

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
 Data File : VN069130.D
 Acq On : 22 Oct 2021 12:27
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/25/2021
 Supervised By : Mahesh Dadoda 10/25/2021

Quant Time: Oct 22 12:58:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 12:48:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	64753	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	365920	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	350458	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	148995	30.150	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.500%			
60) 4-Bromofluorobenzene	12.733	95	186776	33.226	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 110.767%			
63) Toluene-d8	10.443	98	468139	29.556	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.533%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.072	85	456762	144.564	ug/l	99
3) Chloromethane	2.300	50	463966	121.476	ug/l	96
4) Vinyl Chloride	2.443	62	555528	82.032	ug/l	99
5) Bromomethane	2.826	94	348097	55.744	ug/l	99
6) Chloroethane	3.000	64	345205	64.093	ug/l	97
7) Trichlorofluoromethane	3.368	101	714557	116.166	ug/l	99
8) Diethyl Ether	3.827	74	248997	115.913	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.213	101	383424m	109.006	ug/l	
10) 1,1-Dichloroethene	4.183	96	375483	114.274	ug/l	99
11) Methyl Iodide	4.425	142	560449	137.040	ug/l	96
12) Methyl Acetate	4.854	43	703335	121.358	ug/l	98
13) Acrolein	4.044	56	188169	704.125	ug/l	98
14) Acrylonitrile	5.554	53	1042101	572.792	ug/l	99
15) Acetone	4.285	58	307904	583.336	ug/l	98
16) Carbon Disulfide	4.535	76	1047729	118.892	ug/l	98
17) Allyl chloride	4.843	41	653566	123.209	ug/l	92
18) Methylene Chloride	5.098	84	442068	108.393	ug/l	97
19) trans-1,2-Dichloroethene	5.597	96	411893	108.091	ug/l	93
20) Diisopropyl ether	6.495	45	1400778	115.570	ug/l	95
21) 1,1-Dichloroethane	6.390	63	776292	110.969	ug/l	100
22) cis-1,2-Dichloroethene	7.326	96	492396	105.751	ug/l	100
23) tert-Butyl Alcohol	5.369	59	426344	621.075	ug/l #	100
24) Methyl tert-Butyl Ether	5.615	73	1442262	112.335	ug/l	98
25) Chloroform	7.820	83	833758	102.983	ug/l	99
26) Cyclohexane	8.096	56	714471	115.578	ug/l #	98
29) 1,1-Dichloropropene	8.225	75	617186	104.875	ug/l	97
30) 2-Butanone	7.335	43	1482686	551.229	ug/l	99
31) 2,2-Dichloropropane	7.326	77	731865	107.346	ug/l	98
32) 1,1,1-Trichloroethane	8.018	97	769219	102.993	ug/l	99
33) Carbon Tetrachloride	8.209	117	662494	100.405	ug/l	98
34) Benzene	8.461	78	1821287	104.328	ug/l	98
35) Methacrylonitrile	7.638	41	298703	113.457	ug/l	97
36) 1,2-Dichloroethane	8.531	62	659841	102.314	ug/l	99
37) Trichloroethene	9.217	130	465825	102.072	ug/l	94
38) Methylcyclohexane	9.461	83	777292	106.163	ug/l	98
39) 1,2-Dichloropropane	9.491	63	465068	106.838	ug/l	98
40) Dibromomethane	9.577	93	326894	97.439	ug/l	97
41) Bromodichloromethane	9.764	83	671258	101.794	ug/l	96
42) Vinyl Acetate	6.433	43	5367252	546.402	ug/l	99

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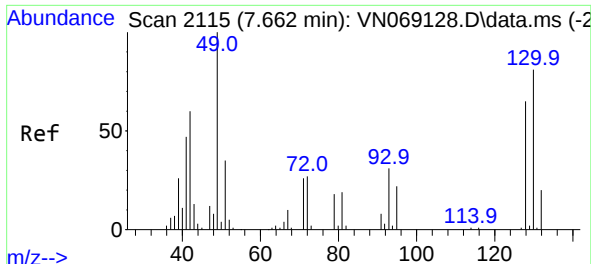
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Quant Time: Oct 22 12:58:22 2021
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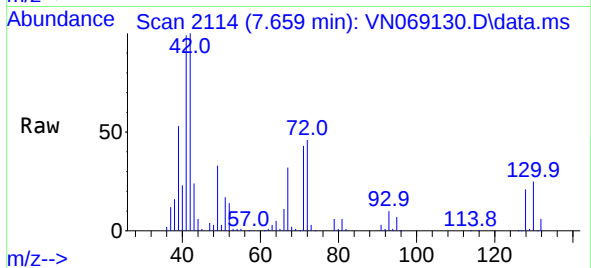
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	600495	111.048	ug/l	97
44) Isopropyl Acetate	8.560	43	1041993	107.529	ug/l	97
45) 1,4-Dioxane	9.569	88	176306	2278.239	ug/l	94
46) Methyl methacrylate	9.561	41	493167	115.433	ug/l	92
47) n-amyl Acetate	12.390	43	964422	118.046	ug/l	98
48) t-1,3-Dichloropropene	10.719	75	788246	108.513	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	808844	108.881	ug/l	95
50) 1,1,2-Trichloroethane	10.899	97	468222	100.242	ug/l	97
51) Ethyl methacrylate	10.762	69	794174	110.084	ug/l	93
52) 1,3-Dichloropropane	11.046	76	789330	103.348	ug/l	99
53) Dibromochloromethane	11.239	129	525612	99.813	ug/l	100
54) 1,2-Dibromoethane	11.349	107	498147	101.970	ug/l	97
55) 2-Chloroethyl vinyl ether	10.043	63	1270467	618.284	ug/l	99
56) Bromoform	12.460	173	394941	103.954	ug/l #	100
58) 4-Methyl-2-Pentanone	10.333	43	3119960	519.104	ug/l	97
59) 2-Hexanone	11.087	43	2354024	534.625	ug/l	97
61) Tetrachloroethene	10.979	164	396456	96.794	ug/l	97
62) Toluene	10.507	91	2123205	100.432	ug/l	98
64) Chlorobenzene	11.773	112	1314982	101.543	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	492201	98.953	ug/l	99
66) Ethyl Benzene	11.846	91	2419365	101.346	ug/l	98
67) m/p-Xylenes	11.956	106	1830362	199.039	ug/l	97
68) o-Xylene	12.283	106	924092	101.903	ug/l	98
69) Styrene	12.296	104	1576097	105.295	ug/l	97
70) Isopropylbenzene	12.580	105	2444326	101.902	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.830	83	711815	104.382	ug/l	98
72) 1,2,3-Trichloropropane	12.884	75	663617m	118.478	ug/l	
73) Bromobenzene	12.862	156	554221	101.777	ug/l	94
74) n-propylbenzene	12.924	91	2842125	103.609	ug/l	100
75) 2-Chlorotoluene	13.010	91	1725204	106.408	ug/l	96
76) 1,3,5-Trimethylbenzene	13.061	105	2041487	103.079	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	259921	119.742	ug/l	93
78) 4-Chlorotoluene	13.106	91	1711791	107.337	ug/l	96
79) tert-butylbenzene	13.326	119	1808299	103.847	ug/l	99
80) 1,2,4-Trimethylbenzene	13.369	105	1999343m	101.904	ug/l	
81) sec-Butylbenzene	13.506	105	2535757	102.297	ug/l	100
82) p-Isopropyltoluene	13.618	119	2101494	102.675	ug/l	100
83) 1,3-Dichlorobenzene	13.618	146	998042	99.995	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	984921	103.789	ug/l	98
85) n-Butylbenzene	13.946	91	1806666	107.669	ug/l	98
86) Hexachloroethane	14.214	117	401951	104.668	ug/l	93
87) 1,2-Dichlorobenzene	13.991	146	947304	102.135	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.605	75	139168	115.042	ug/l	98
89) 1,2,4-Trichlorobenzene	15.265	180	495698	109.926	ug/l	98
90) Hexachlorobutadiene	15.372	225	244721	106.961	ug/l	99
91) Naphthalene	15.507	128	1434598	115.162	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	475833	111.107	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

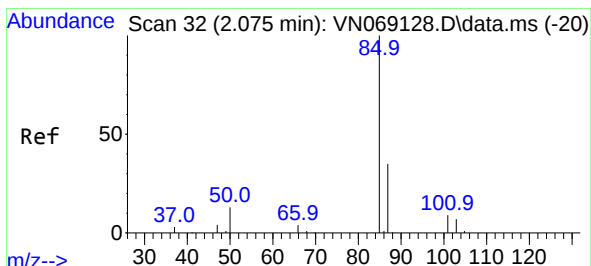
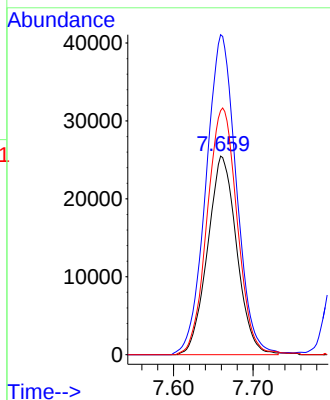
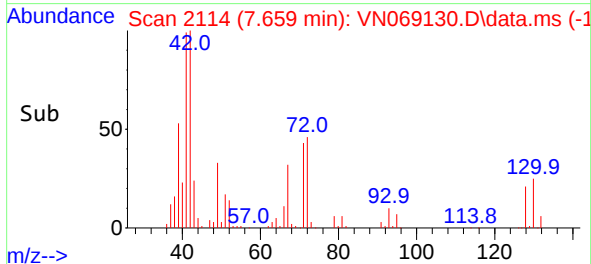
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



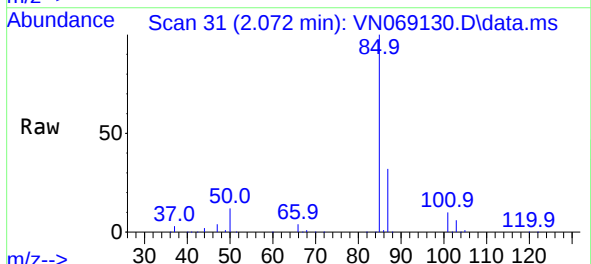
Tgt Ion:128 Resp: 6475
Ion Ratio Lower Upper
128 100
49 167.8 0.0 392.3
130 128.3 0.0 320.2

Manual Integrations
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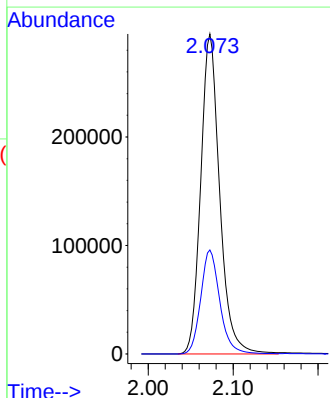
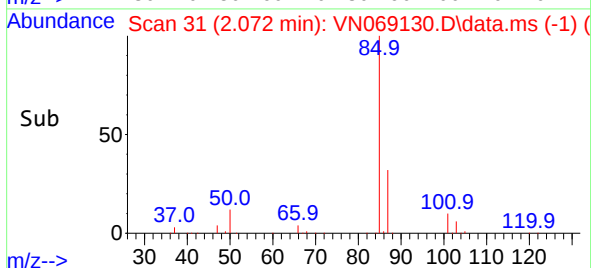
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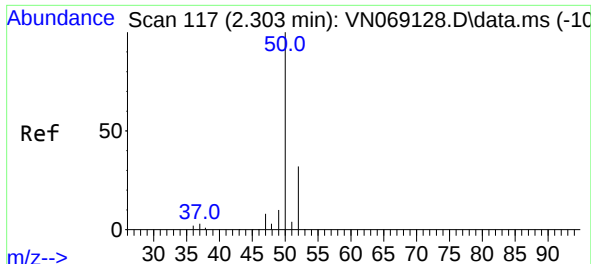


#2
Dichlorodifluoromethane
Concen: 144.564 ug/l
RT: 2.072 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



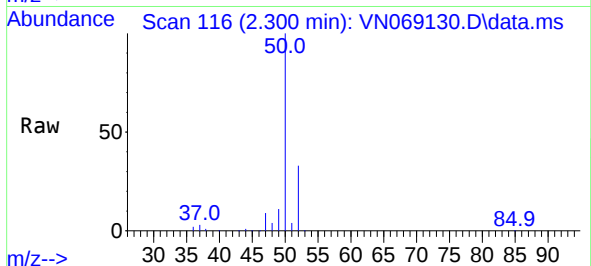
Tgt Ion: 85 Resp: 456762
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.7





#3
Chloromethane
Concen: 121.476 ug/l
RT: 2.300 min Scan# 117
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

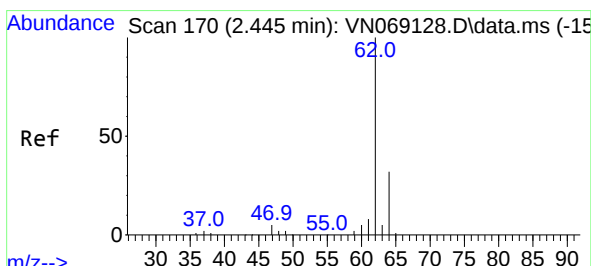
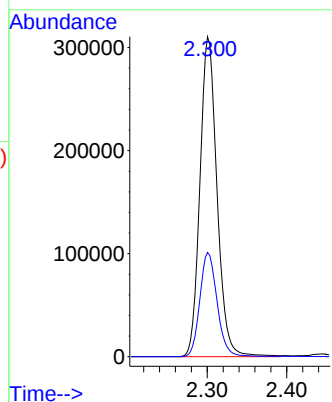
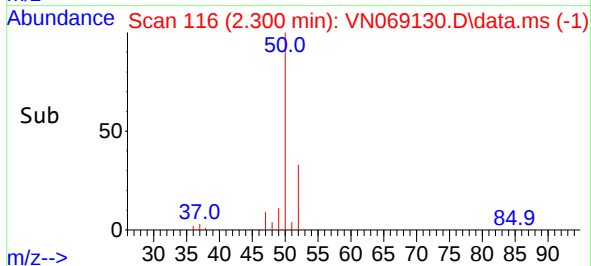
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 463960
Ion Ratio Lower Upper
50 100
52 32.5 27.8 41.6

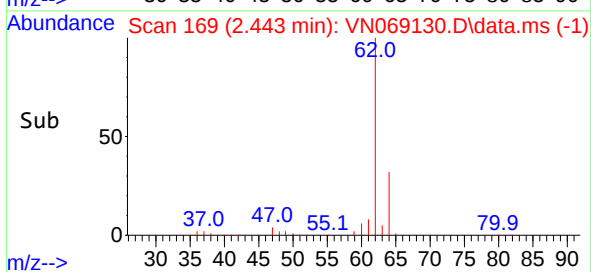
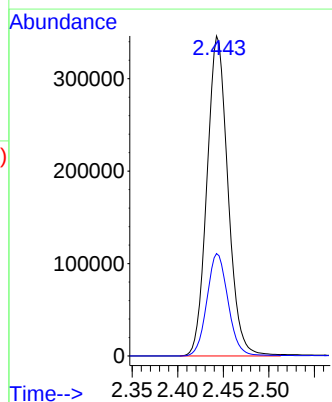
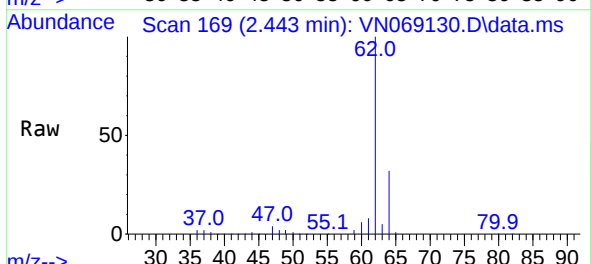
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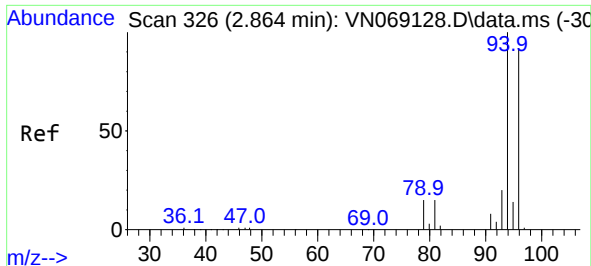
Reviewed By :John Carlone 10/25/2021
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#4
Vinyl Chloride
Concen: 82.032 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

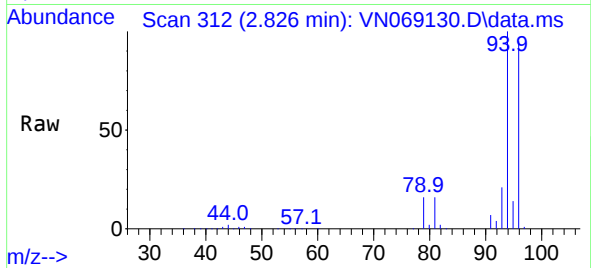
Tgt Ion: 62 Resp: 555528
Ion Ratio Lower Upper
62 100
64 32.0 25.1 37.7





#5
Bromomethane
Concen: 55.744 ug/l
RT: 2.826 min Scan# 312
Delta R.T. -0.038 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

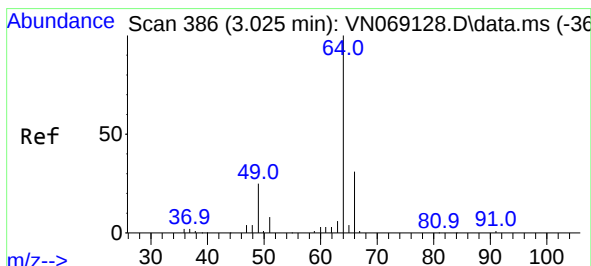
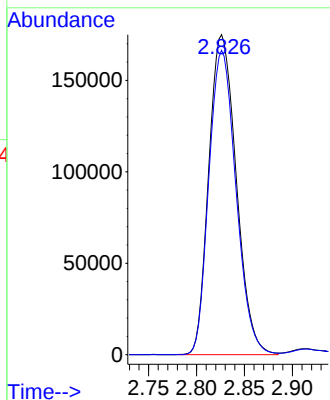
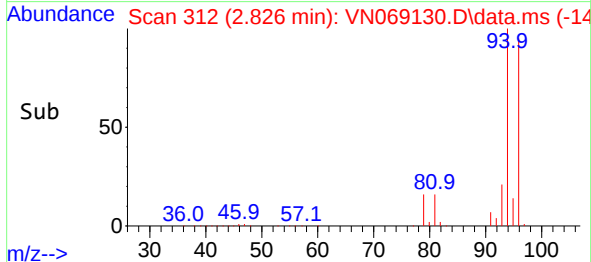
Instrument :
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ClientSampleId :
VSTDIC100



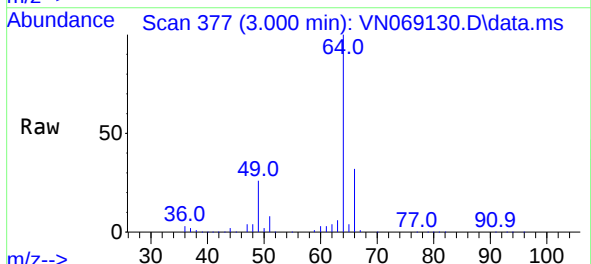
Tgt Ion: 94 Resp: 34809
Ion Ratio Lower Upper
94 100
96 95.0 75.2 112.8

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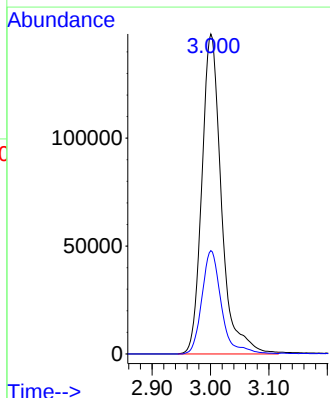
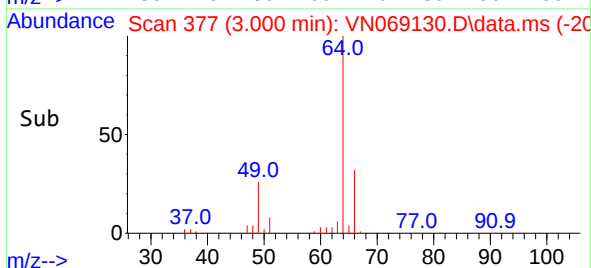
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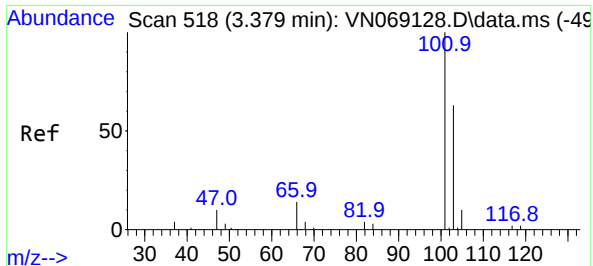


#6
Chloroethane
Concen: 64.093 ug/l
RT: 3.000 min Scan# 377
Delta R.T. -0.024 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



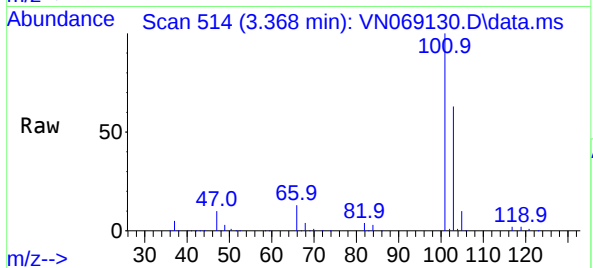
Tgt Ion: 64 Resp: 345205
Ion Ratio Lower Upper
64 100
66 32.3 24.6 36.8





#7
Trichlorofluoromethane
Concen: 116.166 ug/l
RT: 3.368 min Scan# 518
Delta R.T. -0.011 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

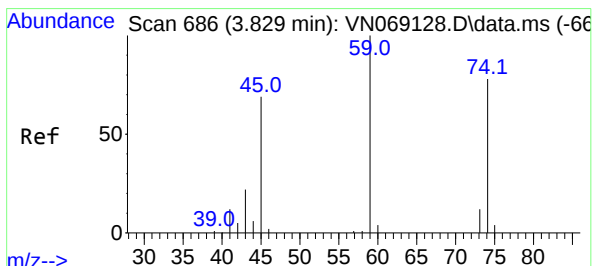
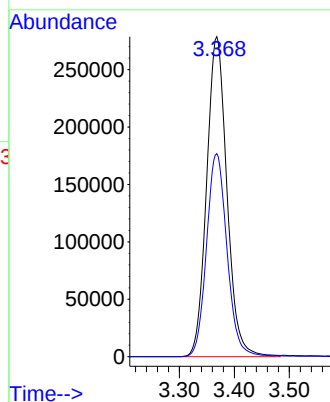
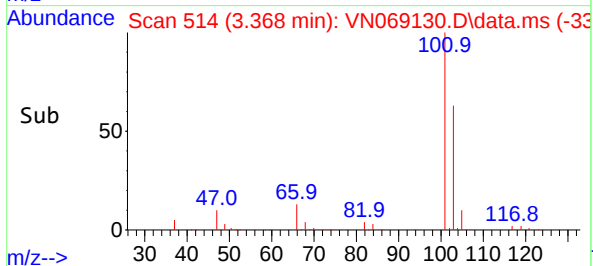
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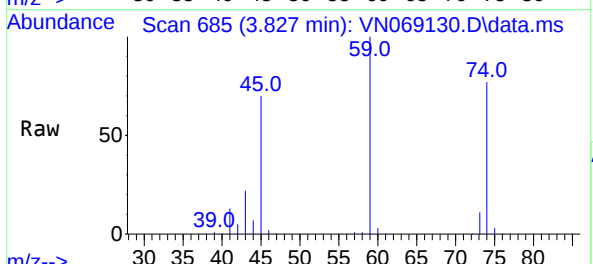
Tgt Ion:101 Resp: 71455
Ion Ratio Lower Upper
101 100
103 63.4 50.1 75.1

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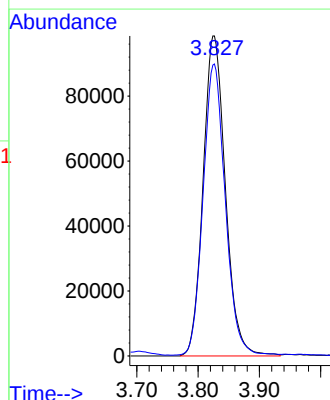
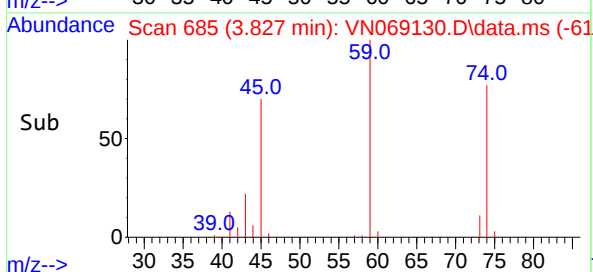
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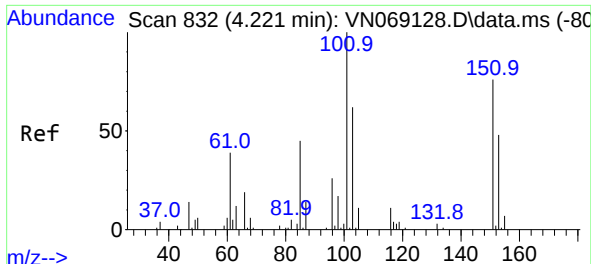


#8
Diethyl Ether
Concen: 115.913 ug/l
RT: 3.827 min Scan# 685
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



Tgt Ion: 74 Resp: 248997
Ion Ratio Lower Upper
74 100
45 90.5 17.6 158.8





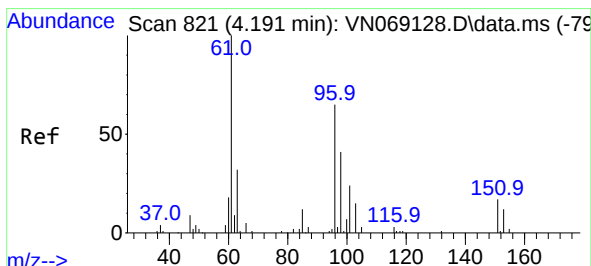
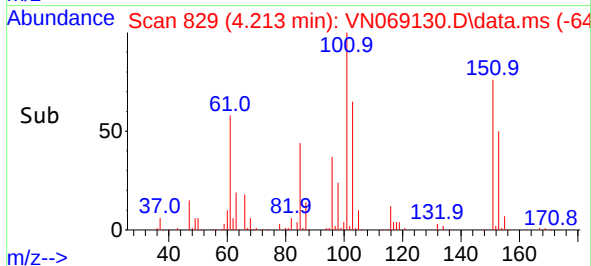
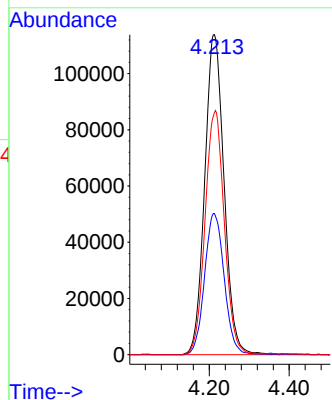
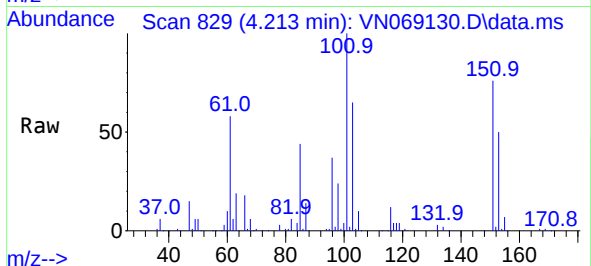
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1,1,2-Trichlorotrifluoroethane
Concen: 109.006 ug/l m
RT: 4.213 min Scan# 81
Delta R.T. -0.008 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 383424
Ion Ratio Lower Upper
101 100
85 0.0 0.0 94.0
151 0.0 0.0 74.6

