

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112321\
 Data File : VN069621.D
 Acq On : 23 Nov 2021 11:40
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 24 02:25:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	163860	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	909904	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.744	117	836143	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	445297	31.334	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.433%			
60) 4-Bromofluorobenzene	12.731	95	399053	29.823	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.400%			
63) Toluene-d8	10.440	98	1184093	30.670	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.233%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	269066	22.222	ug/l	99
3) Chloromethane	2.306	50	277281	21.964	ug/l	97
4) Vinyl Chloride	2.451	62	264513	20.663	ug/l	99
5) Bromomethane	2.869	94	157507	19.212	ug/l	98
6) Chloroethane	3.028	64	158721	19.652	ug/l	95
7) Trichlorofluoromethane	3.382	101	356513	19.001	ug/l	100
8) Diethyl Ether	3.827	74	130043	21.957	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.213	101	194179	22.365	ug/l #	69
10) 1,1-Dichloroethene	4.183	96	175074	21.380	ug/l	86
11) Methyl Iodide	4.422	142	251841	22.074	ug/l	98
12) Methyl Acetate	4.857	43	504980m	21.413	ug/l	
13) Acrolein	4.047	56	79399	122.456	ug/l	97
14) Acrylonitrile	5.554	53	651600	101.276	ug/l	98
15) Acetone	4.291	58	221740	103.430	ug/l	77
16) Carbon Disulfide	4.532	76	417424	20.394	ug/l	99
17) Allyl chloride	4.841	41	372909	21.426	ug/l	91
18) Methylene Chloride	5.095	84	225507	21.617	ug/l #	84
19) trans-1,2-Dichloroethene	5.602	96	191500	21.311	ug/l	89
20) Diisopropyl ether	6.495	45	815531	21.868	ug/l #	95
21) 1,1-Dichloroethane	6.388	63	408784	21.606	ug/l	99
22) cis-1,2-Dichloroethene	7.324	96	235467	21.128	ug/l	92
23) tert-Butyl Alcohol	5.369	59	203117	90.711	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	700308	21.340	ug/l	95
25) Chloroform	7.818	83	420108	21.476	ug/l	100
26) Cyclohexane	8.094	56	380878	21.204	ug/l #	87
29) 1,1-Dichloropropene	8.222	75	297516	21.420	ug/l	97
30) 2-Butanone	7.335	43	1017472	101.204	ug/l	92
31) 2,2-Dichloropropane	7.324	77	308448	21.006	ug/l	96
32) 1,1,1-Trichloroethane	8.013	97	340793	21.017	ug/l	94
33) Carbon Tetrachloride	8.204	117	285885	21.347	ug/l	99
34) Benzene	8.459	78	922107	21.831	ug/l #	95
35) Methacrylonitrile	7.638	41	198363	21.512	ug/l	90
36) 1,2-Dichloroethane	8.528	62	368812	22.648	ug/l	99
37) Trichloroethene	9.215	130	220467	21.605	ug/l	91
38) Methylcyclohexane	9.459	83	362986	21.123	ug/l	89
39) 1,2-Dichloropropane	9.491	63	250051	22.352	ug/l	100
40) Dibromomethane	9.577	93	161674	21.579	ug/l	96
41) Bromodichloromethane	9.759	83	304923	21.683	ug/l	94
42) Vinyl Acetate	6.434	43	3055223	107.533	ug/l #	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.413	43	383327	20.574	ug/l	99
44) Isopropyl Acetate	8.560	43	598137	20.592	ug/l	96
45) 1,4-Dioxane	9.569	88	90668	384.524	ug/l	88
46) Methyl methacrylate	9.558	41	272526	20.371	ug/l	84
47) n-amyl Acetate	12.390	43	364399	16.337	ug/l	98
48) t-1,3-Dichloropropene	10.717	75	300660	19.922	ug/l	98
49) cis-1,3-Dichloropropene	10.188	75	346724	21.113	ug/l	93
50) 1,1,2-Trichloroethane	10.896	97	226711	21.309	ug/l	96
51) Ethyl methacrylate	10.760	69	348379	19.531	ug/l	90
52) 1,3-Dichloropropane	11.044	76	399505	21.739	ug/l	99
53) Dibromochloromethane	11.237	129	209052	20.562	ug/l	100
54) 1,2-Dibromoethane	11.344	107	223515	20.286	ug/l	94
55) 2-Chloroethyl vinyl ether	10.041	63	477188	117.609	ug/l	97
56) Bromoform	12.457	173	138733	19.029	ug/l #	100
58) 4-Methyl-2-Pentanone	10.331	43	1919892	104.603	ug/l #	94
59) 2-Hexanone	11.087	43	1354493	97.018	ug/l	95
61) Tetrachloroethene	10.977	164	204990	22.842	ug/l	98
62) Toluene	10.505	91	992722	21.606	ug/l	98
64) Chlorobenzene	11.768	112	584519	21.204	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.840	131	209281	21.564	ug/l	99
66) Ethyl Benzene	11.843	91	1067444	20.989	ug/l	100
67) m/p-Xylenes	11.953	106	795475	42.112	ug/l	94
68) o-Xylene	12.280	106	391036	20.675	ug/l	95
69) Styrene	12.294	104	621882	20.281	ug/l	97
70) Isopropylbenzene	12.578	105	1027095	20.765	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.825	83	341974	20.952	ug/l	97
72) 1,2,3-Trichloropropane	12.881	75	292882m	18.420	ug/l	
73) Bromobenzene	12.860	156	234178	20.538	ug/l	93
74) n-propylbenzene	12.919	91	1143160	20.124	ug/l	99
75) 2-Chlorotoluene	13.007	91	721747	20.871	ug/l	96
76) 1,3,5-Trimethylbenzene	13.058	105	845042	20.815	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	69119	16.104	ug/l	82
78) 4-Chlorotoluene	13.104	91	667684	20.162	ug/l	94
79) tert-butylbenzene	13.324	119	715759	20.042	ug/l	98
80) 1,2,4-Trimethylbenzene	13.367	105	816517m	20.617	ug/l	
81) sec-Butylbenzene	13.501	105	990464	19.822	ug/l	100
82) p-Isopropyltoluene	13.616	119	785573	19.704	ug/l	99
83) 1,3-Dichlorobenzene	13.616	146	397501	20.390	ug/l	99
84) 1,4-Dichlorobenzene	13.694	146	371518	19.644	ug/l	98
85) n-Butylbenzene	13.943	91	590743	17.753	ug/l	99
86) Hexachloroethane	14.211	117	122810	18.612	ug/l	87
87) 1,2-Dichlorobenzene	13.989	146	379483	20.170	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.603	75	53238	18.633	ug/l	96
89) 1,2,4-Trichlorobenzene	15.263	180	152270	16.879	ug/l	98
90) Hexachlorobutadiene	15.367	225	108390	22.219	ug/l	99
91) Naphthalene	15.507	128	355466	13.678	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	145932	16.455	ug/l	98

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

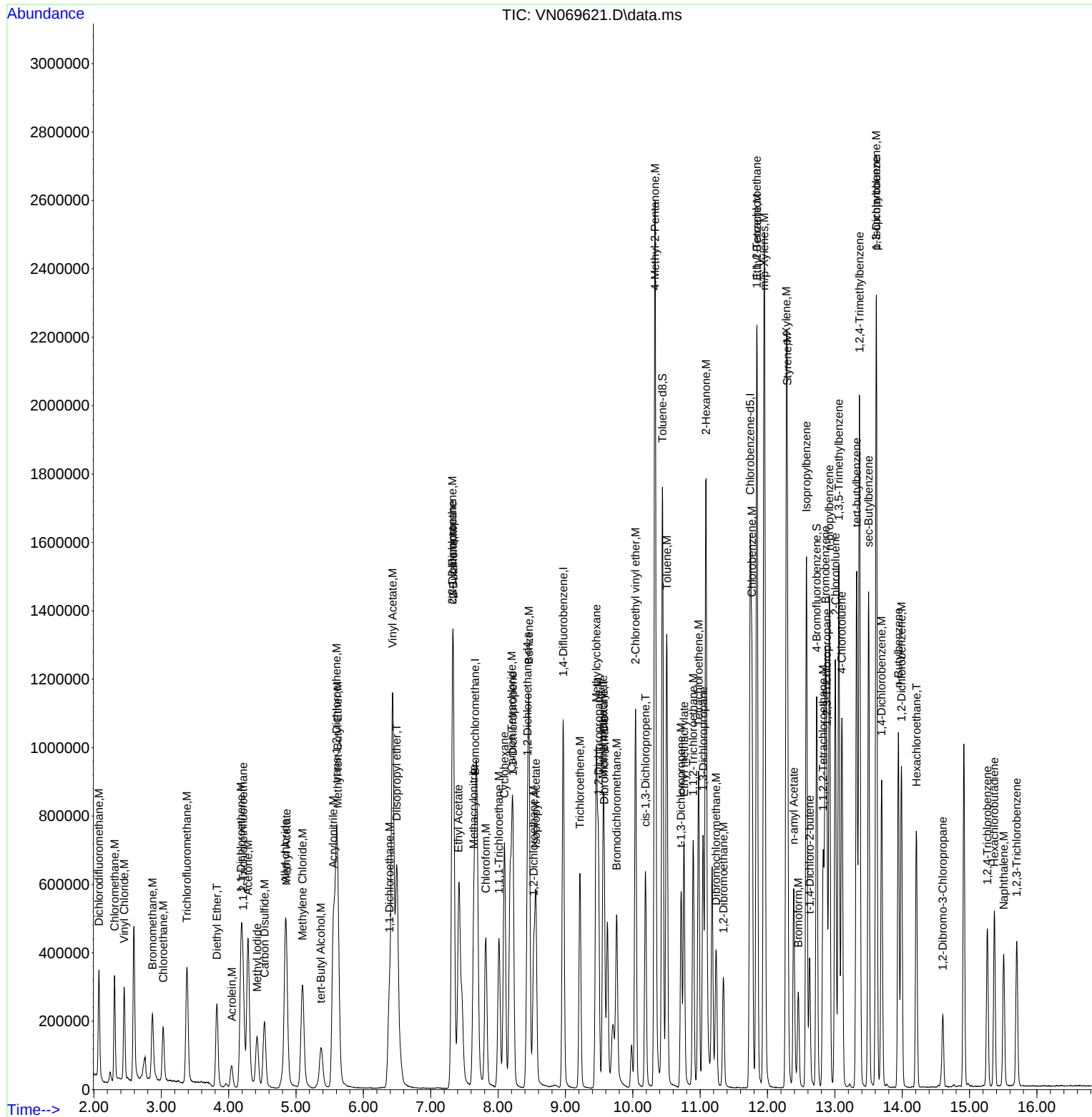
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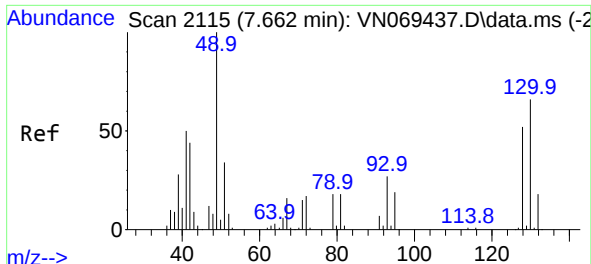
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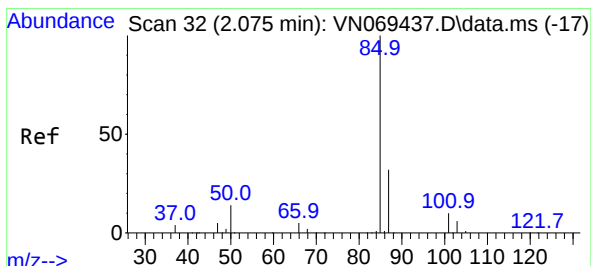
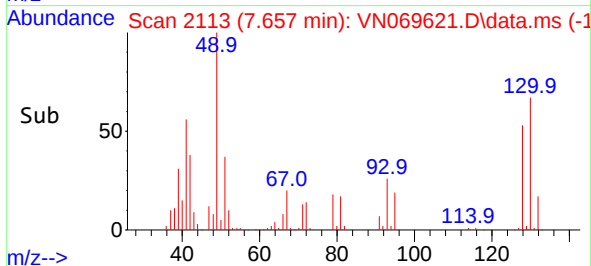
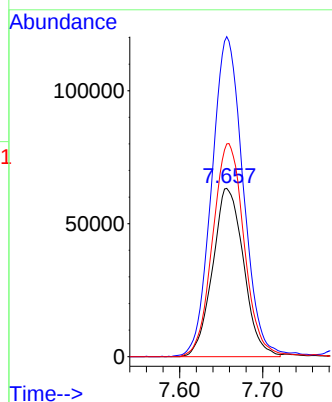
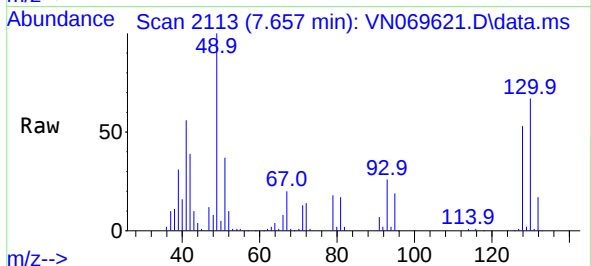
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 2115
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
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ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 163860
Ion Ratio Lower Upper
128 100
49 193.2 0.0 392.3
130 129.1 0.0 320.2

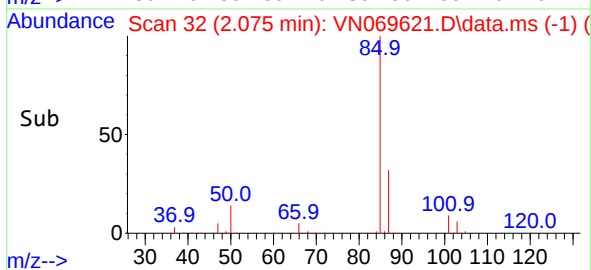
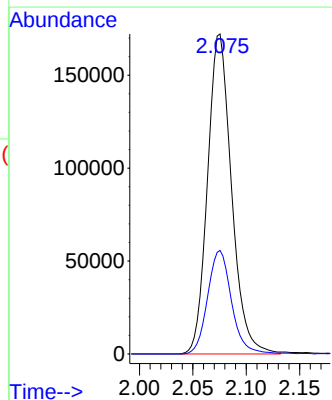
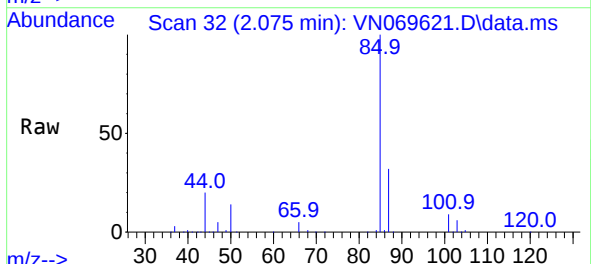
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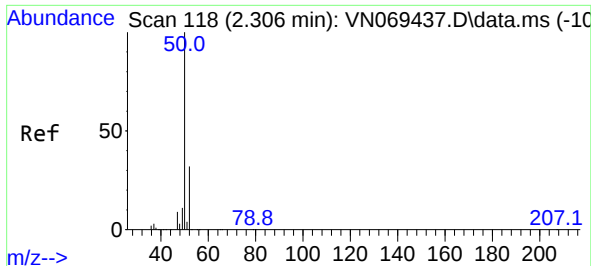
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#2
Dichlorodifluoromethane
Concen: 22.222 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

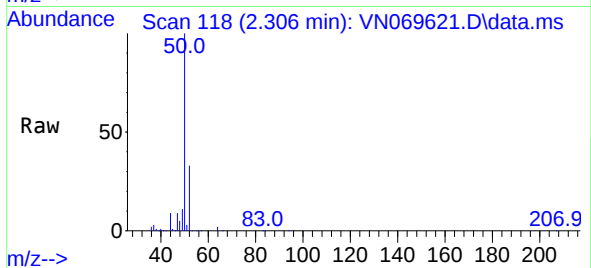
Tgt Ion: 85 Resp: 269066
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.7





#3
Chloromethane
Concen: 21.964 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

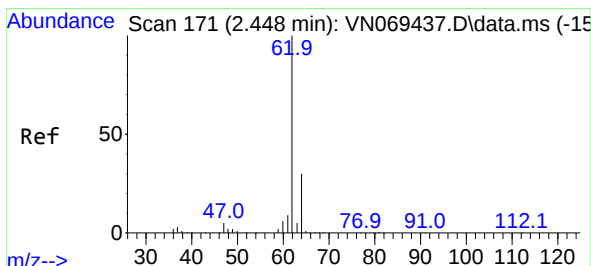
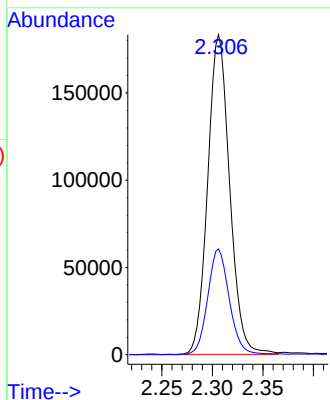
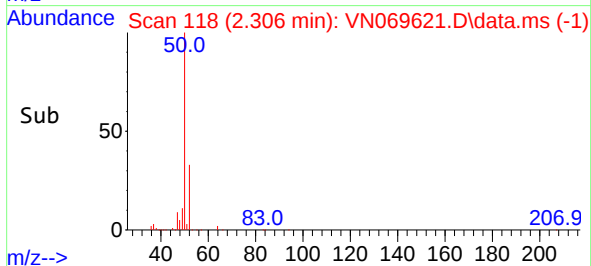
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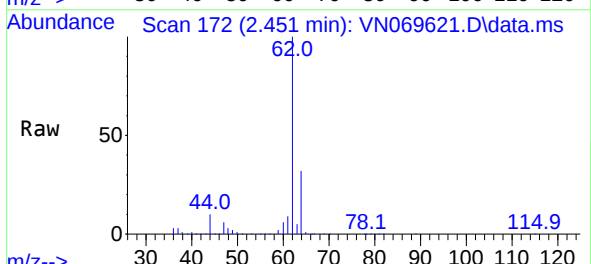
Tgt Ion: 50 Resp: 27728
Ion Ratio Lower Upper
50 100
52 33.1 27.8 41.6

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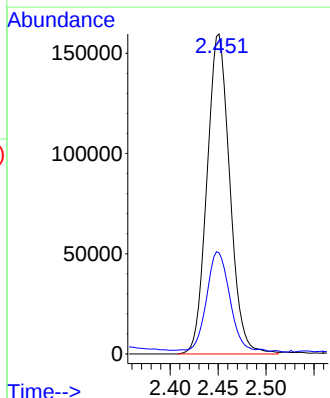
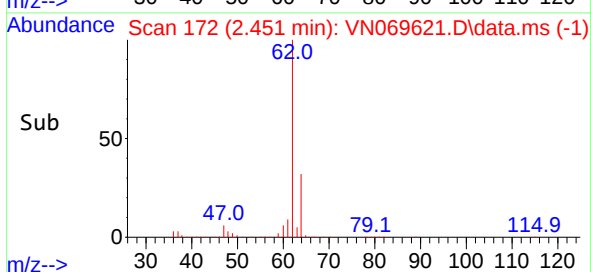
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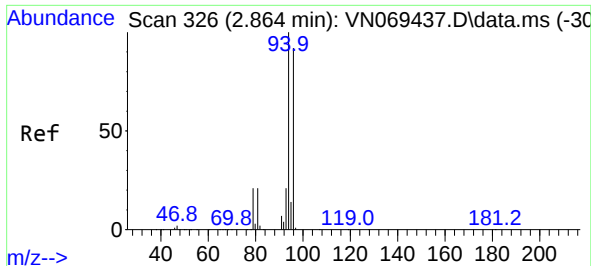


#4
Vinyl Chloride
Concen: 20.663 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.006 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40



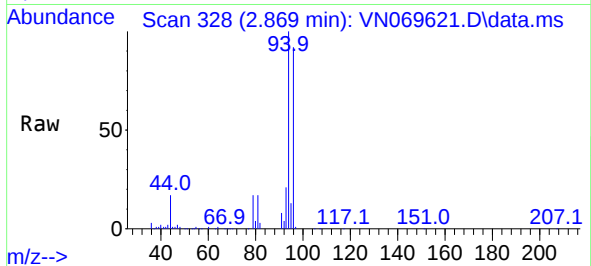
Tgt Ion: 62 Resp: 264513
Ion Ratio Lower Upper
62 100
64 30.7 25.1 37.7





#5
Bromomethane
Concen: 19.212 ug/l
RT: 2.869 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

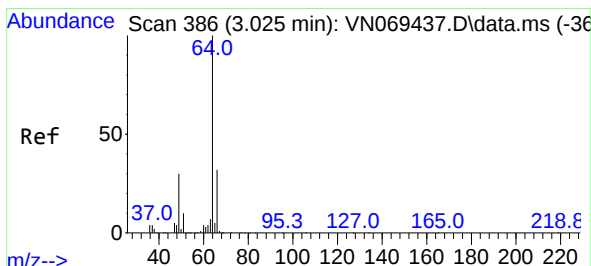
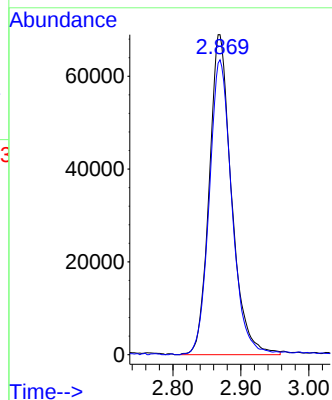
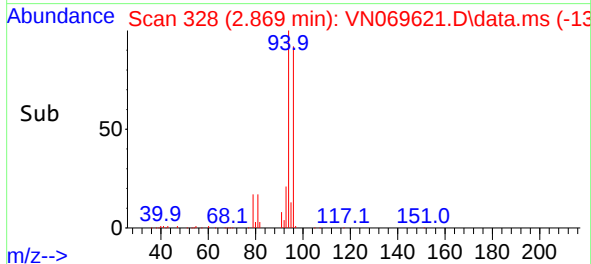
Instrument :
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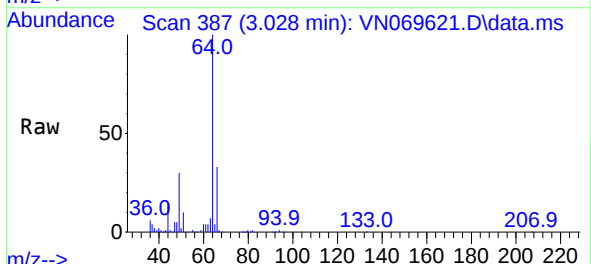
Tgt Ion: 94 Resp: 15750
Ion Ratio Lower Upper
94 100
96 92.1 75.2 112.8

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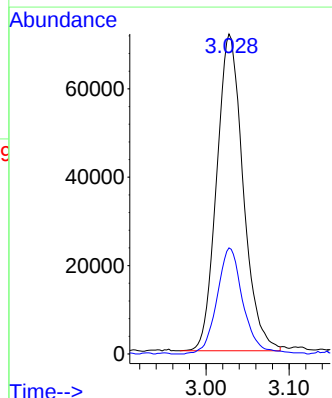
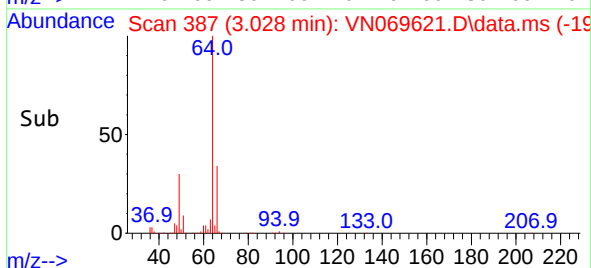
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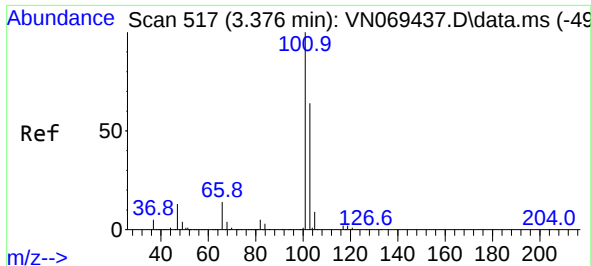


#6
Chloroethane
Concen: 19.652 ug/l
RT: 3.028 min Scan# 387
Delta R.T. 0.003 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40



Tgt Ion: 64 Resp: 158721
Ion Ratio Lower Upper
64 100
66 33.5 24.6 36.8





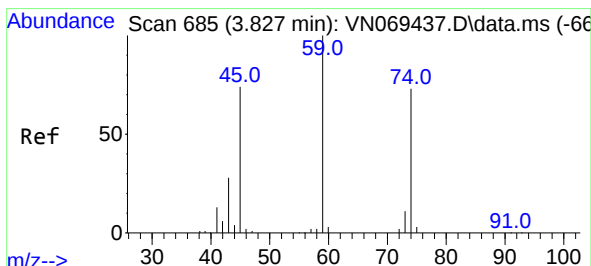
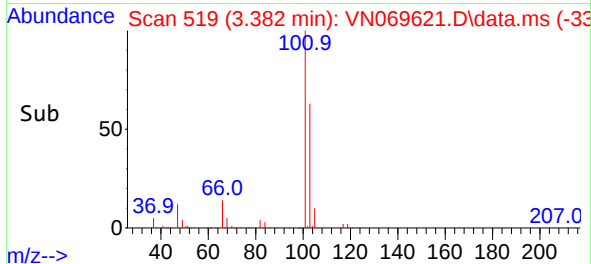
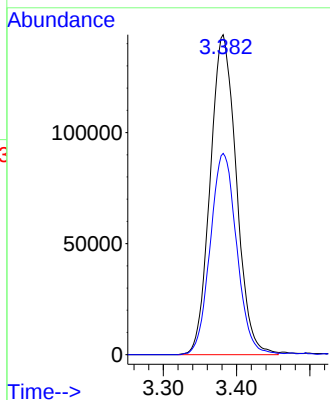
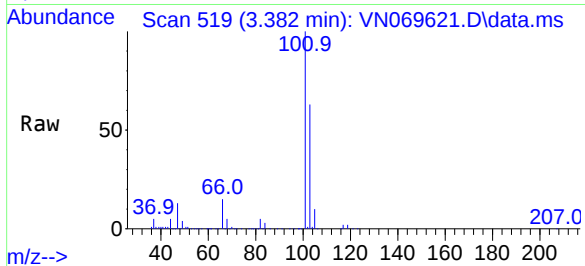
#7
Trichlorofluoromethane
Concen: 19.001 ug/l
RT: 3.382 min Scan# 517
Delta R.T. 0.003 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
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ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 35651
Ion Ratio Lower Upper
101 100
103 62.9 50.1 75.1

