate	7.415	43	421006	20.125	ug/l	95
38) Carbon Tetrachloride	8.206	117	267531	17.907	ug/l	97
39) Methylcyclohexane	9.461	83	330749	17.181	ug/l	92
40) Benzene	8.461	78	909879	19.049	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	207104	19.160	ug/l	90
42) 1,2-Dichloroethane	8.531	62	370239	19.795	ug/l	97
43) Isopropyl Acetate	8.563	43	651797	19.398	ug/l	94
44) Trichloroethene	9.217	130	213129	18.643	ug/l	93
45) 1,2-Dichloropropane	9.488	63	253052	19.829	ug/l	99
46) Dibromomethane	9.577	93	161369	18.878	ug/l	92
47) Bromodichloromethane	9.762	83	295574	18.530	ug/l	95
48) Methyl methacrylate	9.561	41	295751	18.709	ug/l	88
49) 1,4-Dioxane	9.569	88	105823	363.651	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	2155949	99.406	ug/l	95
52) Toluene	10.505	92	568257	19.096	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	290937	16.689	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	330348	17.163	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	236736	19.735	ug/l	99
56) Ethyl methacrylate	10.762	69	380799	18.206	ug/l	88
57) 1,3-Dichloropropane	11.044	76	401493	19.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	424620	89.168	ug/l	92
59) 2-Hexanone	11.084	43	1539214	89.325	ug/l	93
60) Dibromochloromethane	11.240	129	201900	17.011	ug/l	99
61) 1,2-Dibromoethane	11.344	107	231494	17.990	ug/l	99
64) Tetrachloroethene	10.977	164	195218	19.378	ug/l	95
65) Chlorobenzene	11.771	112	610885	19.671	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	212057	19.686	ug/l	98
67) Ethyl Benzene	11.846	91	1105292	19.297	ug/l	96
68) m/p-Xylenes	11.953	106	806363	38.278	ug/l	94
69) o-Xylene	12.280	106	403676	19.222	ug/l	92
70) Styrene	12.294	104	652372	18.296	ug/l	96
71) Bromoform	12.457	173	133927	16.765	ug/l #	99
73) Isopropylbenzene	12.578	105	1065020	19.194	ug/l	99
74) N-amyl acetate	12.388	43	444010	18.882	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	373470	19.956	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	318122m	19.780	ug/l	
77) Bromobenzene	12.860	156	246445	19.420	ug/l	81
78) n-propylbenzene	12.921	91	1177938	18.866	ug/l	96
79) 2-Chlorotoluene	13.007	91	737276	19.072	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	868879	19.370	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	70390	17.307	ug/l #	77
82) 4-Chlorotoluene	13.106	91	688875	18.693	ug/l	93
83) tert-Butylbenzene	13.324	119	777072	19.768	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	844803	19.508	ug/l	97
85) sec-Butylbenzene	13.501	105	1042565	18.986	ug/l	97
86) p-Isopropyltoluene	13.616	119	820800	18.830	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	414391	18.835	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	398524	18.464	ug/l	97
89) n-Butylbenzene	13.943	91	629057	17.305	ug/l	98
90) Hexachloroethane	14.211	117	126039	17.212	ug/l	85
91) 1,2-Dichlorobenzene	13.989	146	409564	19.563	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	58513	18.010	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	160701	16.851	ug/l	99
94) Hexachlorobutadiene	15.370	225	102707	18.881	ug/l	99
95) Naphthalene	15.507	128	418736	16.781	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	160958	17.541	ug/l	97

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ClientSampleId :
VN1116WBSD01

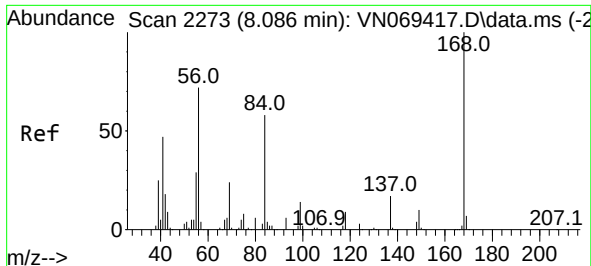
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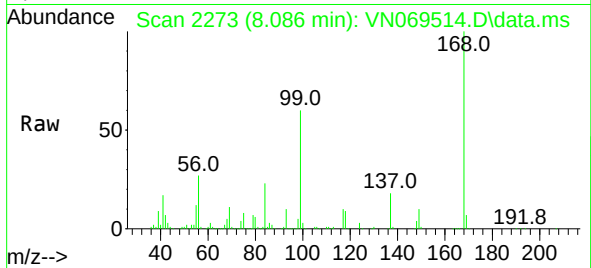
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
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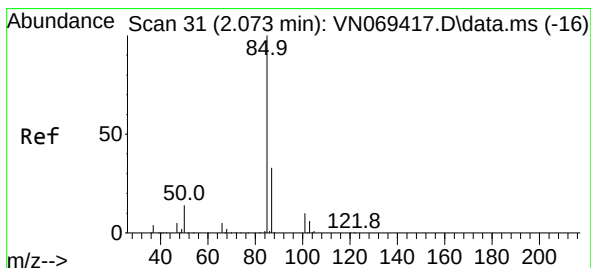
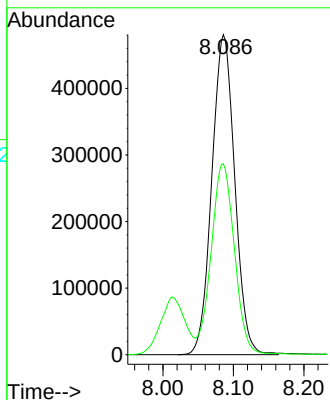
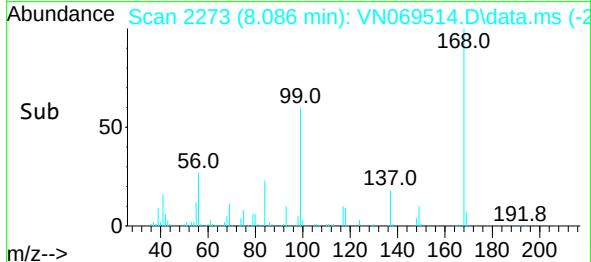
Instrument :
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Tgt Ion:168 Resp: 1086138
Ion Ratio Lower Upper
168 100
99 59.3 41.3 61.9

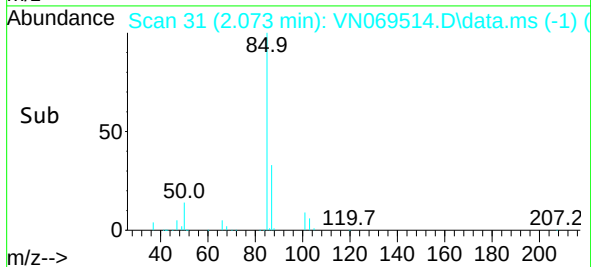
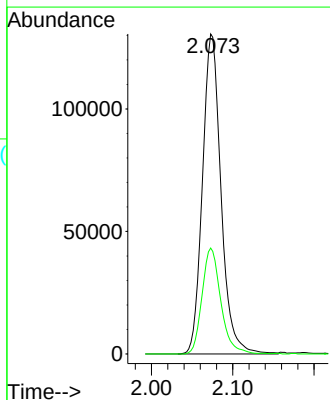
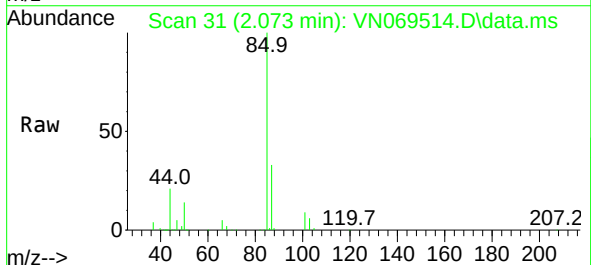
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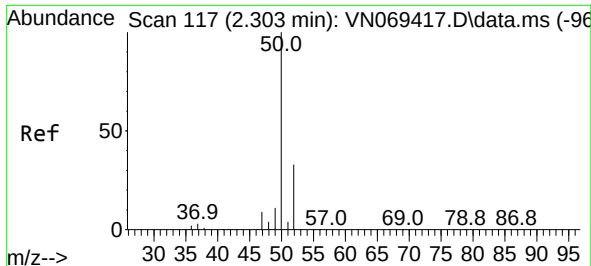
Reviewed By :John Carlone 11/17/2021
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#2
Dichlorodifluoromethane
Concen: 17.830 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

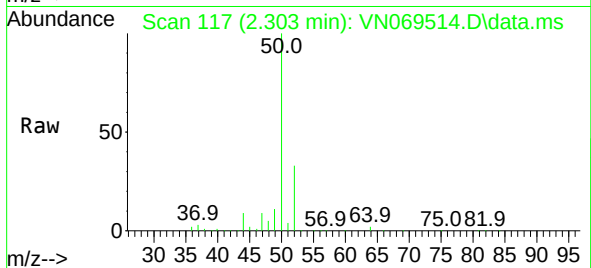
Tgt Ion: 85 Resp: 206897
Ion Ratio Lower Upper
85 100
87 33.1 16.3 48.9





#3
Chloromethane
Concen: 17.158 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

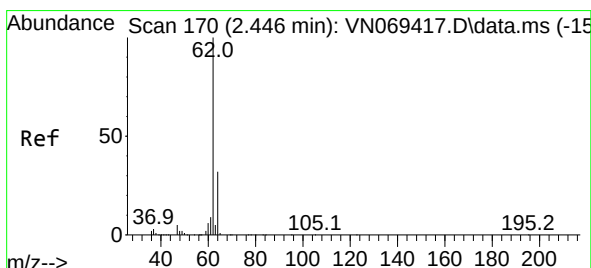
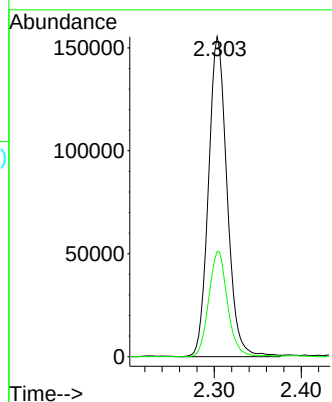
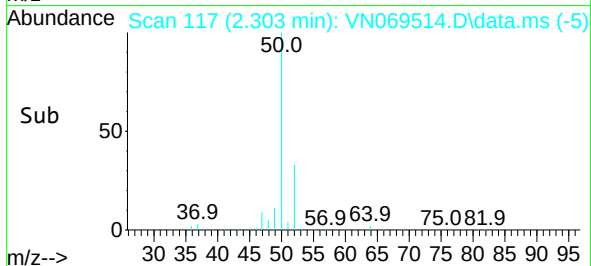
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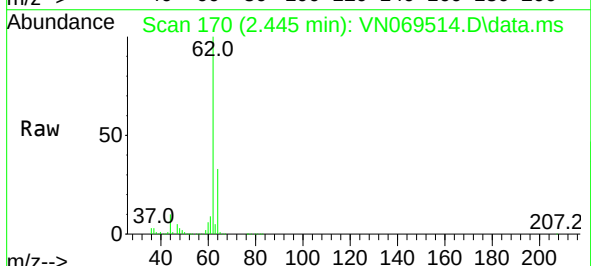
Tgt Ion: 50 Resp: 23089
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.0

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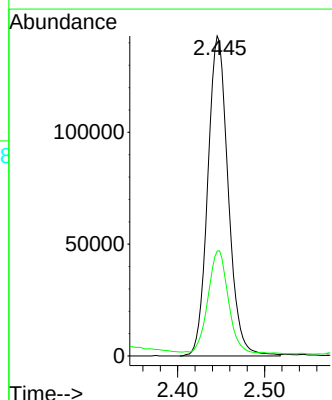
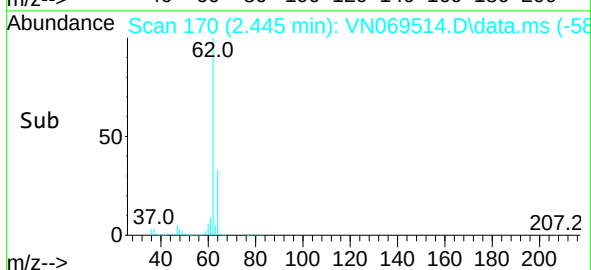
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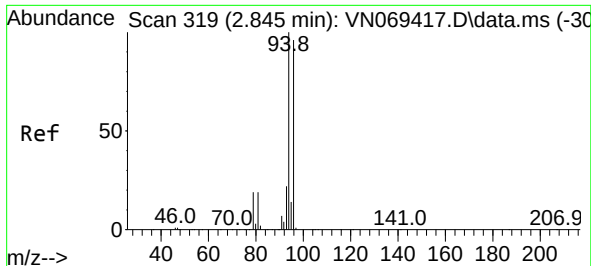


#4
Vinyl Chloride
Concen: 17.338 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41



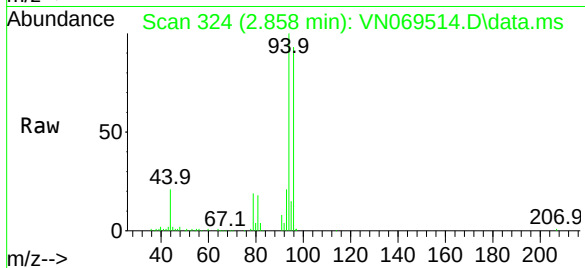
Tgt Ion: 62 Resp: 233626
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6





#5
Bromomethane
Concen: 16.805 ug/l
RT: 2.858 min Scan# 319
Delta R.T. 0.013 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

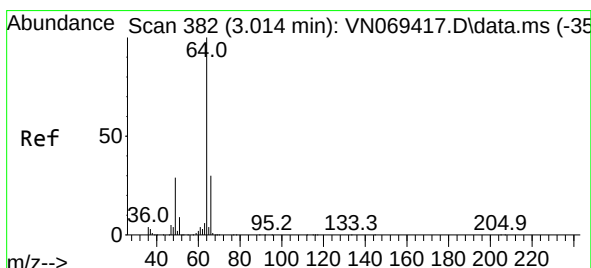
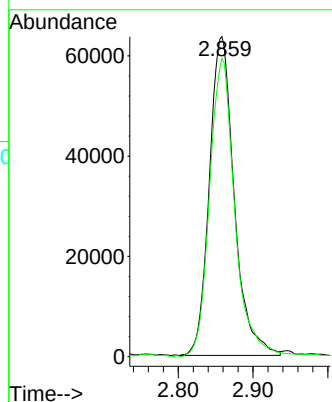
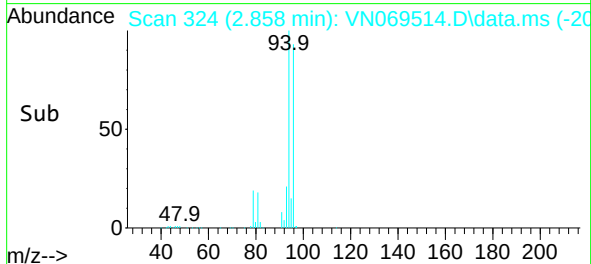
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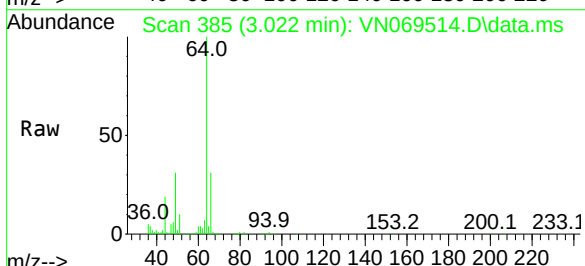
Tgt Ion: 94 Resp: 147059
Ion Ratio Lower Upper
94 100
96 93.5 73.8 110.8

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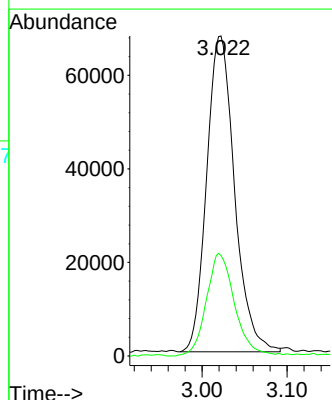
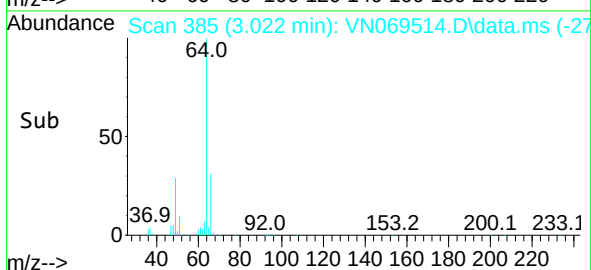
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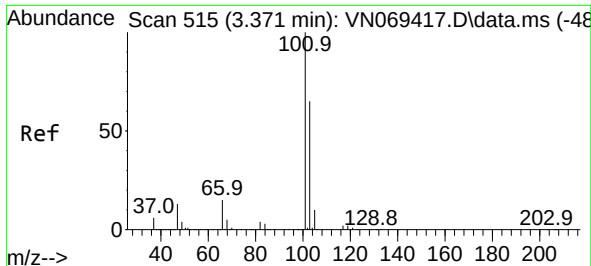


#6
Chloroethane
Concen: 16.976 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.008 min
Lab File: VN069514.D
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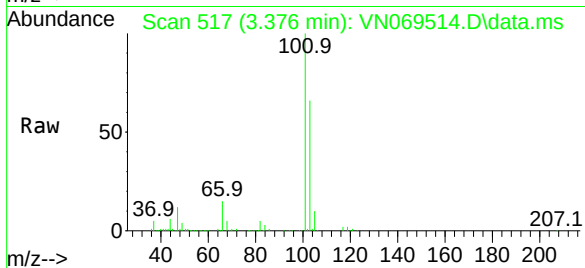
Tgt Ion: 64 Resp: 154394
Ion Ratio Lower Upper
64 100
66 31.5 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 17.146 ug/l
 RT: 3.376 min Scan# 515
 Delta R.T. 0.005 min
 Lab File: VN069514.D
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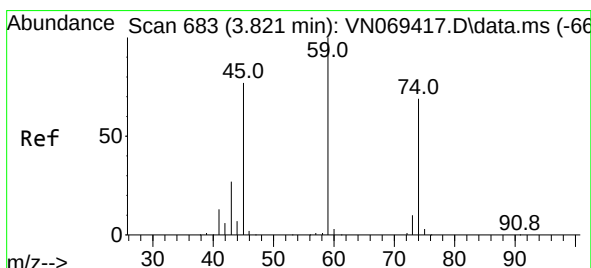
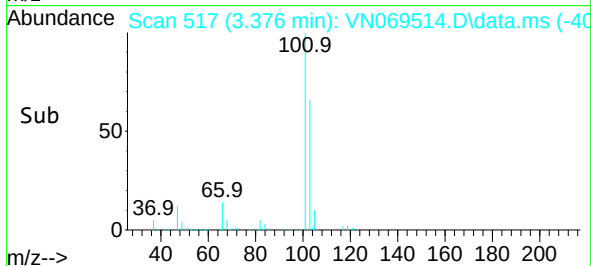
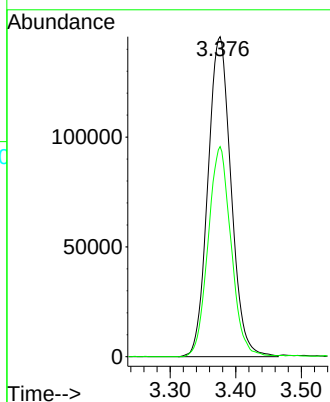
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Tgt Ion:101 Resp: 357074
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.1 75.1

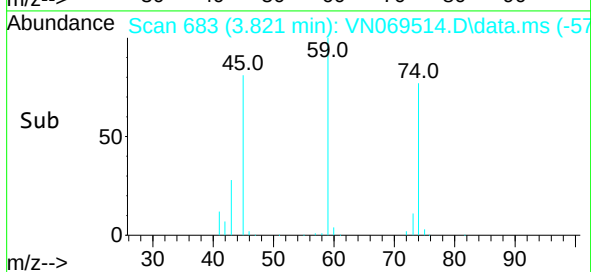
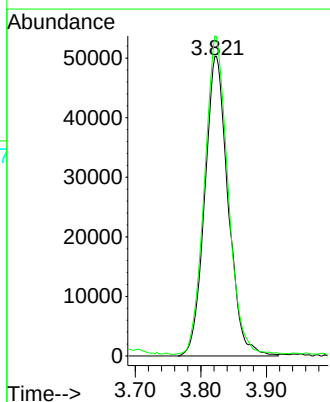
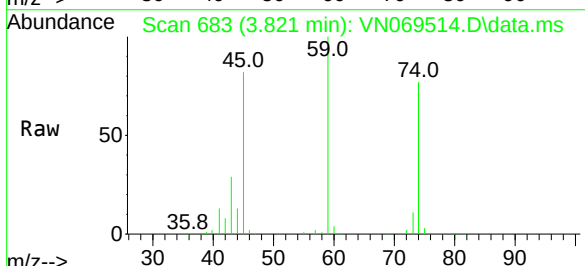
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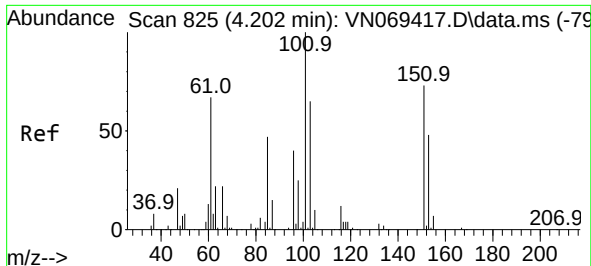
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#8
 Diethyl Ether
 Concen: 18.502 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 124661
 Ion Ratio Lower Upper
 74 100
 45 106.4 47.0 141.2





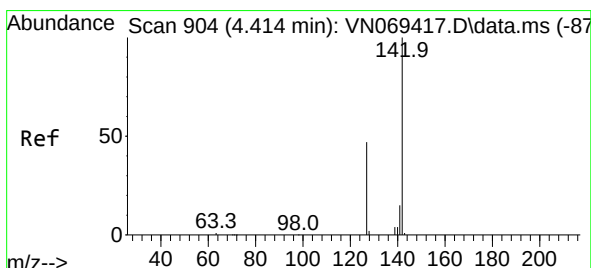
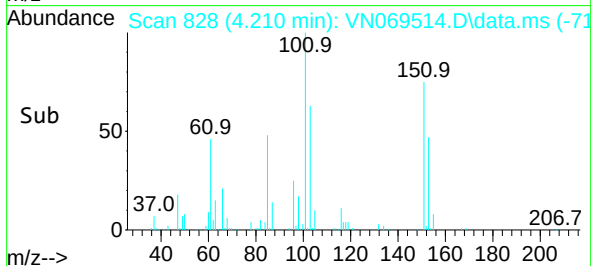
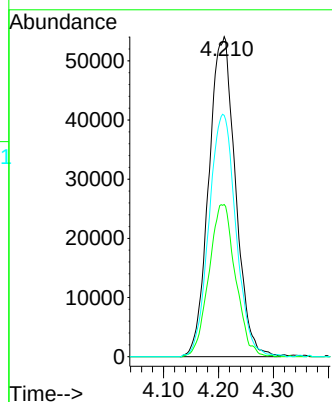
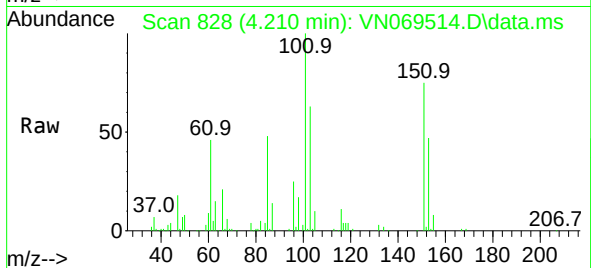
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.601 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion:101 Resp: 182470
Ion Ratio Lower Upper
101 100
85 47.3 37.2 55.8
151 76.4 65.9 98.9

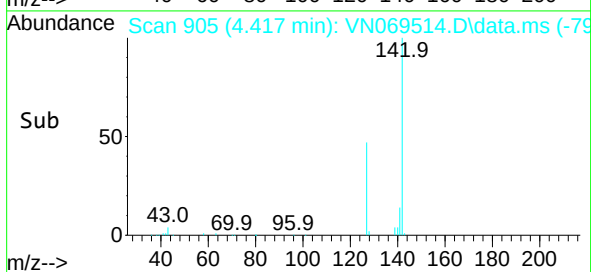
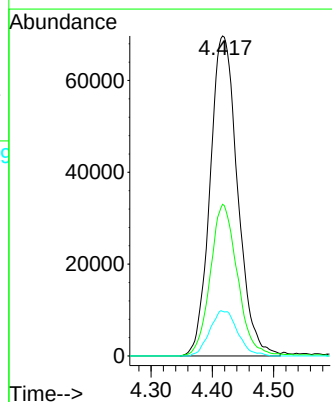
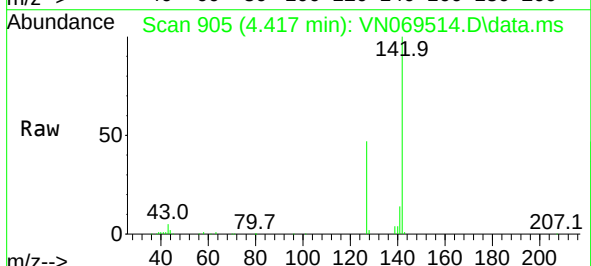
Manual Integrations
APPROVED

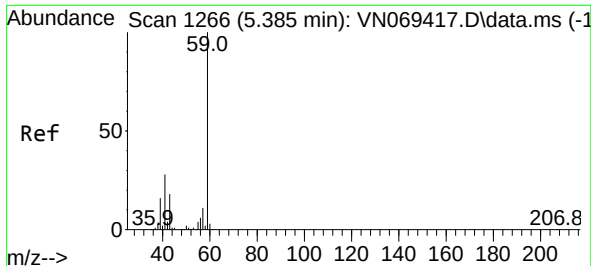
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 18.088 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

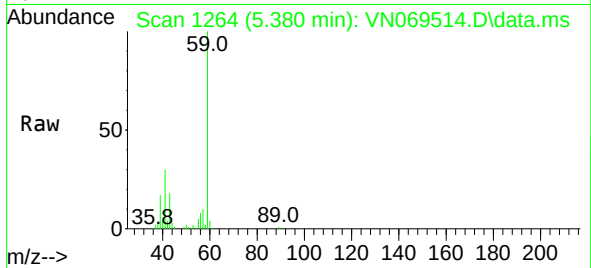
Tgt Ion:142 Resp: 217631
Ion Ratio Lower Upper
142 100
127 46.7 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 89.671 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