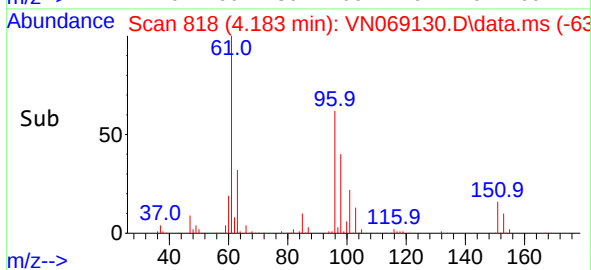
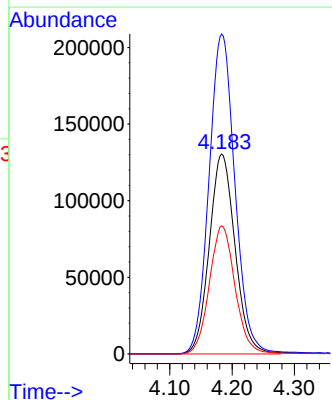
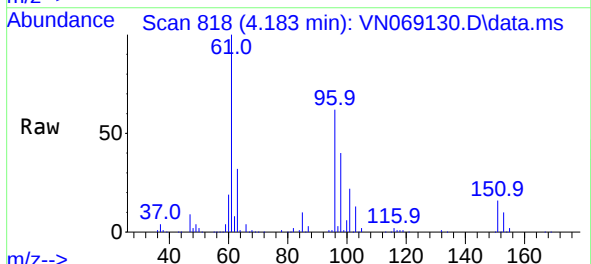
Manual Integrations
APPROVED

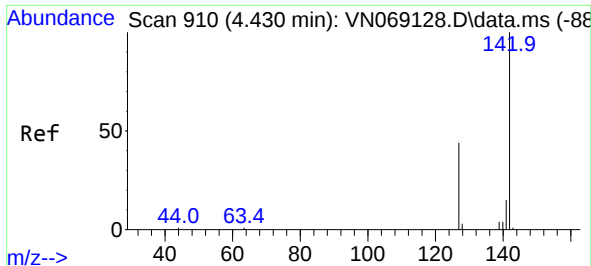
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#10
1,1-Dichloroethene
Concen: 114.274 ug/l
RT: 4.183 min Scan# 818
Delta R.T. -0.008 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

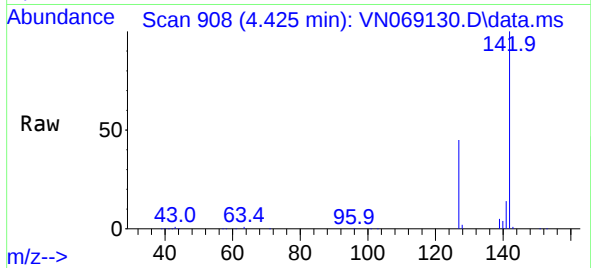
Tgt Ion: 96 Resp: 375483
Ion Ratio Lower Upper
96 100
61 159.8 126.2 189.4
98 64.1 50.9 76.3





#11
Methyl Iodide
Concen: 137.040 ug/l
RT: 4.425 min Scan# 908
Delta R.T. -0.005 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

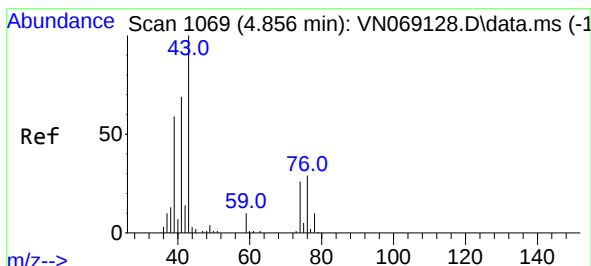
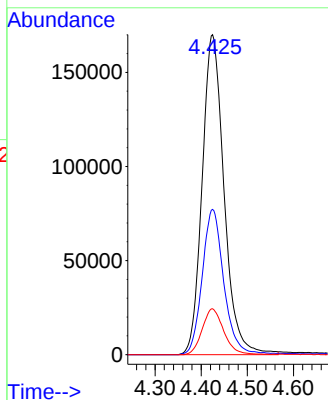
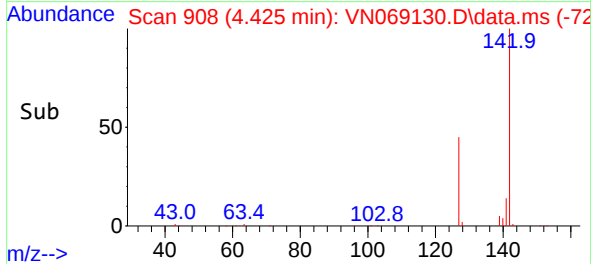
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



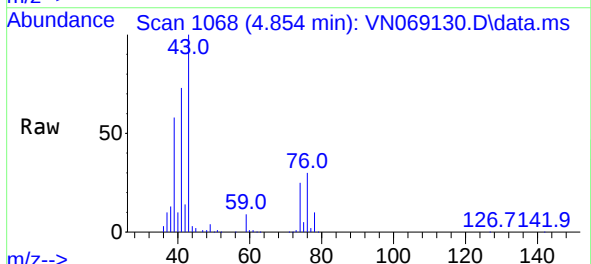
Tgt Ion:142 Resp: 560449
Ion Ratio Lower Upper
142 100
127 45.4 24.0 72.0
141 14.4 8.4 25.2

Manual Integrations
APPROVED

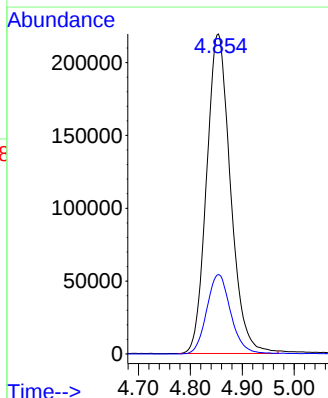
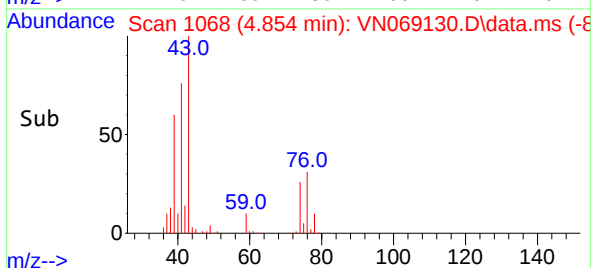
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

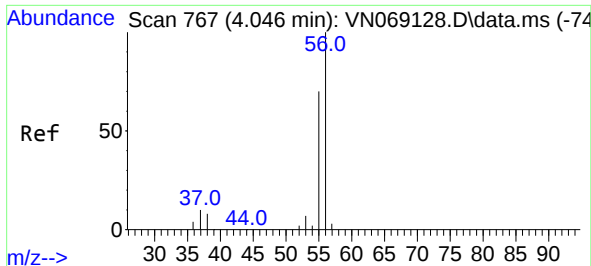


#12
Methyl Acetate
Concen: 121.358 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



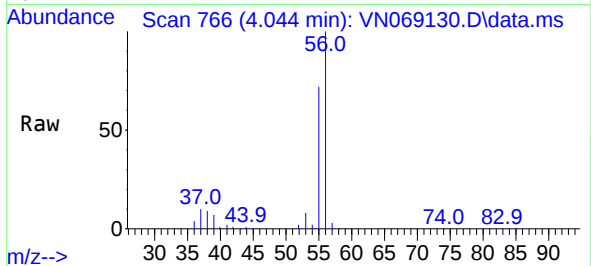
Tgt Ion: 43 Resp: 703335
Ion Ratio Lower Upper
43 100
74 24.8 20.8 31.2





#13
Acrolein
Concen: 704.125 ug/l
RT: 4.044 min Scan# 767
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

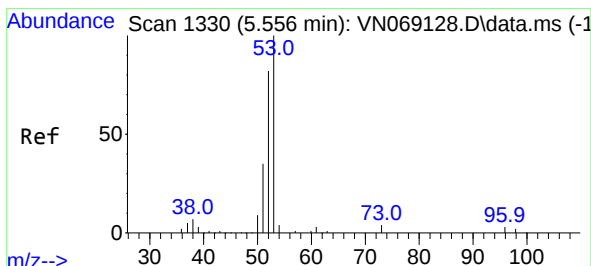
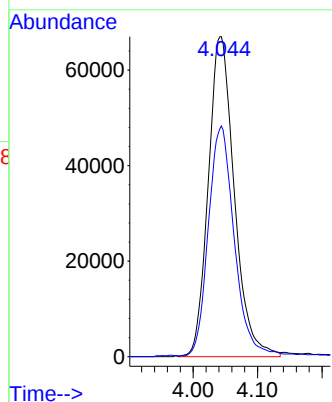
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 188169
Ion Ratio Lower Upper
56 100
55 70.5 57.6 86.4

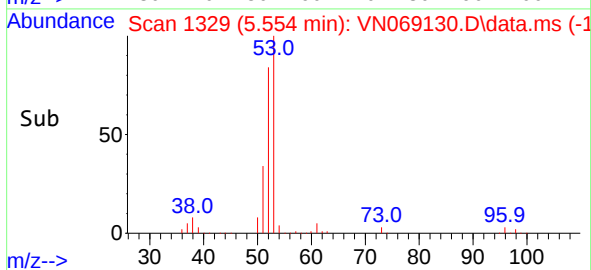
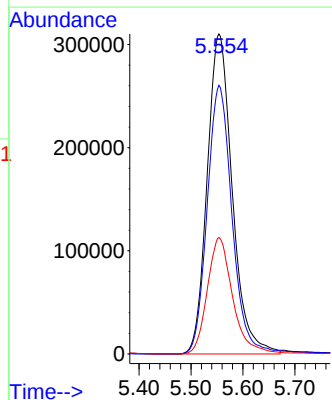
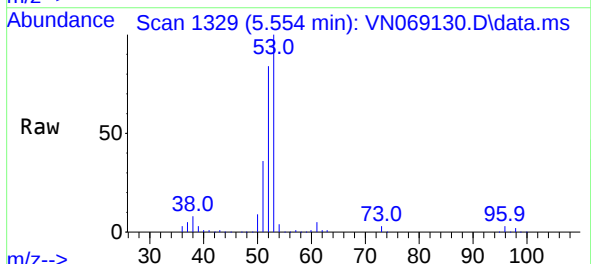
Manual Integrations
APPROVED

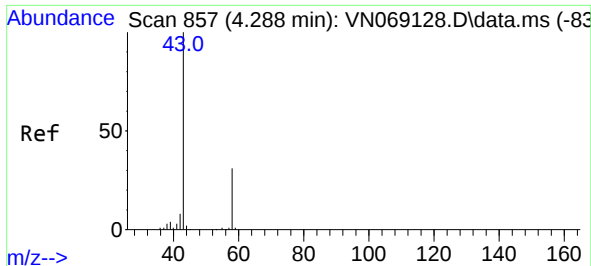
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#14
Acrylonitrile
Concen: 572.792 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

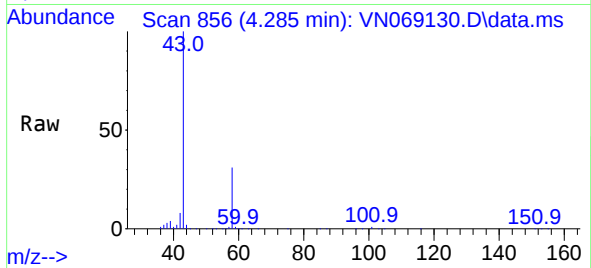
Tgt Ion: 53 Resp: 1042101
Ion Ratio Lower Upper
53 100
52 82.7 41.8 125.4
51 36.8 19.0 57.0





#15
Acetone
Concen: 583.336 ug/l
RT: 4.285 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

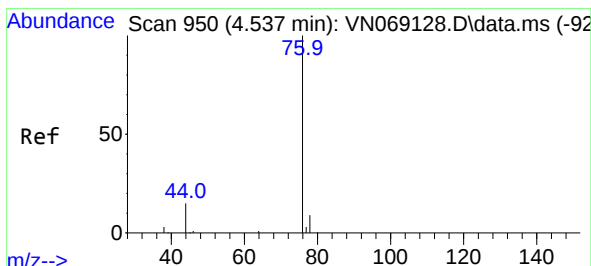
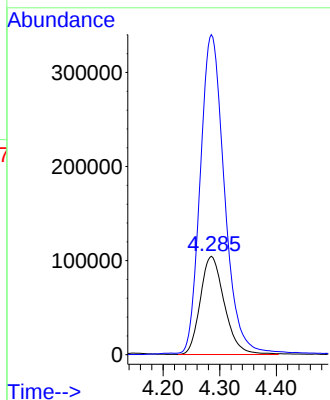
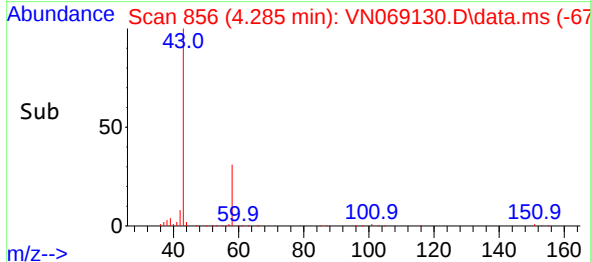
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



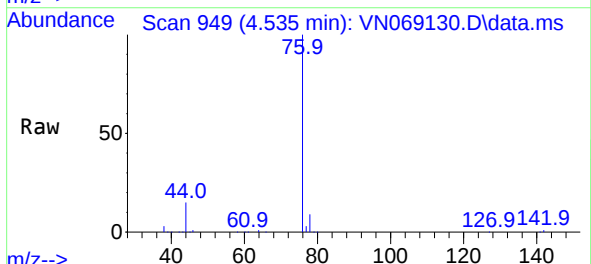
Tgt Ion: 58 Resp: 307904
Ion Ratio Lower Upper
58 100
43 324.3 256.6 384.8

Manual Integrations
APPROVED

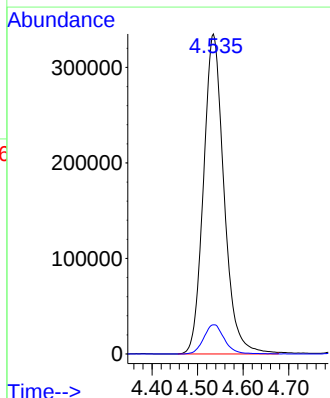
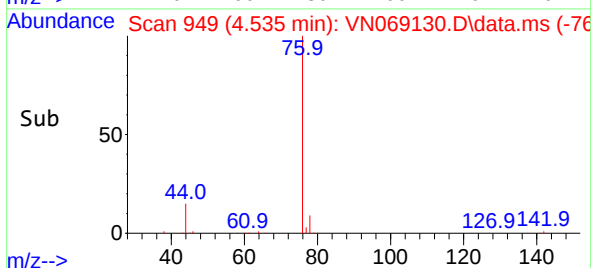
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

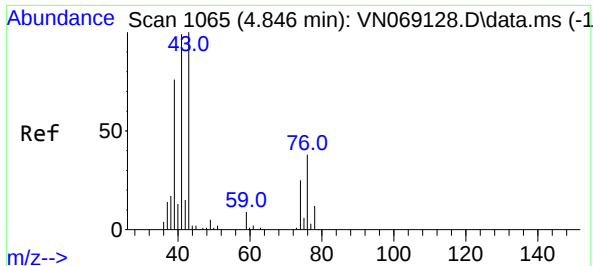


#16
Carbon Disulfide
Concen: 118.892 ug/l
RT: 4.535 min Scan# 949
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



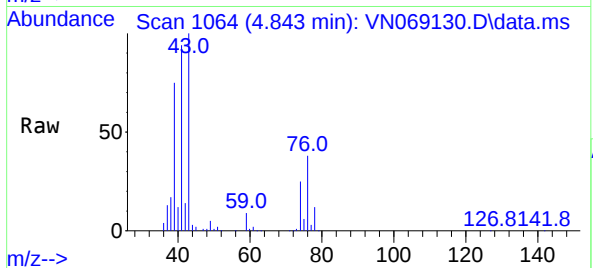
Tgt Ion: 76 Resp: 1047729
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8





#17
Allyl chloride
Concen: 123.209 ug/l
RT: 4.843 min Scan# 1065
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

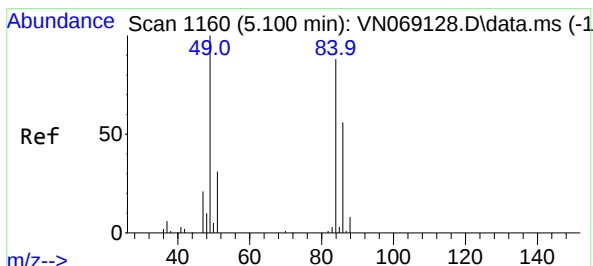
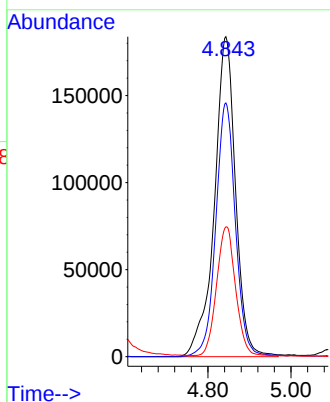
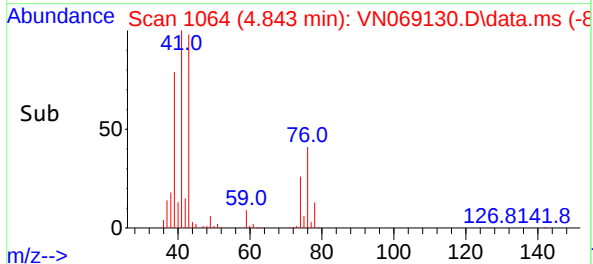
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 65356
Ion Ratio Lower Upper
41 100
39 79.3 44.6 134.0
76 40.2 19.6 58.7

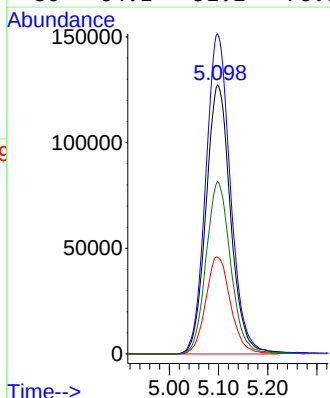
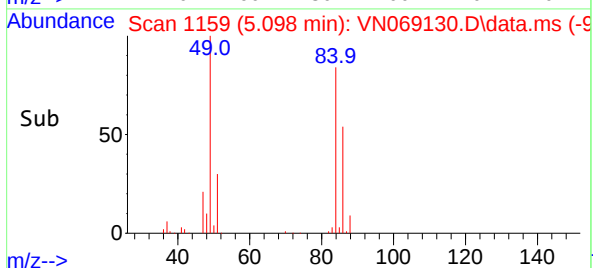
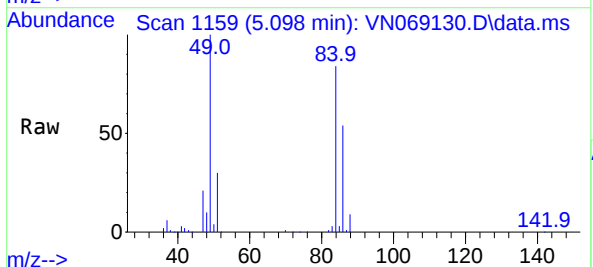
Manual Integrations
APPROVED

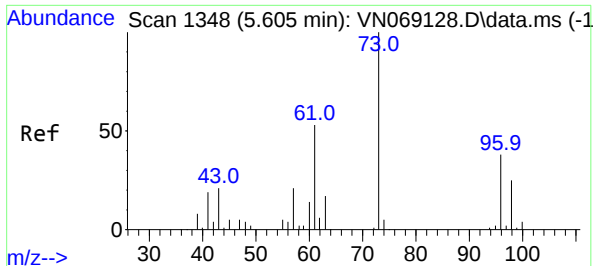
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#18
Methylene Chloride
Concen: 108.393 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

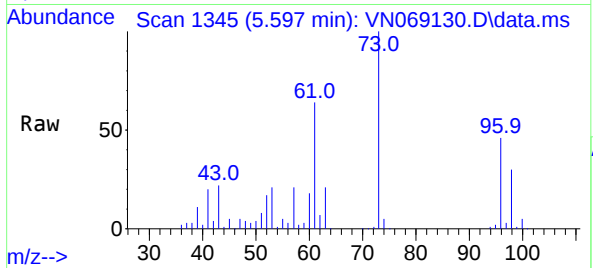
Tgt Ion: 84 Resp: 442068
Ion Ratio Lower Upper
84 100
49 118.8 91.4 137.0
51 36.0 29.4 44.0
86 64.1 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 108.091 ug/l
RT: 5.597 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

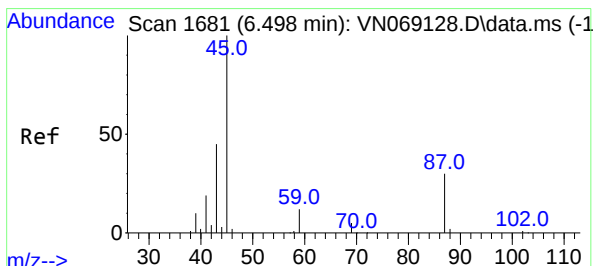
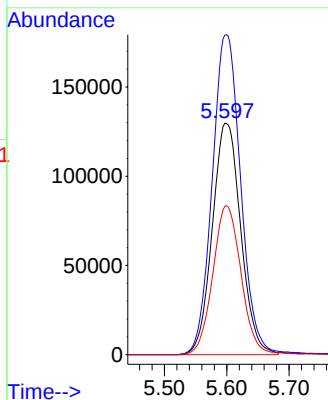
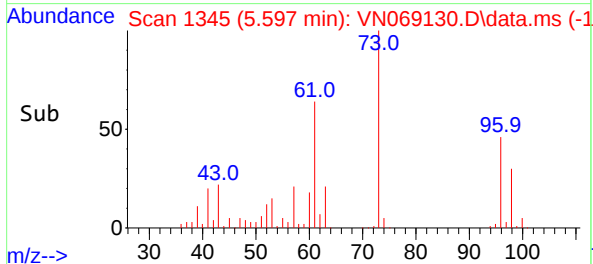
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



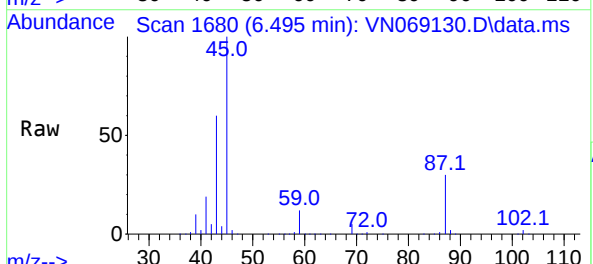
Tgt Ion: 96 Resp: 41189
Ion Ratio Lower Upper
96 100
61 138.1 102.8 154.2
98 64.1 49.3 73.9

Manual Integrations
APPROVED

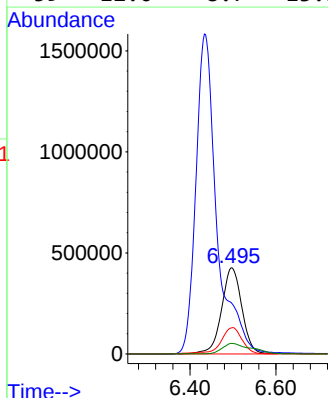
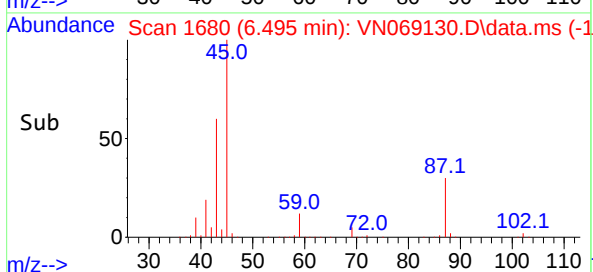
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

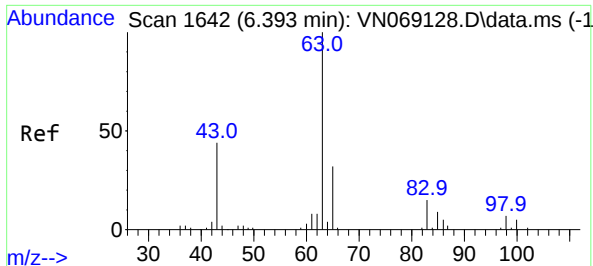


#20
Diisopropyl ether
Concen: 115.570 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



Tgt Ion: 45 Resp: 1400778
Ion Ratio Lower Upper
45 100
43 58.6 51.0 76.4
87 30.0 25.0 37.4
59 12.0 8.7 13.1





