

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
 Data File : VN069133.D
 Acq On : 22 Oct 2021 13:45
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102221

Manual Integrations
 APPROVED

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

Quant Time: Oct 23 07:53:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 13:15:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	58344	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	350262	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	324081	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	140098	30.829	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.767%			
60) 4-Bromofluorobenzene	12.734	95	163818	29.480	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.267%			
63) Toluene-d8	10.443	98	439518	30.017	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.067%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	88343	22.900	ug/l	99
3) Chloromethane	2.303	50	90715	22.618	ug/l	96
4) Vinyl Chloride	2.445	62	102730	21.488	ug/l	100
5) Bromomethane	2.861	94	75946	24.221	ug/l	99
6) Chloroethane	3.019	64	66208	21.365	ug/l	96
7) Trichlorofluoromethane	3.379	101	137929	22.280	ug/l	98
8) Diethyl Ether	3.829	74	48181	21.981	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.218	101	76038	22.608	ug/l #	54
10) 1,1-Dichloroethene	4.189	96	72045	21.956	ug/l	99
11) Methyl Iodide	4.427	142	87159	18.891	ug/l	92
12) Methyl Acetate	4.857	43	133760	21.403	ug/l	100
13) Acrolein	4.047	56	37403	99.342	ug/l	98
14) Acrylonitrile	5.557	53	191316	107.891	ug/l	99
15) Acetone	4.288	58	59869	108.005	ug/l	95
16) Carbon Disulfide	4.537	76	190000	21.549	ug/l	98
17) Allyl chloride	4.849	41	120570	21.337	ug/l	95
18) Methylene Chloride	5.101	84	86429	22.165	ug/l	98
19) trans-1,2-Dichloroethene	5.602	96	77046	21.622	ug/l	95
20) Diisopropyl ether	6.495	45	258540	21.419	ug/l	98
21) 1,1-Dichloroethane	6.391	63	146785	21.787	ug/l	99
22) cis-1,2-Dichloroethene	7.329	96	94125	22.039	ug/l	100
23) tert-Butyl Alcohol	5.363	59	79898	109.817	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	267809	21.518	ug/l	98
25) Chloroform	7.820	83	156012	21.670	ug/l	98
26) Cyclohexane	8.099	56	136774	22.040	ug/l #	96
29) 1,1-Dichloropropene	8.225	75	115177	20.895	ug/l	98
30) 2-Butanone	7.335	43	276058	104.300	ug/l	99
31) 2,2-Dichloropropane	7.329	77	140000	21.200	ug/l	99
32) 1,1,1-Trichloroethane	8.019	97	141840	20.681	ug/l	99
33) Carbon Tetrachloride	8.209	117	121455	20.848	ug/l	97
34) Benzene	8.464	78	346265	21.037	ug/l	100
35) Methacrylonitrile	7.638	41	52613	19.946	ug/l	98
36) 1,2-Dichloroethane	8.534	62	123986	20.871	ug/l	99
37) Trichloroethene	9.217	130	88007	21.027	ug/l	96
38) Methylcyclohexane	9.462	83	151792	21.631	ug/l	98
39) 1,2-Dichloropropane	9.491	63	87722	20.900	ug/l	98
40) Dibromomethane	9.580	93	61694	21.024	ug/l	96
41) Bromodichloromethane	9.765	83	122040	20.813	ug/l	96
42) Vinyl Acetate	6.436	43	973949	103.126	ug/l	100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 13:15:19 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	110120	21.328	ug/l	98
44) Isopropyl Acetate	8.563	43	199157	20.832	ug/l	100
45) 1,4-Dioxane	9.569	88	32654	426.784	ug/l	95
46) Methyl methacrylate	9.561	41	84317	19.511	ug/l	92
47) n-amyl Acetate	12.390	43	165680	20.413	ug/l	98
48) t-1,3-Dichloropropene	10.719	75	137765	20.312	ug/l	100
49) cis-1,3-Dichloropropene	10.191	75	143650	20.340	ug/l	95
50) 1,1,2-Trichloroethane	10.899	97	87820	20.852	ug/l	98
51) Ethyl methacrylate	10.762	69	143235	20.632	ug/l	94
52) 1,3-Dichloropropane	11.047	76	147913	20.875	ug/l	99
53) Dibromochloromethane	11.240	129	90707	20.175	ug/l	99
54) 1,2-Dibromoethane	11.347	107	90085	20.461	ug/l	95
55) 2-Chloroethyl vinyl ether	10.044	63	168930	76.641	ug/l	99
56) Bromoform	12.460	173	62739	19.359	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	574080	105.000	ug/l	98
59) 2-Hexanone	11.087	43	433327	104.951	ug/l	98
61) Tetrachloroethene	10.980	164	78159	22.190	ug/l	94
62) Toluene	10.507	91	403293	21.365	ug/l	98
64) Chlorobenzene	11.773	112	242927	21.219	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	89964	21.122	ug/l	99
66) Ethyl Benzene	11.846	91	453520	21.370	ug/l	99
67) m/p-Xylenes	11.956	106	343290	43.014	ug/l	97
68) o-Xylene	12.283	106	167873	21.007	ug/l	96
69) Styrene	12.296	104	276178	20.855	ug/l	98
70) Isopropylbenzene	12.581	105	449093	21.436	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.830	83	129421	21.076	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	108887m	20.637	ug/l	
73) Bromobenzene	12.862	156	99944	21.046	ug/l	94
74) n-propylbenzene	12.921	91	514240	21.373	ug/l	100
75) 2-Chlorotoluene	13.010	91	315349	21.405	ug/l	97
76) 1,3,5-Trimethylbenzene	13.061	105	372853	21.353	ug/l	100
77) t-1,4-Dichloro-2-butene	12.626	75	39797	19.286	ug/l	98
78) 4-Chlorotoluene	13.106	91	303629	21.029	ug/l	95
79) tert-butylbenzene	13.326	119	325532	21.232	ug/l	100
80) 1,2,4-Trimethylbenzene	13.369	105	367641m	21.448	ug/l	
81) sec-Butylbenzene	13.503	105	457846	21.332	ug/l	99
82) p-Isopropyltoluene	13.619	119	371015	21.193	ug/l	100
83) 1,3-Dichlorobenzene	13.619	146	178230	21.319	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	172090	21.139	ug/l	98
85) n-Butylbenzene	13.946	91	306331	20.922	ug/l	99
86) Hexachloroethane	14.214	117	66336	20.237	ug/l	93
87) 1,2-Dichlorobenzene	13.991	146	171861	21.514	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.606	75	23084	20.182	ug/l	98
89) 1,2,4-Trichlorobenzene	15.265	180	82529	20.491	ug/l	99
90) Hexachlorobutadiene	15.373	225	46012	21.851	ug/l	97
91) Naphthalene	15.507	128	240925	20.680	ug/l	98
92) 1,2,3-Trichlorobenzene	15.702	180	81345	21.133	ug/l	99

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

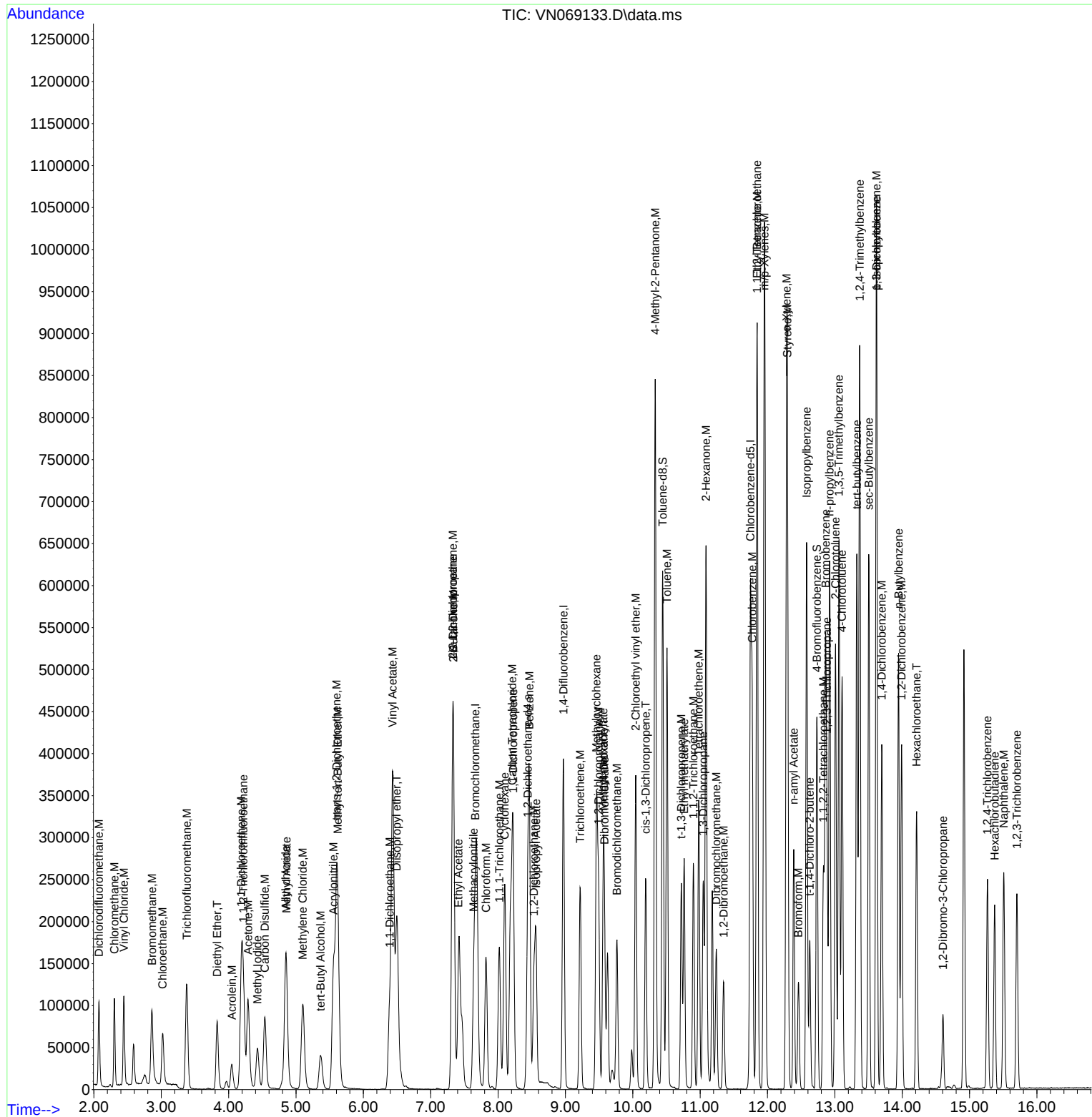
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
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ALS Vial : 9 Sample Multiplier: 1

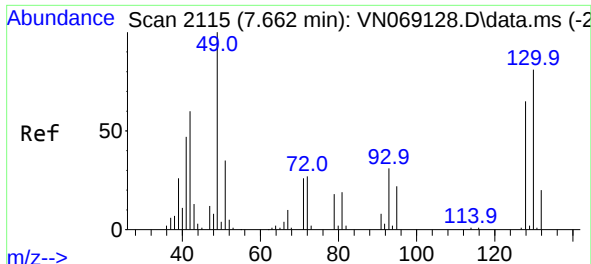
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221

Manual Integrations
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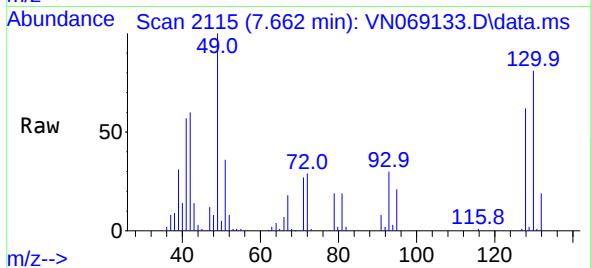
Quant Time: Oct 23 07:53:21 2021
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 22 13:15:19 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

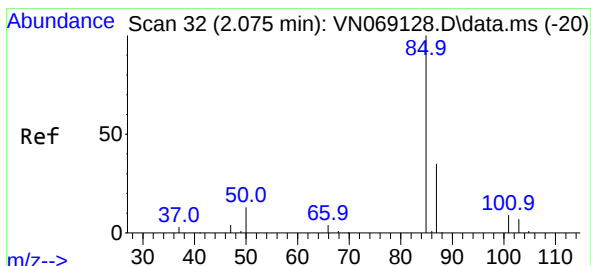
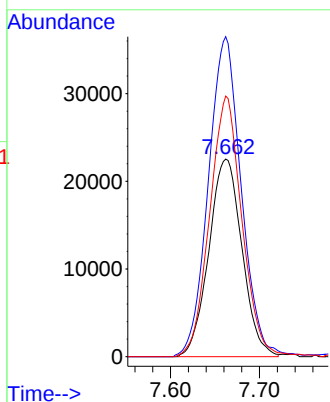
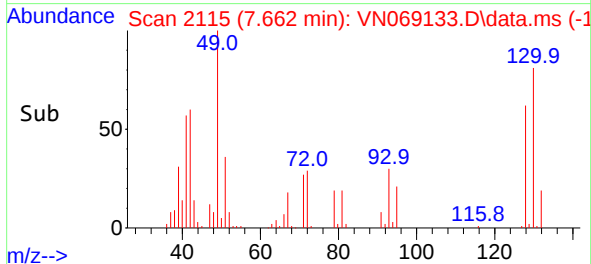
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221



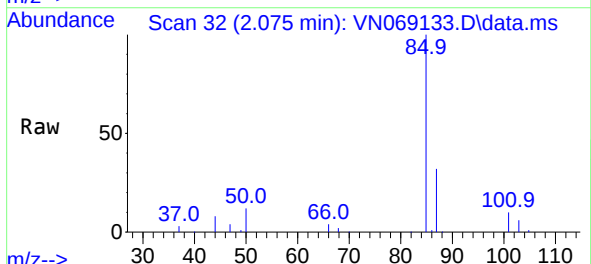
Tgt Ion:128 Resp: 58344
Ion Ratio Lower Upper
128 100
49 160.0 0.0 392.3
130 128.2 0.0 320.2

Manual Integrations
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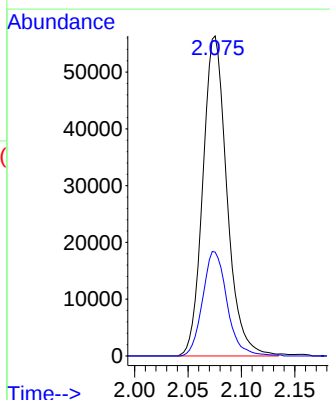
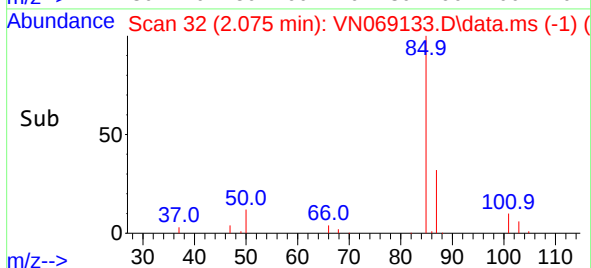
Reviewed By :John Carlone 10/25/2021
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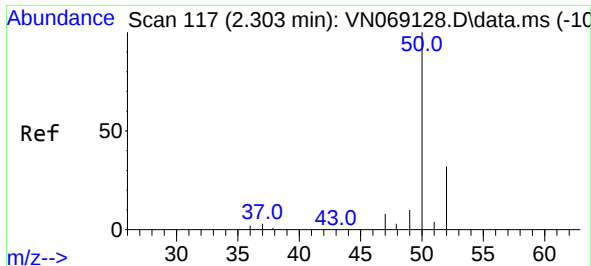


#2
Dichlorodifluoromethane
Concen: 22.900 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45



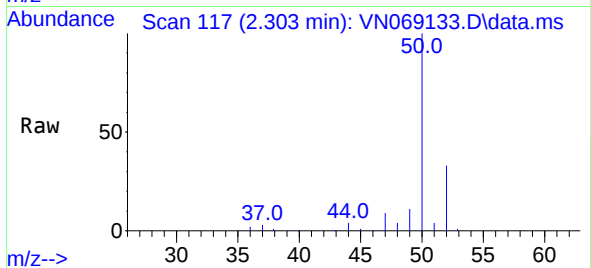
Tgt Ion: 85 Resp: 88343
Ion Ratio Lower Upper
85 100
87 32.4 16.6 49.7





#3
Chloromethane
Concen: 22.618 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

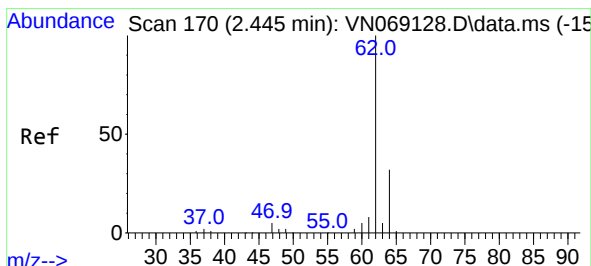
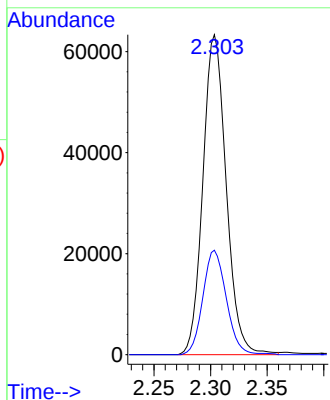
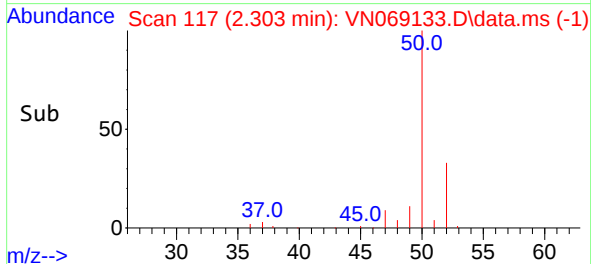
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Tgt Ion: 50 Resp: 90715
Ion Ratio Lower Upper
50 100
52 32.7 27.8 41.6

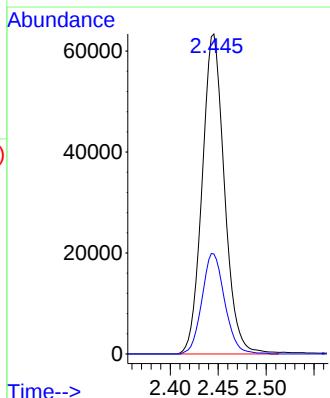
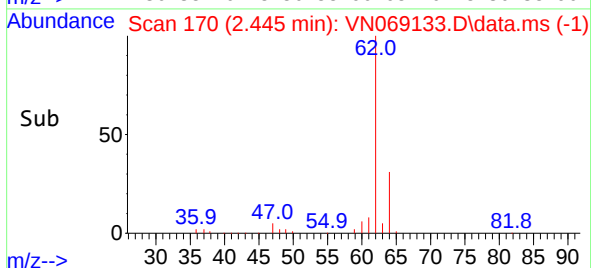
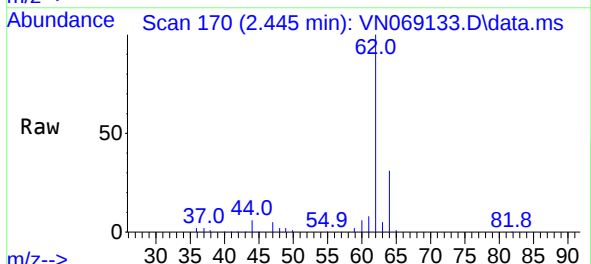
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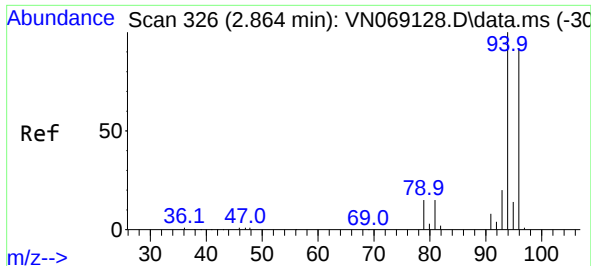
Reviewed By :John Carlone 10/25/2021
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#4
Vinyl Chloride
Concen: 21.488 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

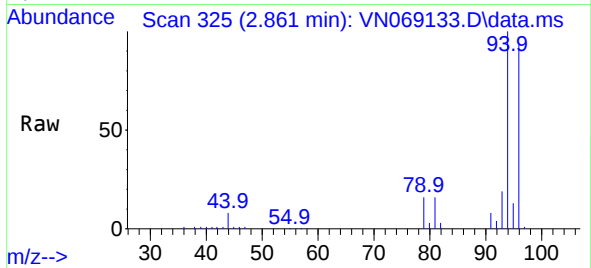
Tgt Ion: 62 Resp: 102730
Ion Ratio Lower Upper
62 100
64 31.2 25.1 37.7





#5
Bromomethane
Concen: 24.221 ug/l
RT: 2.861 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

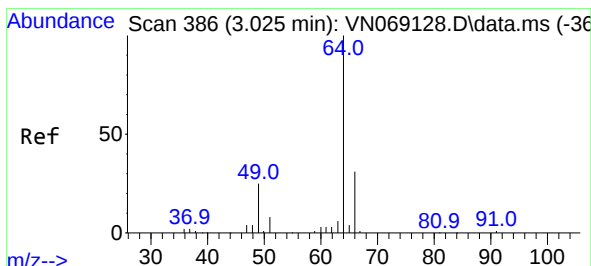
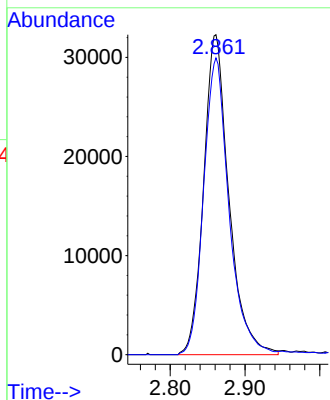
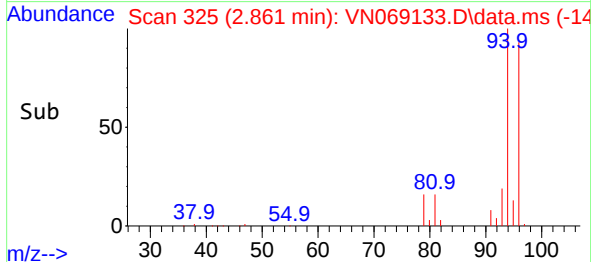
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Tgt Ion: 94 Resp: 75940
Ion Ratio Lower Upper
94 100
96 92.7 75.2 112.8

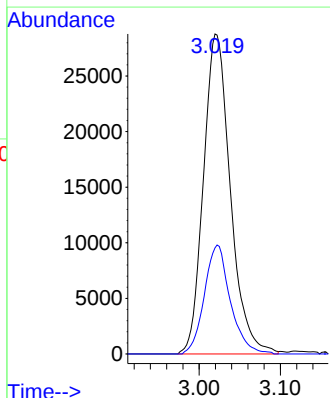
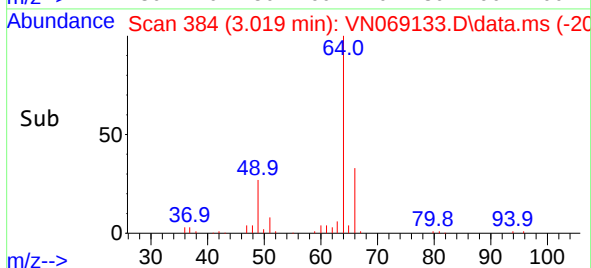
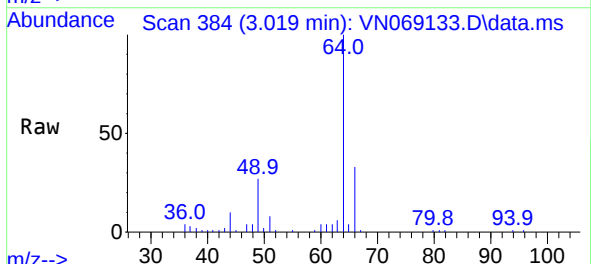
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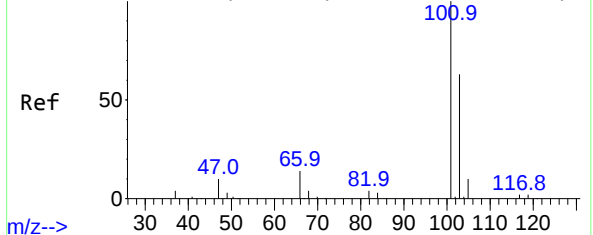


#6
Chloroethane
Concen: 21.365 ug/l
RT: 3.019 min Scan# 384
Delta R.T. -0.005 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Tgt Ion: 64 Resp: 66208
Ion Ratio Lower Upper
64 100
66 33.1 24.6 36.8



Abundance Scan 518 (3.379 min): VN069128.D\data.ms (-49



#7

Trichlorofluoromethane

Concen: 22.280 ug/l

RT: 3.379 min Scan# 518

Delta R.T. 0.000 min

Lab File: VN069133.D

Acq: 22 Oct 2021 13:45

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:101 Resp: 137929

Ion Ratio Lower Upper

101 100

103 63.9 50.1 75.1

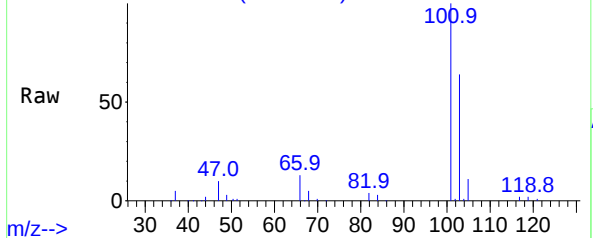
Manual Integrations

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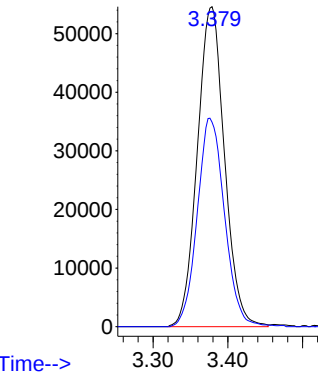
Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021

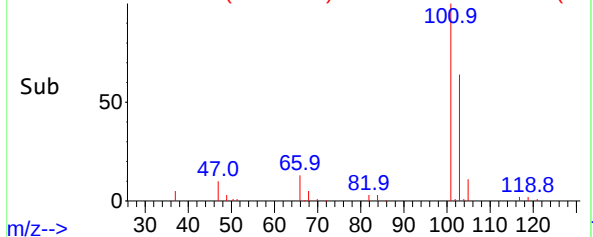
Abundance Scan 518 (3.379 min): VN069133.D\data.ms