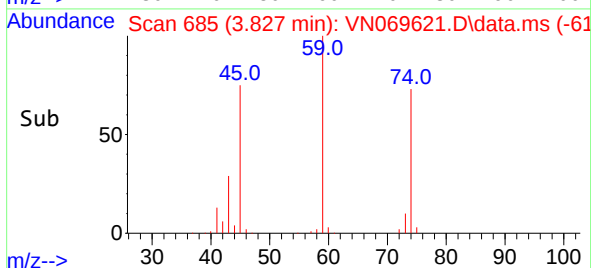
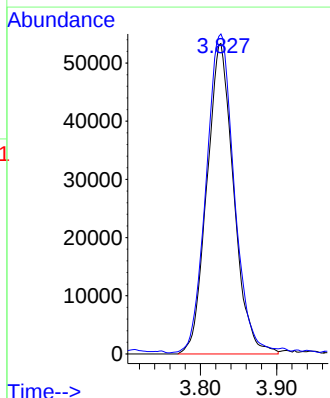
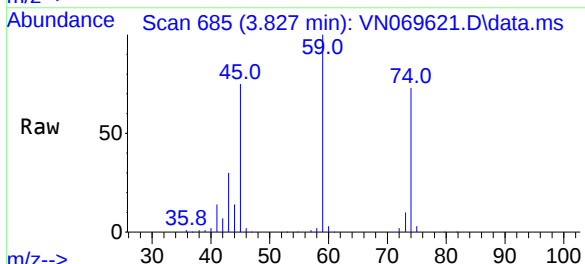
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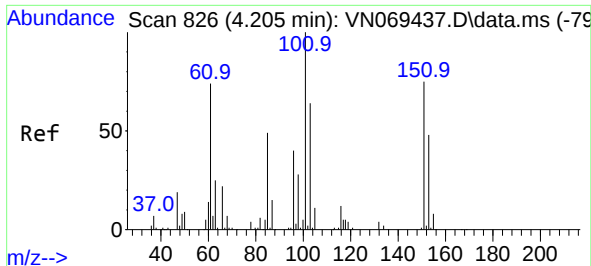
Reviewed By :John Carlone 11/24/2021
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#8
Diethyl Ether
Concen: 21.957 ug/l
RT: 3.827 min Scan# 685
Delta R.T. -0.002 min
Lab File: VN069621.D
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Tgt Ion: 74 Resp: 130043
Ion Ratio Lower Upper
74 100
45 107.2 17.6 158.8





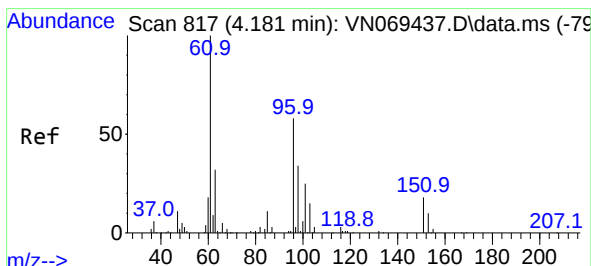
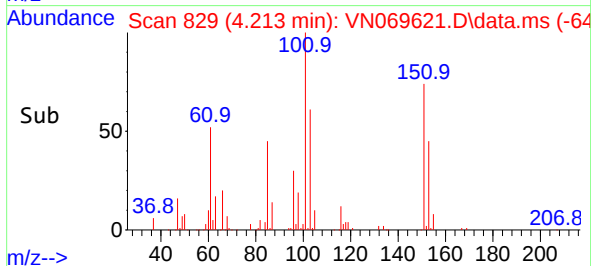
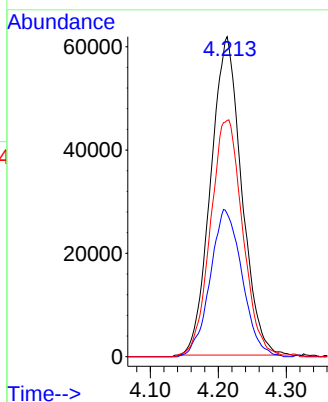
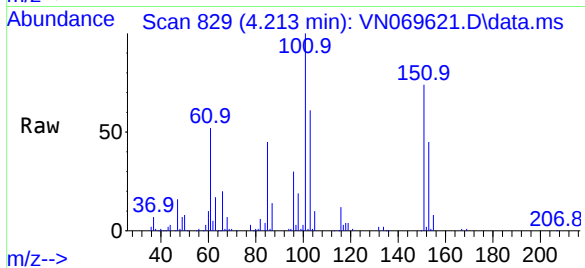
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.365 ug/l
RT: 4.213 min Scan# 81
Delta R.T. -0.008 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 194179
Ion Ratio Lower Upper
101 100
85 47.8 0.0 94.0
151 77.9 0.0 74.6

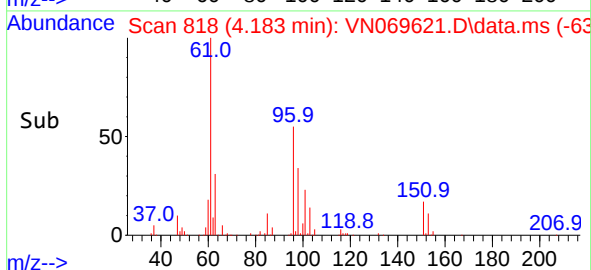
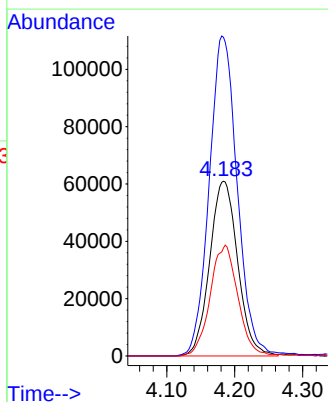
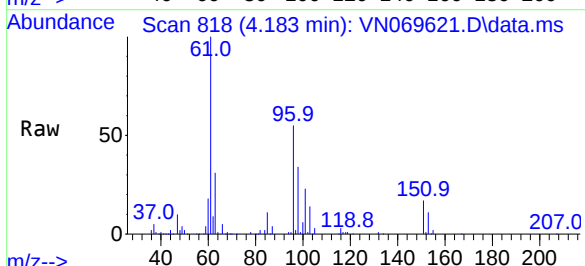
Manual Integrations
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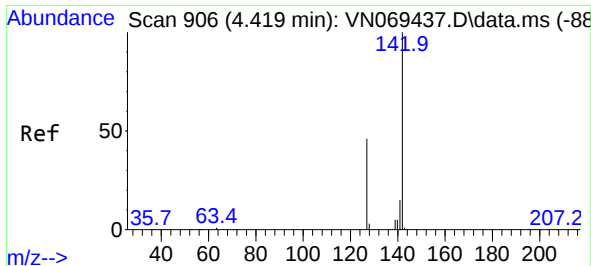
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#10
1,1-Dichloroethene
Concen: 21.380 ug/l
RT: 4.183 min Scan# 818
Delta R.T. -0.008 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

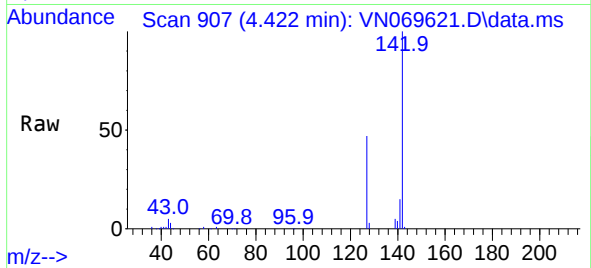
Tgt Ion: 96 Resp: 175074
Ion Ratio Lower Upper
96 100
61 182.0 126.2 189.4
98 61.8 50.9 76.3





#11
Methyl Iodide
Concen: 22.074 ug/l
RT: 4.422 min Scan# 906
Delta R.T. -0.008 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

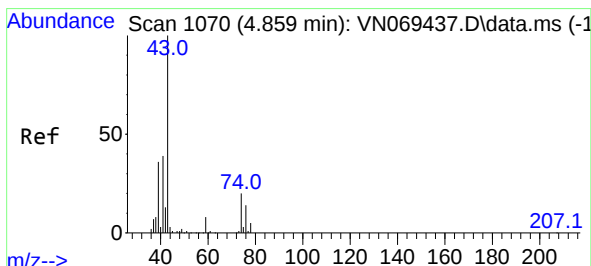
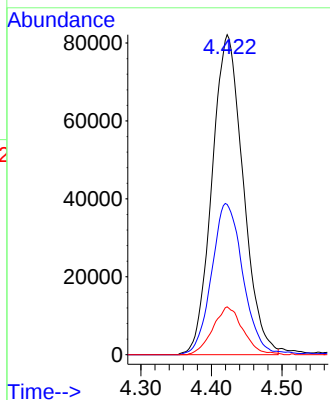
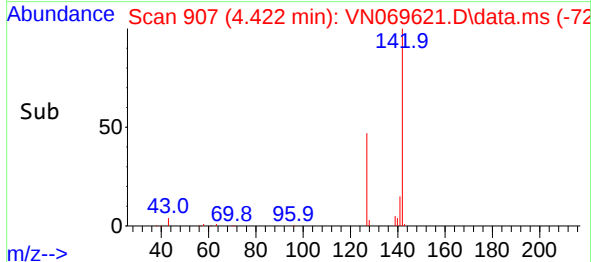
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 25184
Ion Ratio Lower Upper
142 100
127 46.9 24.0 72.0
141 14.8 8.4 25.2

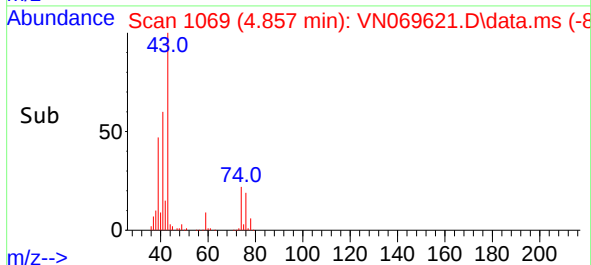
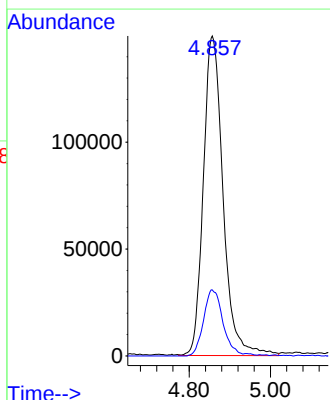
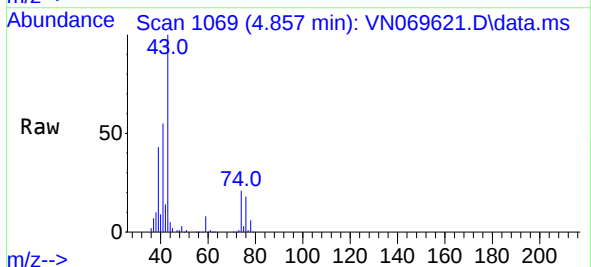
Manual Integrations
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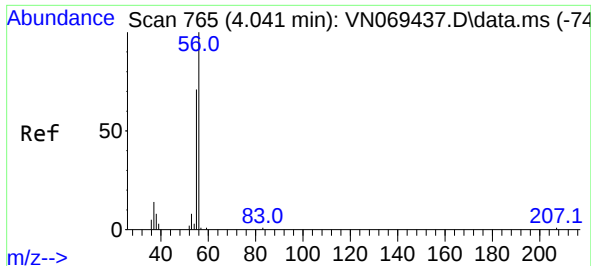
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#12
Methyl Acetate
Concen: 21.413 ug/l m
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

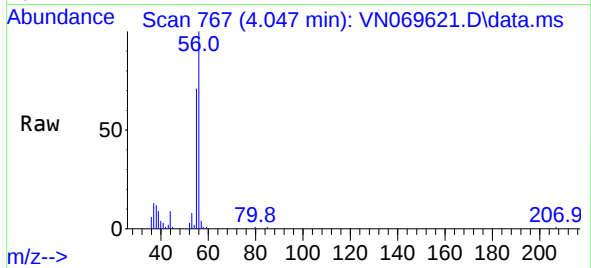
Tgt Ion: 43 Resp: 504980
Ion Ratio Lower Upper
43 100
74 20.6 20.8 31.2#





#13
Acrolein
Concen: 122.456 ug/l
RT: 4.047 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

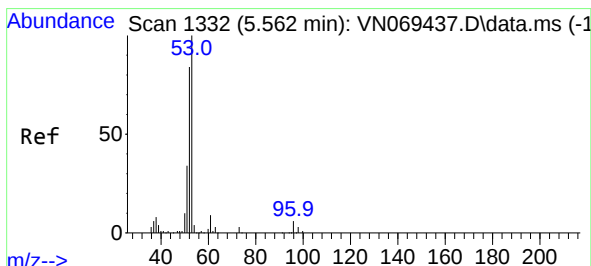
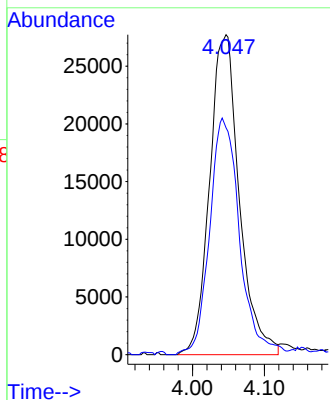
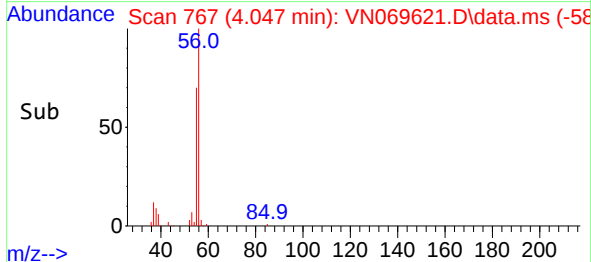
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 79399
Ion Ratio Lower Upper
56 100
55 74.6 57.6 86.4

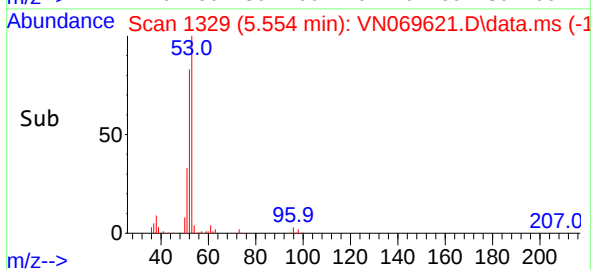
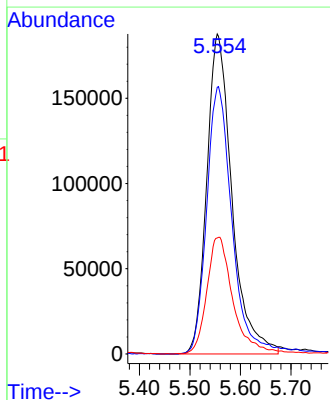
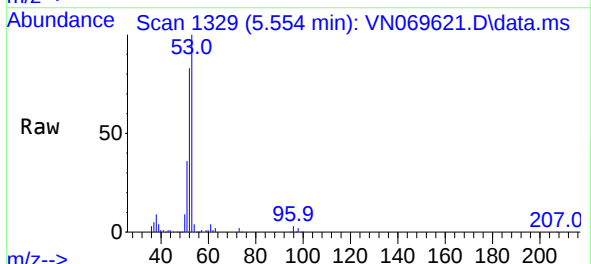
Manual Integrations
APPROVED

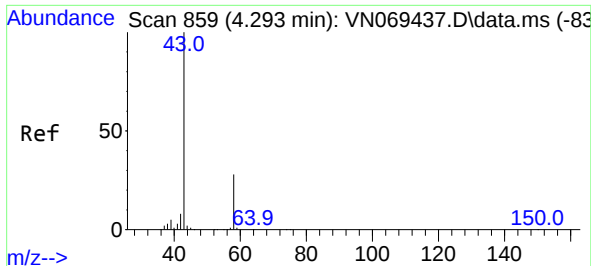
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#14
Acrylonitrile
Concen: 101.276 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

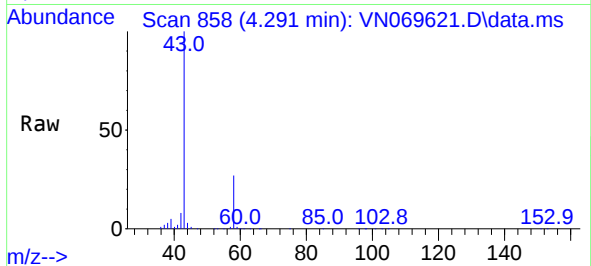
Tgt Ion: 53 Resp: 651600
Ion Ratio Lower Upper
53 100
52 82.6 41.8 125.4
51 36.5 19.0 57.0





#15
Acetone
Concen: 103.430 ug/l
RT: 4.291 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

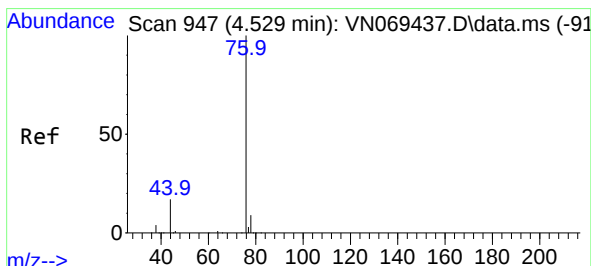
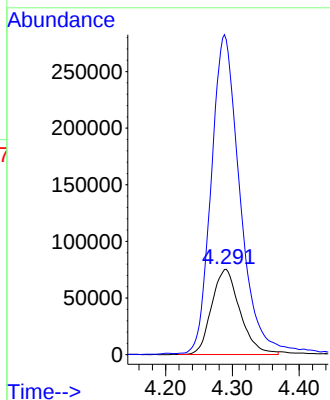
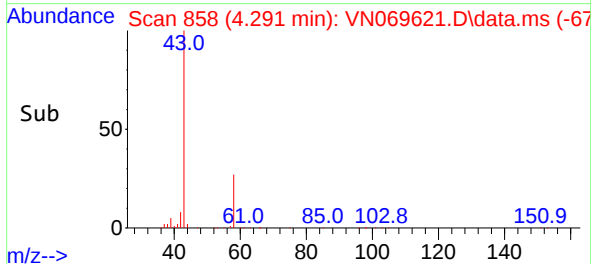
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



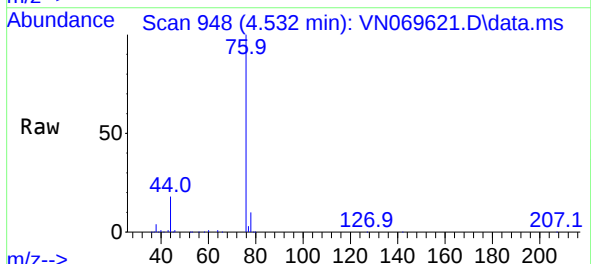
Tgt Ion: 58 Resp: 221740
Ion Ratio Lower Upper
58 100
43 368.0 256.6 384.8

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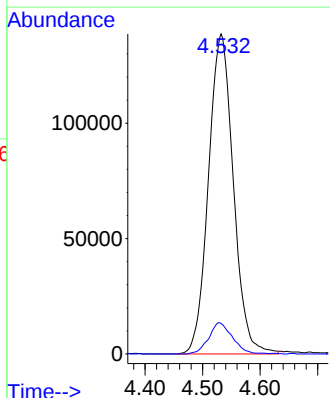
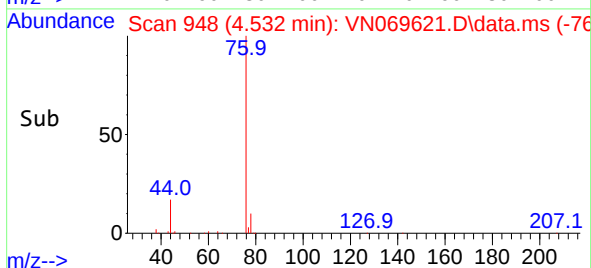
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

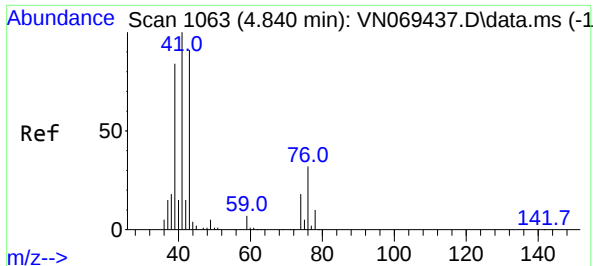


#16
Carbon Disulfide
Concen: 20.394 ug/l
RT: 4.532 min Scan# 948
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40



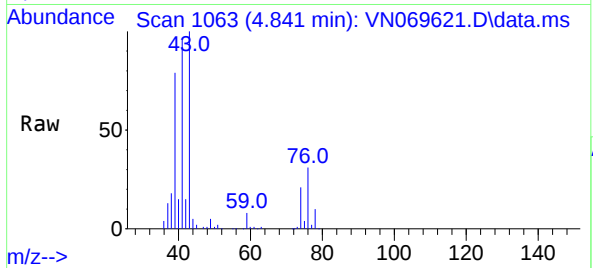
Tgt Ion: 76 Resp: 417424
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8





#17
Allyl chloride
Concen: 21.426 ug/l
RT: 4.841 min Scan# 1063
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

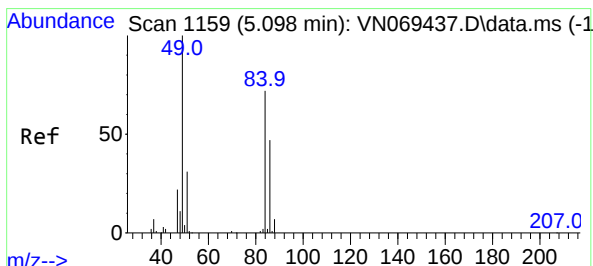
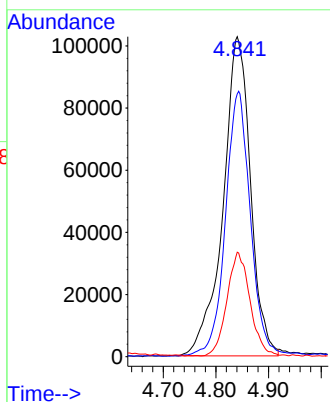
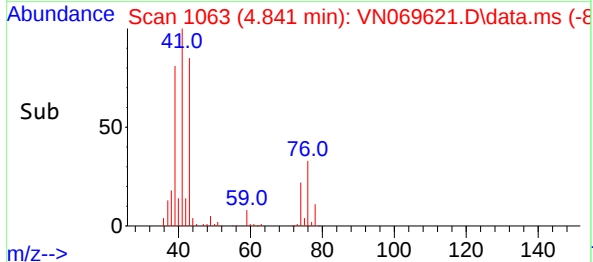
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



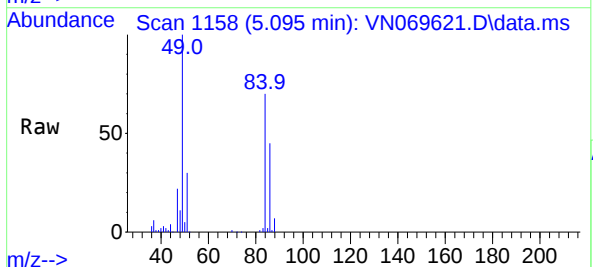
Tgt Ion: 41 Resp: 372909
Ion Ratio Lower Upper
41 100
39 82.1 44.6 134.0
76 32.2 19.6 58.7

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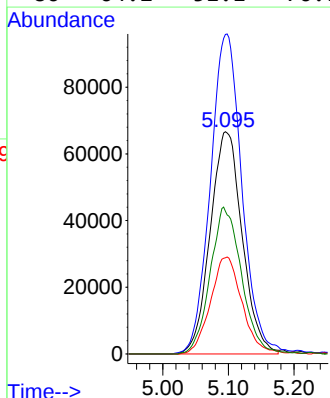
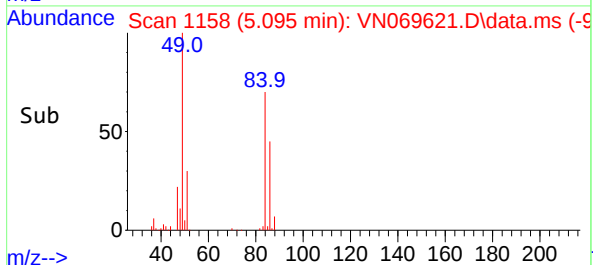
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

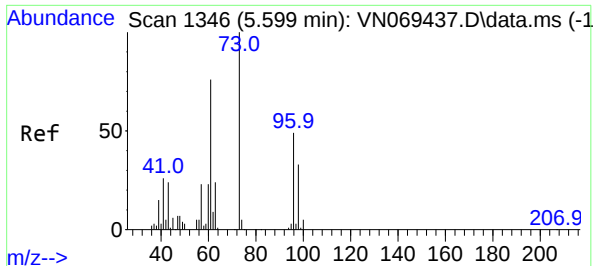


#18
Methylene Chloride
Concen: 21.617 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40



Tgt Ion: 84 Resp: 225507
Ion Ratio Lower Upper
84 100
49 143.2 91.4 137.0#
51 43.3 29.4 44.0
86 64.2 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 21.311 ug/l

RT: 5.602 min Scan# 11

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 96 Resp: 191500

Ion Ratio Lower Upper

96 100

61 147.8 102.8 154.2

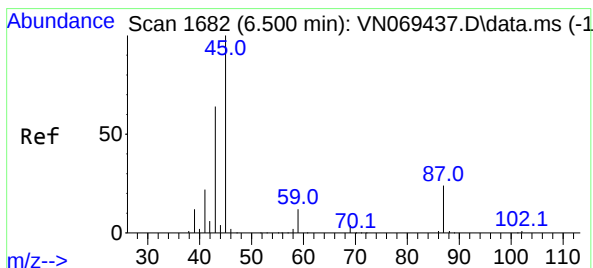
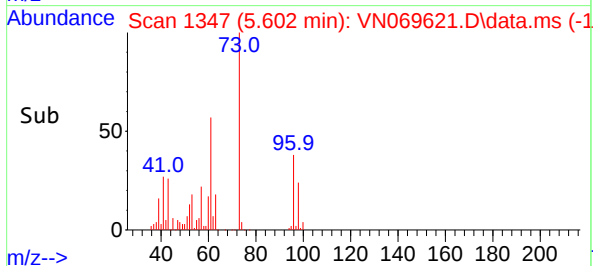
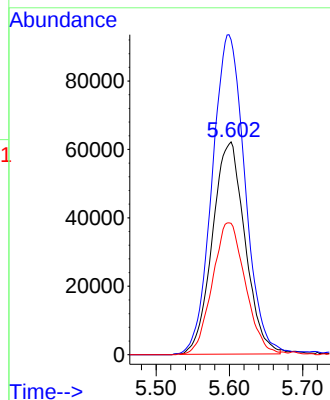
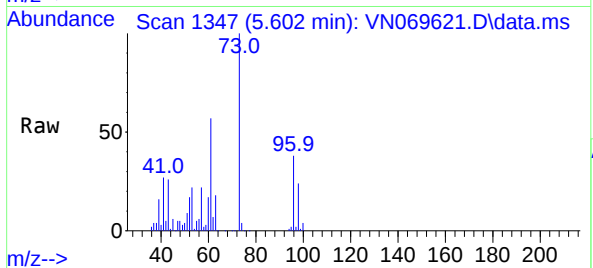
98 61.6 49.3 73.9

Manual Integrations

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Reviewed By :John Carlone 11/24/2021