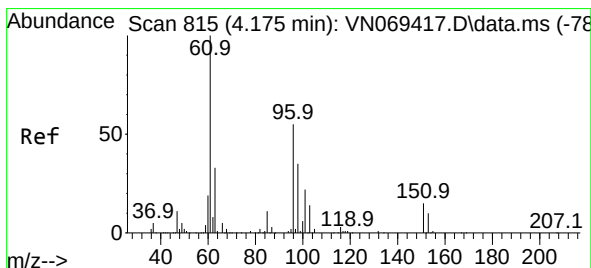
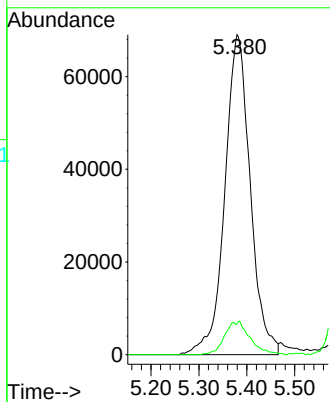
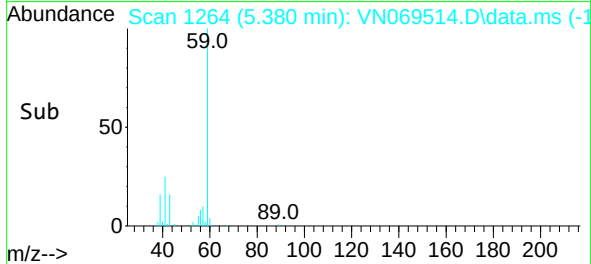
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



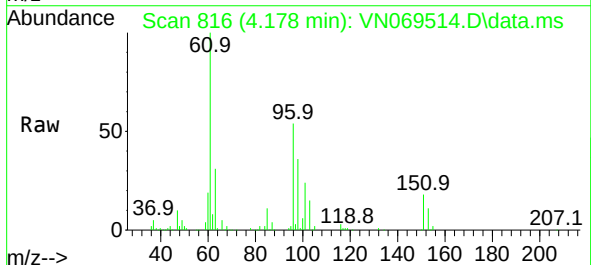
Tgt Ion: 59 Resp: 254469
Ion Ratio Lower Upper
59 100
57 4.8 8.7 13.1

Manual Integrations
APPROVED

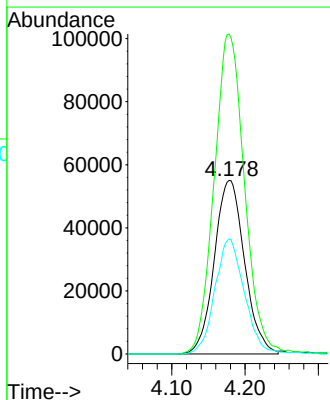
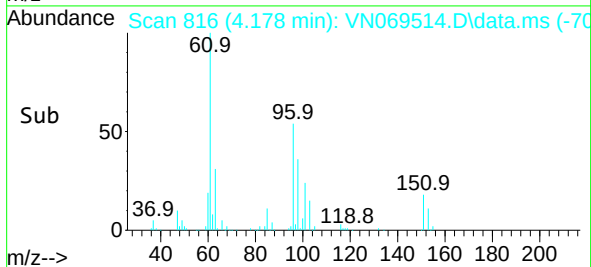
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

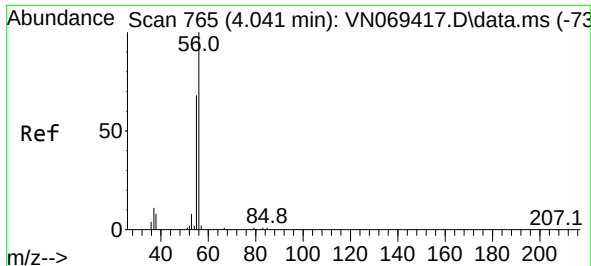


#12
1,1-Dichloroethene
Concen: 17.940 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41



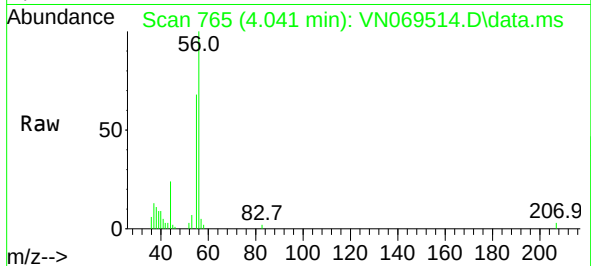
Tgt Ion: 96 Resp: 157930
Ion Ratio Lower Upper
96 100
61 184.4 131.0 196.6
98 66.3 52.4 78.6





#13
Acrolein
Concen: 63.746 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

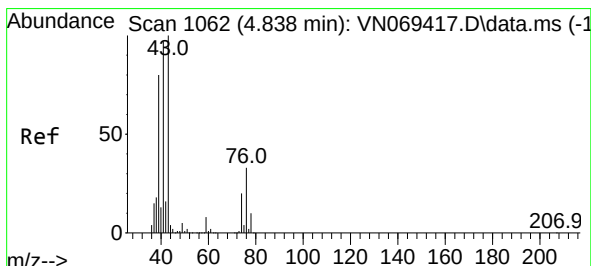
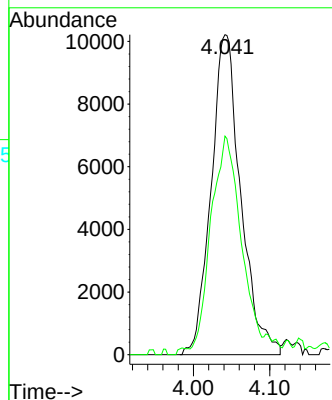
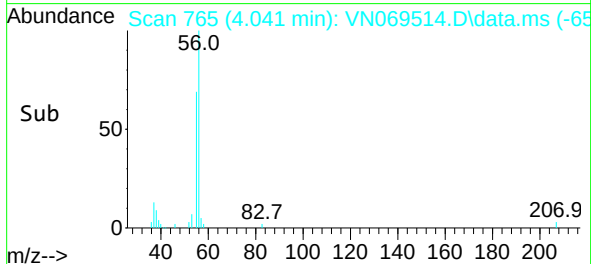
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



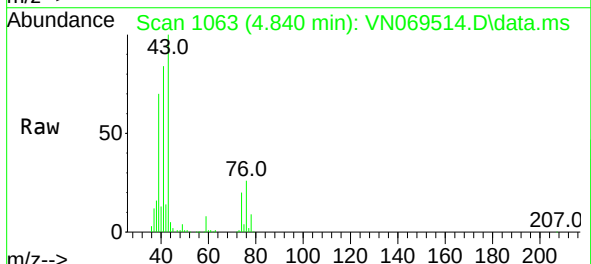
Tgt Ion: 56 Resp: 27590
Ion Ratio Lower Upper
56 100
55 65.7 56.6 85.0

Manual Integrations
APPROVED

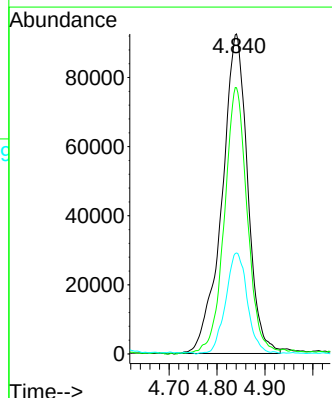
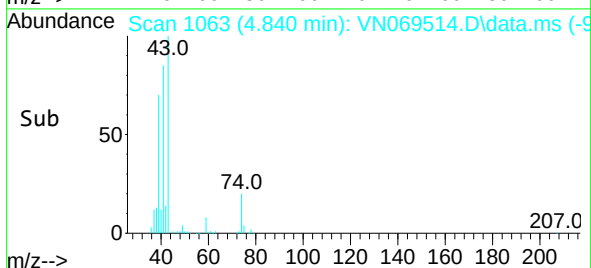
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

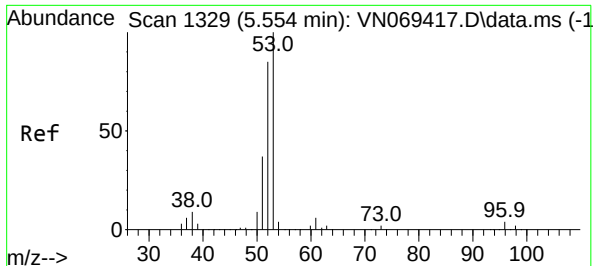


#14
Allyl chloride
Concen: 17.706 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41



Tgt Ion: 41 Resp: 344610
Ion Ratio Lower Upper
41 100
39 73.8 61.2 91.8
76 26.7 26.0 39.0





#15

Acrylonitrile

Concen: 97.618 ug/l

RT: 5.557 min Scan# 11

Delta R.T. 0.003 min

Lab File: VN069514.D

Acq: 16 Nov 2021 17:41

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tgt Ion: 53 Resp: 70940

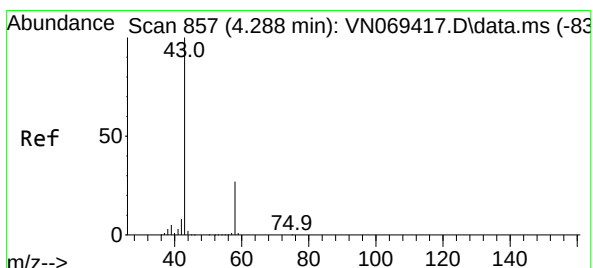
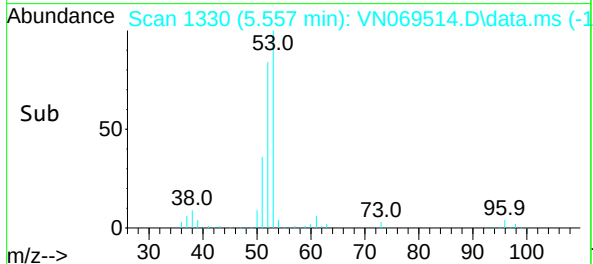
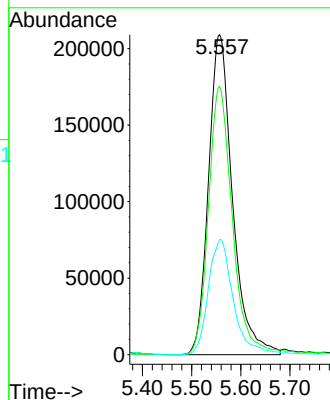
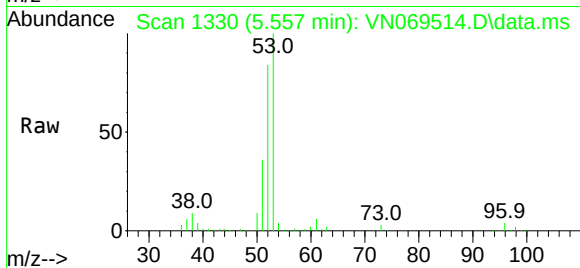
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.2	99.2
51	37.5	29.6	44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#16

Acetone

Concen: 89.144 ug/l

RT: 4.291 min Scan# 858

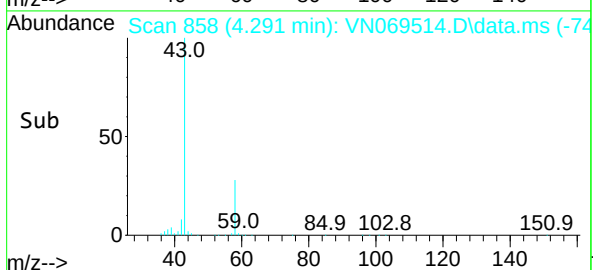
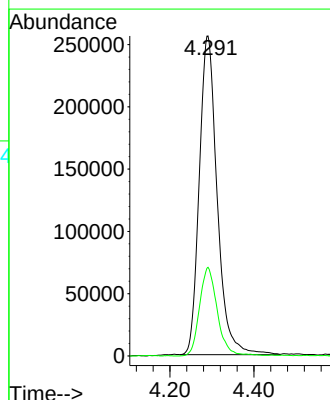
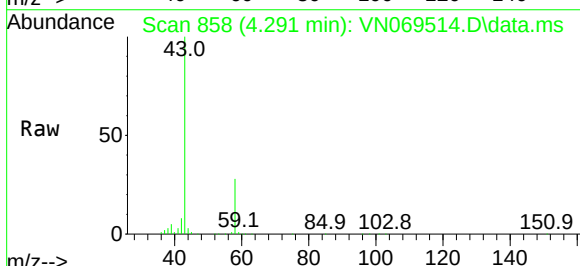
Delta R.T. 0.003 min

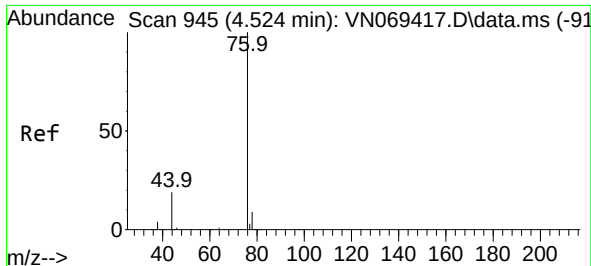
Lab File: VN069514.D

Acq: 16 Nov 2021 17:41

Tgt Ion: 43 Resp: 757452

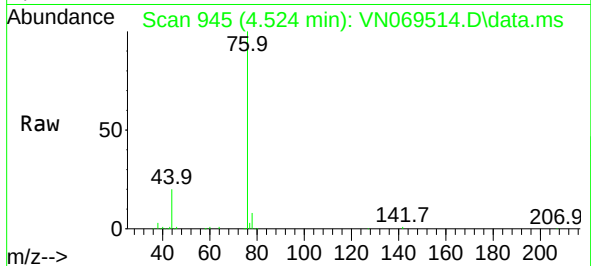
Ion	Ratio	Lower	Upper
43	100		
58	27.8	23.1	34.7





#17
Carbon Disulfide
Concen: 13.994 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

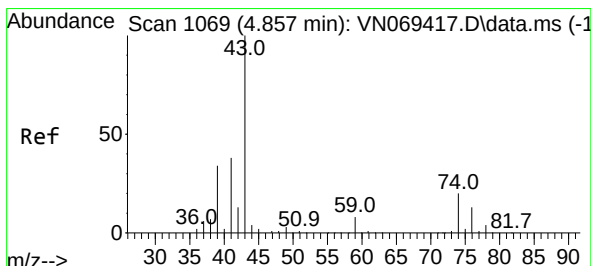
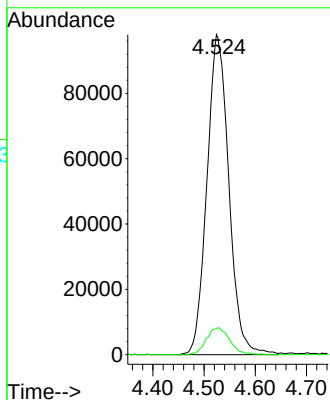
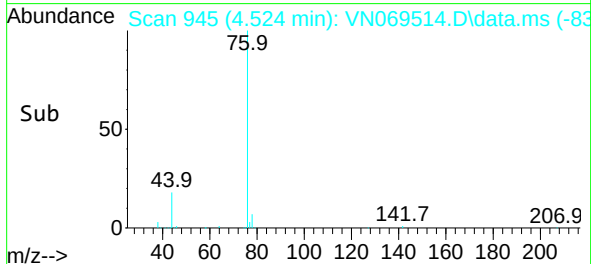
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



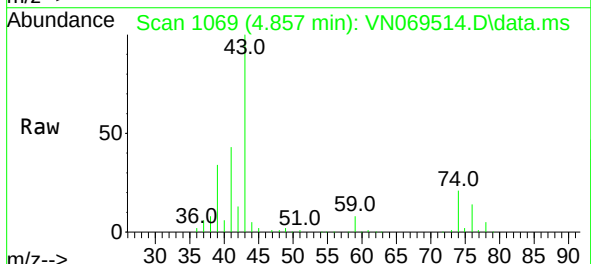
Tgt Ion: 76 Resp: 291192
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3

Manual Integrations
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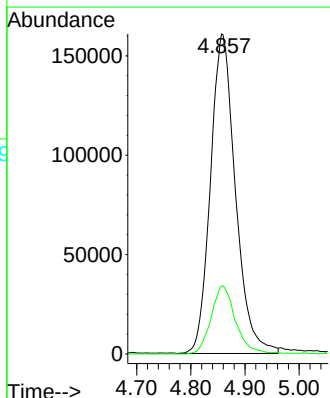
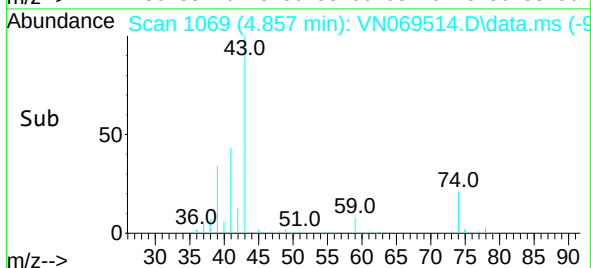
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

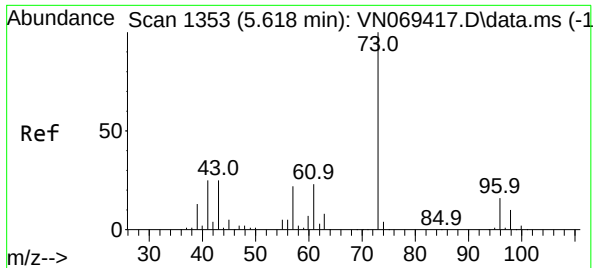


#18
Methyl Acetate
Concen: 18.667 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41



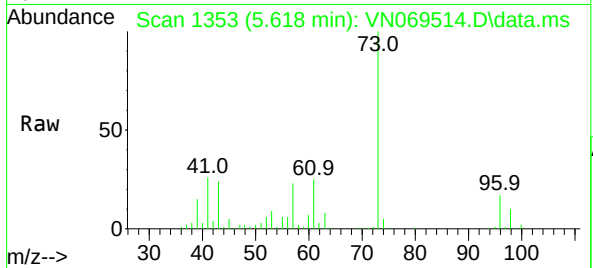
Tgt Ion: 43 Resp: 515600
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 19.264 ug/l
RT: 5.618 min Scan# 1153
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

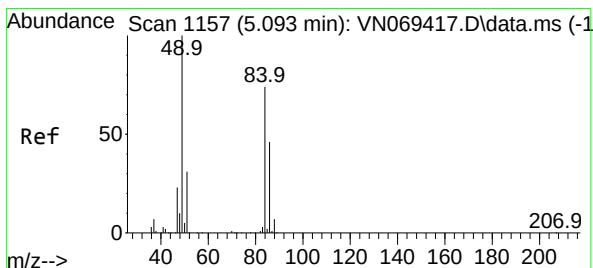
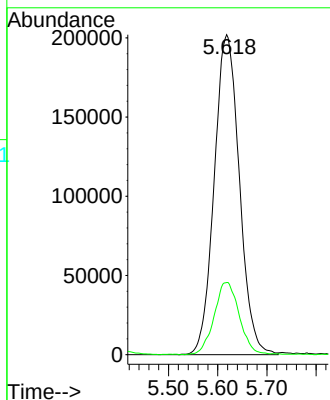
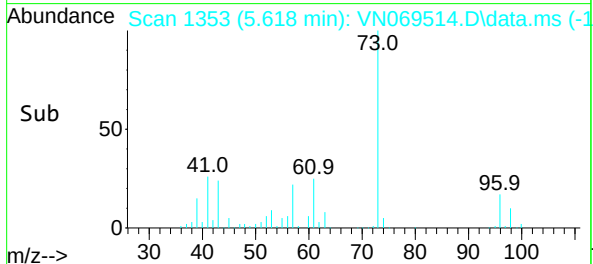
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



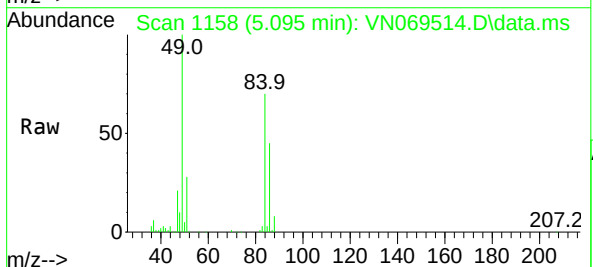
Tgt Ion: 73 Resp: 717700
Ion Ratio Lower Upper
73 100
57 22.4 16.8 25.2

Manual Integrations
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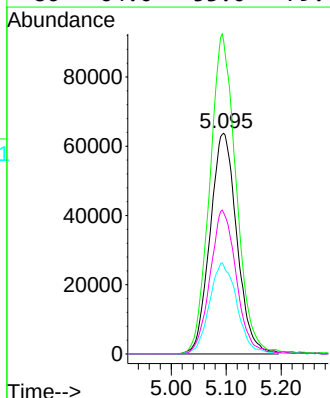
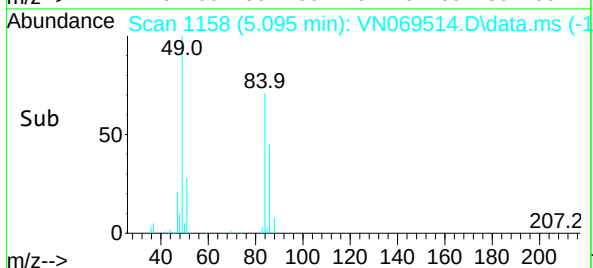
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

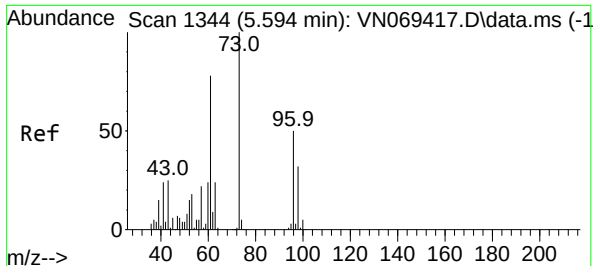


#20
Methylene Chloride
Concen: 17.925 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41



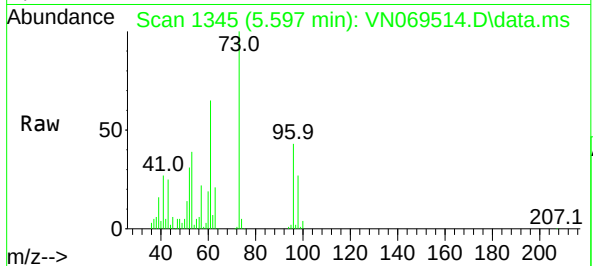
Tgt Ion: 84 Resp: 215973
Ion Ratio Lower Upper
84 100
49 141.9 93.5 140.3#
51 40.1 29.4 44.2
86 64.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.120 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

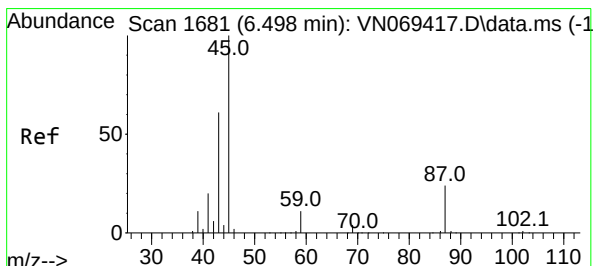
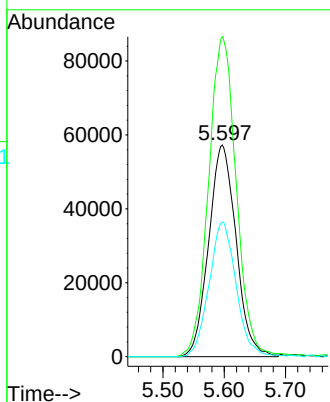
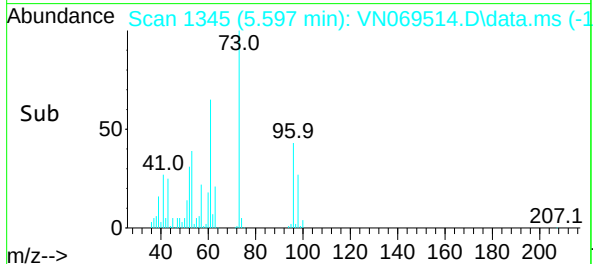
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 96 Resp: 17816
Ion Ratio Lower Upper
96 100
61 150.8 105.8 158.6
98 63.6 52.0 78.0

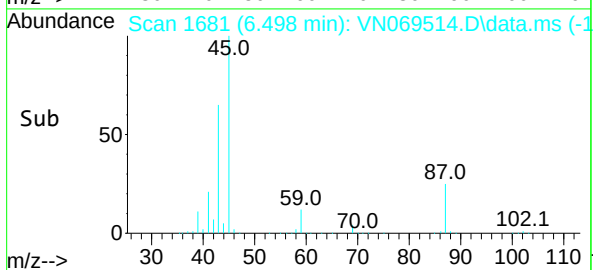
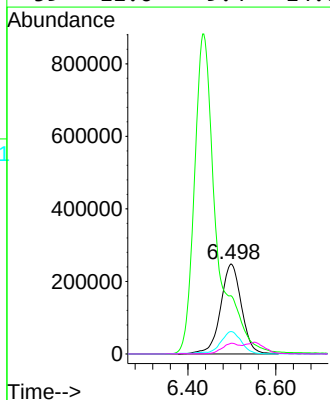
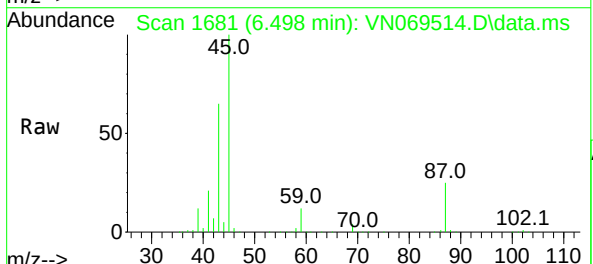
Manual Integrations
APPROVED

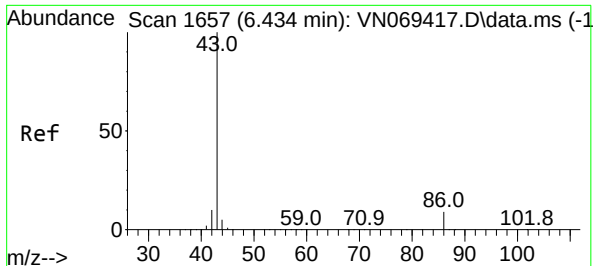
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#22
Diisopropyl ether
Concen: 19.494 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

Tgt Ion: 45 Resp: 817272
Ion Ratio Lower Upper
45 100
43 62.2 51.7 77.5
87 24.7 23.2 34.8
59 11.6 9.4 14.0