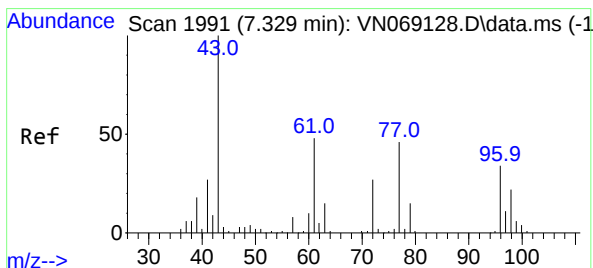
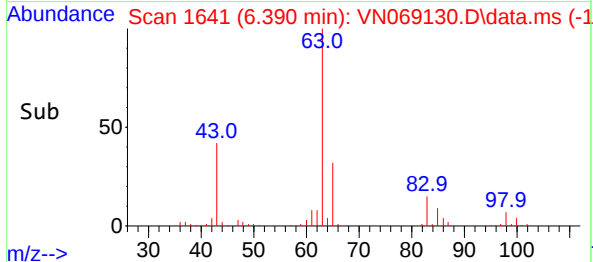
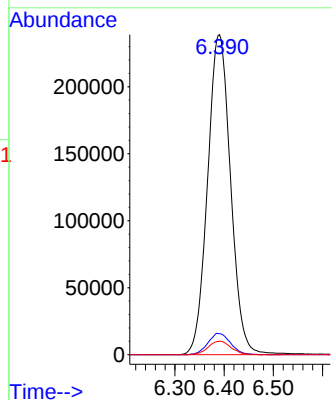
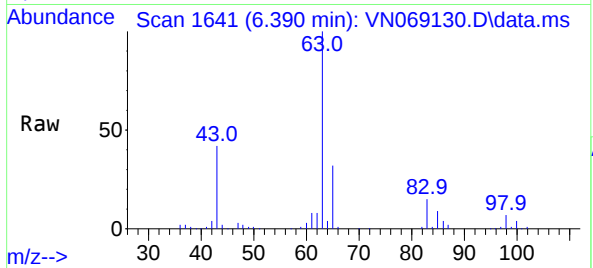
#21
1,1-Dichloroethane
Concen: 110.969 ug/l
RT: 6.390 min Scan# 1642
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 77629
Ion Ratio Lower Upper
63 100
98 6.6 3.2 9.6
100 4.2 2.1 6.2

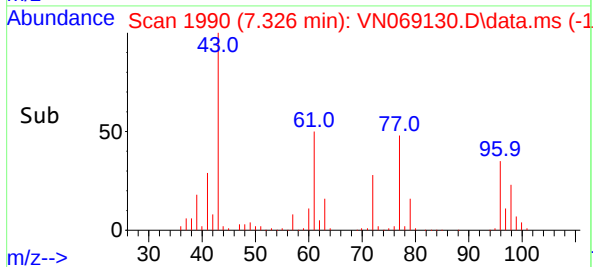
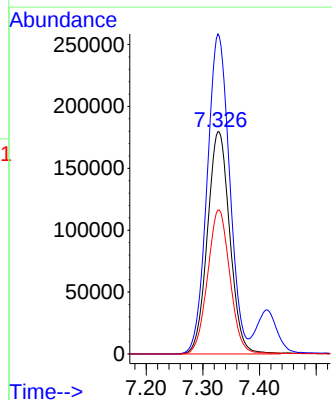
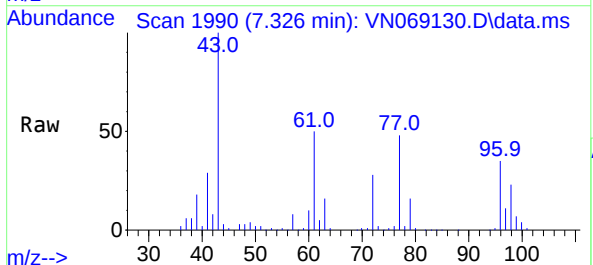
Manual Integrations
APPROVED

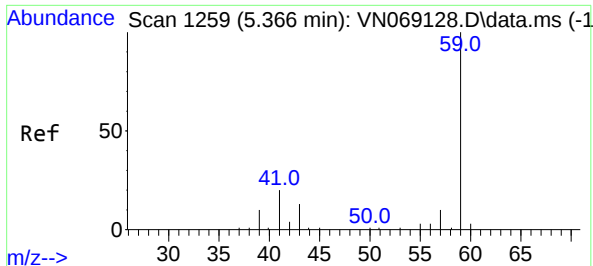
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#22
cis-1,2-Dichloroethene
Concen: 105.751 ug/l
RT: 7.326 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Tgt Ion: 96 Resp: 492396
Ion Ratio Lower Upper
96 100
61 144.4 115.7 173.5
98 64.7 51.6 77.4





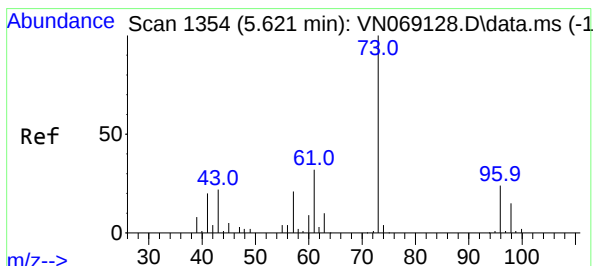
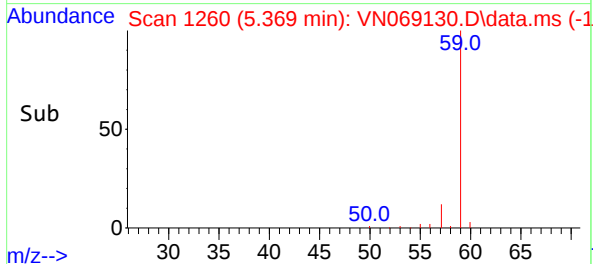
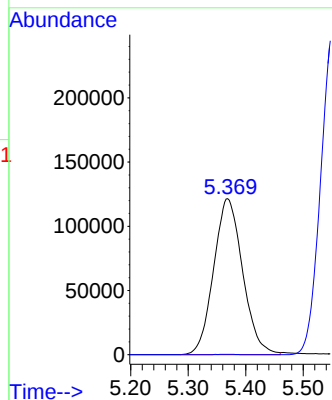
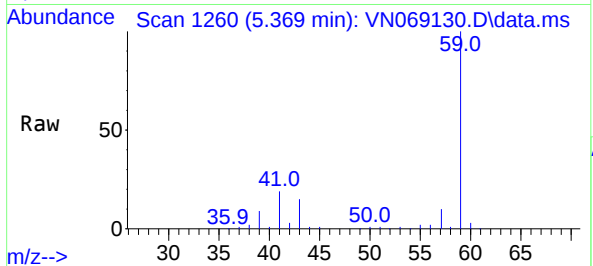
#23
tert-Butyl Alcohol
Concen: 621.075 ug/l
RT: 5.369 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 426344
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

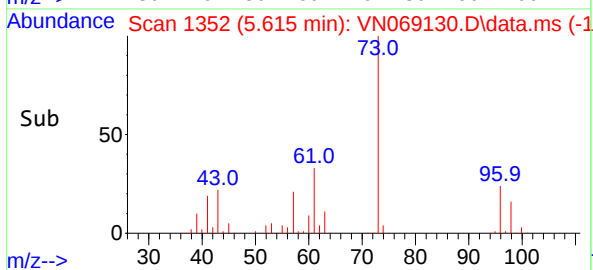
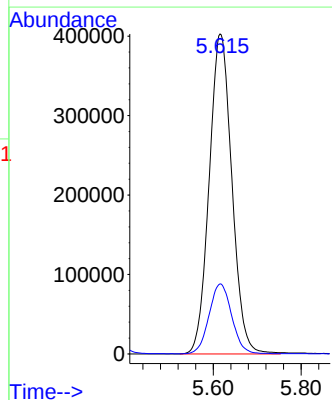
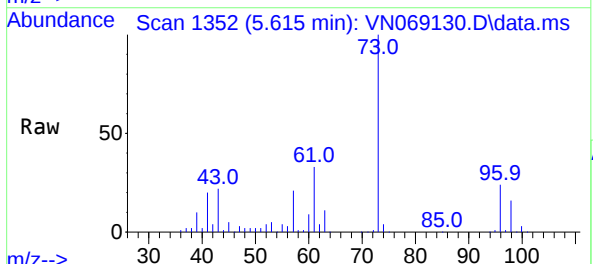
Manual Integrations
APPROVED

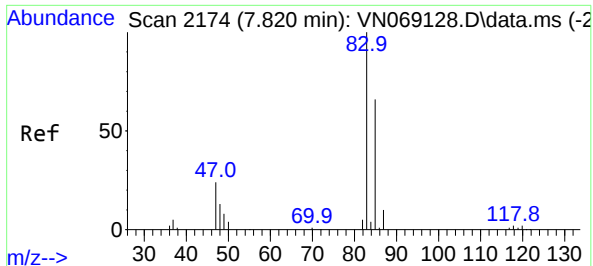
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#24
Methyl tert-Butyl Ether
Concen: 112.335 ug/l
RT: 5.615 min Scan# 1352
Delta R.T. -0.005 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Tgt Ion: 73 Resp: 1442262
Ion Ratio Lower Upper
73 100
43 21.7 18.1 27.1





#25

Chloroform

Concen: 102.983 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. -0.000 min

Lab File: VN069130.D

Acq: 22 Oct 2021 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 833758

Ion Ratio Lower Upper

83 100

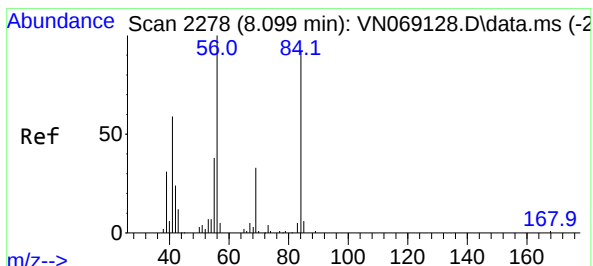
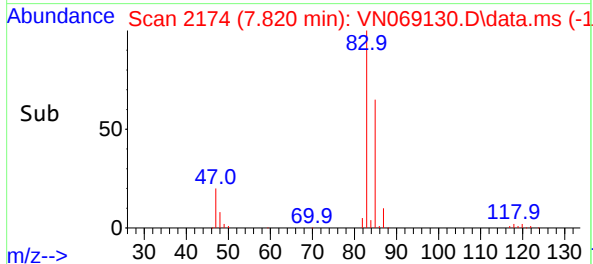
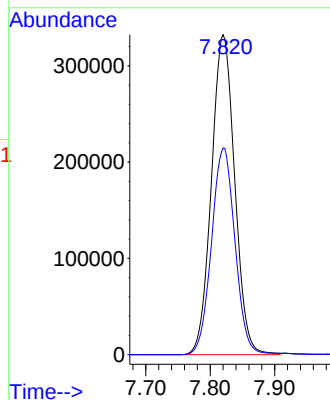
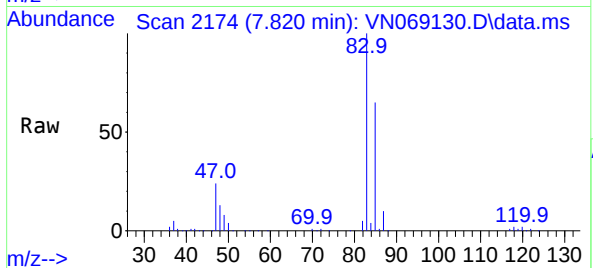
85 64.6 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#26

Cyclohexane

Concen: 115.578 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. -0.003 min

Lab File: VN069130.D

Acq: 22 Oct 2021 12:27

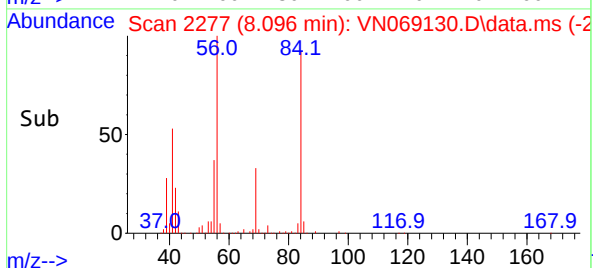
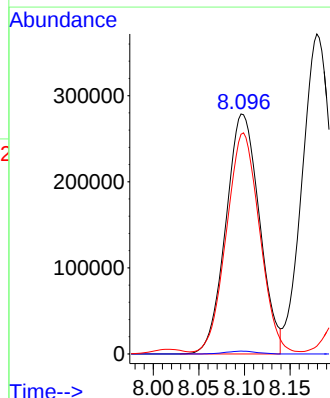
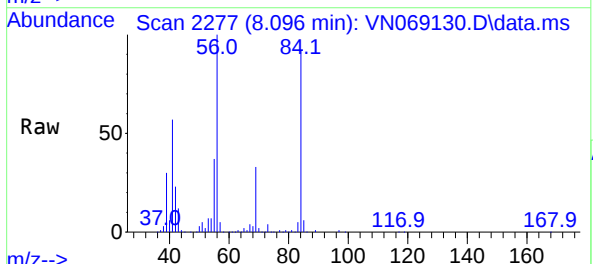
Tgt Ion: 56 Resp: 714471

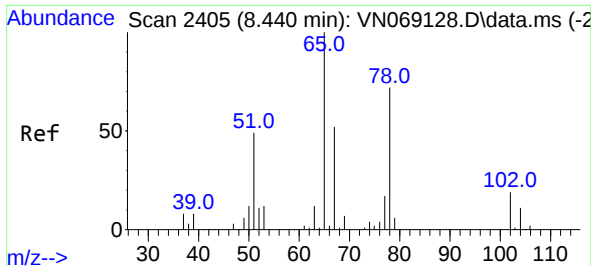
Ion Ratio Lower Upper

56 100

89 1.1 0.1 0.1#

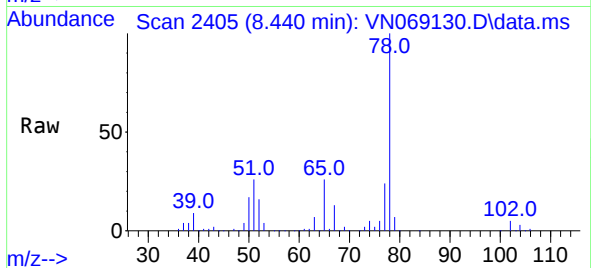
84 91.5 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 30.150 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

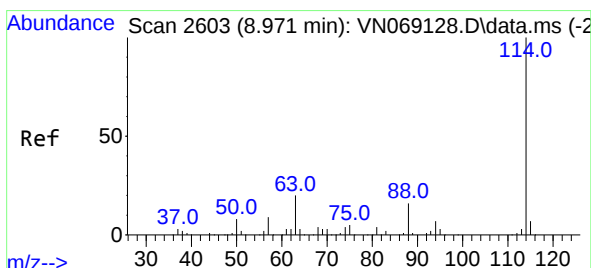
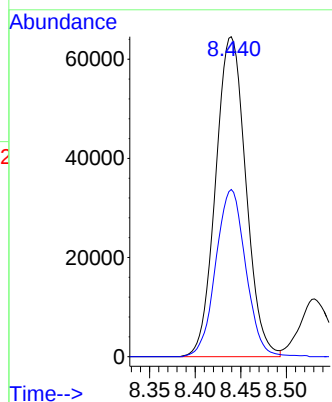
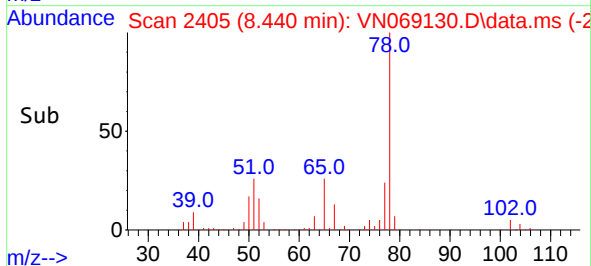
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



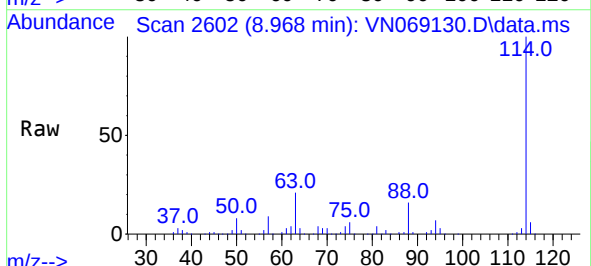
Tgt Ion: 65 Resp: 148995
Ion Ratio Lower Upper
65 100
67 51.7 40.2 60.2

Manual Integrations
APPROVED

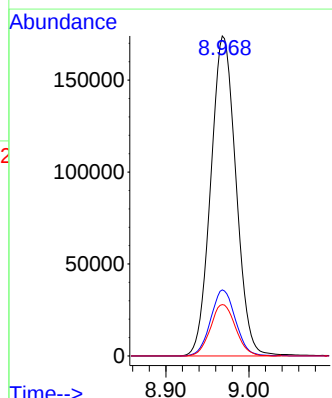
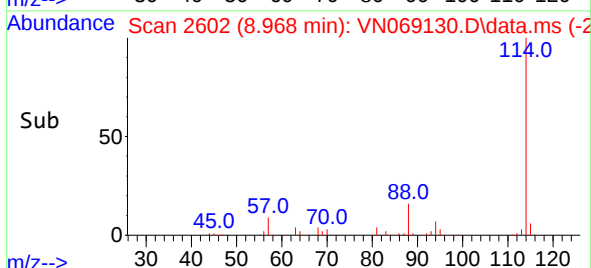
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

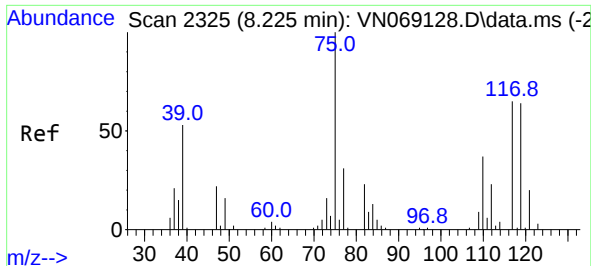


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



Tgt Ion:114 Resp: 365920
Ion Ratio Lower Upper
114 100
63 20.4 15.8 23.6
88 16.1 11.6 17.4





#29

1,1-Dichloropropene

Concen: 104.875 ug/l

RT: 8.225 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069130.D

Acq: 22 Oct 2021 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 617186

Ion Ratio Lower Upper

75 100

110 35.2 0.0 74.2

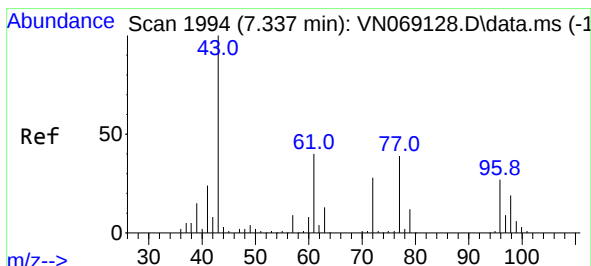
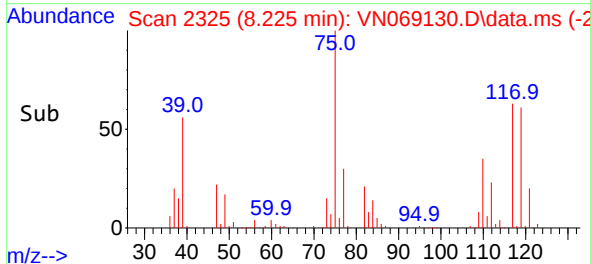
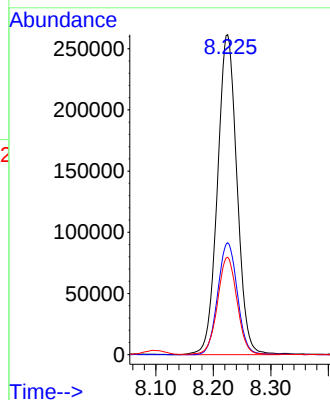
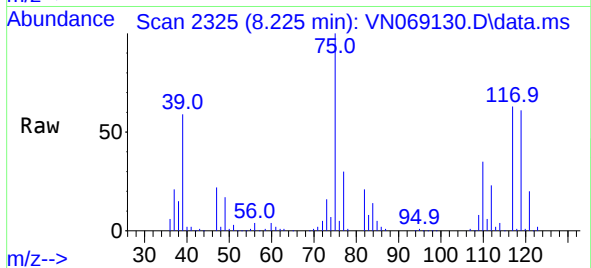
77 30.4 0.0 63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#30

2-Butanone

Concen: 551.229 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN069130.D

Acq: 22 Oct 2021 12:27

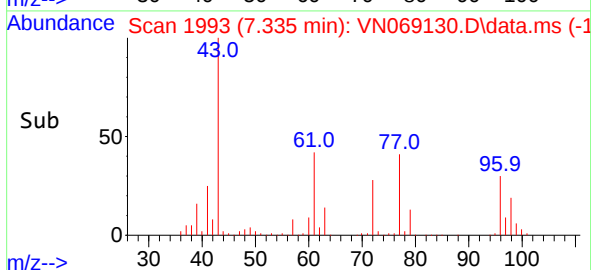
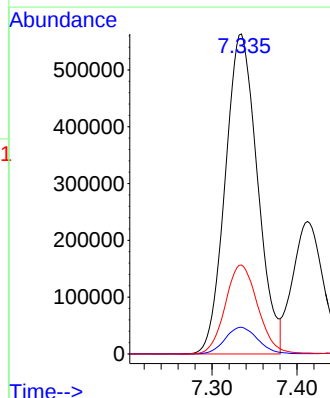
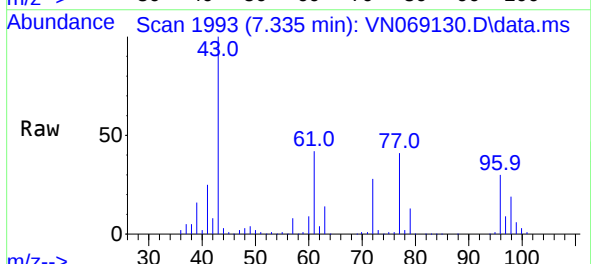
Tgt Ion: 43 Resp: 1482686

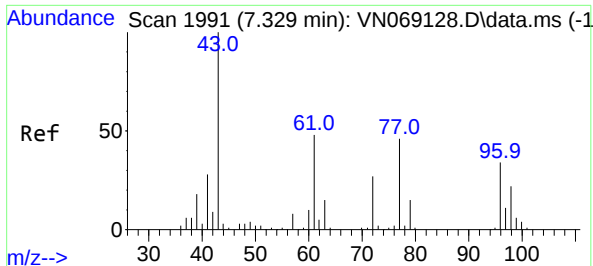
Ion Ratio Lower Upper

43 100

57 8.5 6.7 10.1

72 28.2 23.2 34.8





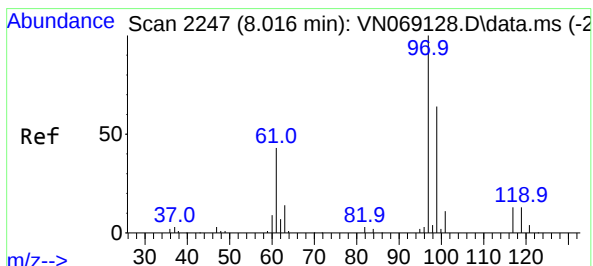
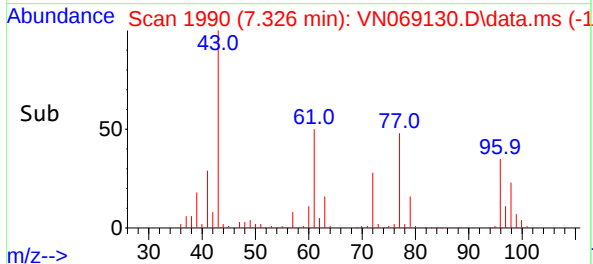
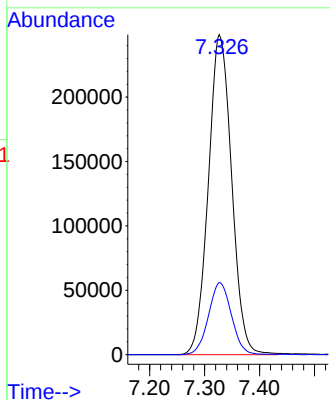
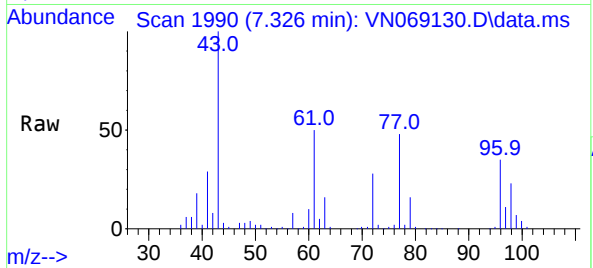
#31
2,2-Dichloropropane
Concen: 107.346 ug/l
RT: 7.326 min Scan# 1991
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 77 Resp: 73186
Ion Ratio Lower Upper
77 100
97 22.2 18.3 27.5

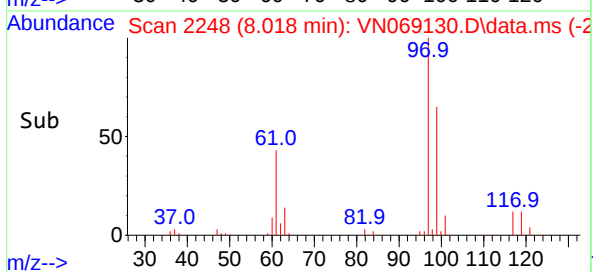
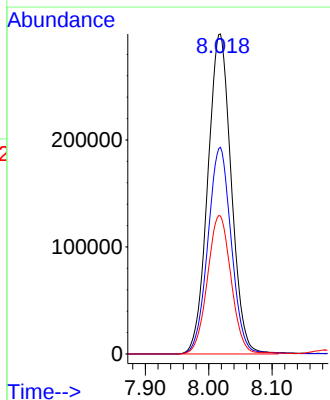
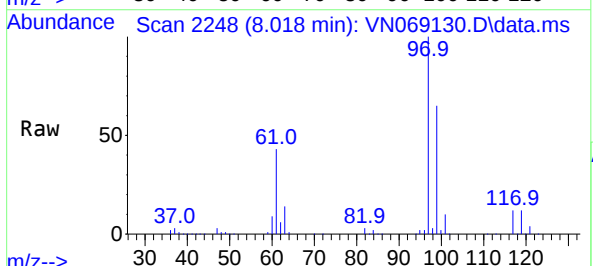
Manual Integrations
APPROVED

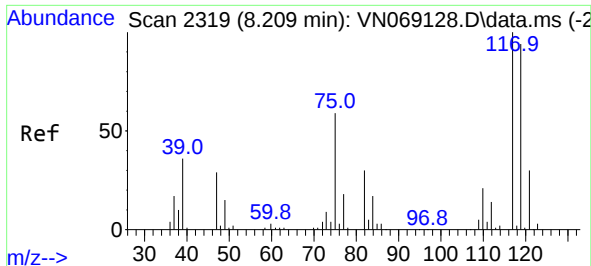
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#32
1,1,1-Trichloroethane
Concen: 102.993 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. 0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

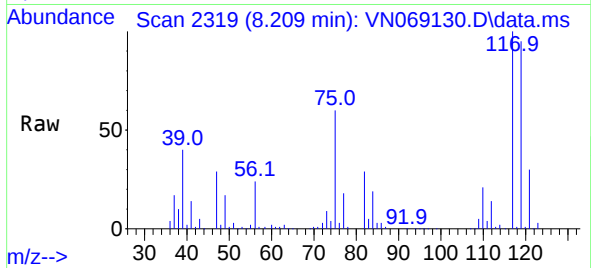
Tgt Ion: 97 Resp: 769219
Ion Ratio Lower Upper
97 100
99 64.7 50.4 75.6
61 43.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 100.405 ug/l
RT: 8.209 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