Supervised By :Mahesh Dadoda 11/26/2021



#20

Diisopropyl ether

Concen: 21.868 ug/l

RT: 6.495 min Scan# 1680

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Tgt Ion: 45 Resp: 815531

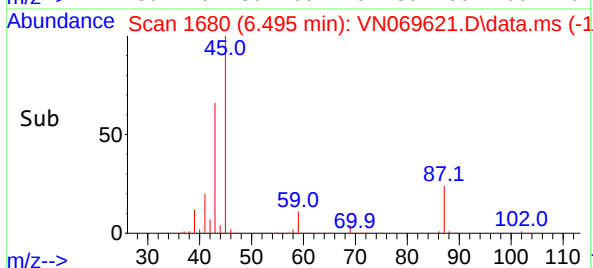
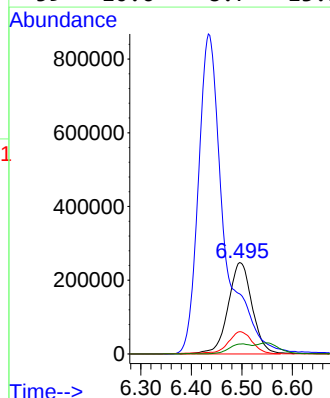
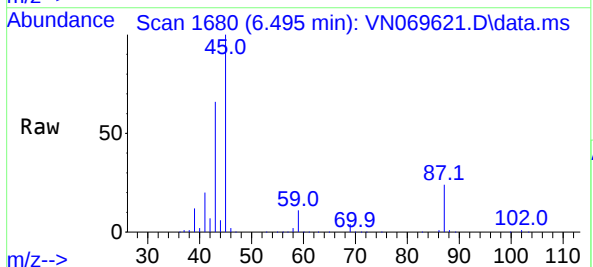
Ion Ratio Lower Upper

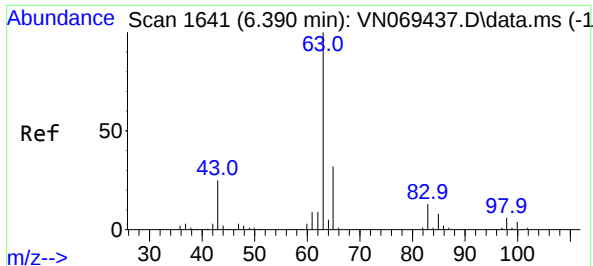
45 100

43 63.0 51.0 76.4

87 24.0 25.0 37.4#

59 10.6 8.7 13.1





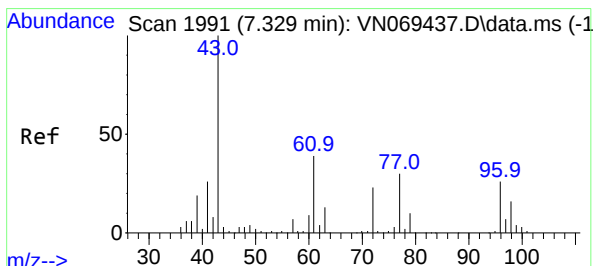
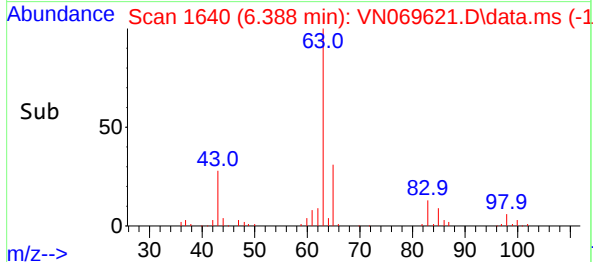
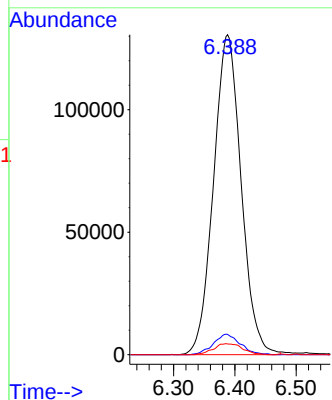
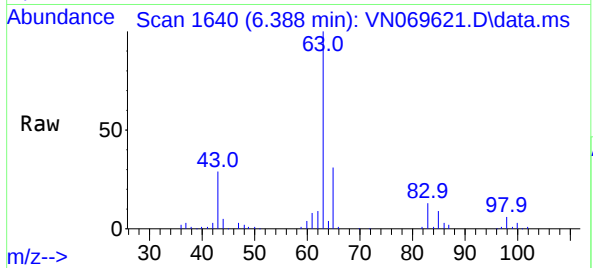
#21
1,1-Dichloroethane
Concen: 21.606 ug/l
RT: 6.388 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 408784
Ion Ratio Lower Upper
63 100
98 6.3 3.2 9.6
100 3.4 2.1 6.2

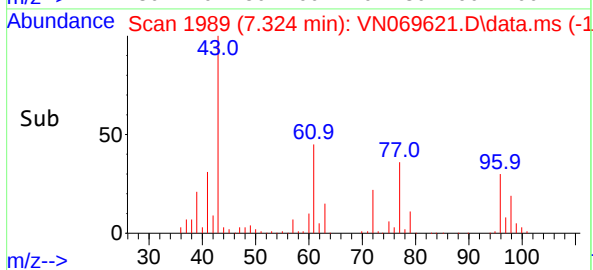
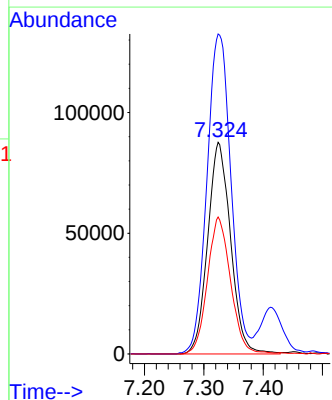
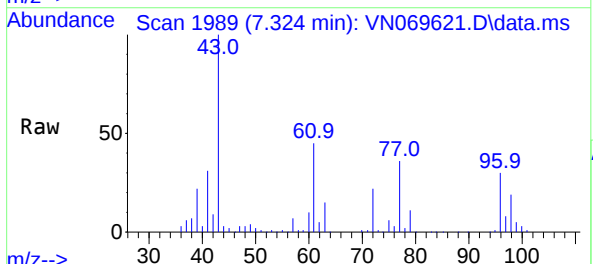
Manual Integrations
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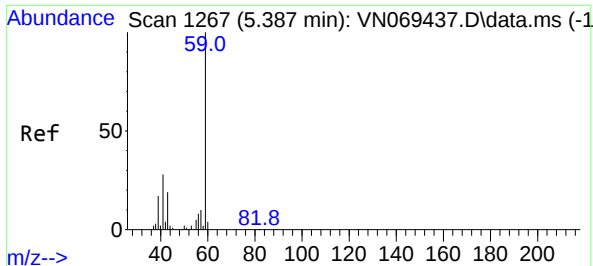
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#22
cis-1,2-Dichloroethene
Concen: 21.128 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 96 Resp: 235467
Ion Ratio Lower Upper
96 100
61 158.2 115.7 173.5
98 64.9 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 90.711 ug/l

RT: 5.369 min Scan# 1267

Delta R.T. 0.003 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 59 Resp: 20311

Ion Ratio Lower Upper

59 100

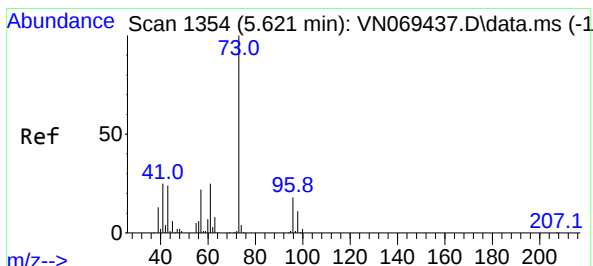
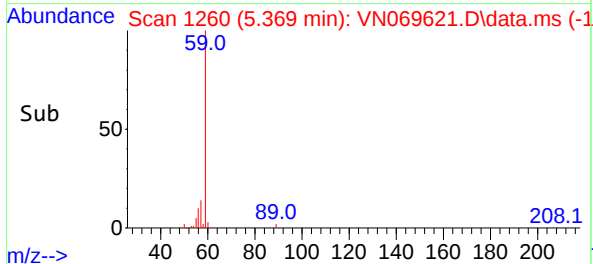
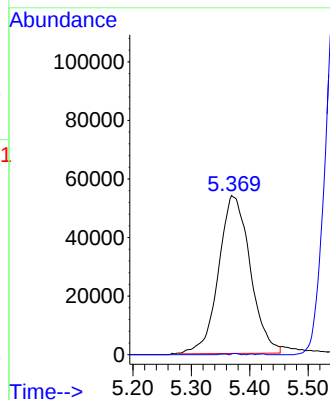
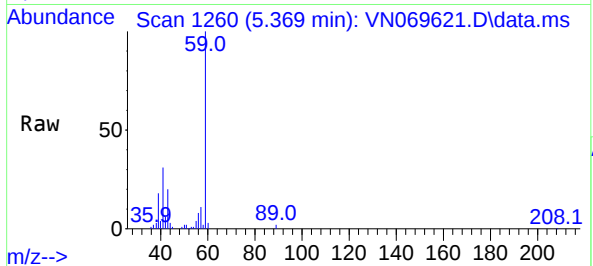
52 0.2 0.0 0.0

Manual Integrations

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Reviewed By :John Carlone 11/24/2021

Supervised By :Mahesh Dadoda 11/26/2021



#24

Methyl tert-Butyl Ether

Concen: 21.340 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. -0.002 min

Lab File: VN069621.D

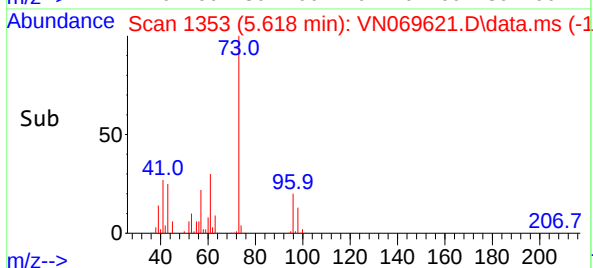
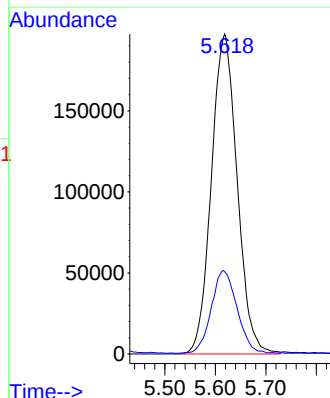
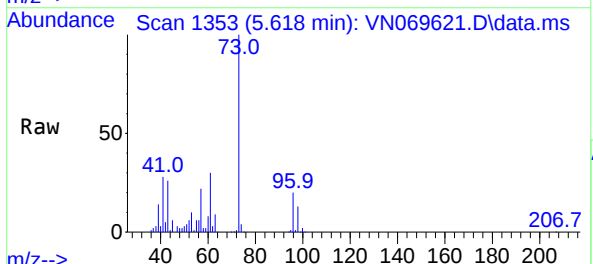
Acq: 23 Nov 2021 11:40

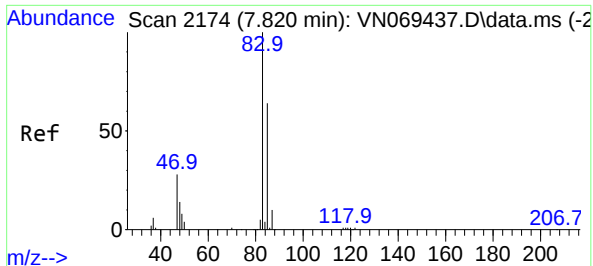
Tgt Ion: 73 Resp: 700308

Ion Ratio Lower Upper

73 100

43 24.9 18.1 27.1





#25

Chloroform

Concen: 21.476 ug/l

RT: 7.818 min Scan# 2174

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 420108

Ion Ratio Lower Upper

83 100

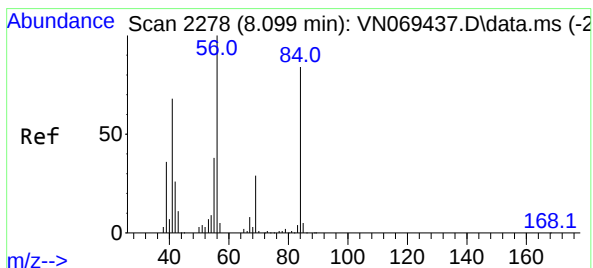
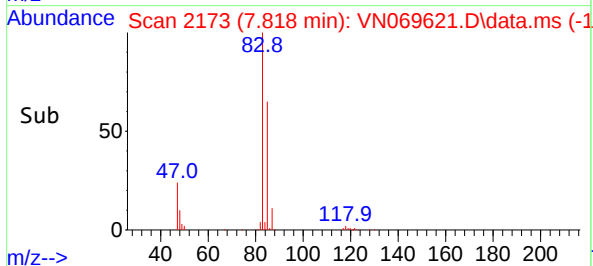
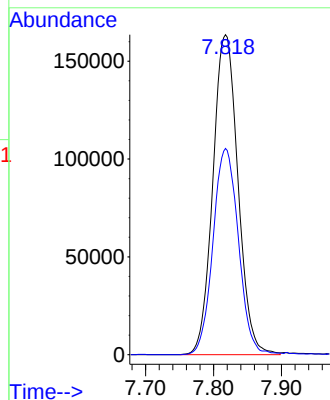
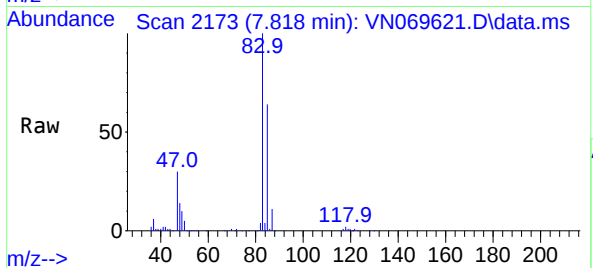
85 64.4 51.3 76.9

Manual Integrations

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Reviewed By :John Carlone 11/24/2021

Supervised By :Mahesh Dadoda 11/26/2021



#26

Cyclohexane

Concen: 21.204 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. -0.005 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

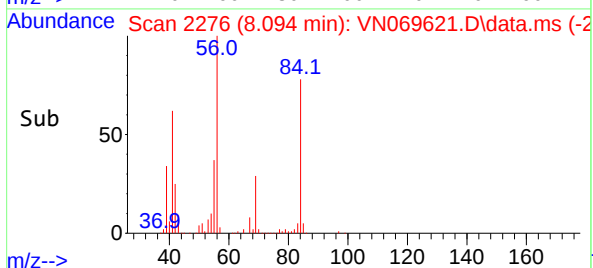
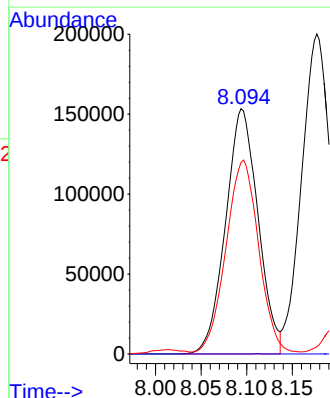
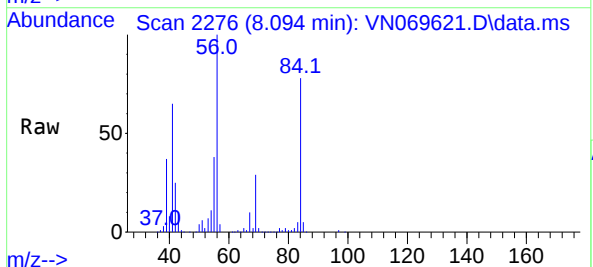
Tgt Ion: 56 Resp: 380878

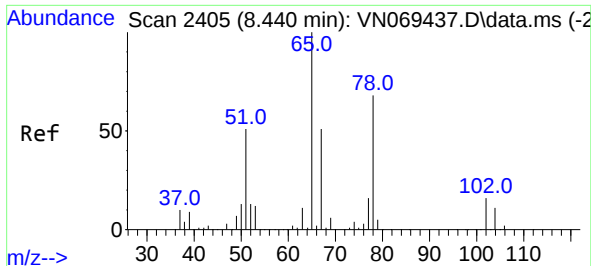
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 80.3 74.6 111.8





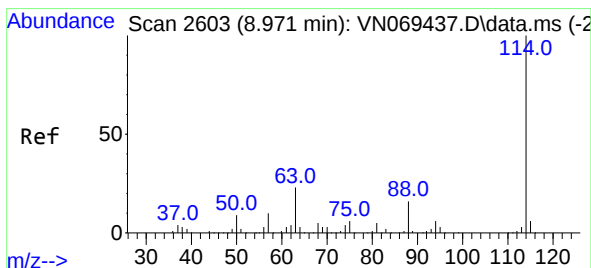
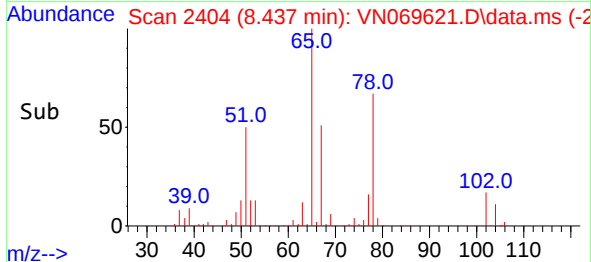
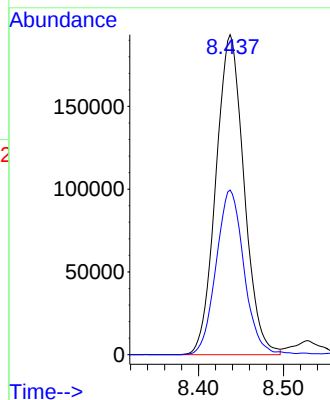
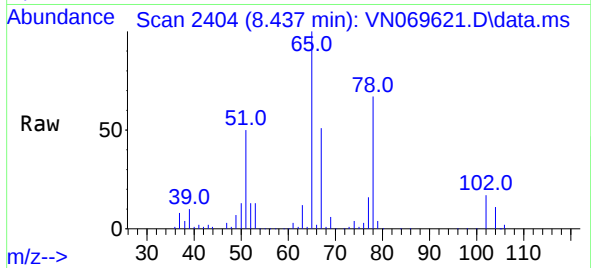
#27
1,2-Dichloroethane-d4
Concen: 31.334 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 445297
Ion Ratio Lower Upper
65 100
67 50.7 40.2 60.2

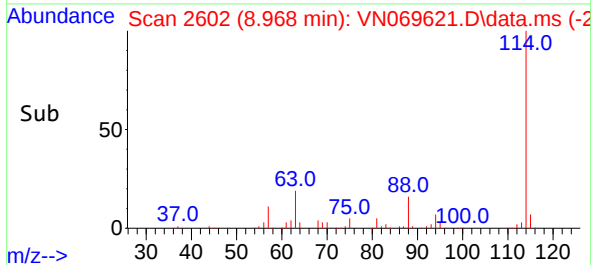
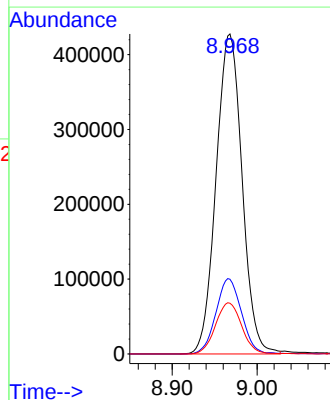
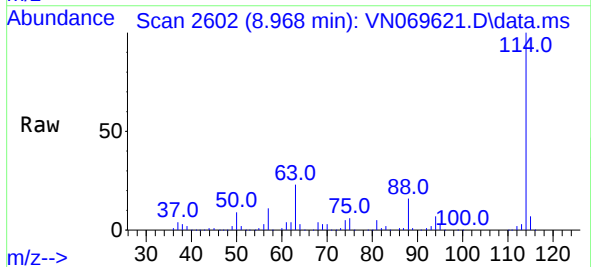
Manual Integrations
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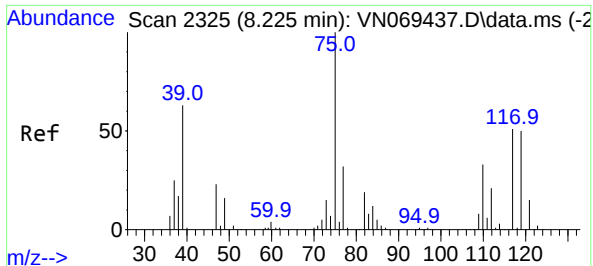
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion:114 Resp: 909904
Ion Ratio Lower Upper
114 100
63 23.0 15.8 23.6
88 16.1 11.6 17.4





#29

1,1-Dichloropropene

Concen: 21.420 ug/l

RT: 8.222 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 297510

Ion Ratio Lower Upper

75 100

110 33.8 0.0 74.2

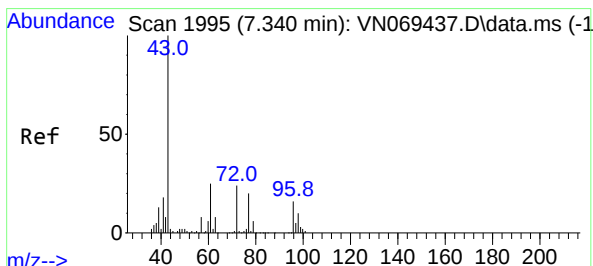
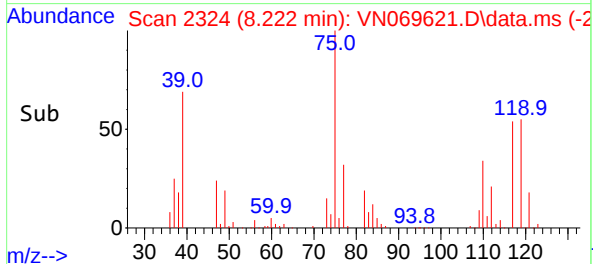
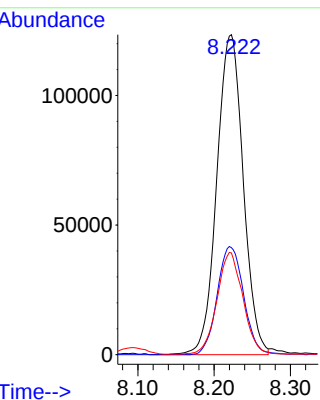
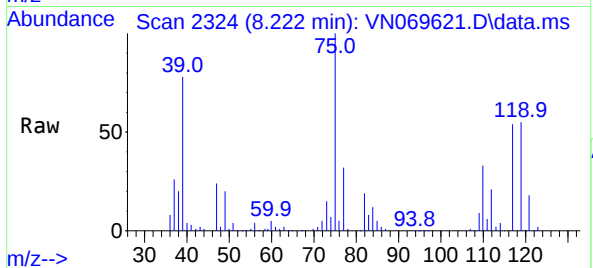
77 31.5 0.0 63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2021

Supervised By :Mahesh Dadoda 11/26/2021



#30

2-Butanone

Concen: 101.204 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.002 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

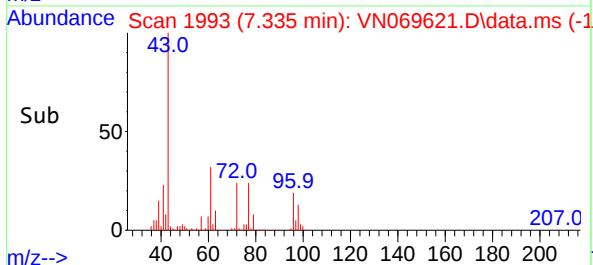
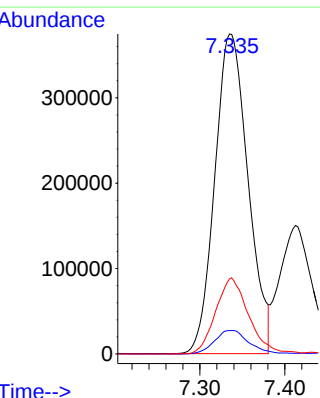
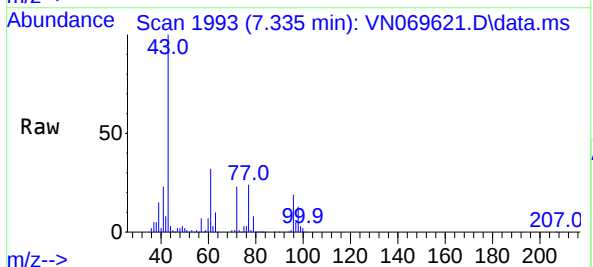
Tgt Ion: 43 Resp: 1017472

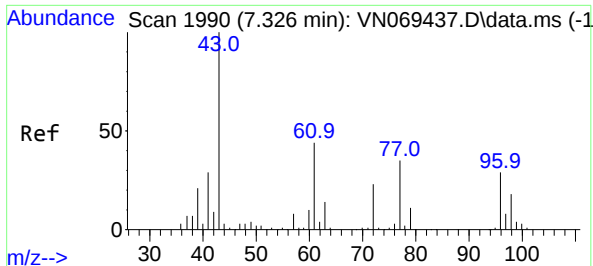
Ion Ratio Lower Upper

43 100

57 7.7 6.7 10.1

72 23.7 23.2 34.8





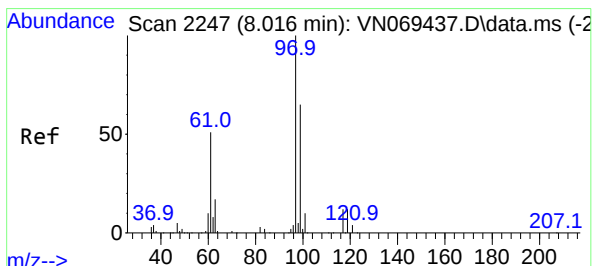
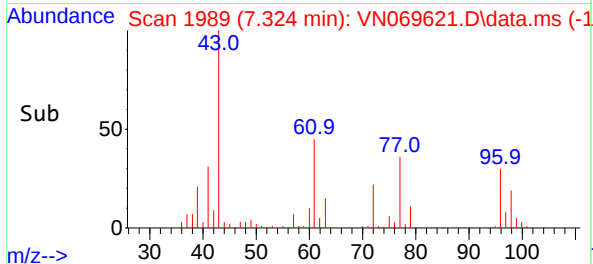
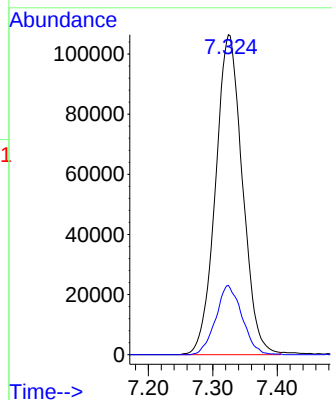
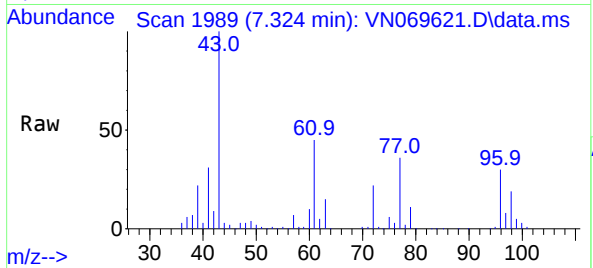
#31
2,2-Dichloropropane
Concen: 21.006 ug/l
RT: 7.324 min Scan# 1990
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 308448
Ion Ratio Lower Upper
77 100
97 21.1 18.3 27.5