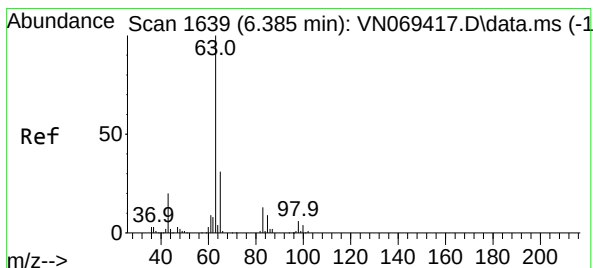
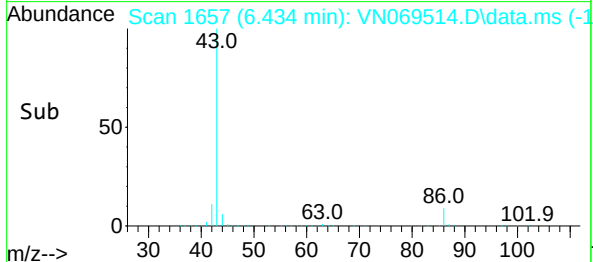
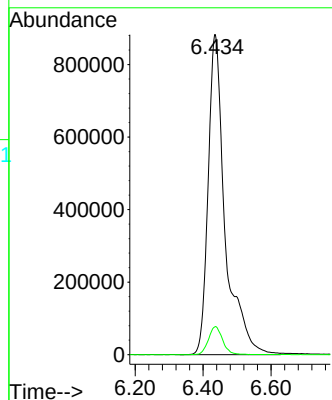
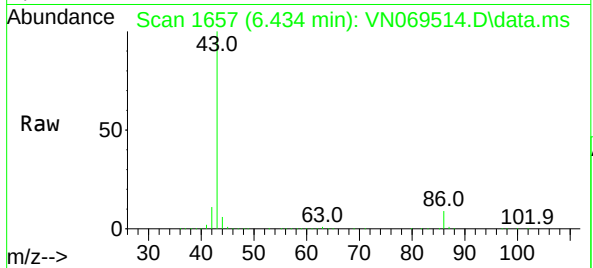
#23
 Vinyl Acetate
 Concen: 94.720 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: VN069514.D
 Acq: 16 Nov 2021 17:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Tgt Ion: 43 Resp: 3071438
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.5 12.7

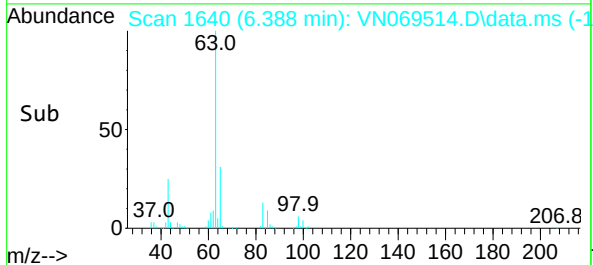
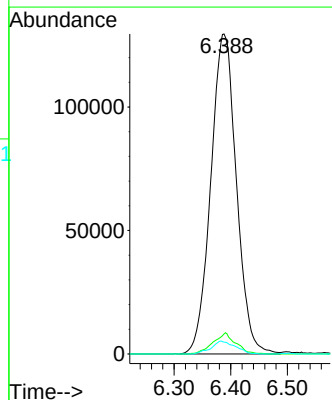
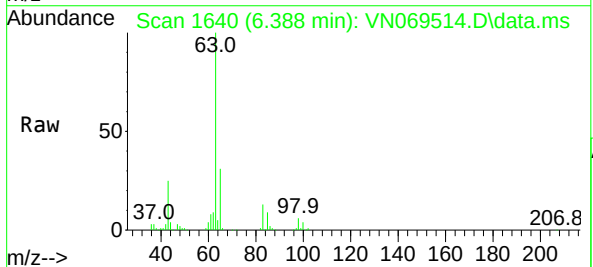
Manual Integrations
 APPROVED

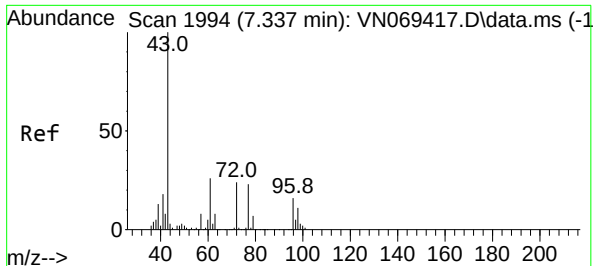
Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#24
 1,1-Dichloroethane
 Concen: 19.124 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN069514.D
 Acq: 16 Nov 2021 17:41

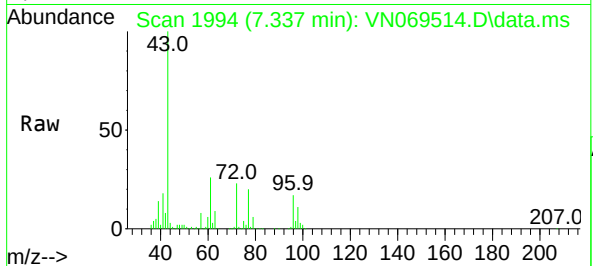
Tgt Ion: 63 Resp: 408388
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 3.7 2.1 6.5





#25
2-Butanone
Concen: 93.902 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

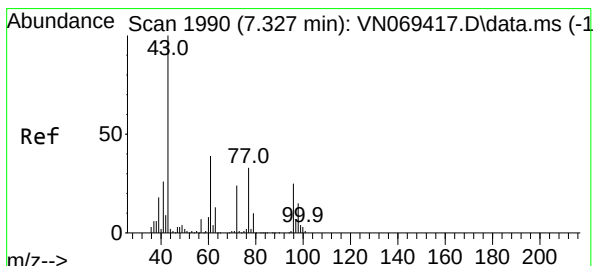
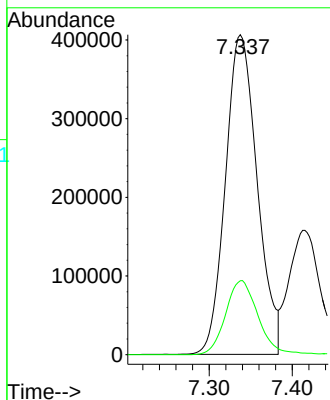
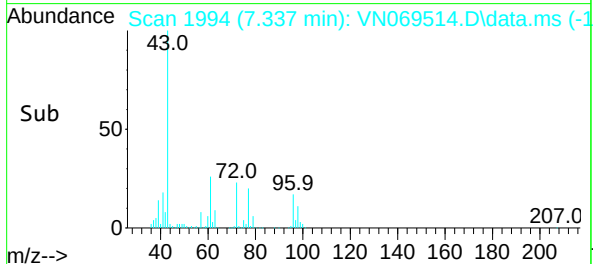
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 43 Resp: 1080394
Ion Ratio Lower Upper
43 100
72 23.1 21.7 32.5

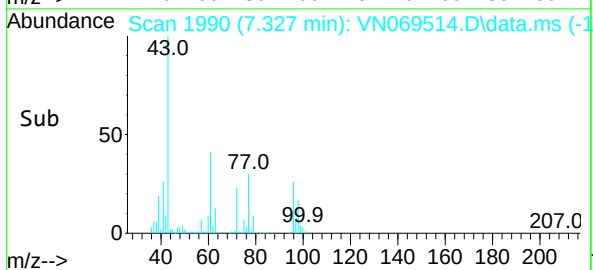
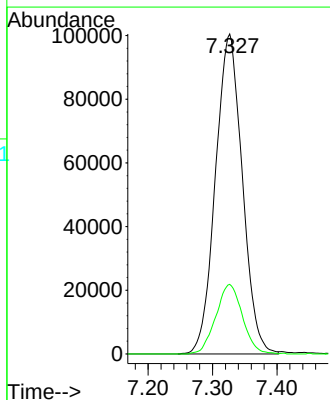
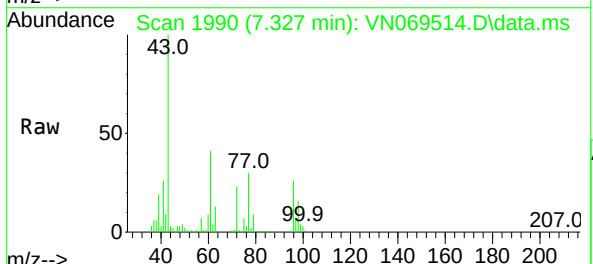
Manual Integrations
APPROVED

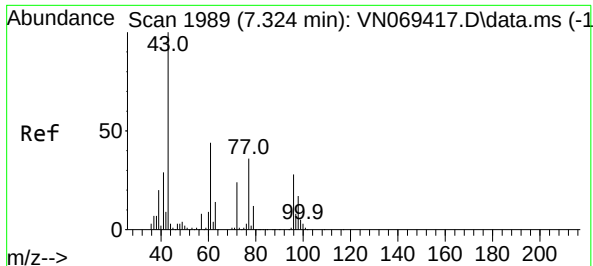
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#26
2,2-Dichloropropane
Concen: 17.409 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

Tgt Ion: 77 Resp: 290861
Ion Ratio Lower Upper
77 100
97 21.5 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 19.256 ug/l

RT: 7.327 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN069514.D

Acq: 16 Nov 2021 17:41

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tgt Ion: 96 Resp: 23470

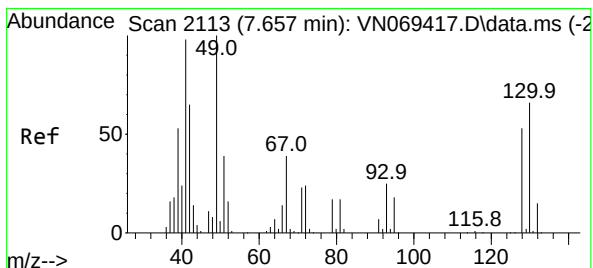
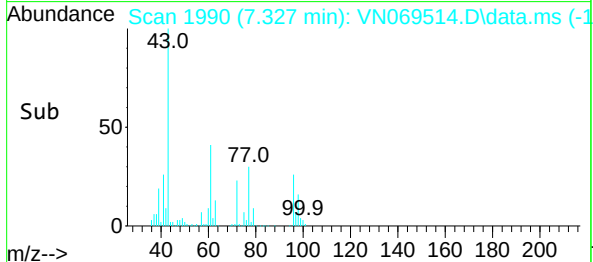
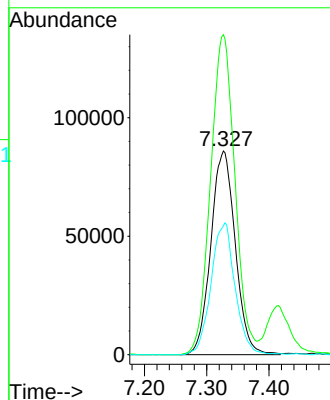
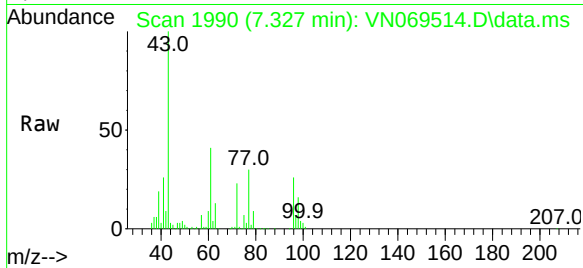
Ion	Ratio	Lower	Upper
96	100		
61	156.2	0.0	275.0
98	63.7	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#28

Bromochloromethane

Concen: 20.014 ug/l

RT: 7.659 min Scan# 2114

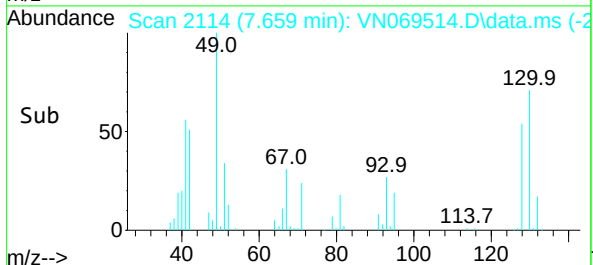
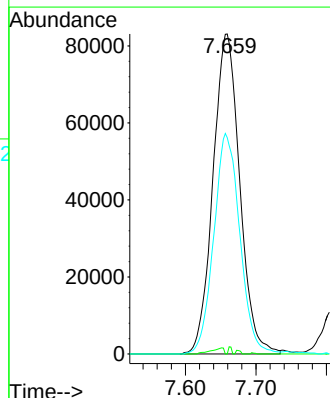
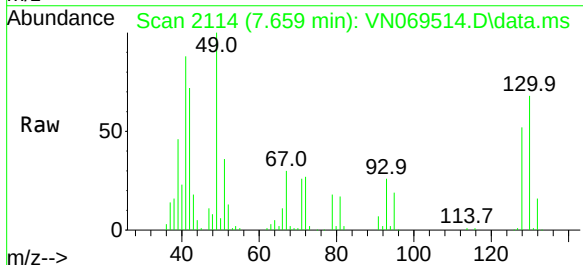
Delta R.T. 0.002 min

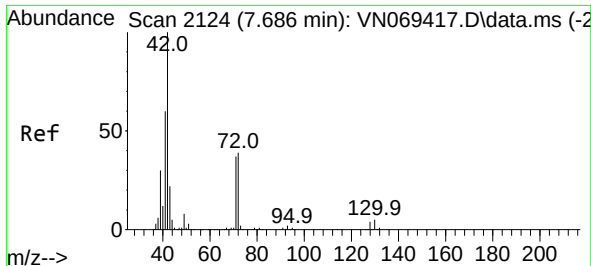
Lab File: VN069514.D

Acq: 16 Nov 2021 17:41

Tgt Ion: 49 Resp: 218867

Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	4.0
130	67.0	67.8	101.8





#29

Tetrahydrofuran

Concen: 99.240 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069514.D

Acq: 16 Nov 2021 17:41

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tgt Ion: 42 Resp: 70070

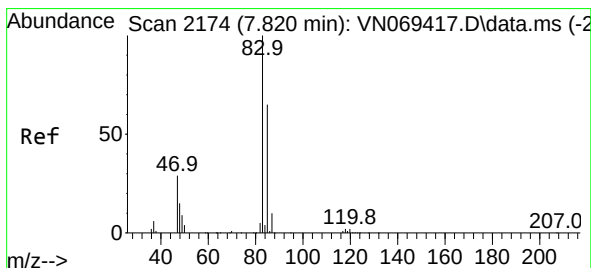
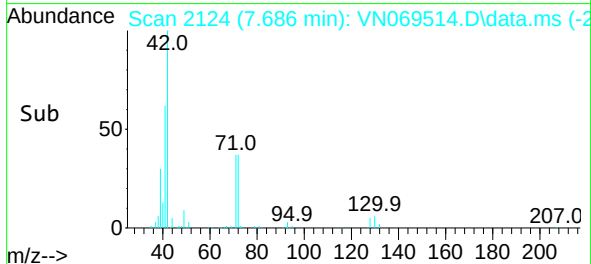
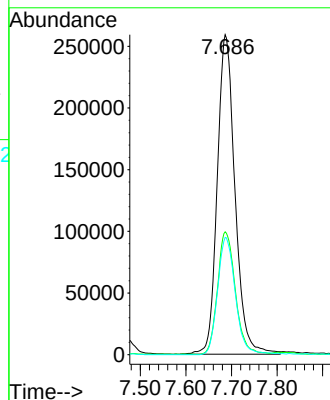
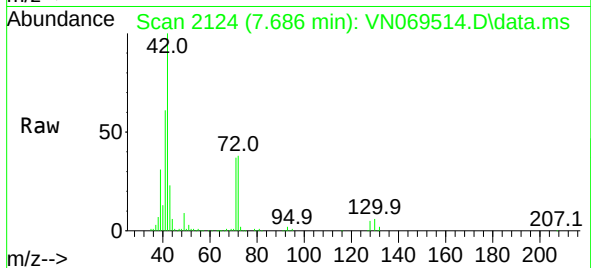
Ion	Ratio	Lower	Upper
42	100		
72	38.5	36.3	54.5
71	36.7	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#30

Chloroform

Concen: 19.376 ug/l

RT: 7.817 min Scan# 2173

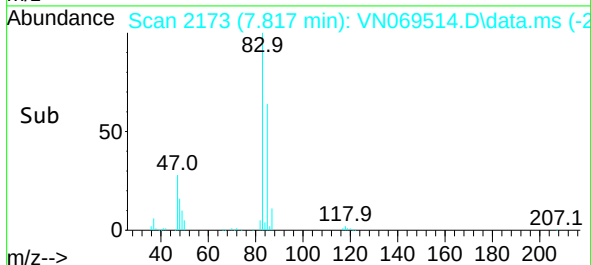
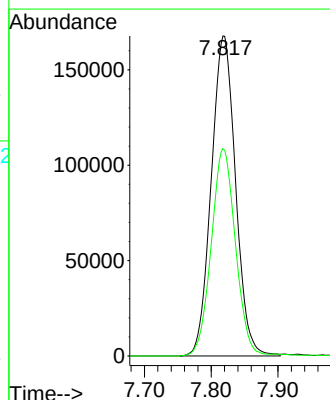
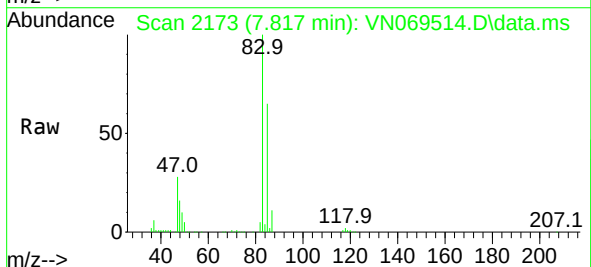
Delta R.T. -0.003 min

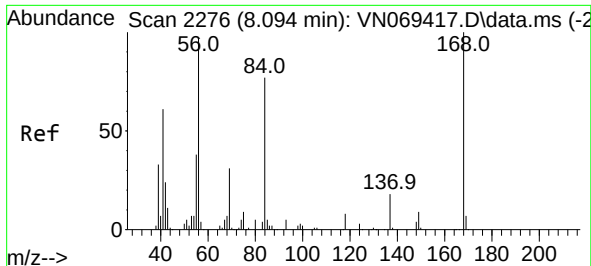
Lab File: VN069514.D

Acq: 16 Nov 2021 17:41

Tgt Ion: 83 Resp: 424185

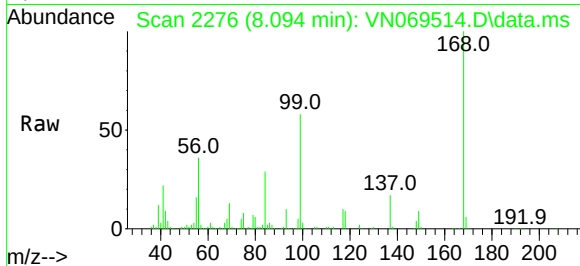
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.9	77.9





#31
Cyclohexane
Concen: 17.575 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

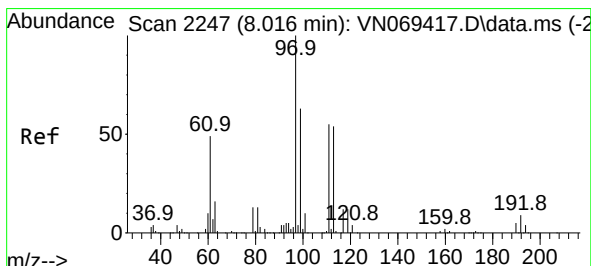
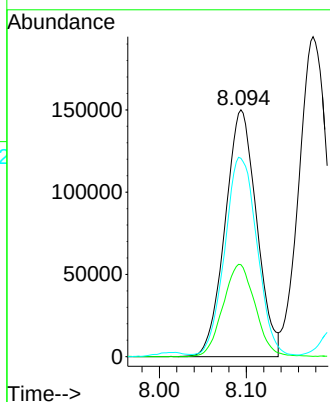
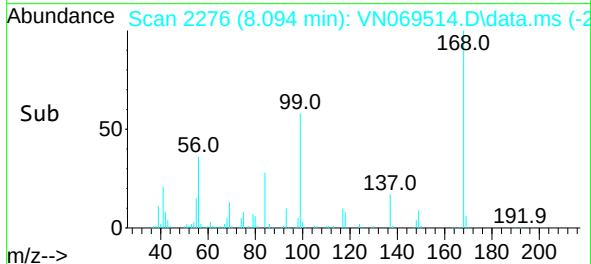
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



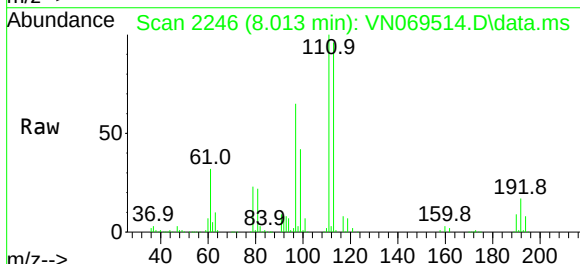
Tgt Ion: 56 Resp: 378130
Ion Ratio Lower Upper
56 100
69 37.2 27.1 40.7
84 78.7 73.4 110.0

Manual Integrations
APPROVED

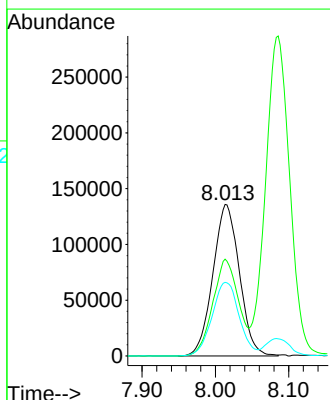
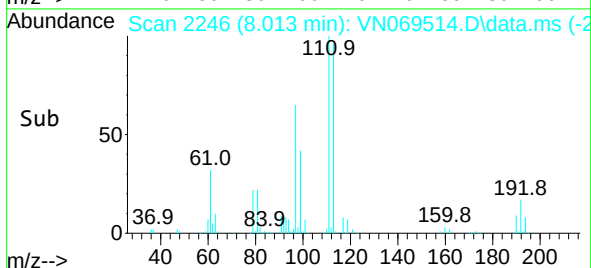
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

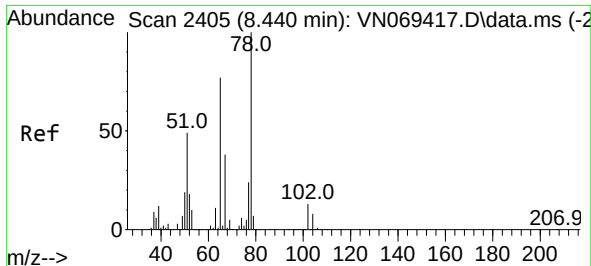


#32
1,1,1-Trichloroethane
Concen: 18.688 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41



Tgt Ion: 97 Resp: 341503
Ion Ratio Lower Upper
97 100
99 61.8 50.1 75.1
61 49.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.048 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069514.D

Acq: 16 Nov 2021 17:41

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tgt Ion: 65 Resp: 803929

Ion Ratio Lower Upper

65 100

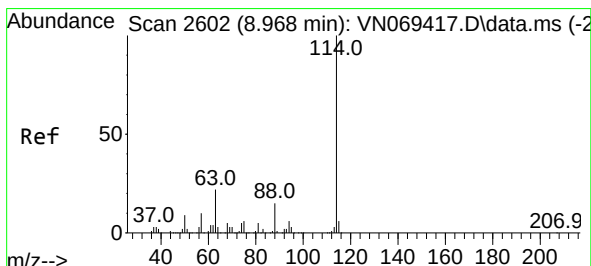
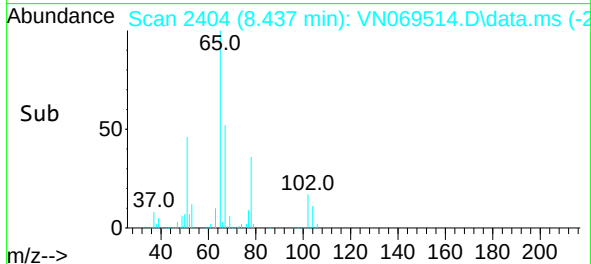
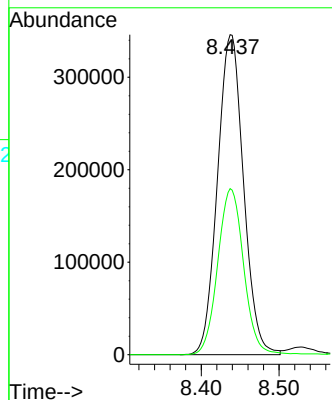
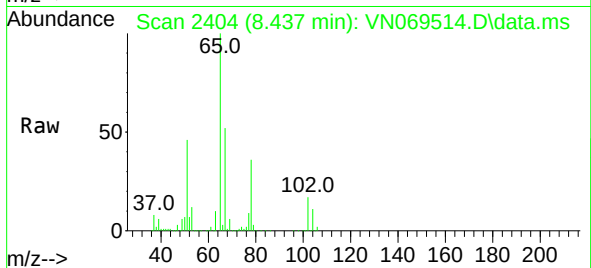
67 51.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069514.D

Acq: 16 Nov 2021 17:41

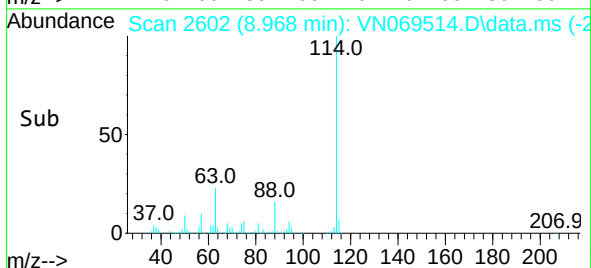
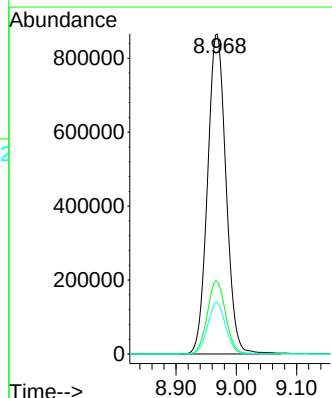
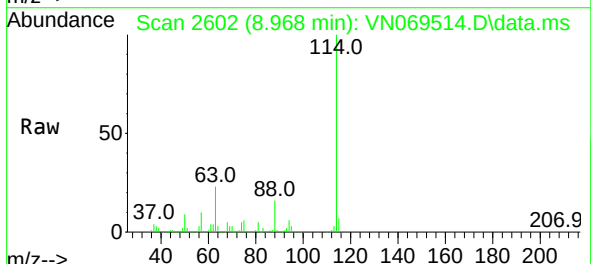
Tgt Ion:114 Resp: 1839133

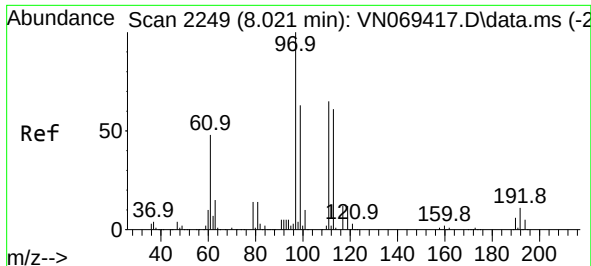
Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.8

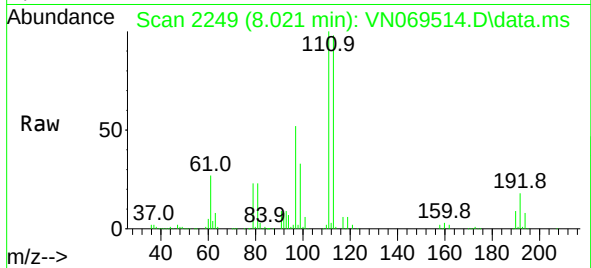
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.222 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