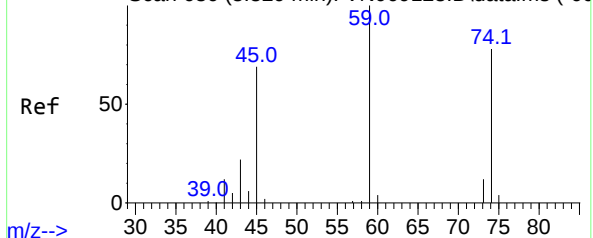
Abundance



Abundance Scan 518 (3.379 min): VN069133.D\data.ms (-33



Abundance Scan 686 (3.829 min): VN069128.D\data.ms (-66



#8

Diethyl Ether

Concen: 21.981 ug/l

RT: 3.829 min Scan# 686

Delta R.T. 0.000 min

Lab File: VN069133.D

Acq: 22 Oct 2021 13:45

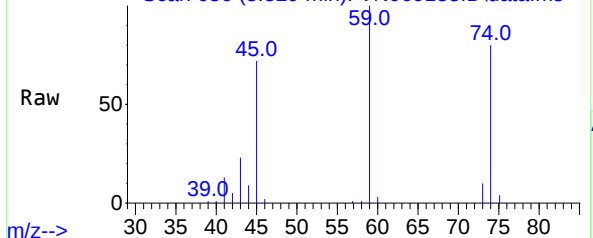
Tgt Ion: 74 Resp: 48181

Ion Ratio Lower Upper

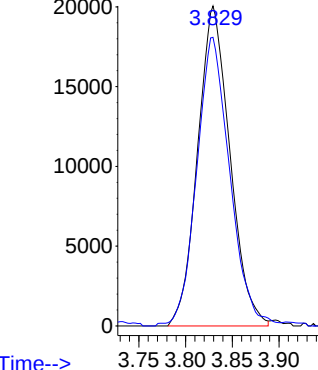
74 100

45 90.8 17.6 158.8

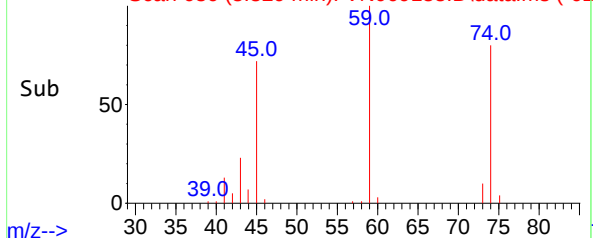
Abundance Scan 686 (3.829 min): VN069133.D\data.ms

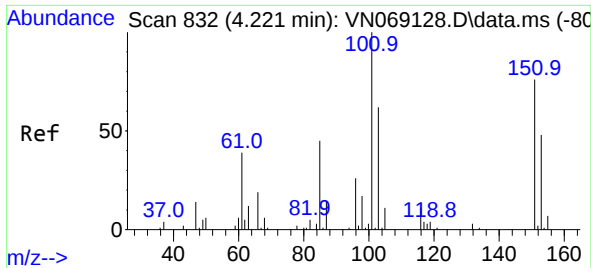


Abundance



Abundance Scan 686 (3.829 min): VN069133.D\data.ms (-61





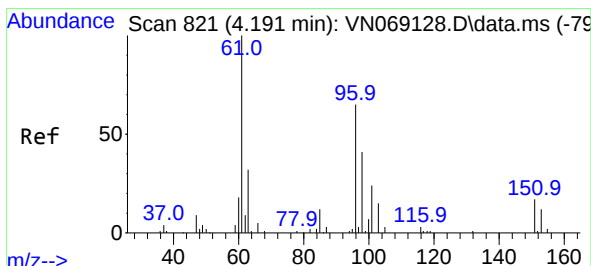
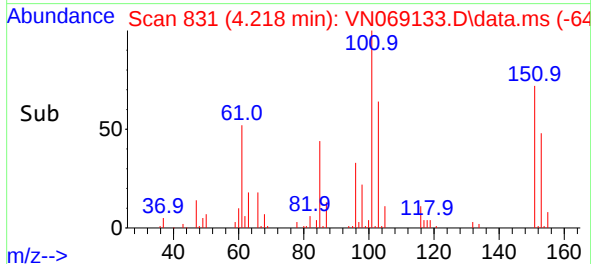
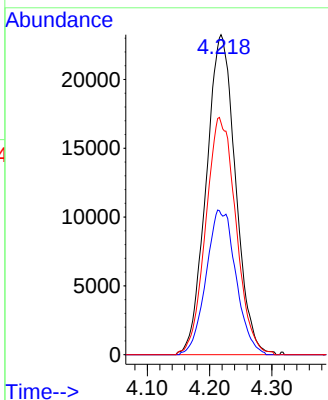
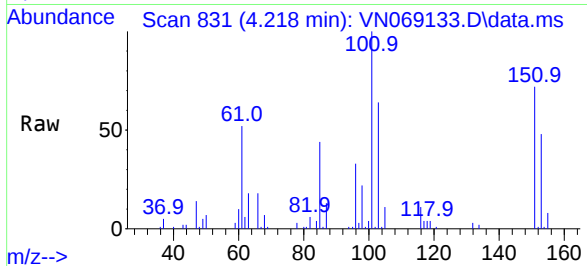
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.608 ug/l
RT: 4.218 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221

Tgt Ion:101 Resp: 76038
Ion Ratio Lower Upper
101 100
85 26.0 0.0 94.0
151 76.4 0.0 74.6

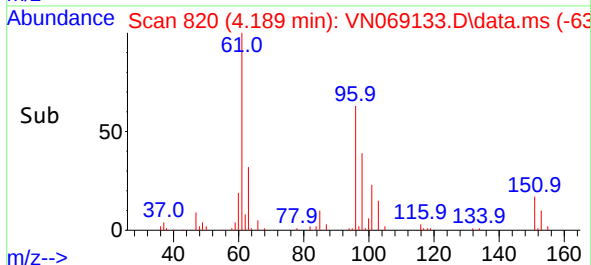
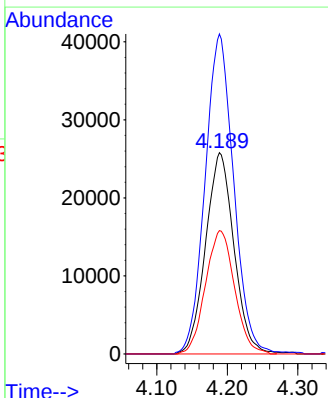
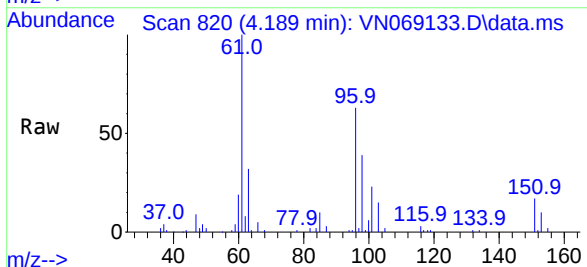
Manual Integrations
APPROVED

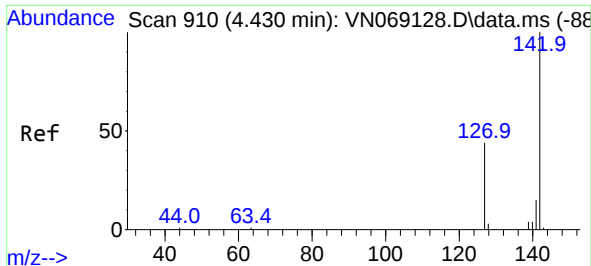
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#10
1,1-Dichloroethene
Concen: 21.956 ug/l
RT: 4.189 min Scan# 820
Delta R.T. -0.003 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Tgt Ion: 96 Resp: 72045
Ion Ratio Lower Upper
96 100
61 158.2 126.2 189.4
98 61.3 50.9 76.3





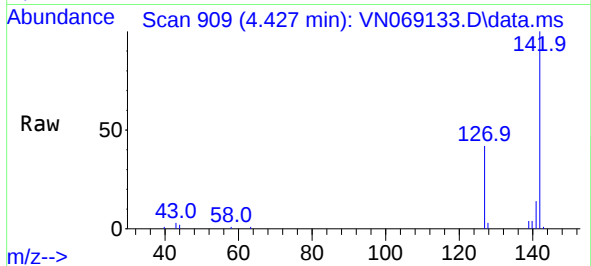
#11
Methyl Iodide
Concen: 18.891 ug/l
RT: 4.427 min Scan# 909
Delta R.T. -0.003 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :

MSVOA_N

ClientSampleId :

ICNVN102221

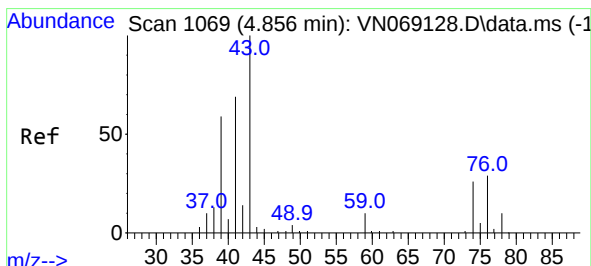
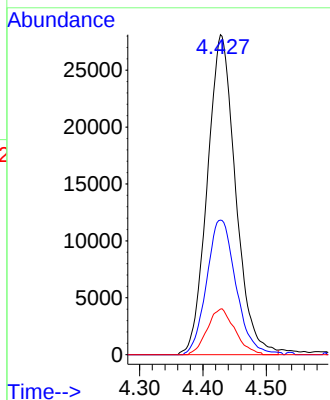
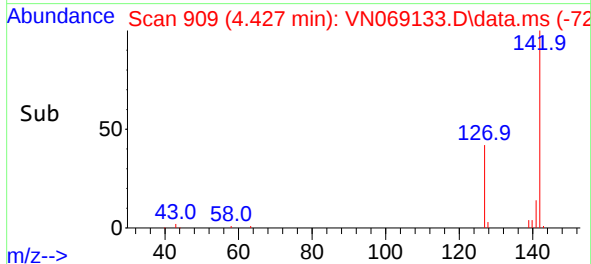


Tgt Ion:142 Resp: 87159
Ion Ratio Lower Upper
142 100
127 42.0 24.0 72.0
141 14.3 8.4 25.2

Manual Integrations

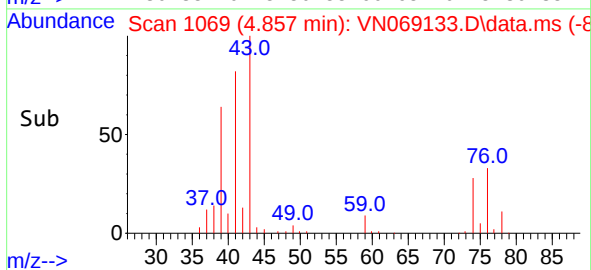
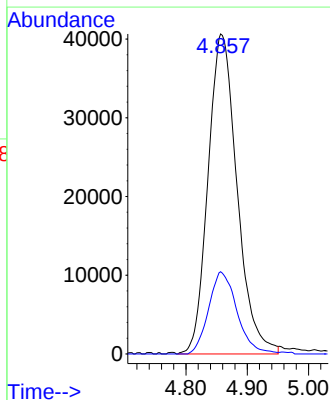
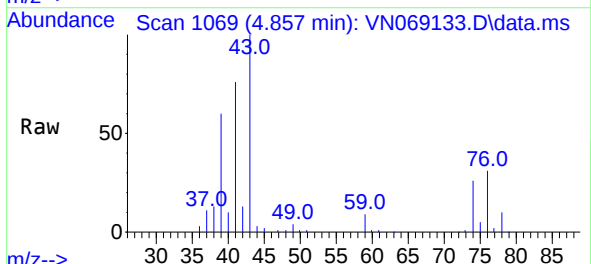
APPROVED

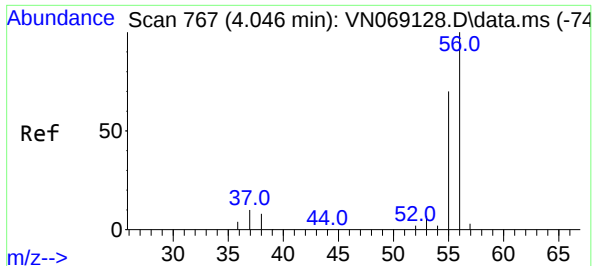
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#12
Methyl Acetate
Concen: 21.403 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

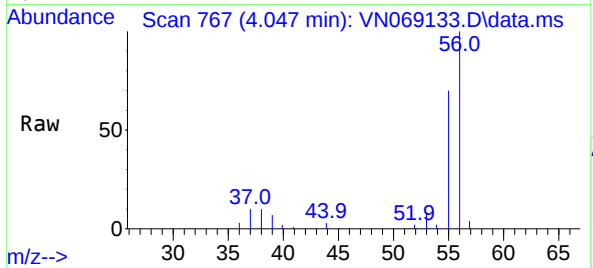
Tgt Ion: 43 Resp: 133760
Ion Ratio Lower Upper
43 100
74 25.8 20.8 31.2





#13
Acrolein
Concen: 99.342 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

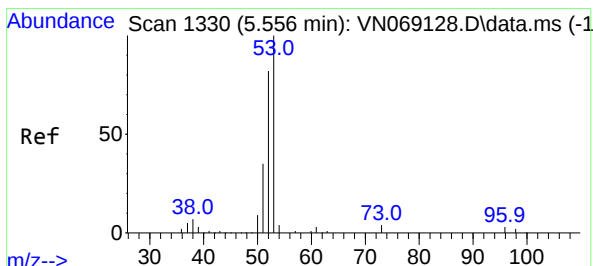
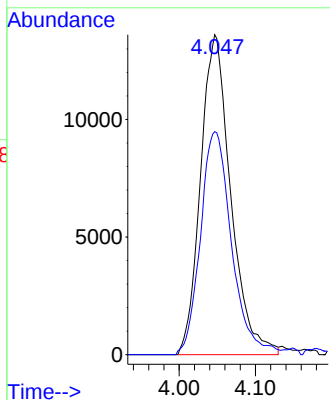
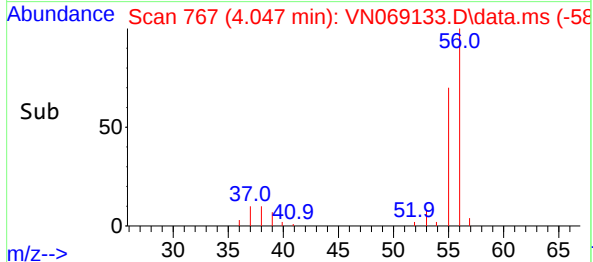
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221



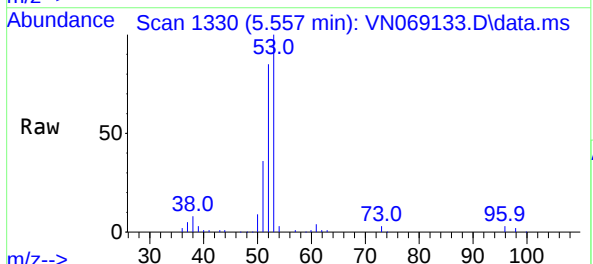
Tgt Ion: 56 Resp: 3740
Ion Ratio Lower Upper
56 100
55 70.5 57.6 86.4

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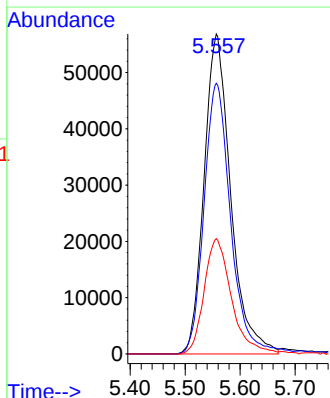
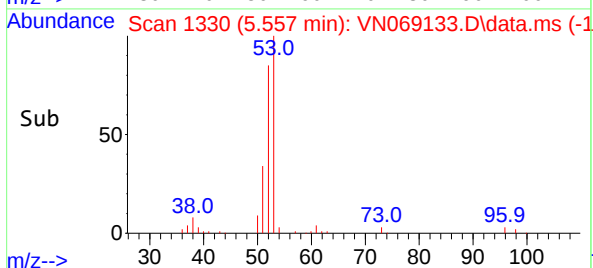
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

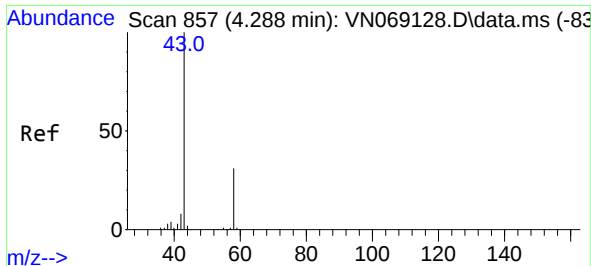


#14
Acrylonitrile
Concen: 107.891 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45



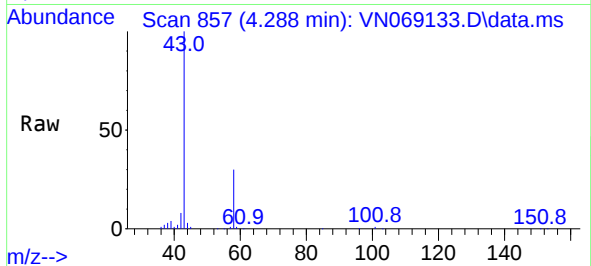
Tgt Ion: 53 Resp: 191316
Ion Ratio Lower Upper
53 100
52 84.7 41.8 125.4
51 36.9 19.0 57.0





#15
Acetone
Concen: 108.005 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

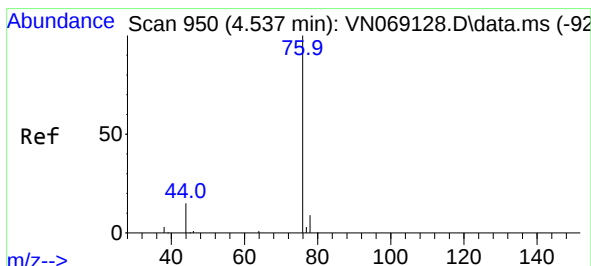
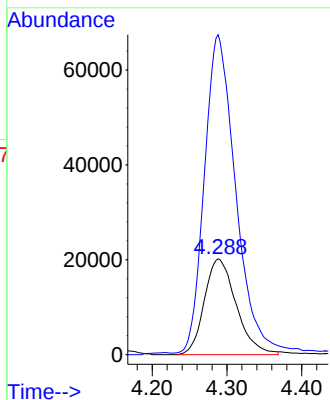
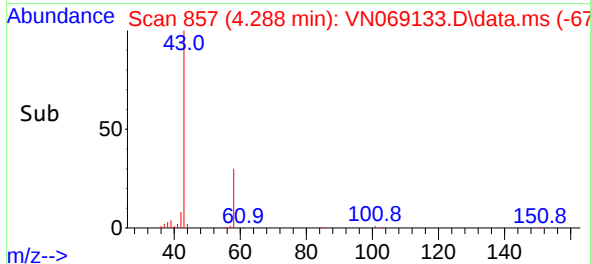
Instrument :
MSVOA_N
Client Sample Id :
ICVVN102221



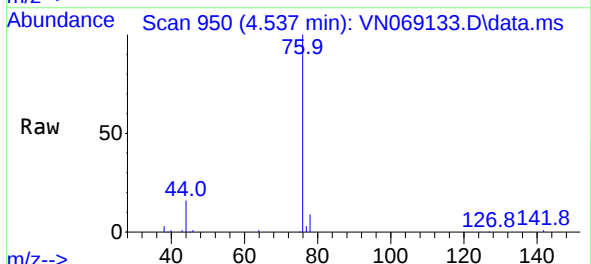
Tgt Ion: 58 Resp: 59869
Ion Ratio Lower Upper
58 100
43 331.9 256.6 384.8

Manual Integrations
APPROVED

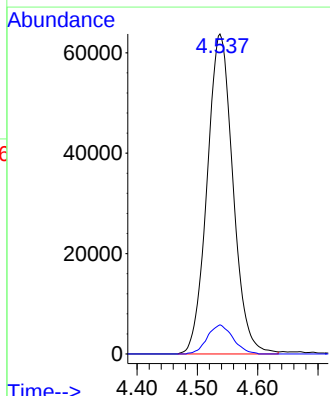
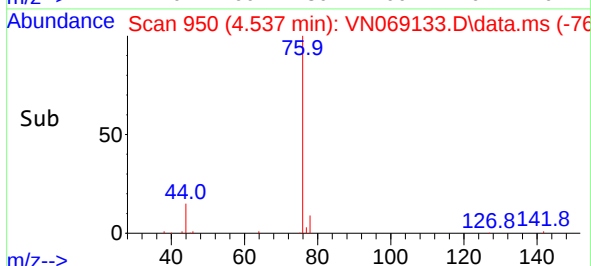
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

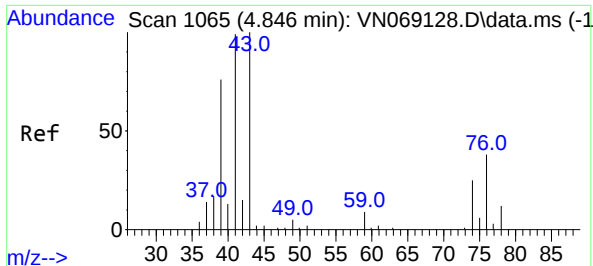


#16
Carbon Disulfide
Concen: 21.549 ug/l
RT: 4.537 min Scan# 950
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45



Tgt Ion: 76 Resp: 190000
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8





#17
 Allyl chloride
 Concen: 21.337 ug/l
 RT: 4.849 min Scan# 1065
 Delta R.T. 0.003 min
 Lab File: VN069133.D
 Acq: 22 Oct 2021 13:45

Instrument :

MSVOA_N

ClientSampleId :

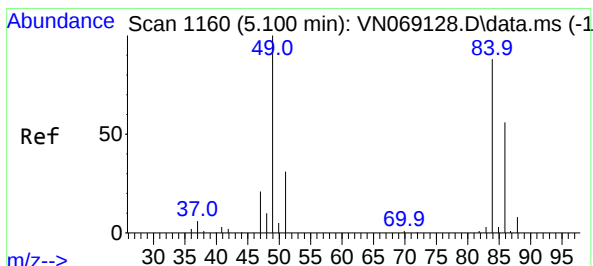
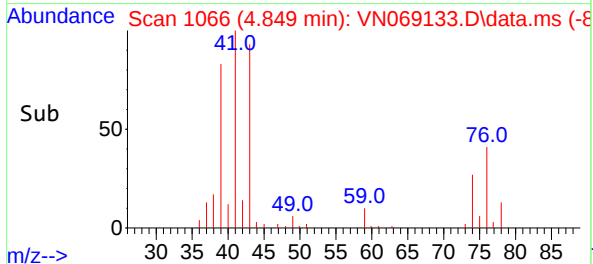
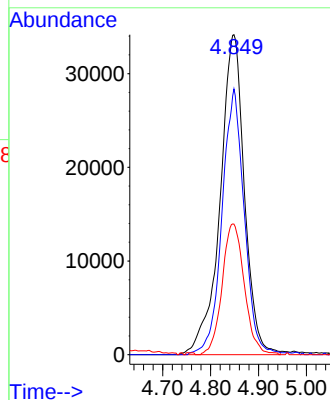
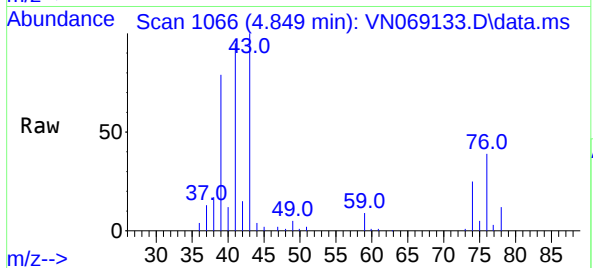
ICVVN102221

Tgt Ion: 41 Resp: 120570
 Ion Ratio Lower Upper
 41 100
 39 83.1 44.6 134.0
 76 40.8 19.6 58.7

Manual Integrations

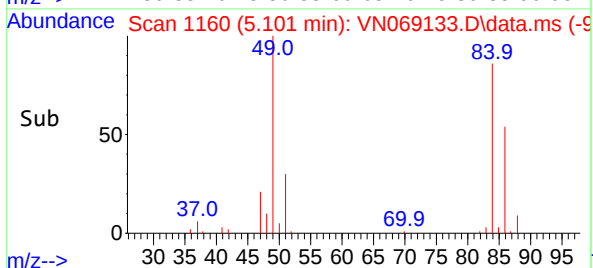
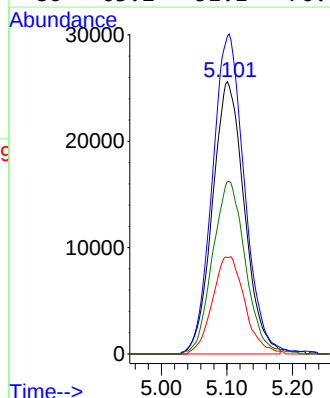
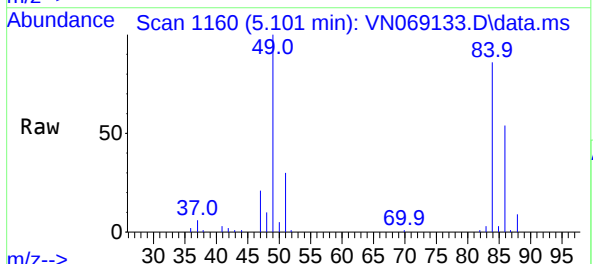
APPROVED

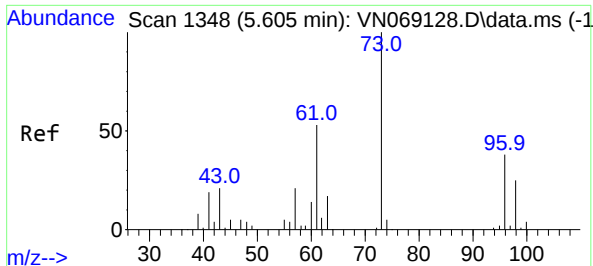
Reviewed By :John Carlone 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#18
 Methylene Chloride
 Concen: 22.165 ug/l
 RT: 5.101 min Scan# 1160
 Delta R.T. 0.000 min
 Lab File: VN069133.D
 Acq: 22 Oct 2021 13:45

Tgt Ion: 84 Resp: 86429
 Ion Ratio Lower Upper
 84 100
 49 116.6 91.4 137.0
 51 35.4 29.4 44.0
 86 63.2 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 21.622 ug/l

RT: 5.602 min Scan# 11

Delta R.T. -0.003 min

Lab File: VN069133.D

Acq: 22 Oct 2021 13:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102221

Tgt Ion: 96 Resp: 77040

Ion Ratio Lower Upper

96 100

61 137.1 102.8 154.2

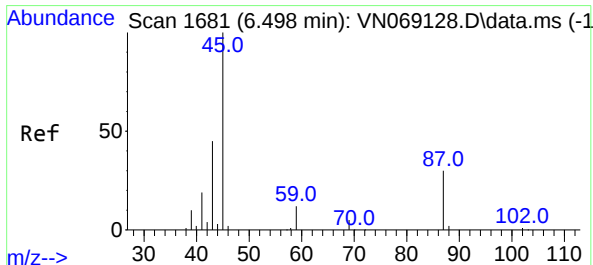
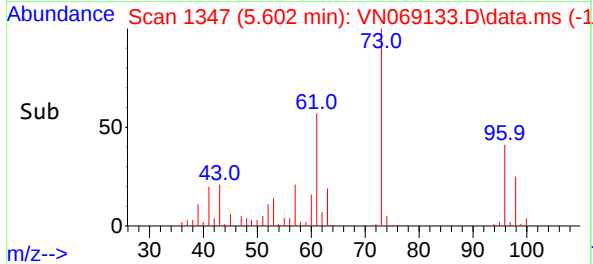
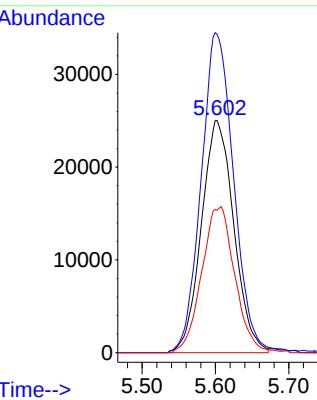
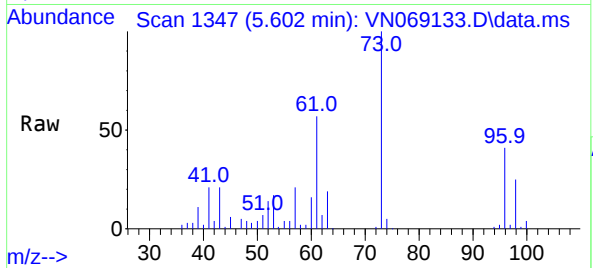
98 61.3 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#20