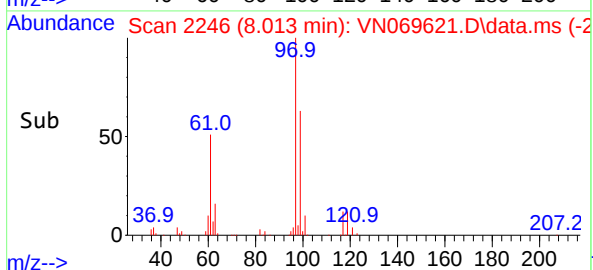
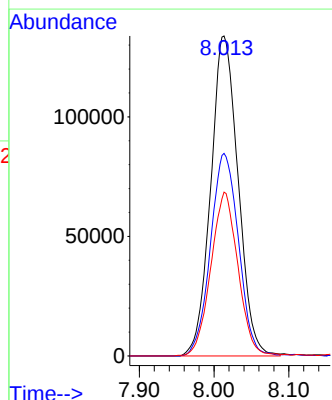
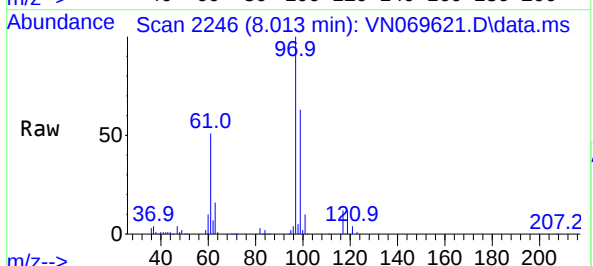
Manual Integrations
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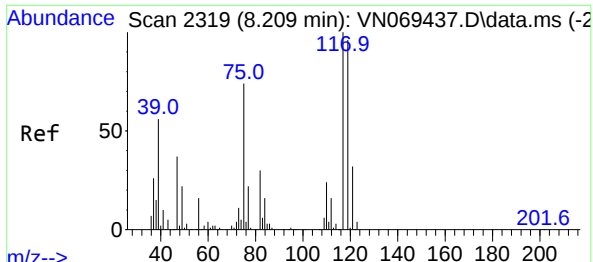
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#32
1,1,1-Trichloroethane
Concen: 21.017 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

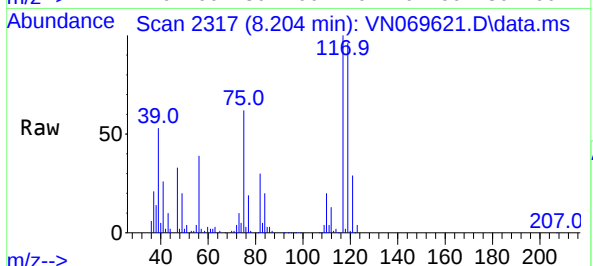
Tgt Ion: 97 Resp: 340793
Ion Ratio Lower Upper
97 100
99 64.7 50.4 75.6
61 50.5 34.6 51.8





#33
Carbon Tetrachloride
Concen: 21.347 ug/l
RT: 8.204 min Scan# 2117
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

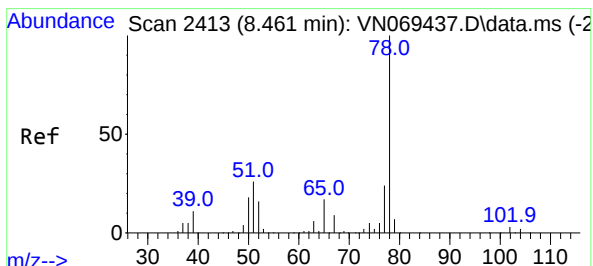
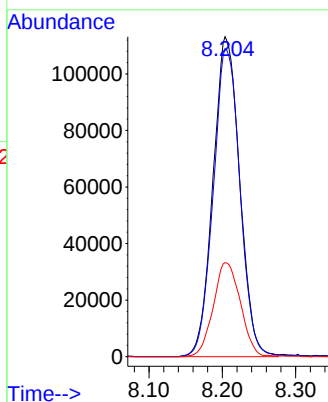
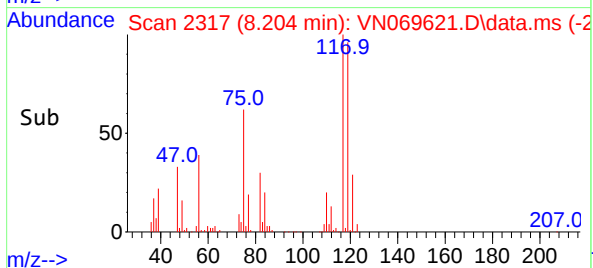
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



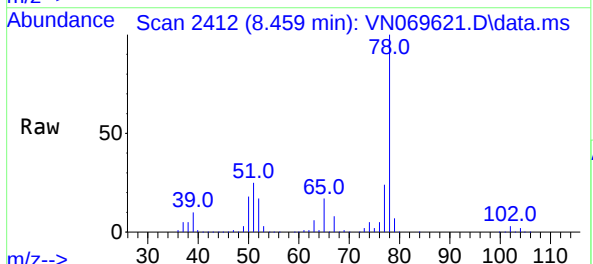
Tgt Ion:117 Resp: 28588
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3
121 29.4 23.5 35.3

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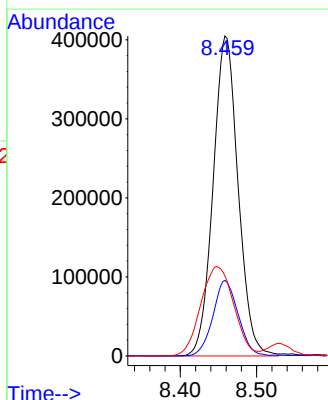
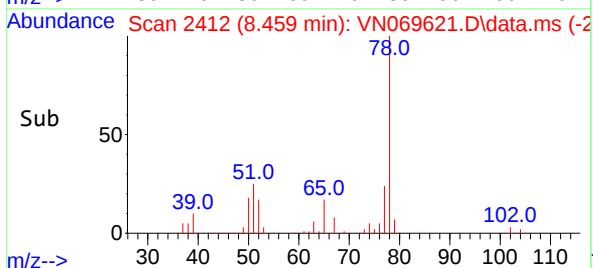
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

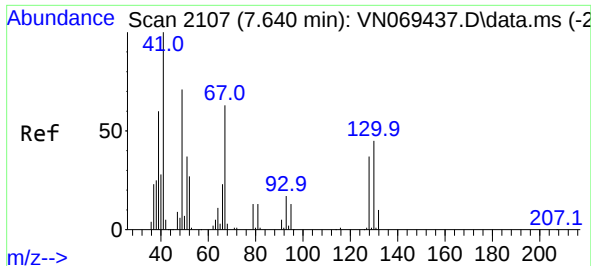


#34
Benzene
Concen: 21.831 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40



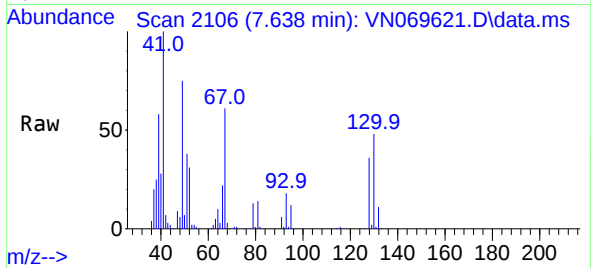
Tgt Ion: 78 Resp: 922107
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7
51 24.4 16.0 24.0#





#35
Methacrylonitrile
Concen: 21.512 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

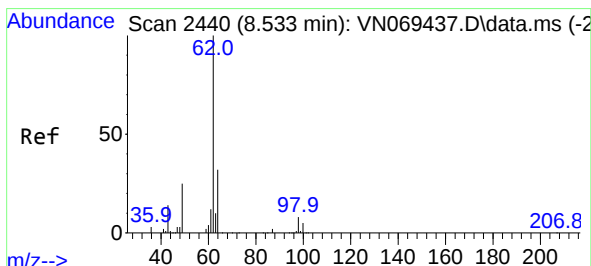
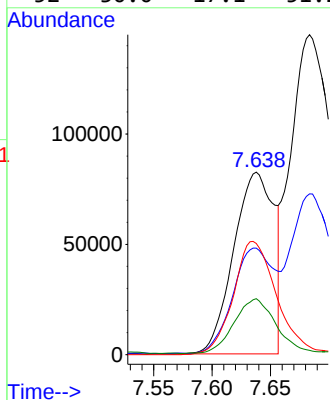
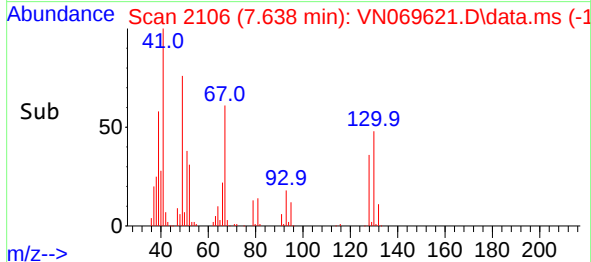
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 19836
Ion Ratio Lower Upper
41 100
39 57.8 28.0 83.9
67 61.1 37.7 113.1
52 30.0 17.1 51.2

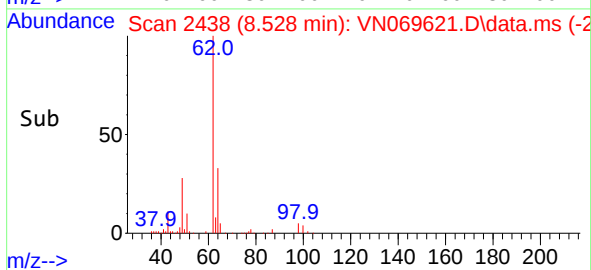
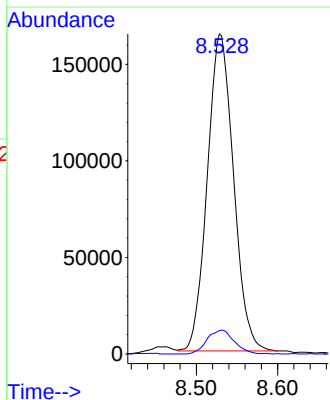
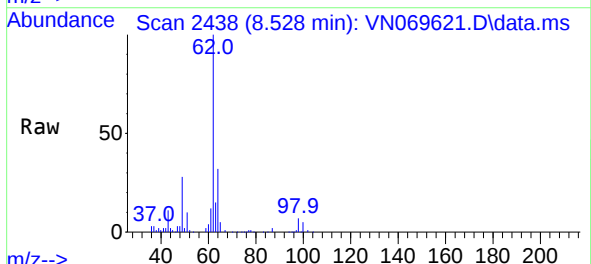
Manual Integrations
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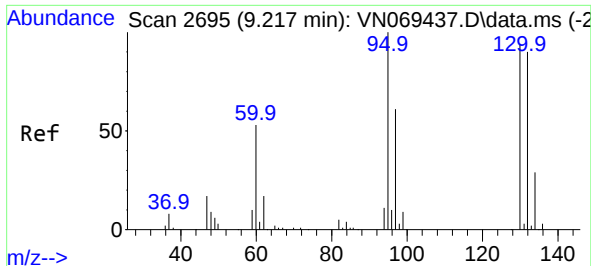
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#36
1,2-Dichloroethane
Concen: 22.648 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 62 Resp: 368812
Ion Ratio Lower Upper
62 100
98 7.8 6.6 10.0





#37
Trichloroethene
Concen: 21.605 ug/l
RT: 9.215 min Scan# 20
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

ClientSampleId :

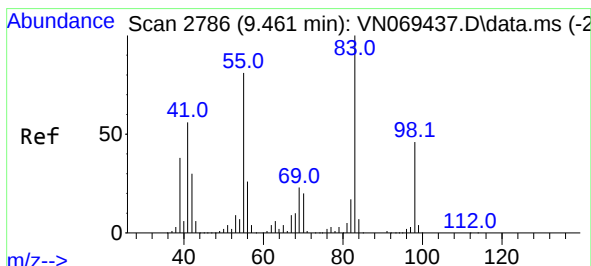
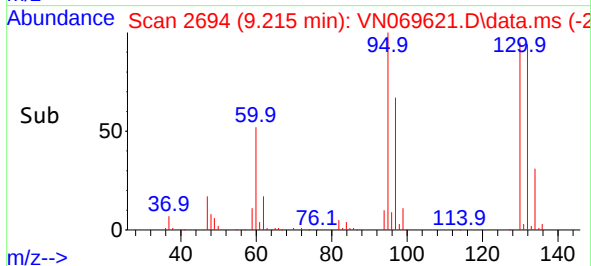
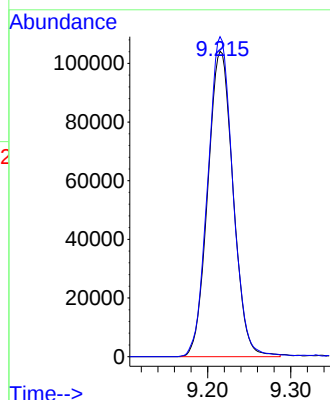
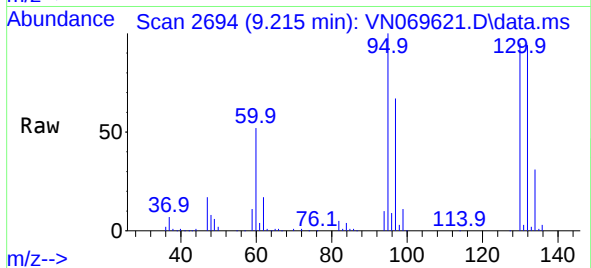
VSTDCCC020

Tgt Ion:130 Resp: 22046
Ion Ratio Lower Upper
130 100
95 104.7 76.6 115.0

Manual Integrations

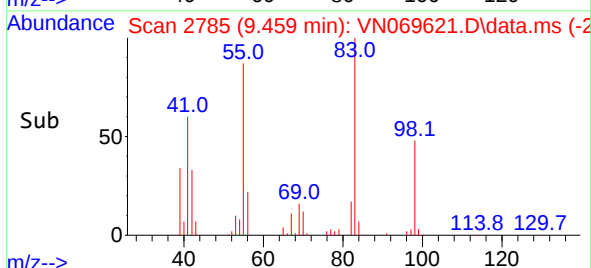
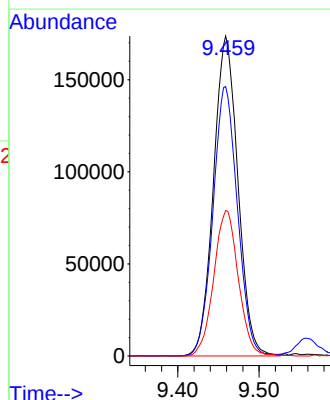
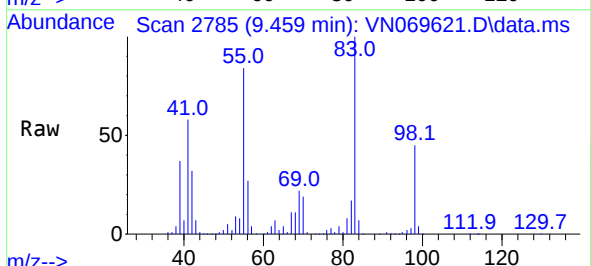
APPROVED

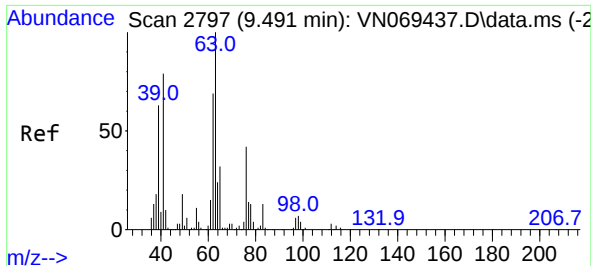
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#38
Methylcyclohexane
Concen: 21.123 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

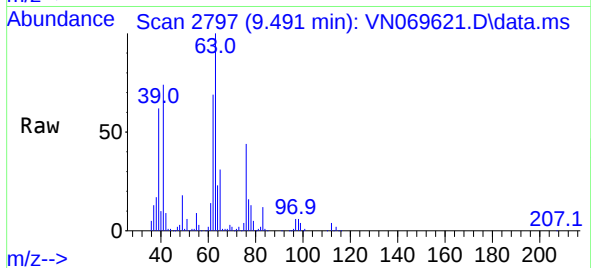
Tgt Ion: 83 Resp: 362986
Ion Ratio Lower Upper
83 100
55 84.7 35.1 105.3
98 45.5 23.4 70.2





#39
1,2-Dichloropropane
Concen: 22.352 ug/l
RT: 9.491 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

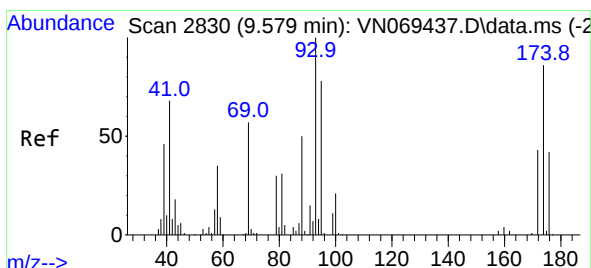
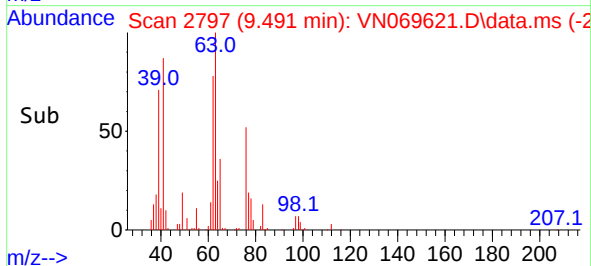
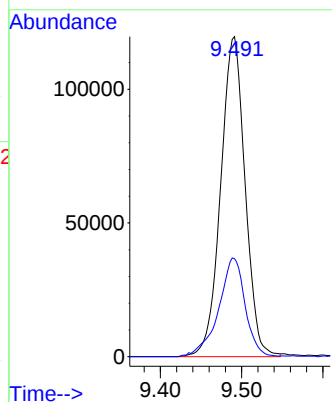
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 25005
Ion Ratio Lower Upper
63 100
65 30.5 24.2 36.4

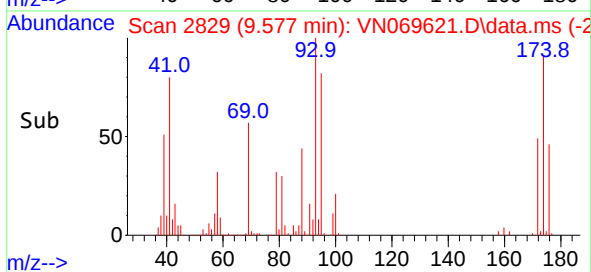
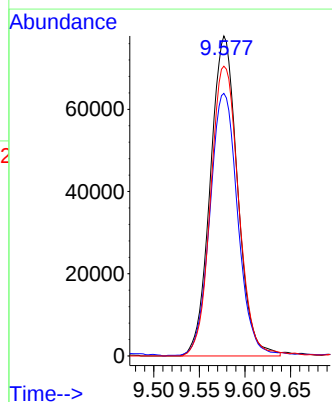
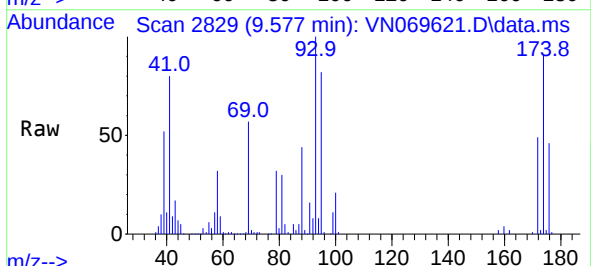
Manual Integrations
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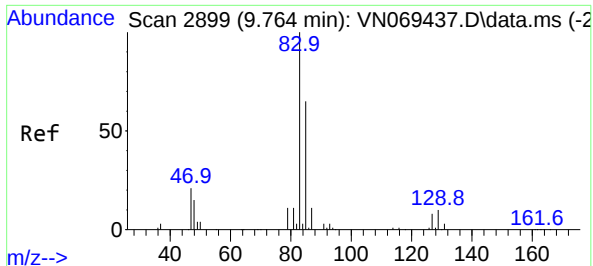
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#40
Dibromomethane
Concen: 21.579 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 93 Resp: 161674
Ion Ratio Lower Upper
93 100
95 83.1 0.0 168.8
174 92.9 0.0 173.6





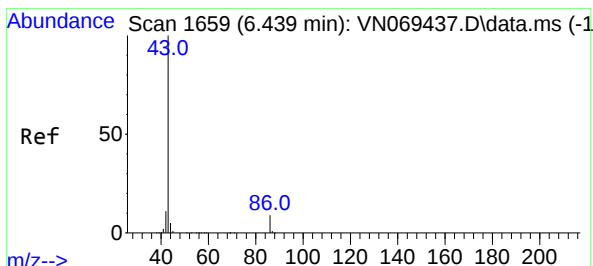
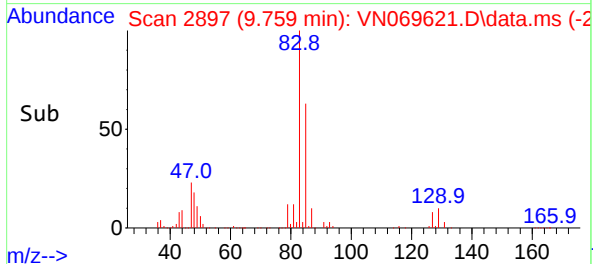
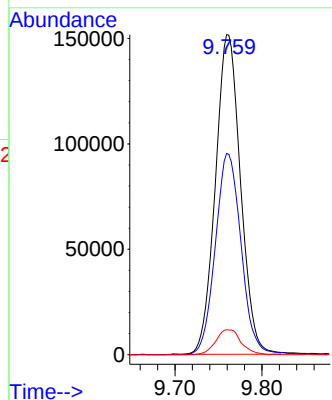
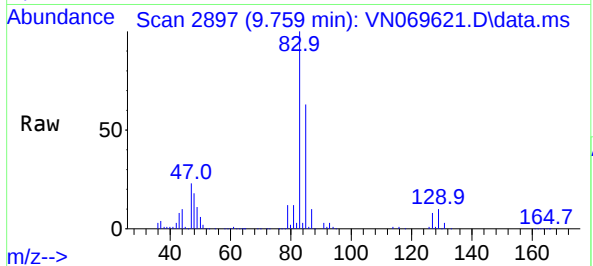
#41
Bromodichloromethane
Concen: 21.683 ug/l
RT: 9.759 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 304923
Ion Ratio Lower Upper
83 100
85 63.0 54.1 81.1
127 7.8 7.6 11.4

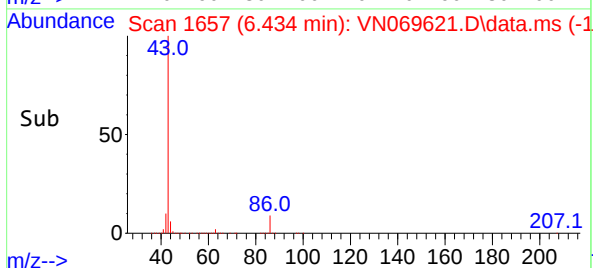
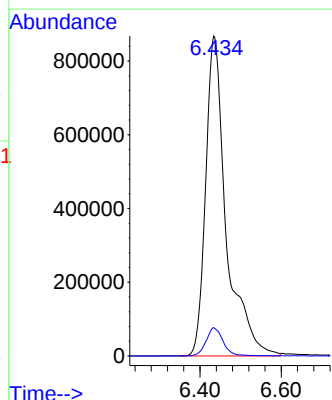
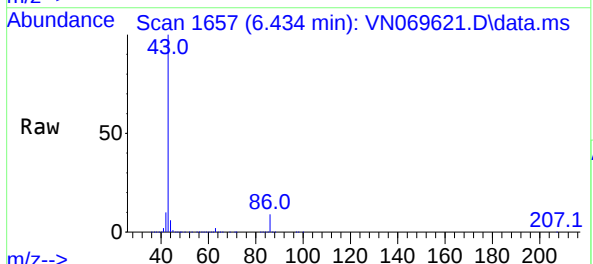
Manual Integrations
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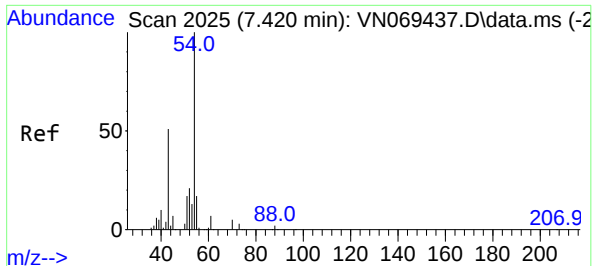
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#42
Vinyl Acetate
Concen: 107.533 ug/l
RT: 6.434 min Scan# 1657
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 43 Resp: 3055223
Ion Ratio Lower Upper
43 100
86 7.3 7.5 11.3





#43

Ethyl Acetate

Concen: 20.574 ug/l

RT: 7.413 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN069621.D

Acq: 23 Nov 2021 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 38332

Ion Ratio Lower Upper

43 100

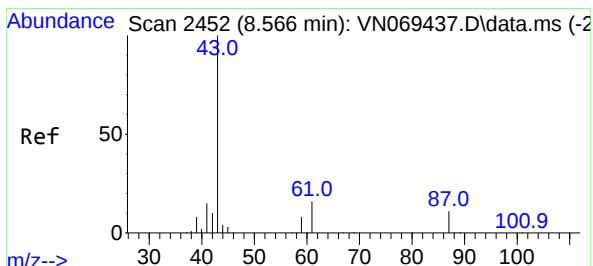
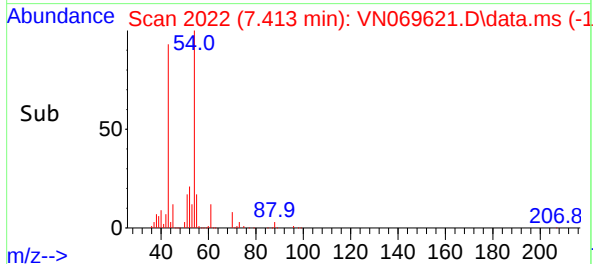
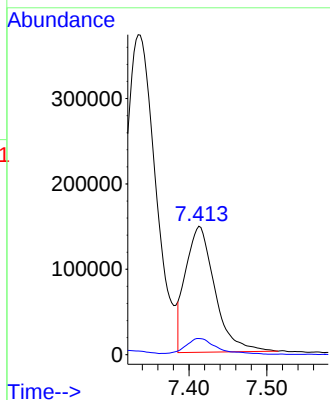
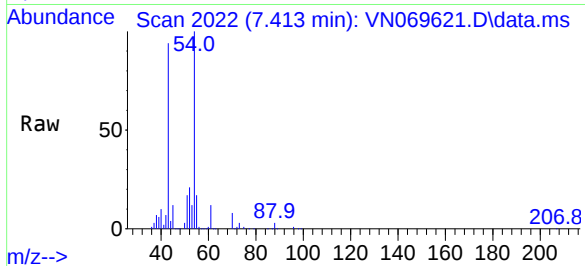
45 13.6 10.6 16.0