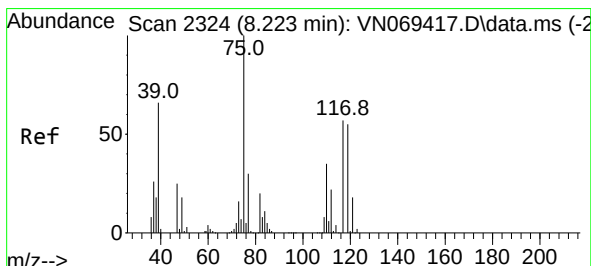
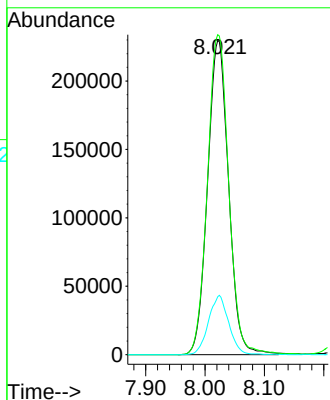
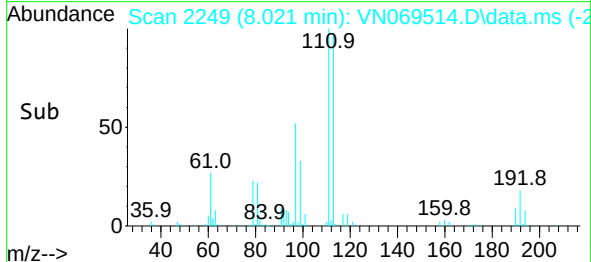
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion:113 Resp: 564990
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 18.2 16.9 25.3

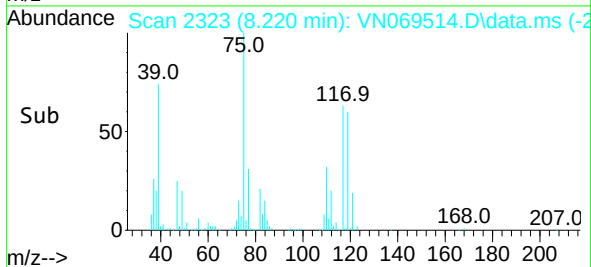
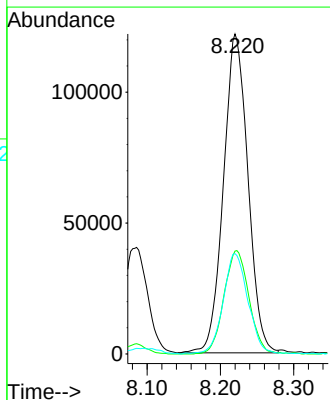
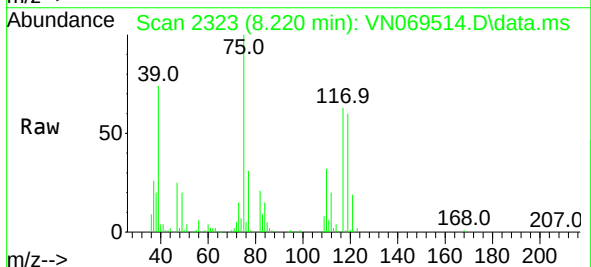
Manual Integrations
APPROVED

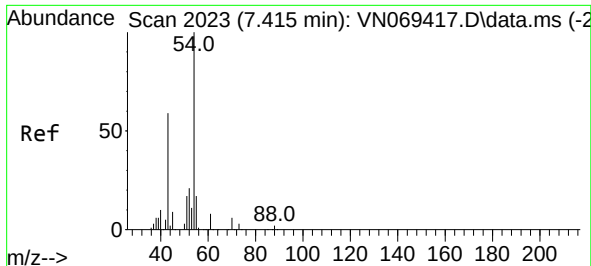
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#36
1,1-Dichloropropene
Concen: 18.265 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

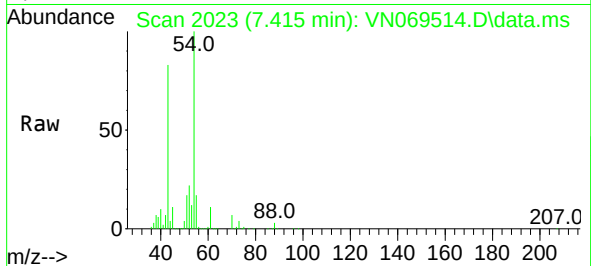
Tgt Ion: 75 Resp: 282650
Ion Ratio Lower Upper
75 100
110 33.1 18.4 55.2
77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 20.125 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

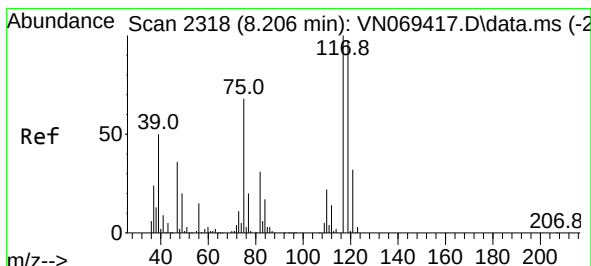
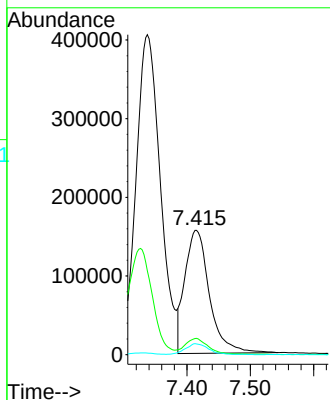
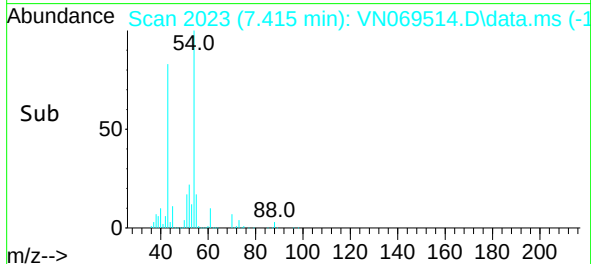
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 43 Resp: 421000
Ion Ratio Lower Upper
43 100
61 12.1 11.5 17.3
70 8.0 7.9 11.9

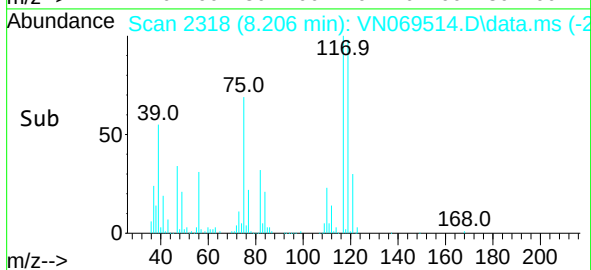
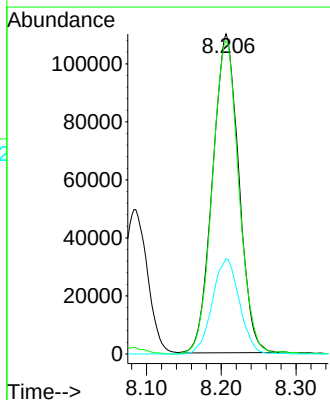
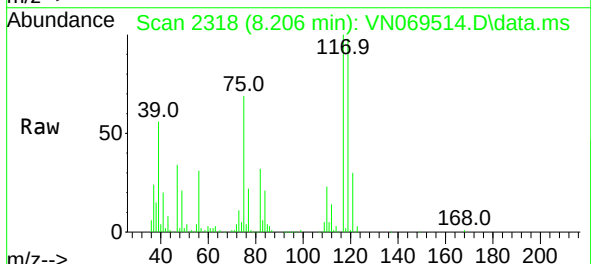
Manual Integrations
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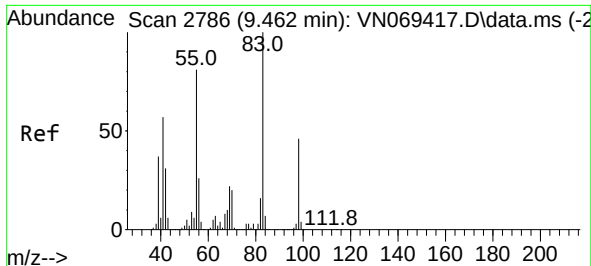
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#38
Carbon Tetrachloride
Concen: 17.907 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

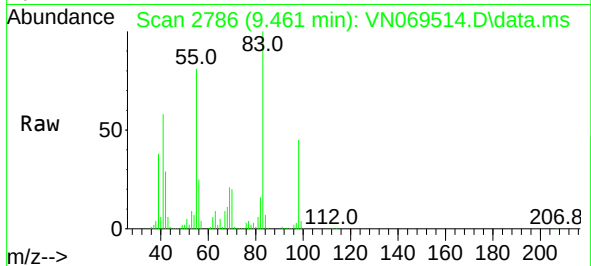
Tgt Ion:117 Resp: 267531
Ion Ratio Lower Upper
117 100
119 98.3 76.1 114.1
121 29.9 24.2 36.2





#39
Methylcyclohexane
Concen: 17.181 ug/l
RT: 9.461 min Scan# 2111
Delta R.T. -0.001 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

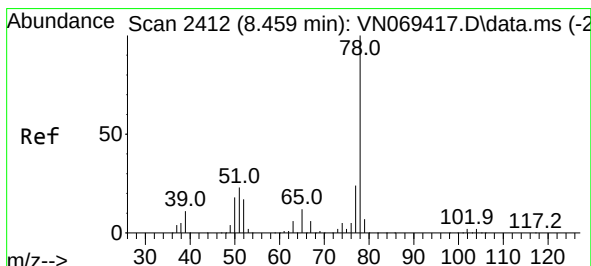
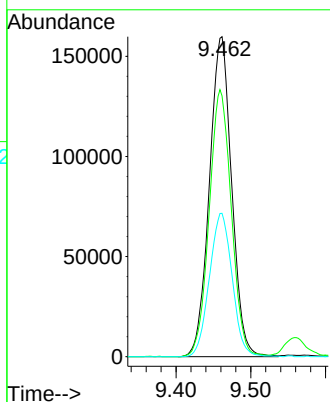
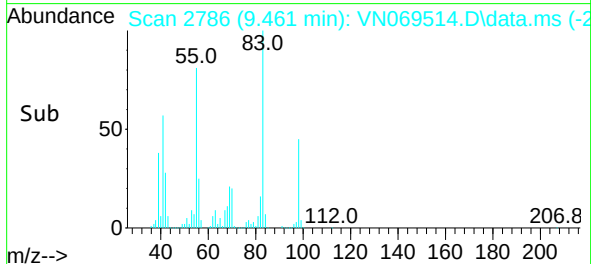
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 83 Resp: 330749
Ion Ratio Lower Upper
83 100
55 81.5 58.1 87.1
98 44.8 38.4 57.6

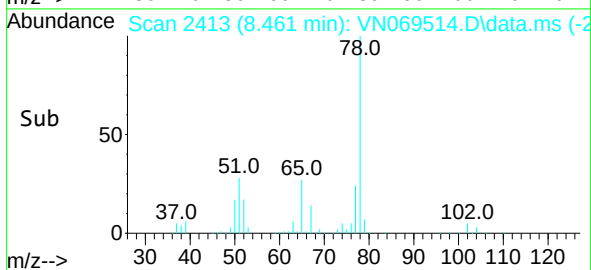
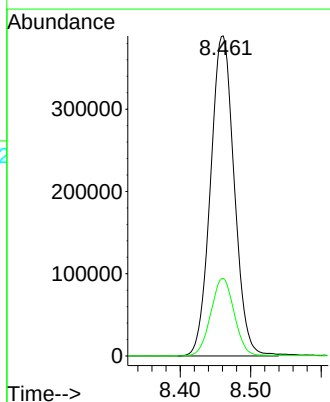
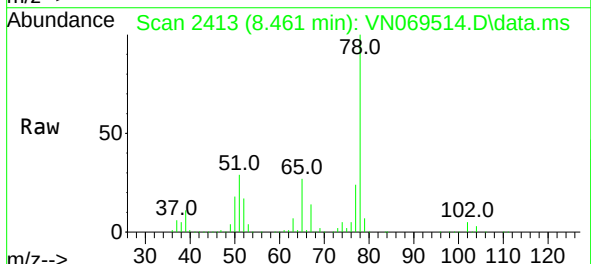
Manual Integrations
APPROVED

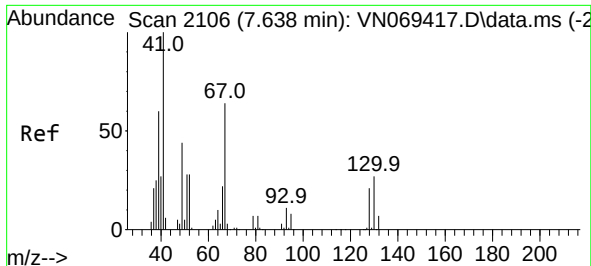
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40
Benzene
Concen: 19.049 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

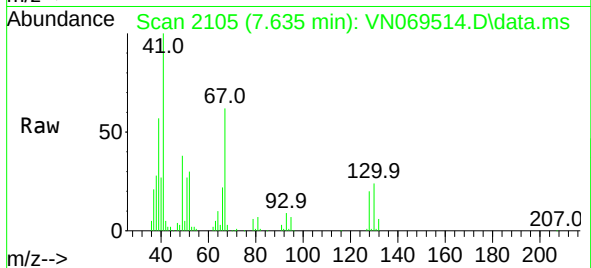
Tgt Ion: 78 Resp: 909879
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8





#41
Methacrylonitrile
Concen: 19.160 ug/l
RT: 7.635 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

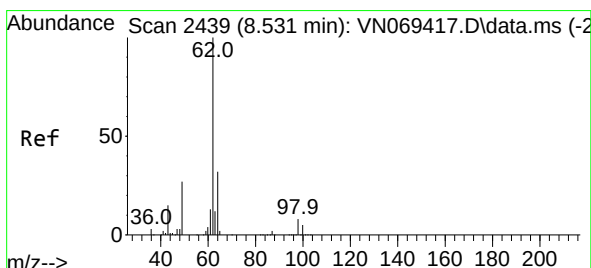
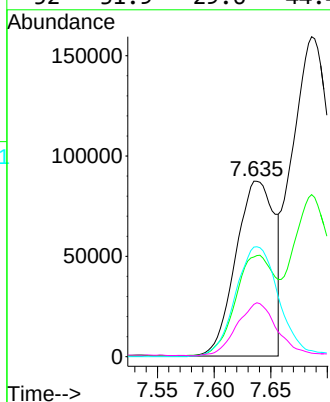
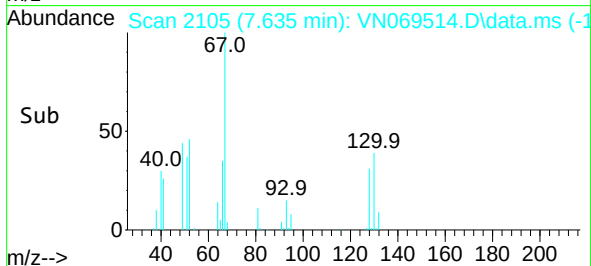
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 41 Resp: 207104
Ion Ratio Lower Upper
41 100
39 57.8 48.1 72.1
67 71.8 68.3 102.5
52 31.9 29.6 44.4

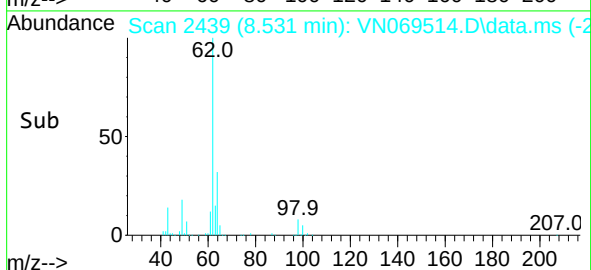
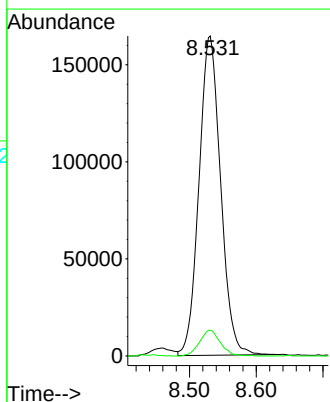
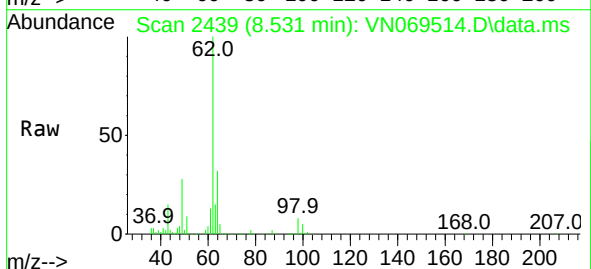
Manual Integrations
APPROVED

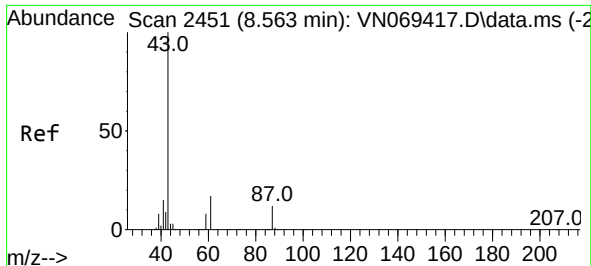
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 19.795 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

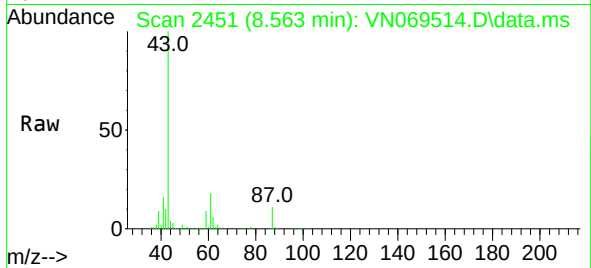
Tgt Ion: 62 Resp: 370239
Ion Ratio Lower Upper
62 100
98 7.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.398 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

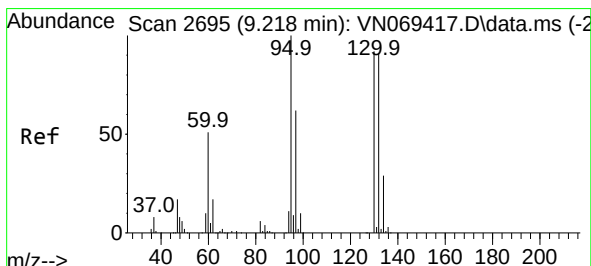
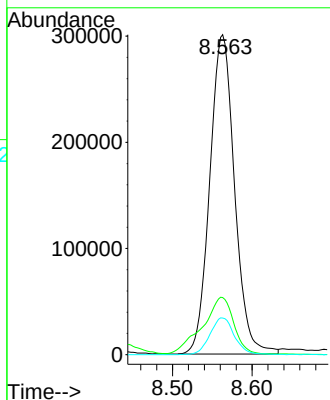
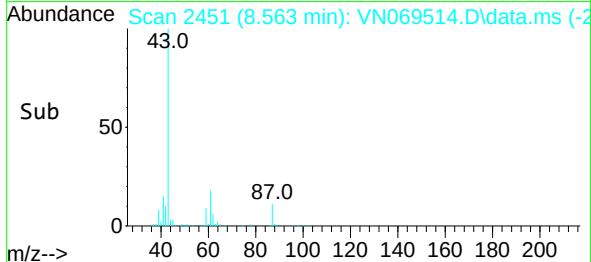
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 43 Resp: 65179
Ion Ratio Lower Upper
43 100
61 22.4 20.4 30.6
87 11.5 11.2 16.8

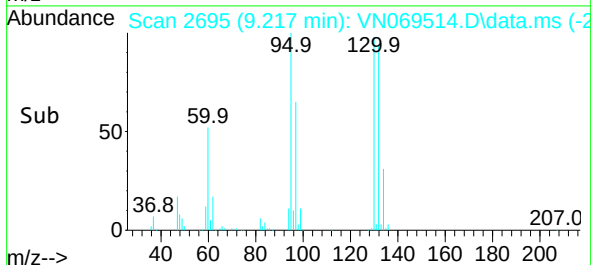
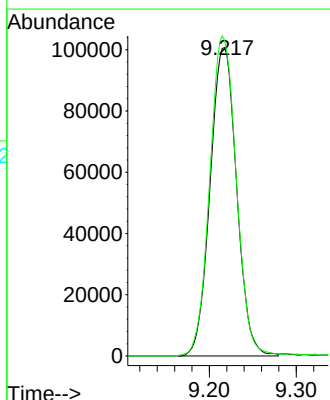
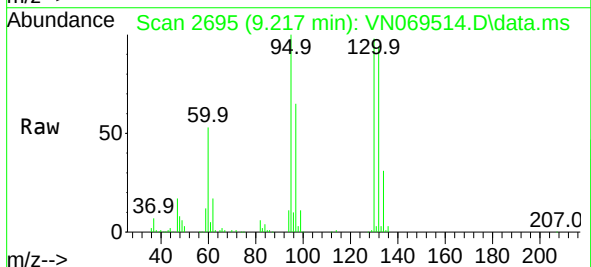
Manual Integrations
APPROVED

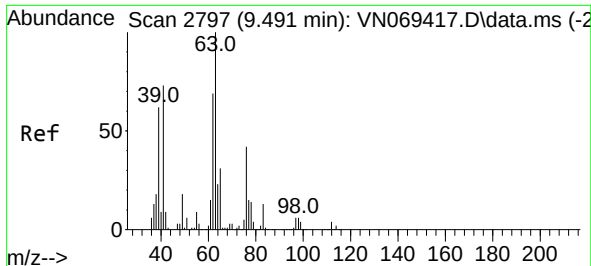
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 18.643 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

Tgt Ion:130 Resp: 213129
Ion Ratio Lower Upper
130 100
95 102.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.829 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069514.D

Acq: 16 Nov 2021 17:41

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tgt Ion: 63 Resp: 25305

Ion Ratio Lower Upper

63 100

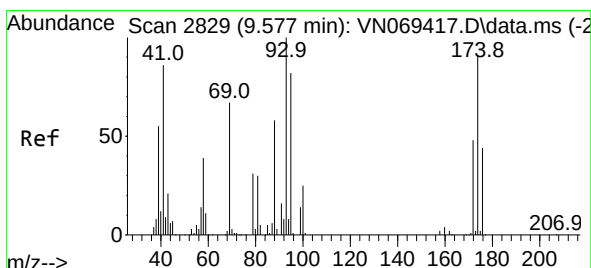
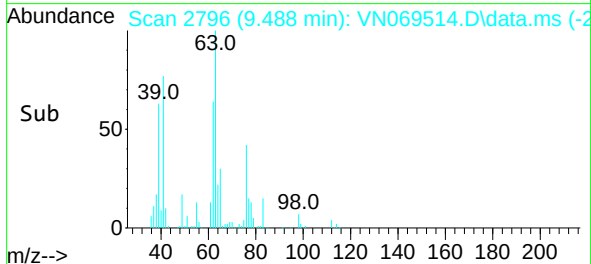
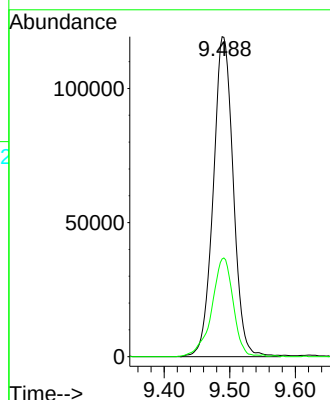
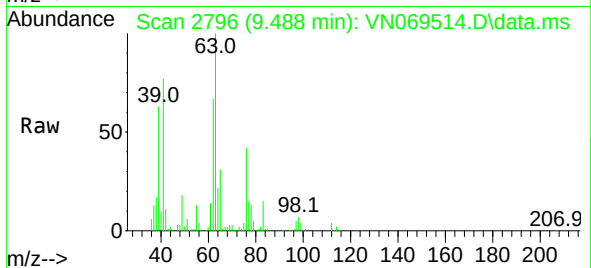
65 30.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 18.878 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069514.D

Acq: 16 Nov 2021 17:41

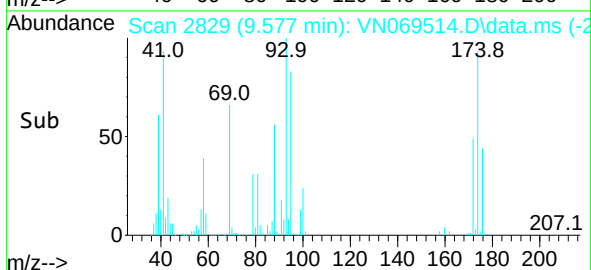
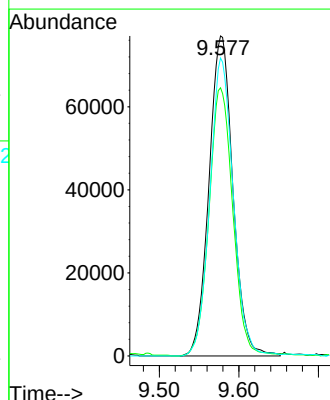
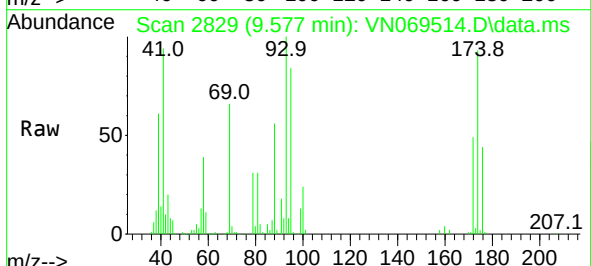
Tgt Ion: 93 Resp: 161369

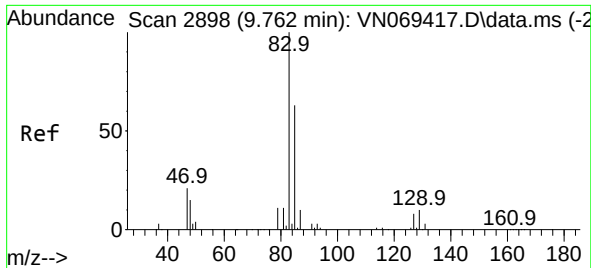
Ion Ratio Lower Upper

93 100

95 83.3 65.9 98.9

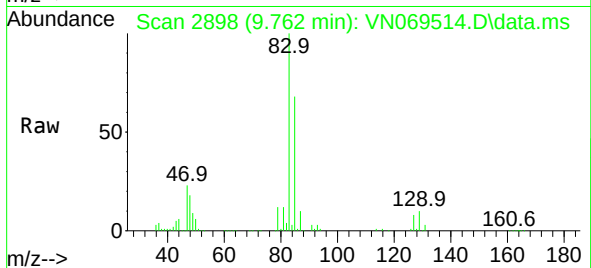
174 91.4 84.6 127.0





#47
Bromodichloromethane
Concen: 18.530 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