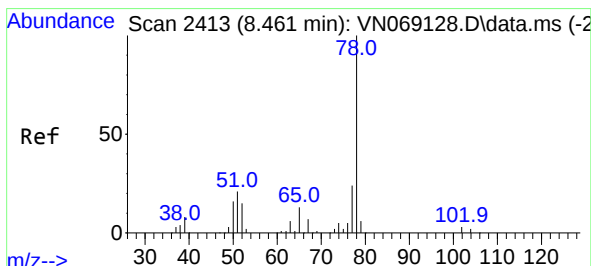
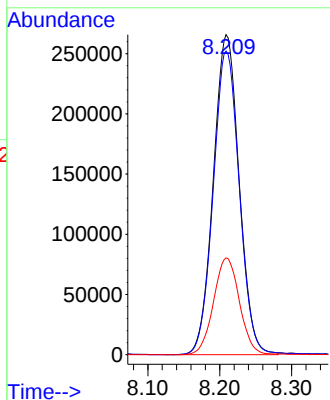
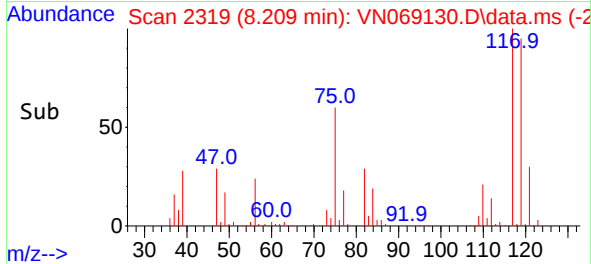
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



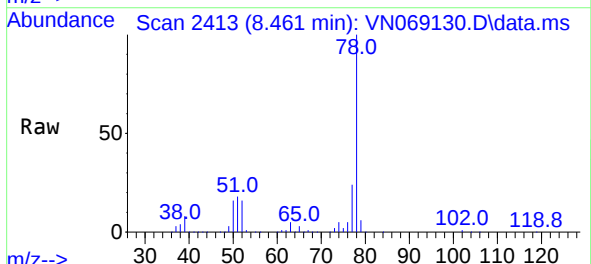
Tgt Ion:117 Resp: 662494
Ion Ratio Lower Upper
117 100
119 94.8 77.5 116.3
121 30.3 23.5 35.3

Manual Integrations
APPROVED

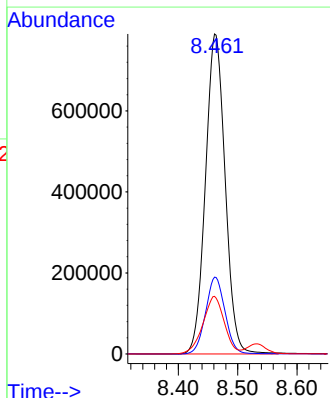
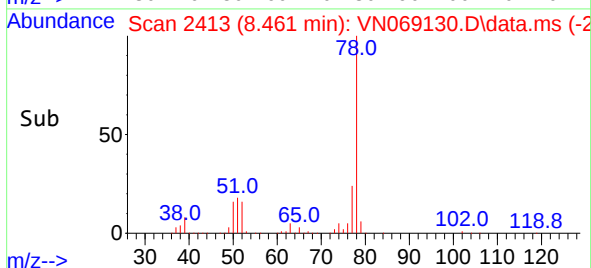
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

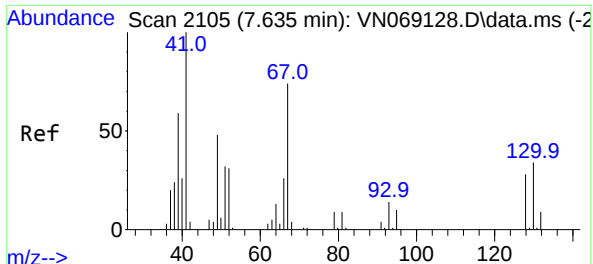


#34
Benzene
Concen: 104.328 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



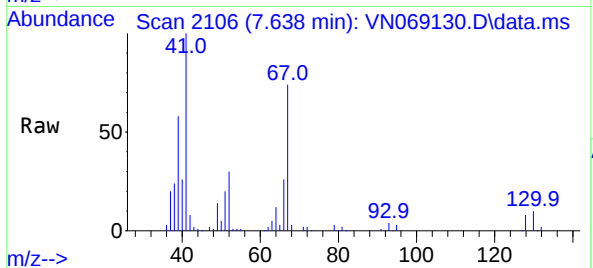
Tgt Ion: 78 Resp: 1821287
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7
51 17.9 16.0 24.0





#35
Methacrylonitrile
Concen: 113.457 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

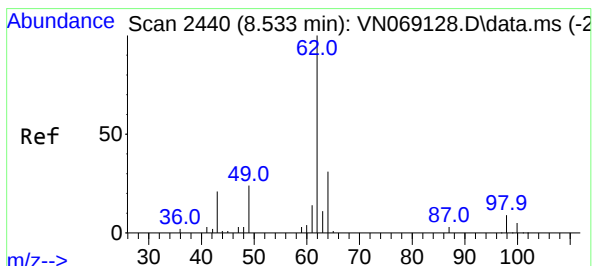
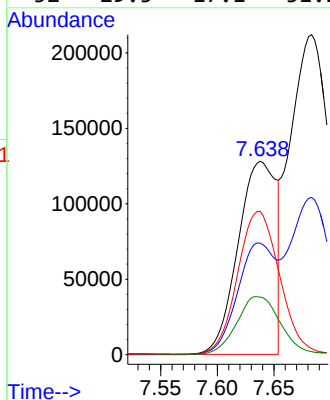
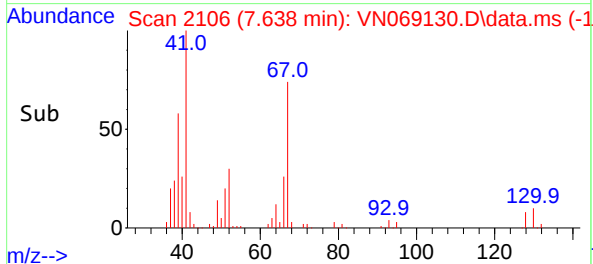
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



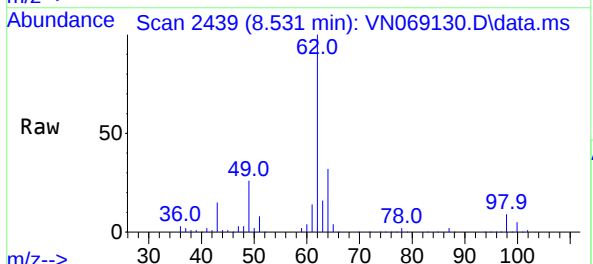
Tgt Ion: 41 Resp: 29870
Ion Ratio Lower Upper
41 100
39 57.5 28.0 83.9
67 74.2 37.7 113.1
52 29.5 17.1 51.2

Manual Integrations
APPROVED

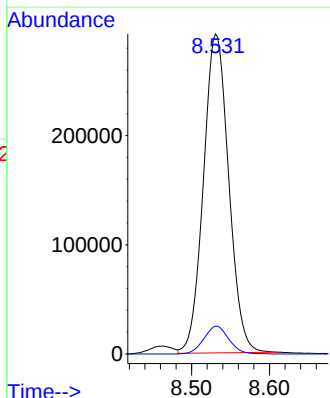
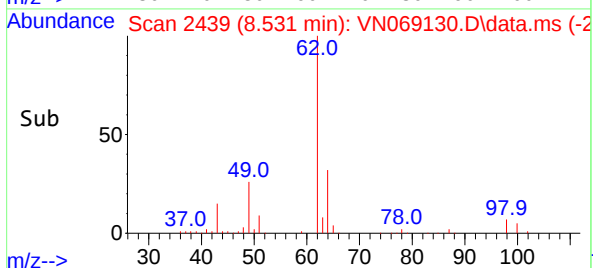
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

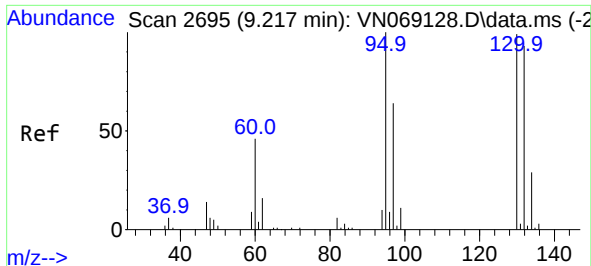


#36
1,2-Dichloroethane
Concen: 102.314 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



Tgt Ion: 62 Resp: 659841
Ion Ratio Lower Upper
62 100
98 8.6 6.6 10.0





#37

Trichloroethene

Concen: 102.072 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. -0.000 min

Lab File: VN069130.D

Acq: 22 Oct 2021 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:130 Resp: 465825

Ion Ratio Lower Upper

130 100

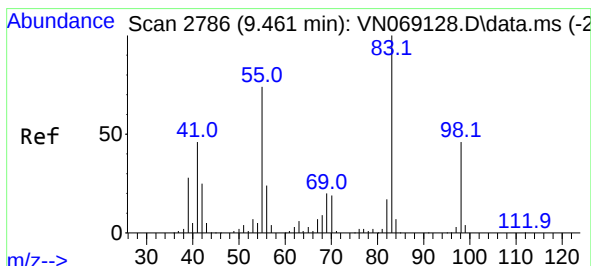
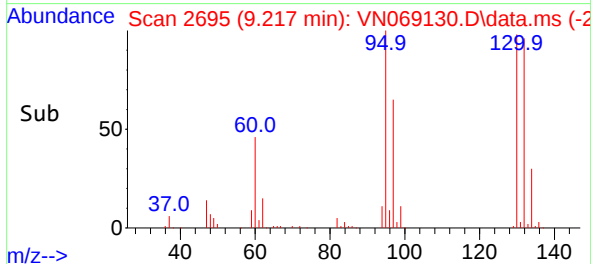
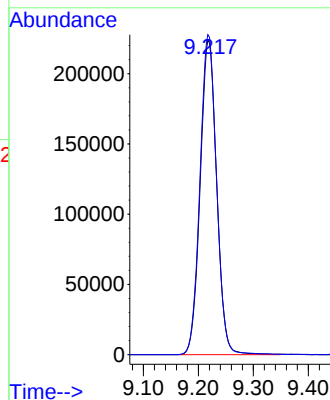
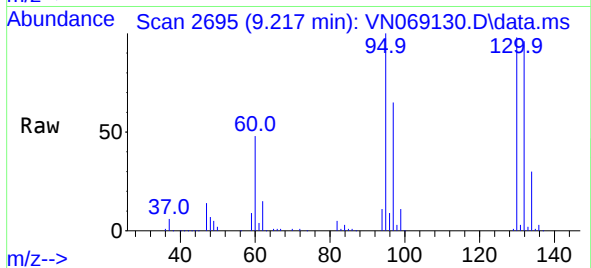
95 101.7 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#38

Methylcyclohexane

Concen: 106.163 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. -0.000 min

Lab File: VN069130.D

Acq: 22 Oct 2021 12:27

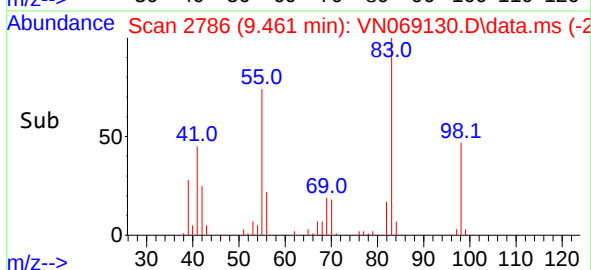
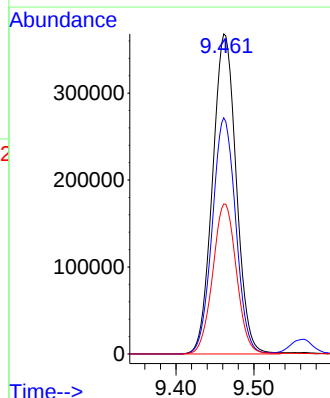
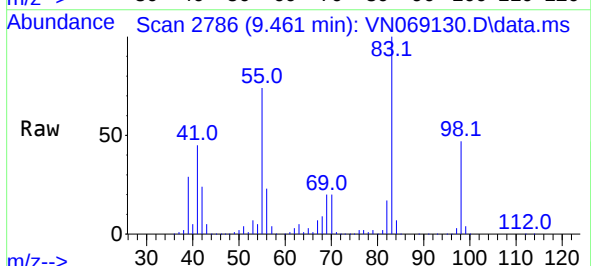
Tgt Ion: 83 Resp: 777292

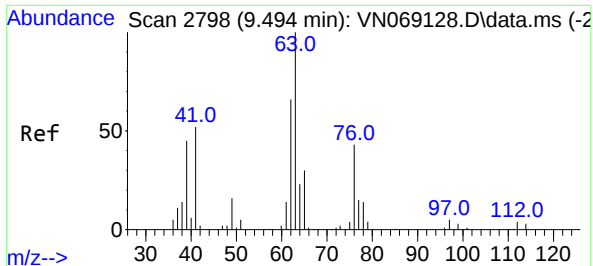
Ion Ratio Lower Upper

83 100

55 73.3 35.1 105.3

98 47.0 23.4 70.2





#39

1,2-Dichloropropane

Concen: 106.838 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069130.D

Acq: 22 Oct 2021 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 46506

Ion Ratio Lower Upper

63 100

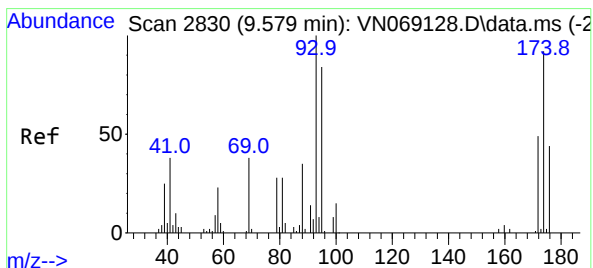
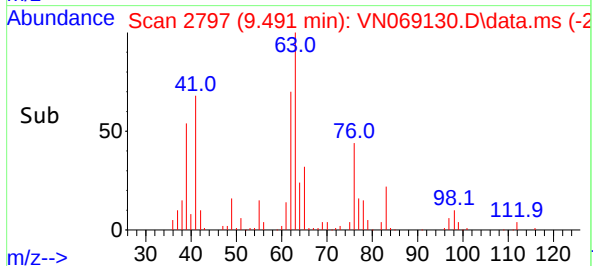
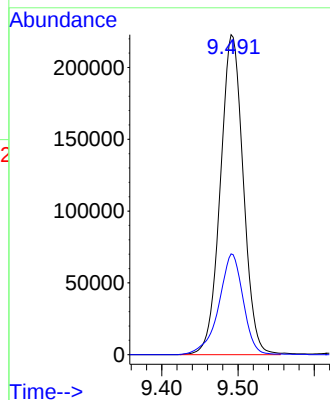
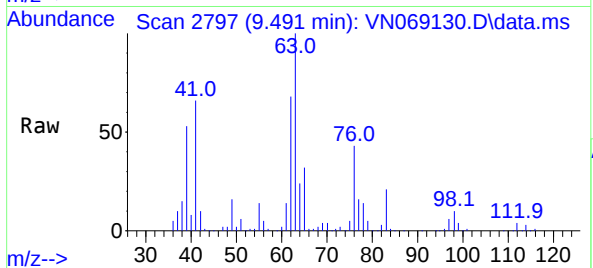
65 31.4 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#40

Dibromomethane

Concen: 97.439 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.003 min

Lab File: VN069130.D

Acq: 22 Oct 2021 12:27

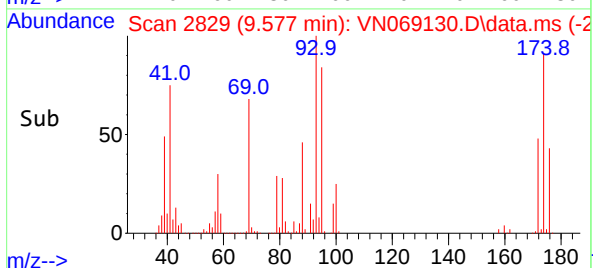
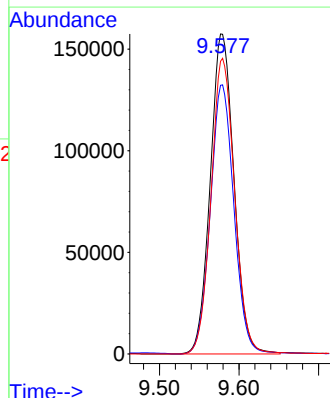
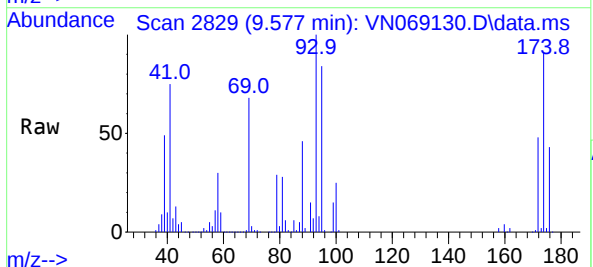
Tgt Ion: 93 Resp: 326894

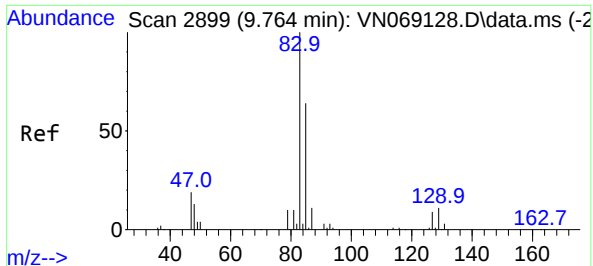
Ion Ratio Lower Upper

93 100

95 83.8 0.0 168.8

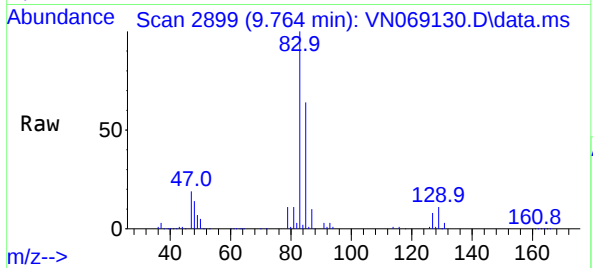
174 91.8 0.0 173.6





#41
Bromodichloromethane
Concen: 101.794 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

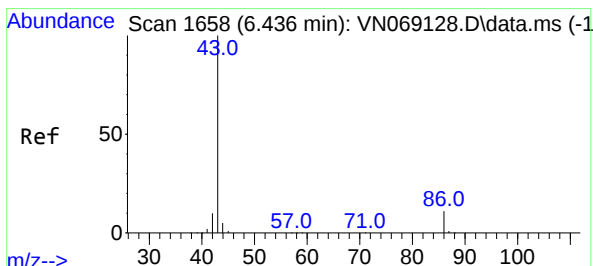
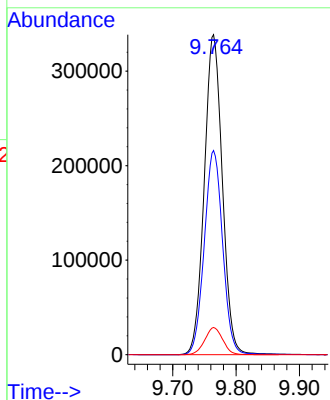
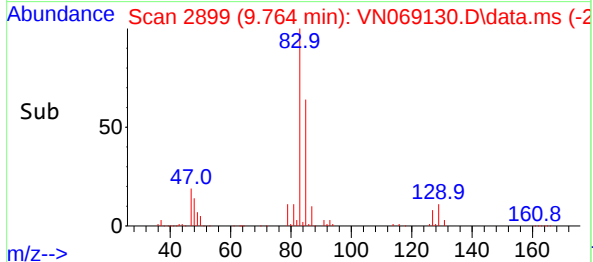
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



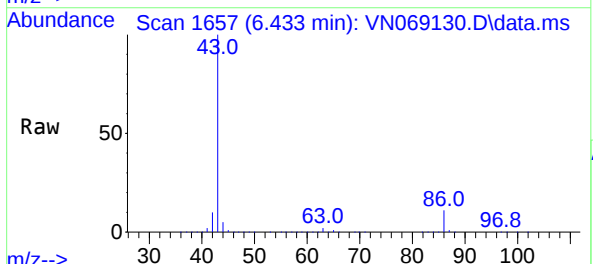
Tgt Ion: 83 Resp: 671258
Ion Ratio Lower Upper
83 100
85 63.8 54.1 81.1
127 8.5 7.6 11.4

Manual Integrations
APPROVED

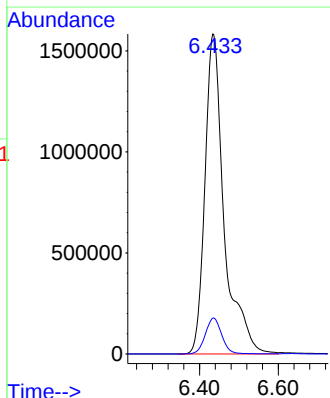
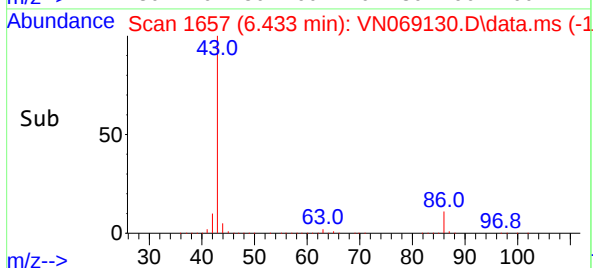
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

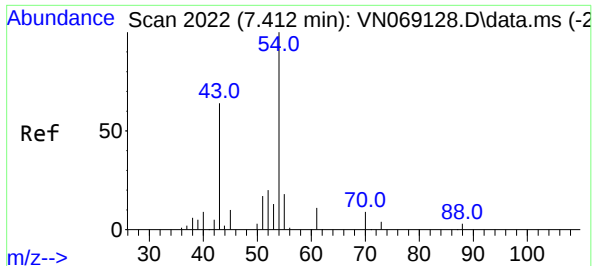


#42
Vinyl Acetate
Concen: 546.402 ug/l
RT: 6.433 min Scan# 1657
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



Tgt Ion: 43 Resp: 5367252
Ion Ratio Lower Upper
43 100
86 9.6 7.5 11.3





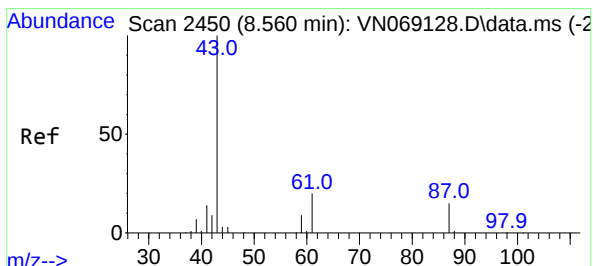
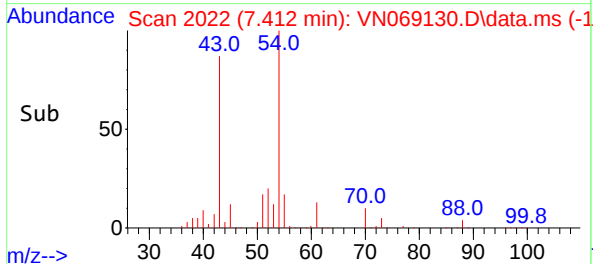
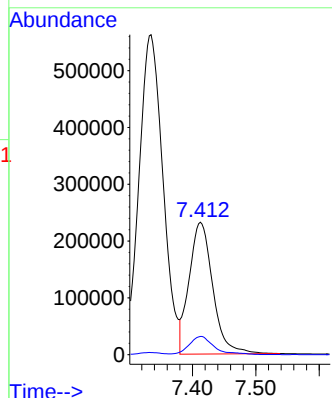
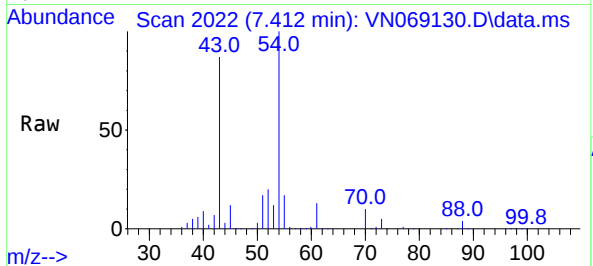
#43
Ethyl Acetate
Concen: 111.048 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 600495
Ion Ratio Lower Upper
43 100
45 14.5 10.6 16.0

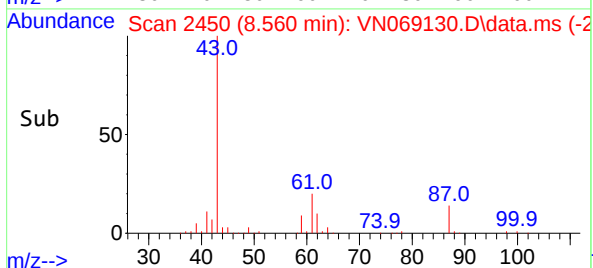
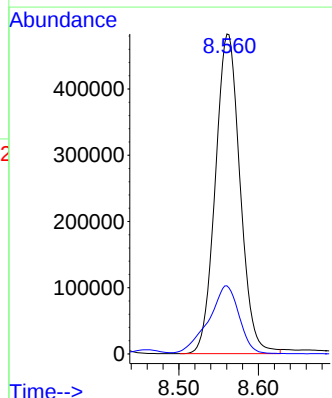
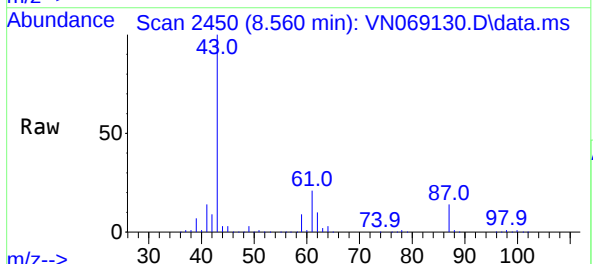
Manual Integrations
APPROVED

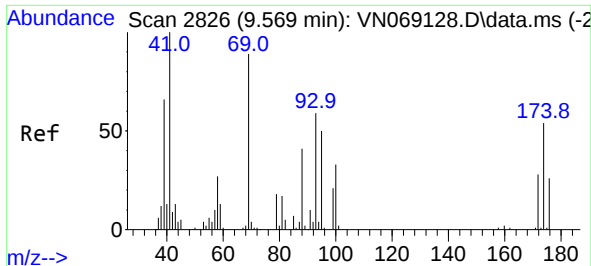
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#44
Isopropyl Acetate
Concen: 107.529 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

