

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
 Data File : VN069139.D
 Acq On : 22 Oct 2021 17:18
 Operator : JC/MD
 Sample : VN1022WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Oct 23 07:55:40 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	53381	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	306193	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	283227	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	126611	30.452	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.500%			
60) 4-Bromofluorobenzene	12.734	95	143346	29.517	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.400%			
63) Toluene-d8	10.443	98	384309	30.033	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	75545	21.403	ug/l	100
3) Chloromethane	2.303	50	76455	20.835	ug/l	100
4) Vinyl Chloride	2.445	62	88717	20.282	ug/l	98
5) Bromomethane	2.867	94	61497	21.436	ug/l	97
6) Chloroethane	3.022	64	57694	20.348	ug/l	95
7) Trichlorofluoromethane	3.379	101	119571	21.110	ug/l	97
8) Diethyl Ether	3.829	74	44849	22.364	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.218	101	65236	21.200	ug/l #	70
10) 1,1-Dichloroethene	4.191	96	61828	20.594	ug/l	99
11) Methyl Iodide	4.427	142	82778	19.609	ug/l	95
12) Methyl Acetate	4.857	43	120094	21.003	ug/l	98
13) Acrolein	4.044	56	29643	86.052	ug/l	100
14) Acrylonitrile	5.557	53	171701	105.832	ug/l	98
15) Acetone	4.285	58	49058	96.730	ug/l	96
16) Carbon Disulfide	4.537	76	161245	19.988	ug/l	99
17) Allyl chloride	4.849	41	105891	20.481	ug/l	92
18) Methylene Chloride	5.101	84	78167	21.910	ug/l	96
19) trans-1,2-Dichloroethene	5.602	96	67812	20.800	ug/l	96
20) Diisopropyl ether	6.495	45	232238	21.028	ug/l	97
21) 1,1-Dichloroethane	6.391	63	128897	20.911	ug/l	100
22) cis-1,2-Dichloroethene	7.327	96	82419	21.092	ug/l	100
23) tert-Butyl Alcohol	5.363	59	69601	104.558	ug/l #	100
24) Methyl tert-Butyl Ether	5.616	73	244821	21.499	ug/l	99
25) Chloroform	7.823	83	139814	21.226	ug/l	97
26) Cyclohexane	8.099	56	117812	20.750	ug/l #	97
29) 1,1-Dichloropropene	8.225	75	100363	20.828	ug/l	98
30) 2-Butanone	7.335	43	240449	103.921	ug/l	99
31) 2,2-Dichloropropane	7.327	77	118025	20.445	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	122019	20.351	ug/l	98
33) Carbon Tetrachloride	8.209	117	104233	20.467	ug/l	97
34) Benzene	8.464	78	301007	20.920	ug/l	99
35) Methacrylonitrile	7.638	41	47766	20.715	ug/l	98
36) 1,2-Dichloroethane	8.534	62	112378	21.640	ug/l	100
37) Trichloroethene	9.217	130	76166	20.817	ug/l	91
38) Methylcyclohexane	9.462	83	130605	21.291	ug/l	98
39) 1,2-Dichloropropane	9.491	63	78888	21.500	ug/l	99
40) Dibromomethane	9.580	93	55156	21.501	ug/l	97
41) Bromodichloromethane	9.762	83	107792	21.029	ug/l	96
42) Vinyl Acetate	6.436	43	875085	105.993	ug/l	100