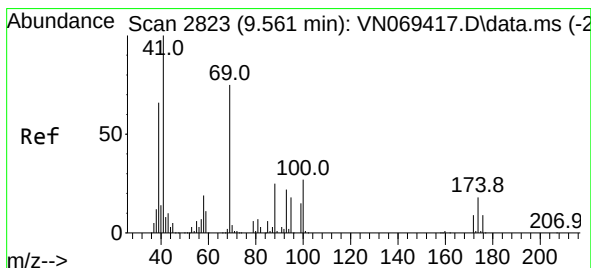
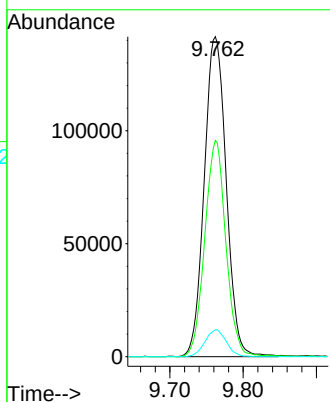
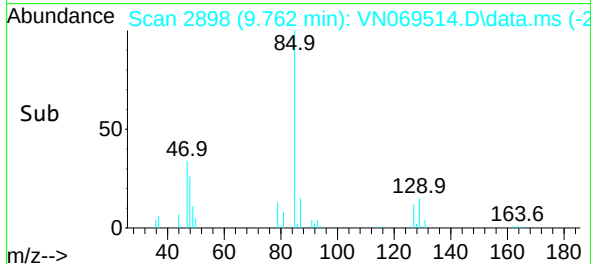
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



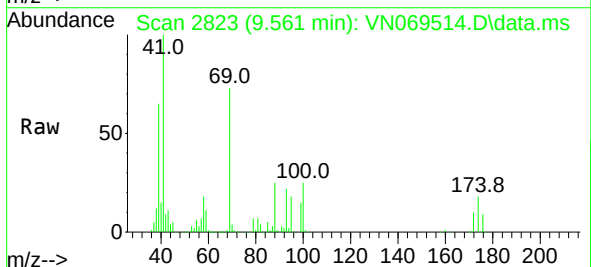
Tgt Ion: 83 Resp: 295574
Ion Ratio Lower Upper
83 100
85 67.6 50.9 76.3
127 8.4 7.1 10.7

Manual Integrations
APPROVED

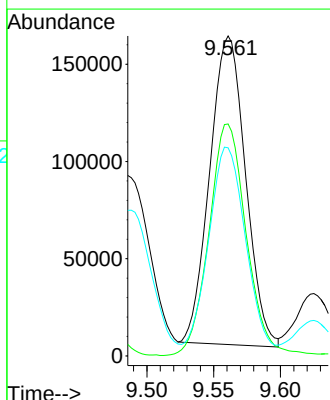
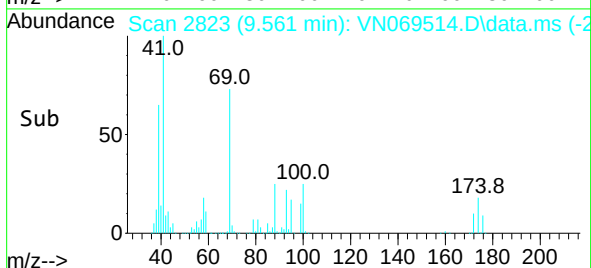
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

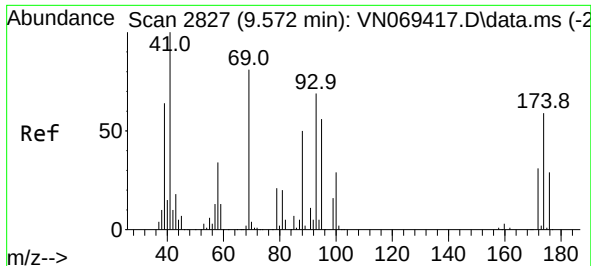


#48
Methyl methacrylate
Concen: 18.709 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41



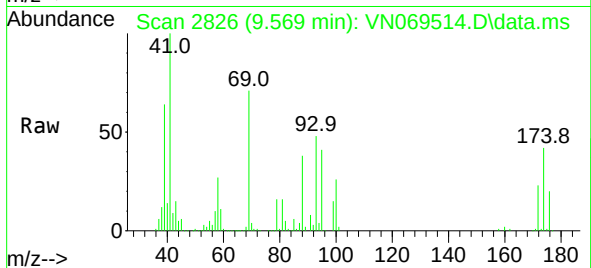
Tgt Ion: 41 Resp: 295751
Ion Ratio Lower Upper
41 100
69 78.4 72.4 108.6
39 64.6 58.4 87.6





#49
1,4-Dioxane
Concen: 363.651 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

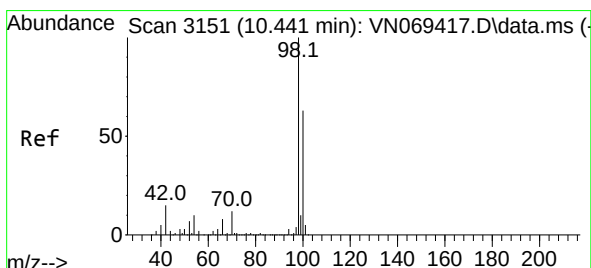
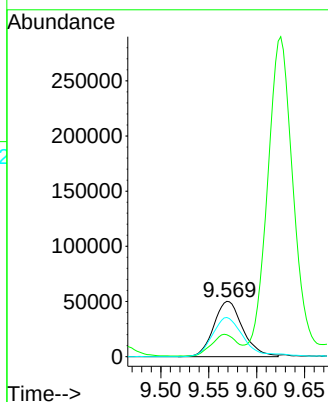
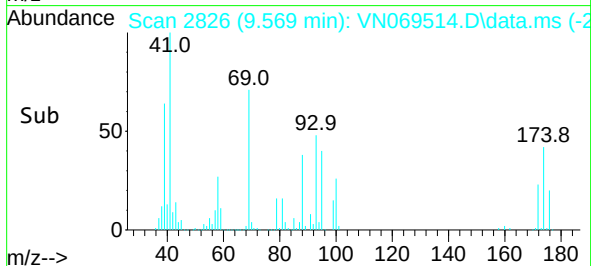
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 88 Resp: 105823
Ion Ratio Lower Upper
88 100
43 33.8 23.4 35.2
58 77.3 50.6 75.8

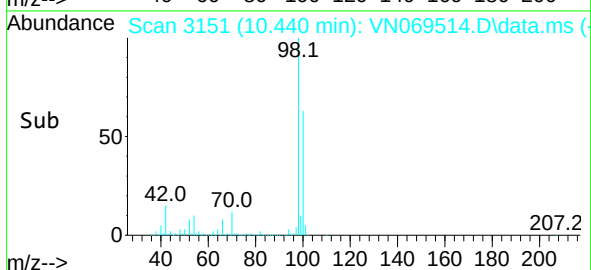
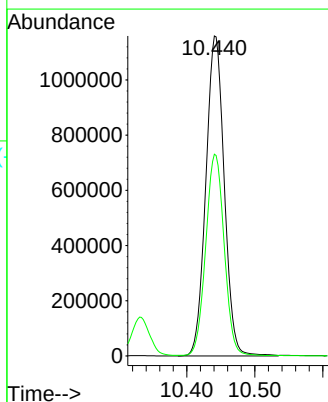
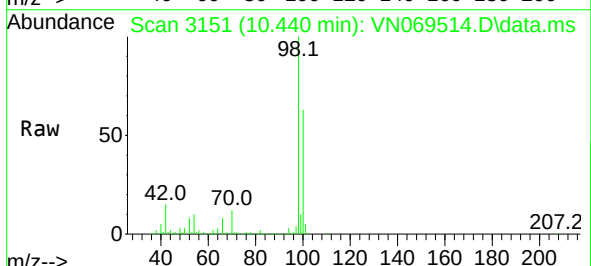
Manual Integrations
APPROVED

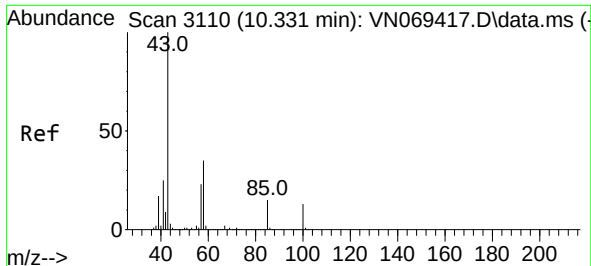
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#50
Toluene-d8
Concen: 50.310 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

Tgt Ion: 98 Resp: 2182572
Ion Ratio Lower Upper
98 100
100 63.0 50.4 75.6





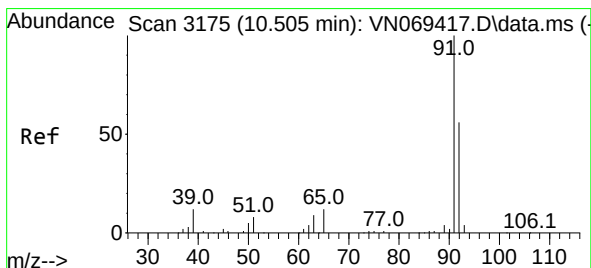
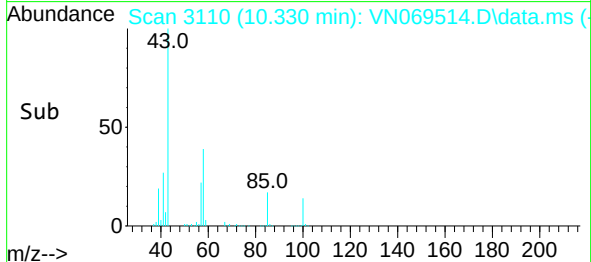
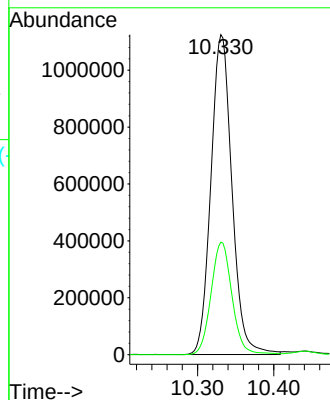
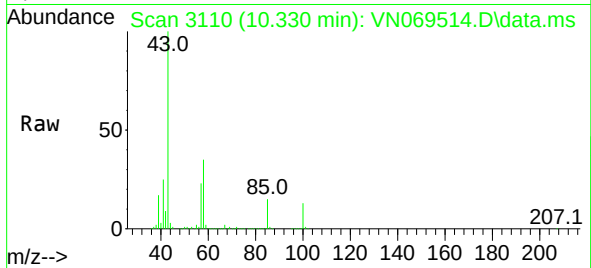
#51
4-Methyl-2-Pentanone
Concen: 99.406 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 43 Resp: 2155949
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6

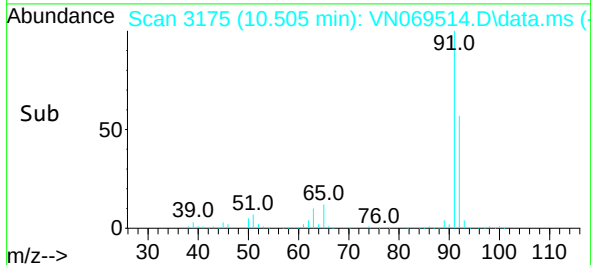
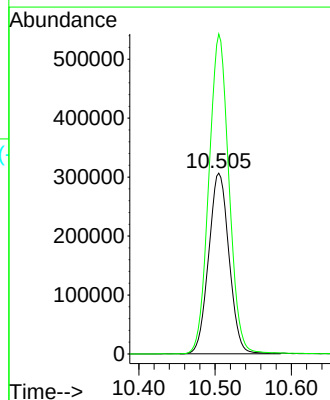
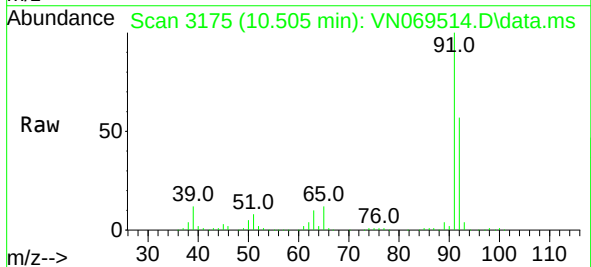
Manual Integrations
APPROVED

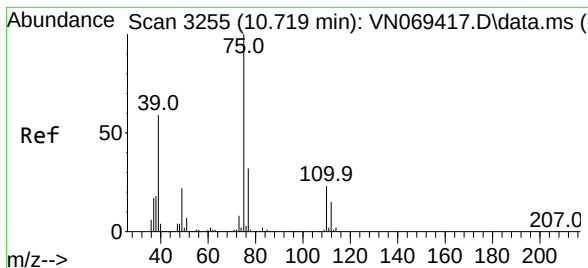
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 19.096 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

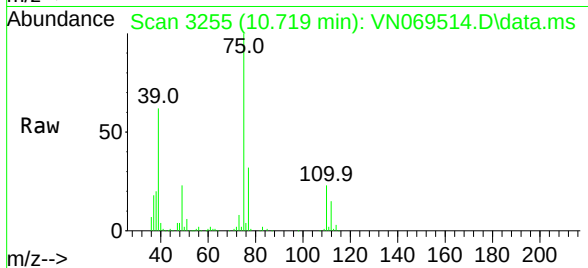
Tgt Ion: 92 Resp: 568257
Ion Ratio Lower Upper
92 100
91 175.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 16.689 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

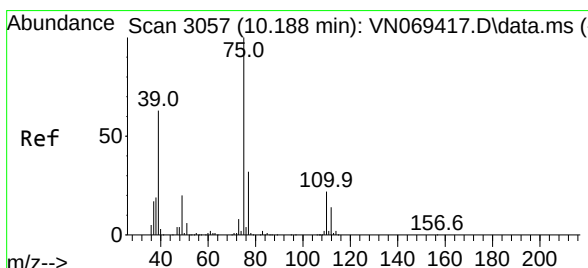
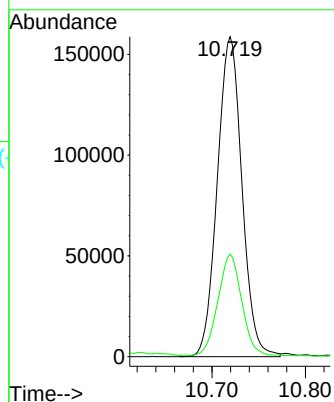
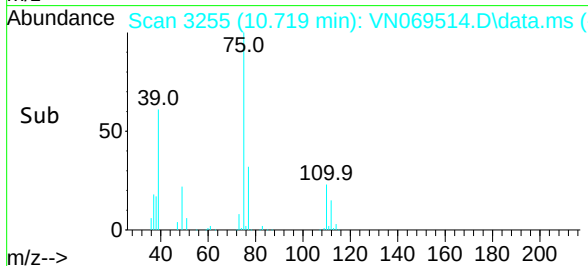
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



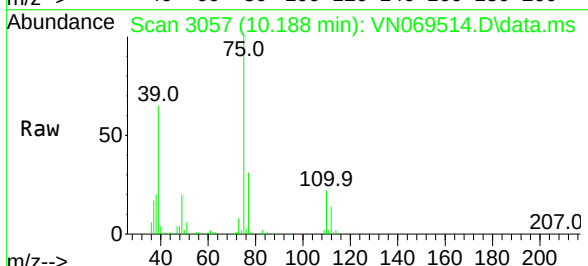
Tgt Ion: 75 Resp: 29093
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

Manual Integrations
APPROVED

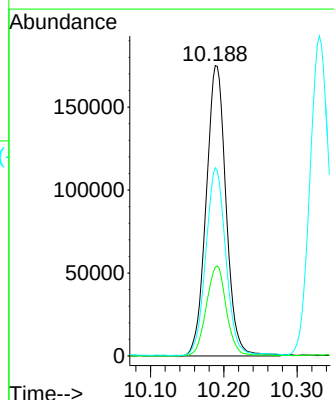
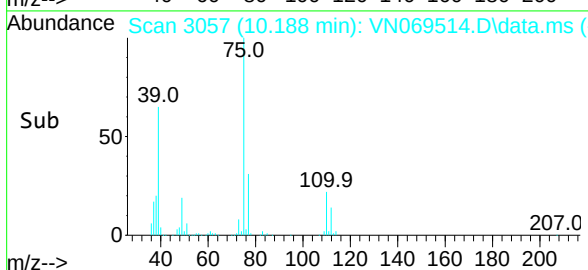
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

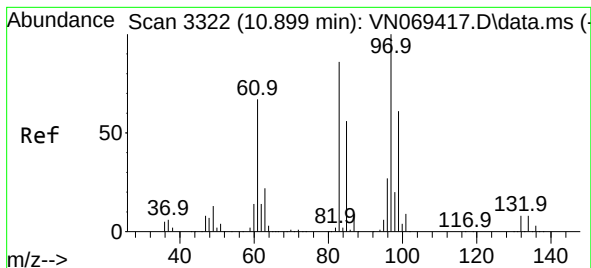


#54
cis-1,3-Dichloropropene
Concen: 17.163 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41



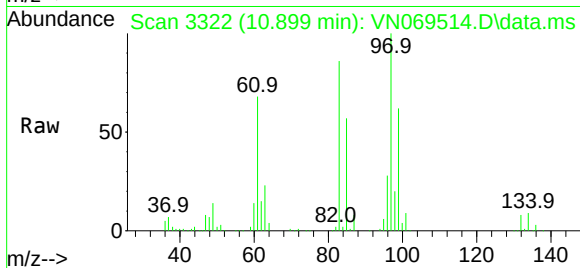
Tgt Ion: 75 Resp: 330348
Ion Ratio Lower Upper
75 100
77 30.5 26.4 39.6
39 64.5 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 19.735 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

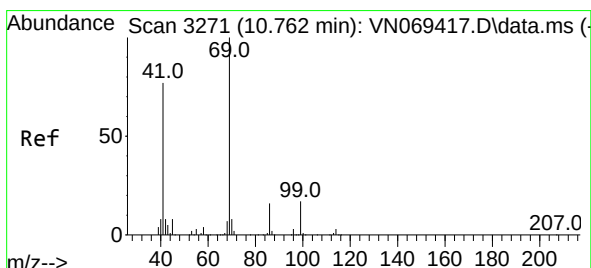
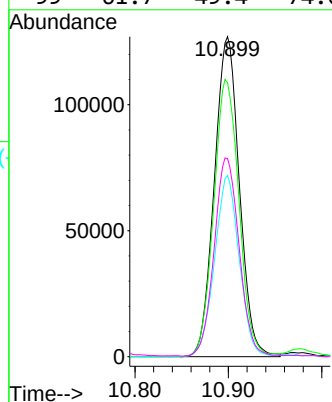
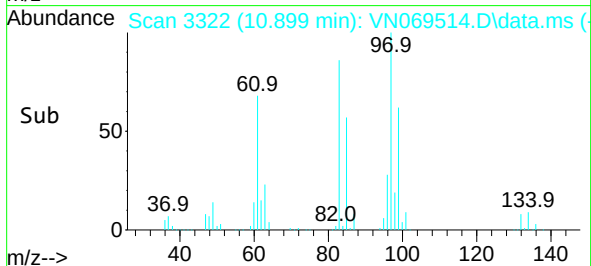
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



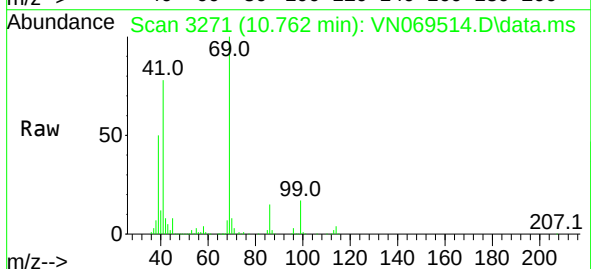
Tgt Ion: 97 Resp: 236730
Ion Ratio Lower Upper
97 100
83 85.7 67.8 101.6
85 56.6 45.4 68.2
99 61.7 49.4 74.0

Manual Integrations
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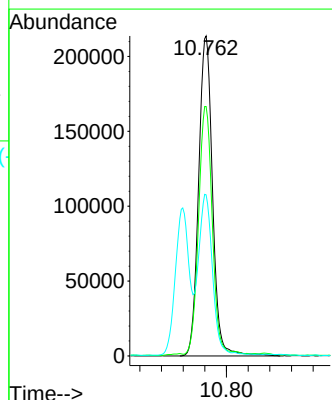
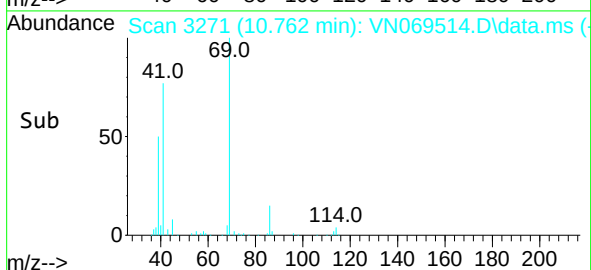
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

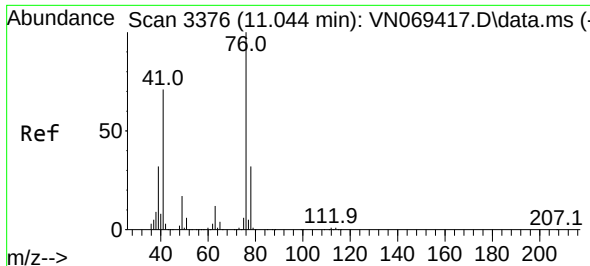


#56
Ethyl methacrylate
Concen: 18.206 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41



Tgt Ion: 69 Resp: 380799
Ion Ratio Lower Upper
69 100
41 75.9 51.4 77.0
39 47.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 19.047 ug/l

RT: 11.044 min Scan# 3376

Delta R.T. -0.000 min

Lab File: VN069514.D

Acq: 16 Nov 2021 17:41

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tgt Ion: 76 Resp: 40149

Ion Ratio Lower Upper

76 100

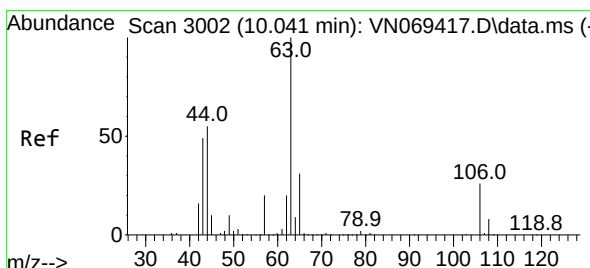
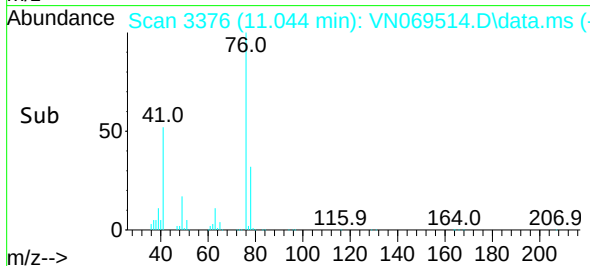
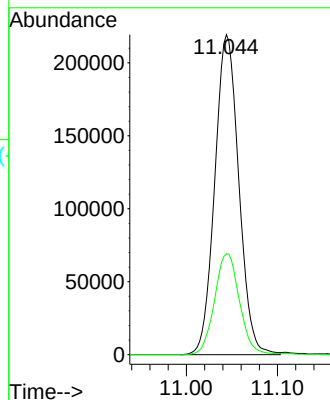
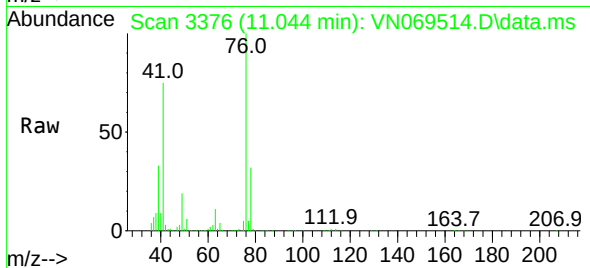
78 32.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#58

2-Chloroethyl Vinyl ether

Concen: 89.168 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN069514.D

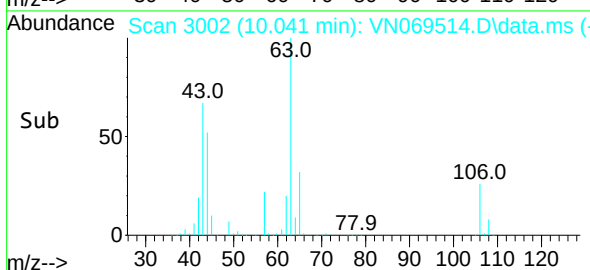
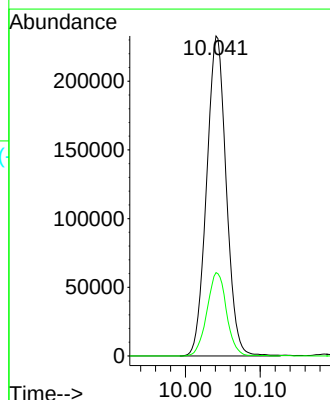
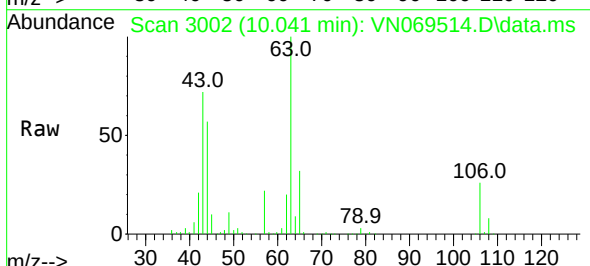
Acq: 16 Nov 2021 17:41

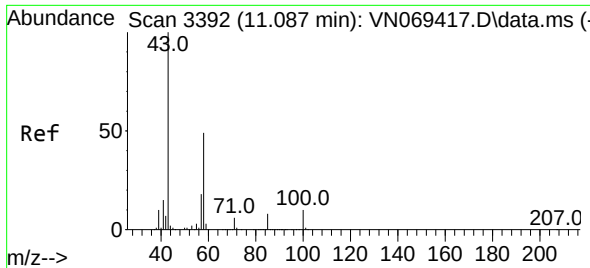
Tgt Ion: 63 Resp: 424620

Ion Ratio Lower Upper

63 100

106 25.8 23.9 35.9





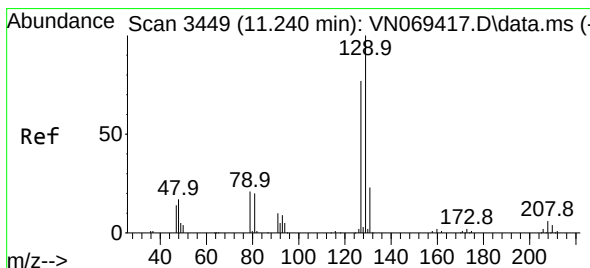
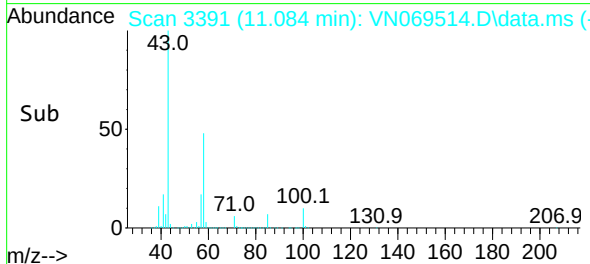
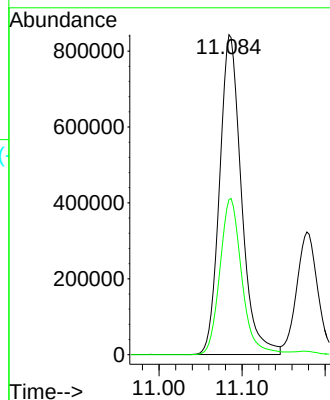
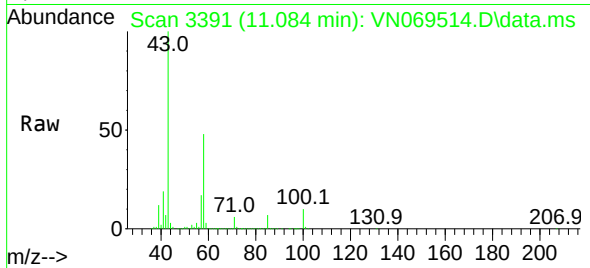
#59
2-Hexanone
Concen: 89.325 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 43 Resp: 1539214
Ion Ratio Lower Upper
43 100
58 49.1 26.9 80.7