Diisopropyl ether

Concen: 21.419 ug/l

RT: 6.495 min Scan# 1680

Delta R.T. -0.003 min

Lab File: VN069133.D

Acq: 22 Oct 2021 13:45

Tgt Ion: 45 Resp: 258540

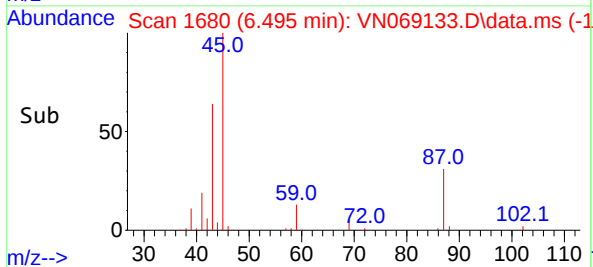
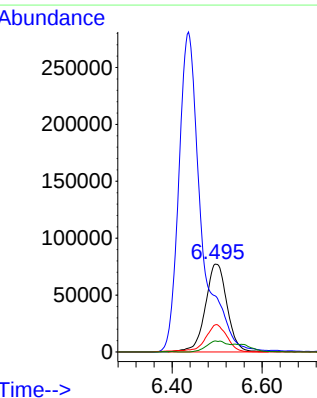
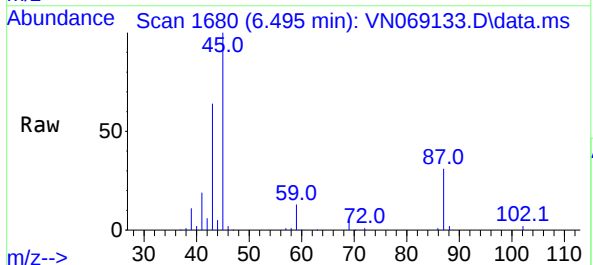
Ion Ratio Lower Upper

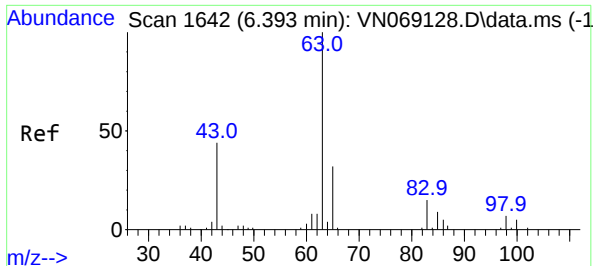
45 100

43 62.3 51.0 76.4

87 30.9 25.0 37.4

59 12.2 8.7 13.1





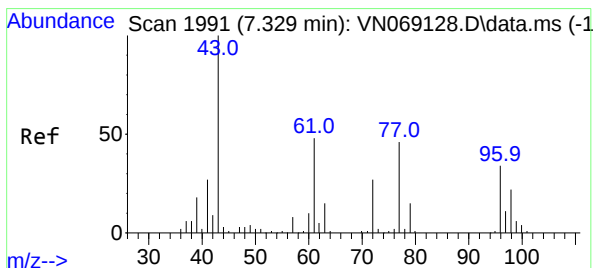
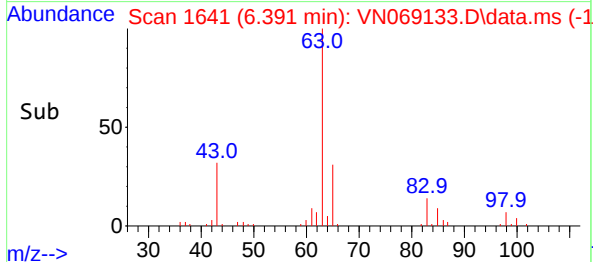
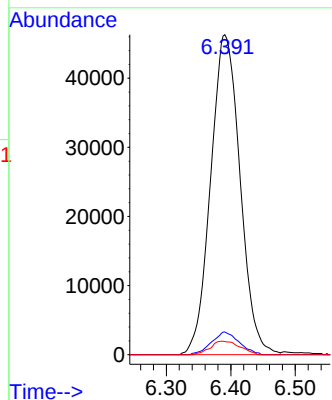
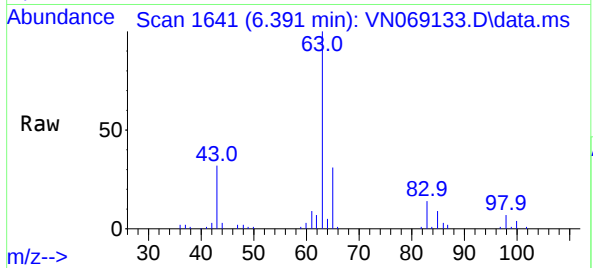
#21
1,1-Dichloroethane
Concen: 21.787 ug/l
RT: 6.391 min Scan# 1642
Delta R.T. -0.003 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221

Tgt Ion: 63 Resp: 146785
Ion Ratio Lower Upper
63 100
98 7.1 3.2 9.6
100 4.1 2.1 6.2

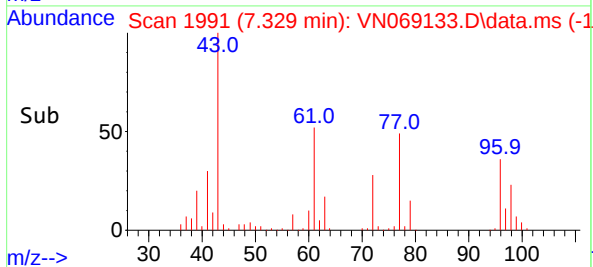
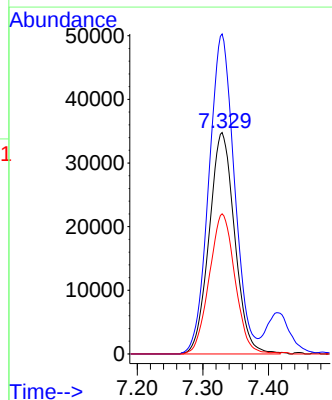
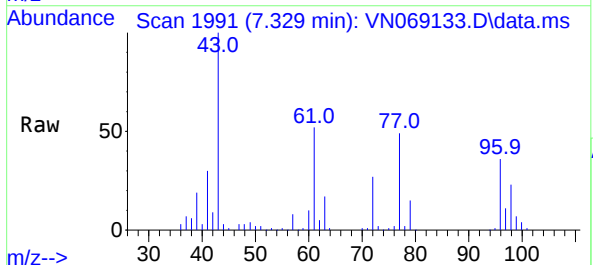
Manual Integrations
APPROVED

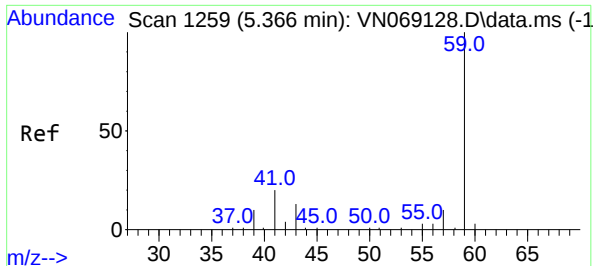
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#22
cis-1,2-Dichloroethene
Concen: 22.039 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Tgt Ion: 96 Resp: 94125
Ion Ratio Lower Upper
96 100
61 144.3 115.7 173.5
98 63.7 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 109.817 ug/l

RT: 5.363 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VN069133.D

Acq: 22 Oct 2021 13:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102221

Tgt Ion: 59 Resp: 7989

Ion Ratio Lower Upper

59 100

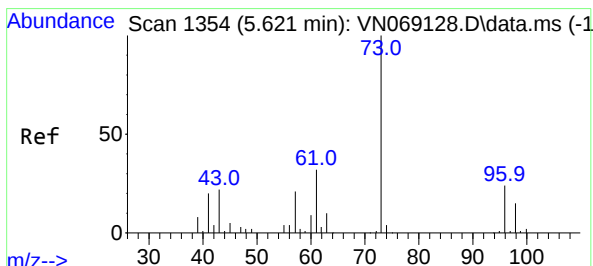
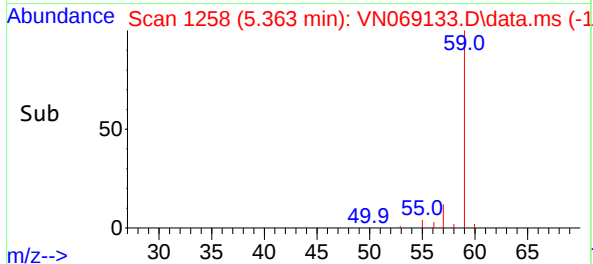
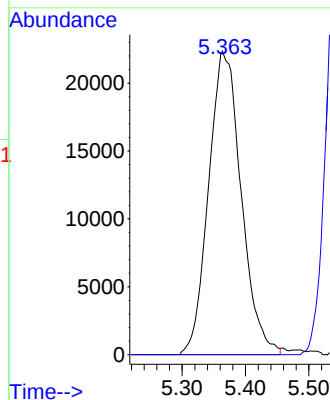
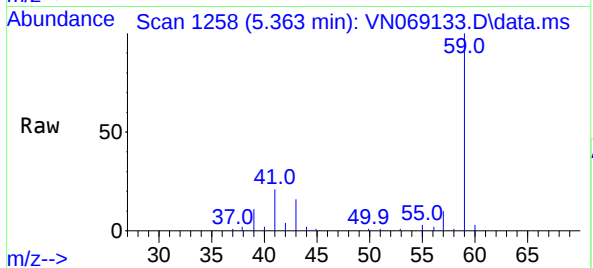
52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#24

Methyl tert-Butyl Ether

Concen: 21.518 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. -0.003 min

Lab File: VN069133.D

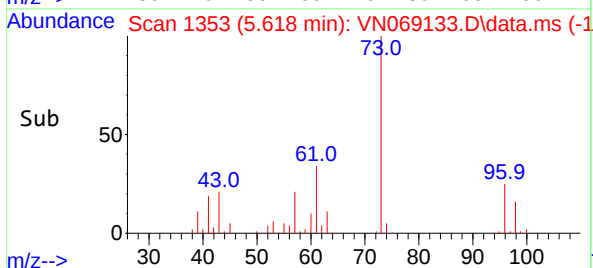
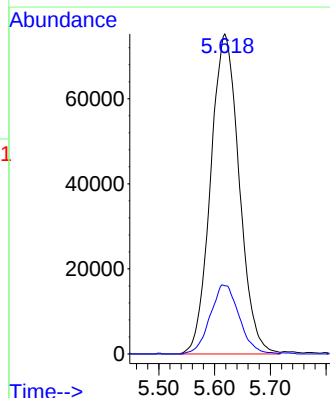
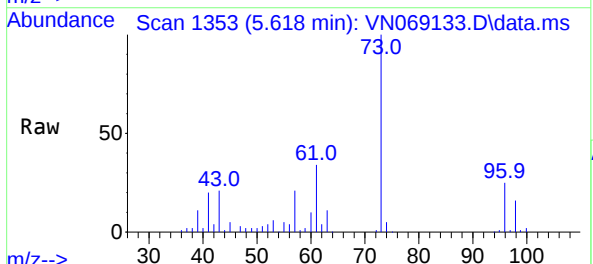
Acq: 22 Oct 2021 13:45

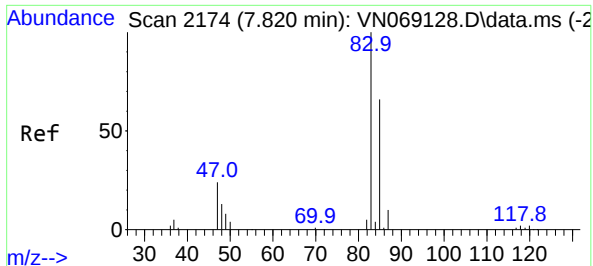
Tgt Ion: 73 Resp: 267809

Ion Ratio Lower Upper

73 100

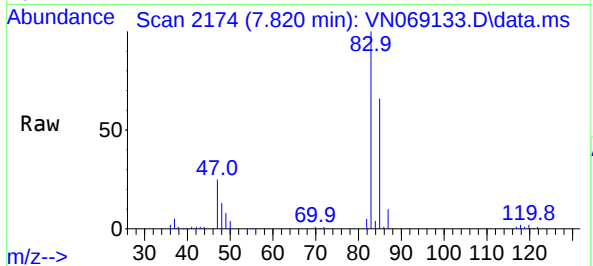
43 21.8 18.1 27.1





#25
Chloroform
Concen: 21.670 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

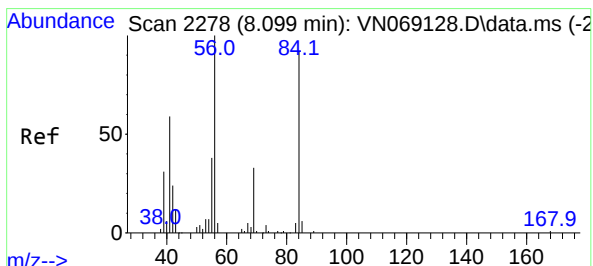
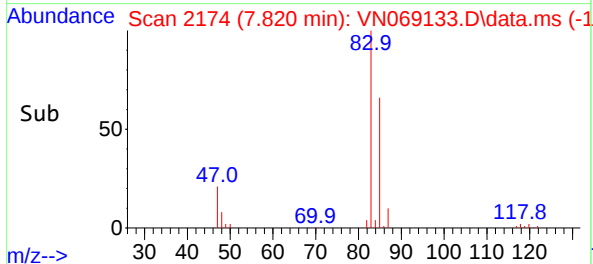
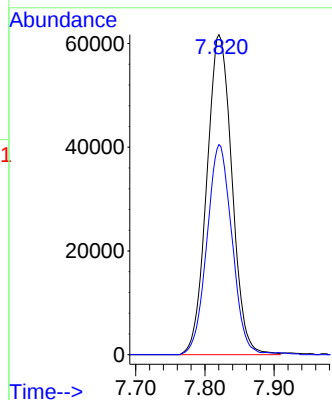
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221



Tgt Ion: 83 Resp: 15601
Ion Ratio Lower Upper
83 100
85 65.7 51.3 76.9

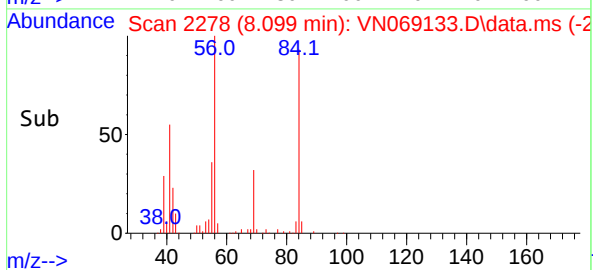
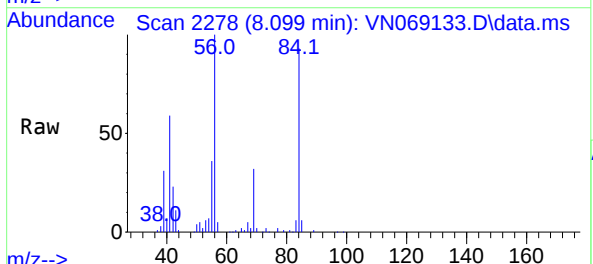
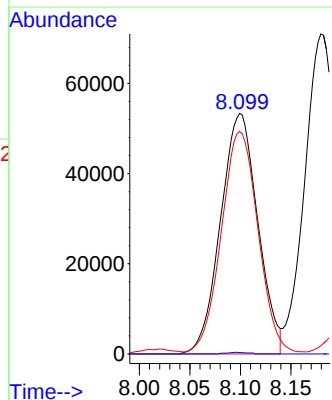
Manual Integrations
APPROVED

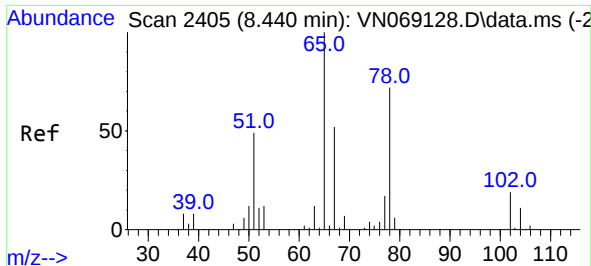
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#26
Cyclohexane
Concen: 22.040 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

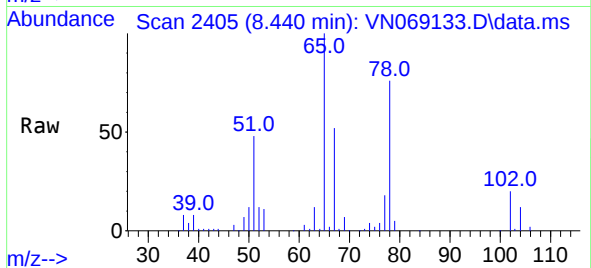
Tgt Ion: 56 Resp: 136774
Ion Ratio Lower Upper
56 100
89 0.3 0.1 0.1#
84 89.8 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 30.829 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

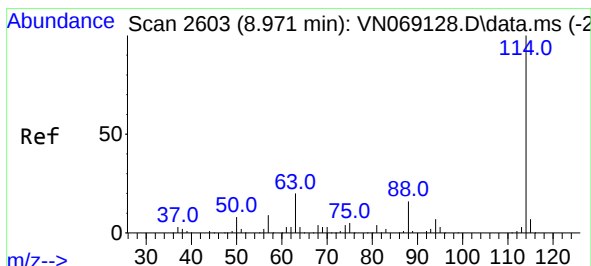
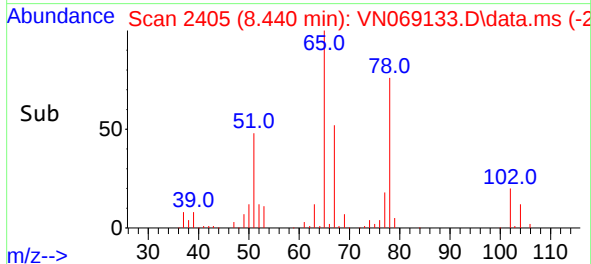
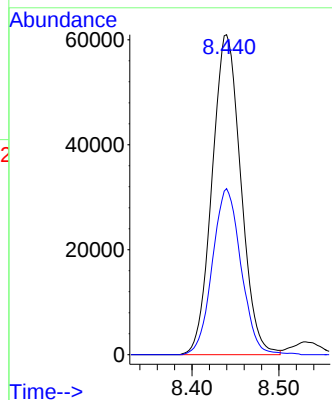
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221



Tgt Ion: 65 Resp: 140098
Ion Ratio Lower Upper
65 100
67 51.7 40.2 60.2

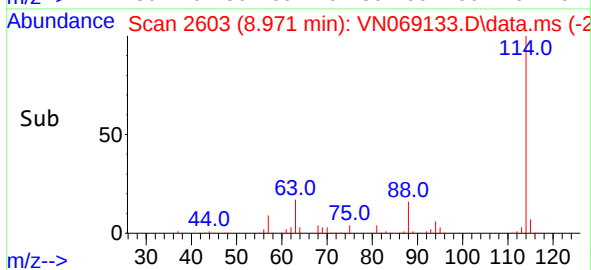
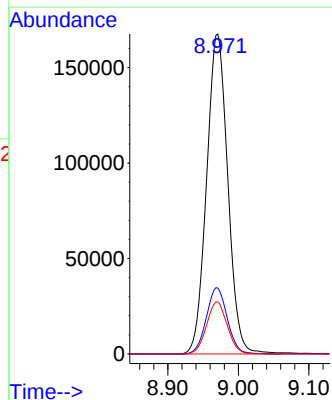
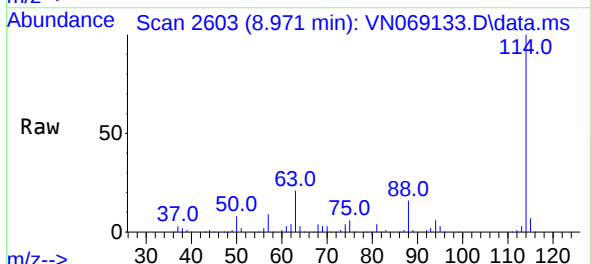
Manual Integrations
APPROVED

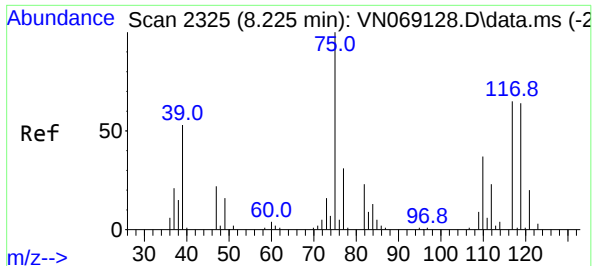
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Tgt Ion:114 Resp: 350262
Ion Ratio Lower Upper
114 100
63 20.4 15.8 23.6
88 15.9 11.6 17.4





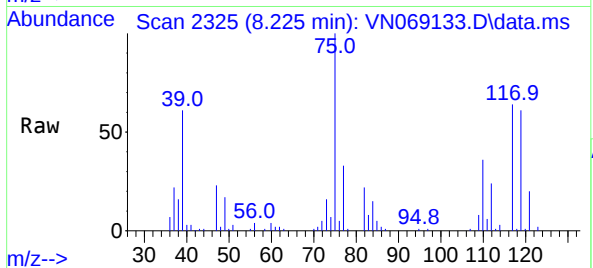
#29
1,1-Dichloropropene
Concen: 20.895 ug/l
RT: 8.225 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102221



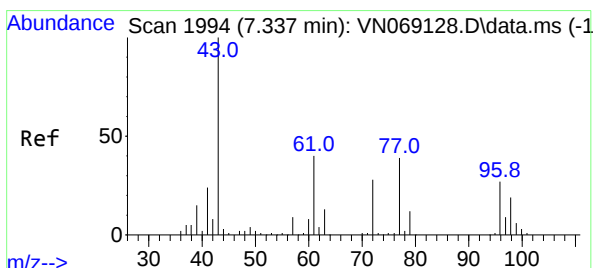
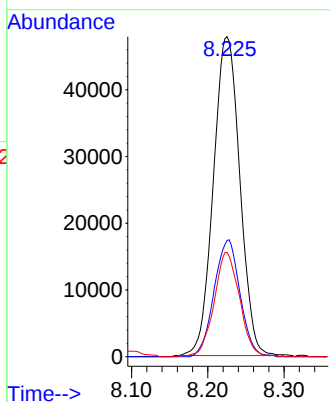
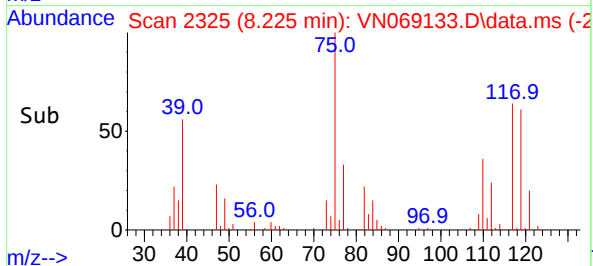
Tgt Ion: 75 Resp: 11517
Ion Ratio Lower Upper
75 100
110 35.9 0.0 74.2
77 30.9 0.0 63.2

Manual Integrations

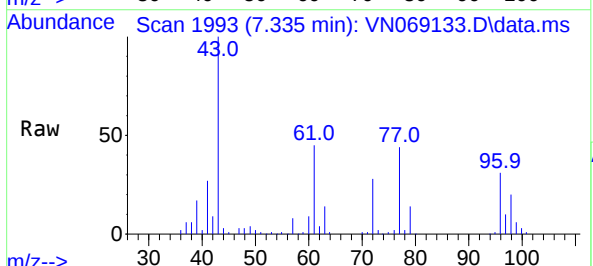
APPROVED

Reviewed By :John Carlone 10/25/2021

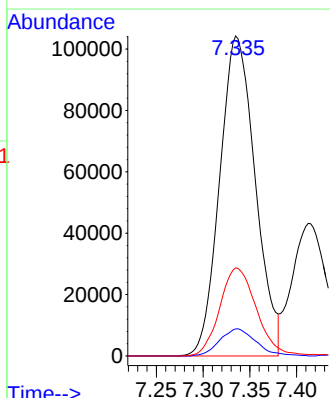
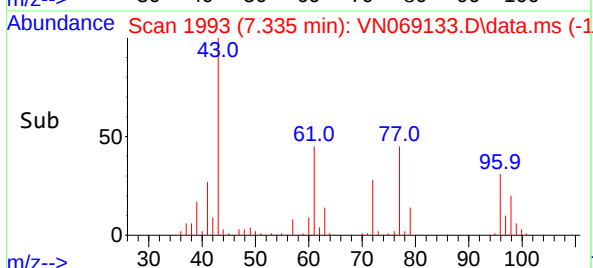
Supervised By :Mahesh Dadoda 10/25/2021

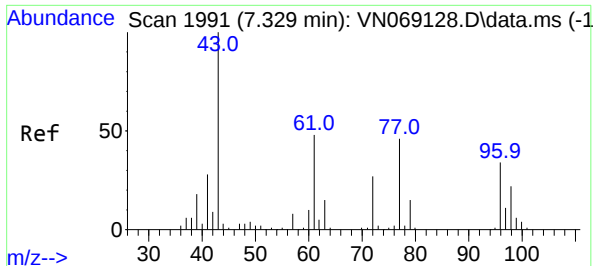


#30
2-Butanone
Concen: 104.300 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45



Tgt Ion: 43 Resp: 276058
Ion Ratio Lower Upper
43 100
57 8.7 6.7 10.1
72 28.4 23.2 34.8





#31
2,2-Dichloropropane
Concen: 21.200 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :

MSVOA_N

ClientSampleId :

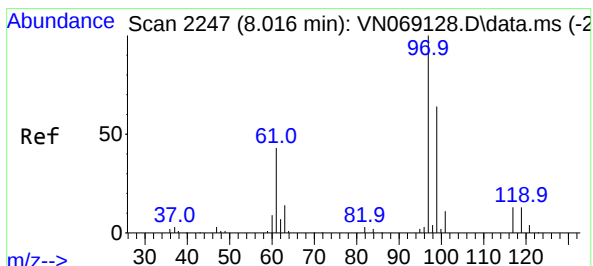
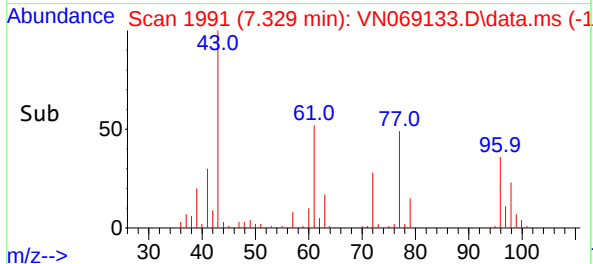
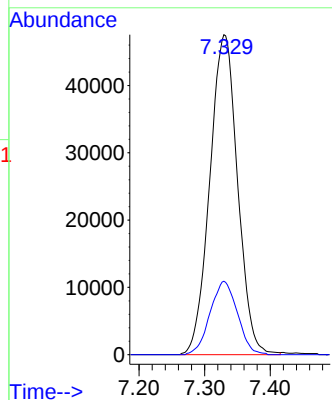
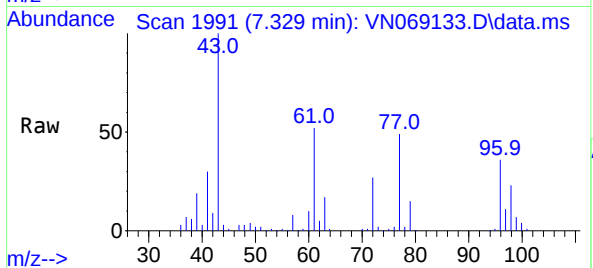
ICVVN102221