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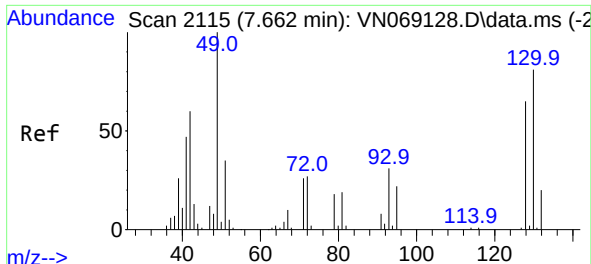
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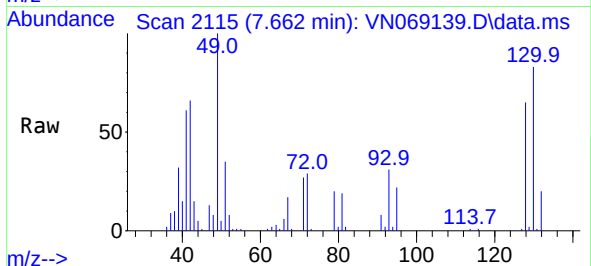
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	94431	20.922	ug/l	94
44) Isopropyl Acetate	8.560	43	177105	21.192	ug/l	99
45) 1,4-Dioxane	9.569	88	28783	430.334	ug/l	97
46) Methyl methacrylate	9.561	41	74191	19.638	ug/l	90
47) n-amyl Acetate	12.390	43	141615	19.959	ug/l	99
48) t-1,3-Dichloropropene	10.719	75	123438	20.820	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	127847	20.707	ug/l	96
50) 1,1,2-Trichloroethane	10.902	97	79230	21.520	ug/l	99
51) Ethyl methacrylate	10.762	69	127879	21.071	ug/l	94
52) 1,3-Dichloropropane	11.047	76	133099	21.488	ug/l	99
53) Dibromochloromethane	11.240	129	81534	20.745	ug/l	100
54) 1,2-Dibromoethane	11.347	107	82012	21.309	ug/l	97
55) 2-Chloroethyl vinyl ether	10.044	63	149638	77.660	ug/l	99
56) Bromoform	12.460	173	55911	19.735	ug/l #	100
58) 4-Methyl-2-Pentanone	10.330	43	509459	106.622	ug/l	98
59) 2-Hexanone	11.087	43	374921	103.904	ug/l	98
61) Tetrachloroethene	10.980	164	67923	22.066	ug/l	94
62) Toluene	10.507	91	351085	21.282	ug/l	99
64) Chlorobenzene	11.771	112	212255	21.214	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	78592	21.114	ug/l	99
66) Ethyl Benzene	11.846	91	393577	21.220	ug/l	99
67) m/p-Xylenes	11.956	106	296106	42.453	ug/l	95
68) o-Xylene	12.283	106	148292	21.233	ug/l	97
69) Styrene	12.296	104	243518	21.041	ug/l	98
70) Isopropylbenzene	12.581	105	385447	21.051	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.827	83	116227	21.658	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	89460m	19.400	ug/l	
73) Bromobenzene	12.865	156	86925	20.945	ug/l	94
74) n-propylbenzene	12.924	91	448668	21.338	ug/l	99
75) 2-Chlorotoluene	13.010	91	271344	21.075	ug/l	97
76) 1,3,5-Trimethylbenzene	13.061	105	326851	21.418	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	33811	18.749	ug/l	96
78) 4-Chlorotoluene	13.106	91	265207	21.018	ug/l	96
79) tert-butylbenzene	13.326	119	279442	20.855	ug/l	98
80) 1,2,4-Trimethylbenzene	13.369	105	320193m	21.374	ug/l	
81) sec-Butylbenzene	13.503	105	390701	20.829	ug/l	99
82) p-Isopropyltoluene	13.619	119	322011	21.047	ug/l	100
83) 1,3-Dichlorobenzene	13.619	146	155101	21.228	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	151863	21.345	ug/l	98
85) n-Butylbenzene	13.946	91	261217	20.414	ug/l	98
86) Hexachloroethane	14.214	117	56609	19.761	ug/l	92
87) 1,2-Dichlorobenzene	13.991	146	152138	21.793	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.606	75	20128	20.136	ug/l	98
89) 1,2,4-Trichlorobenzene	15.265	180	70202	19.944	ug/l	98
90) Hexachlorobutadiene	15.373	225	40728	22.131	ug/l	99
91) Naphthalene	15.507	128	196365	19.286	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	69011	20.515	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

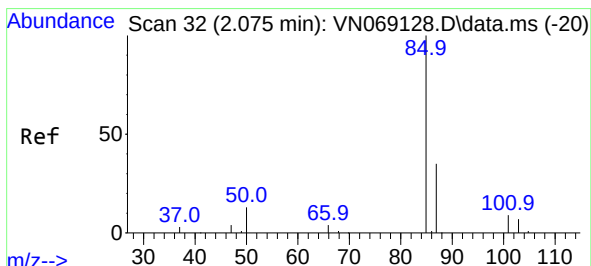
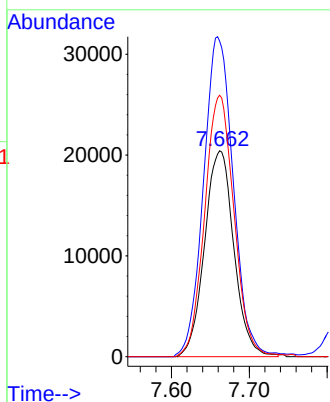
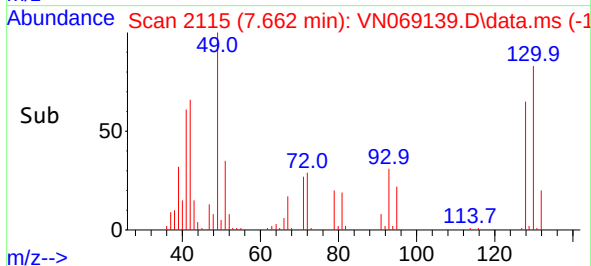
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