Manual Integrations

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Reviewed By :John Carlone 11/24/2021

Supervised By :Mahesh Dadoda 11/26/2021



#44

Isopropyl Acetate

Concen: 20.592 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN069621.D

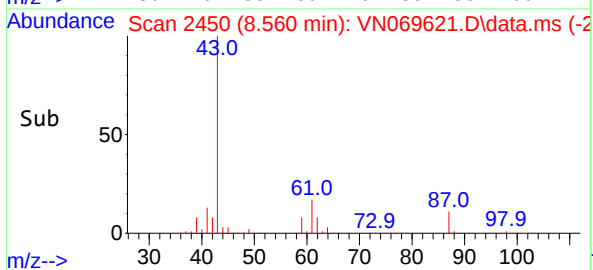
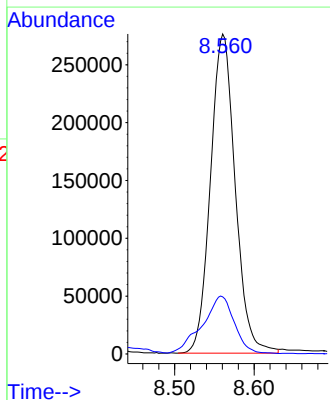
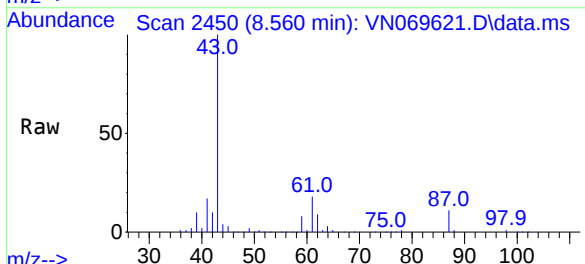
Acq: 23 Nov 2021 11:40

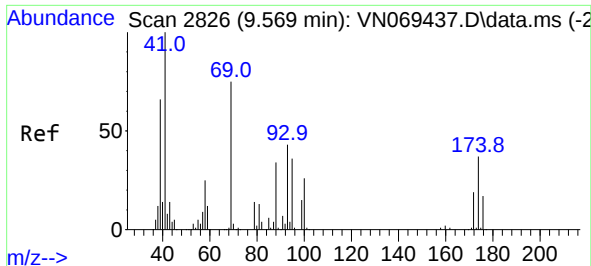
Tgt Ion: 43 Resp: 598137

Ion Ratio Lower Upper

43 100

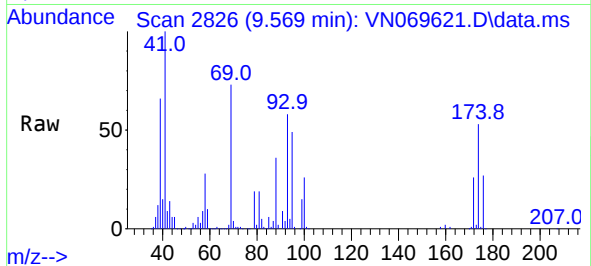
61 23.2 20.1 30.1





#45
1,4-Dioxane
Concen: 384.524 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

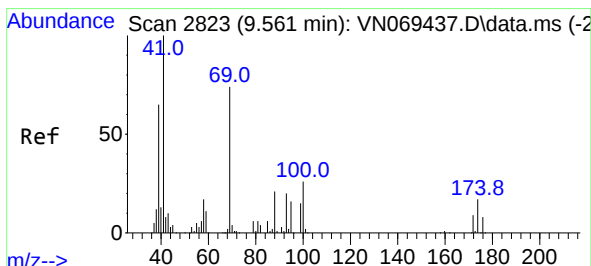
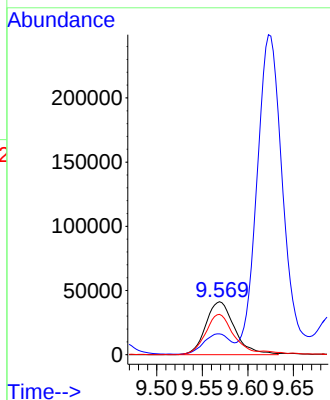
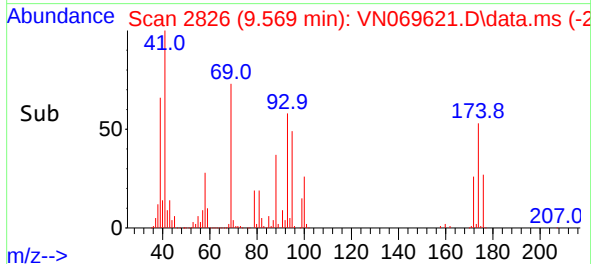
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



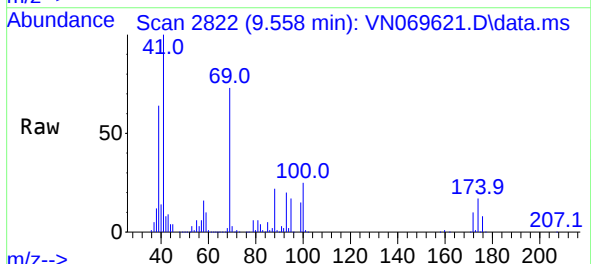
Tgt Ion: 88 Resp: 90668
Ion Ratio Lower Upper
88 100
43 34.8 25.0 37.6
58 73.4 49.4 74.2

Manual Integrations
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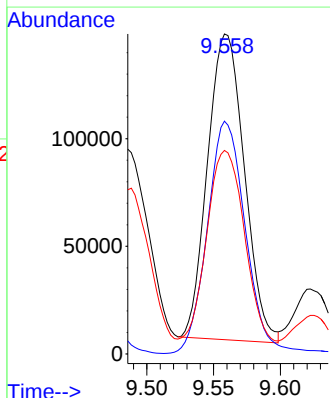
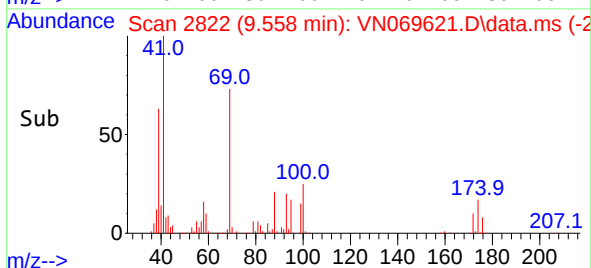
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

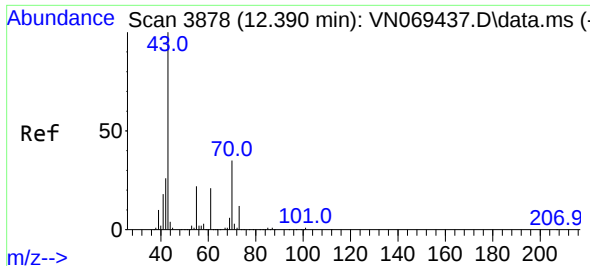


#46
Methyl methacrylate
Concen: 20.371 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40



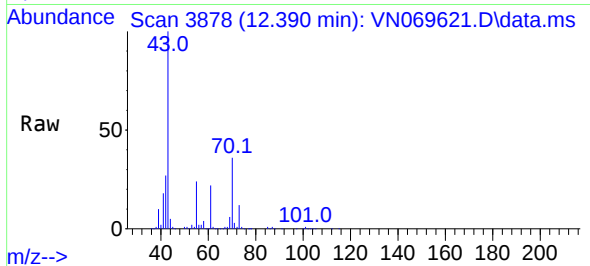
Tgt Ion: 41 Resp: 272526
Ion Ratio Lower Upper
41 100
69 75.7 44.4 133.2
39 62.9 39.9 119.6





#47
n-amyl acetate
Concen: 16.337 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

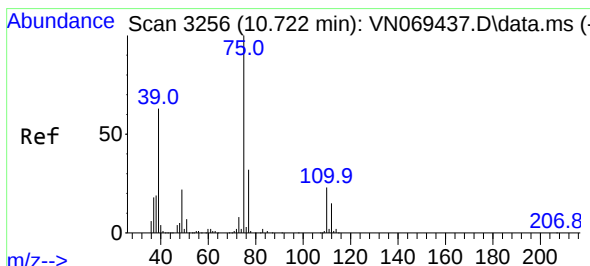
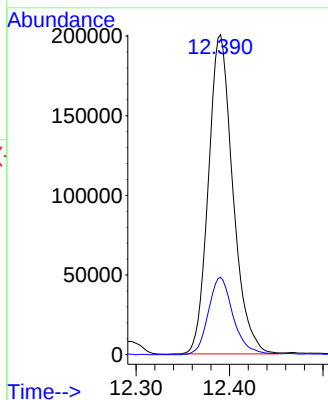
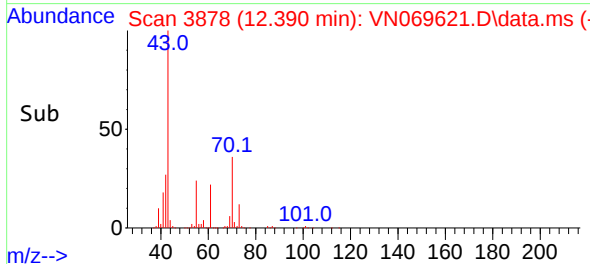
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



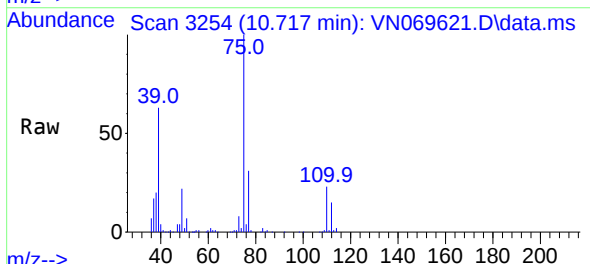
Tgt Ion: 43 Resp: 364399
Ion Ratio Lower Upper
43 100
55 24.6 19.0 28.6

Manual Integrations
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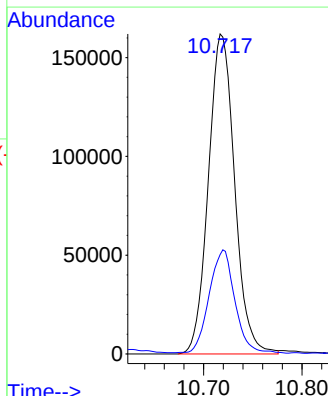
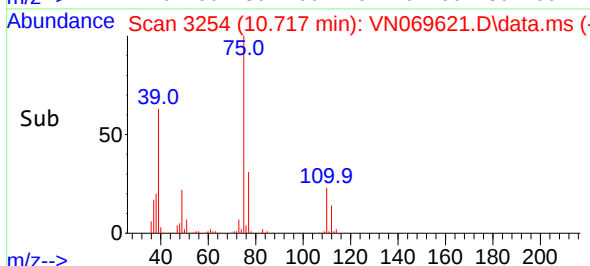
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

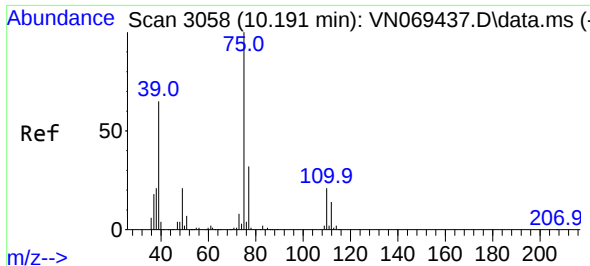


#48
t-1,3-dichloropropene
Concen: 19.922 ug/l
RT: 10.717 min Scan# 3254
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40



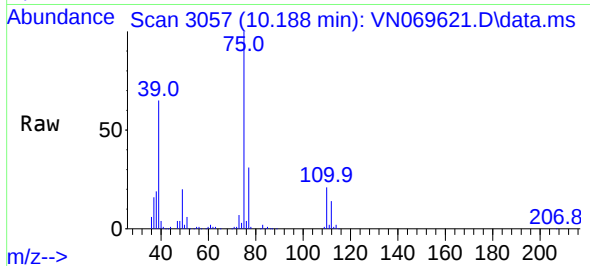
Tgt Ion: 75 Resp: 300660
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 21.113 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

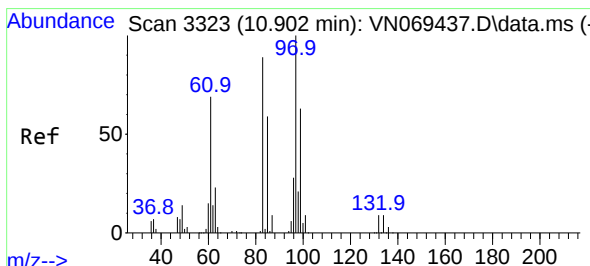
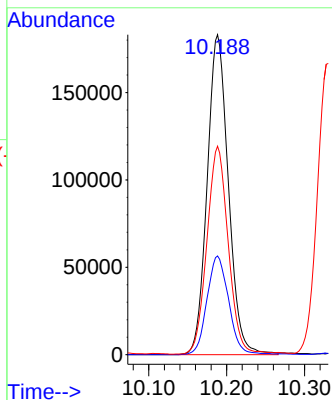
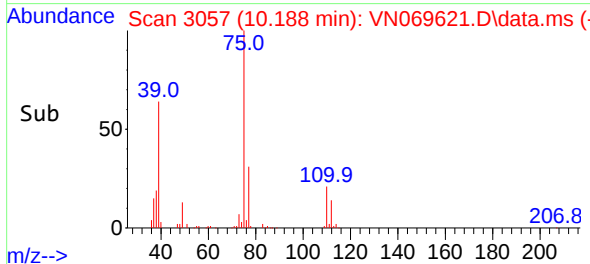
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 346724
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9
39 64.9 46.2 69.4

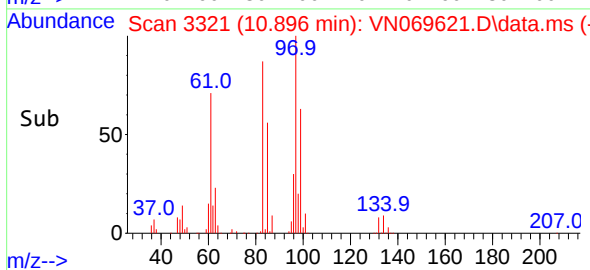
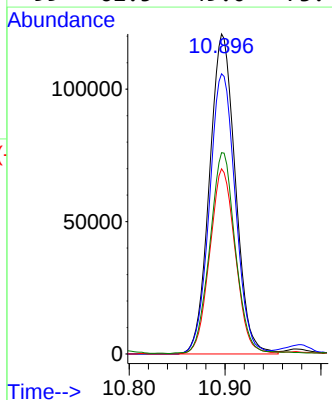
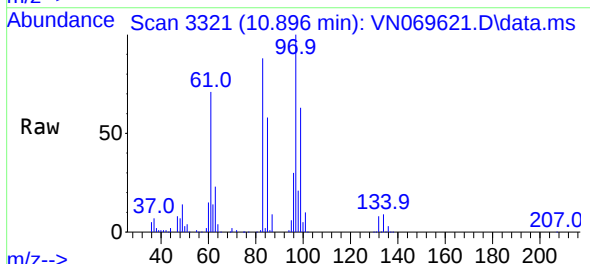
Manual Integrations
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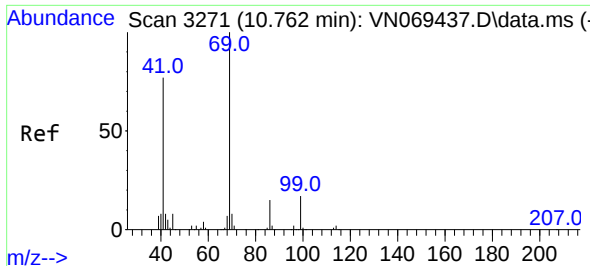
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#50
1,1,2-Trichloroethane
Concen: 21.309 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 97 Resp: 226711
Ion Ratio Lower Upper
97 100
83 87.5 67.2 100.8
85 57.8 43.0 64.4
99 62.5 49.0 73.4





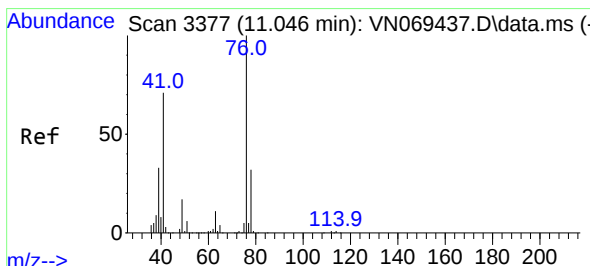
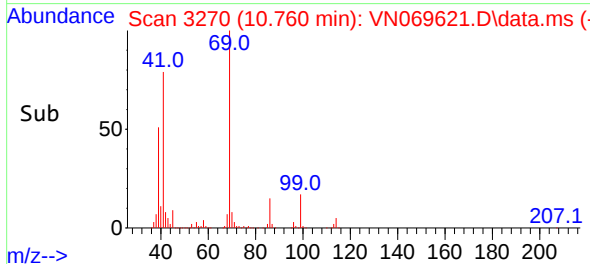
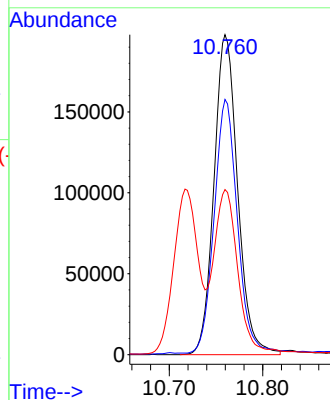
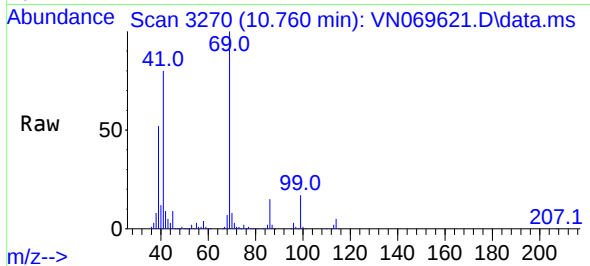
#51
Ethyl methacrylate
Concen: 19.531 ug/l
RT: 10.760 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 69 Resp: 348379
Ion Ratio Lower Upper
69 100
41 79.3 33.0 98.9
39 50.4 25.4 76.4

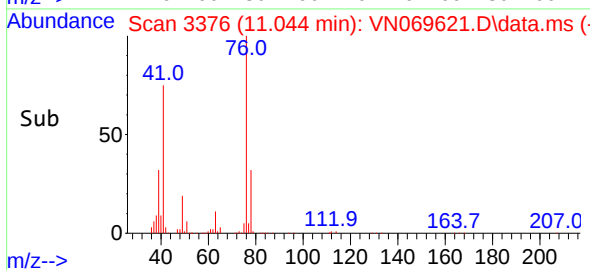
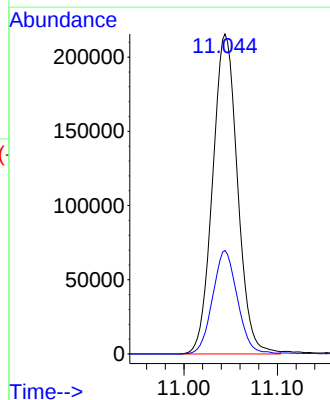
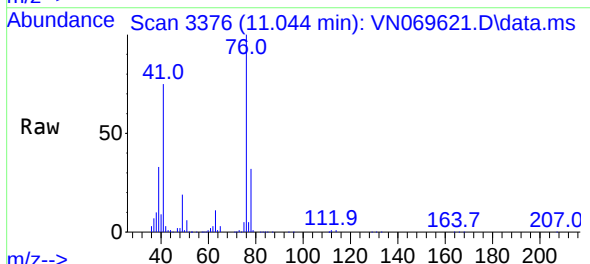
Manual Integrations
APPROVED

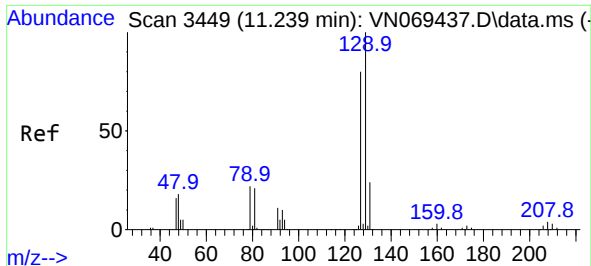
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#52
1,3-Dichloropropane
Concen: 21.739 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 76 Resp: 399505
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.4





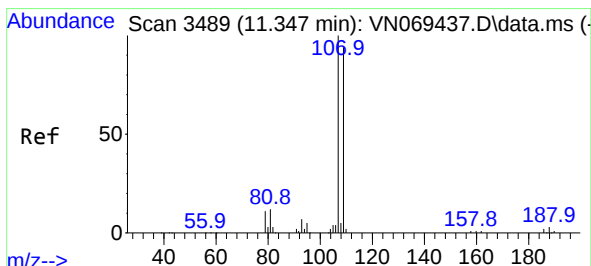
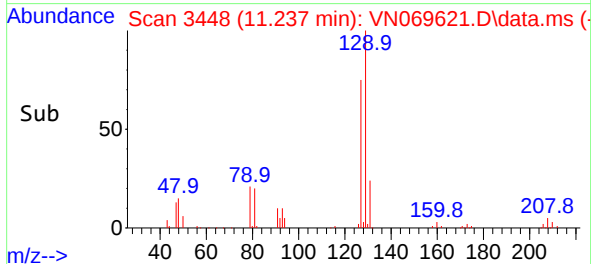
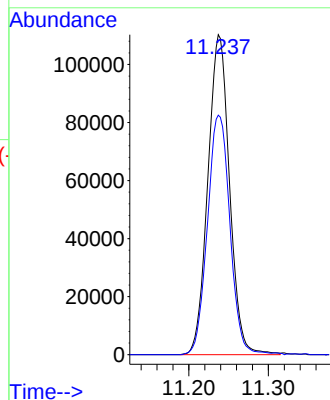
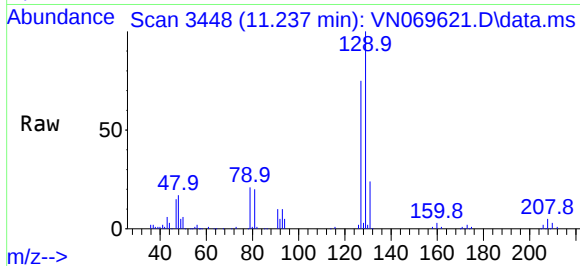
#53
Dibromochloromethane
Concen: 20.562 ug/l
RT: 11.237 min Scan# 3449
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 209052
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0

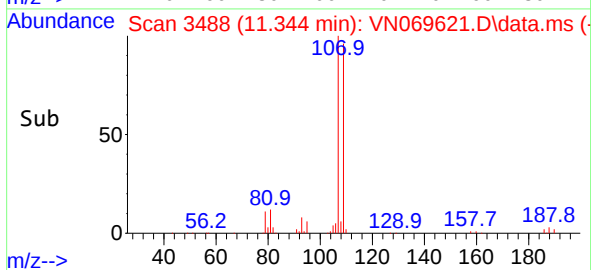
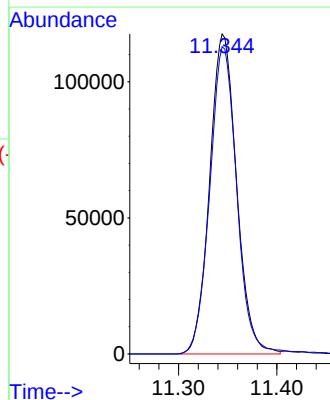
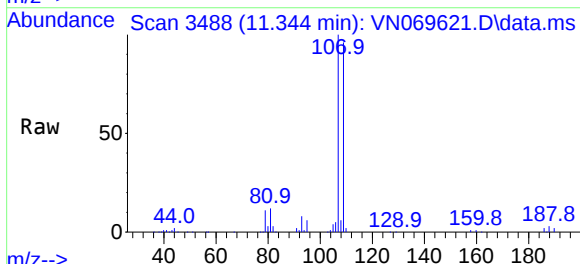
Manual Integrations
APPROVED

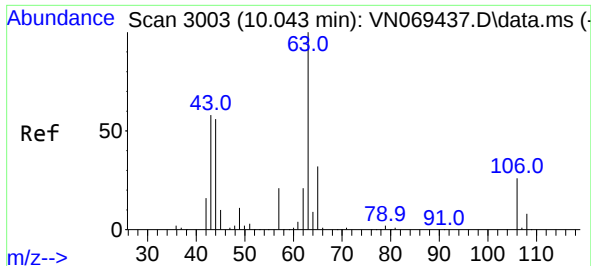
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#54
1,2-Dibromoethane
Concen: 20.286 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion:107 Resp: 223515
Ion Ratio Lower Upper
107 100
109 96.4 72.8 109.2





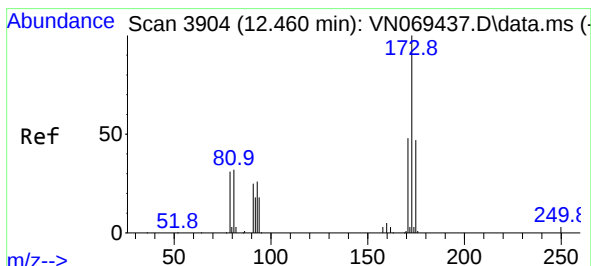
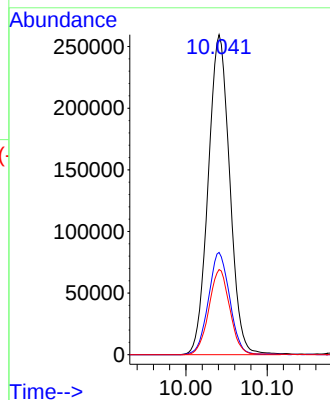
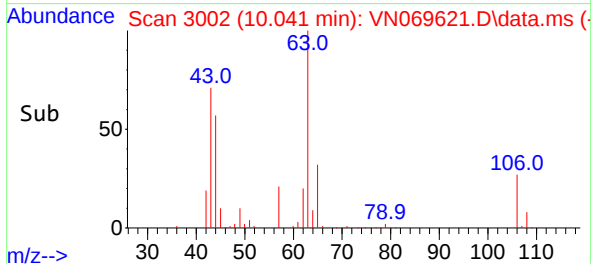
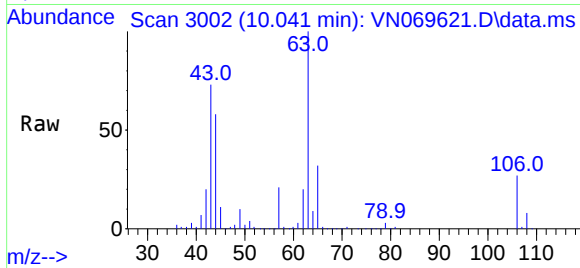
#55
2-Chloroethyl vinyl ether
Concen: 117.609 ug/l
RT: 10.041 min Scan# 3003
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 477188
Ion Ratio Lower Upper
63 100
65 31.6 25.4 38.0
106 25.9 23.2 34.8