Tgt Ion: 77 Resp: 140000
Ion Ratio Lower Upper
77 100
97 22.6 18.3 27.5

Manual Integrations

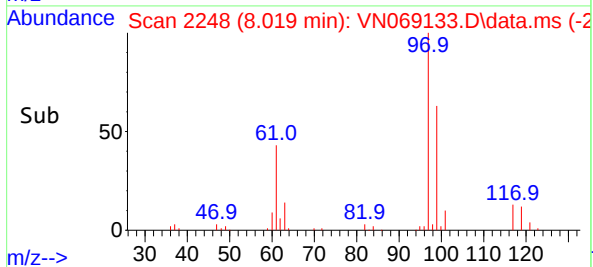
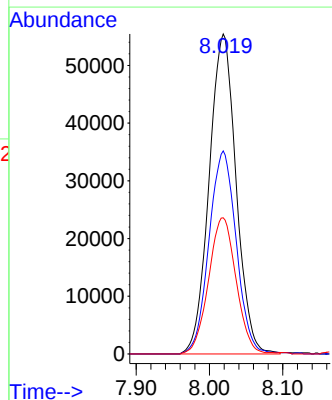
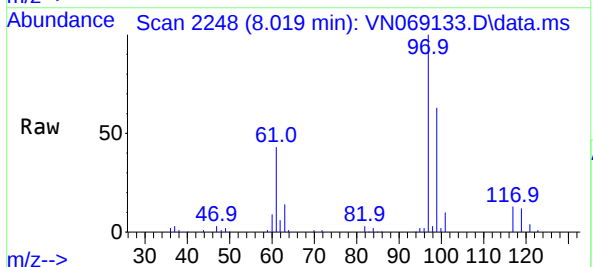
APPROVED

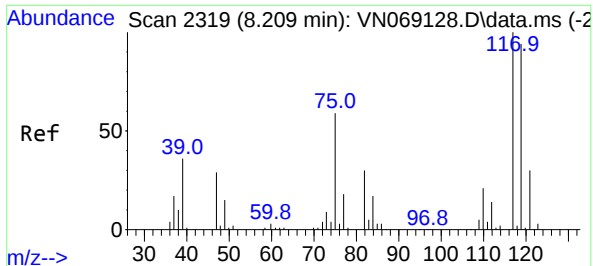
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#32
1,1,1-Trichloroethane
Concen: 20.681 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. 0.003 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

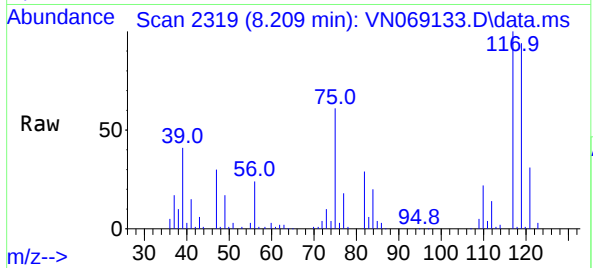
Tgt Ion: 97 Resp: 141840
Ion Ratio Lower Upper
97 100
99 64.1 50.4 75.6
61 43.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.848 ug/l
RT: 8.209 min Scan# 2145
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

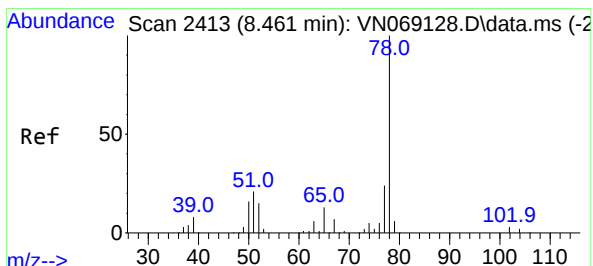
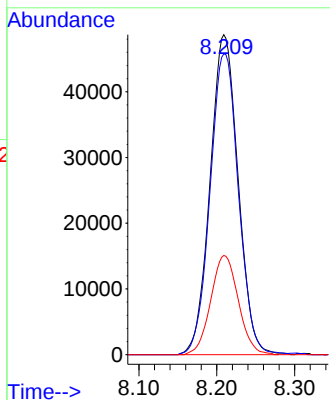
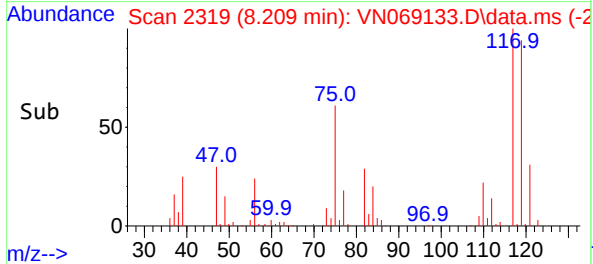
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221



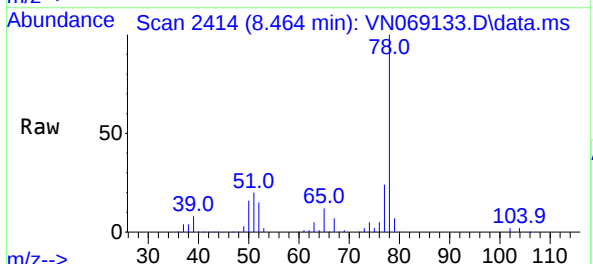
Tgt Ion:117 Resp: 12145
Ion Ratio Lower Upper
117 100
119 94.0 77.5 116.3
121 31.0 23.5 35.3

Manual Integrations
APPROVED

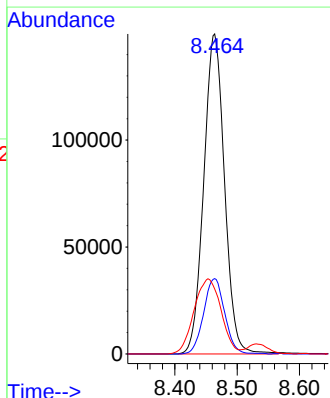
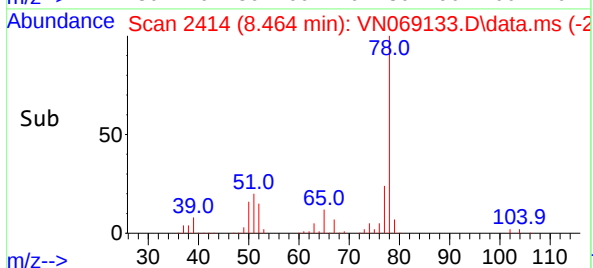
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

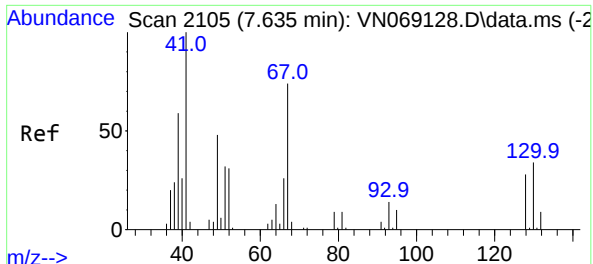


#34
Benzene
Concen: 21.037 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45



Tgt Ion: 78 Resp: 346265
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7
51 19.9 16.0 24.0





#35

Methacrylonitrile

Concen: 19.946 ug/l

RT: 7.638 min Scan# 2105

Delta R.T. 0.003 min

Lab File: VN069133.D

Acq: 22 Oct 2021 13:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102221

Tgt Ion: 41 Resp: 5261

Ion Ratio Lower Upper

41 100

39 55.5 28.0 83.9

67 73.7 37.7 113.1

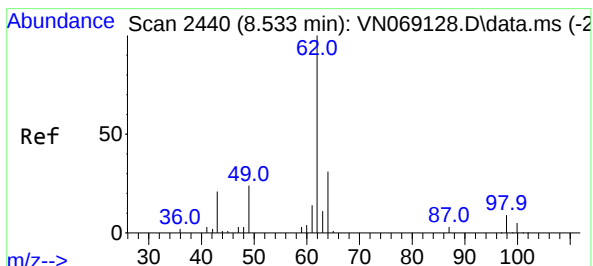
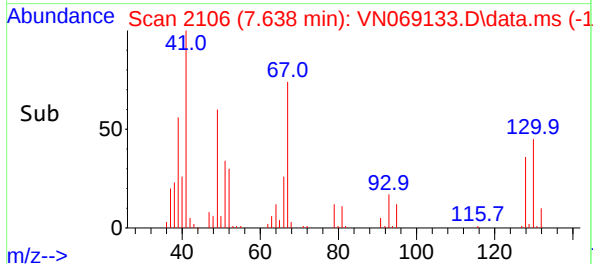
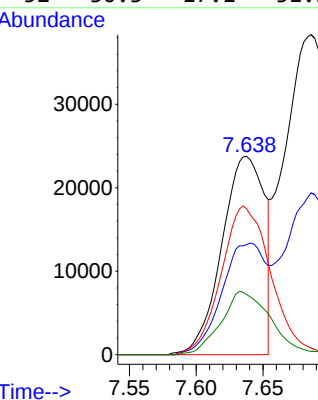
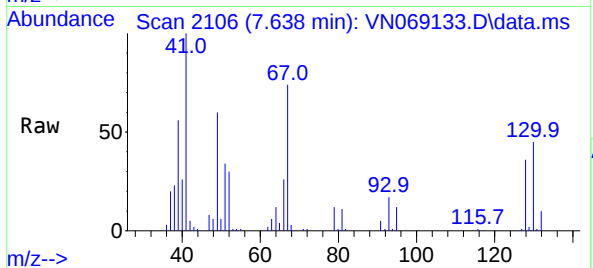
52 30.3 17.1 51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#36

1,2-Dichloroethane

Concen: 20.871 ug/l

RT: 8.534 min Scan# 2440

Delta R.T. 0.000 min

Lab File: VN069133.D

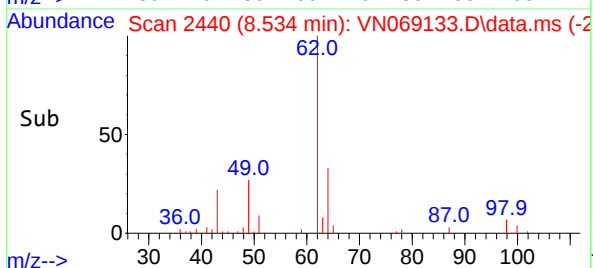
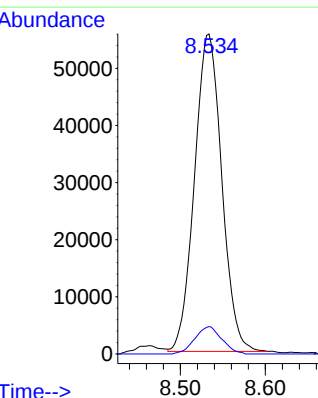
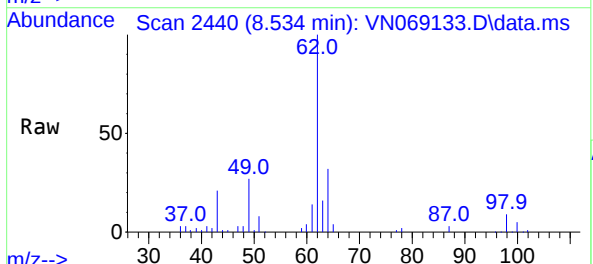
Acq: 22 Oct 2021 13:45

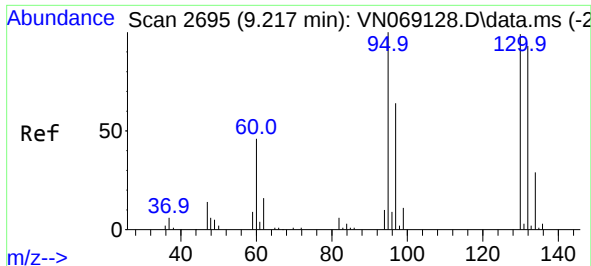
Tgt Ion: 62 Resp: 123986

Ion Ratio Lower Upper

62 100

98 8.5 6.6 10.0





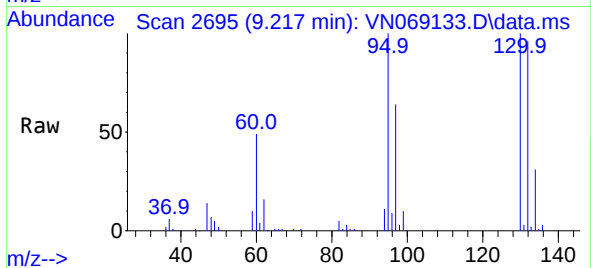
#37
Trichloroethene
Concen: 21.027 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102221

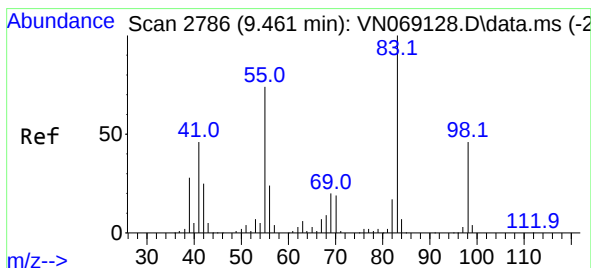
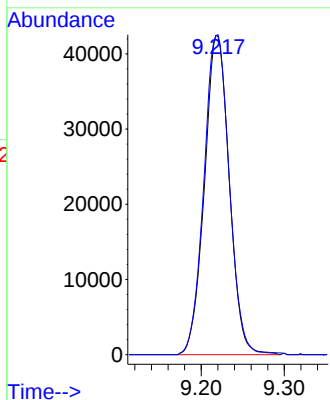
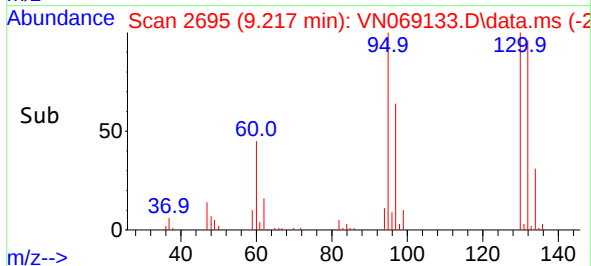


Tgt Ion:130 Resp: 8800
Ion Ratio Lower Upper
130 100
95 100.0 76.6 115.0

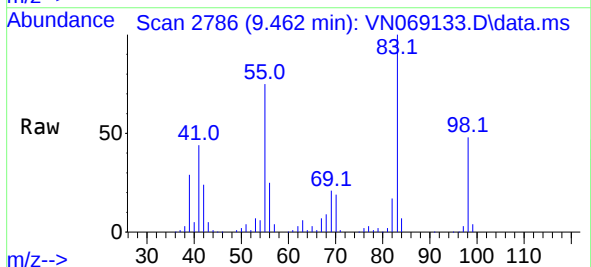
Manual Integrations

APPROVED

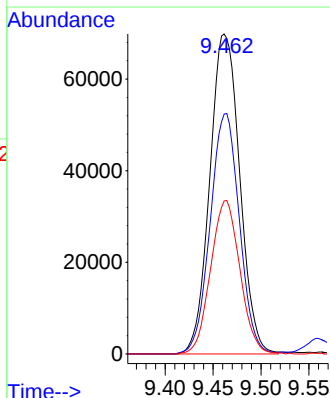
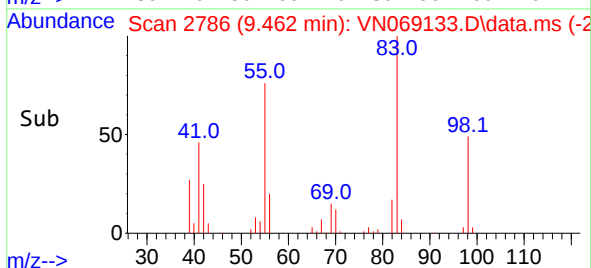
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

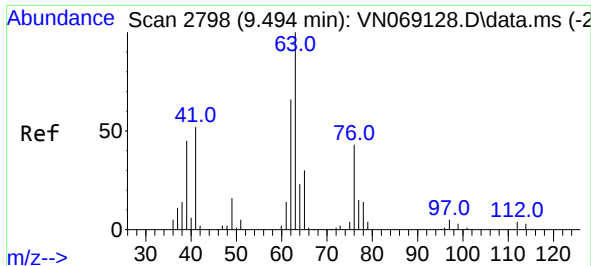


#38
Methylcyclohexane
Concen: 21.631 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45



Tgt Ion: 83 Resp: 151792
Ion Ratio Lower Upper
83 100
55 73.1 35.1 105.3
98 46.9 23.4 70.2





#39

1,2-Dichloropropane

Concen: 20.900 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069133.D

Acq: 22 Oct 2021 13:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102221

Tgt Ion: 63 Resp: 8772

Ion Ratio Lower Upper

63 100

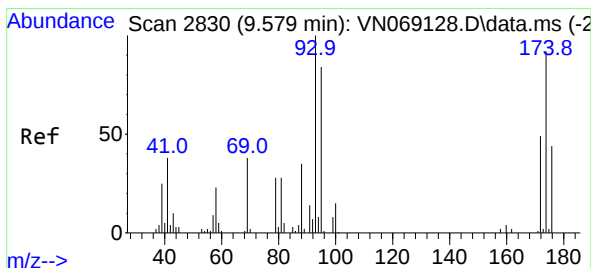
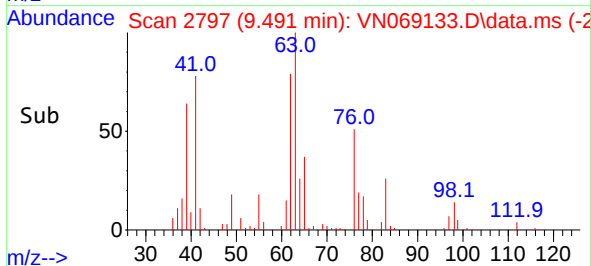
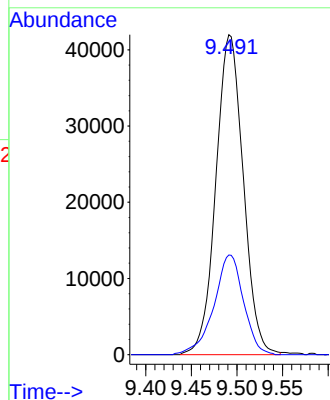
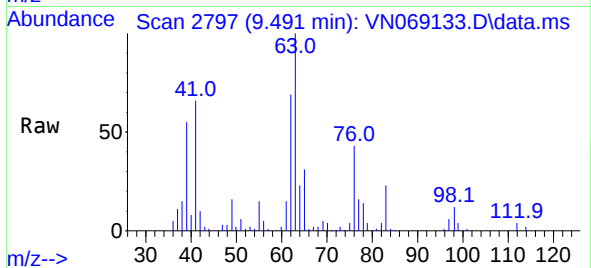
65 31.2 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#40

Dibromomethane

Concen: 21.024 ug/l

RT: 9.580 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VN069133.D

Acq: 22 Oct 2021 13:45

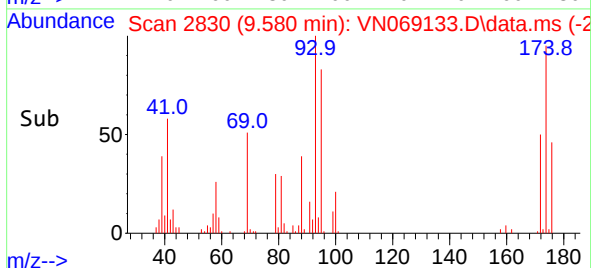
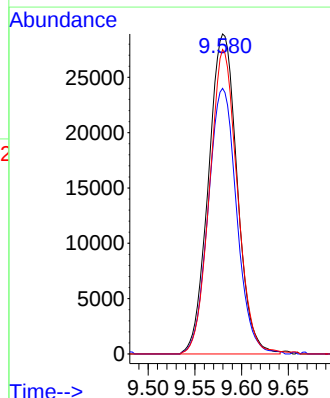
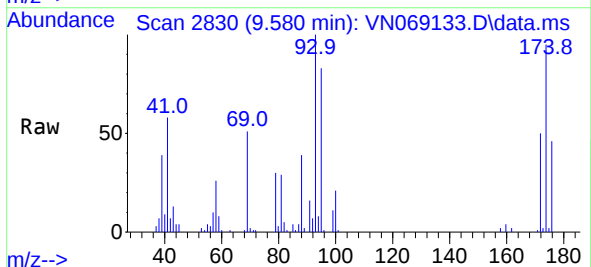
Tgt Ion: 93 Resp: 61694

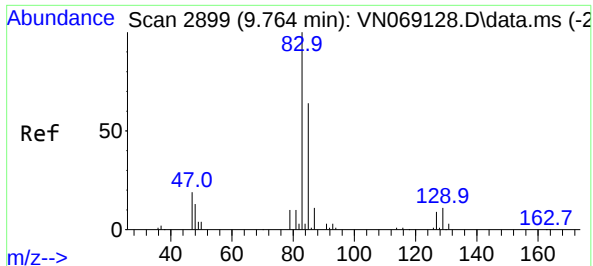
Ion Ratio Lower Upper

93 100

95 82.3 0.0 168.8

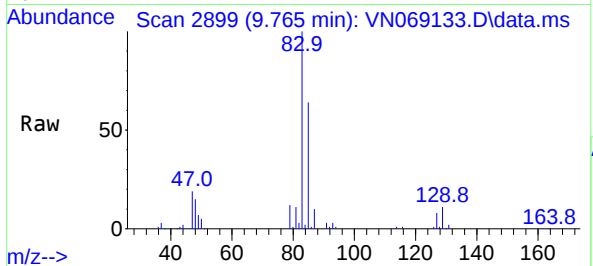
174 91.9 0.0 173.6





#41
Bromodichloromethane
Concen: 20.813 ug/l
RT: 9.765 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

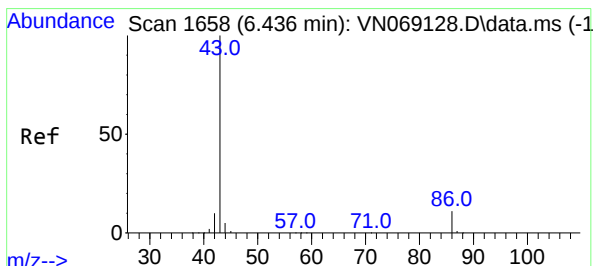
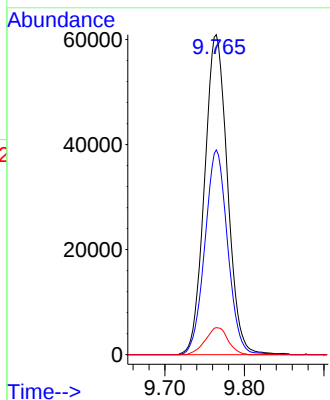
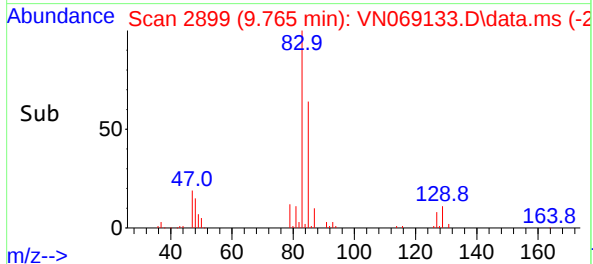
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221



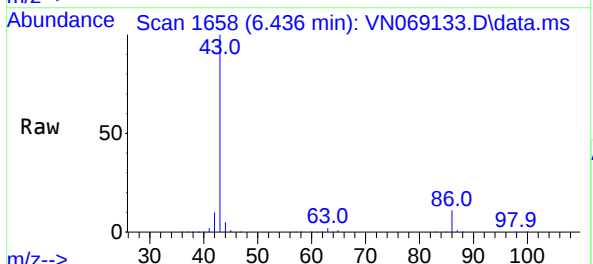
Tgt Ion: 83 Resp: 122040
Ion Ratio Lower Upper
83 100
85 64.0 54.1 81.1
127 8.4 7.6 11.4

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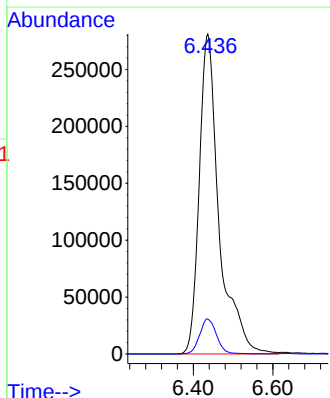
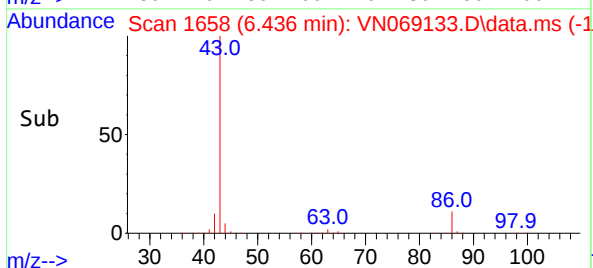
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

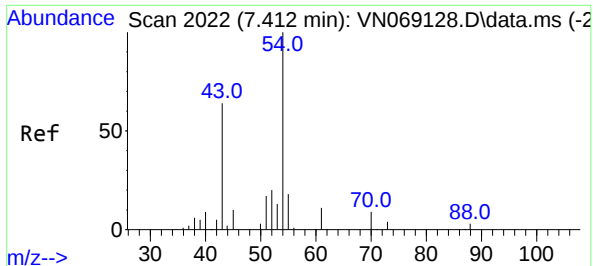


#42
Vinyl Acetate
Concen: 103.126 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45



Tgt Ion: 43 Resp: 973949
Ion Ratio Lower Upper
43 100
86 9.3 7.5 11.3





#43
Ethyl Acetate
Concen: 21.328 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :

MSVOA_N

ClientSampleId :

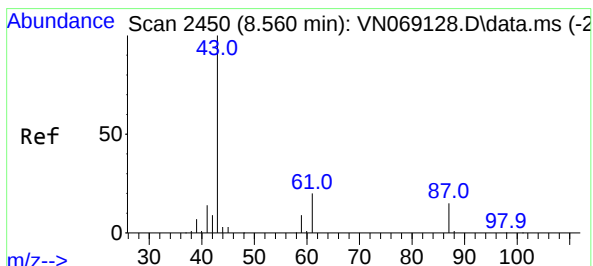
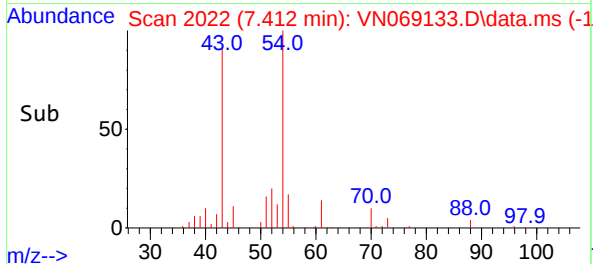
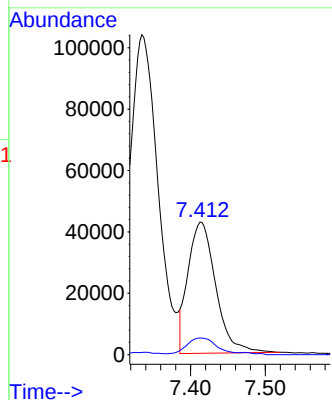
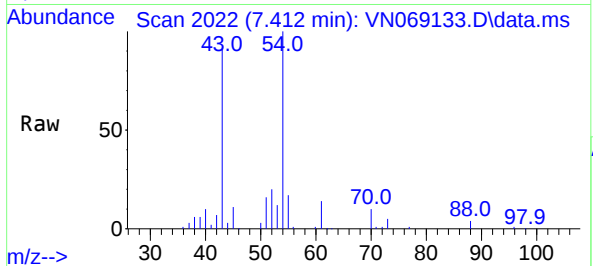
ICVVN102221