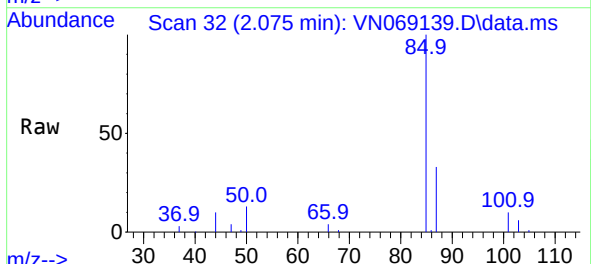
Tgt Ion:128 Resp: 5338
Ion Ratio Lower Upper
128 100
49 157.2 0.0 392.3
130 127.4 0.0 320.2

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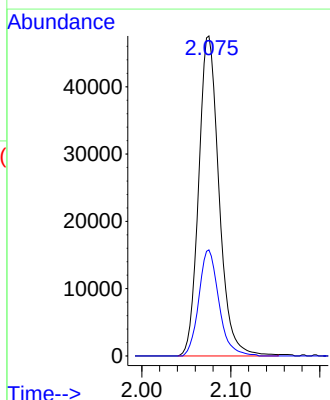
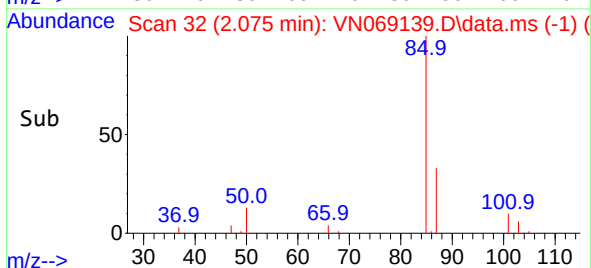
Reviewed By :John Carlone 10/25/2021
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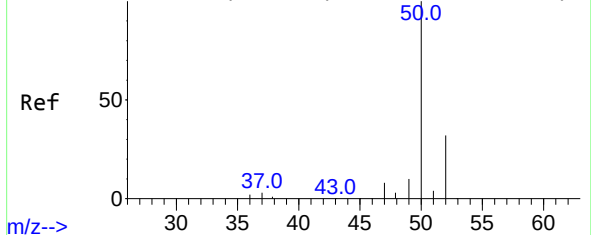
#2
Dichlorodifluoromethane
Concen: 21.403 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



Tgt Ion: 85 Resp: 75545
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.7



Abundance Scan 117 (2.303 min): VN069128.D\data.ms (-10)