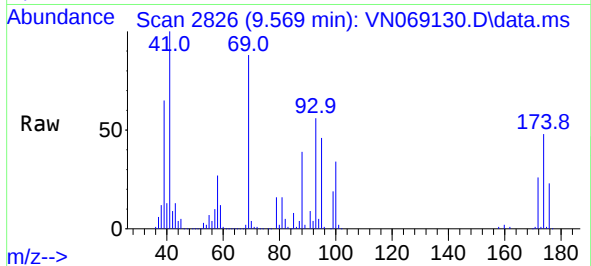
Tgt Ion: 43 Resp: 1041993
Ion Ratio Lower Upper
43 100
61 26.4 20.1 30.1





#45
1,4-Dioxane
Concen: 2278.239 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

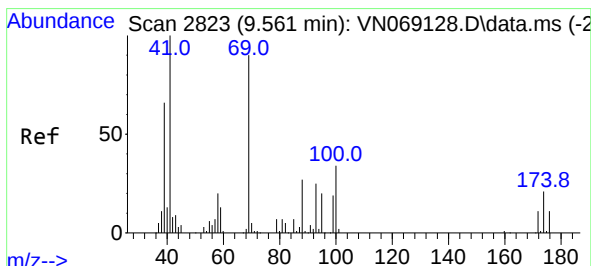
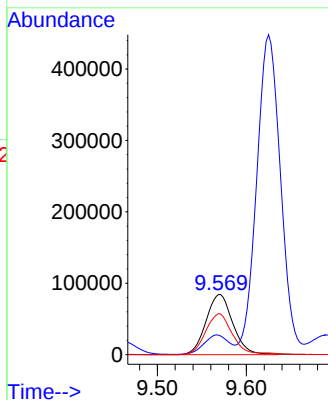
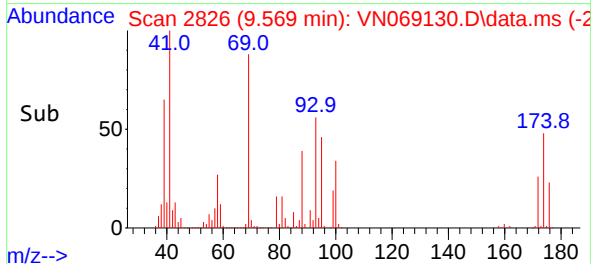
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



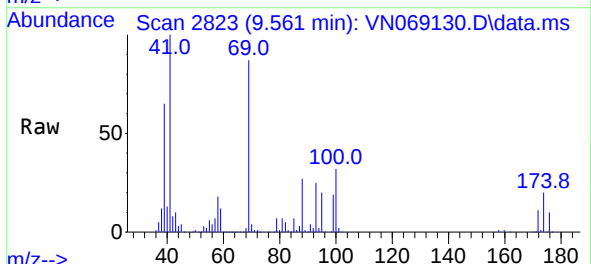
Tgt Ion: 88 Resp: 176300
Ion Ratio Lower Upper
88 100
43 29.8 25.0 37.6
58 67.4 49.4 74.2

Manual Integrations
APPROVED

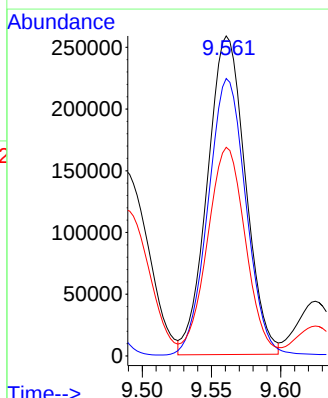
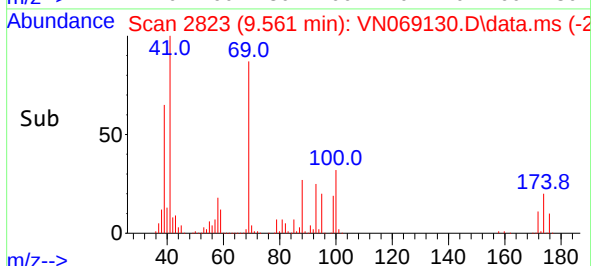
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

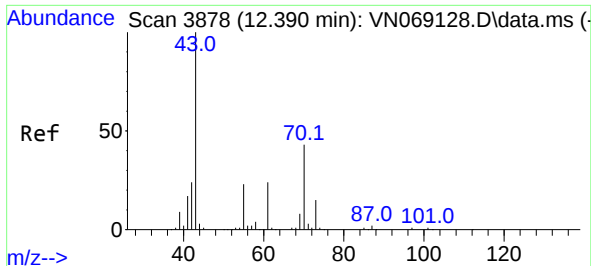


#46
Methyl methacrylate
Concen: 115.433 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



Tgt Ion: 41 Resp: 493167
Ion Ratio Lower Upper
41 100
69 88.6 44.4 133.2
39 65.2 39.9 119.6





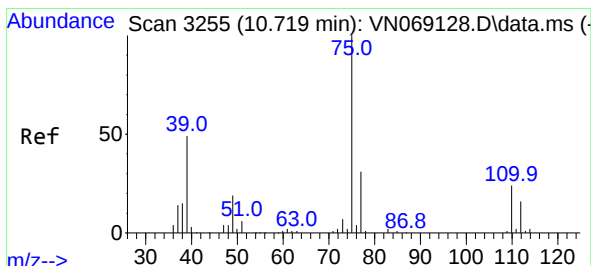
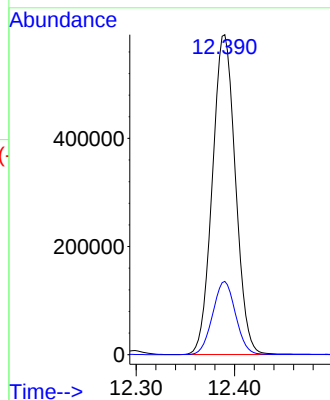
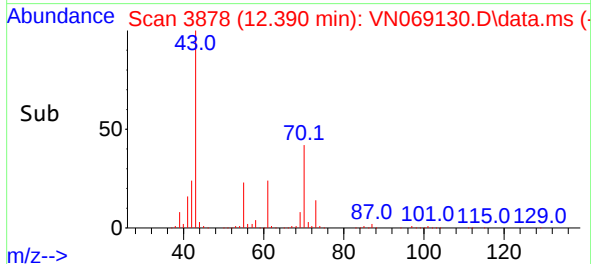
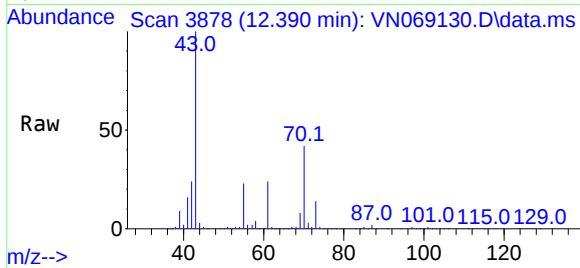
#47
n-amy1 Acetate
Concen: 118.046 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 96442
Ion Ratio Lower Upper
43 100
55 22.8 19.0 28.6

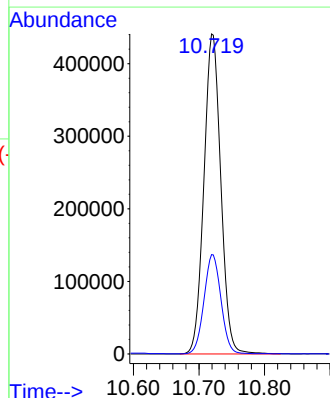
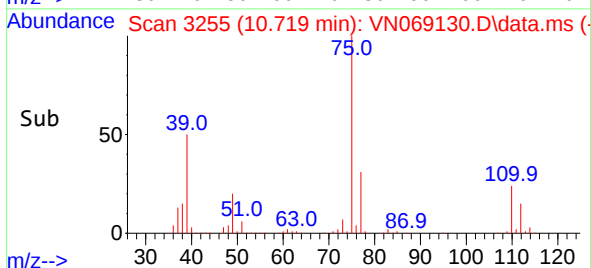
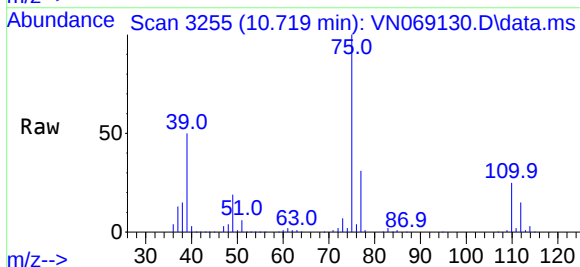
Manual Integrations
APPROVED

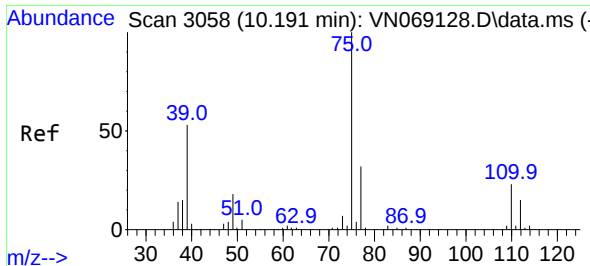
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#48
t-1,3-Dichloropropene
Concen: 108.513 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Tgt Ion: 75 Resp: 788246
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9





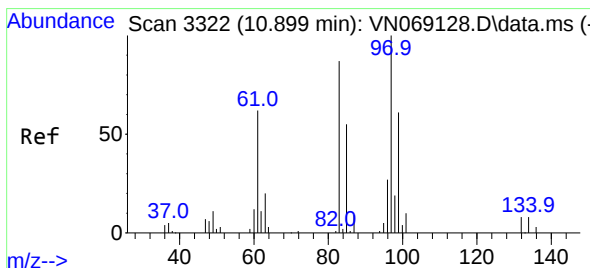
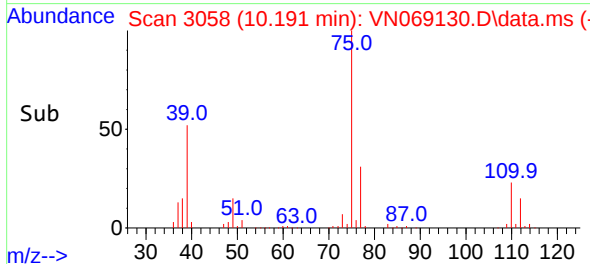
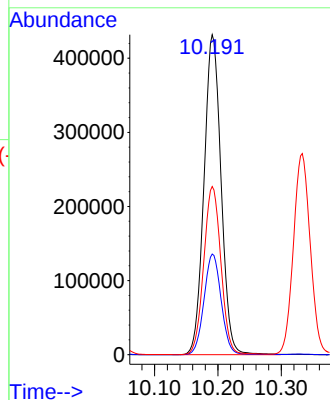
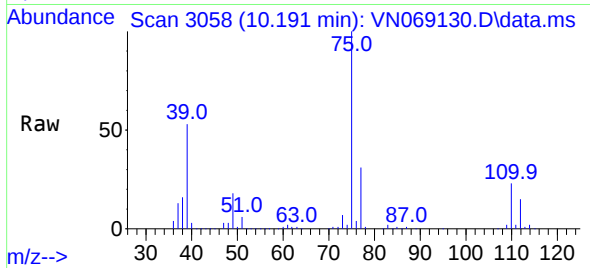
#49
 cis-1,3-Dichloropropene
 Concen: 108.881 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. -0.000 min
 Lab File: VN069130.D
 Acq: 22 Oct 2021 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 75 Resp: 808844
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 52.5 46.2 69.4

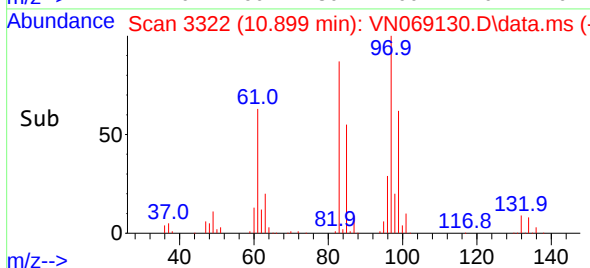
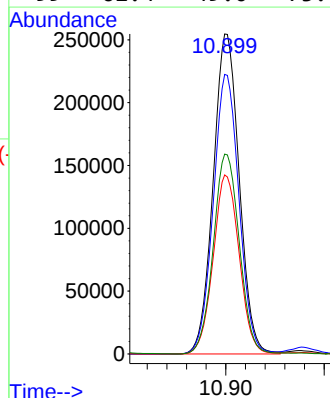
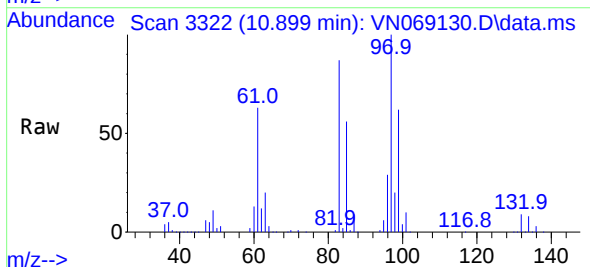
Manual Integrations
 APPROVED

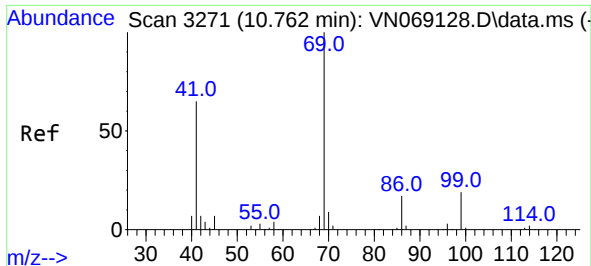
Reviewed By :John Carlone 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#50
 1,1,2-Trichloroethane
 Concen: 100.242 ug/l
 RT: 10.899 min Scan# 3322
 Delta R.T. -0.000 min
 Lab File: VN069130.D
 Acq: 22 Oct 2021 12:27

Tgt Ion: 97 Resp: 468222
 Ion Ratio Lower Upper
 97 100
 83 87.3 67.2 100.8
 85 55.9 43.0 64.4
 99 62.4 49.0 73.4





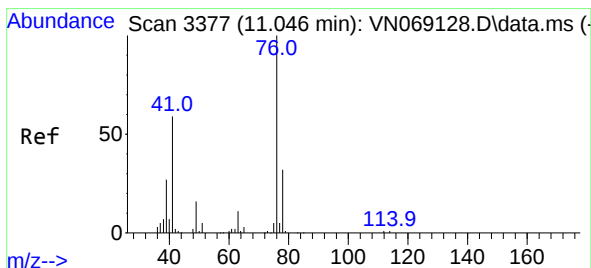
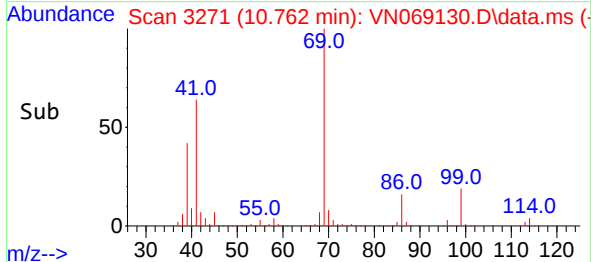
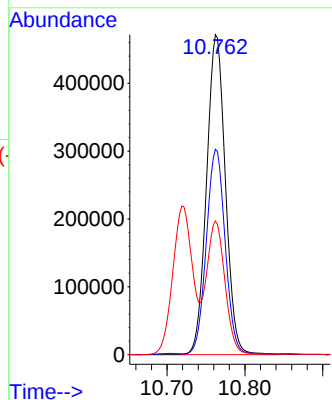
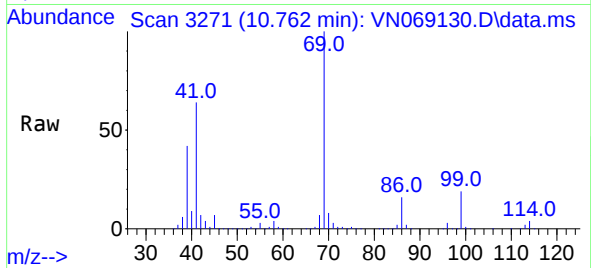
#51
Ethyl methacrylate
Concen: 110.084 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 69 Resp: 794174
Ion Ratio Lower Upper
69 100
41 64.0 33.0 98.9
39 41.7 25.4 76.4

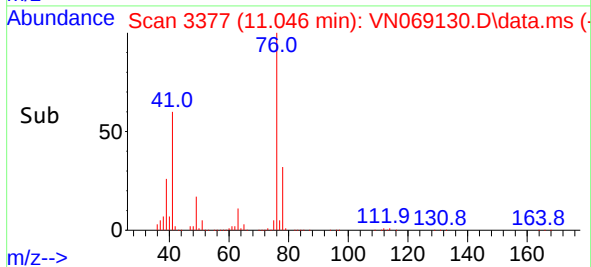
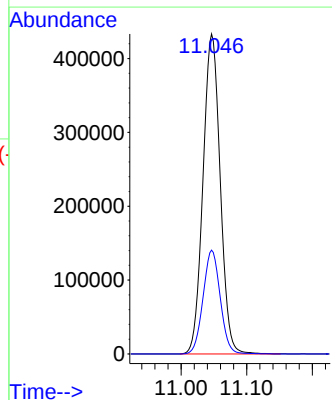
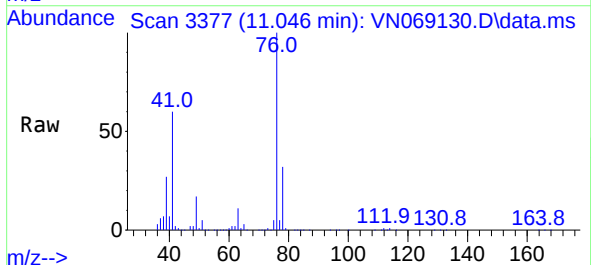
Manual Integrations
APPROVED

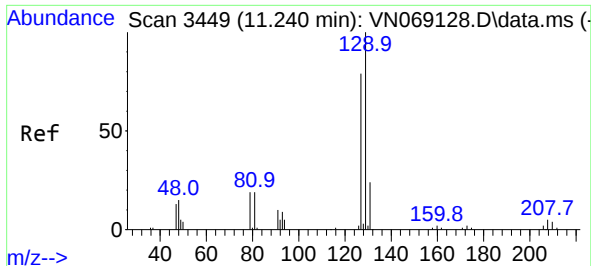
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#52
1,3-Dichloropropane
Concen: 103.348 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Tgt Ion: 76 Resp: 789330
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4





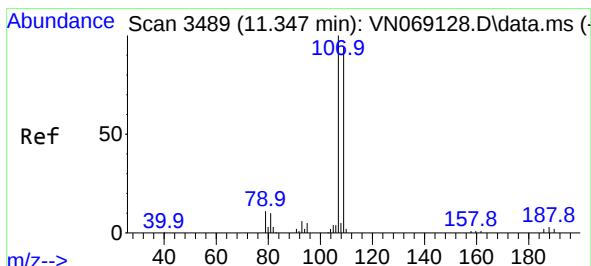
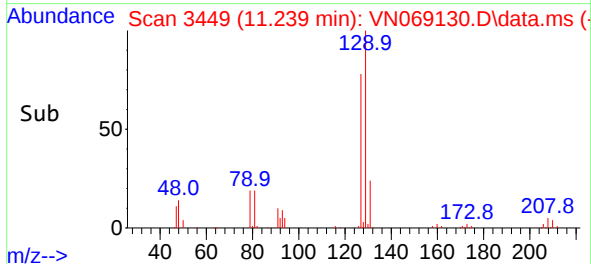
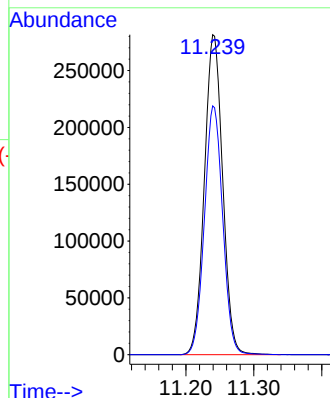
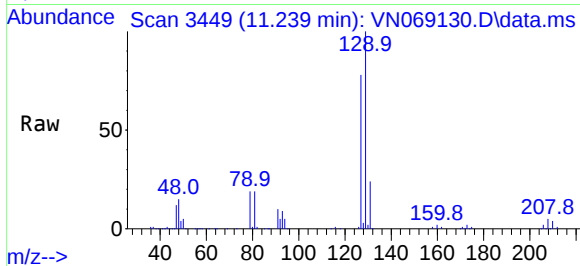
#53
Dibromochloromethane
Concen: 99.813 ug/l
RT: 11.239 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 525612
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

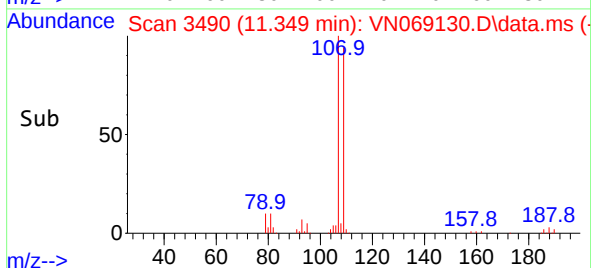
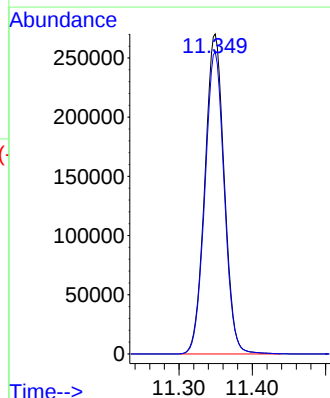
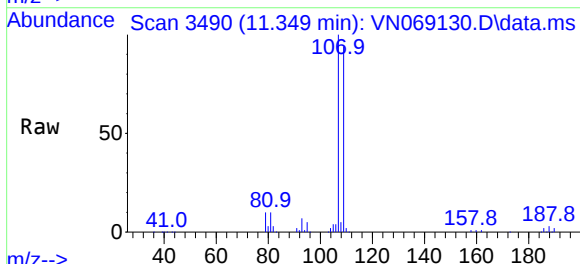
Manual Integrations
APPROVED

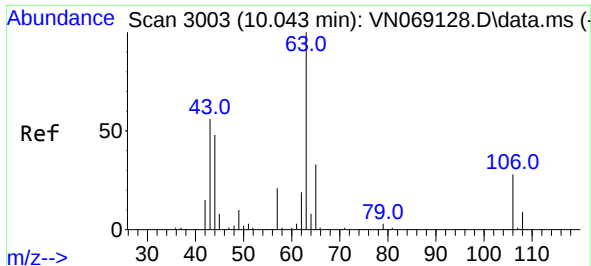
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#54
1,2-Dibromoethane
Concen: 101.970 ug/l
RT: 11.349 min Scan# 3490
Delta R.T. 0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Tgt Ion:107 Resp: 498147
Ion Ratio Lower Upper
107 100
109 94.1 72.8 109.2





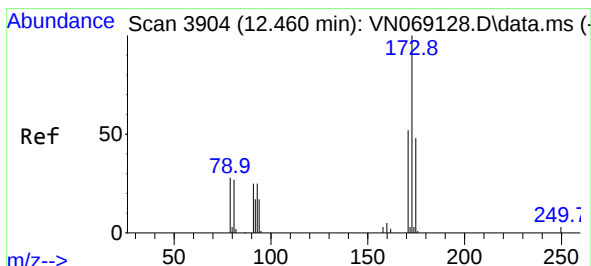
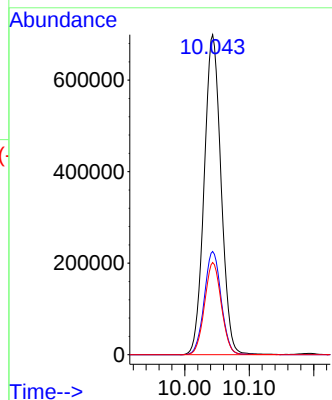
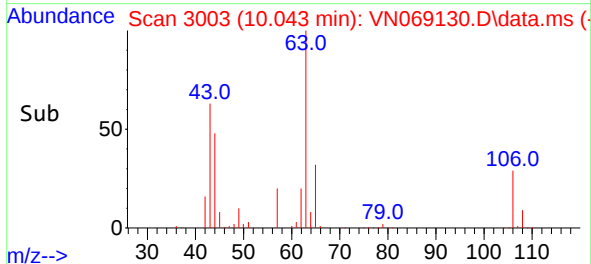
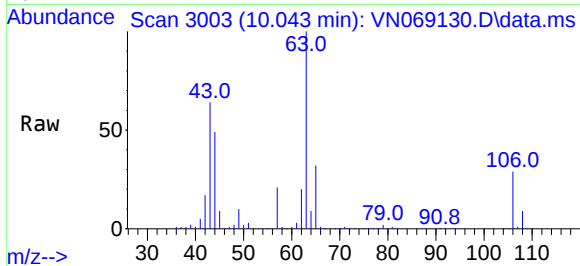
#55
2-Chloroethyl vinyl ether
Concen: 618.284 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 127046
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.0
106 28.6 23.2 34.8

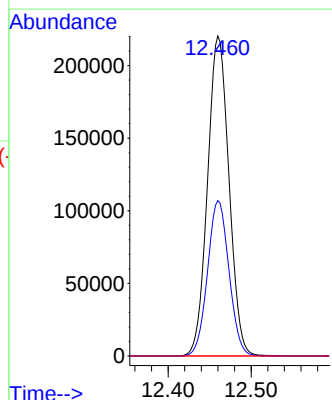
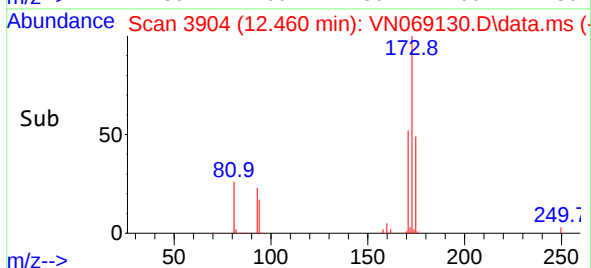
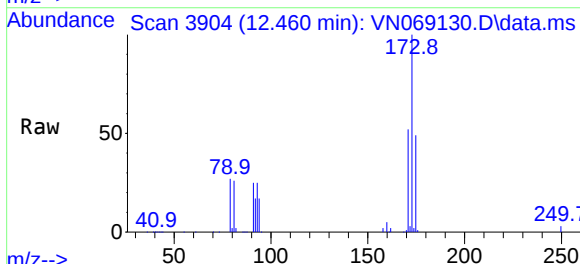
Manual Integrations
APPROVED