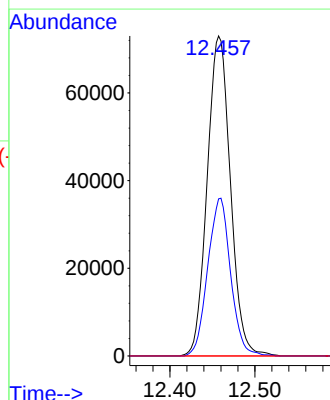
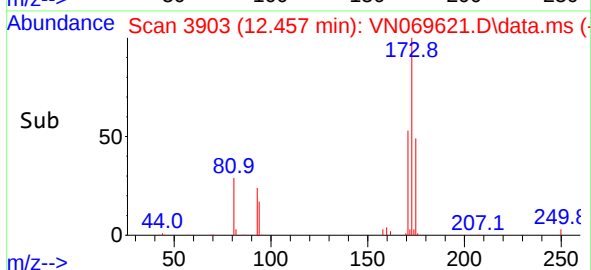
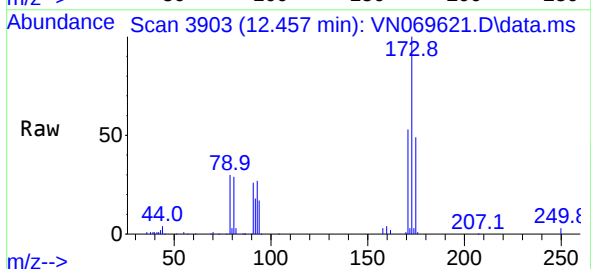
Manual Integrations
APPROVED

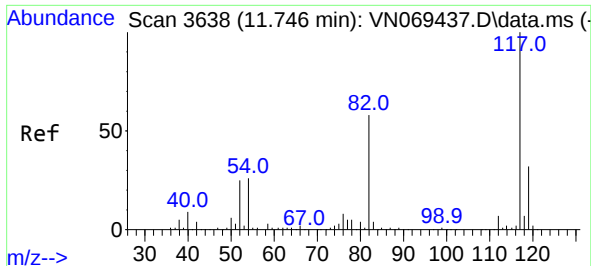
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#56
Bromoform
Concen: 19.029 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion:173 Resp: 138733
Ion Ratio Lower Upper
173 100
175 48.5 38.6 58.0
254 0.0 0.0 0.0





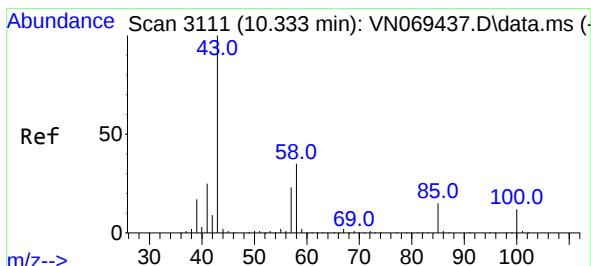
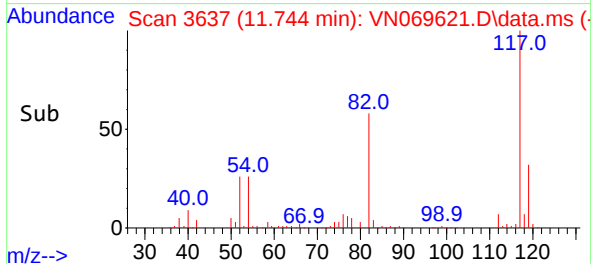
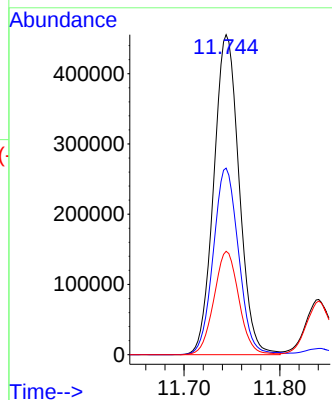
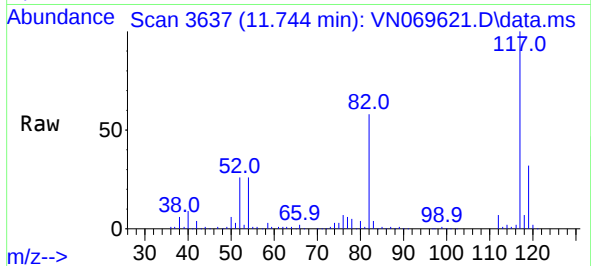
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:117 Resp: 83614
Ion Ratio Lower Upper
117 100
82 58.0 43.6 65.4
119 31.8 25.8 38.6

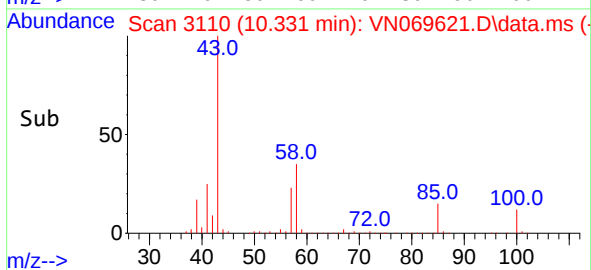
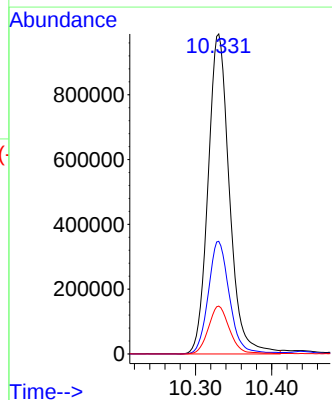
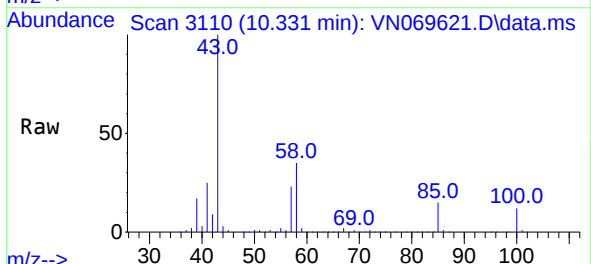
Manual Integrations
APPROVED

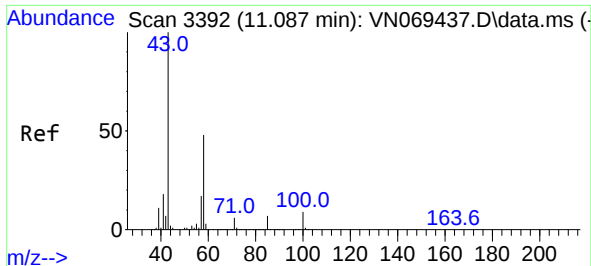
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#58
4-Methyl-2-Pentanone
Concen: 104.603 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

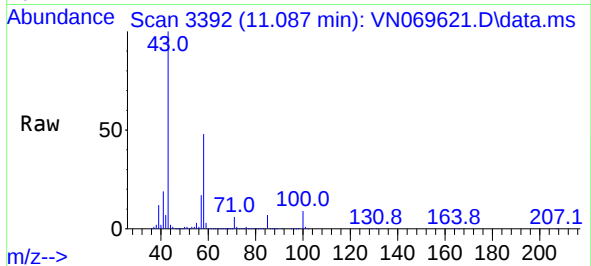
Tgt Ion: 43 Resp: 1919892
Ion Ratio Lower Upper
43 100
58 34.8 30.0 45.0
85 14.9 15.0 22.6#





#59
2-Hexanone
Concen: 97.018 ug/l
RT: 11.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

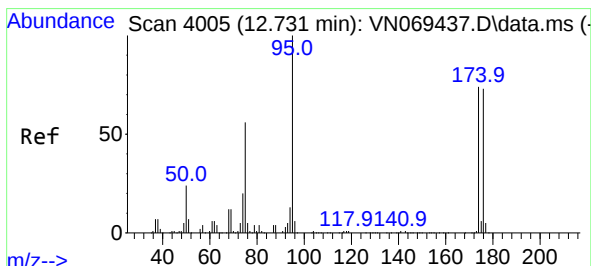
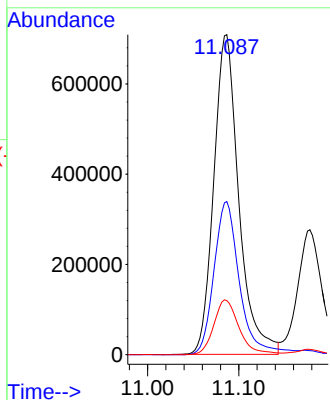
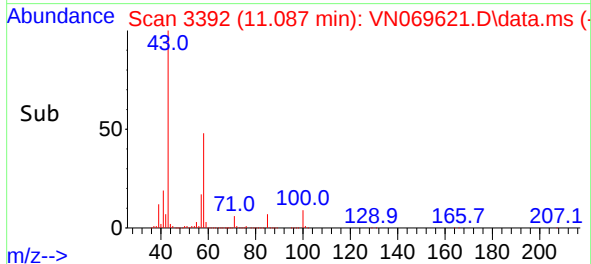
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



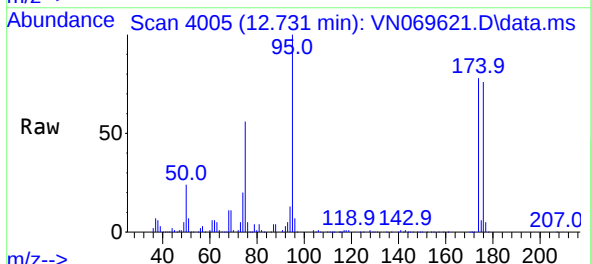
Tgt Ion: 43 Resp: 135449
Ion Ratio Lower Upper
43 100
58 48.9 42.2 63.2
57 17.3 15.0 22.4

Manual Integrations
APPROVED

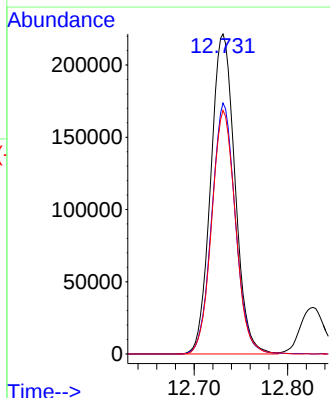
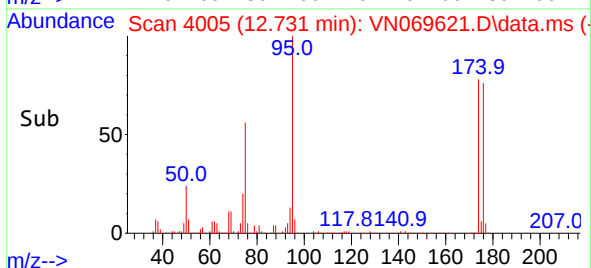
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

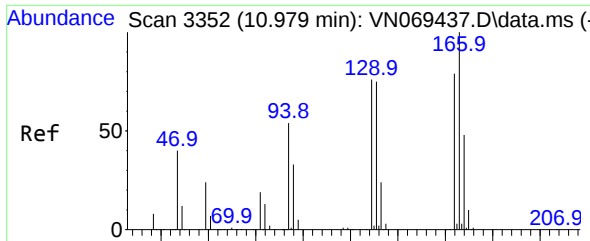


#60
4-Bromofluorobenzene
Concen: 29.823 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40



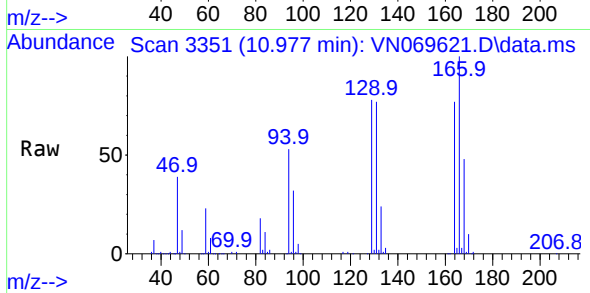
Tgt Ion: 95 Resp: 399053
Ion Ratio Lower Upper
95 100
174 76.5 62.9 94.3
176 74.7 61.0 91.4





#61
Tetrachloroethene
Concen: 22.842 ug/l
RT: 10.977 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

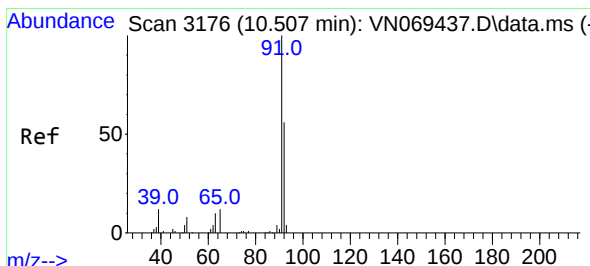
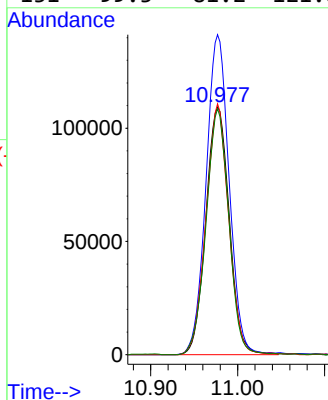
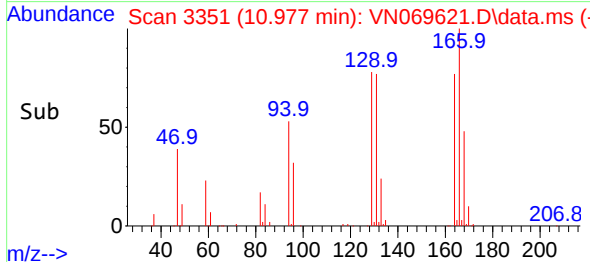
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



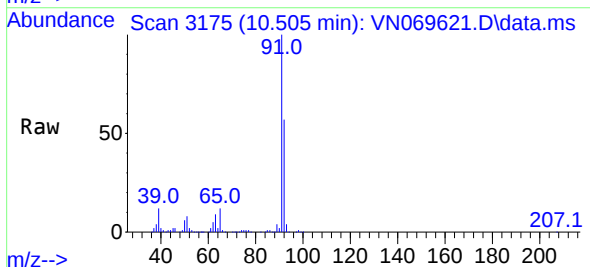
Tgt Ion:164 Resp: 204990
Ion Ratio Lower Upper
164 100
166 129.0 105.8 158.8
129 101.3 82.5 123.7
131 99.3 81.2 121.8

Manual Integrations
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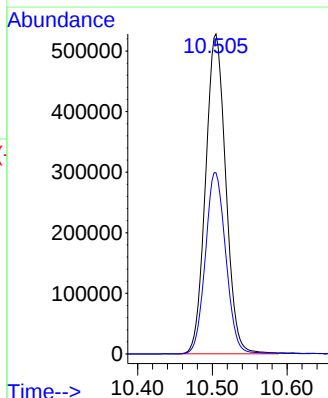
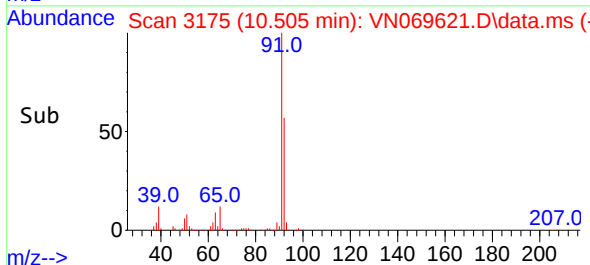
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

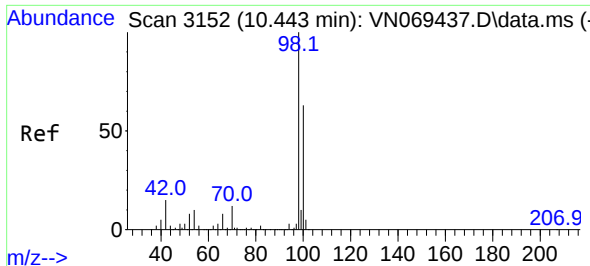


#62
Toluene
Concen: 21.606 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40



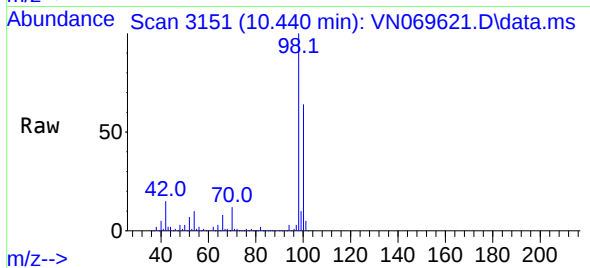
Tgt Ion: 91 Resp: 992722
Ion Ratio Lower Upper
91 100
92 57.3 44.6 67.0





#63
Toluene-d8
Concen: 30.670 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

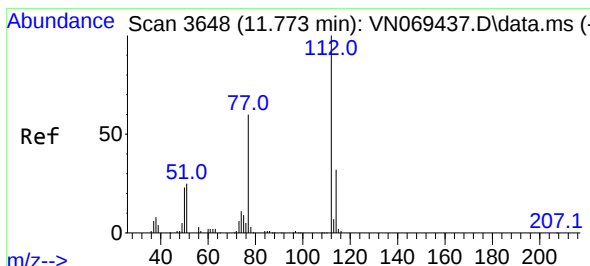
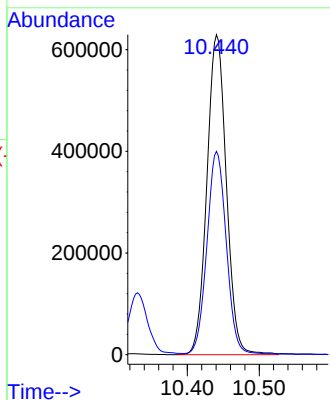
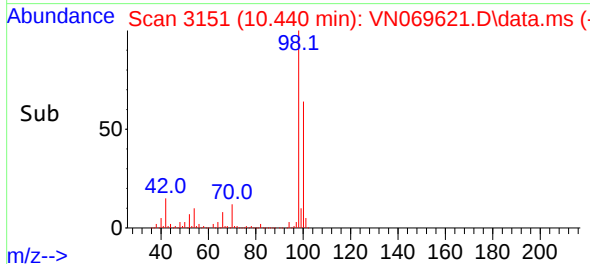
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



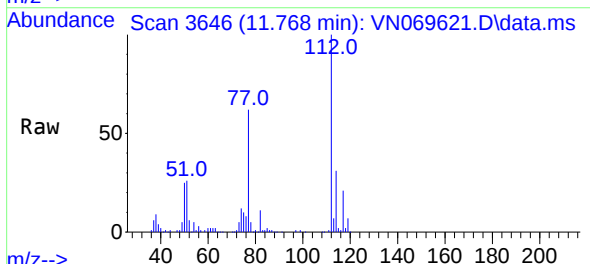
Tgt Ion: 98 Resp: 118409
Ion Ratio Lower Upper
98 100
100 62.8 50.6 76.0

Manual Integrations
APPROVED

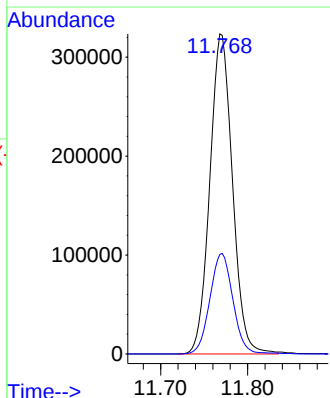
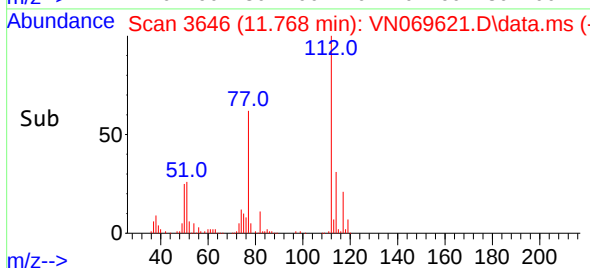
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

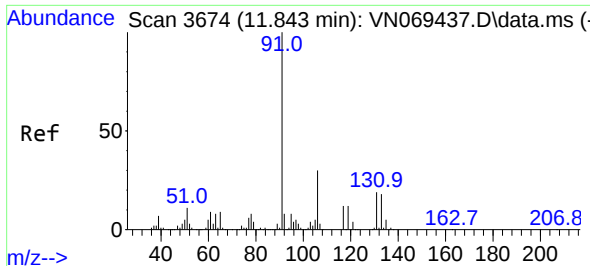


#64
Chlorobenzene
Concen: 21.204 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40



Tgt Ion:112 Resp: 584519
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6





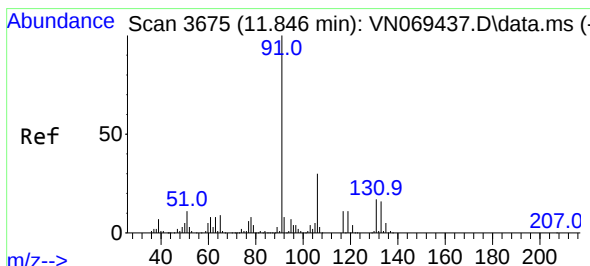
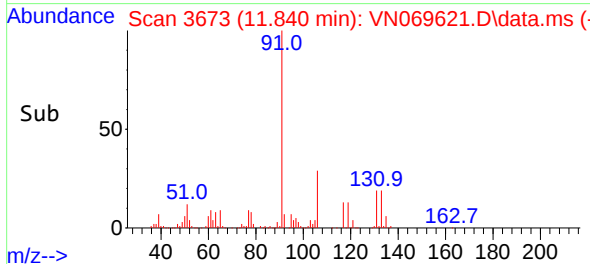
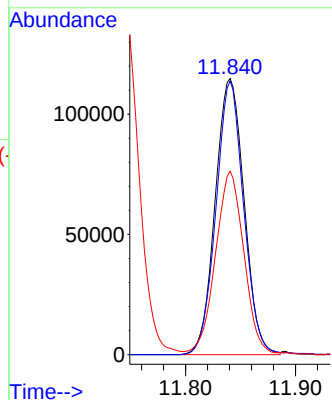
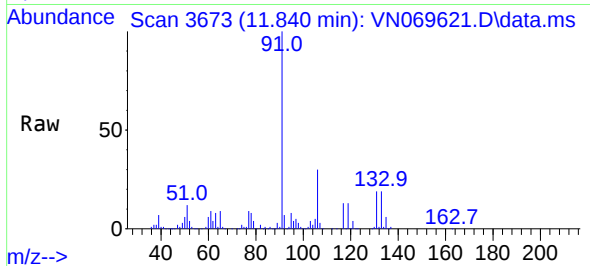
#65
1,1,1,2-Tetrachloroethane
Concen: 21.564 ug/l
RT: 11.840 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 20928
Ion Ratio Lower Upper
131 100
133 94.8 0.0 191.2
119 64.1 0.0 128.8

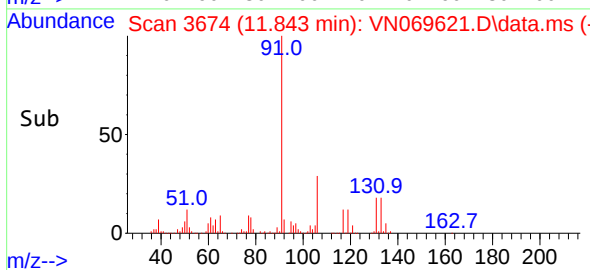
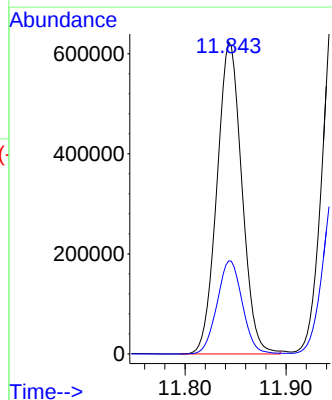
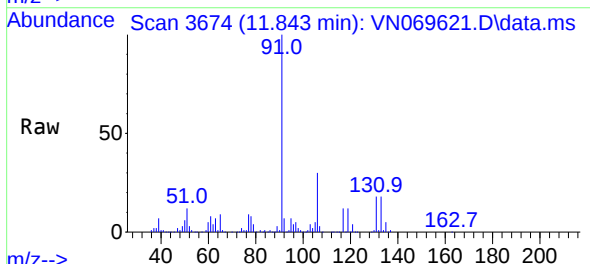
Manual Integrations
APPROVED

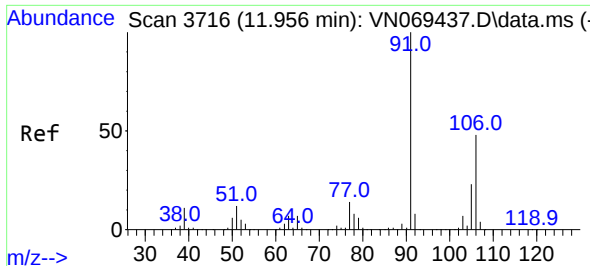
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#66
Ethyl Benzene
Concen: 20.989 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 91 Resp: 1067444
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0





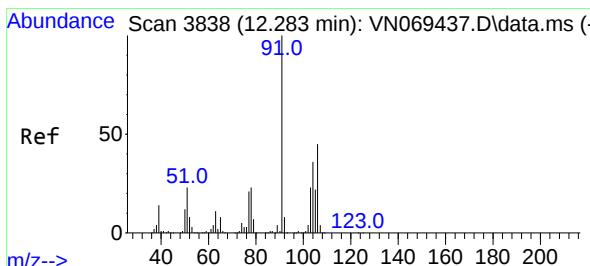
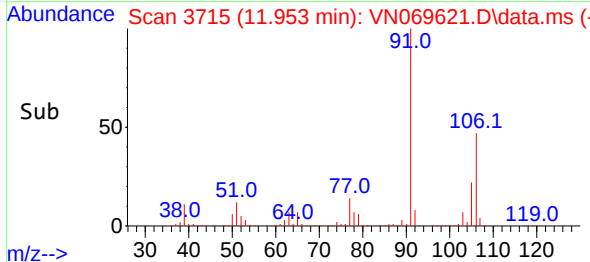
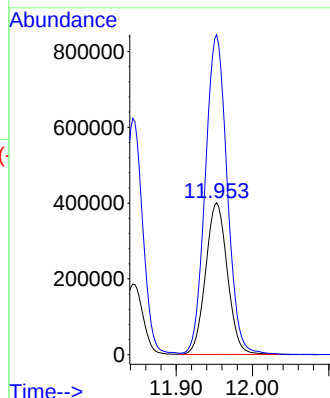
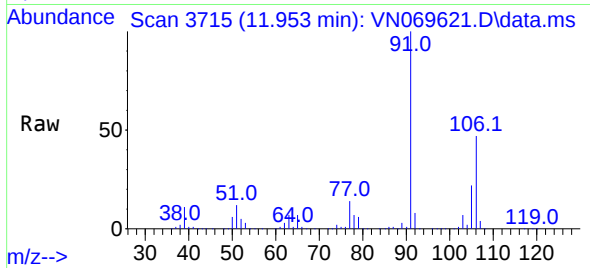
#67
m/p-Xylenes
Concen: 42.112 ug/l
RT: 11.953 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 79547
Ion Ratio Lower Upper
106 100
91 212.2 162.9 244.3