Tgt Ion: 43 Resp: 110120
Ion Ratio Lower Upper
43 100
45 12.3 10.6 16.0

Manual Integrations

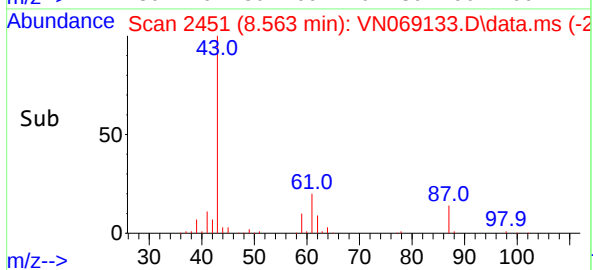
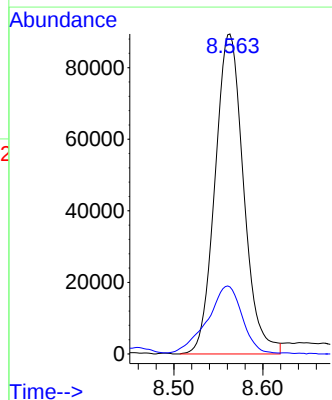
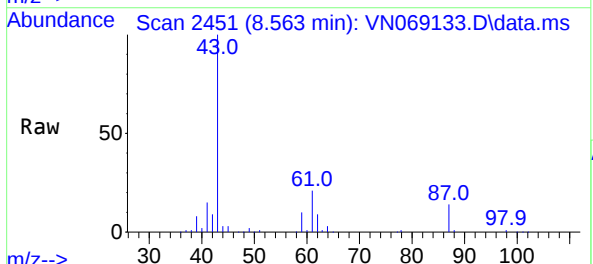
APPROVED

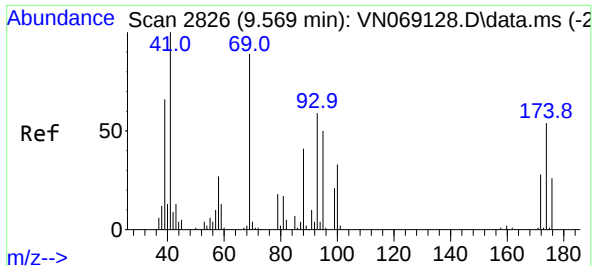
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#44
Isopropyl Acetate
Concen: 20.832 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Tgt Ion: 43 Resp: 199157
Ion Ratio Lower Upper
43 100
61 25.2 20.1 30.1





#45

1,4-Dioxane

Concen: 426.784 ug/l

RT: 9.569 min Scan# 2826

Delta R.T. 0.000 min

Lab File: VN069133.D

Acq: 22 Oct 2021 13:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102221

Tgt Ion: 88 Resp: 32654

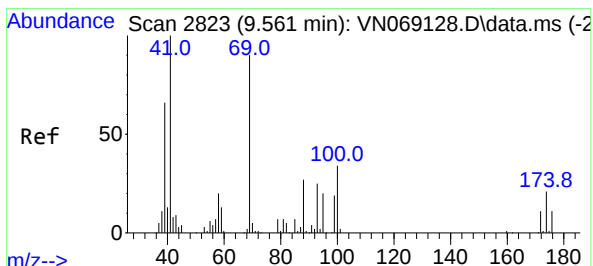
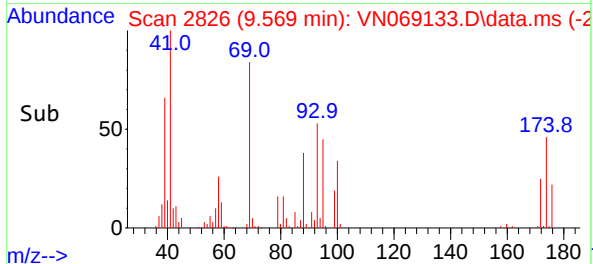
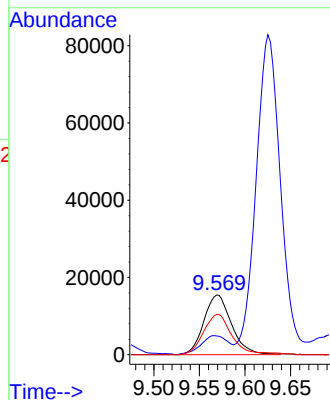
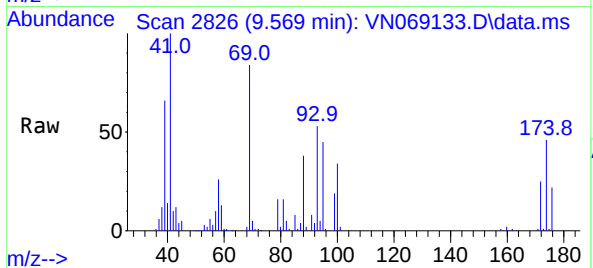
Ion	Ratio	Lower	Upper
88	100		
43	31.4	25.0	37.6
58	67.6	49.4	74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#46

Methyl methacrylate

Concen: 19.511 ug/l

RT: 9.561 min Scan# 2823

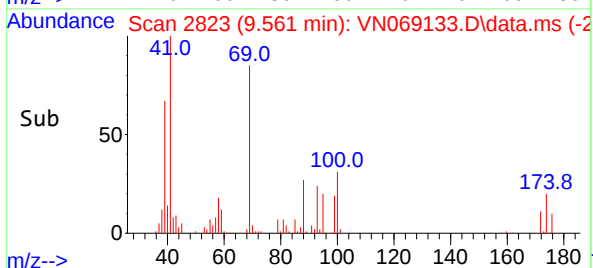
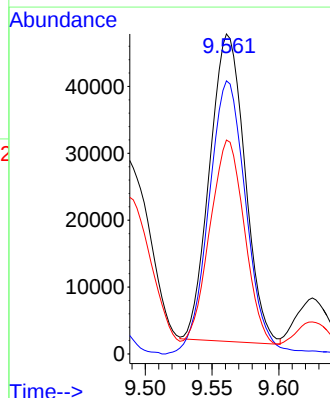
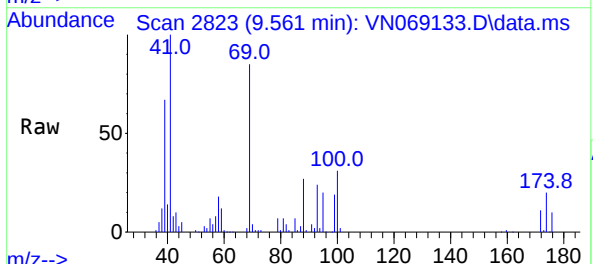
Delta R.T. 0.000 min

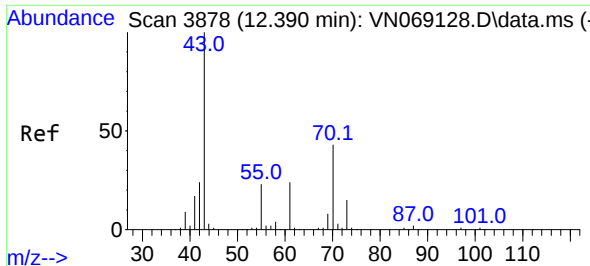
Lab File: VN069133.D

Acq: 22 Oct 2021 13:45

Tgt Ion: 41 Resp: 84317

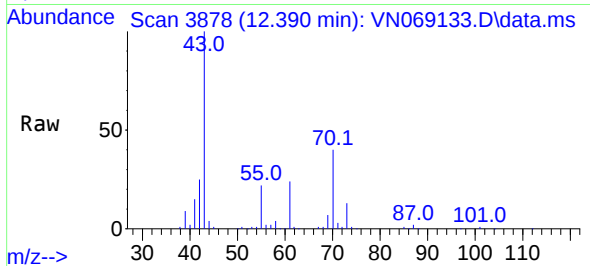
Ion	Ratio	Lower	Upper
41	100		
69	87.7	44.4	133.2
39	66.8	39.9	119.6





#47
n-amy1 Acetate
Concen: 20.413 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

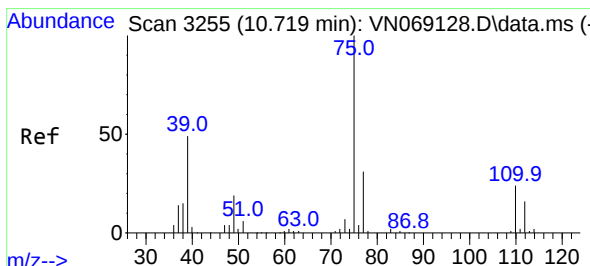
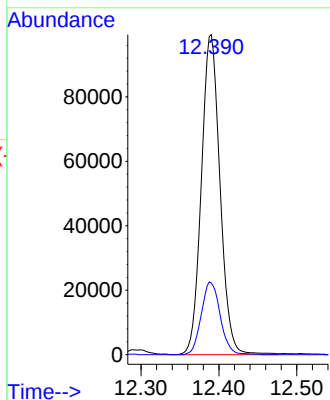
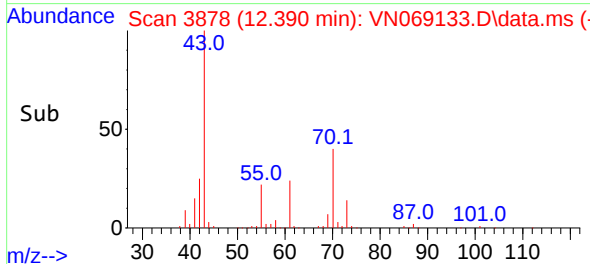
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221



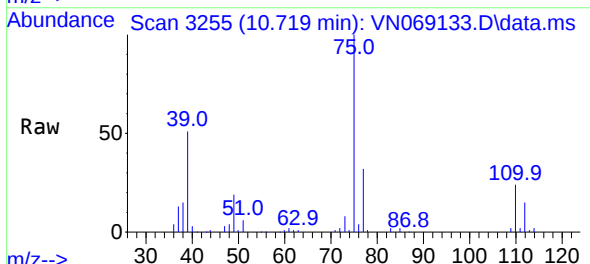
Tgt Ion: 43 Resp: 165680
Ion Ratio Lower Upper
43 100
55 23.0 19.0 28.6

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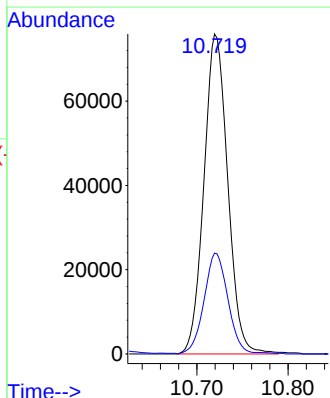
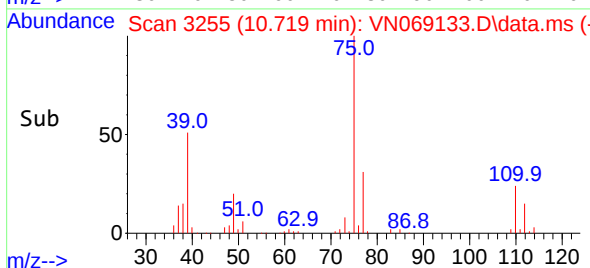
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

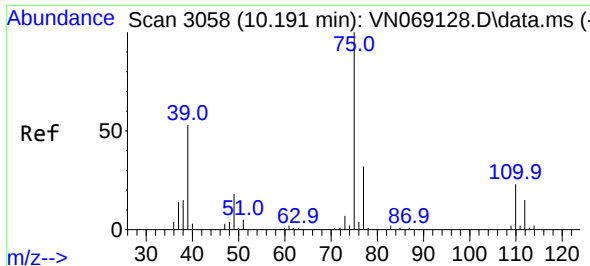


#48
t-1,3-Dichloropropene
Concen: 20.312 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45



Tgt Ion: 75 Resp: 137765
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 20.340 ug/l

RT: 10.191 min Scan# 3058

Delta R.T. 0.000 min

Lab File: VN069133.D

Acq: 22 Oct 2021 13:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102221

Tgt Ion: 75 Resp: 143650

Ion Ratio Lower Upper

75 100

77 32.9 25.3 37.9

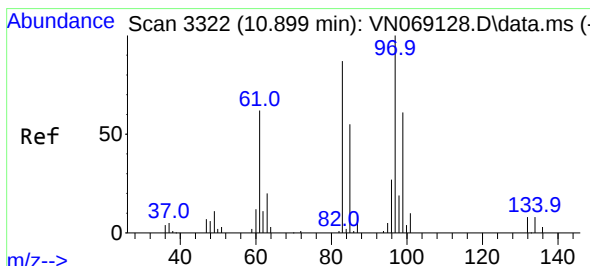
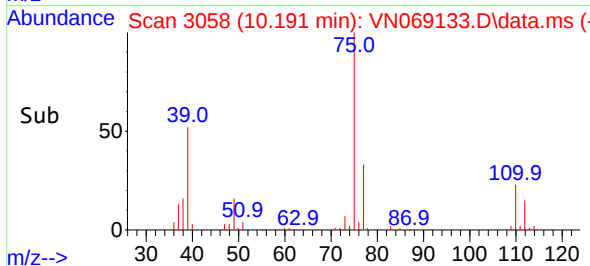
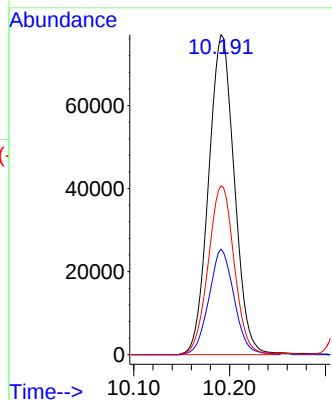
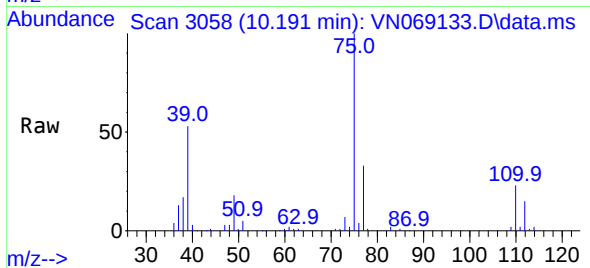
39 52.5 46.2 69.4

Manual Integrations

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Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#50

1,1,2-Trichloroethane

Concen: 20.852 ug/l

RT: 10.899 min Scan# 3322

Delta R.T. 0.000 min

Lab File: VN069133.D

Acq: 22 Oct 2021 13:45

Tgt Ion: 97 Resp: 87820

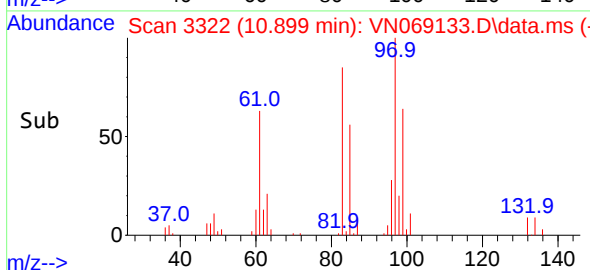
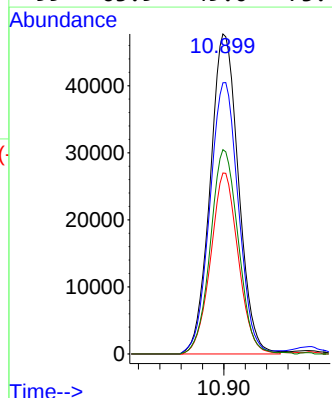
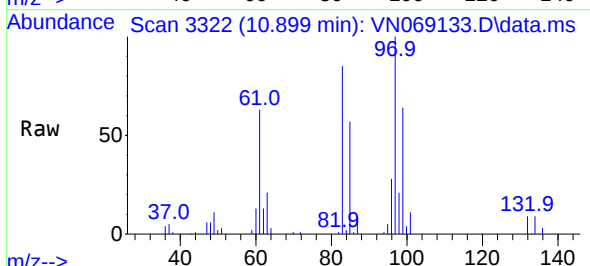
Ion Ratio Lower Upper

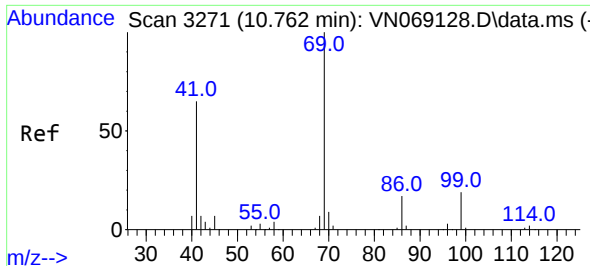
97 100

83 84.7 67.2 100.8

85 56.5 43.0 64.4

99 63.9 49.0 73.4





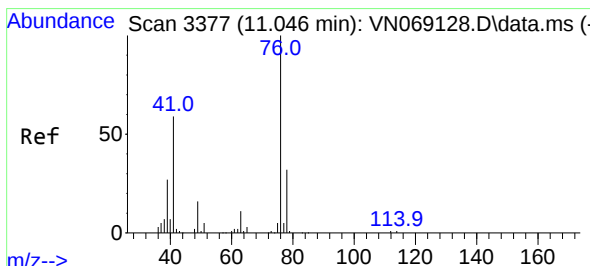
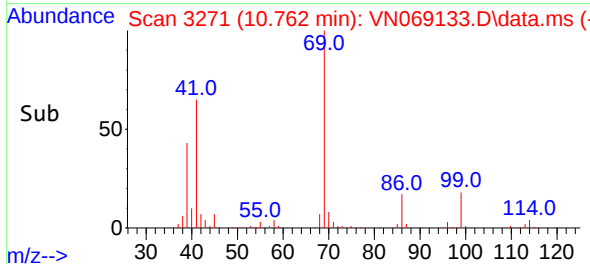
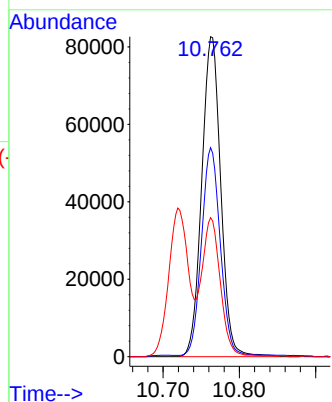
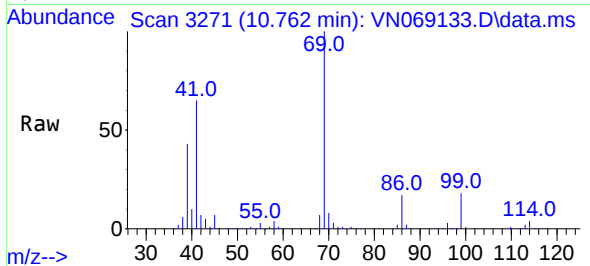
#51
Ethyl methacrylate
Concen: 20.632 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221

Tgt Ion: 69 Resp: 143235
Ion Ratio Lower Upper
69 100
41 64.9 33.0 98.9
39 43.1 25.4 76.4

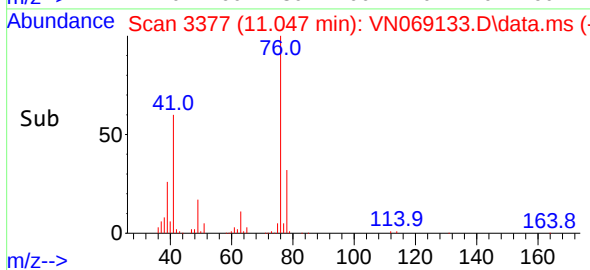
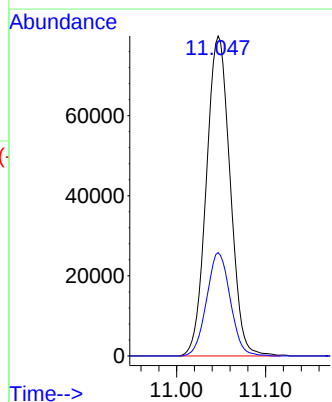
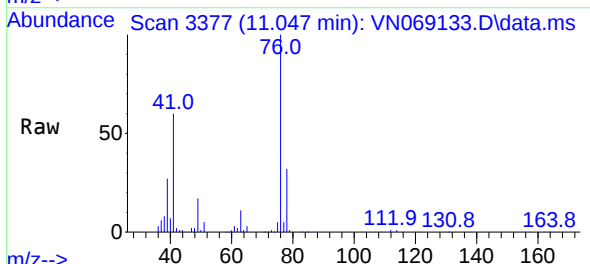
Manual Integrations
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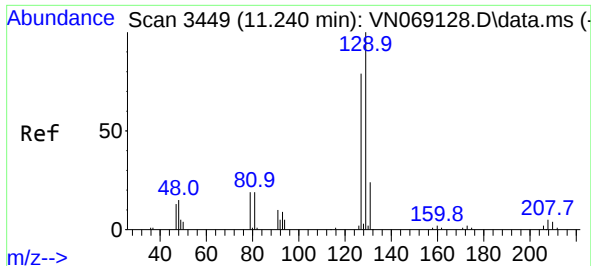
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#52
1,3-Dichloropropane
Concen: 20.875 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

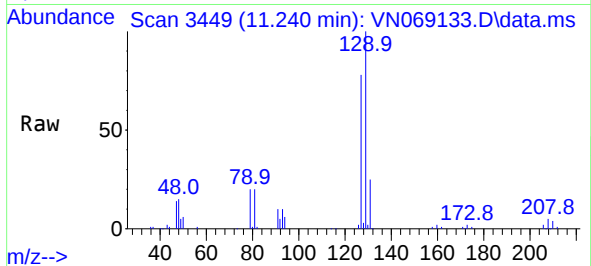
Tgt Ion: 76 Resp: 147913
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.4





#53
Dibromochloromethane
Concen: 20.175 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

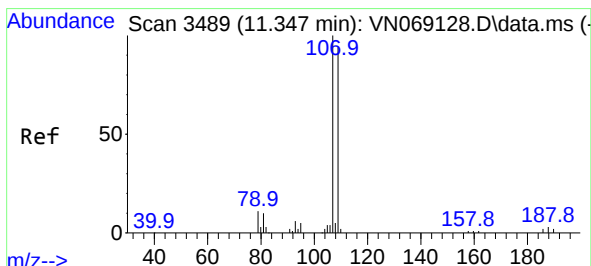
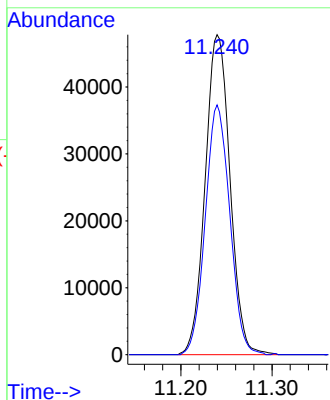
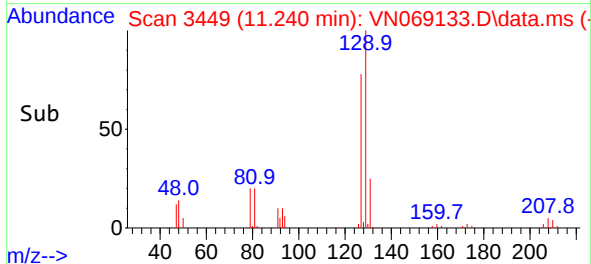
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221



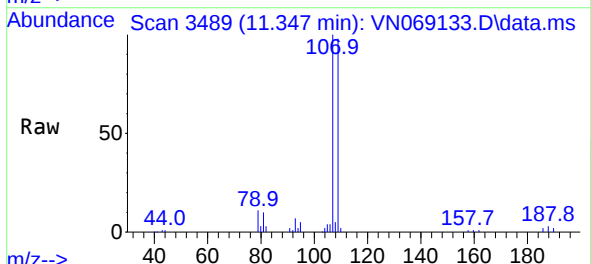
Tgt Ion:129 Resp: 9070
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

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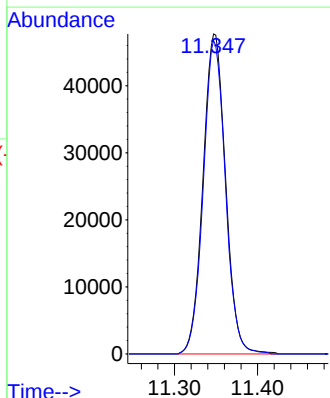
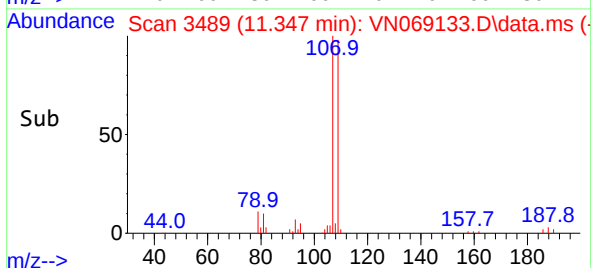
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

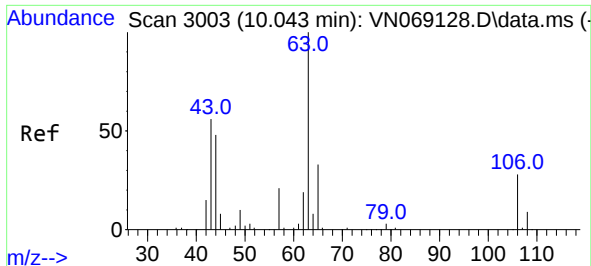


#54
1,2-Dibromoethane
Concen: 20.461 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45



Tgt Ion:107 Resp: 90085
Ion Ratio Lower Upper
107 100
109 95.7 72.8 109.2





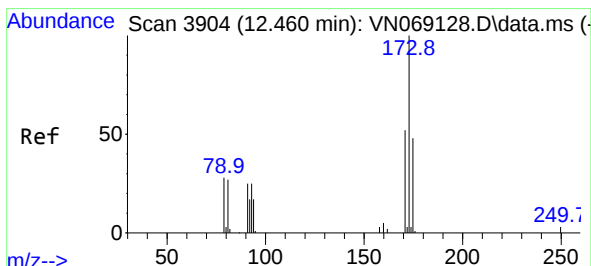
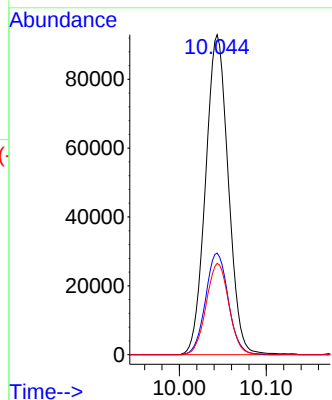
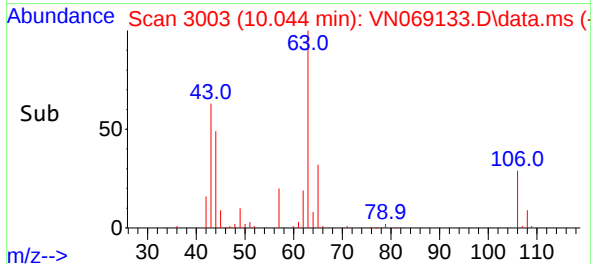
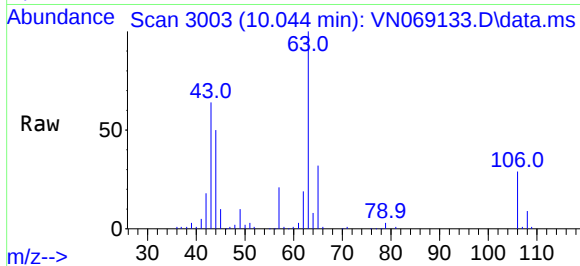
#55
2-Chloroethyl vinyl ether
Concen: 76.641 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221