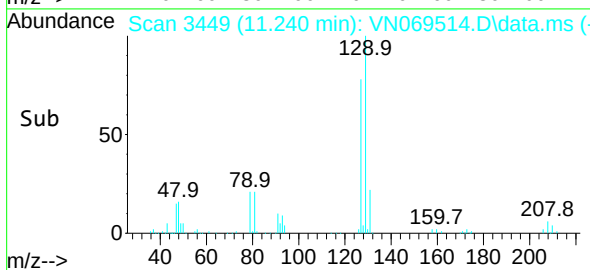
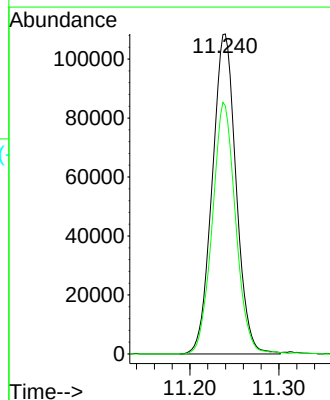
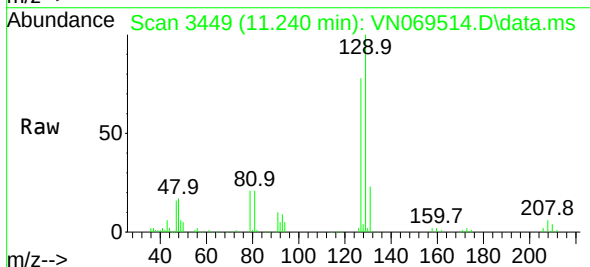
Manual Integrations
APPROVED

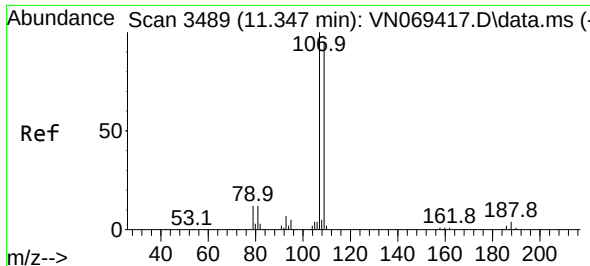
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 17.011 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

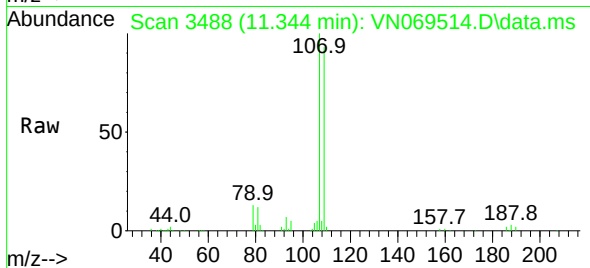
Tgt Ion:129 Resp: 201900
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 17.990 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

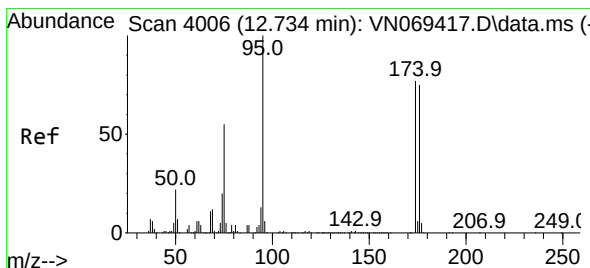
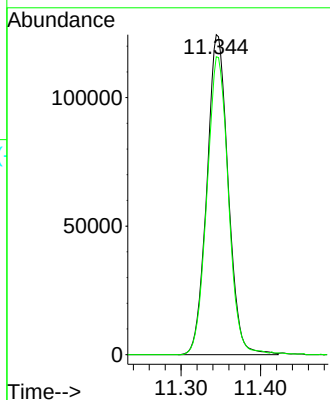
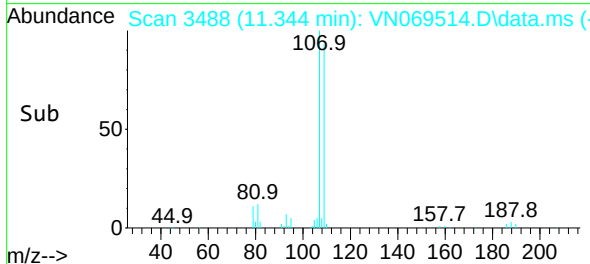
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion:107 Resp: 231494
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5

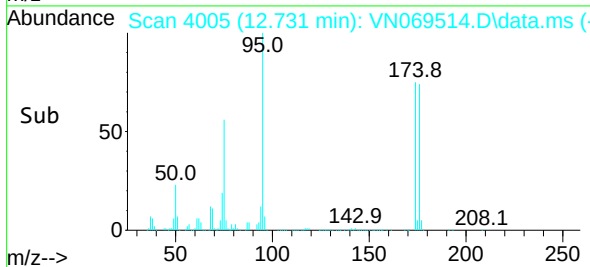
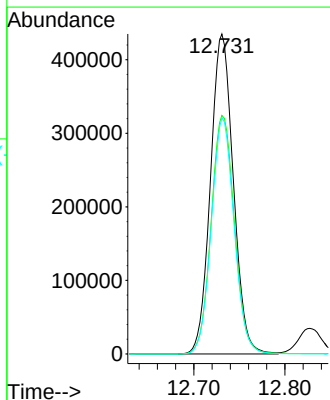
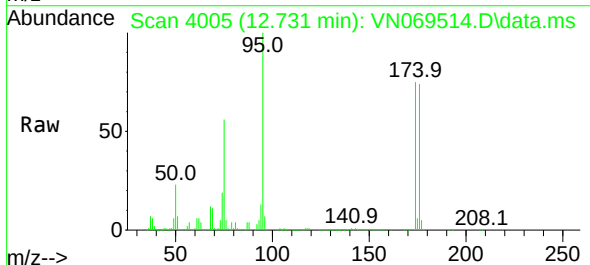
Manual Integrations
APPROVED

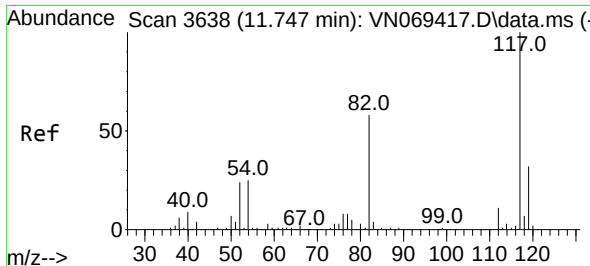
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#62
4-Bromofluorobenzene
Concen: 47.470 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

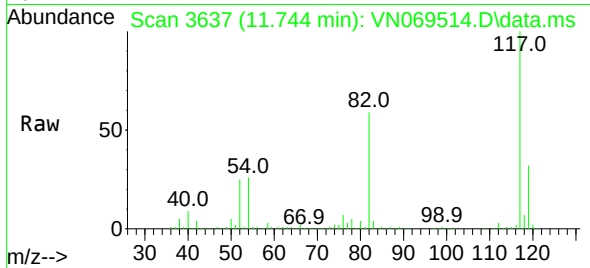
Tgt Ion: 95 Resp: 756528
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

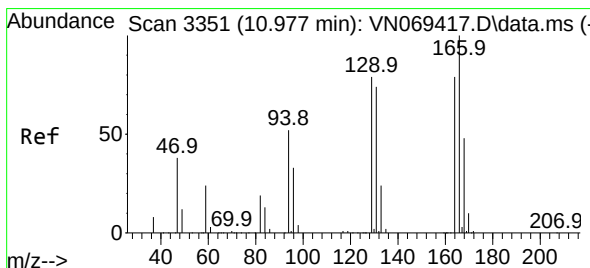
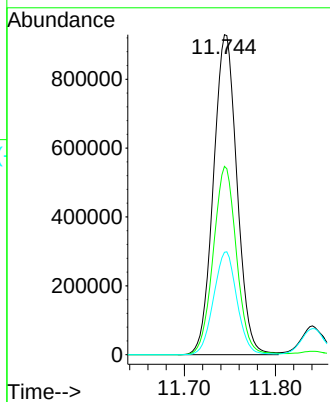
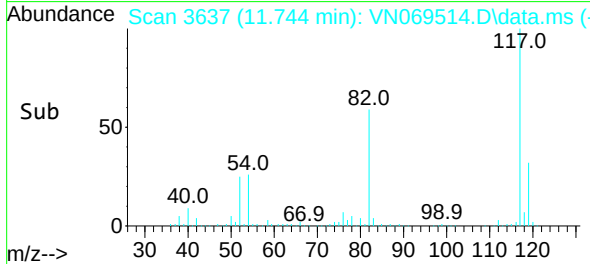
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion:117 Resp: 166846
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.0 25.4 38.2

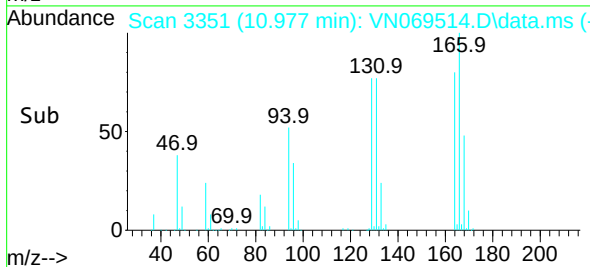
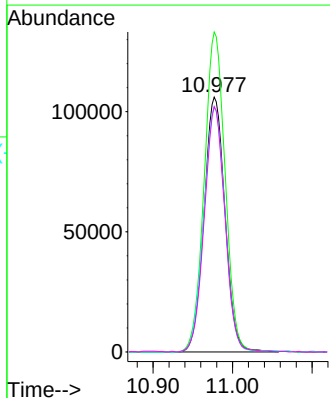
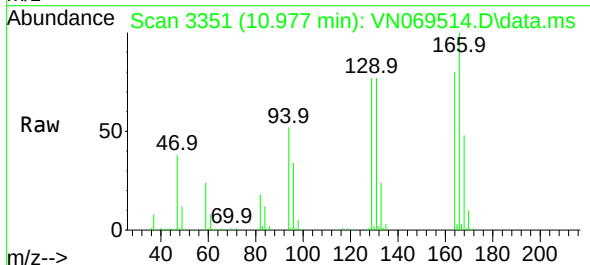
Manual Integrations
APPROVED

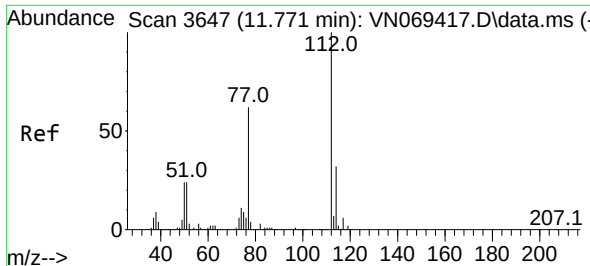
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#64
Tetrachloroethene
Concen: 19.378 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

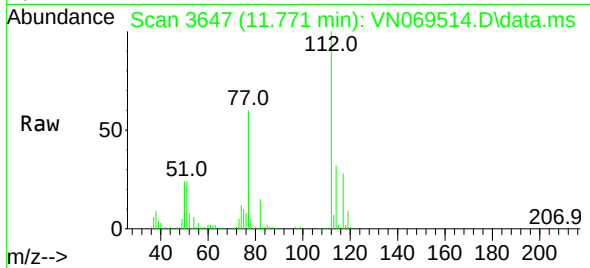
Tgt Ion:164 Resp: 195218
Ion Ratio Lower Upper
164 100
166 125.5 101.9 152.9
129 96.2 72.0 108.0
131 96.2 70.9 106.3





#65
Chlorobenzene
Concen: 19.671 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

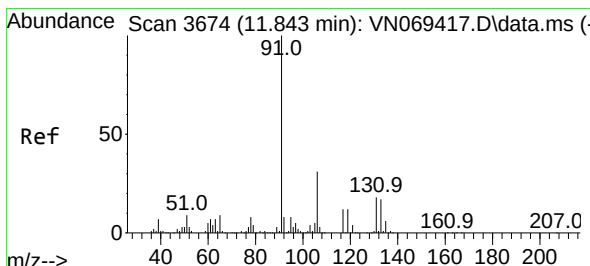
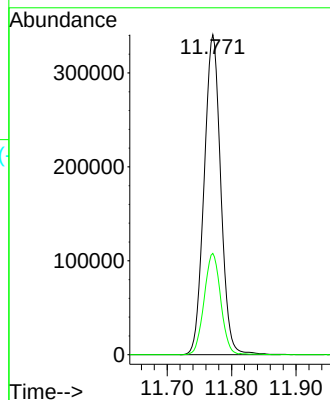
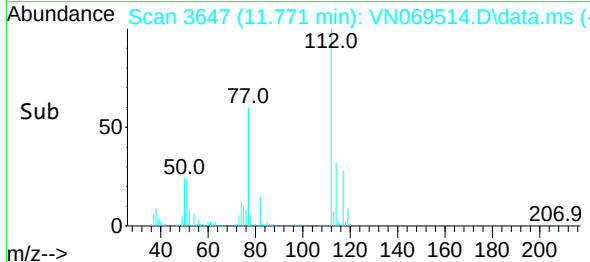
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



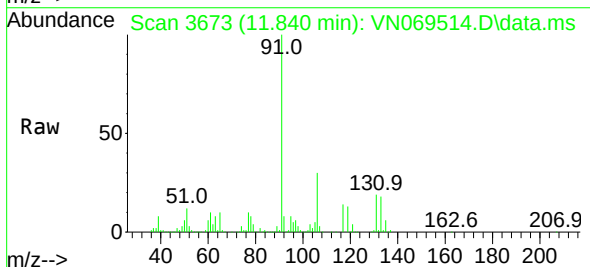
Tgt Ion:112 Resp: 61088
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

Manual Integrations
APPROVED

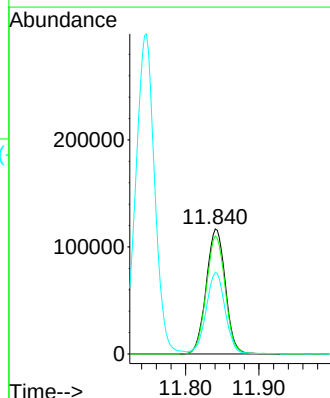
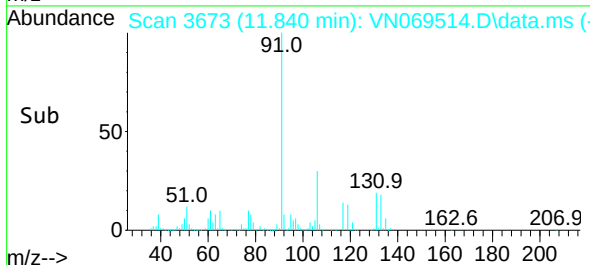
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

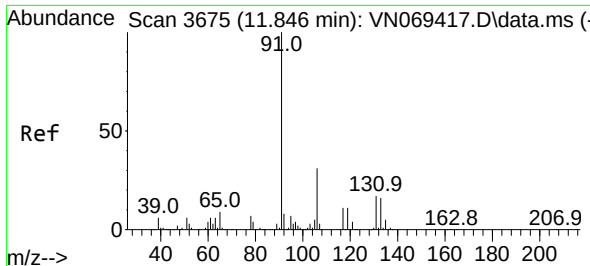


#66
1,1,1,2-Tetrachloroethane
Concen: 19.686 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41



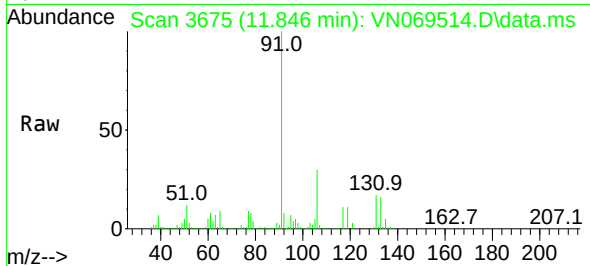
Tgt Ion:131 Resp: 212057
Ion Ratio Lower Upper
131 100
133 93.2 47.9 143.7
119 64.2 32.1 96.5





#67
Ethyl Benzene
Concen: 19.297 ug/l
RT: 11.846 min Scan# 3075
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

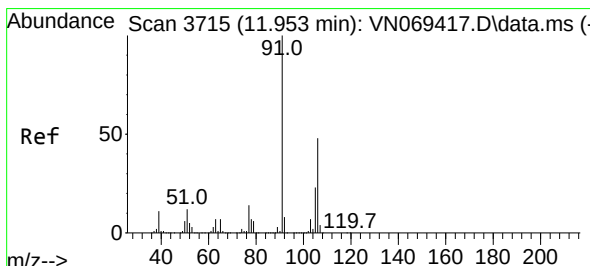
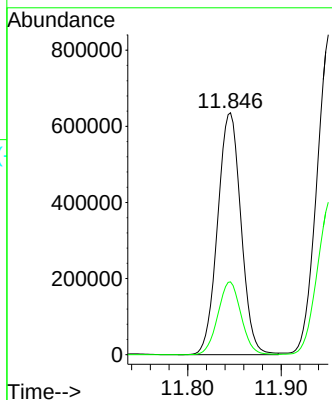
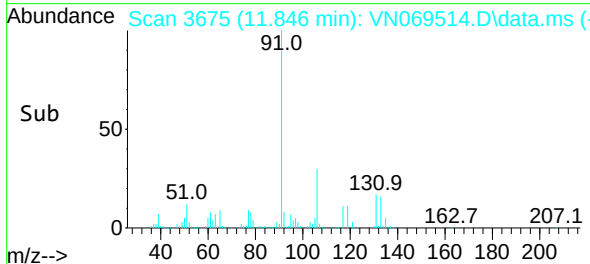
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 91 Resp: 1105292
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

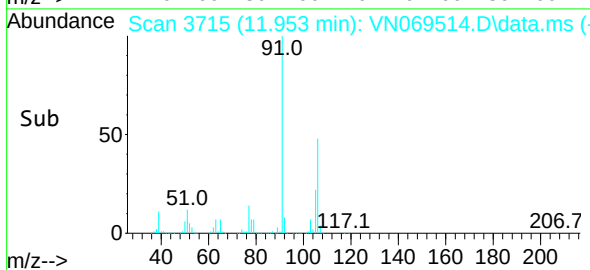
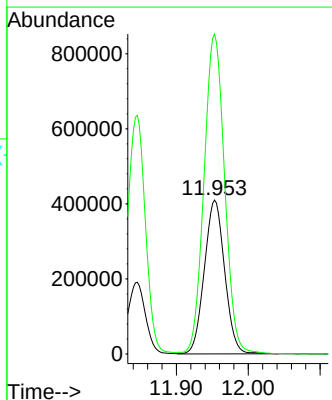
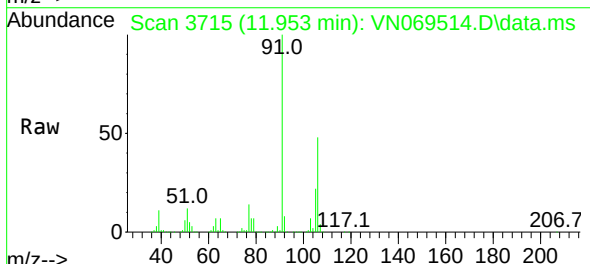
Manual Integrations
APPROVED

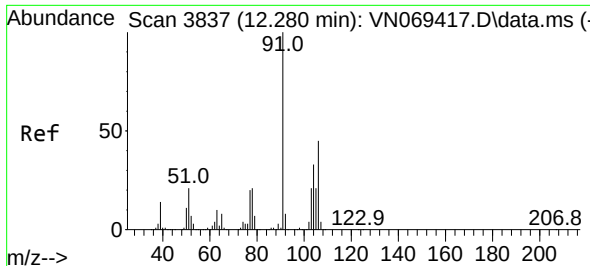
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
m/p-Xylenes
Concen: 38.278 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

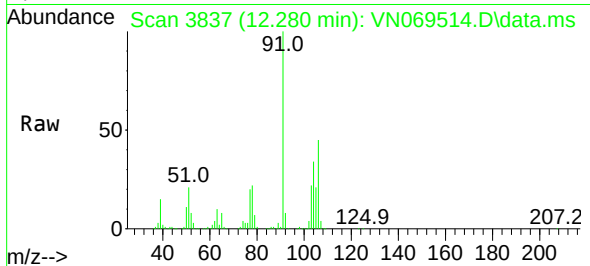
Tgt Ion:106 Resp: 806363
Ion Ratio Lower Upper
106 100
91 210.3 160.6 240.8





#69
o-Xylene
Concen: 19.222 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

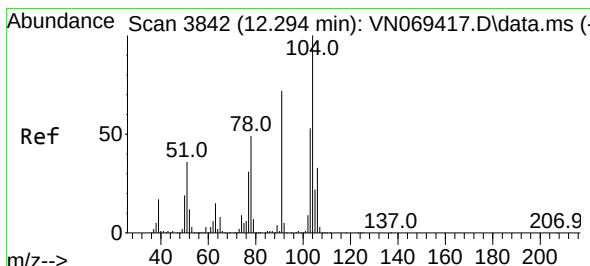
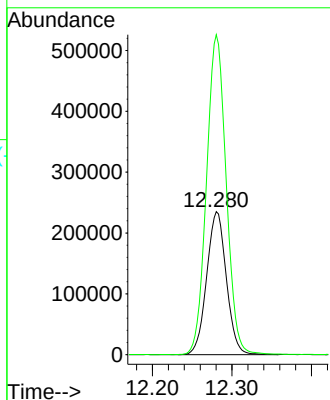
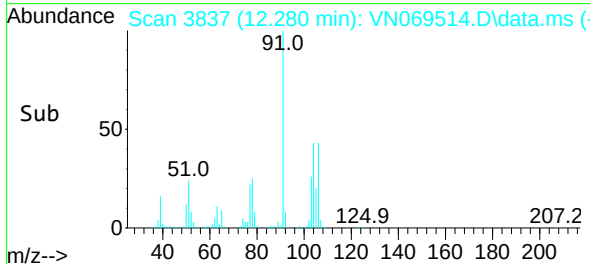
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



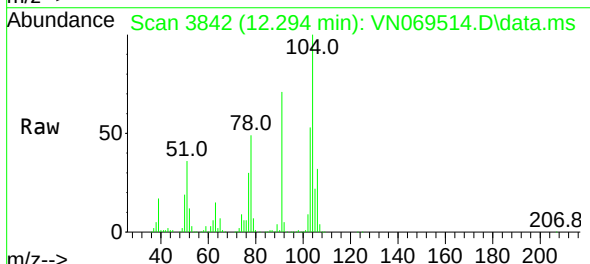
Tgt Ion:106 Resp: 403670
Ion Ratio Lower Upper
106 100
91 224.0 105.8 317.3

Manual Integrations
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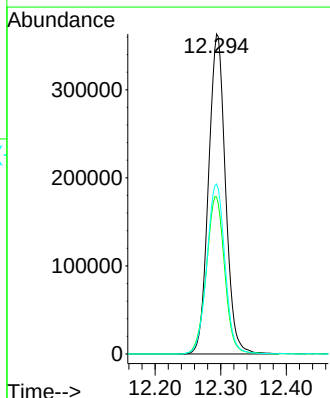
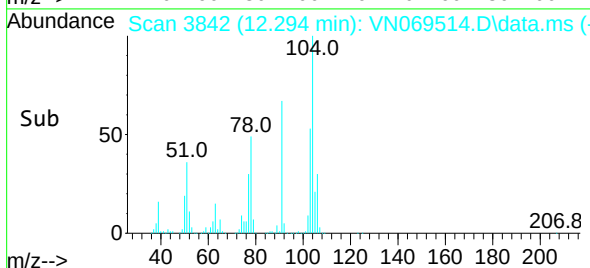
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

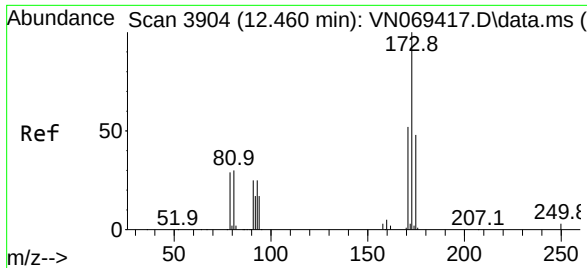


#70
Styrene
Concen: 18.296 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41



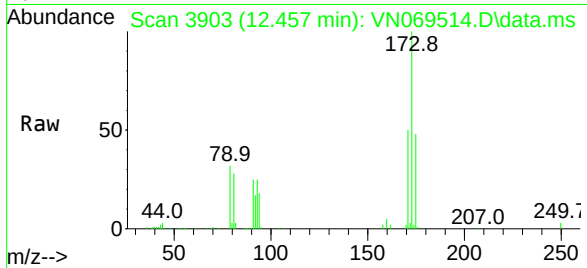
Tgt Ion:104 Resp: 652372
Ion Ratio Lower Upper
104 100
78 53.1 38.7 58.1
103 56.8 45.0 67.6





#71
Bromoform
Concen: 16.765 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

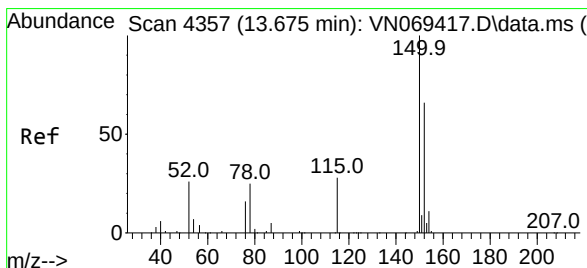
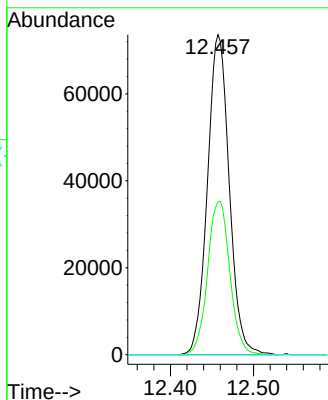
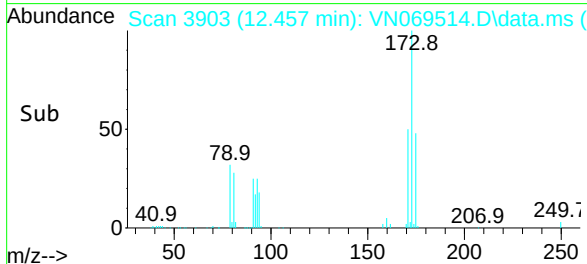
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