#3

Chloromethane

Concen: 20.835 ug/l

RT: 2.303 min Scan# 117

Delta R.T. 0.000 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBSD02

Tgt Ion: 50 Resp: 7645

Ion Ratio Lower Upper

50 100

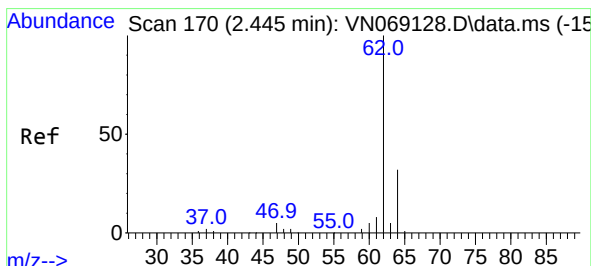
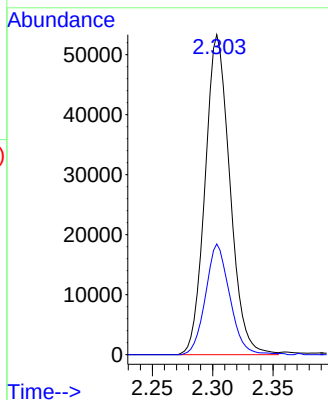
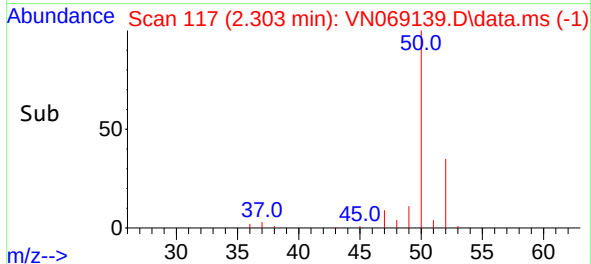
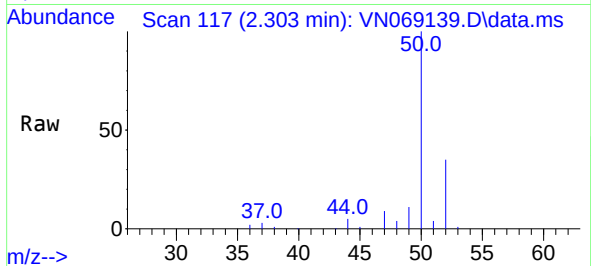
52 34.6 27.8 41.6

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#4

Vinyl Chloride

Concen: 20.282 ug/l

RT: 2.445 min Scan# 170

Delta R.T. 0.000 min

Lab File: VN069139.D

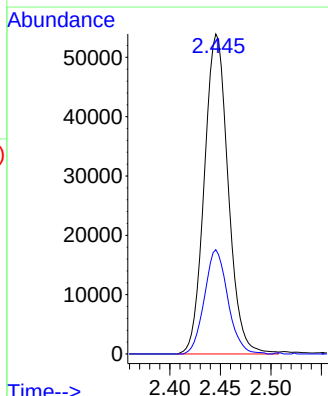
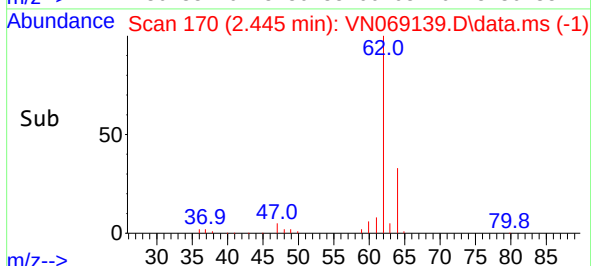
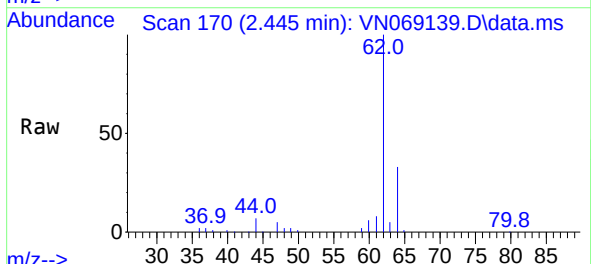
Acq: 22 Oct 2021 17:18

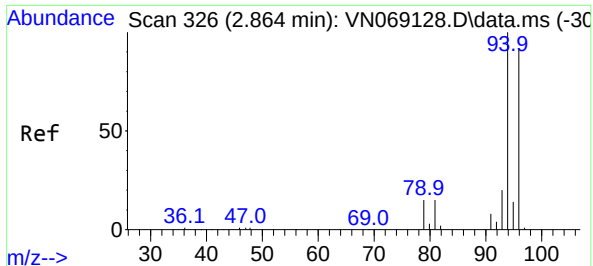
Tgt Ion: 62 Resp: 88717

Ion Ratio Lower Upper

62 100

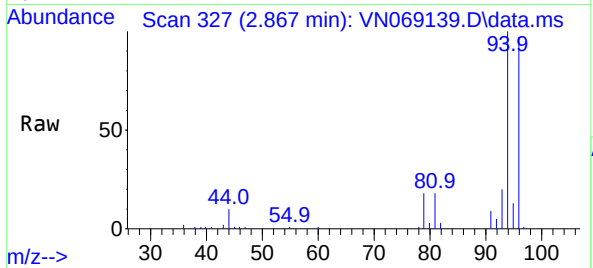
64 32.6 25.1 37.7





#5
Bromomethane
Concen: 21.436 ug/l
RT: 2.867 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