Tgt Ion: 63 Resp: 168930
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.0
106 28.5 23.2 34.8

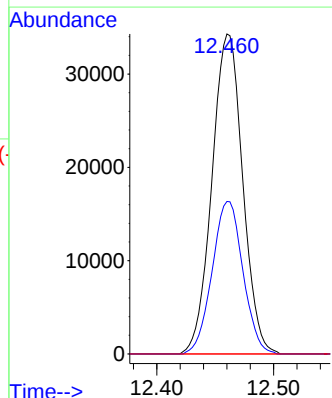
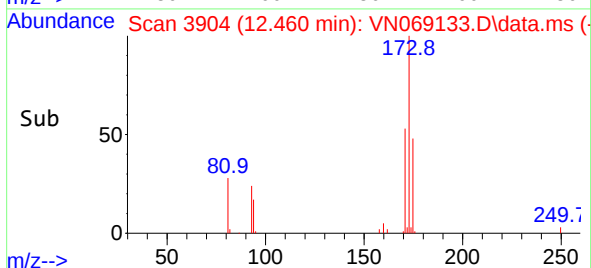
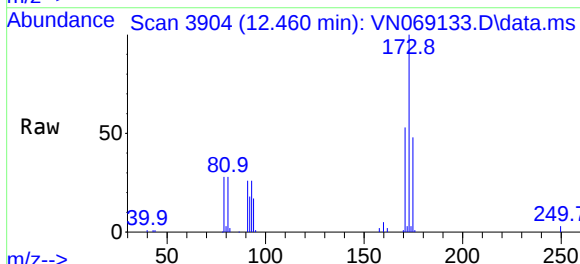
Manual Integrations
APPROVED

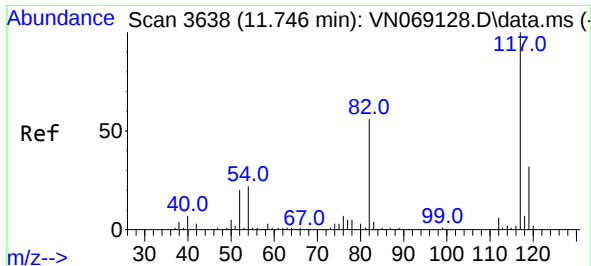
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#56
Bromoform
Concen: 19.359 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

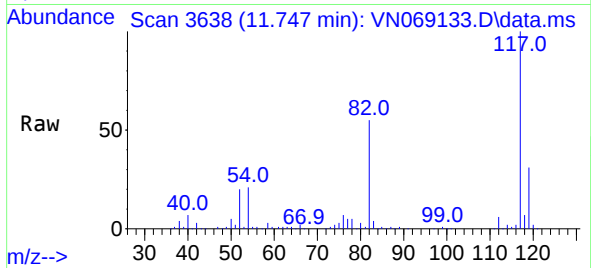
Tgt Ion:173 Resp: 62739
Ion Ratio Lower Upper
173 100
175 47.7 38.6 58.0
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

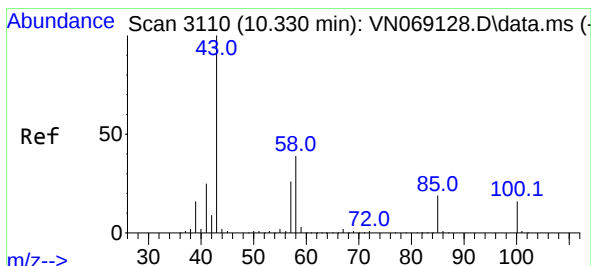
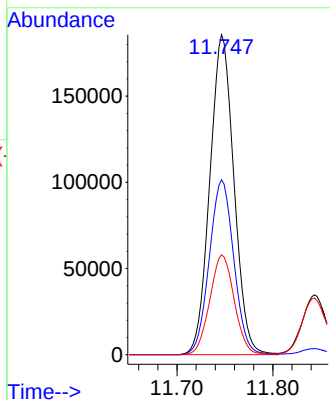
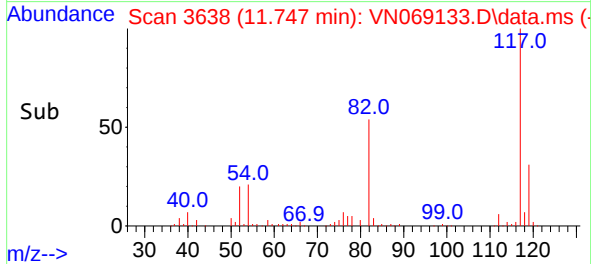
Instrument :
MSVOA_N
ClientSampleId :
ICNVN102221



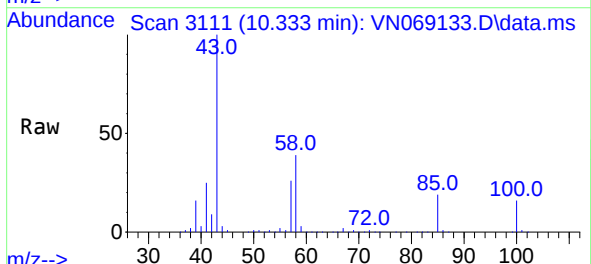
Tgt Ion: 117 Resp: 32408
Ion Ratio Lower Upper
117 100
82 55.7 43.6 65.4
119 31.6 25.8 38.6

Manual Integrations
APPROVED

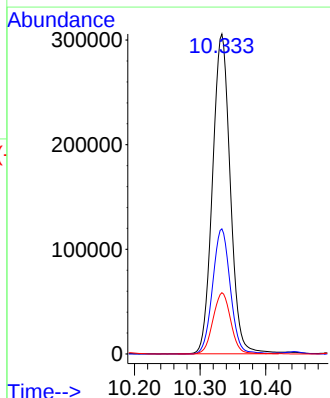
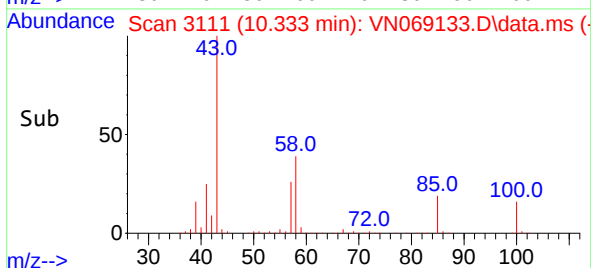
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

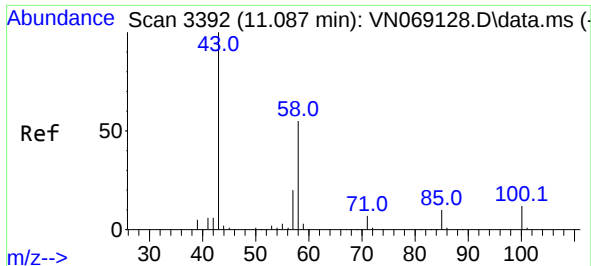


#58
4-Methyl-2-Pentanone
Concen: 105.000 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45



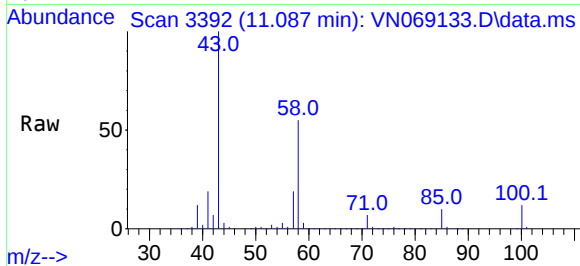
Tgt Ion: 43 Resp: 574080
Ion Ratio Lower Upper
43 100
58 39.1 30.0 45.0
85 19.2 15.0 22.6





#59
2-Hexanone
Concen: 104.951 ug/l
RT: 11.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

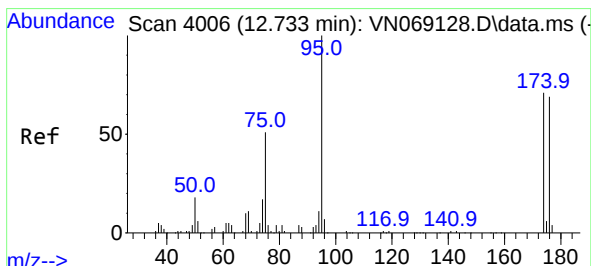
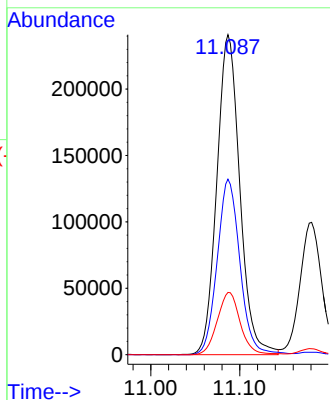
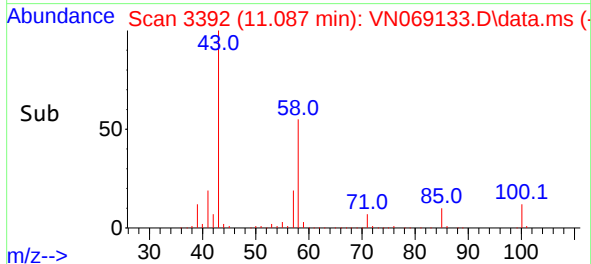
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221



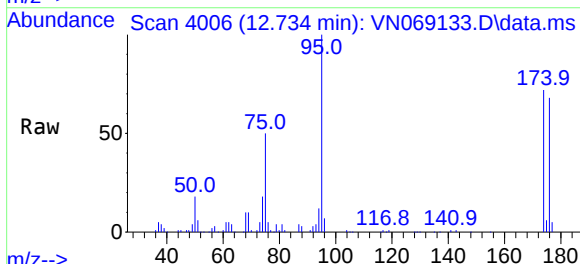
Tgt Ion: 43 Resp: 43332
Ion Ratio Lower Upper
43 100
58 54.3 42.2 63.2
57 19.5 15.0 22.4

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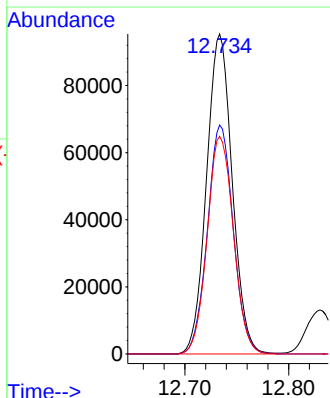
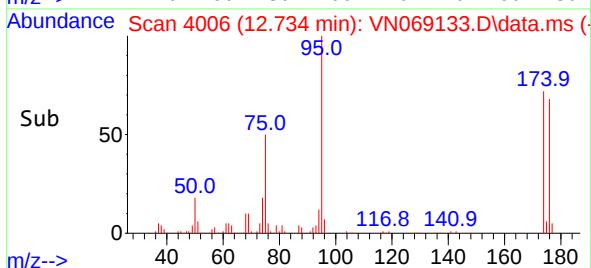
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

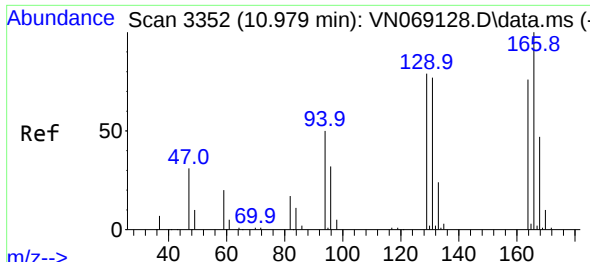


#60
4-Bromofluorobenzene
Concen: 29.480 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45



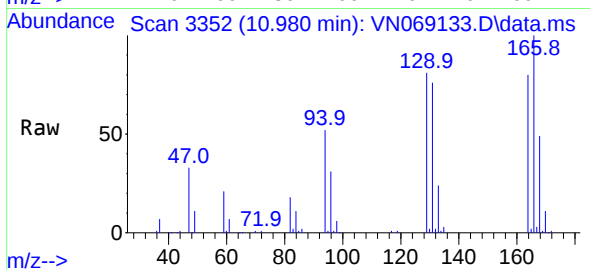
Tgt Ion: 95 Resp: 163818
Ion Ratio Lower Upper
95 100
174 72.0 62.9 94.3
176 69.5 61.0 91.4





#61
Tetrachloroethene
Concen: 22.190 ug/l
RT: 10.980 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

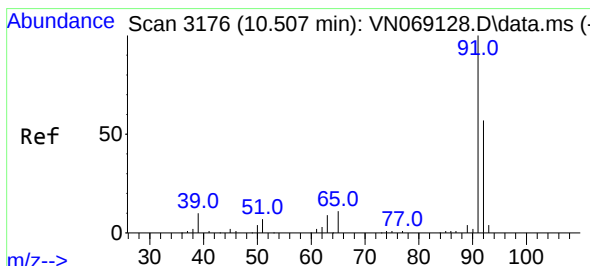
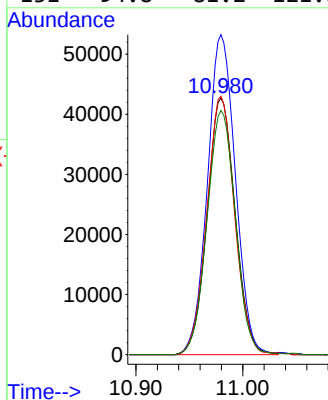
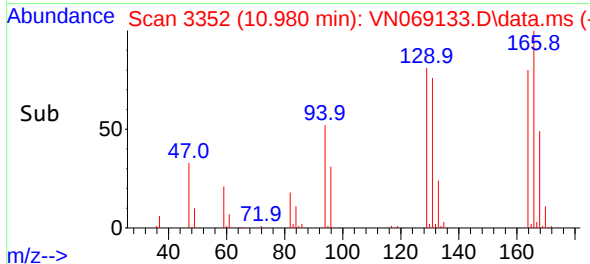
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221



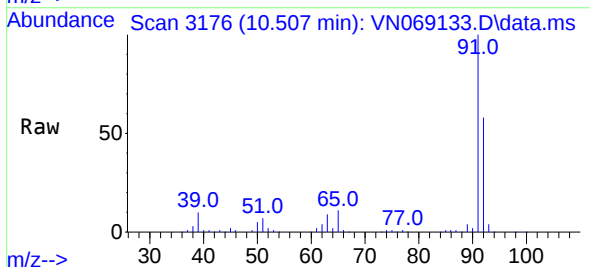
Tgt Ion:164 Resp: 78159
Ion Ratio Lower Upper
164 100
166 124.3 105.8 158.8
129 100.3 82.5 123.7
131 94.8 81.2 121.8

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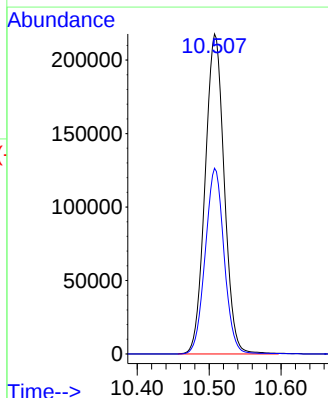
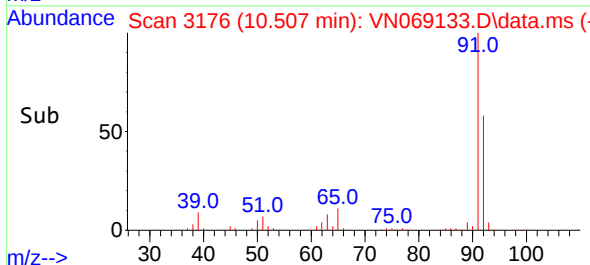
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

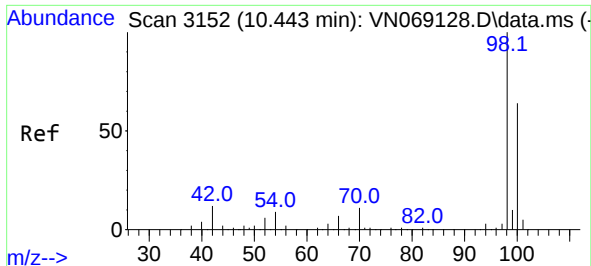


#62
Toluene
Concen: 21.365 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45



Tgt Ion: 91 Resp: 403293
Ion Ratio Lower Upper
91 100
92 57.2 44.6 67.0





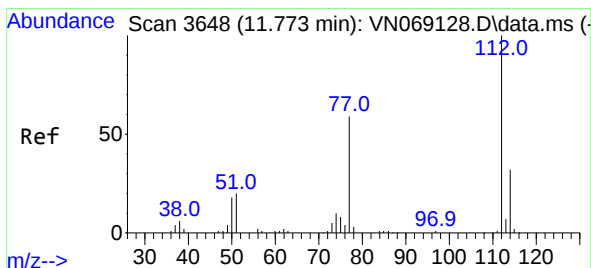
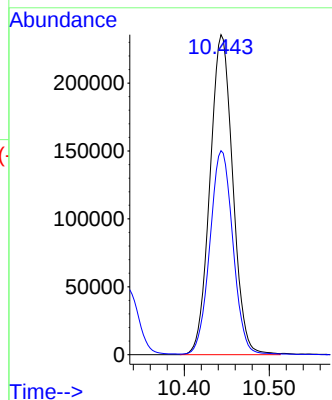
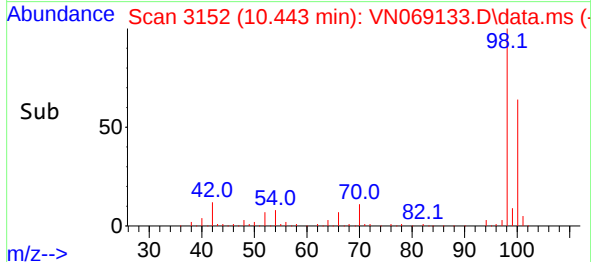
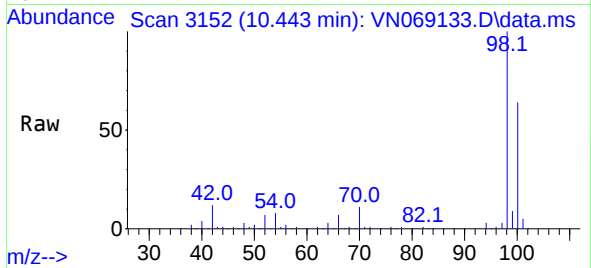
#63
Toluene-d8
Concen: 30.017 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221

Tgt Ion: 98 Resp: 439518
Ion Ratio Lower Upper
98 100
100 64.4 50.6 76.0

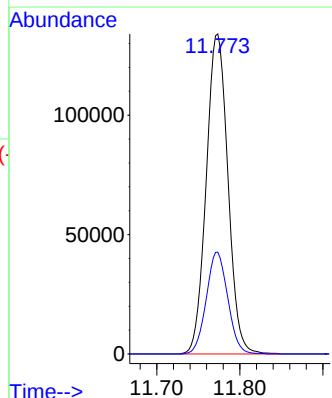
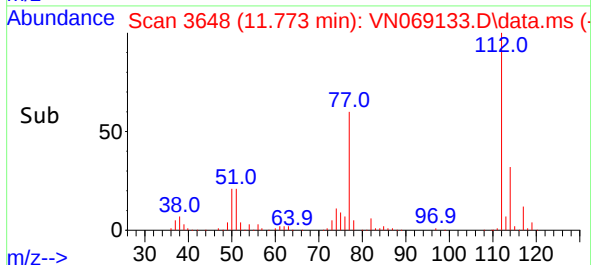
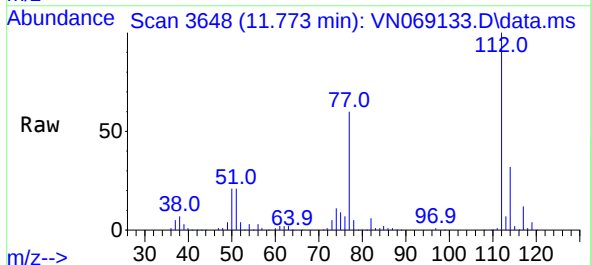
Manual Integrations
APPROVED

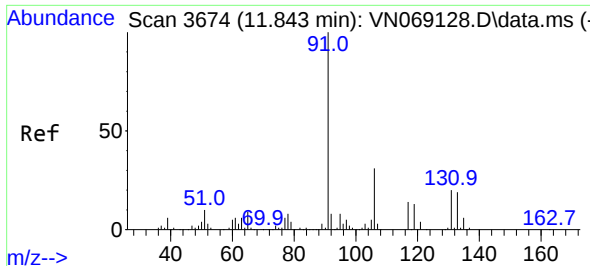
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#64
Chlorobenzene
Concen: 21.219 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Tgt Ion:112 Resp: 242927
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6





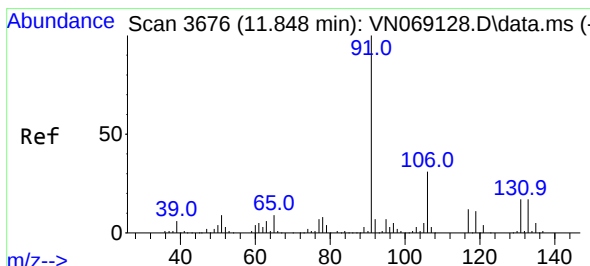
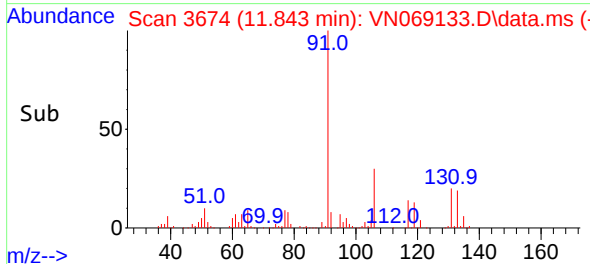
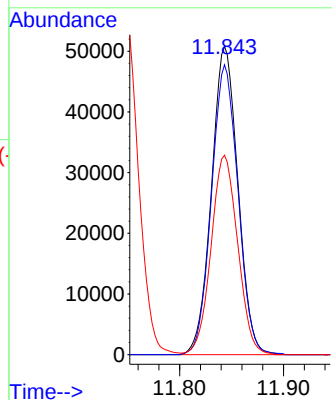
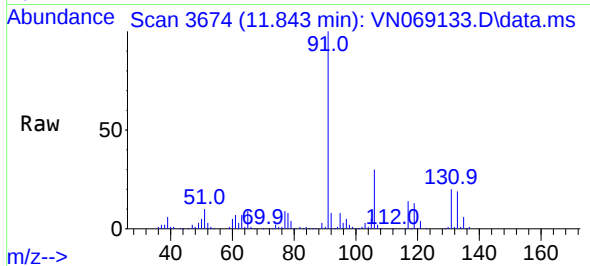
#65
1,1,1,2-Tetrachloroethane
Concen: 21.122 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221

Tgt Ion:131 Resp: 89964
Ion Ratio Lower Upper
131 100
133 94.3 0.0 191.2
119 65.1 0.0 128.8

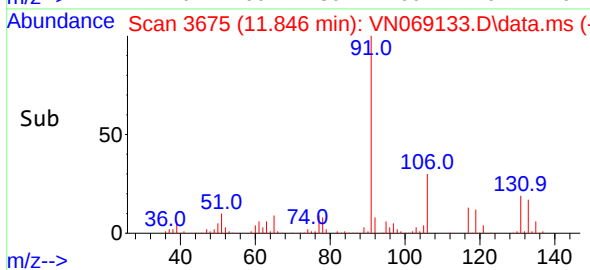
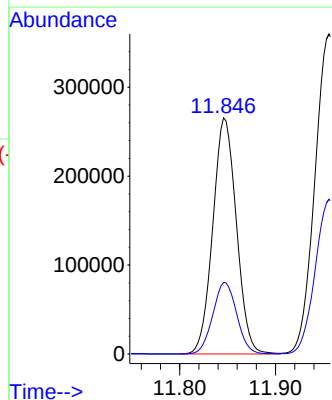
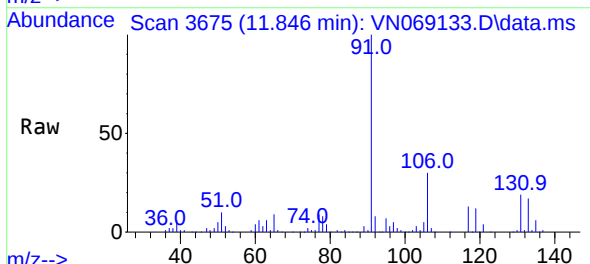
Manual Integrations
APPROVED

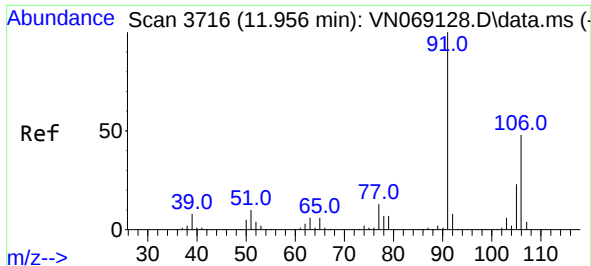
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#66
Ethyl Benzene
Concen: 21.370 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Tgt Ion: 91 Resp: 453520
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0





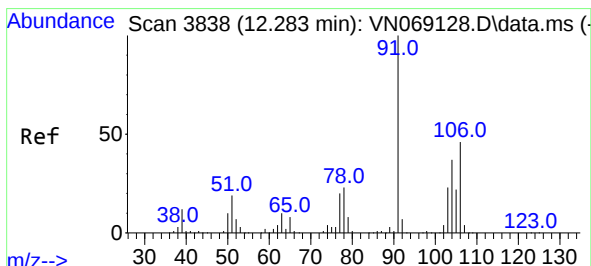
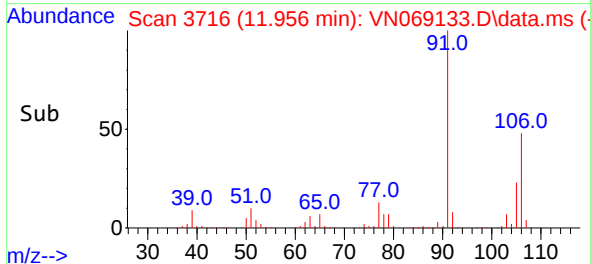
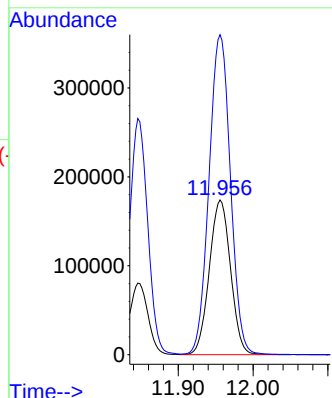
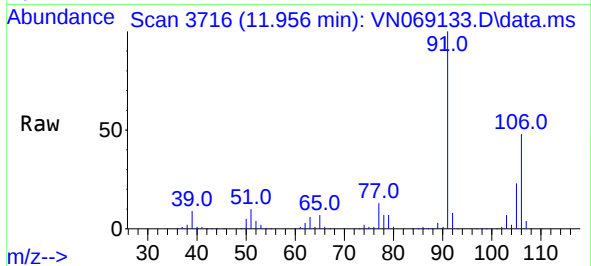
#67
m/p-Xylenes
Concen: 43.014 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221