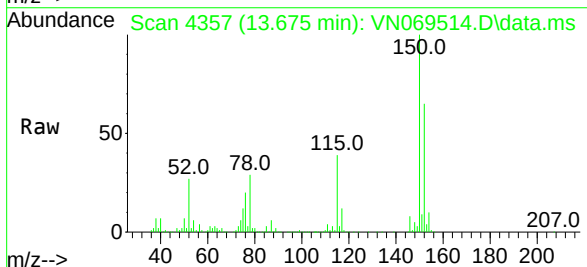
Tgt Ion:173 Resp: 133927
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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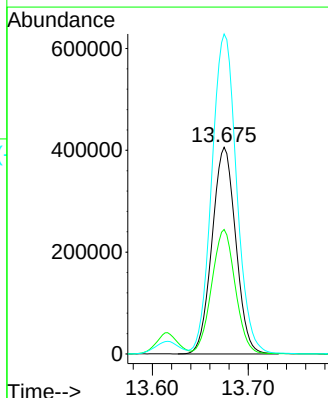
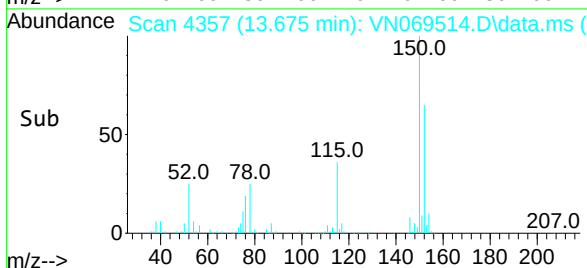
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

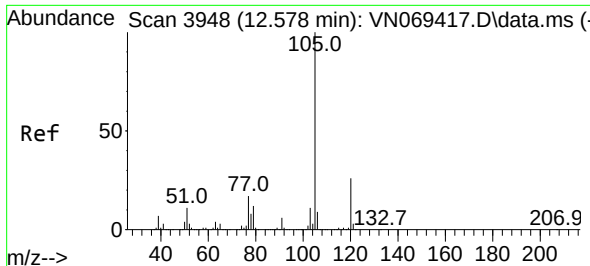


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41



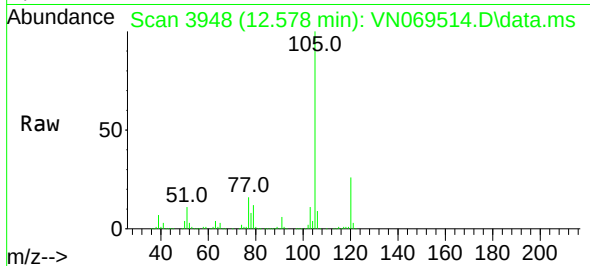
Tgt Ion:152 Resp: 696896
Ion Ratio Lower Upper
152 100
115 60.1 27.5 82.5
150 162.1 0.0 344.4





#73
Isopropylbenzene
Concen: 19.194 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

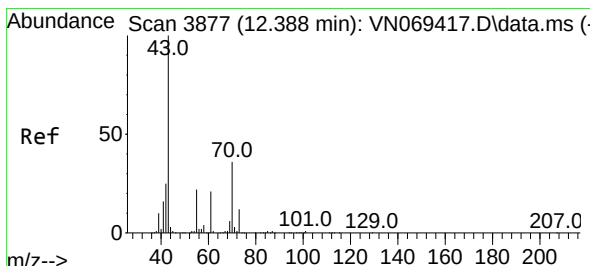
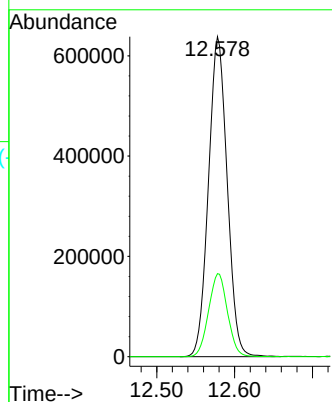
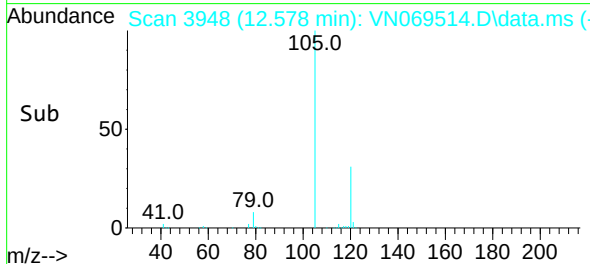
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



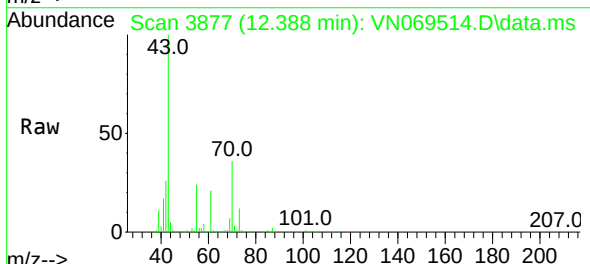
Tgt Ion:105 Resp: 1065020
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

Manual Integrations
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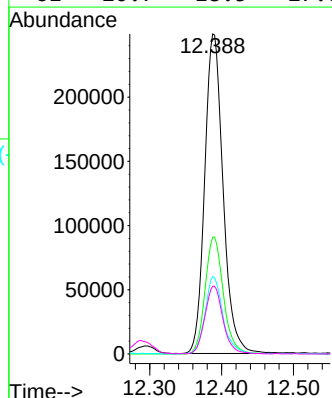
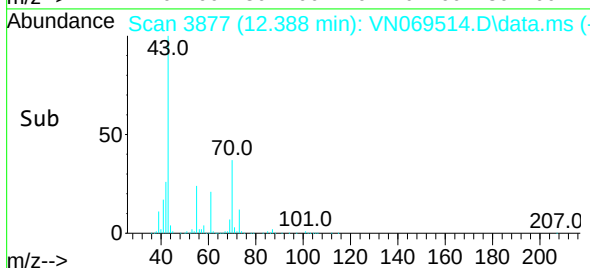
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

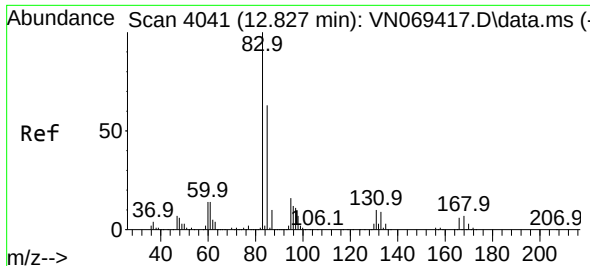


#74
N-ethyl acetate
Concen: 18.882 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41



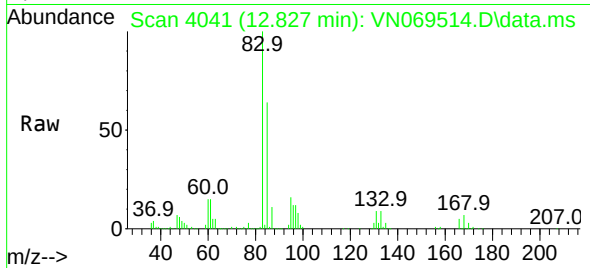
Tgt Ion: 43 Resp: 444010
Ion Ratio Lower Upper
43 100
70 36.4 33.4 50.0
55 23.7 19.3 28.9
61 20.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.956 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

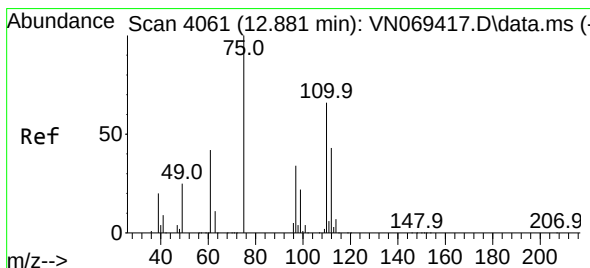
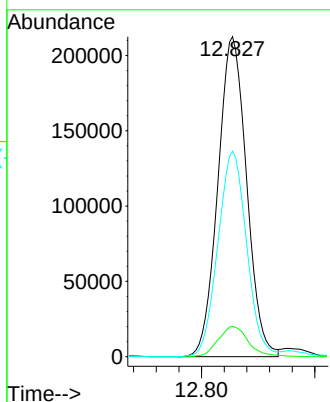
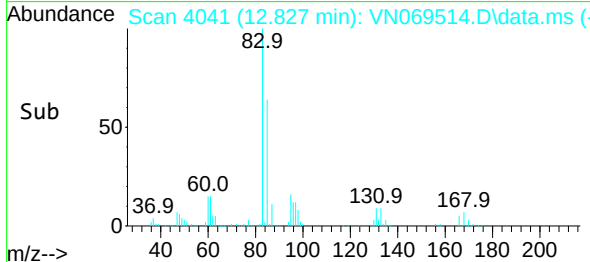
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 83 Resp: 373470
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.2 32.4 97.2

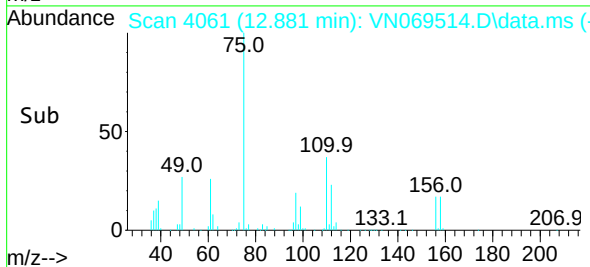
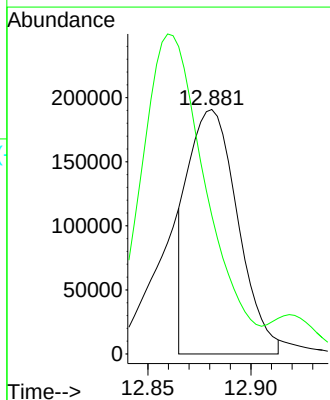
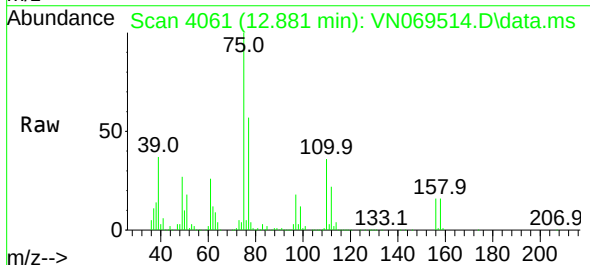
Manual Integrations
APPROVED

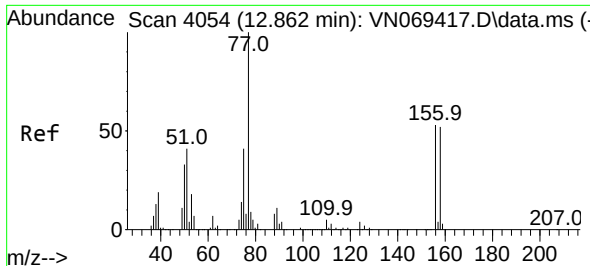
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#76
1,2,3-Trichloropropane
Concen: 19.780 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

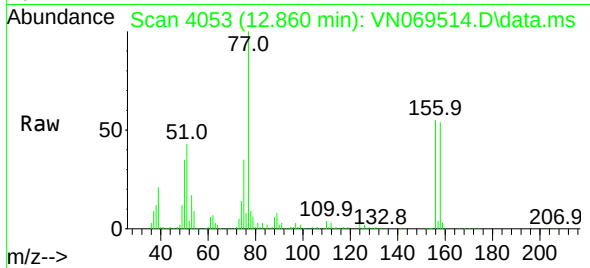
Tgt Ion: 75 Resp: 318122
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 19.420 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

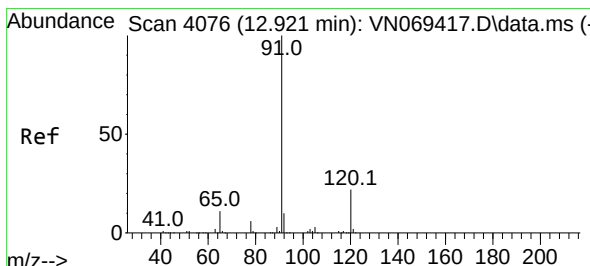
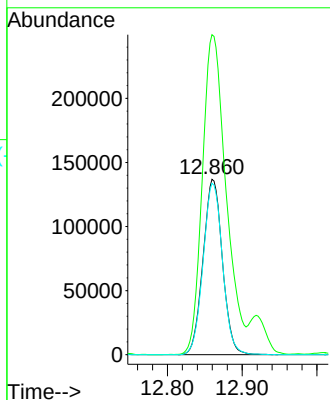
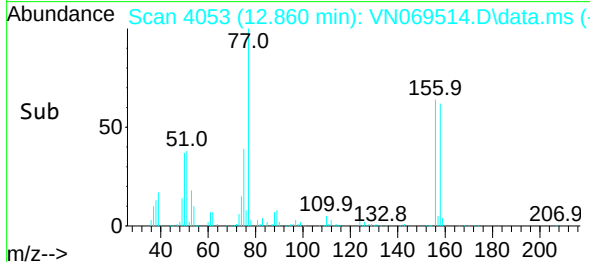
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion:156 Resp: 246449
Ion Ratio Lower Upper
156 100
77 222.2 90.6 271.8
158 98.0 48.9 146.7

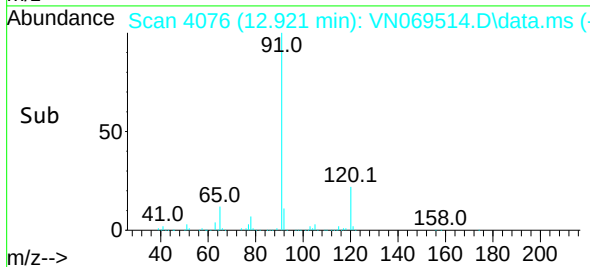
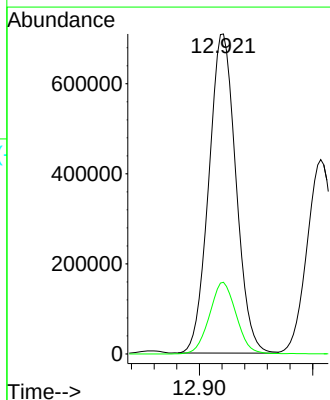
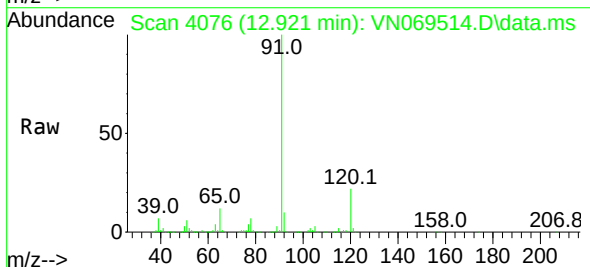
Manual Integrations
APPROVED

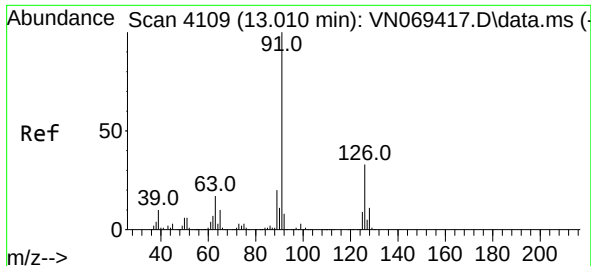
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#78
n-propylbenzene
Concen: 18.866 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

Tgt Ion: 91 Resp: 1177938
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





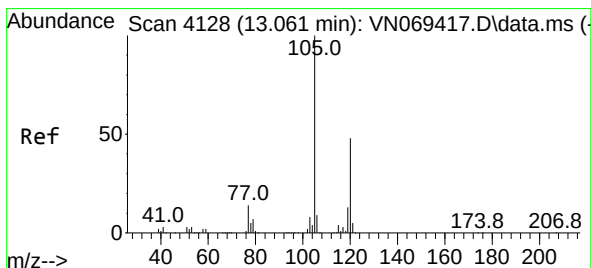
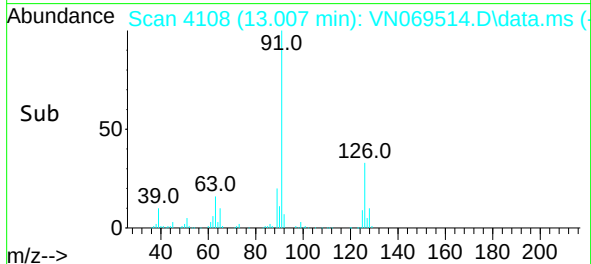
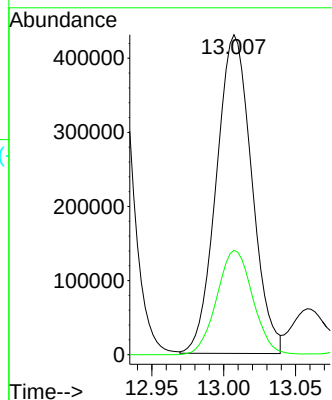
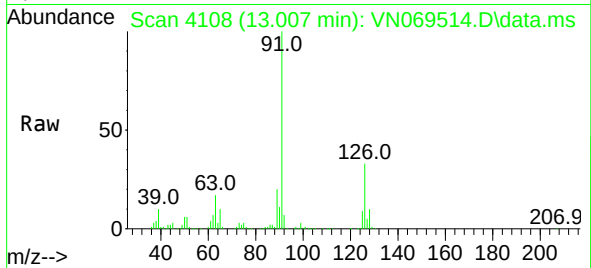
#79
2-Chlorotoluene
Concen: 19.072 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 91 Resp: 737270
Ion Ratio Lower Upper
91 100
126 33.2 18.3 54.8

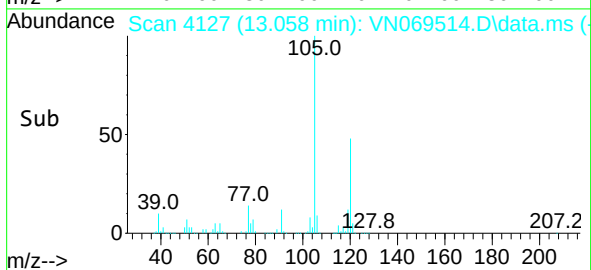
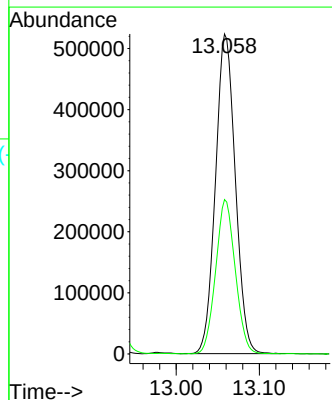
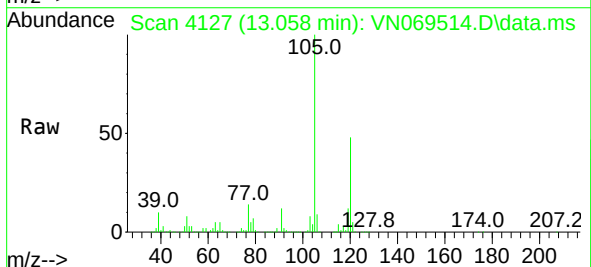
Manual Integrations
APPROVED

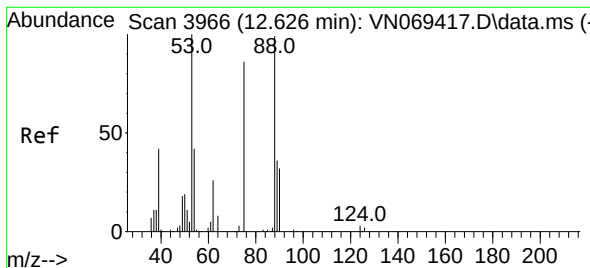
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.370 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

Tgt Ion:105 Resp: 868879
Ion Ratio Lower Upper
105 100
120 47.6 24.6 73.6





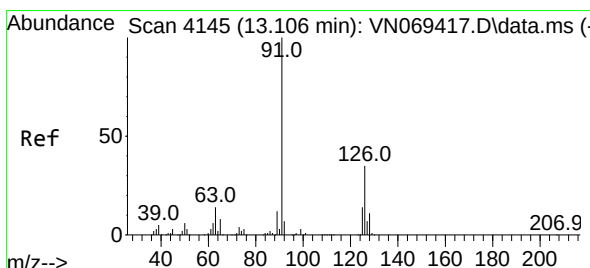
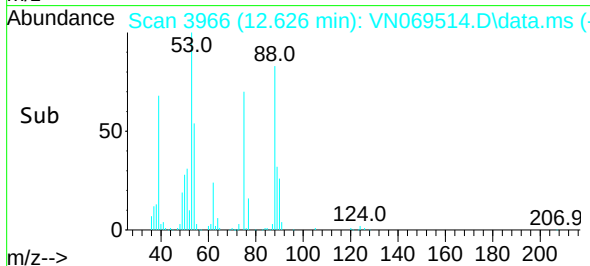
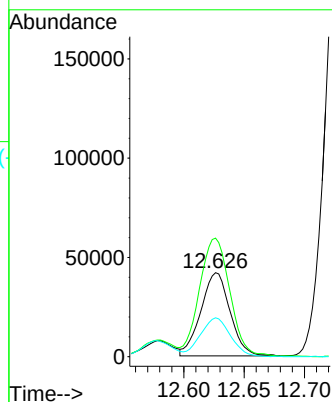
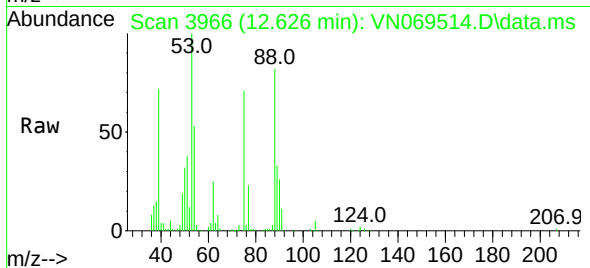
#81
trans-1,4-Dichloro-2-butene
Concen: 17.307 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 75 Resp: 70390
Ion Ratio Lower Upper
75 100
53 148.2 90.5 135.7
89 48.1 38.2 57.4

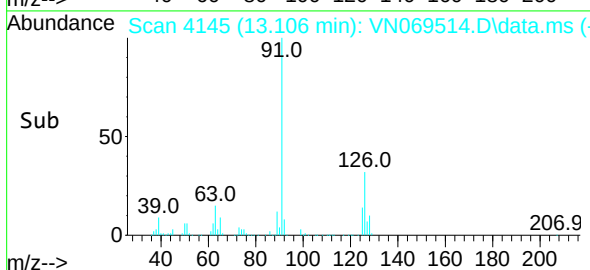
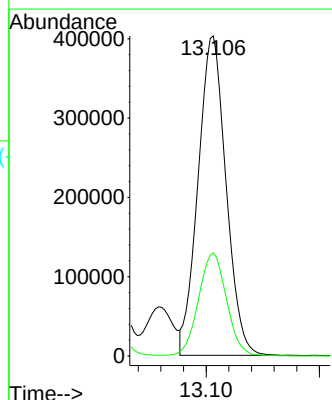
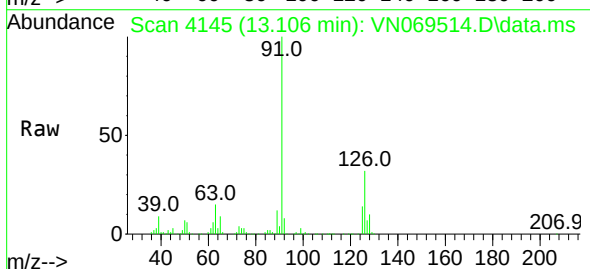
Manual Integrations
APPROVED

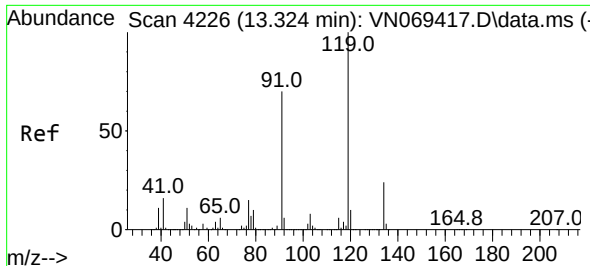
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 18.693 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

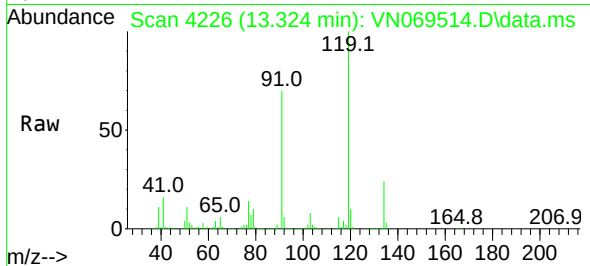
Tgt Ion: 91 Resp: 688875
Ion Ratio Lower Upper
91 100
126 32.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 19.768 ug/l
RT: 13.324 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

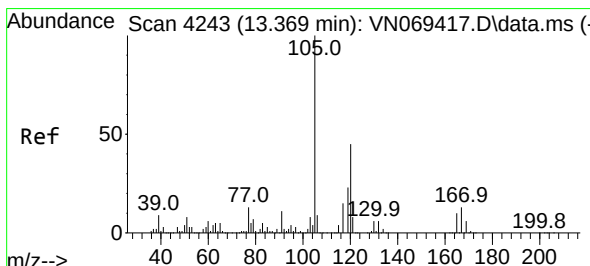
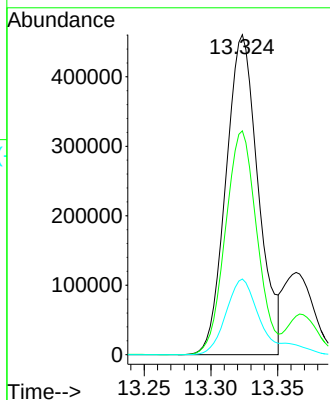
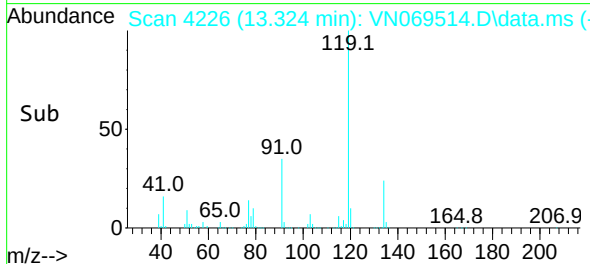
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion:119 Resp: 777072
Ion Ratio Lower Upper
119 100
91 68.1 31.5 94.5
134 26.2 12.4 37.4