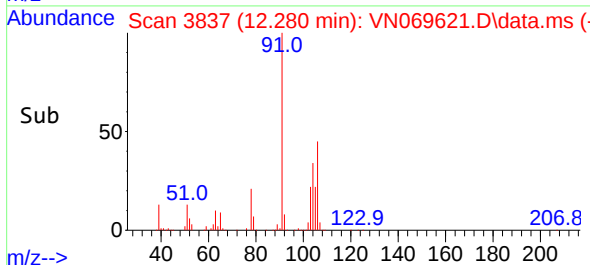
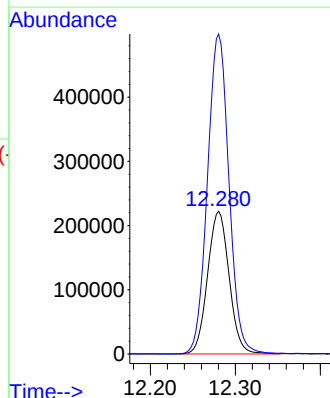
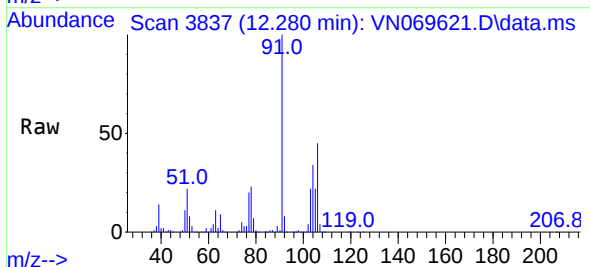
Manual Integrations
APPROVED

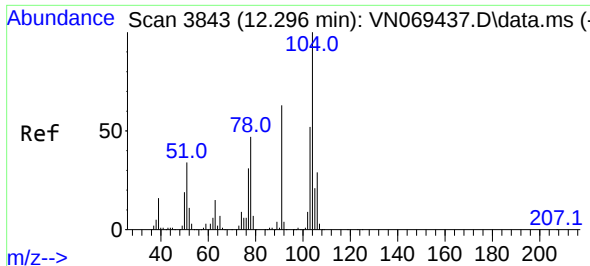
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#68
o-Xylene
Concen: 20.675 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion:106 Resp: 391036
Ion Ratio Lower Upper
106 100
91 224.1 107.7 323.1





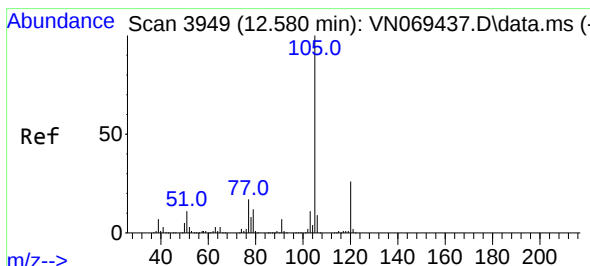
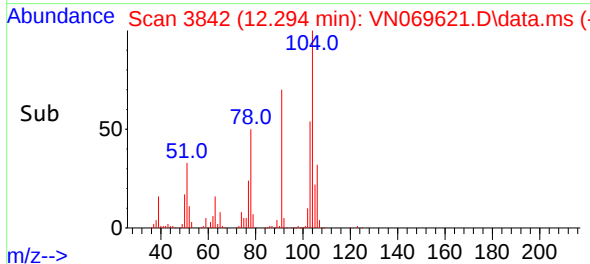
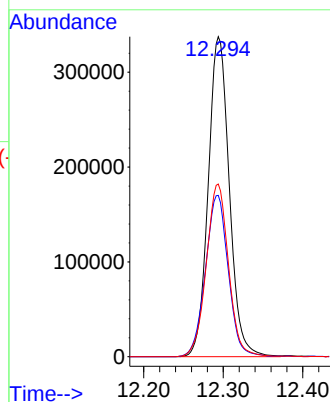
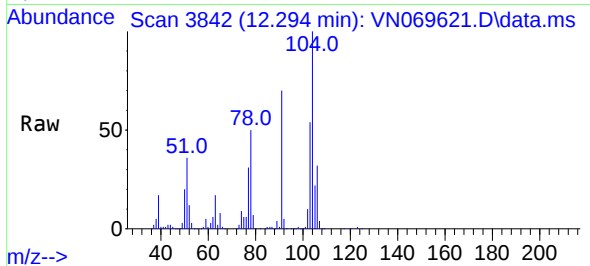
#69
Styrene
Concen: 20.281 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 62188
Ion Ratio Lower Upper
104 100
78 54.6 40.7 61.1
103 56.8 45.8 68.8

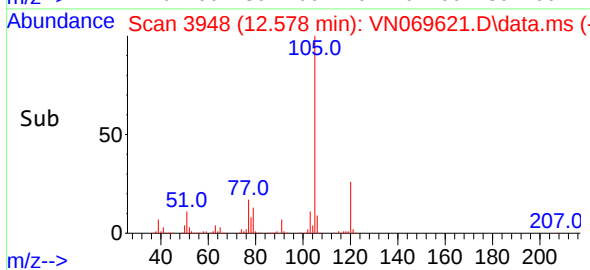
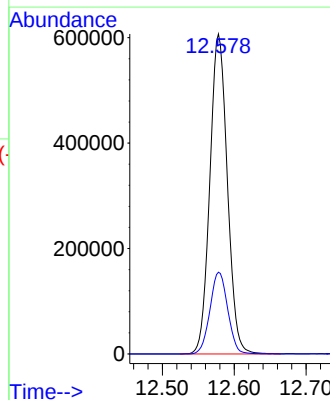
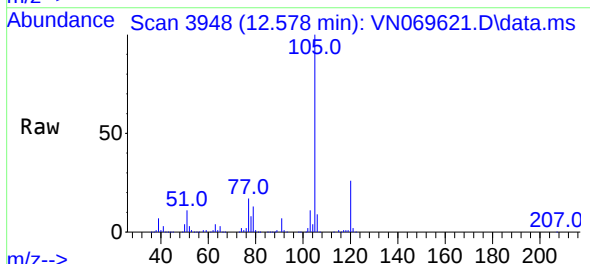
Manual Integrations
APPROVED

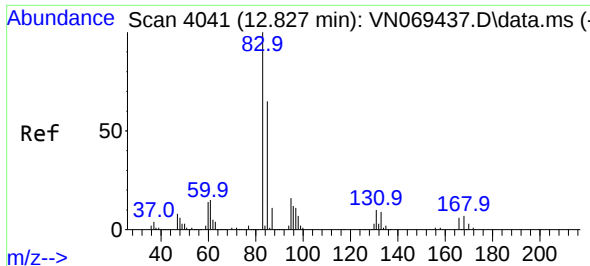
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#70
Isopropylbenzene
Concen: 20.765 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion:105 Resp: 1027095
Ion Ratio Lower Upper
105 100
120 25.9 18.3 34.1





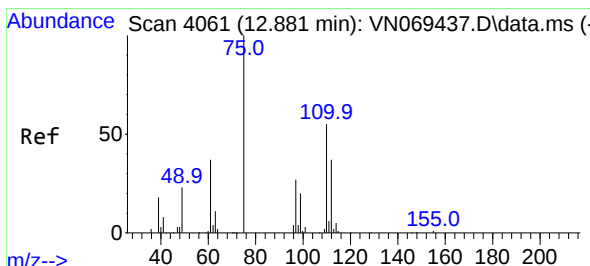
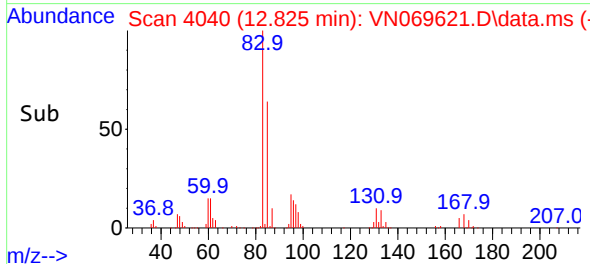
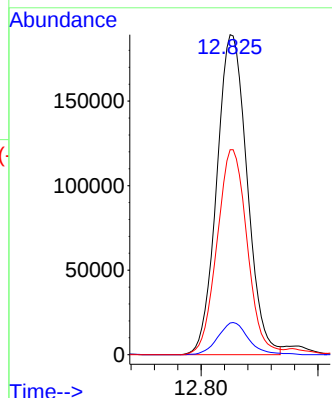
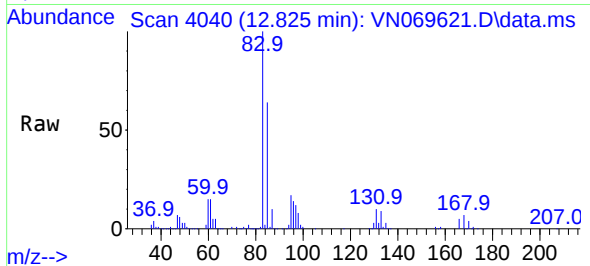
#71
1,1,2,2-Tetrachloroethane
Concen: 20.952 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 341974
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 63.6 33.1 99.2

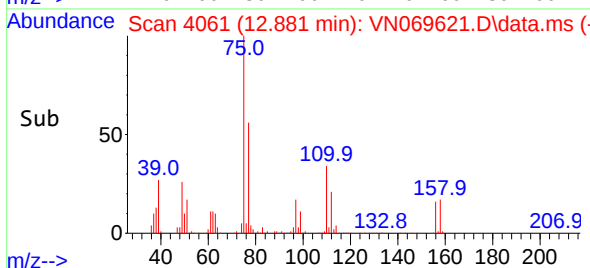
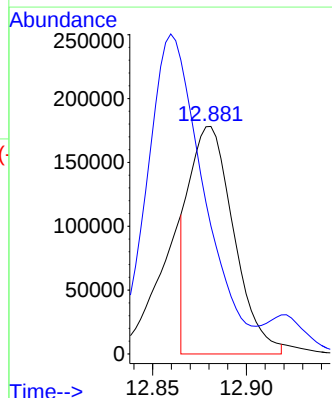
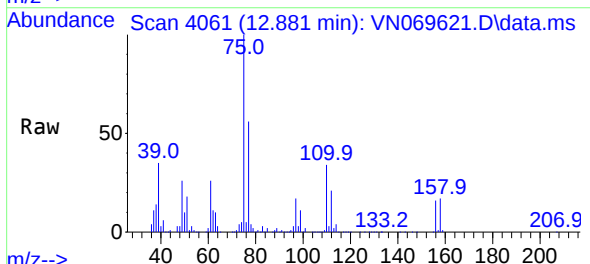
Manual Integrations
APPROVED

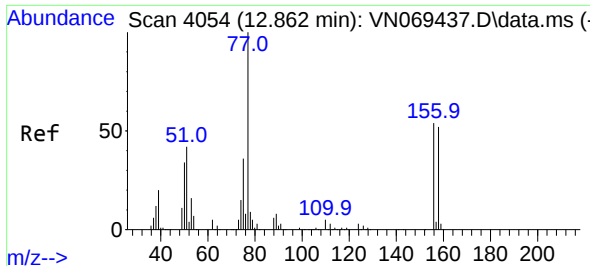
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#72
1,2,3-Trichloropropane
Concen: 18.420 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

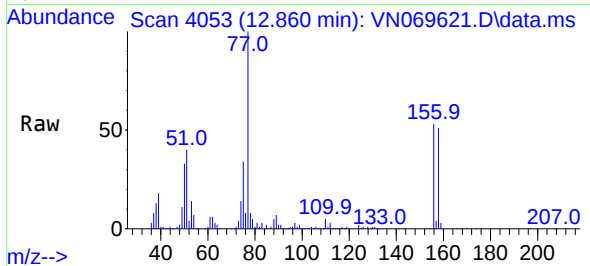
Tgt Ion: 75 Resp: 292882
Ion Ratio Lower Upper
75 100
77 179.8 0.0 378.0





#73
Bromobenzene
Concen: 20.538 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

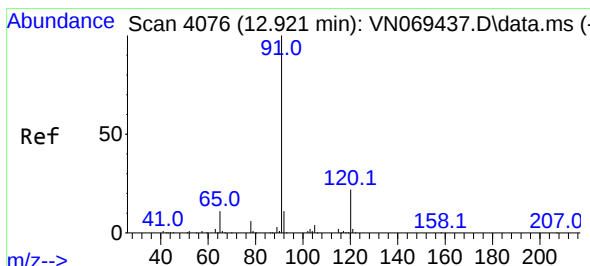
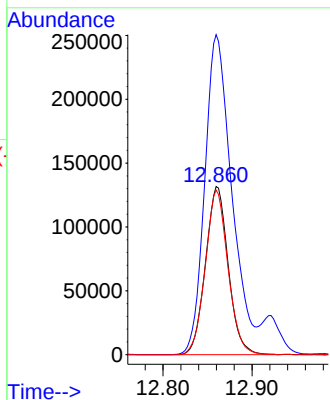
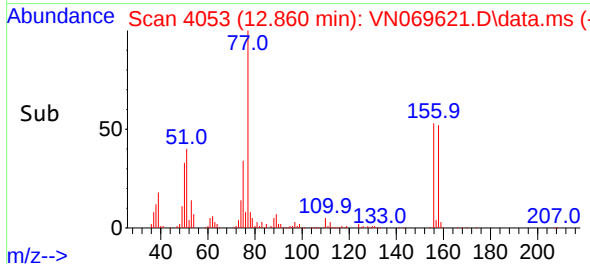
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



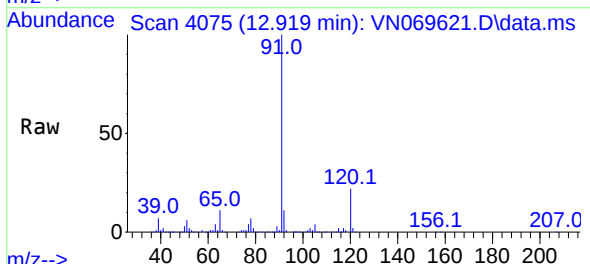
Tgt Ion:156 Resp: 234178
Ion Ratio Lower Upper
156 100
77 224.9 0.0 416.0
158 97.5 0.0 195.4

Manual Integrations
APPROVED

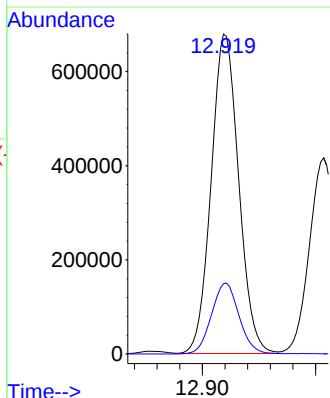
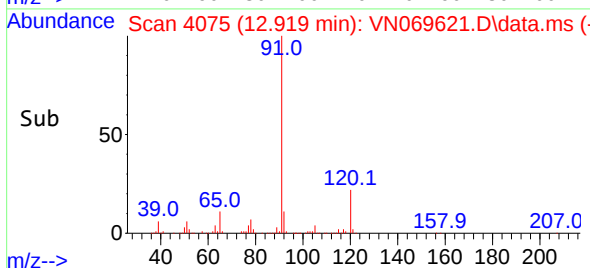
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

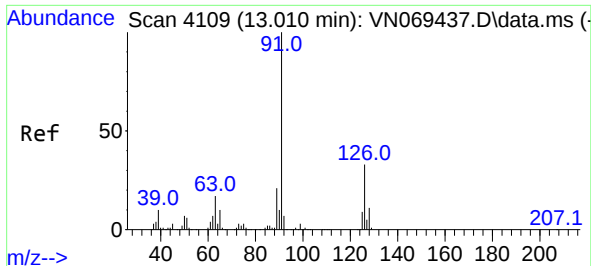


#74
n-propylbenzene
Concen: 20.124 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40



Tgt Ion: 91 Resp: 1143160
Ion Ratio Lower Upper
91 100
120 22.3 0.0 45.0





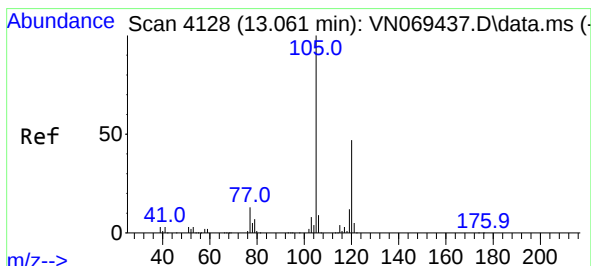
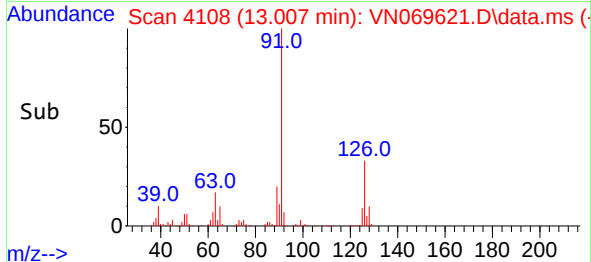
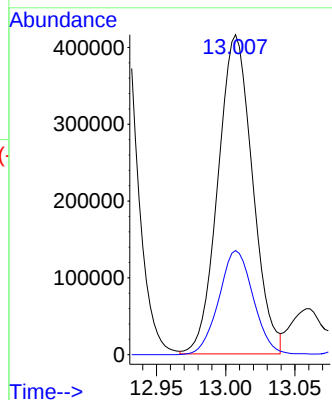
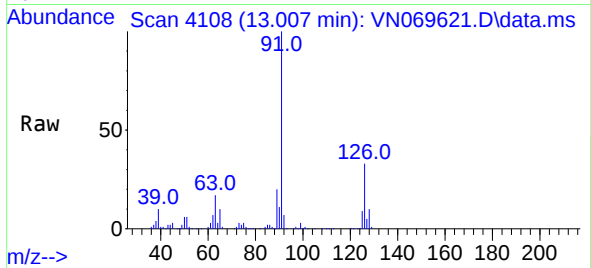
#75
2-Chlorotoluene
Concen: 20.871 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 72174
Ion Ratio Lower Upper
91 100
126 32.5 0.0 69.8

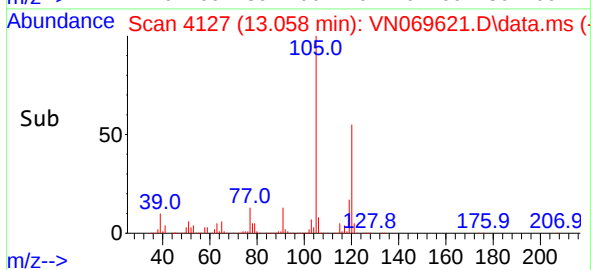
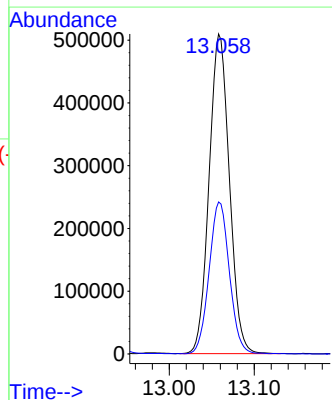
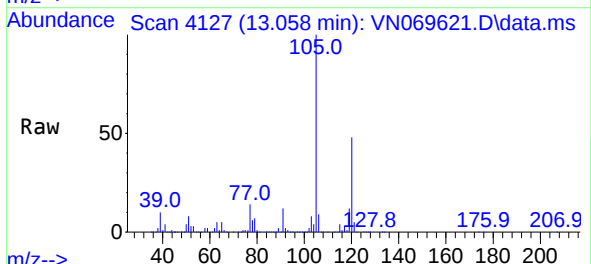
Manual Integrations
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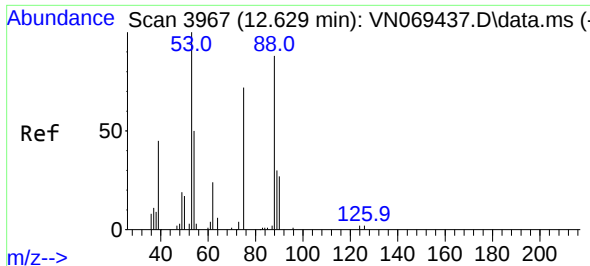
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#76
1,3,5-Trimethylbenzene
Concen: 20.815 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion:105 Resp: 845042
Ion Ratio Lower Upper
105 100
120 47.4 0.0 93.8





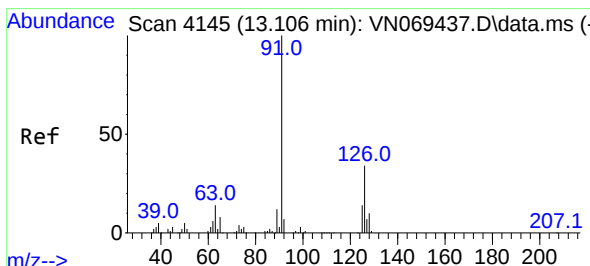
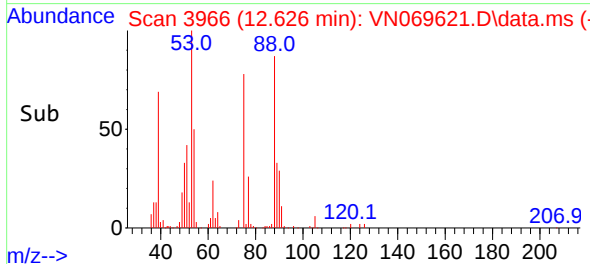
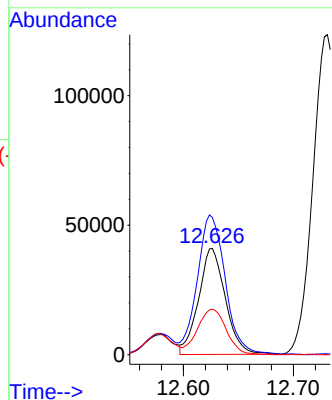
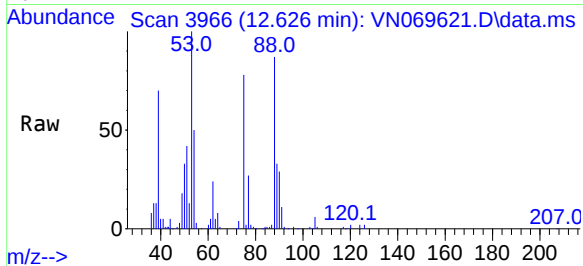
#77
t-1,4-Dichloro-2-butene
Concen: 16.104 ug/l
RT: 12.626 min Scan# 3967
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 69119
Ion Ratio Lower Upper
75 100
53 128.9 51.8 155.5
89 43.0 22.9 68.7

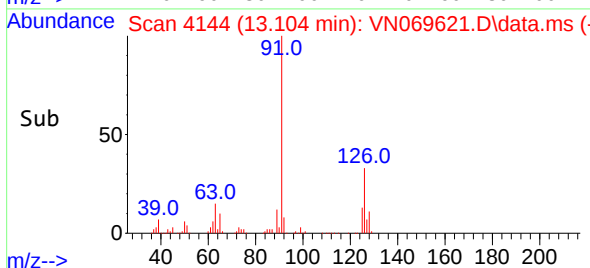
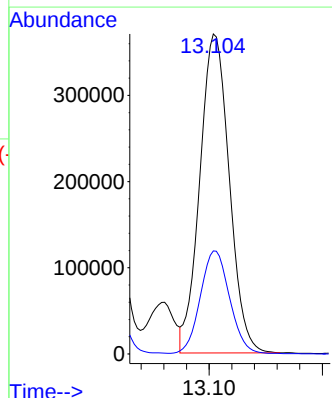
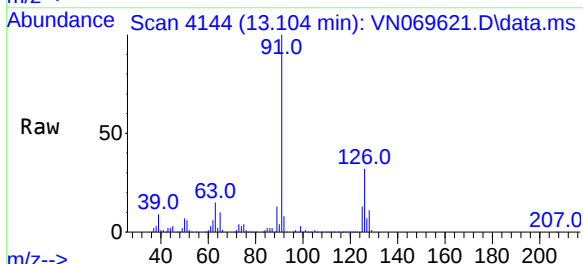
Manual Integrations
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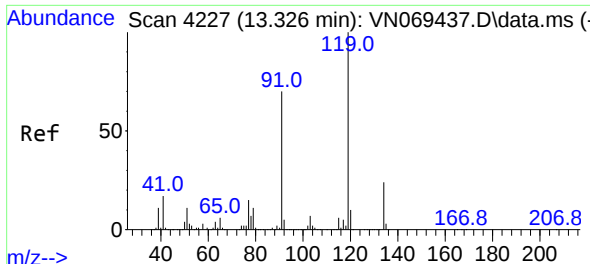
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#78
4-Chlorotoluene
Concen: 20.162 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion: 91 Resp: 667684
Ion Ratio Lower Upper
91 100
126 31.9 0.0 70.6





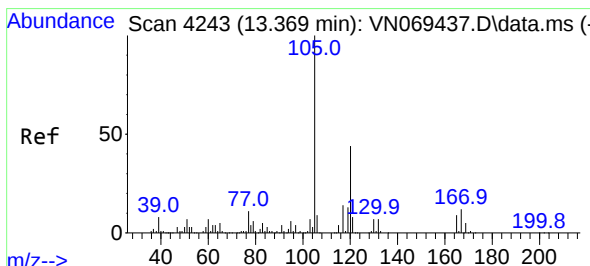
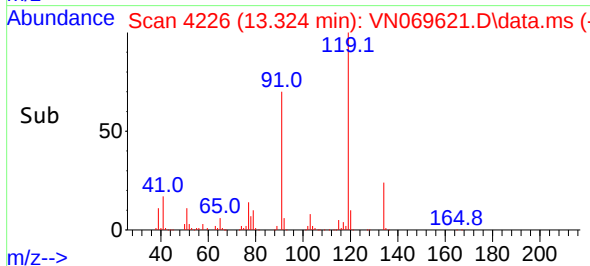
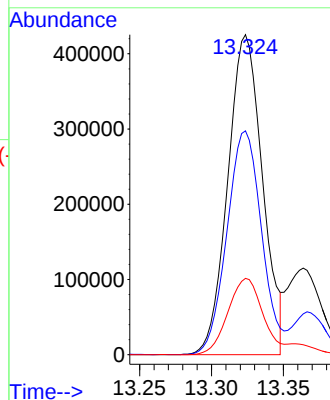
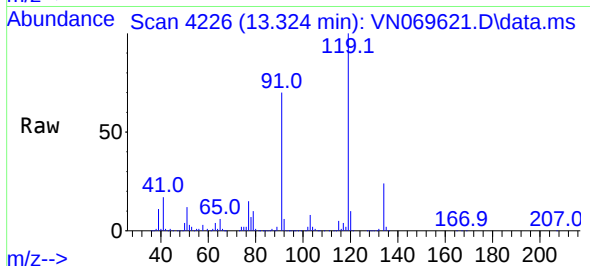
#79
tert-butylbenzene
Concen: 20.042 ug/l
RT: 13.324 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 715759
Ion Ratio Lower Upper
119 100
91 70.1 0.0 137.0
134 24.0 0.0 47.6