Tgt Ion:106 Resp: 343290
Ion Ratio Lower Upper
106 100
91 207.8 162.9 244.3

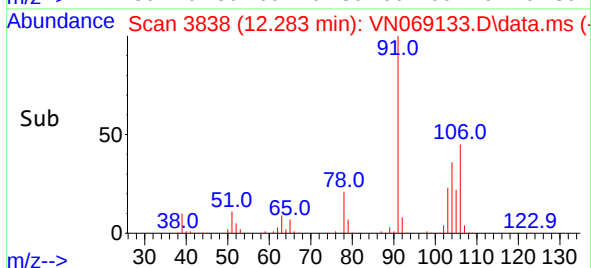
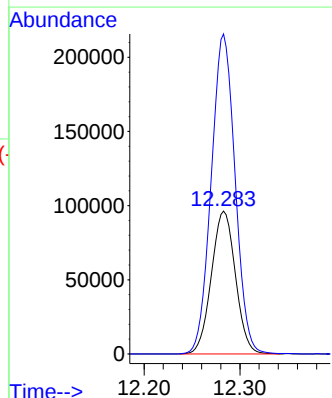
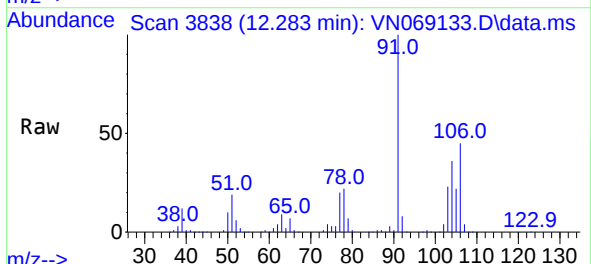
Manual Integrations
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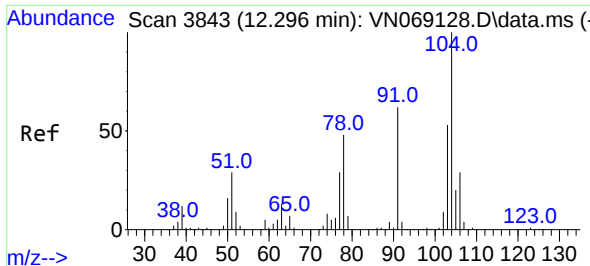
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#68
o-Xylene
Concen: 21.007 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Tgt Ion:106 Resp: 167873
Ion Ratio Lower Upper
106 100
91 222.0 107.7 323.1





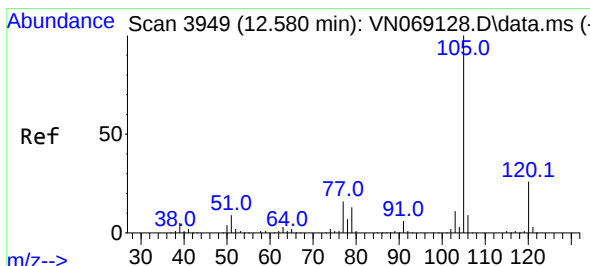
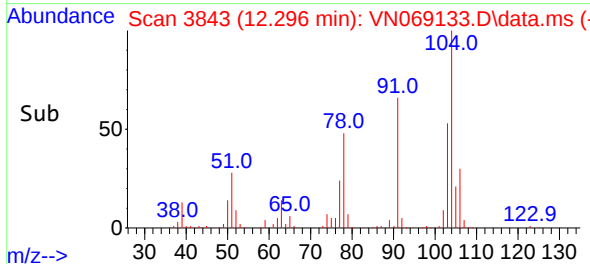
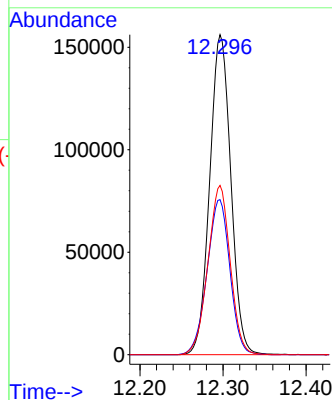
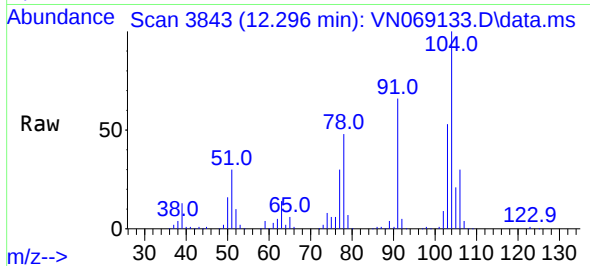
#69
Styrene
Concen: 20.855 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221

Tgt Ion:104 Resp: 276178
Ion Ratio Lower Upper
104 100
78 52.3 40.7 61.1
103 55.8 45.8 68.8

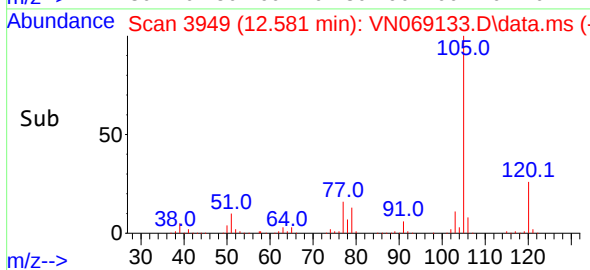
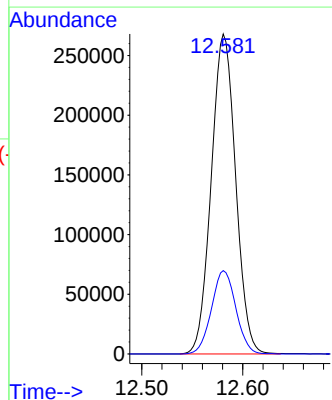
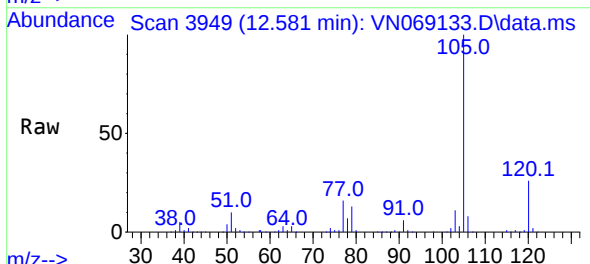
Manual Integrations
APPROVED

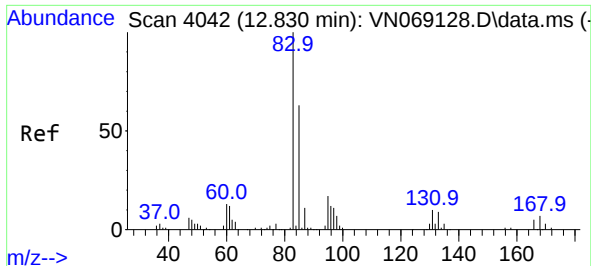
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#70
Isopropylbenzene
Concen: 21.436 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

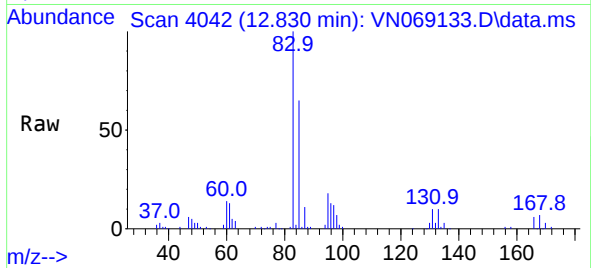
Tgt Ion:105 Resp: 449093
Ion Ratio Lower Upper
105 100
120 26.1 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 21.076 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

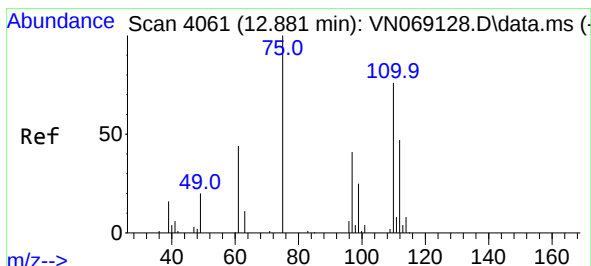
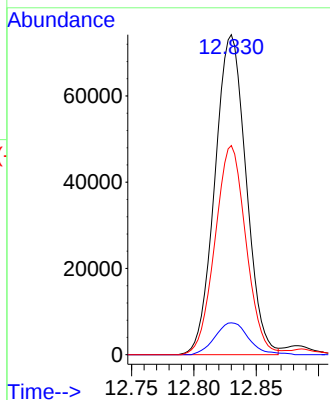
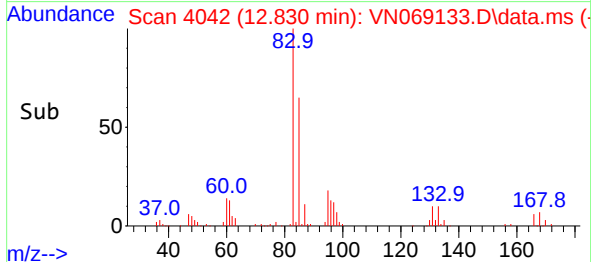
Instrument :
MSVOA_N
ClientSampleId :
ICNVN102221



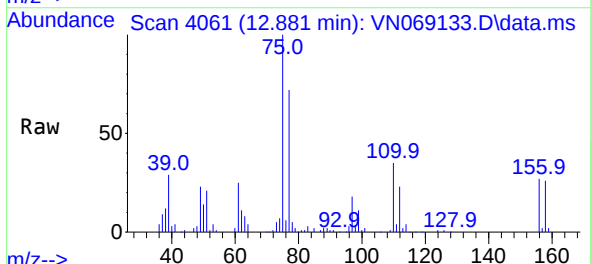
Tgt Ion: 83 Resp: 12942
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 64.9 33.1 99.2

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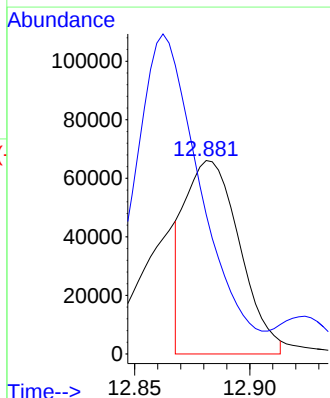
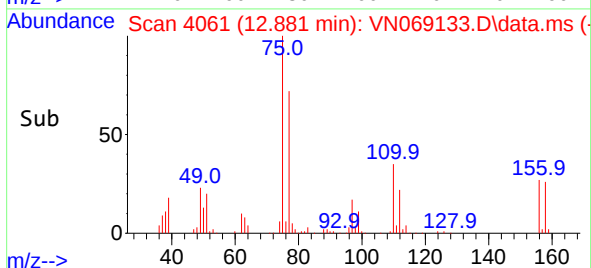
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

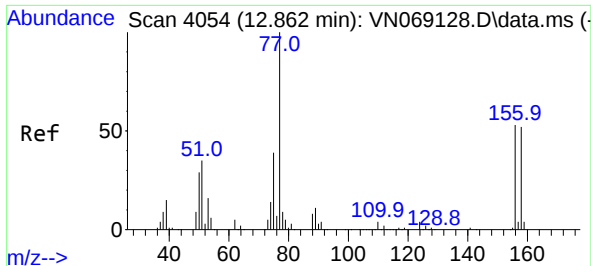


#72
1,2,3-Trichloropropane
Concen: 20.637 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45



Tgt Ion: 75 Resp: 108887
Ion Ratio Lower Upper
75 100
77 202.3 0.0 378.0





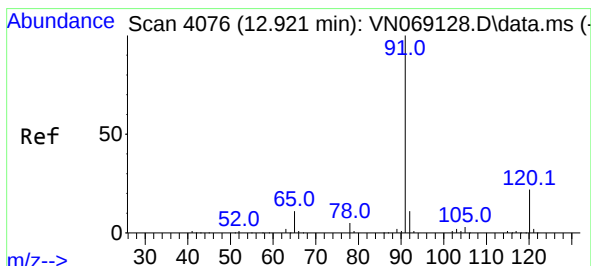
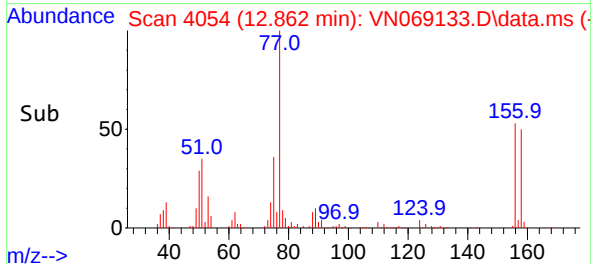
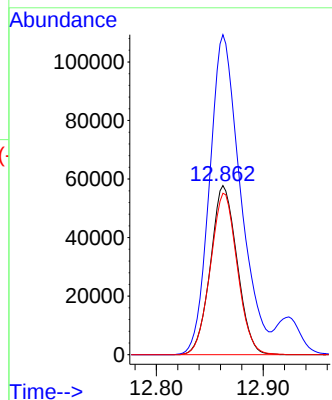
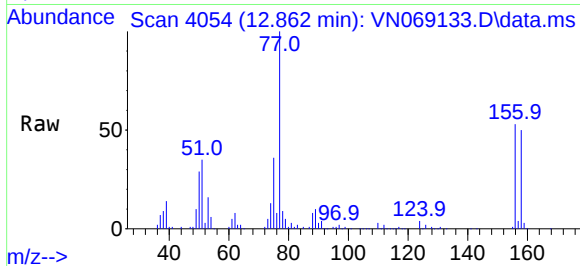
#73
Bromobenzene
Concen: 21.046 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :
MSVOA_N
ClientSampleId :
ICNVN102221

Tgt Ion:156 Resp: 9994
Ion Ratio Lower Upper
156 100
77 220.4 0.0 416.0
158 96.5 0.0 195.4

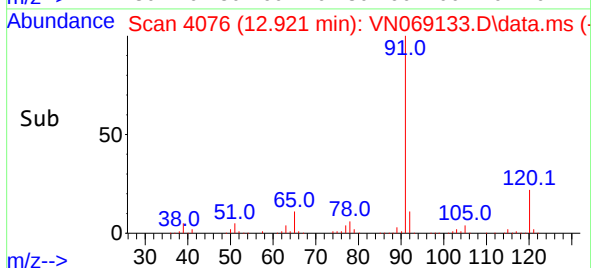
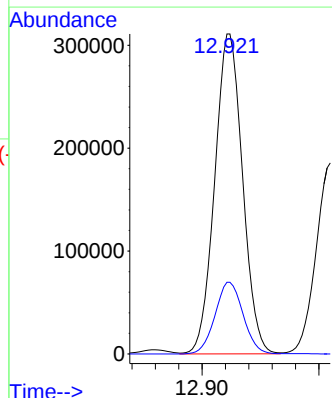
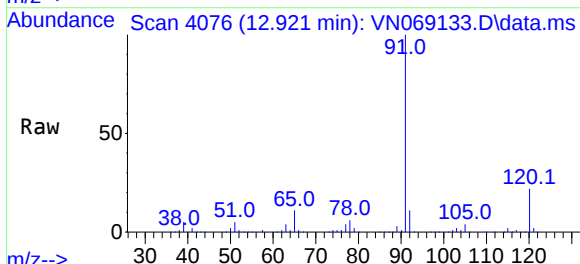
Manual Integrations
APPROVED

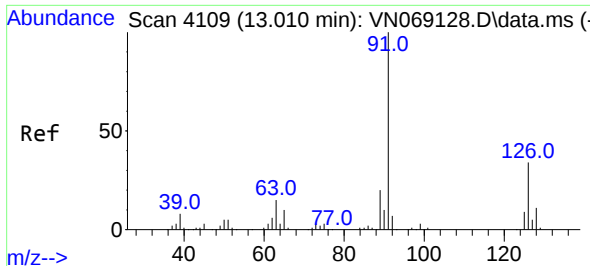
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#74
n-propylbenzene
Concen: 21.373 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Tgt Ion: 91 Resp: 514240
Ion Ratio Lower Upper
91 100
120 22.6 0.0 45.0





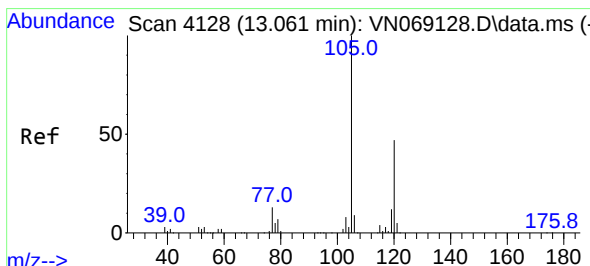
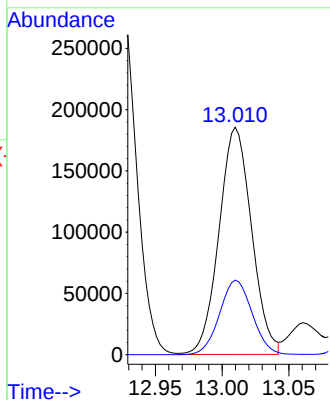
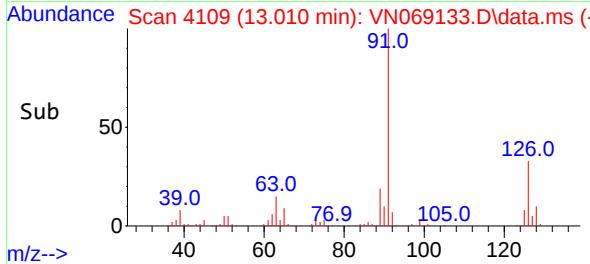
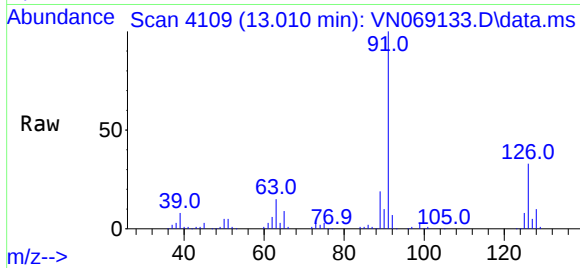
#75
2-Chlorotoluene
Concen: 21.405 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221

Tgt Ion: 91 Resp: 315349
Ion Ratio Lower Upper
91 100
126 32.9 0.0 69.8

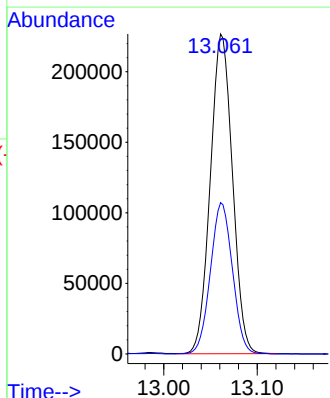
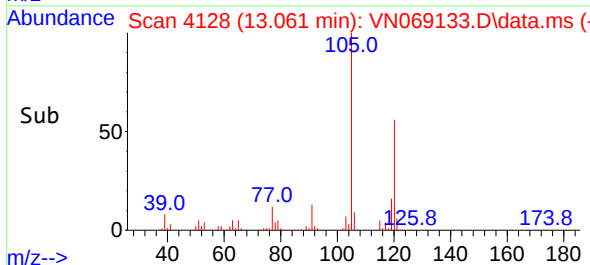
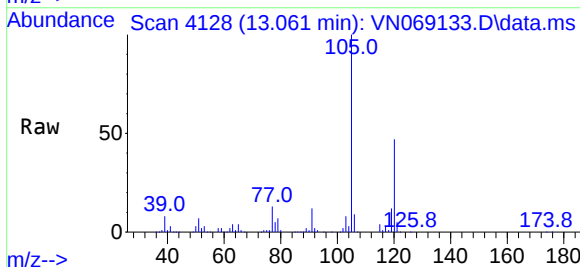
Manual Integrations
APPROVED

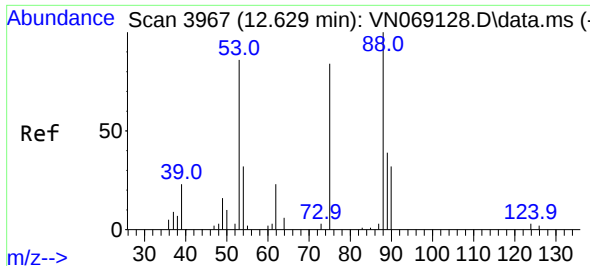
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#76
1,3,5-Trimethylbenzene
Concen: 21.353 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Tgt Ion:105 Resp: 372853
Ion Ratio Lower Upper
105 100
120 47.1 0.0 93.8





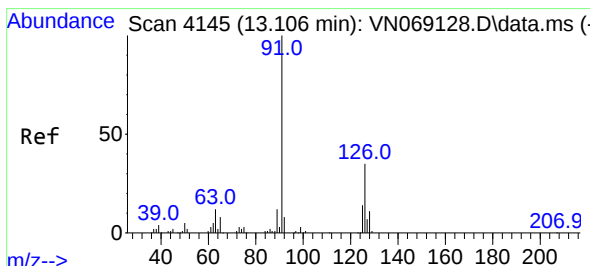
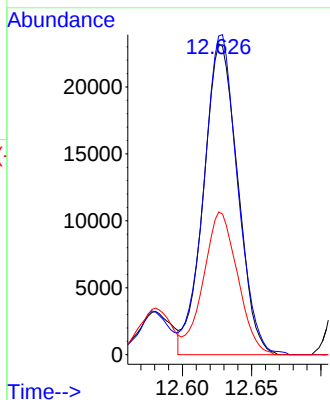
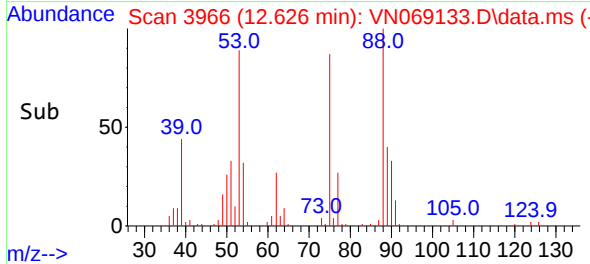
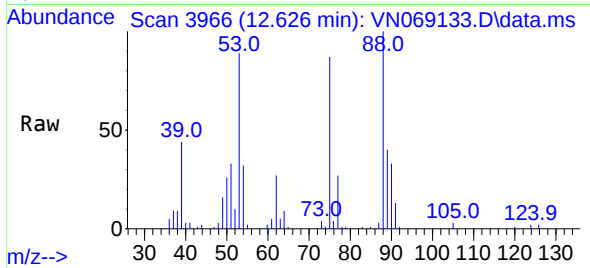
#77
t-1,4-Dichloro-2-butene
Concen: 19.286 ug/l
RT: 12.626 min Scan# 3967
Delta R.T. -0.003 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221

Tgt Ion: 75 Resp: 3979
Ion Ratio Lower Upper
75 100
53 101.5 51.8 155.5
89 45.9 22.9 68.7

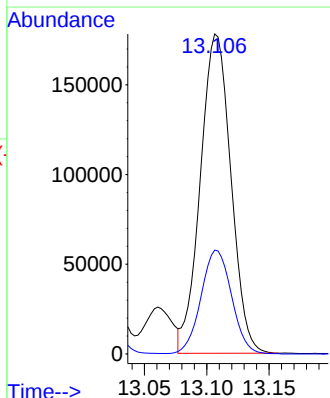
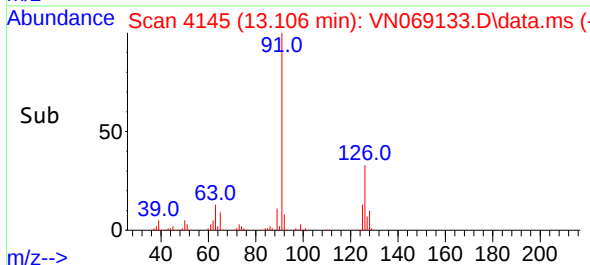
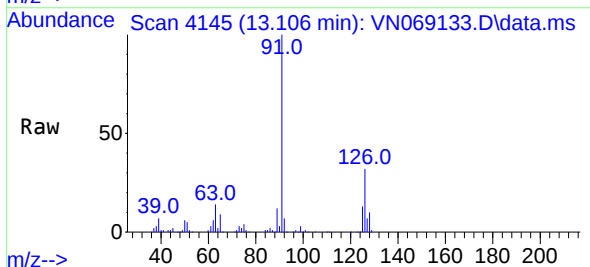
Manual Integrations
APPROVED

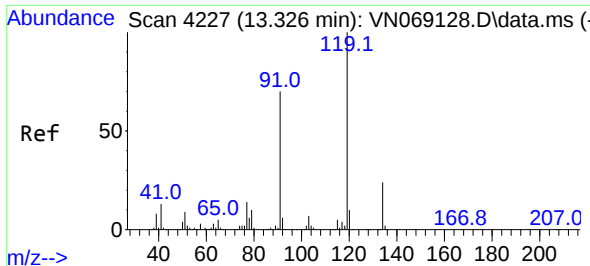
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#78
4-Chlorotoluene
Concen: 21.029 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Tgt Ion: 91 Resp: 303629
Ion Ratio Lower Upper
91 100
126 32.7 0.0 70.6





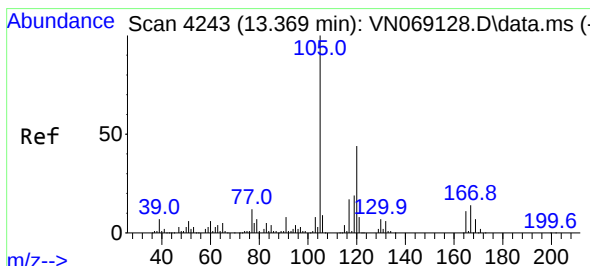
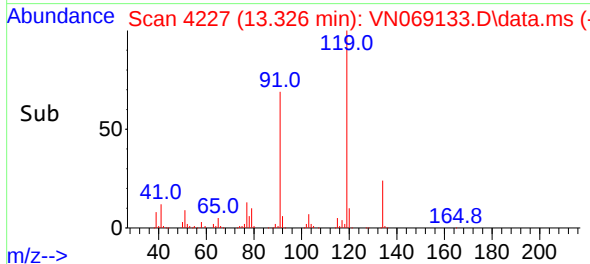
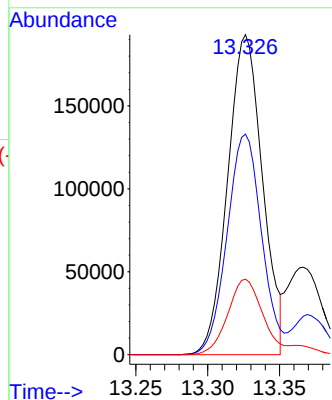
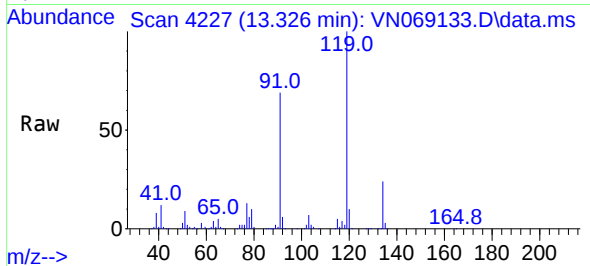
#79
tert-butylbenzene
Concen: 21.232 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221

Tgt Ion:119 Resp: 32553
Ion Ratio Lower Upper
119 100
91 68.5 0.0 137.0
134 23.8 0.0 47.6