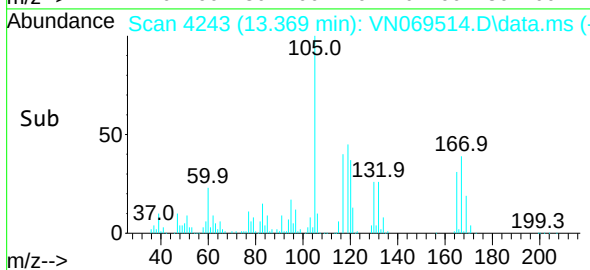
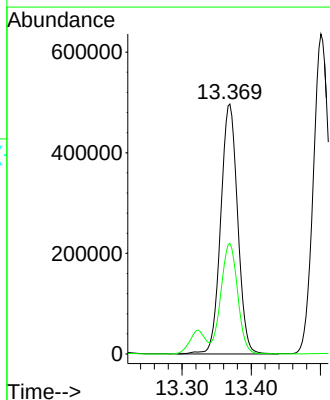
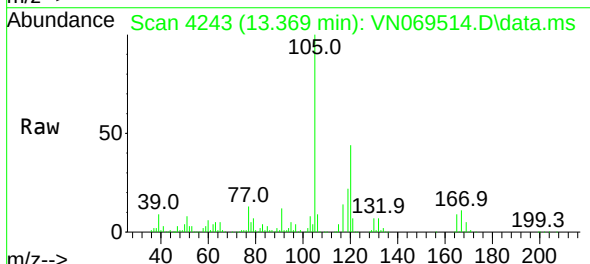
Manual Integrations
APPROVED

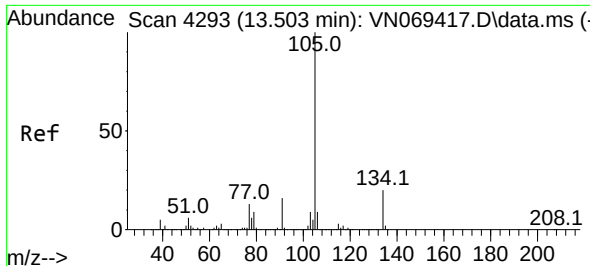
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#84
1,2,4-Trimethylbenzene
Concen: 19.508 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

Tgt Ion:105 Resp: 844803
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4





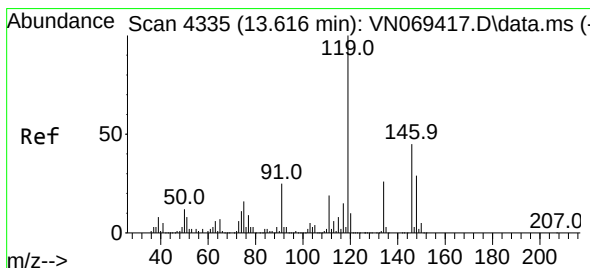
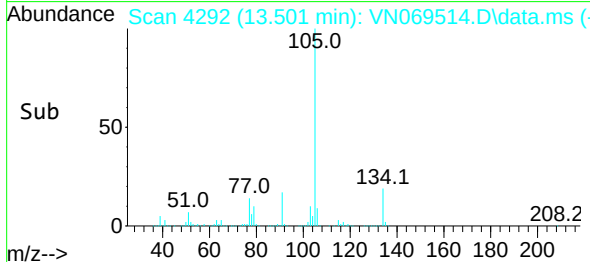
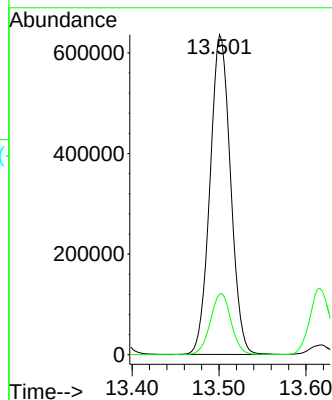
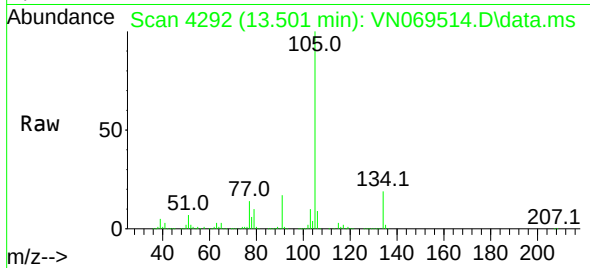
#85
 sec-Butylbenzene
 Concen: 18.986 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN069514.D
 Acq: 16 Nov 2021 17:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Tgt Ion:105 Resp: 104256
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

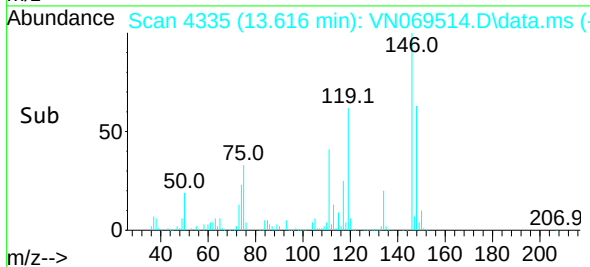
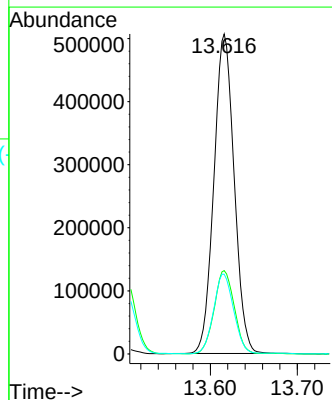
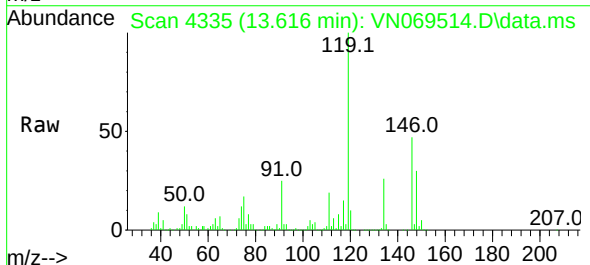
Manual Integrations
 APPROVED

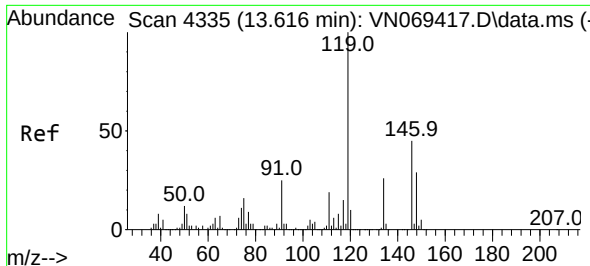
Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 18.830 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069514.D
 Acq: 16 Nov 2021 17:41

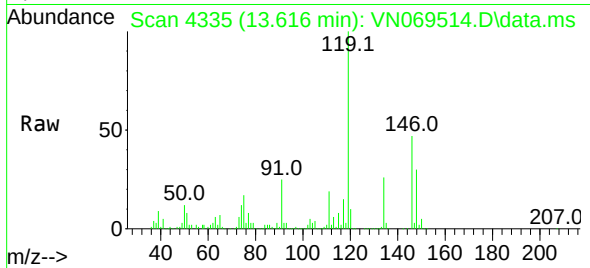
Tgt Ion:119 Resp: 820800
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 24.7 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 18.835 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

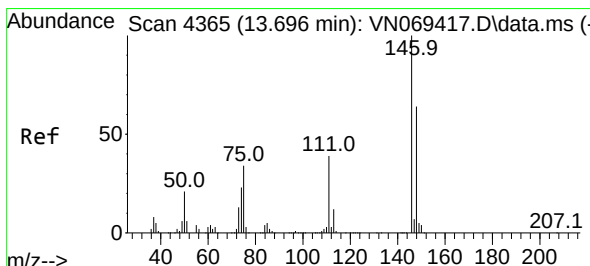
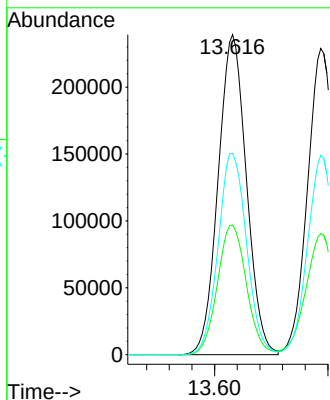
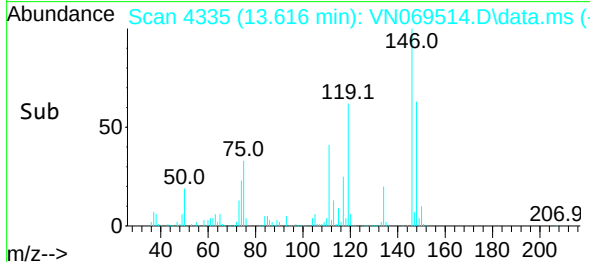
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



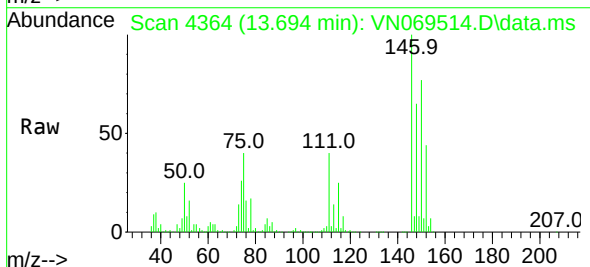
Tgt Ion:146 Resp: 41439
Ion Ratio Lower Upper
146 100
111 41.5 18.6 55.6
148 63.4 31.6 95.0

Manual Integrations
APPROVED

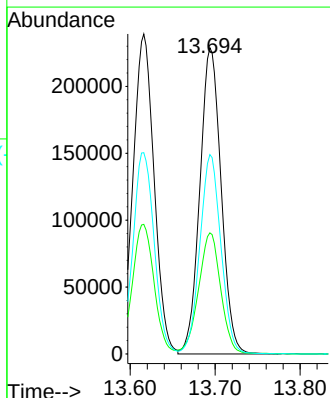
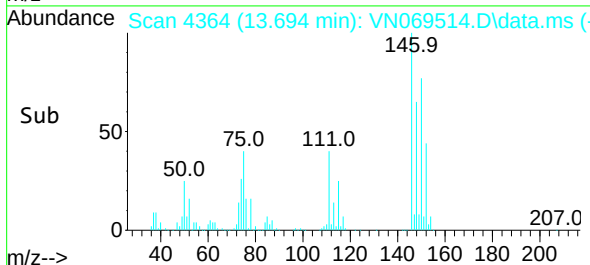
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

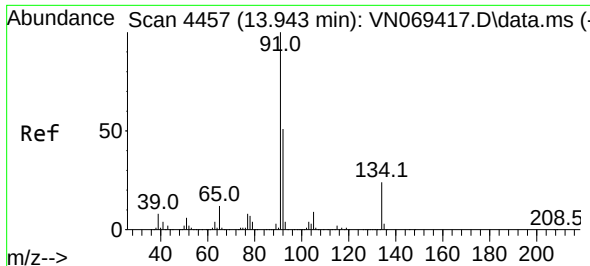


#88
1,4-Dichlorobenzene
Concen: 18.464 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41



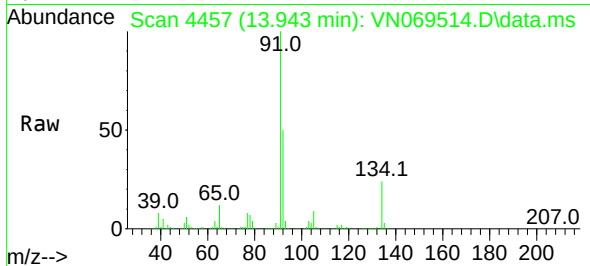
Tgt Ion:146 Resp: 398524
Ion Ratio Lower Upper
146 100
111 40.9 18.3 54.8
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 17.305 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

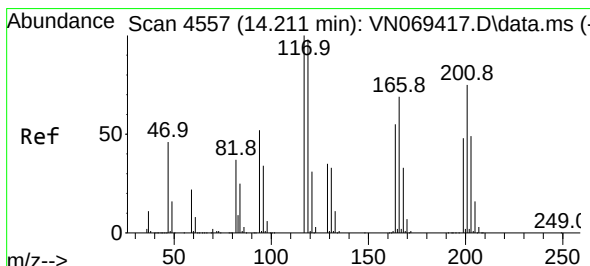
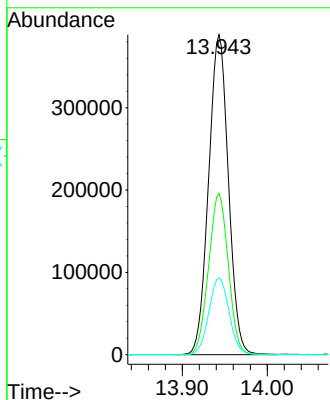
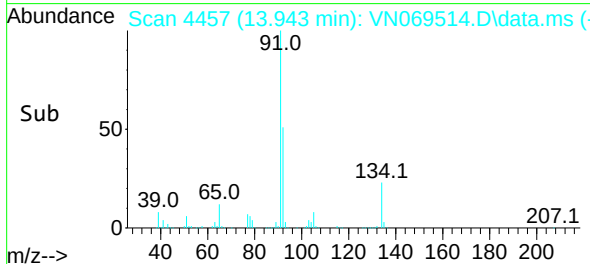
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 91 Resp: 62905
Ion Ratio Lower Upper
91 100
92 50.2 25.4 76.0
134 24.6 13.6 40.8

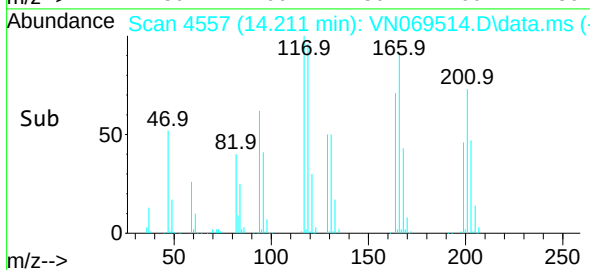
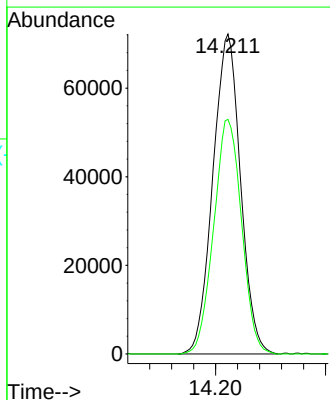
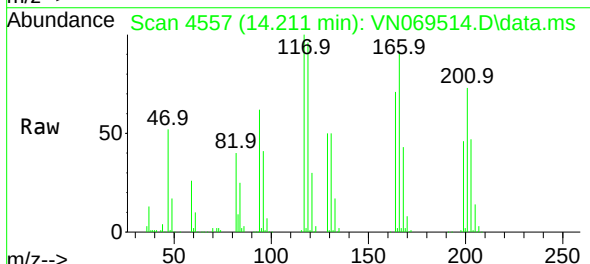
Manual Integrations
APPROVED

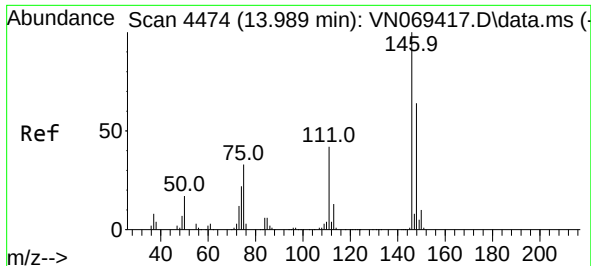
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 17.212 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

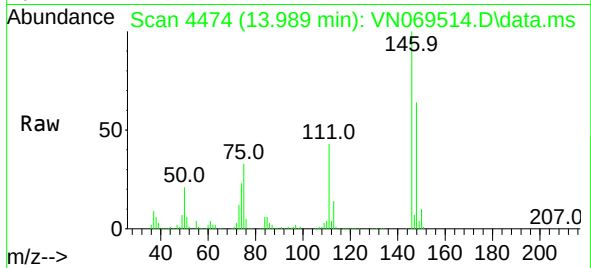
Tgt Ion:117 Resp: 126039
Ion Ratio Lower Upper
117 100
201 73.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.563 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

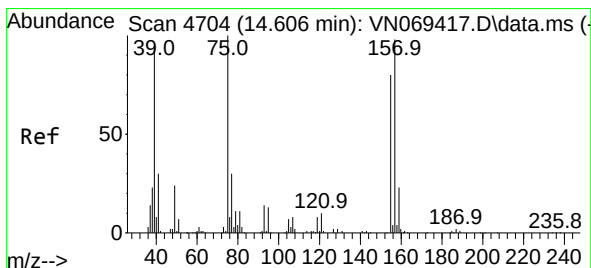
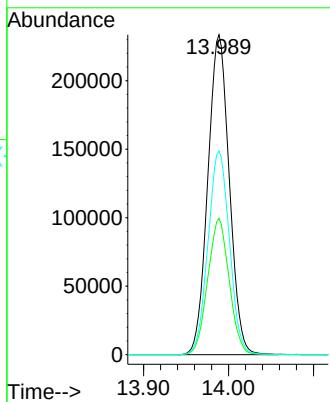
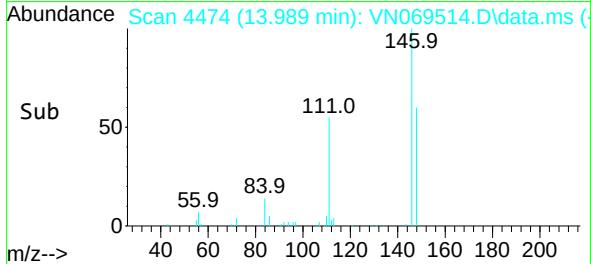
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion:146 Resp: 409564
Ion Ratio Lower Upper
146 100
111 42.5 19.1 57.3
148 63.8 32.1 96.3

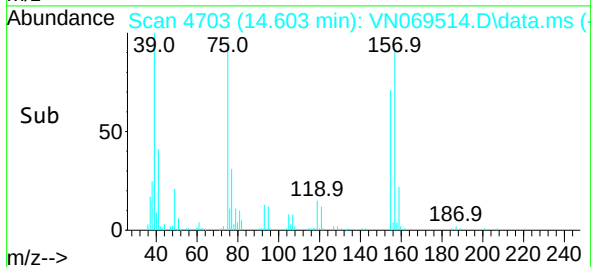
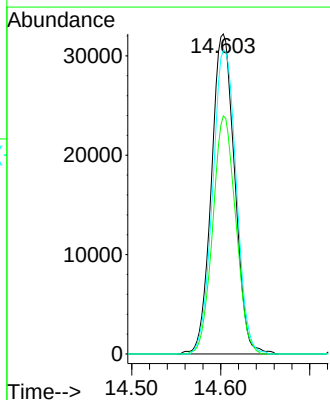
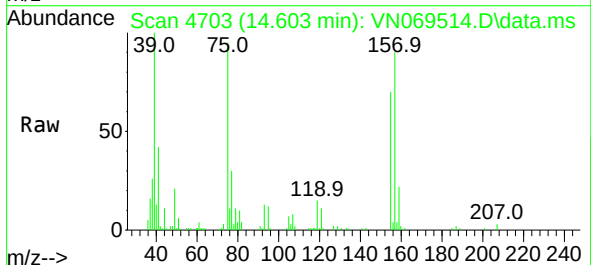
Manual Integrations
APPROVED

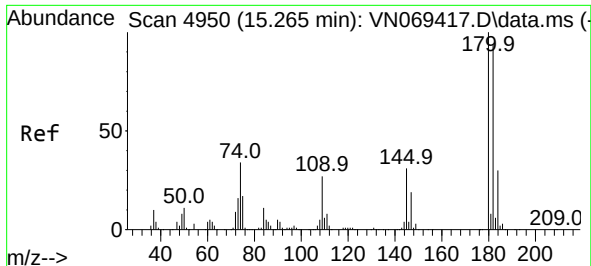
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.010 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

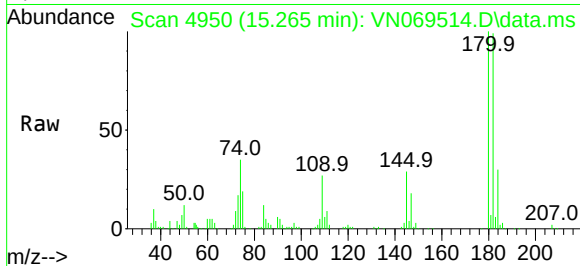
Tgt Ion: 75 Resp: 58513
Ion Ratio Lower Upper
75 100
155 73.5 46.9 140.7
157 96.2 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 16.851 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

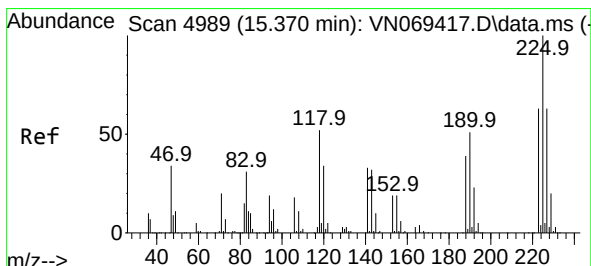
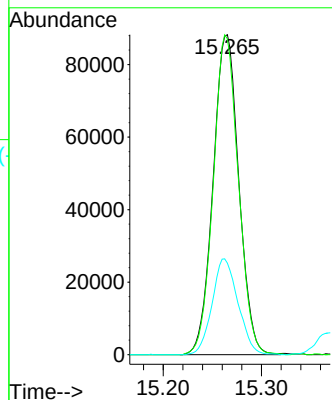
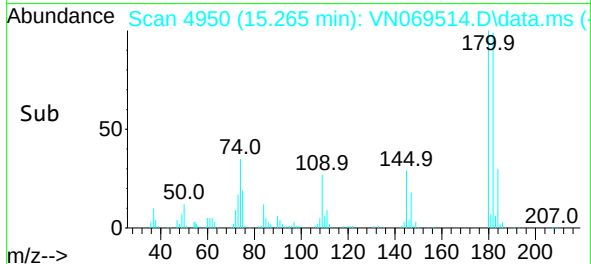
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion:180 Resp: 16070
Ion Ratio Lower Upper
180 100
182 97.6 48.3 144.9
145 30.1 14.5 43.5

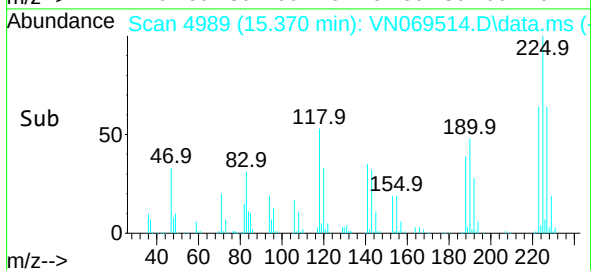
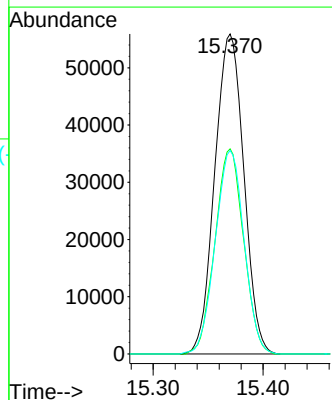
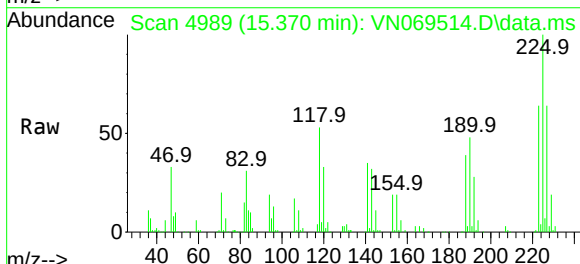
Manual Integrations
APPROVED

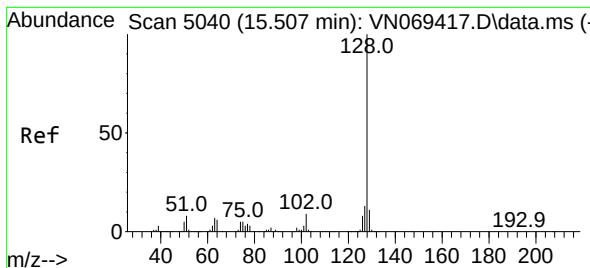
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#94
Hexachlorobutadiene
Concen: 18.881 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069514.D
Acq: 16 Nov 2021 17:41

Tgt Ion:225 Resp: 102707
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.7
227 63.1 32.1 96.3





#95

Naphthalene

Concen: 16.781 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

Lab File: VN069514.D

Acq: 16 Nov 2021 17:41

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

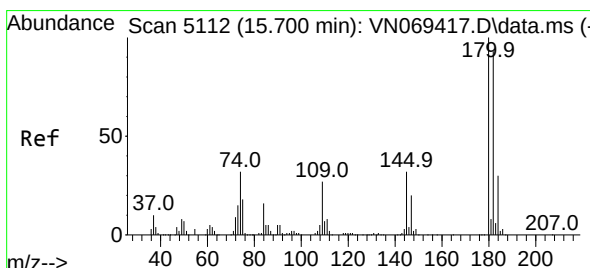
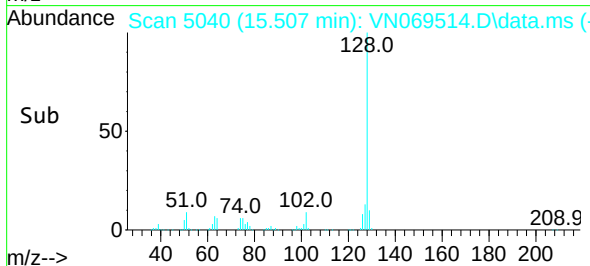
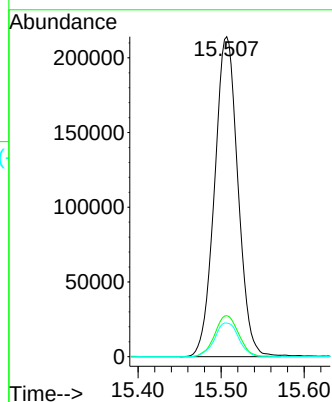
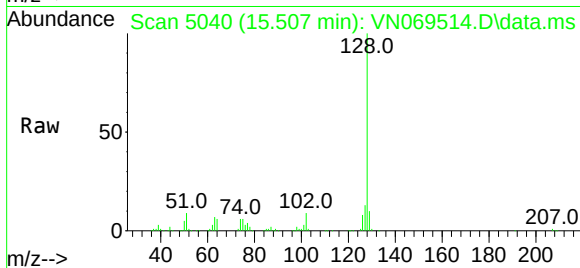
Tgt Ion:	128	Resp:	418730
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#96

1,2,3-Trichlorobenzene

Concen: 17.541 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. -0.000 min

Lab File: VN069514.D

Acq: 16 Nov 2021 17:41

Tgt Ion:	180	Resp:	160958
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.4	142.2
145	33.1	15.0	45.1