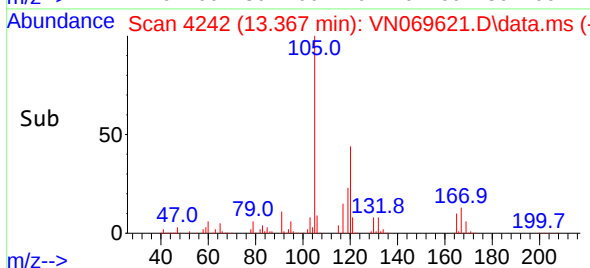
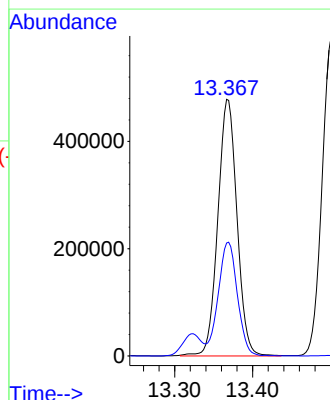
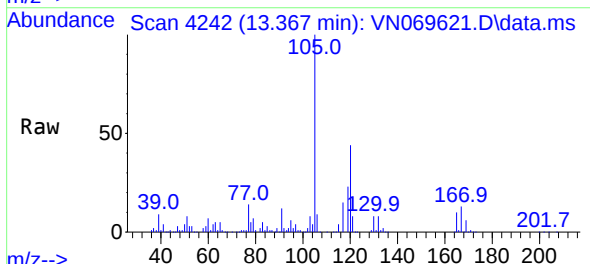
Manual Integrations
APPROVED

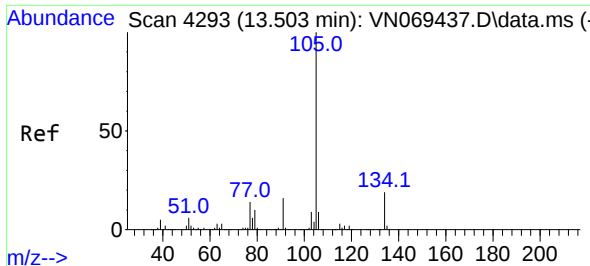
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#80
1,2,4-Trimethylbenzene
Concen: 20.617 ug/l m
RT: 13.367 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion:105 Resp: 816517
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





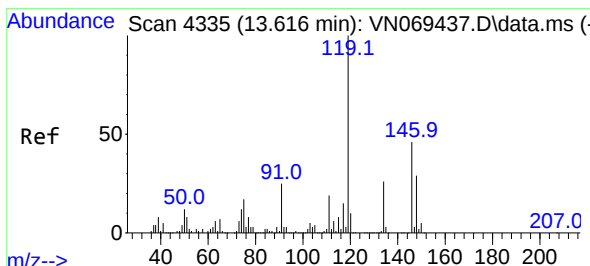
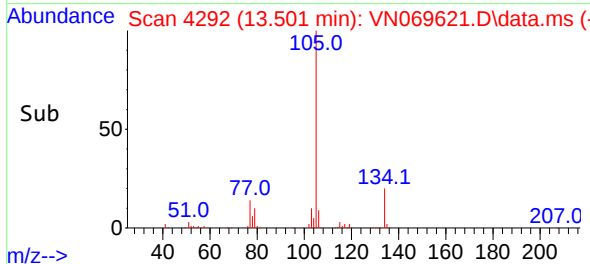
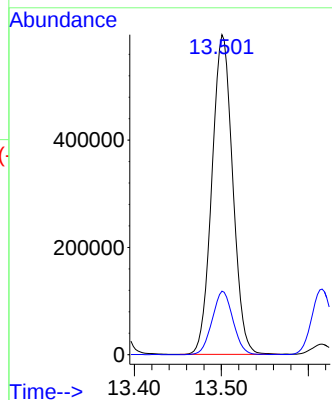
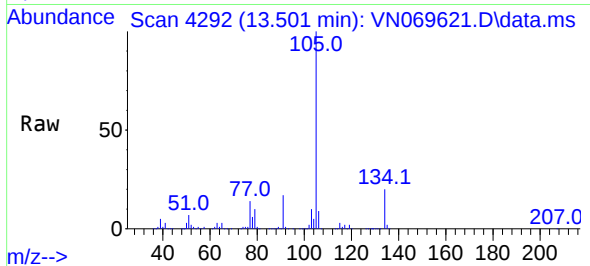
#81
 sec-Butylbenzene
 Concen: 19.822 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN069621.D
 Acq: 23 Nov 2021 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 990464
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.4

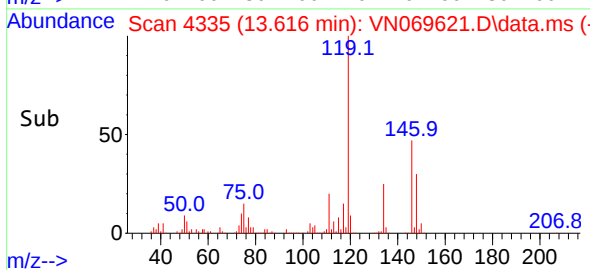
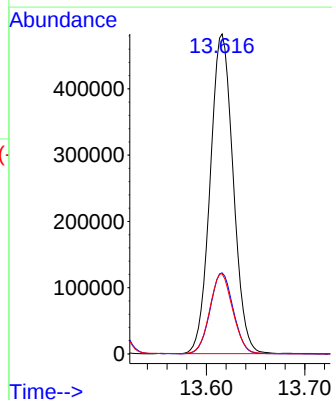
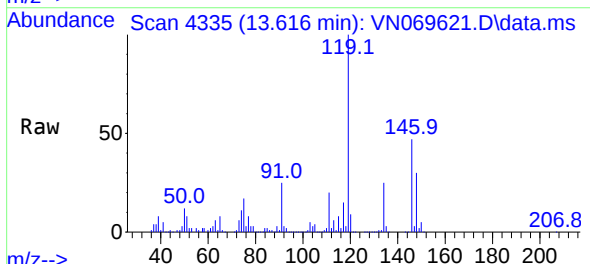
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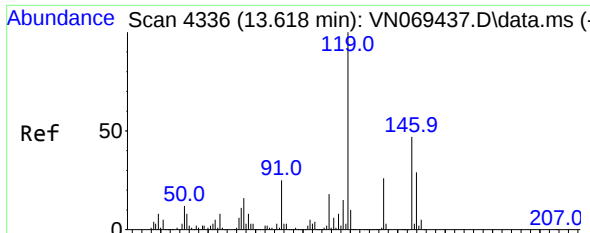
Reviewed By :John Carlone 11/24/2021
 Supervised By :Mahesh Dadoda 11/26/2021



#82
 p-Isopropyltoluene
 Concen: 19.704 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.002 min
 Lab File: VN069621.D
 Acq: 23 Nov 2021 11:40

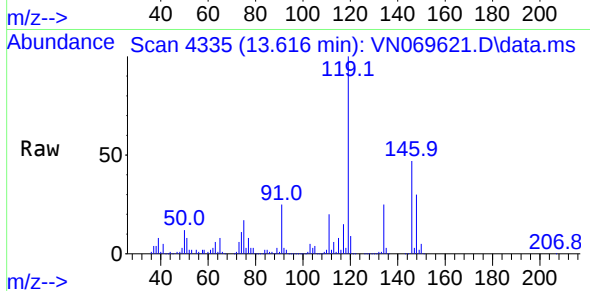
Tgt Ion:119 Resp: 785573
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 51.8
 91 25.0 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 20.390 ug/l
RT: 13.616 min Scan# 4336
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

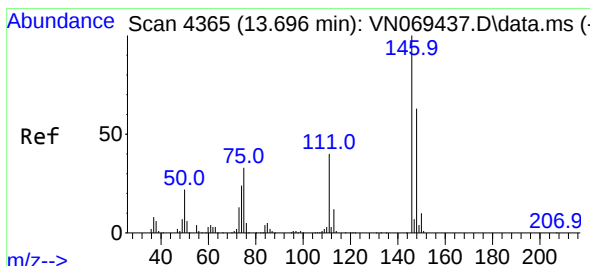
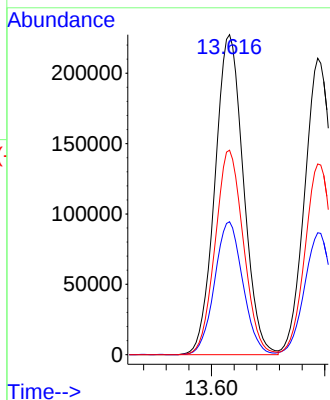
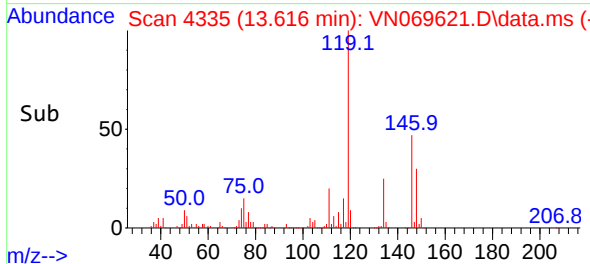
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



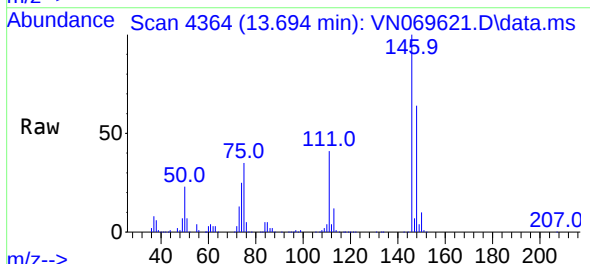
Tgt Ion:146 Resp: 39750
Ion Ratio Lower Upper
146 100
111 41.2 20.8 62.2
148 63.5 31.4 94.3

Manual Integrations
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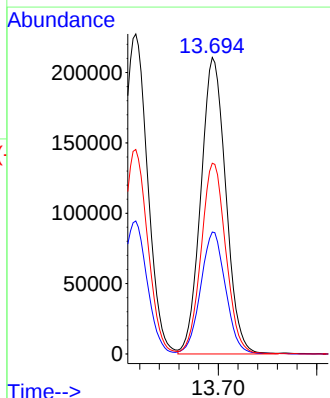
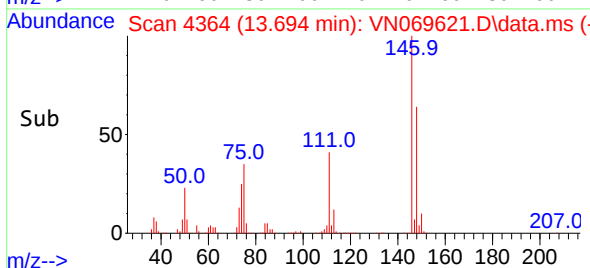
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

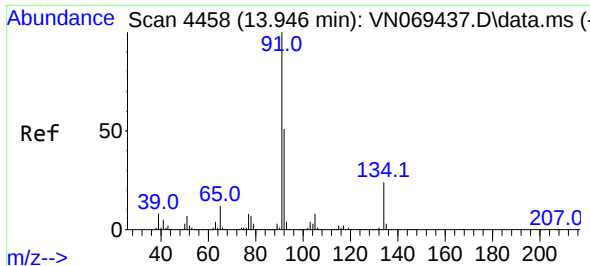


#84
1,4-Dichlorobenzene
Concen: 19.644 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40



Tgt Ion:146 Resp: 371518
Ion Ratio Lower Upper
146 100
111 40.5 19.5 58.5
148 63.7 31.1 93.5





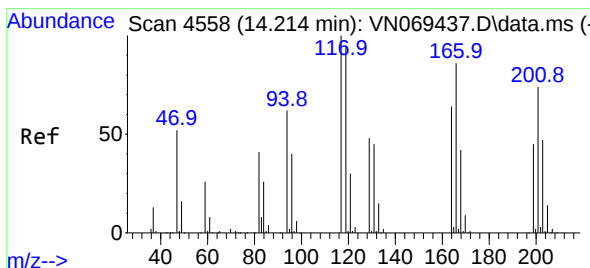
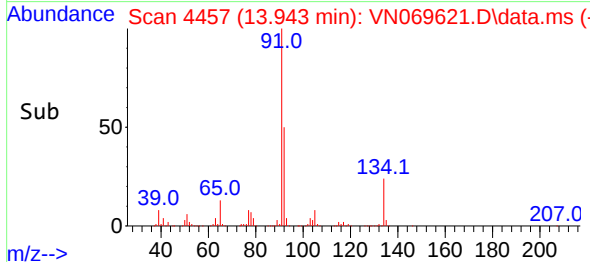
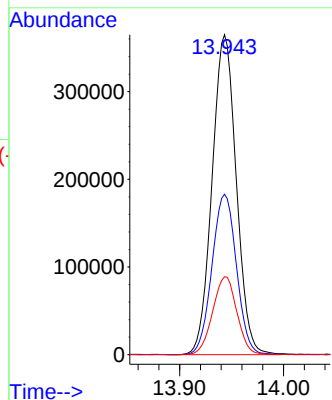
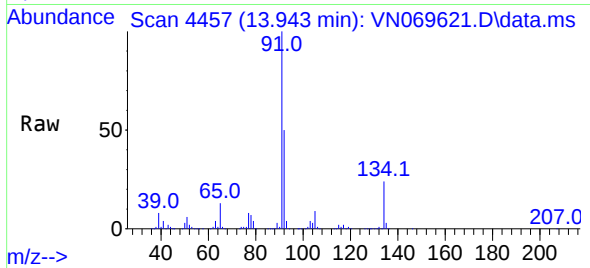
#85
n-Butylbenzene
Concen: 17.753 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 59074
Ion Ratio Lower Upper
91 100
92 50.8 0.0 100.6
134 24.4 0.0 50.2

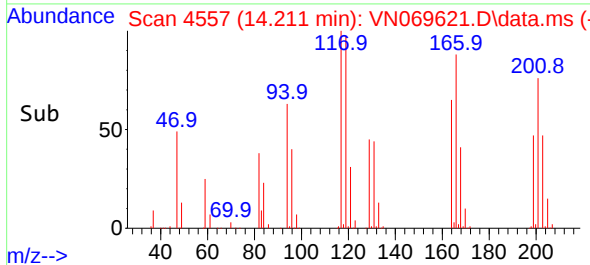
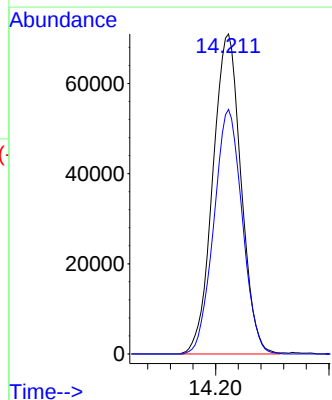
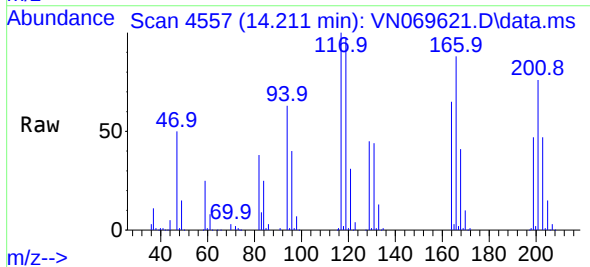
Manual Integrations
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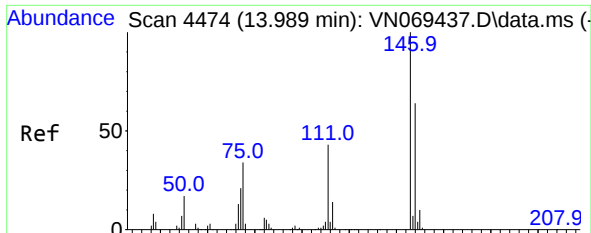
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#86
Hexachloroethane
Concen: 18.612 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

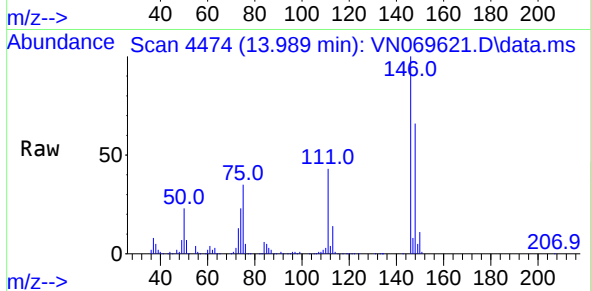
Tgt Ion:117 Resp: 122810
Ion Ratio Lower Upper
117 100
201 76.8 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 20.170 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

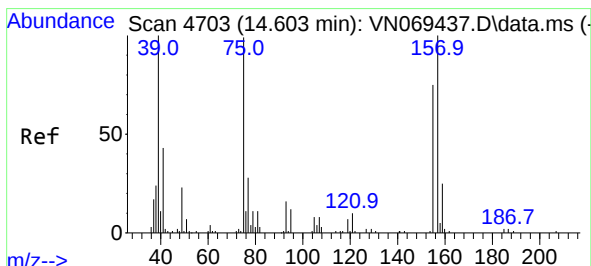
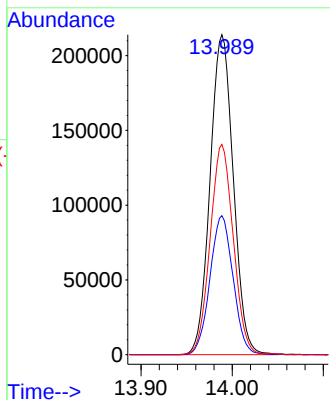
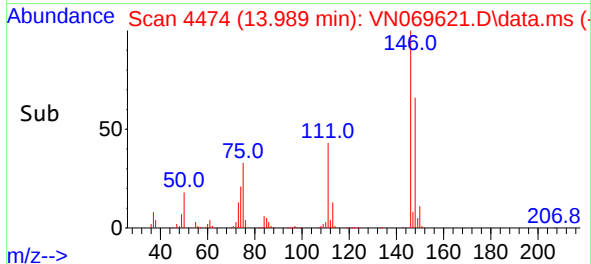
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



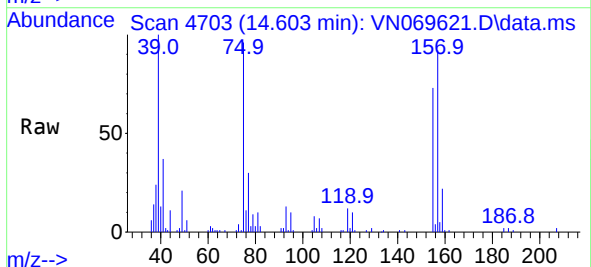
Tgt Ion:146 Resp: 37948
Ion Ratio Lower Upper
146 100
111 43.2 21.4 64.2
148 65.5 32.5 97.4

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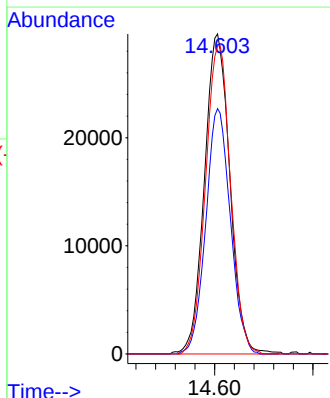
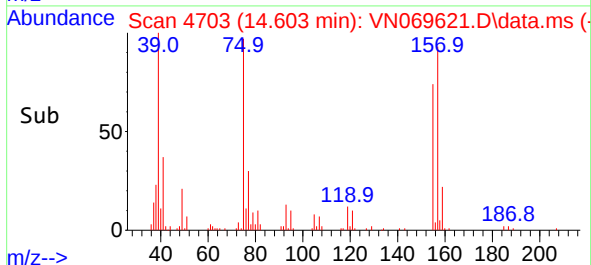
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

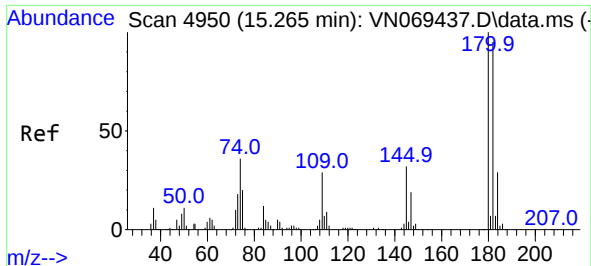


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.633 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40



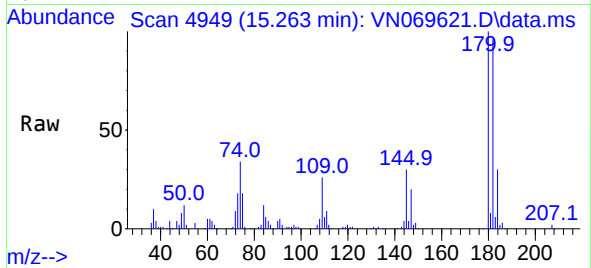
Tgt Ion: 75 Resp: 53238
Ion Ratio Lower Upper
75 100
155 74.2 63.8 95.8
157 95.3 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 16.879 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

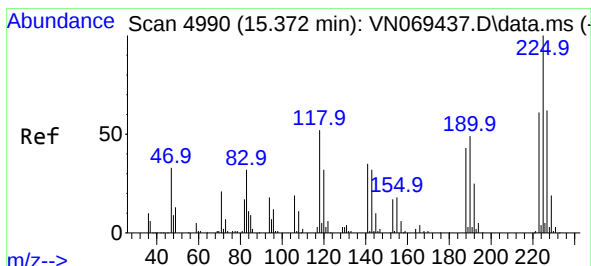
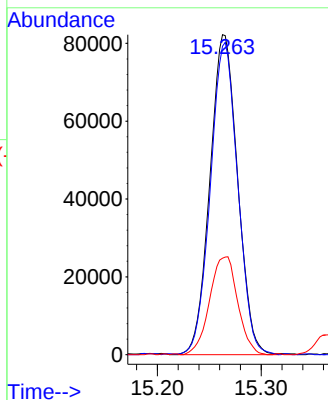
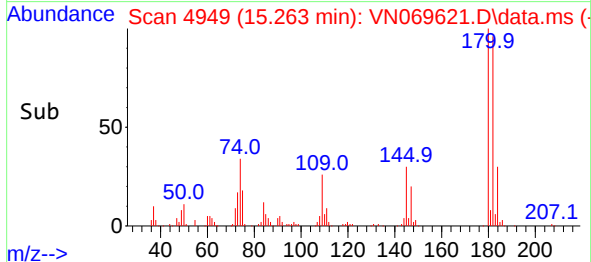
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



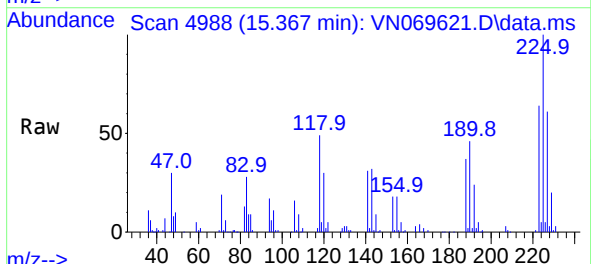
Tgt Ion:180 Resp: 152270
Ion Ratio Lower Upper
180 100
182 96.2 77.7 116.5
145 31.0 26.6 39.8

Manual Integrations
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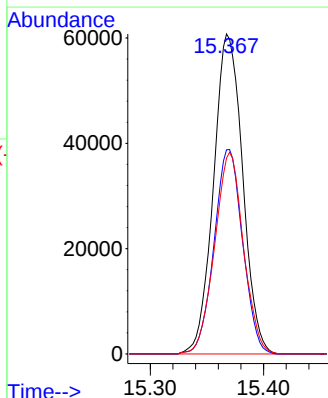
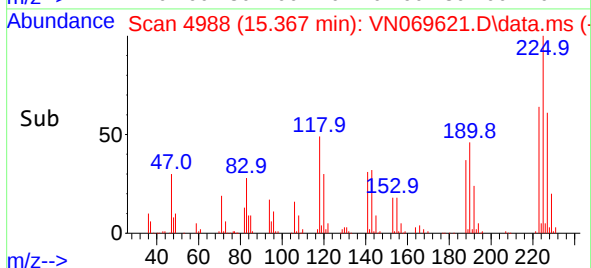
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

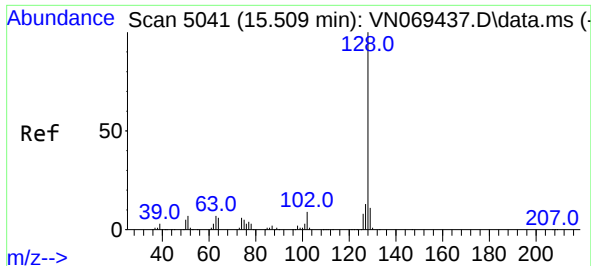


#90
Hexachlorobutadiene
Concen: 22.219 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.005 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40



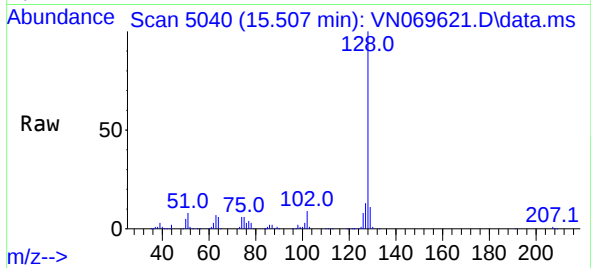
Tgt Ion:225 Resp: 108390
Ion Ratio Lower Upper
225 100
223 62.6 0.0 126.8
227 62.2 0.0 123.0





#91
Naphthalene
Concen: 13.678 ug/l
RT: 15.507 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

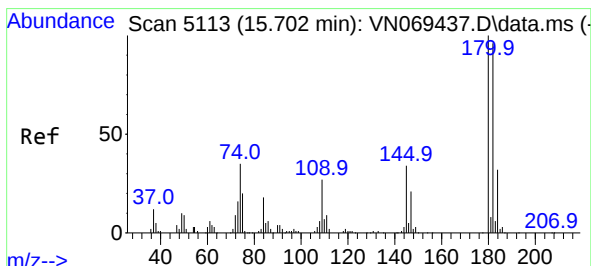
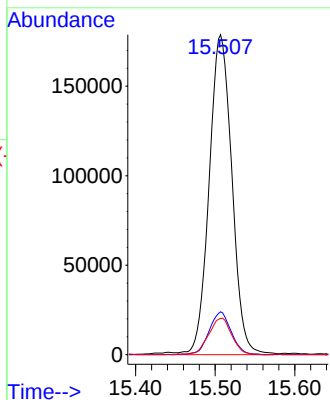
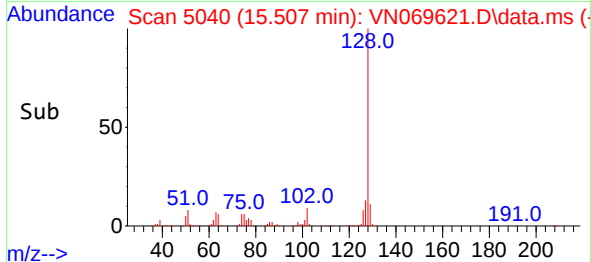
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 355460
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.6 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#92
1,2,3-Trichlorobenzene
Concen: 16.455 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069621.D
Acq: 23 Nov 2021 11:40

Tgt Ion:180 Resp: 145932
Ion Ratio Lower Upper
180 100
182 96.7 0.0 190.0
145 31.9 0.0 67.8