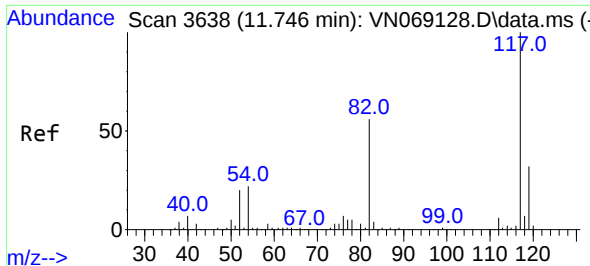
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#56
Bromoform
Concen: 103.954 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

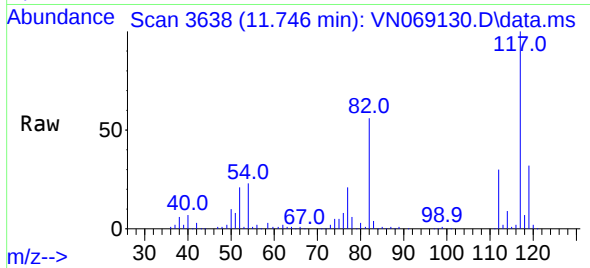
Tgt Ion:173 Resp: 394941
Ion Ratio Lower Upper
173 100
175 48.4 38.6 58.0
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

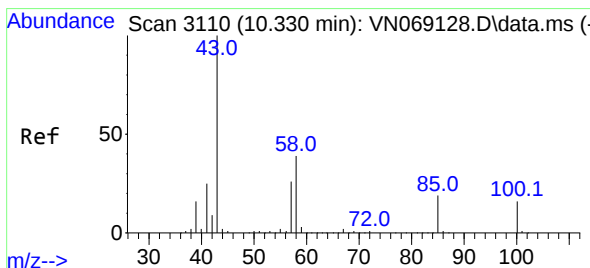
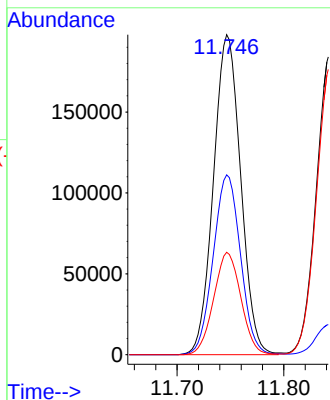
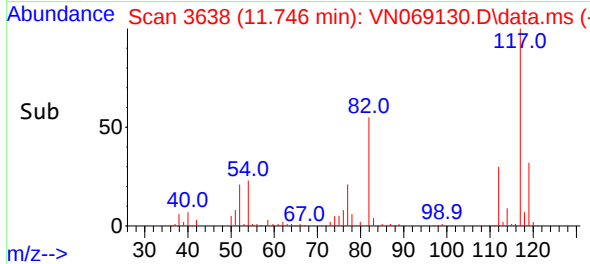
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



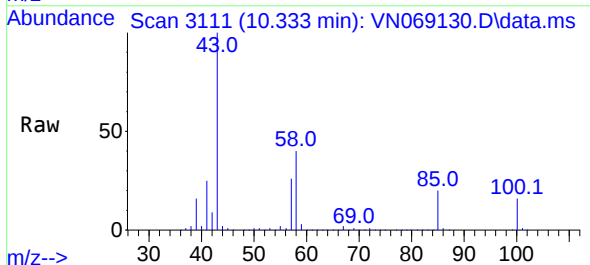
Tgt Ion: 117 Resp: 350458
Ion Ratio Lower Upper
117 100
82 56.4 43.6 65.4
119 32.0 25.8 38.6

Manual Integrations
APPROVED

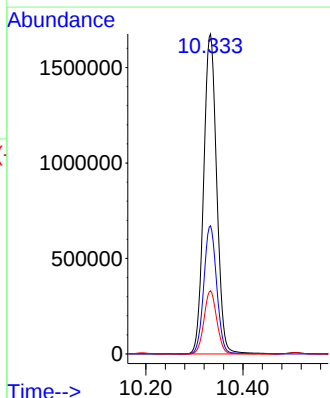
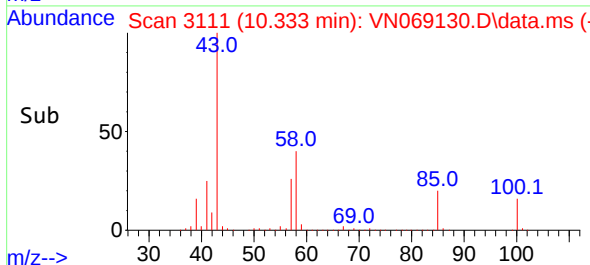
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

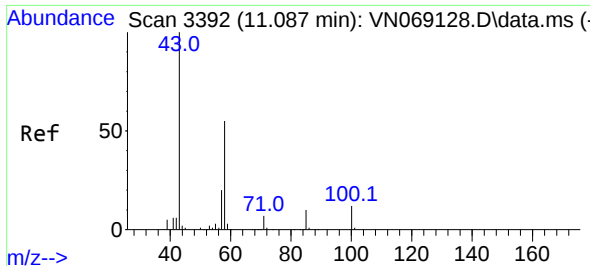


#58
4-Methyl-2-Pentanone
Concen: 519.104 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



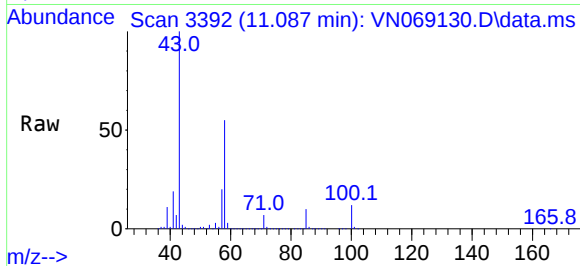
Tgt Ion: 43 Resp: 3119960
Ion Ratio Lower Upper
43 100
58 39.7 30.0 45.0
85 19.5 15.0 22.6





#59
2-Hexanone
Concen: 534.625 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

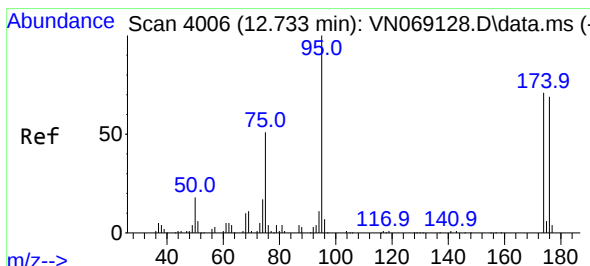
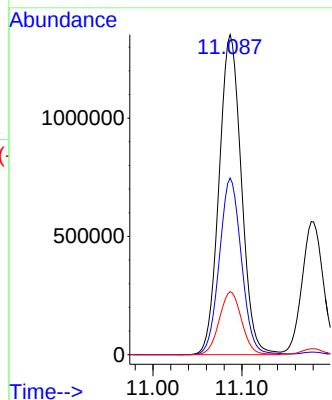
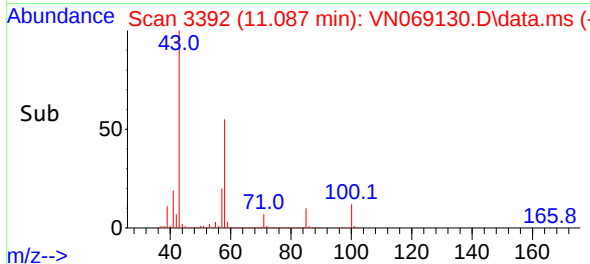
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



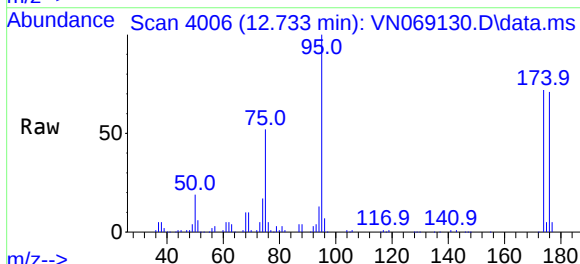
Tgt Ion: 43 Resp: 2354024
Ion Ratio Lower Upper
43 100
58 54.8 42.2 63.2
57 19.8 15.0 22.4

Manual Integrations
APPROVED

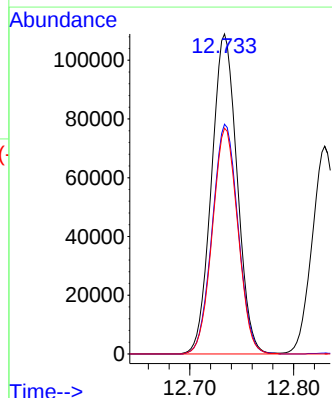
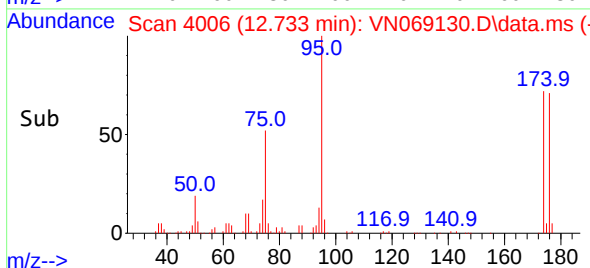
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

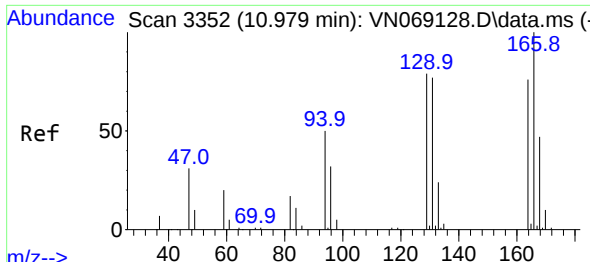


#60
4-Bromofluorobenzene
Concen: 33.226 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



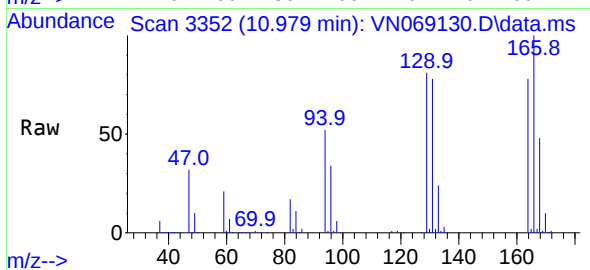
Tgt Ion: 95 Resp: 186776
Ion Ratio Lower Upper
95 100
174 72.5 62.9 94.3
176 70.2 61.0 91.4





#61
Tetrachloroethene
Concen: 96.794 ug/l
RT: 10.979 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

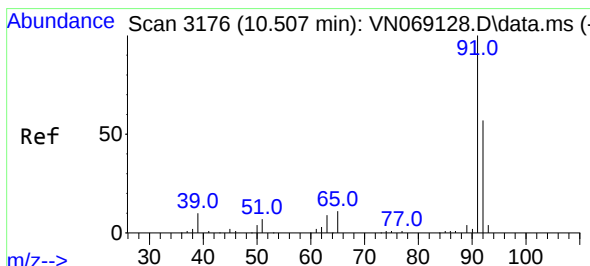
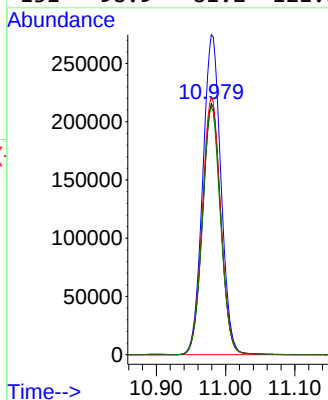
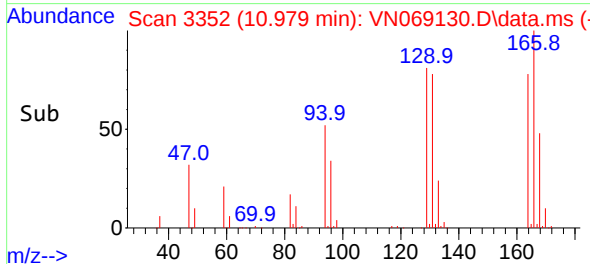
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



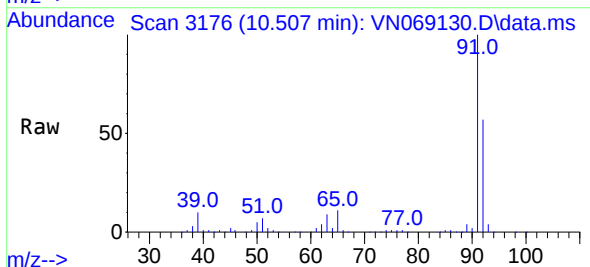
Tgt Ion:164 Resp: 396450
Ion Ratio Lower Upper
164 100
166 127.5 105.8 158.8
129 102.7 82.5 123.7
131 98.9 81.2 121.8

Manual Integrations
APPROVED

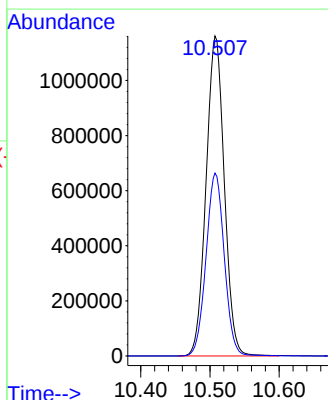
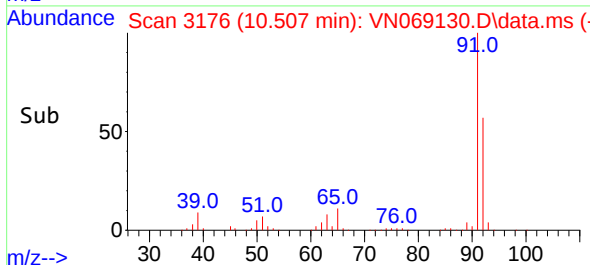
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

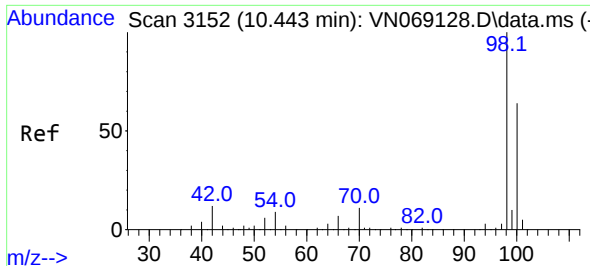


#62
Toluene
Concen: 100.432 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



Tgt Ion: 91 Resp: 2123205
Ion Ratio Lower Upper
91 100
92 57.2 44.6 67.0





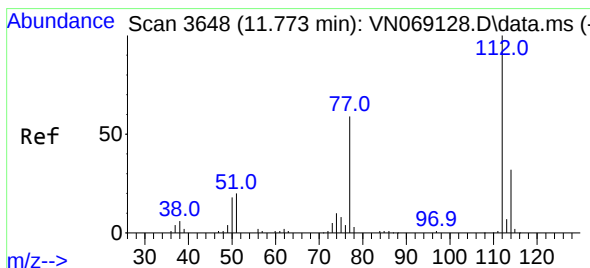
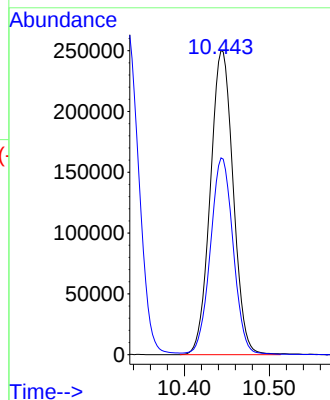
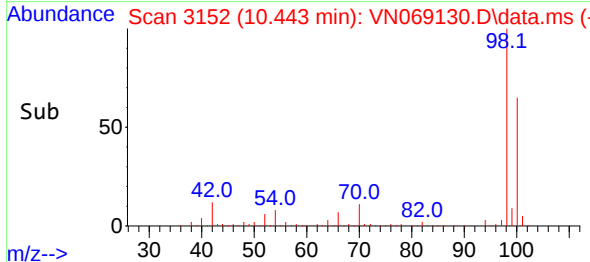
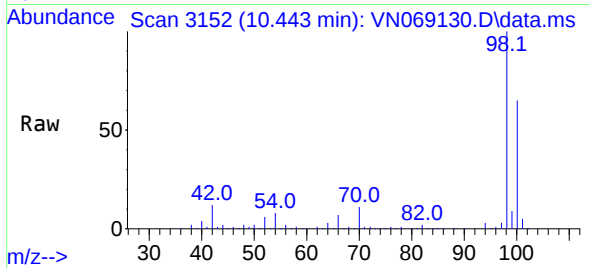
#63
Toluene-d8
Concen: 29.556 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 98 Resp: 468139
Ion Ratio Lower Upper
98 100
100 64.3 50.6 76.0

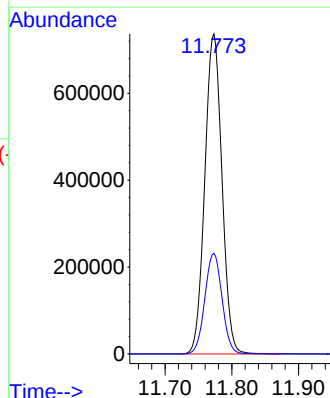
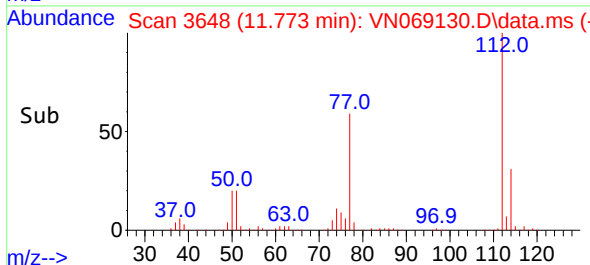
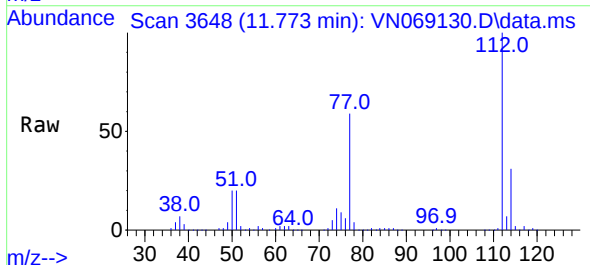
Manual Integrations
APPROVED

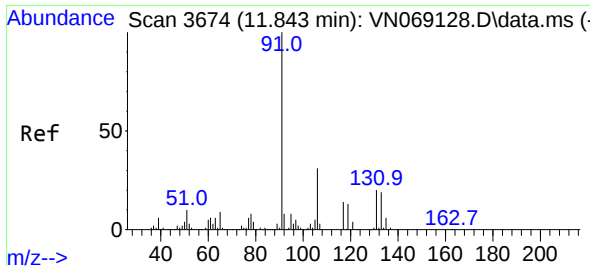
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#64
Chlorobenzene
Concen: 101.543 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Tgt Ion:112 Resp: 1314982
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6





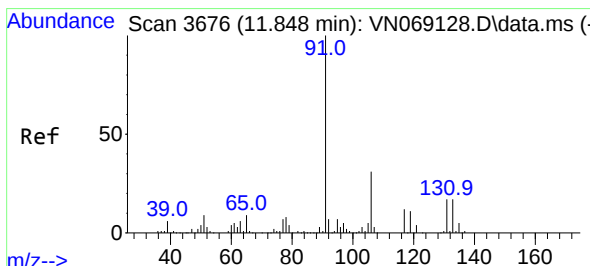
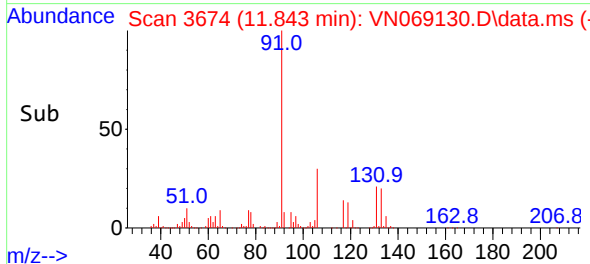
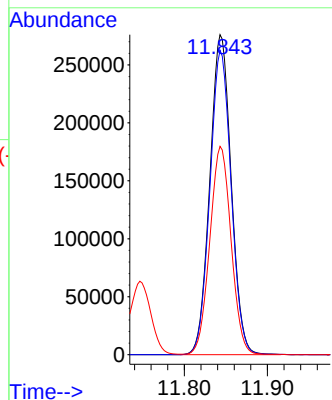
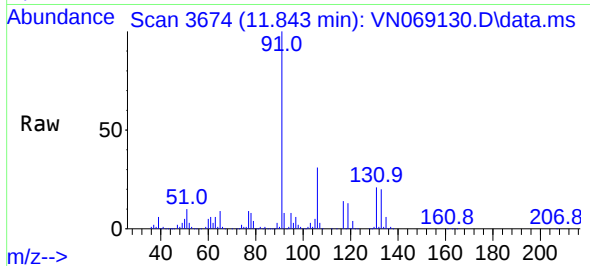
#65
1,1,1,2-Tetrachloroethane
Concen: 98.953 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:131 Resp: 49220
Ion Ratio Lower Upper
131 100
133 94.7 0.0 191.2
119 65.1 0.0 128.8

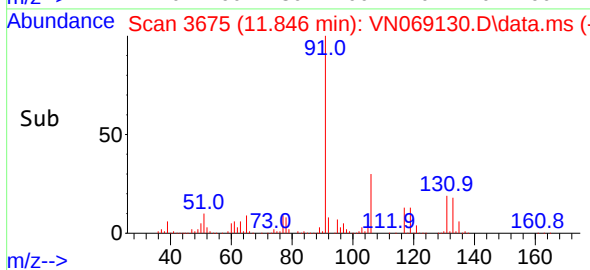
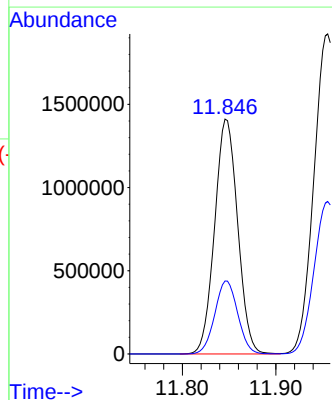
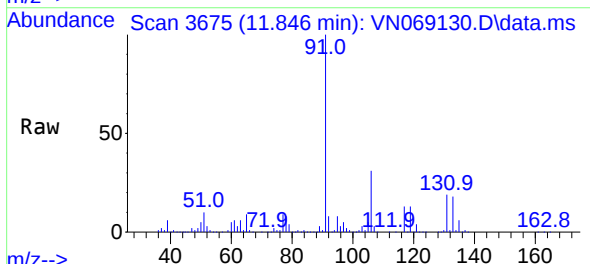
Manual Integrations
APPROVED

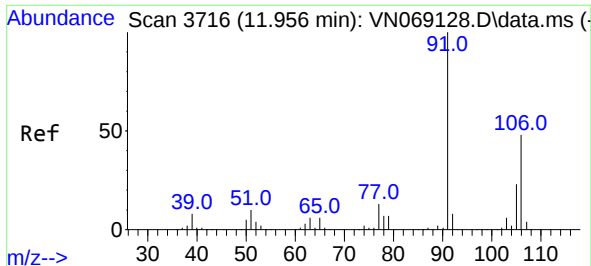
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#66
Ethyl Benzene
Concen: 101.346 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Tgt Ion: 91 Resp: 2419365
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0





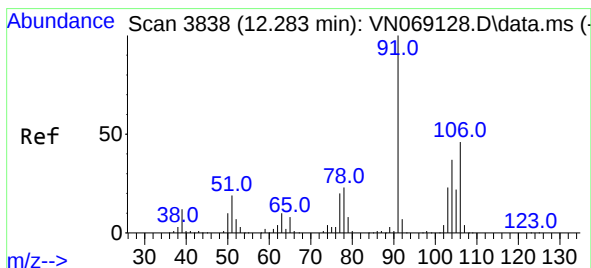
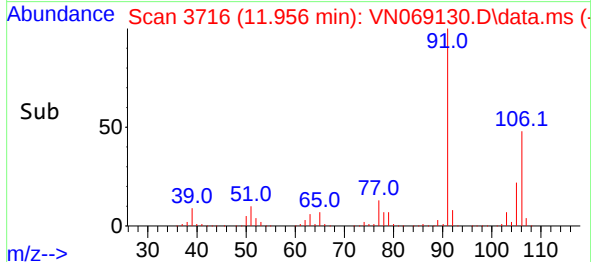
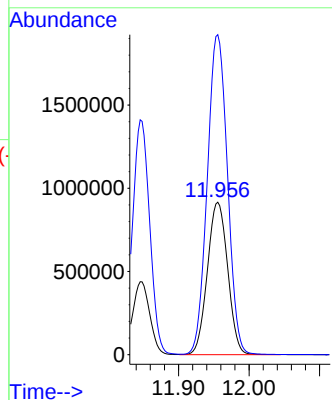
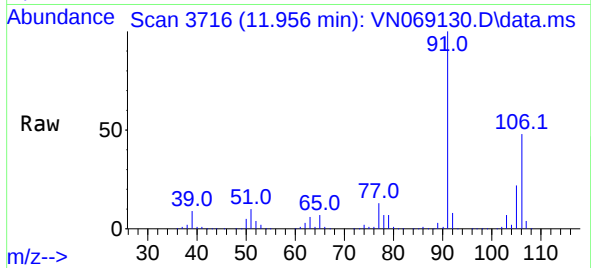
#67
m/p-Xylenes
Concen: 199.039 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 1830362
Ion Ratio Lower Upper
106 100
91 208.9 162.9 244.3

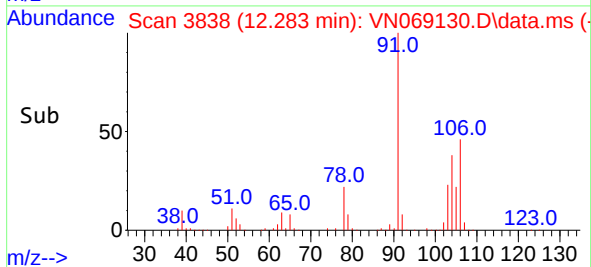
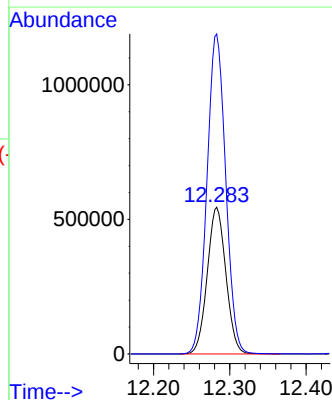
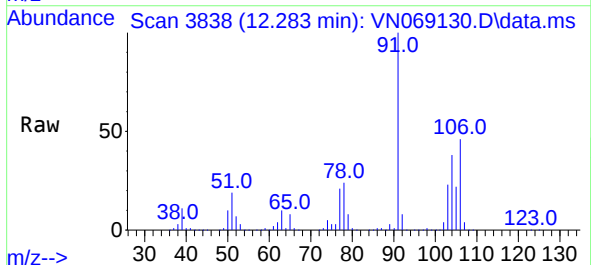
Manual Integrations
APPROVED