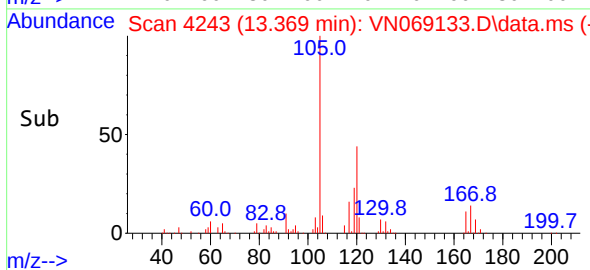
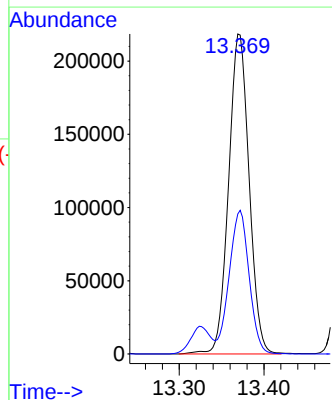
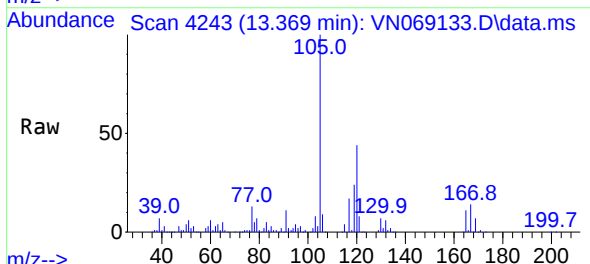
Manual Integrations
APPROVED

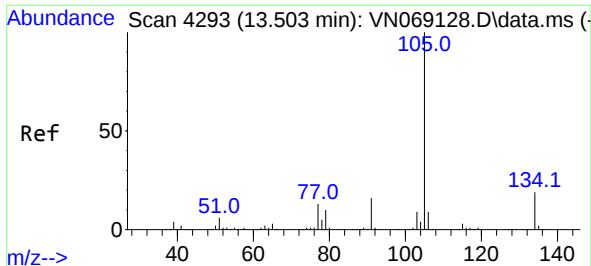
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#80
1,2,4-Trimethylbenzene
Concen: 21.448 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

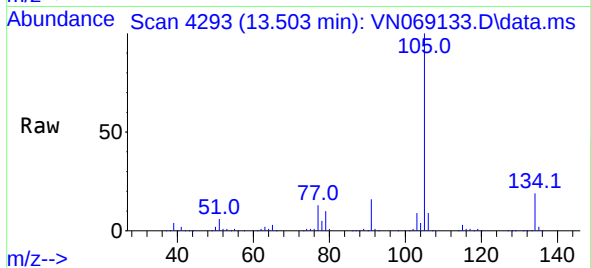
Tgt Ion:105 Resp: 367641
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 21.332 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069133.D
 Acq: 22 Oct 2021 13:45

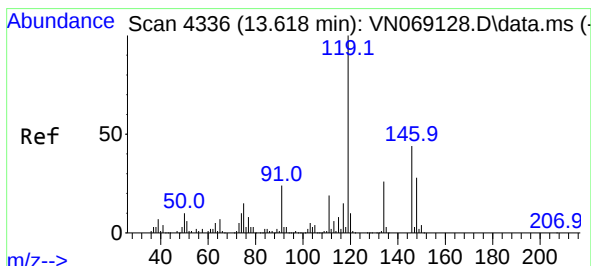
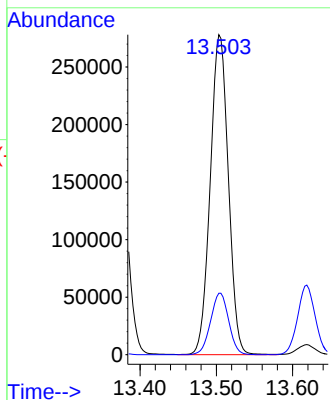
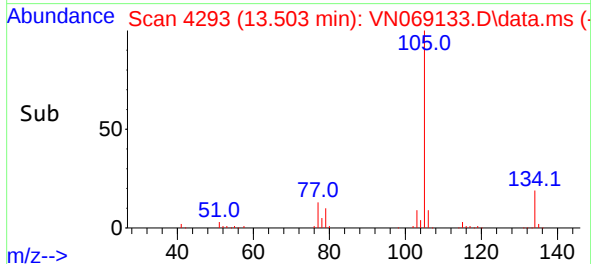
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVN102221



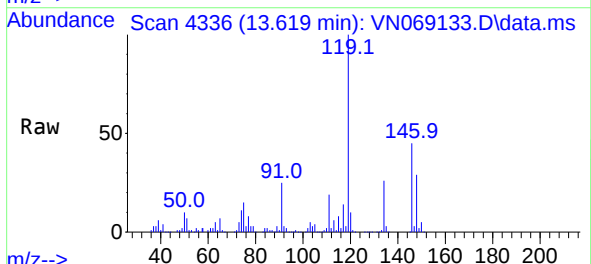
Tgt Ion:105 Resp: 45784
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.4

Manual Integrations
 APPROVED

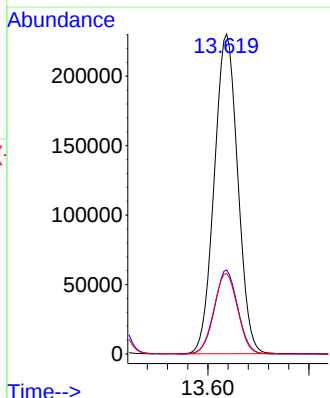
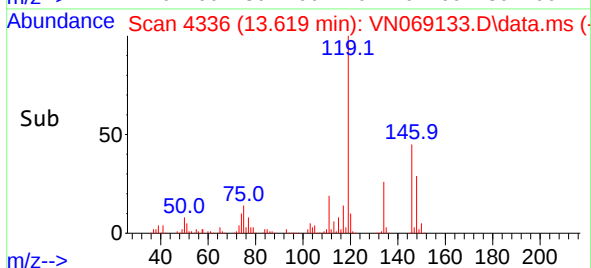
Reviewed By :John Carlone 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021

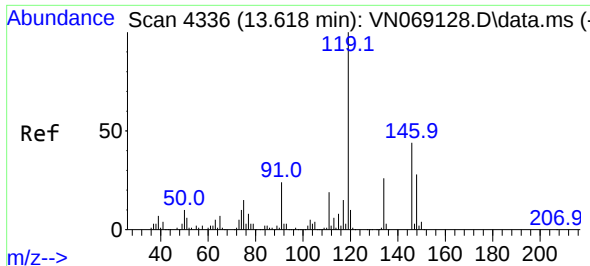


#82
 p-Isopropyltoluene
 Concen: 21.193 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN069133.D
 Acq: 22 Oct 2021 13:45



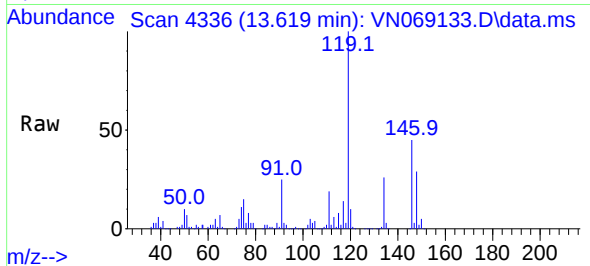
Tgt Ion:119 Resp: 371015
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.8
 91 25.5 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 21.319 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

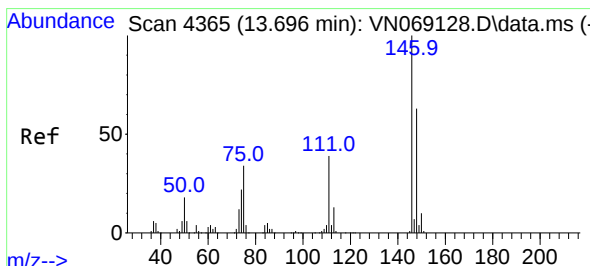
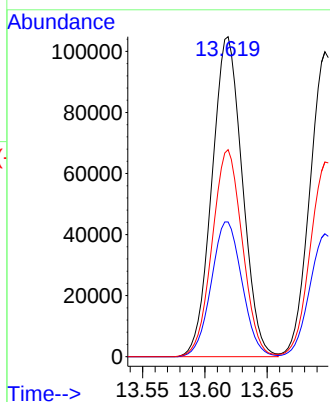
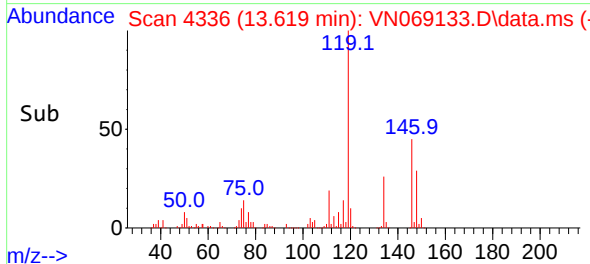
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221



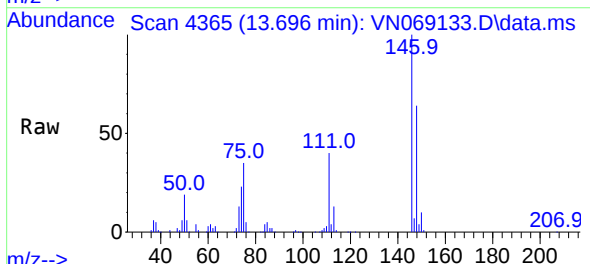
Tgt Ion:146 Resp: 178230
Ion Ratio Lower Upper
146 100
111 42.7 20.8 62.2
148 64.3 31.4 94.3

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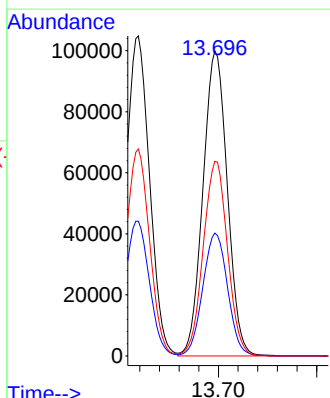
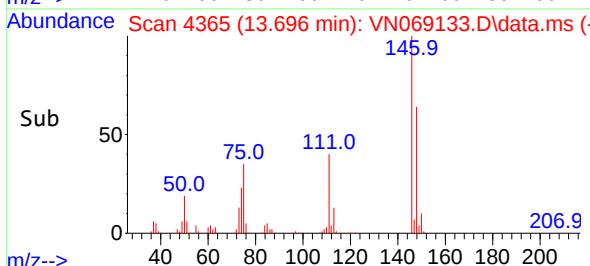
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

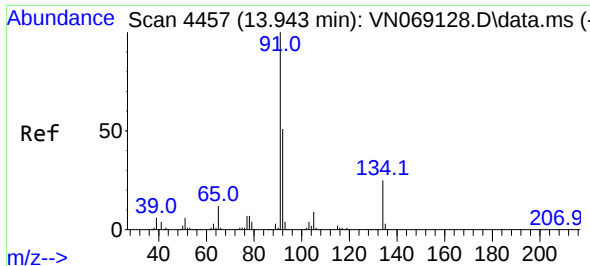


#84
1,4-Dichlorobenzene
Concen: 21.139 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45



Tgt Ion:146 Resp: 172090
Ion Ratio Lower Upper
146 100
111 40.6 19.5 58.5
148 63.7 31.1 93.5





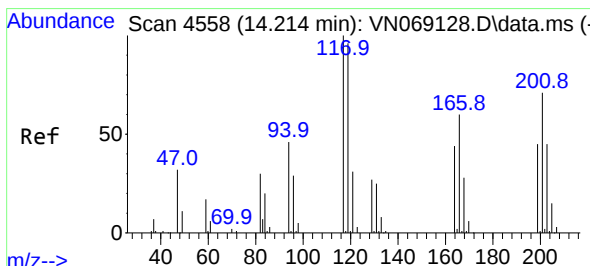
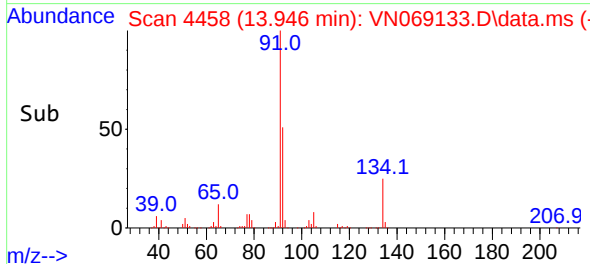
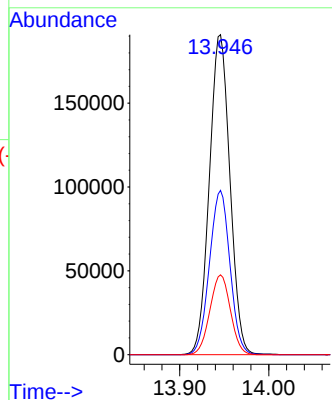
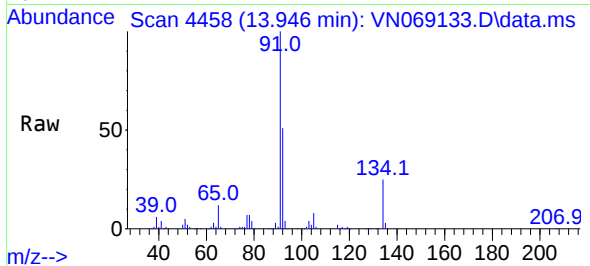
#85
n-Butylbenzene
Concen: 20.922 ug/l
RT: 13.946 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221

Tgt Ion: 91 Resp: 30633
Ion Ratio Lower Upper
91 100
92 51.3 0.0 100.6
134 24.9 0.0 50.2

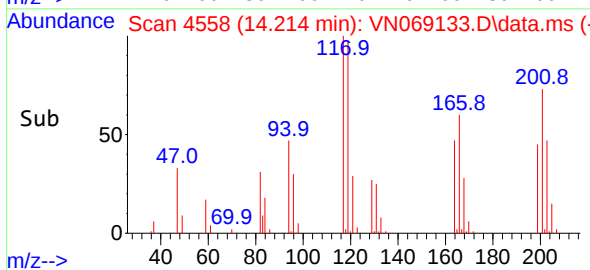
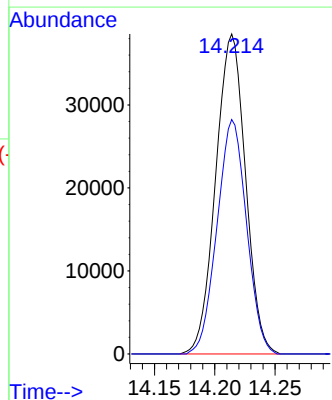
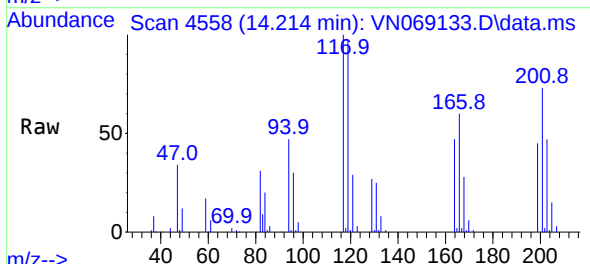
Manual Integrations
APPROVED

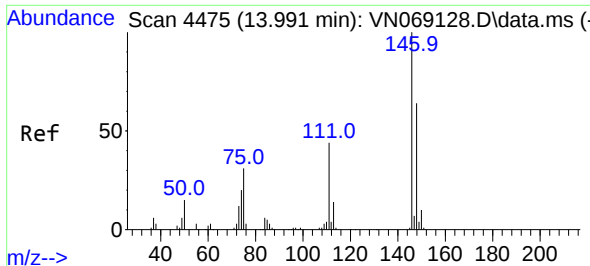
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#86
Hexachloroethane
Concen: 20.237 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Tgt Ion:117 Resp: 66336
Ion Ratio Lower Upper
117 100
201 72.4 33.3 99.8





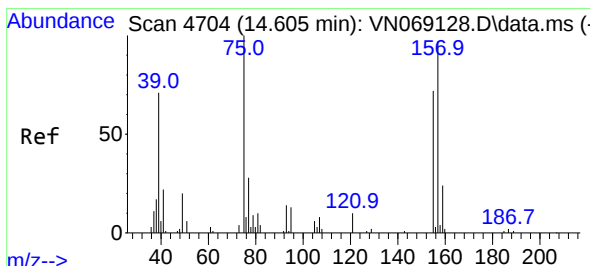
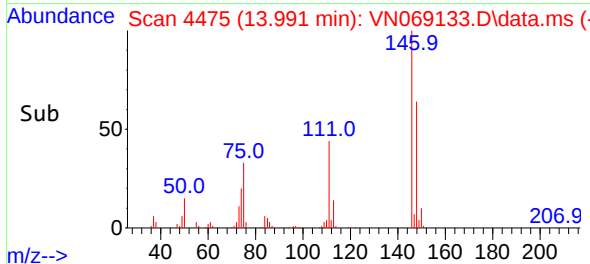
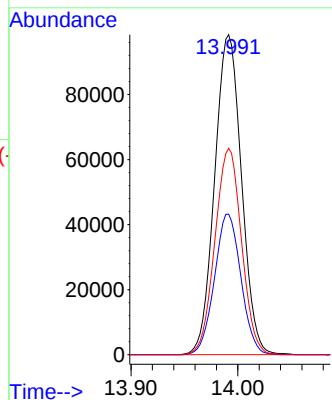
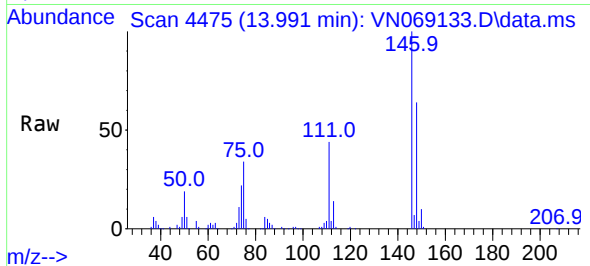
#87
1,2-Dichlorobenzene
Concen: 21.514 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :
MSVOA_N
ClientSampleId :
ICNVN102221

Tgt Ion:146 Resp: 17186
Ion Ratio Lower Upper
146 100
111 43.3 21.4 64.2
148 64.0 32.5 97.4

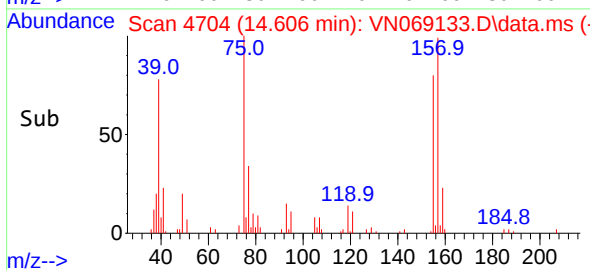
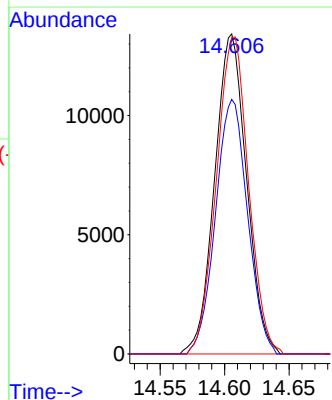
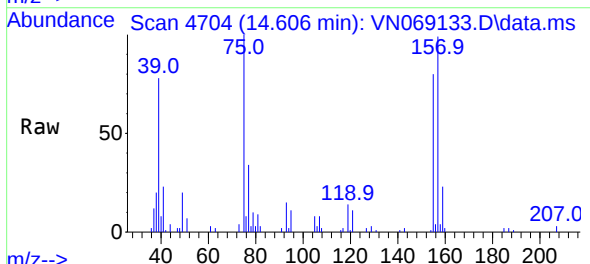
Manual Integrations
APPROVED

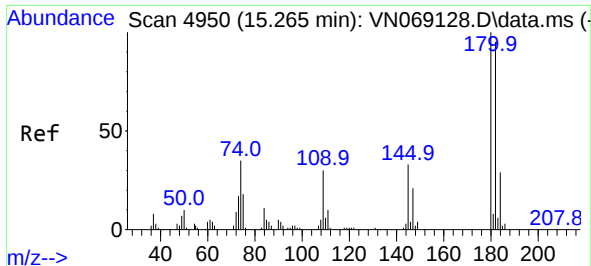
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.182 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Tgt Ion: 75 Resp: 23084
Ion Ratio Lower Upper
75 100
155 79.9 63.8 95.8
157 100.0 77.9 116.9





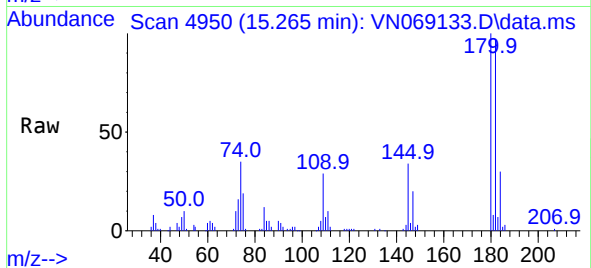
#89
1,2,4-Trichlorobenzene
Concen: 20.491 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102221

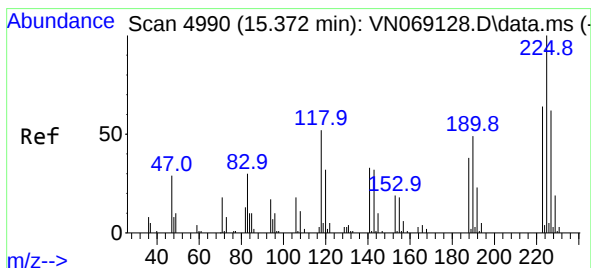
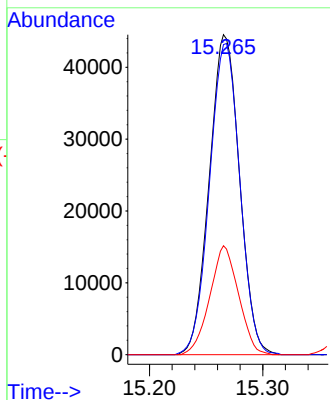
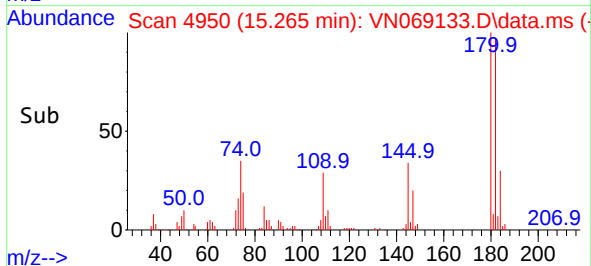


Tgt Ion:180 Resp: 82529
Ion Ratio Lower Upper
180 100
182 97.4 77.7 116.5
145 32.3 26.6 39.8

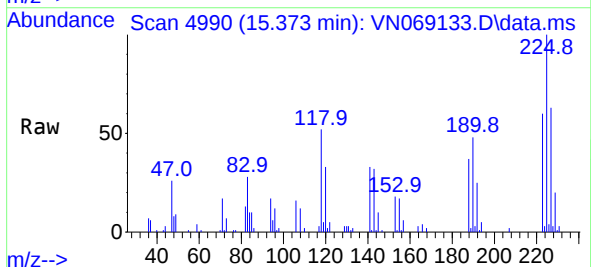
Manual Integrations

APPROVED

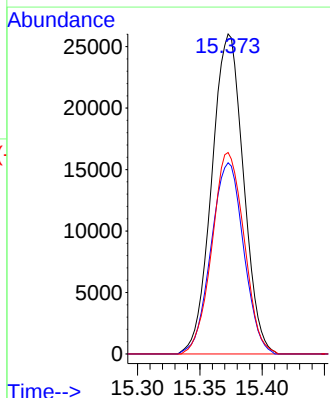
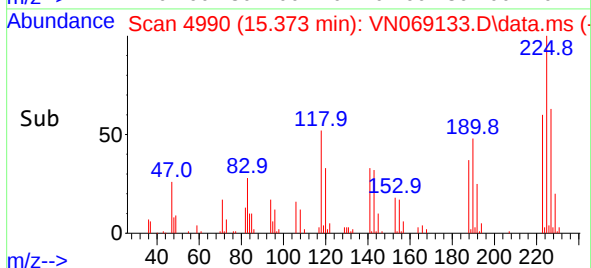
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

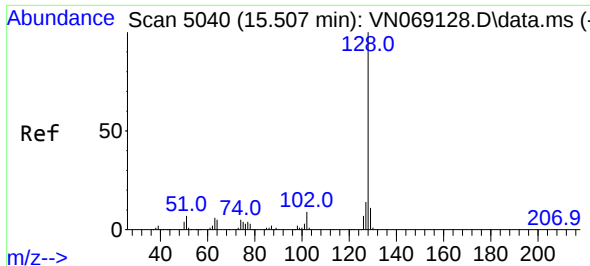


#90
Hexachlorobutadiene
Concen: 21.851 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45



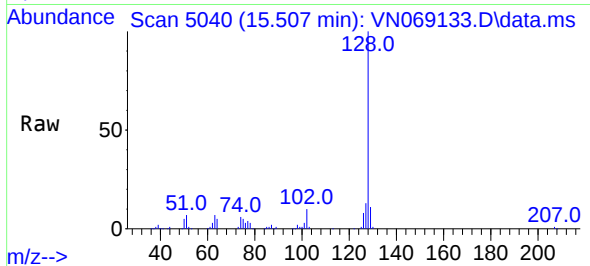
Tgt Ion:225 Resp: 46012
Ion Ratio Lower Upper
225 100
223 61.5 0.0 126.8
227 63.8 0.0 123.0





#91
Naphthalene
Concen: 20.680 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45

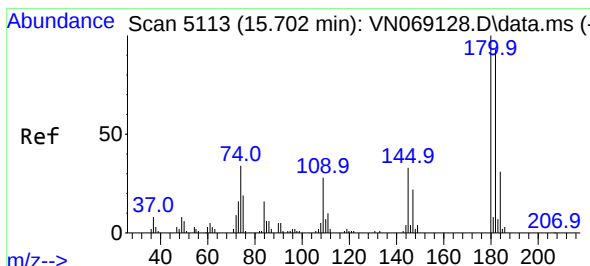
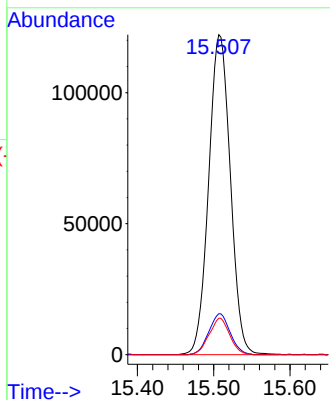
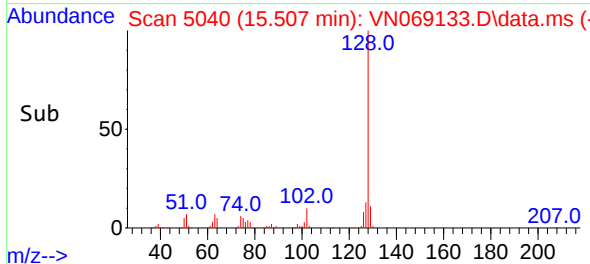
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221



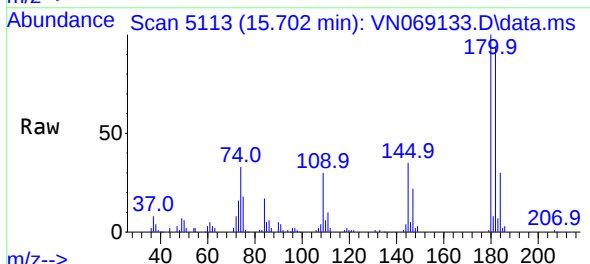
Tgt Ion:128 Resp: 240925
Ion Ratio Lower Upper
128 100
127 12.6 10.7 16.1
129 10.8 9.0 13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 21.133 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069133.D
Acq: 22 Oct 2021 13:45



Tgt Ion:180 Resp: 81345
Ion Ratio Lower Upper
180 100
182 94.2 0.0 190.0
145 34.7 0.0 67.8