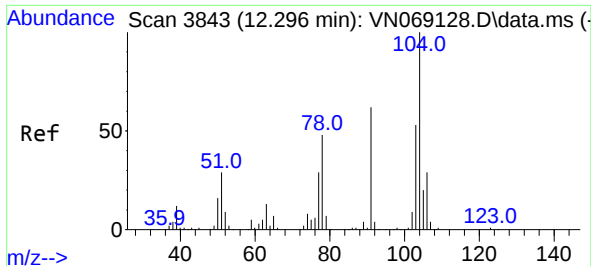
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#68
o-Xylene
Concen: 101.903 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

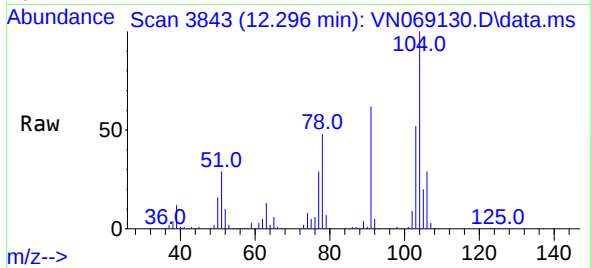
Tgt Ion:106 Resp: 924092
Ion Ratio Lower Upper
106 100
91 219.1 107.7 323.1





#69
Styrene
Concen: 105.295 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

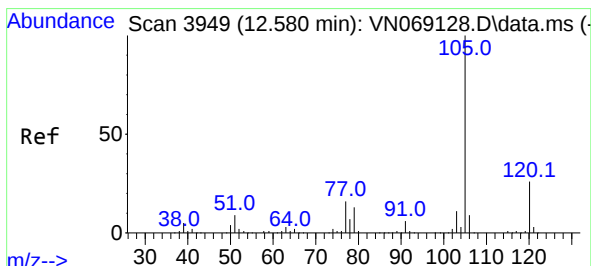
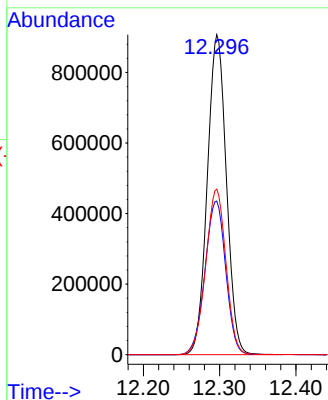
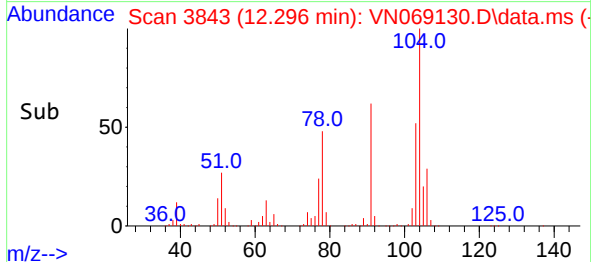
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



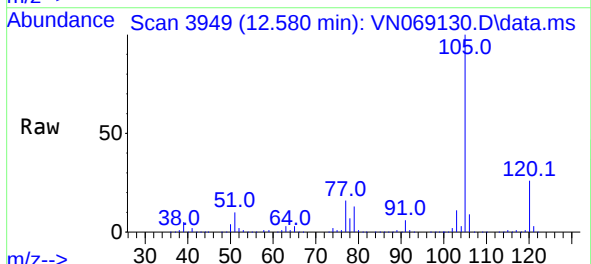
Tgt Ion:104 Resp: 157609
Ion Ratio Lower Upper
104 100
78 52.4 40.7 61.1
103 55.1 45.8 68.8

Manual Integrations
APPROVED

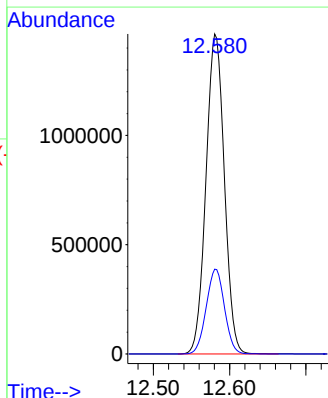
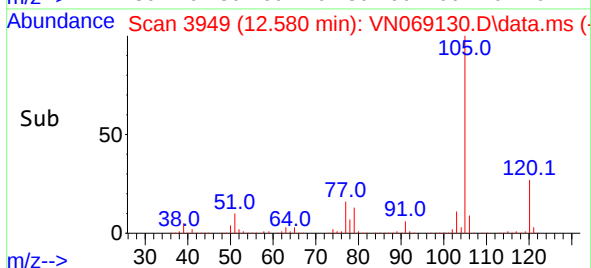
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

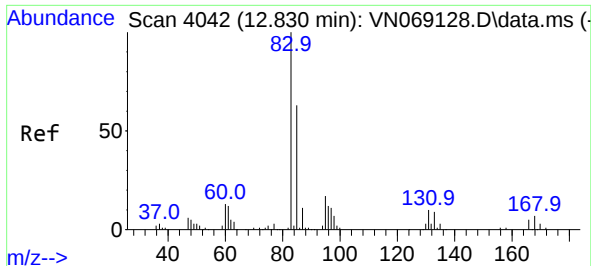


#70
Isopropylbenzene
Concen: 101.902 ug/l
RT: 12.580 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



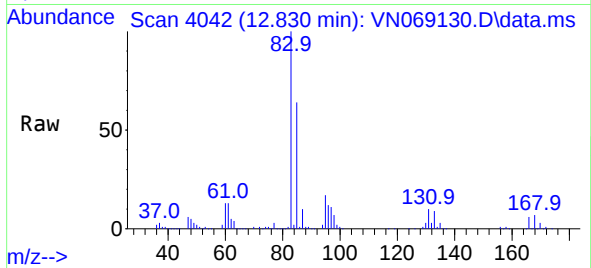
Tgt Ion:105 Resp: 2444326
Ion Ratio Lower Upper
105 100
120 26.4 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 104.382 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

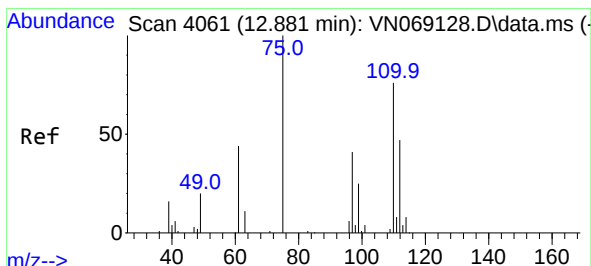
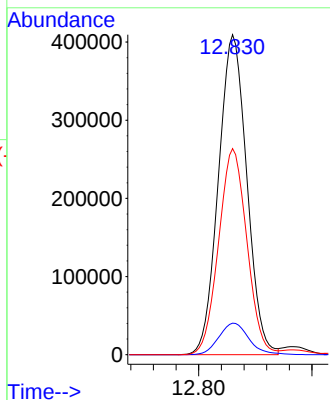
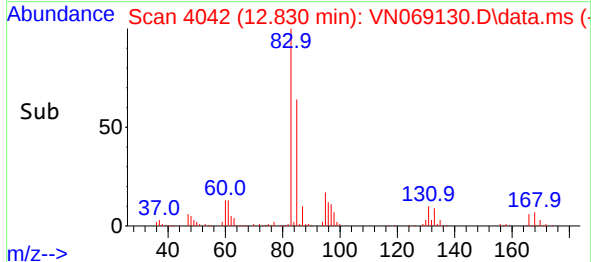
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



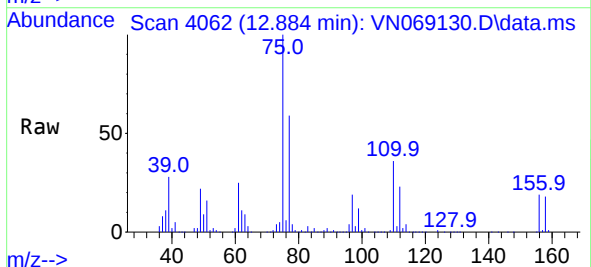
Tgt Ion: 83 Resp: 711815
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 64.1 33.1 99.2

Manual Integrations
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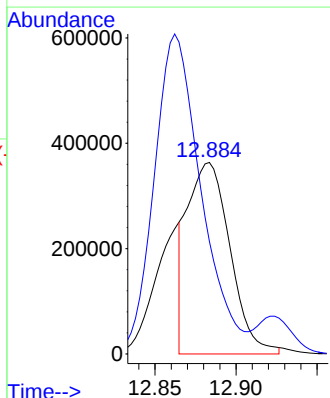
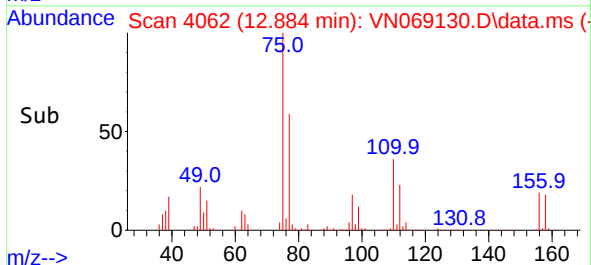
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

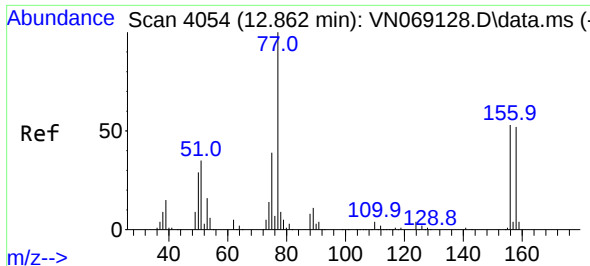


#72
1,2,3-Trichloropropane
Concen: 118.478 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



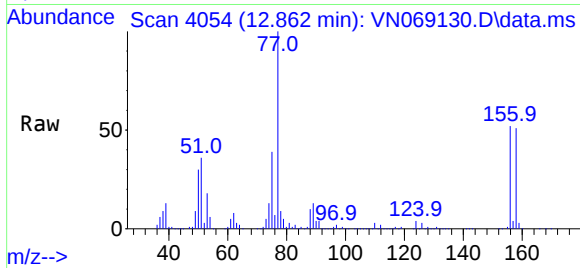
Tgt Ion: 75 Resp: 663617
Ion Ratio Lower Upper
75 100
77 184.6 0.0 378.0





#73
Bromobenzene
Concen: 101.777 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

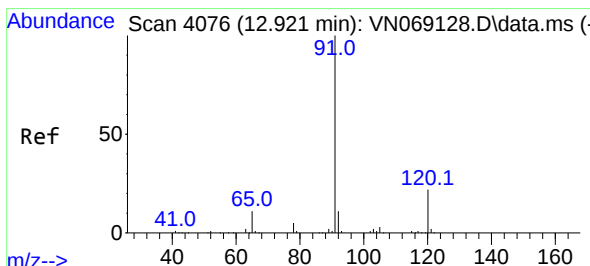
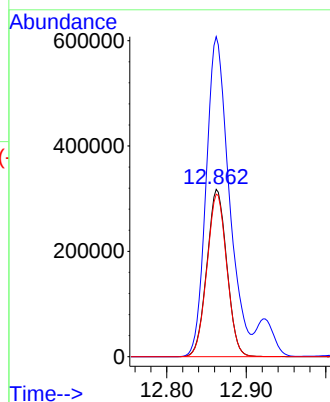
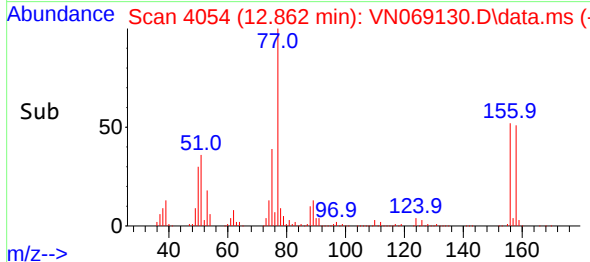
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



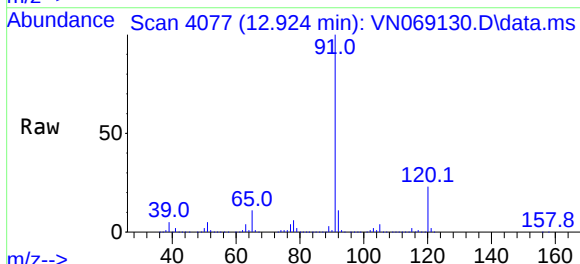
Tgt Ion:156 Resp: 55422
Ion Ratio Lower Upper
156 100
77 221.1 0.0 416.0
158 97.3 0.0 195.4

Manual Integrations
APPROVED

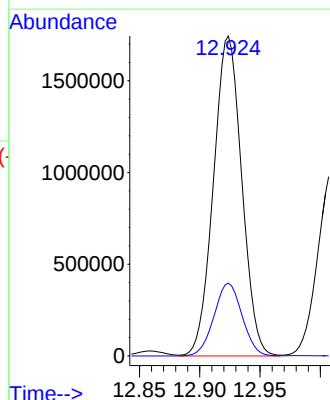
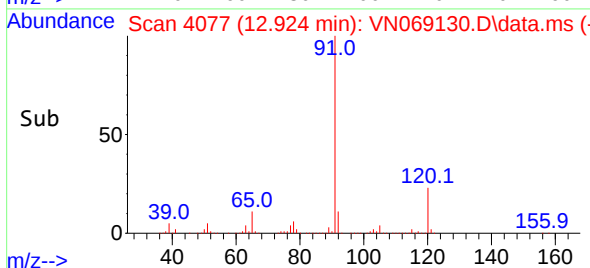
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

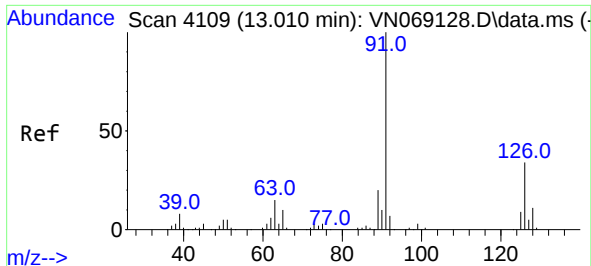


#74
n-propylbenzene
Concen: 103.609 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



Tgt Ion: 91 Resp: 2842125
Ion Ratio Lower Upper
91 100
120 22.6 0.0 45.0





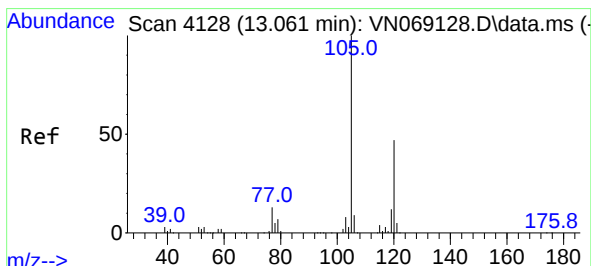
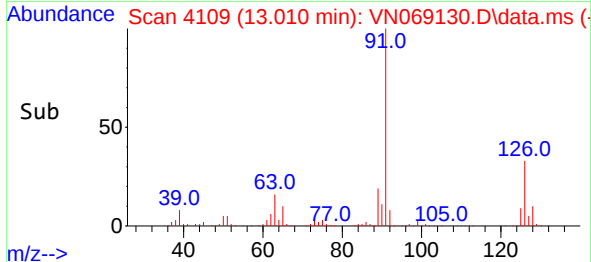
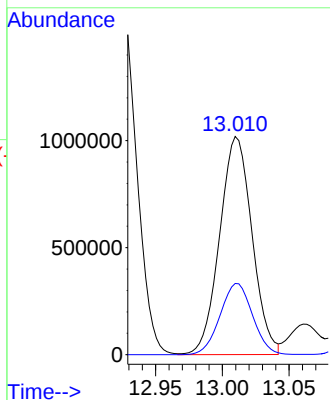
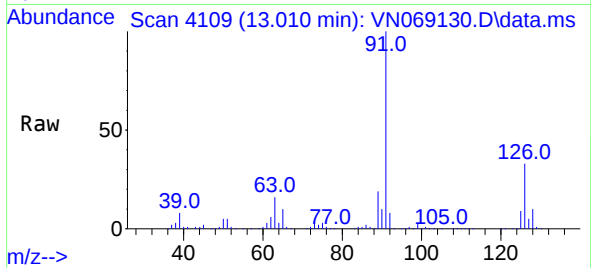
#75
2-Chlorotoluene
Concen: 106.408 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 1725204
Ion Ratio Lower Upper
91 100
126 32.8 0.0 69.8

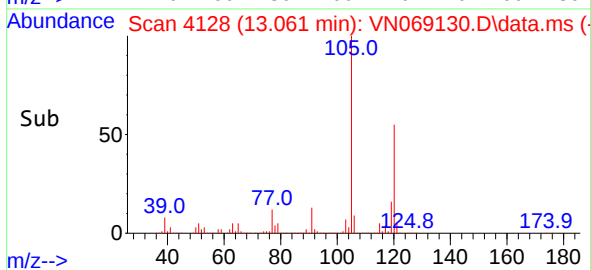
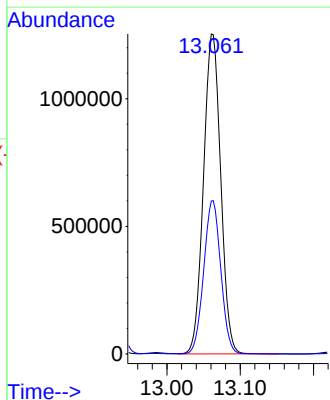
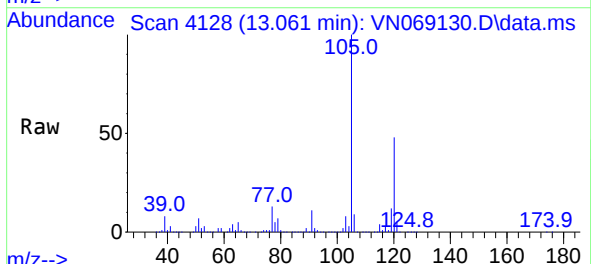
Manual Integrations
APPROVED

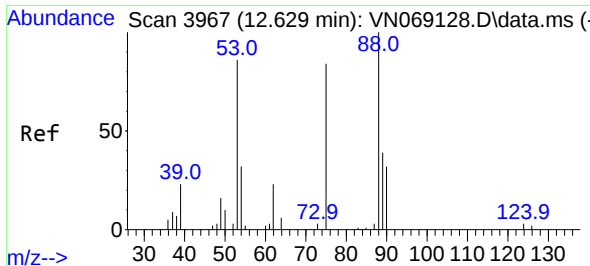
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#76
1,3,5-Trimethylbenzene
Concen: 103.079 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

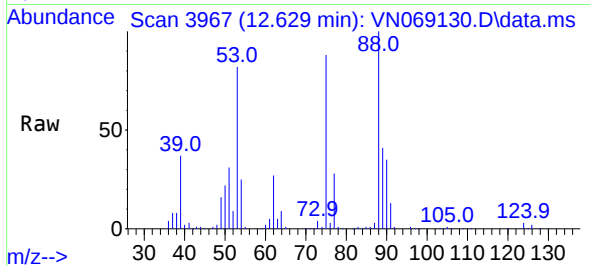
Tgt Ion:105 Resp: 2041487
Ion Ratio Lower Upper
105 100
120 47.6 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 119.742 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

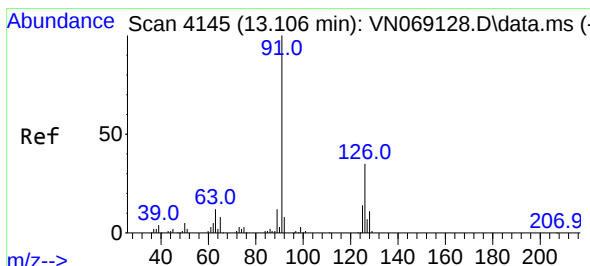
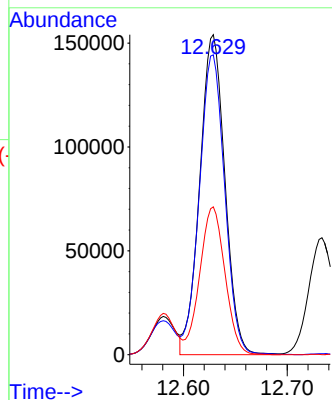
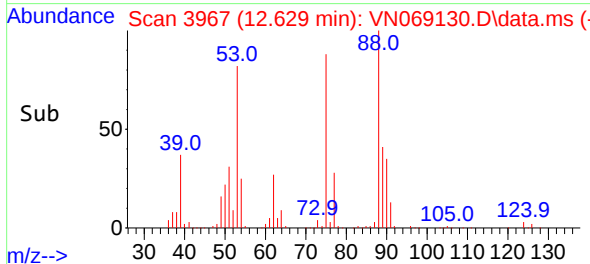
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



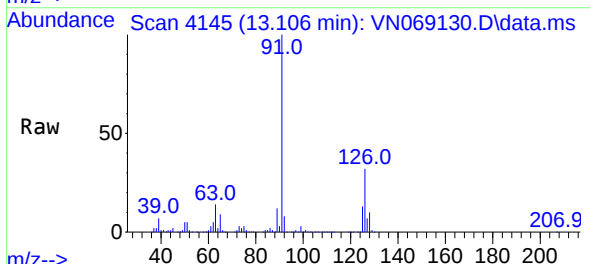
Tgt Ion: 75 Resp: 25992
Ion Ratio Lower Upper
75 100
53 93.8 51.8 155.5
89 46.3 22.9 68.7

Manual Integrations
APPROVED

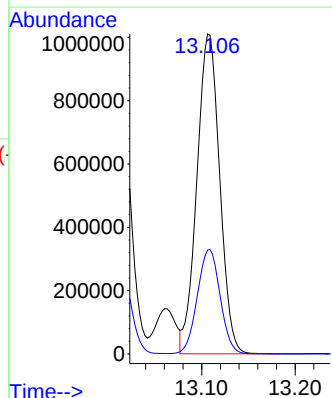
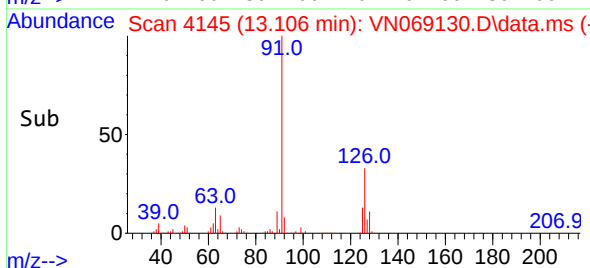
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

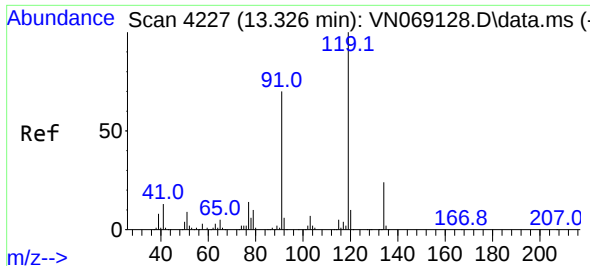


#78
4-Chlorotoluene
Concen: 107.337 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



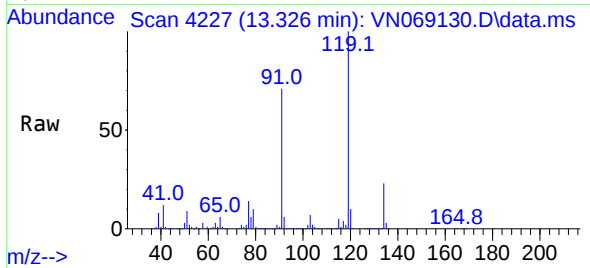
Tgt Ion: 91 Resp: 1711791
Ion Ratio Lower Upper
91 100
126 32.8 0.0 70.6





#79
tert-butylbenzene
Concen: 103.847 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

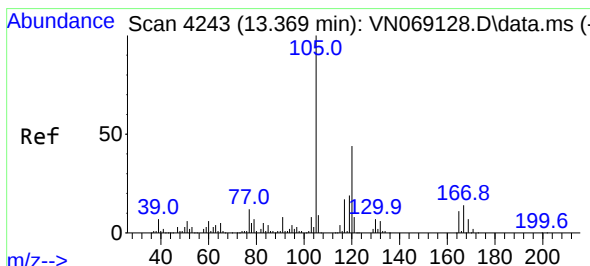
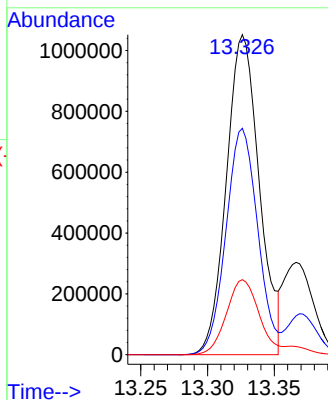
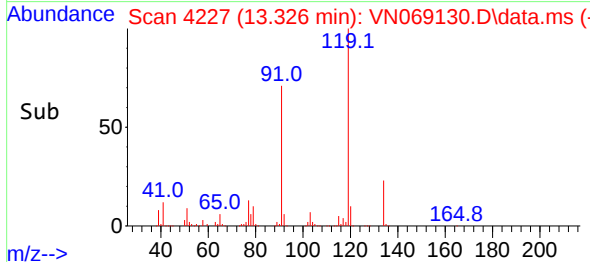
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



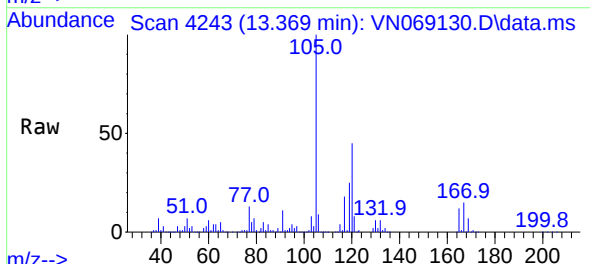
Tgt Ion:119 Resp: 1808299
Ion Ratio Lower Upper
119 100
91 68.2 0.0 137.0
134 23.3 0.0 47.6

Manual Integrations
APPROVED

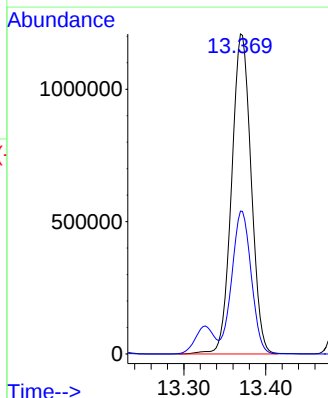
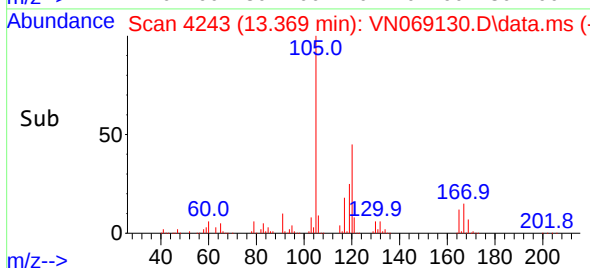
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

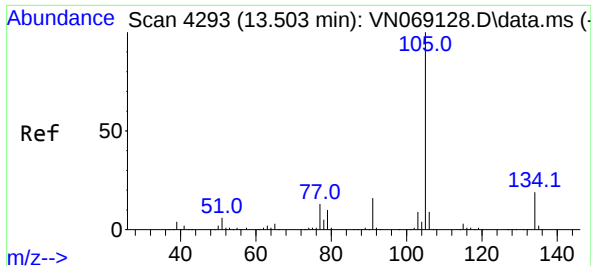


#80
1,2,4-Trimethylbenzene
Concen: 101.904 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



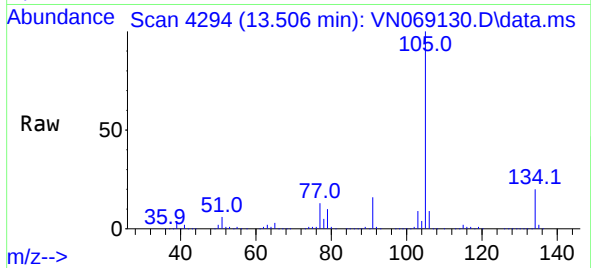
Tgt Ion:105 Resp: 1999343
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 102.297 ug/l
 RT: 13.506 min Scan# 4293
 Delta R.T. 0.003 min
 Lab File: VN069130.D
 Acq: 22 Oct 2021 12:27

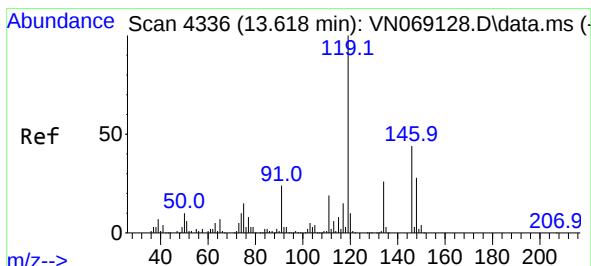
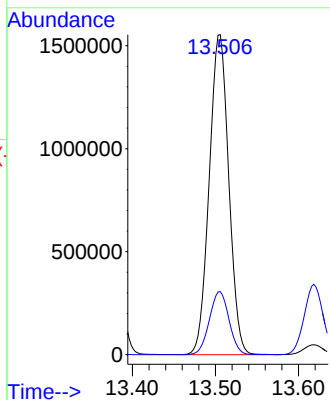
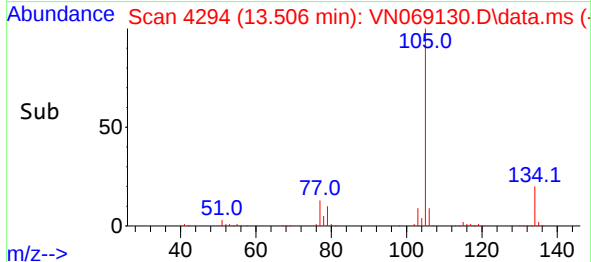
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



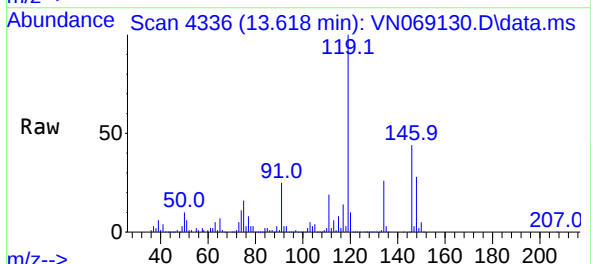
Tgt Ion:105 Resp: 253575
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.4

Manual Integrations
 APPROVED

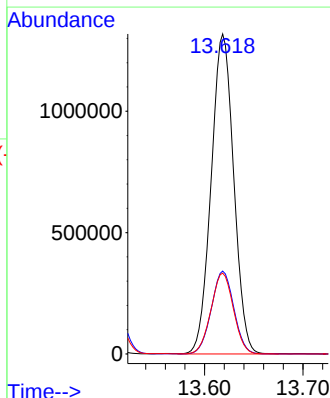
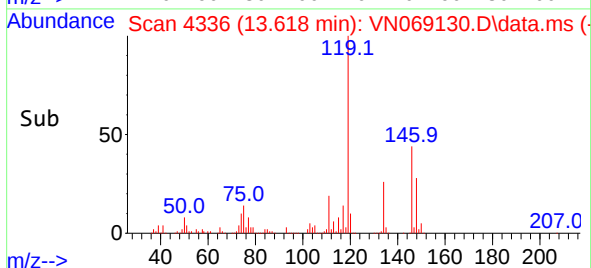
Reviewed By :John Carlone 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021

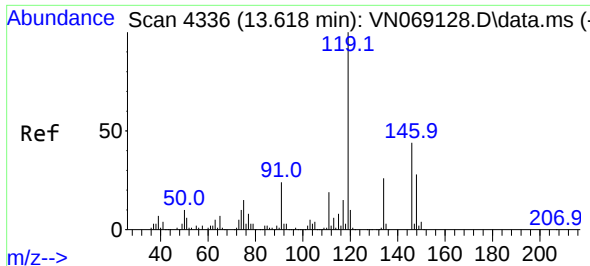


#82
 p-Isopropyltoluene
 Concen: 102.675 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN069130.D
 Acq: 22 Oct 2021 12:27



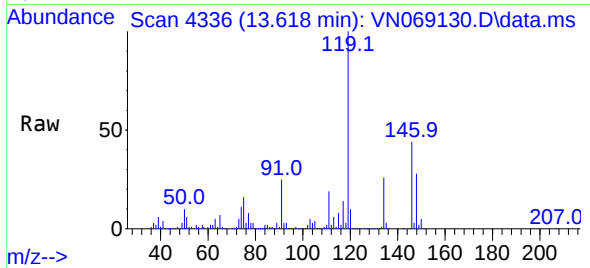
Tgt Ion:119 Resp: 2101494
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.8
 91 25.2 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 99.995 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

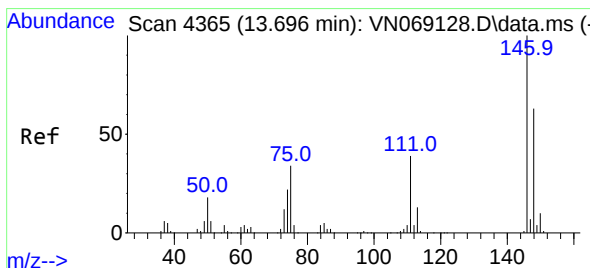
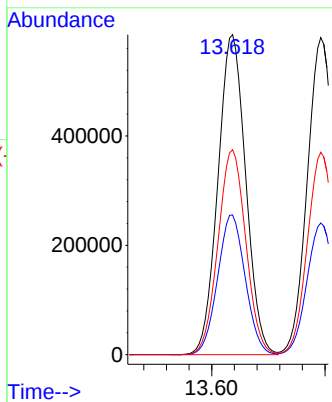
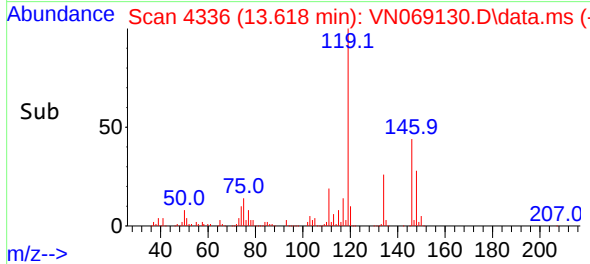
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



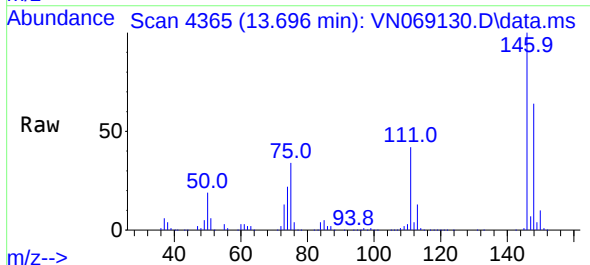
Tgt Ion:146 Resp: 99804
Ion Ratio Lower Upper
146 100
111 43.4 20.8 62.2
148 64.1 31.4 94.3

Manual Integrations
APPROVED

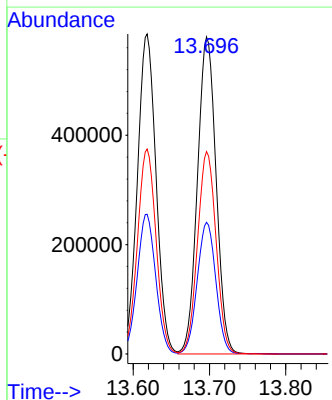
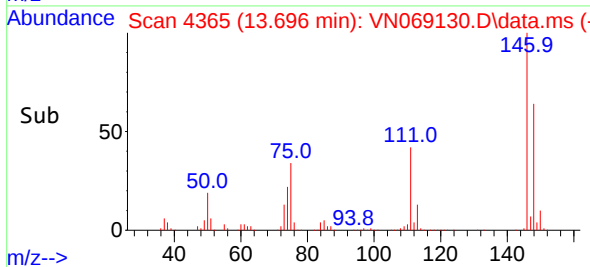
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

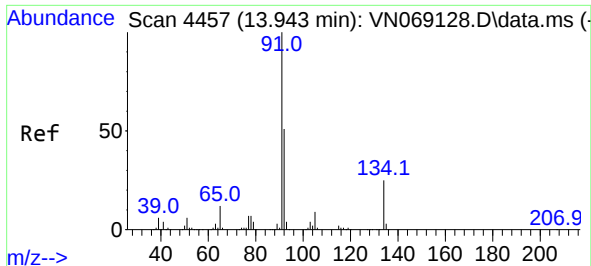


#84
1,4-Dichlorobenzene
Concen: 103.789 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



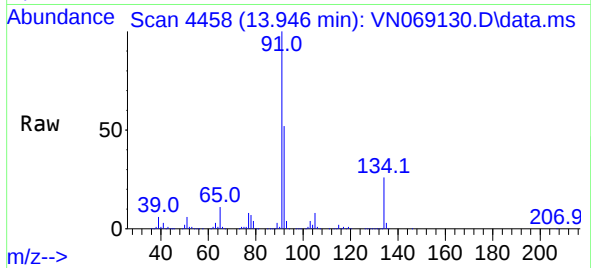
Tgt Ion:146 Resp: 984921
Ion Ratio Lower Upper
146 100
111 41.4 19.5 58.5
148 63.5 31.1 93.5





#85
n-Butylbenzene
Concen: 107.669 ug/l
RT: 13.946 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

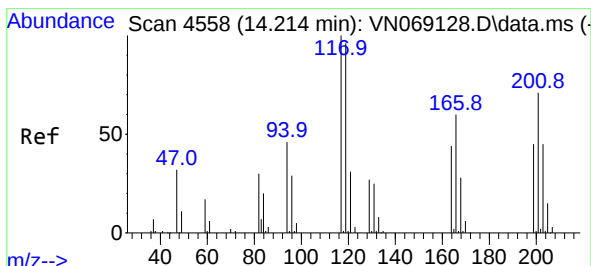
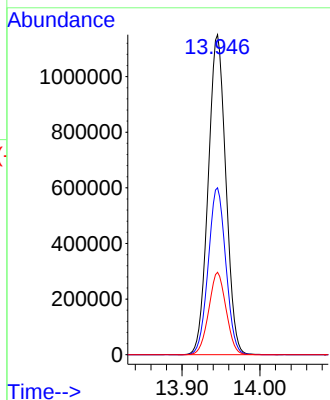
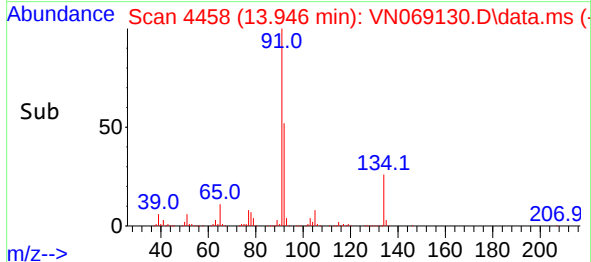
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 180666
Ion Ratio Lower Upper
91 100
92 52.1 0.0 100.6
134 25.4 0.0 50.2

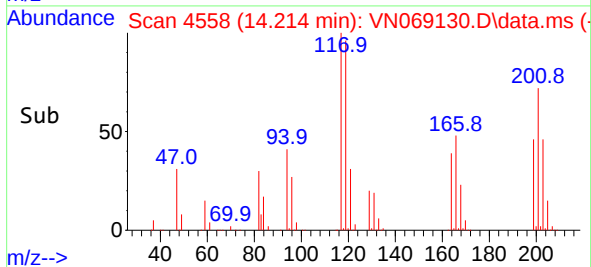
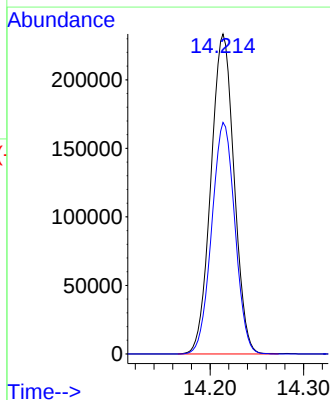
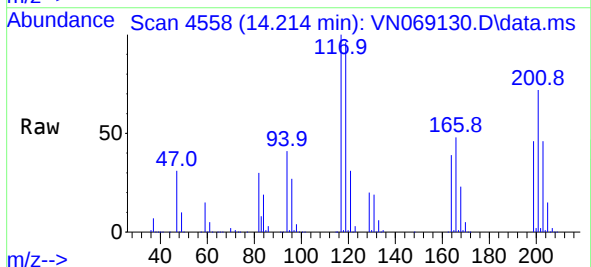
Manual Integrations
APPROVED

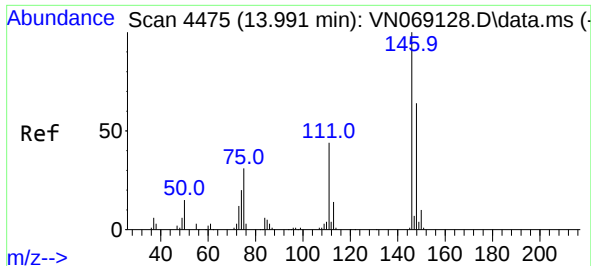
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#86
Hexachloroethane
Concen: 104.668 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

Tgt Ion:117 Resp: 401951
Ion Ratio Lower Upper
117 100
201 72.3 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 102.135 ug/l

RT: 13.991 min Scan# 4475

Delta R.T. -0.000 min

Lab File: VN069130.D

Acq: 22 Oct 2021 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 947304

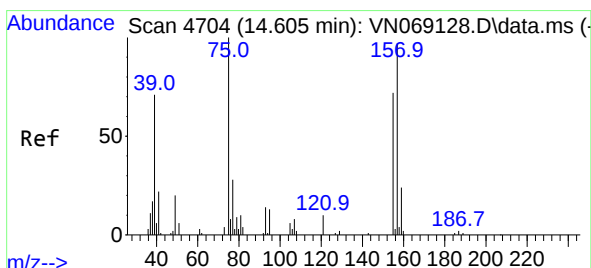
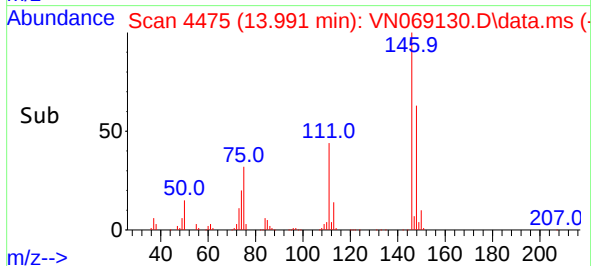
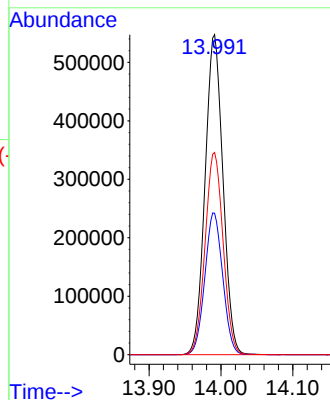
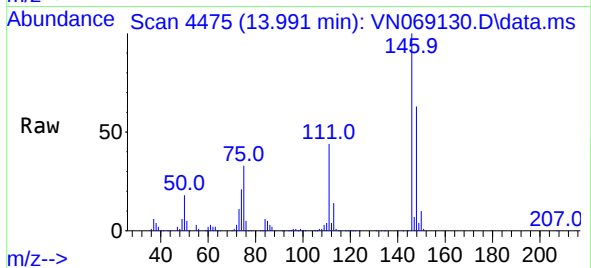
Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.4	64.2
148	63.8	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#88

1,2-Dibromo-3-Chloropropane

Concen: 115.042 ug/l

RT: 14.605 min Scan# 4704

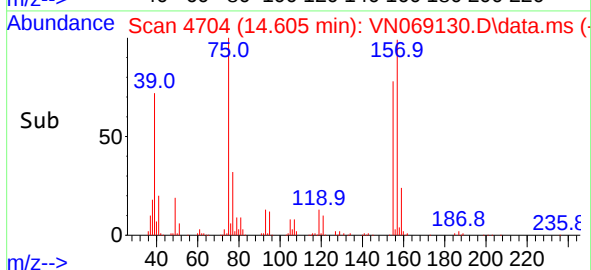
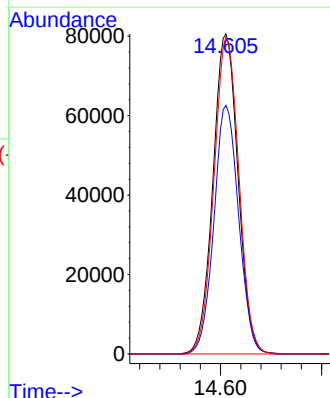
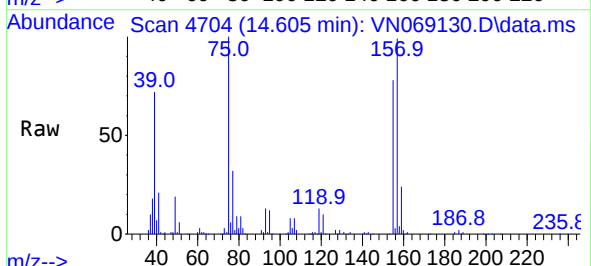
Delta R.T. -0.000 min

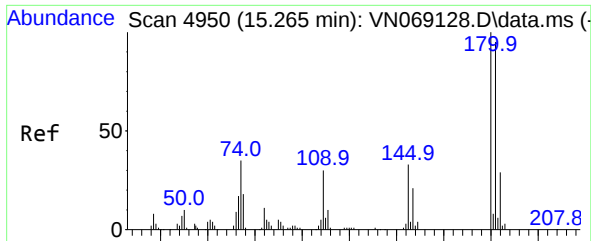
Lab File: VN069130.D

Acq: 22 Oct 2021 12:27

Tgt Ion: 75 Resp: 139168

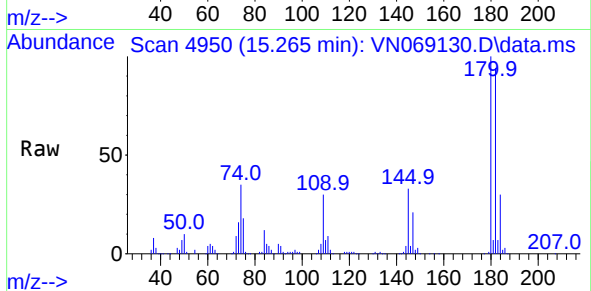
Ion	Ratio	Lower	Upper
75	100		
155	76.6	63.8	95.8
157	98.4	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 109.926 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

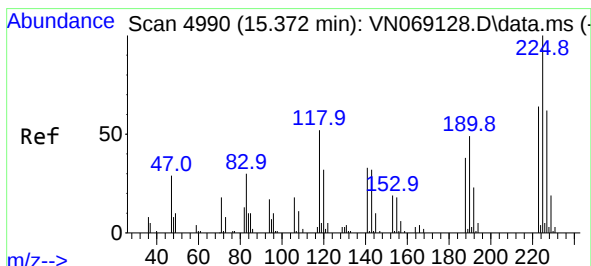
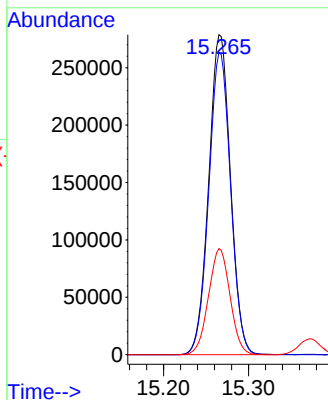
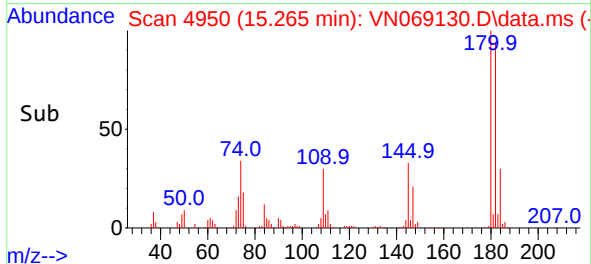
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



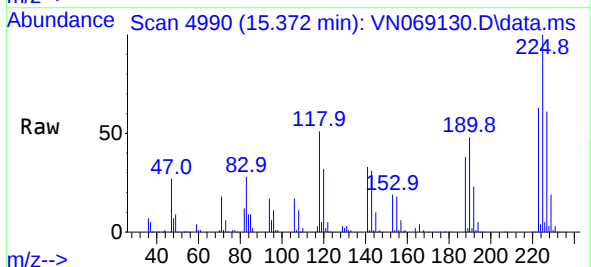
Tgt Ion:180 Resp: 495698
Ion Ratio Lower Upper
180 100
182 94.6 77.7 116.5
145 32.9 26.6 39.8

Manual Integrations
APPROVED

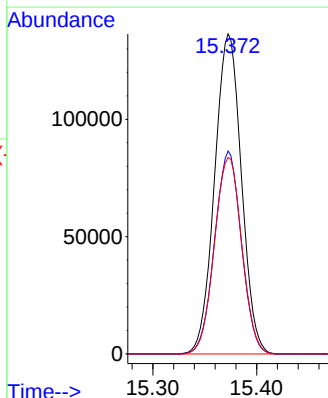
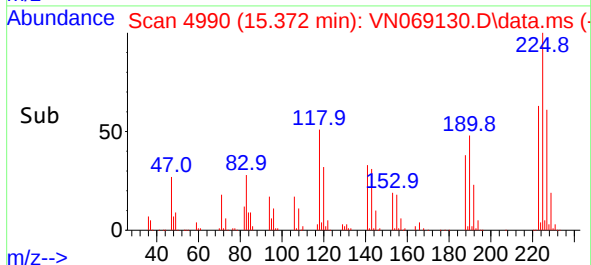
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

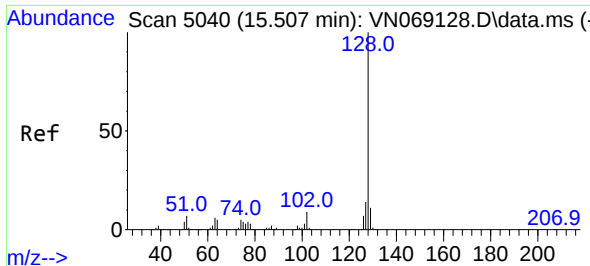


#90
Hexachlorobutadiene
Concen: 106.961 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



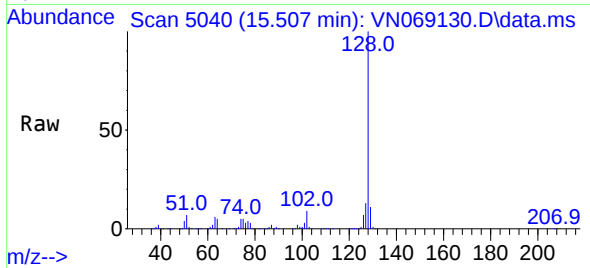
Tgt Ion:225 Resp: 244721
Ion Ratio Lower Upper
225 100
223 63.2 0.0 126.8
227 62.7 0.0 123.0





#91
Naphthalene
Concen: 115.162 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27

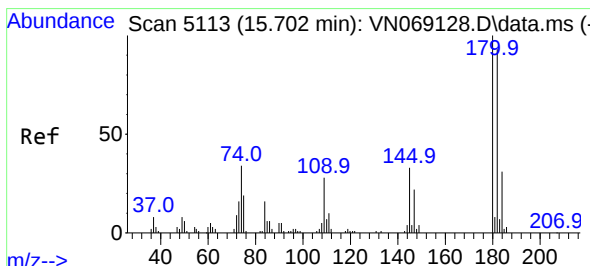
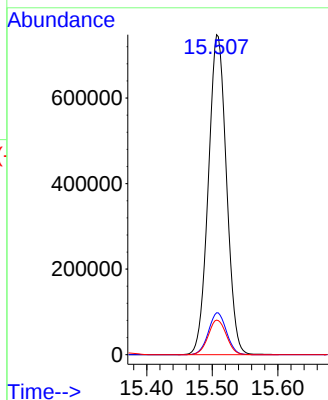
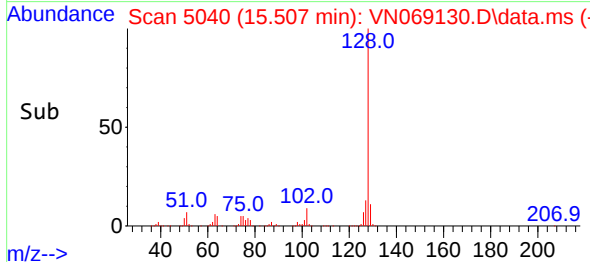
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



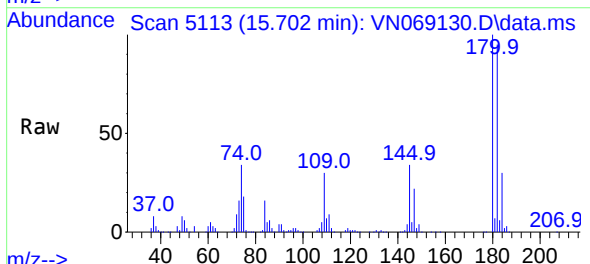
Tgt Ion:128 Resp: 1434598
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.9 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#92
1,2,3-Trichlorobenzene
Concen: 111.107 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.000 min
Lab File: VN069130.D
Acq: 22 Oct 2021 12:27



Tgt Ion:180 Resp: 475833
Ion Ratio Lower Upper
180 100
182 94.5 0.0 190.0
145 34.4 0.0 67.8