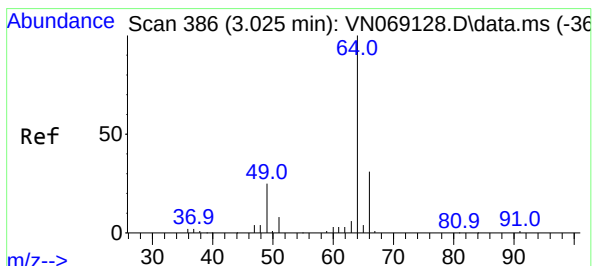
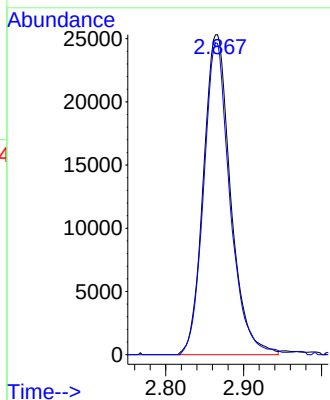
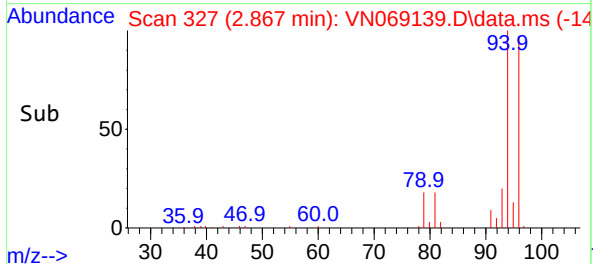
Instrument :
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ClientSampleId :
VN1022WBSD02



Tgt Ion: 94 Resp: 6149
Ion Ratio Lower Upper
94 100
96 97.3 75.2 112.8

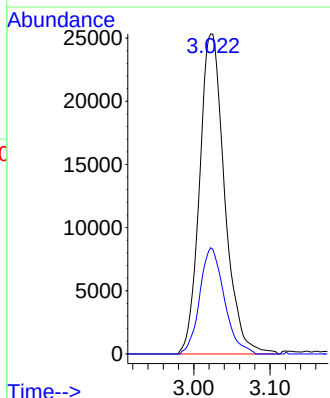
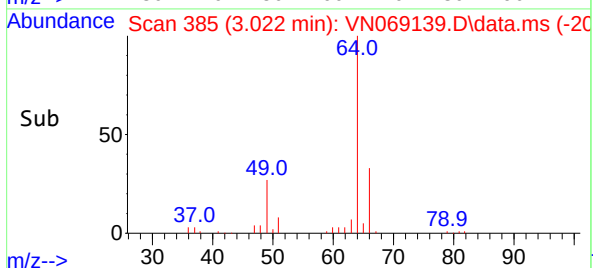
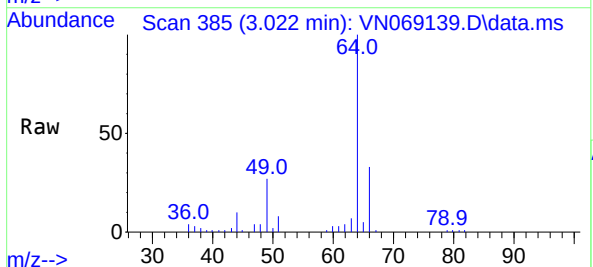
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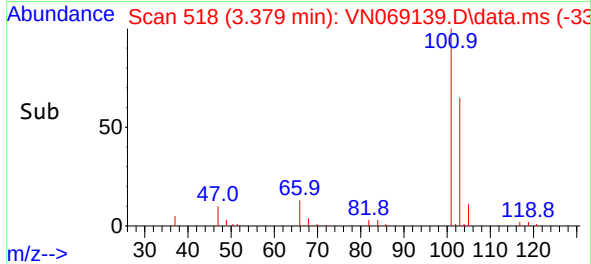
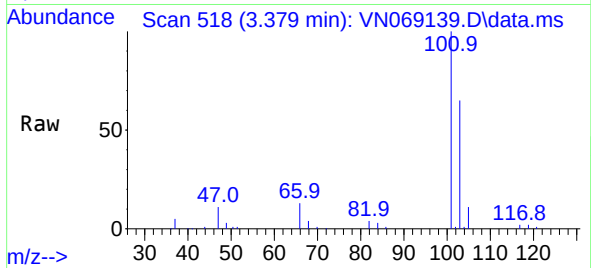
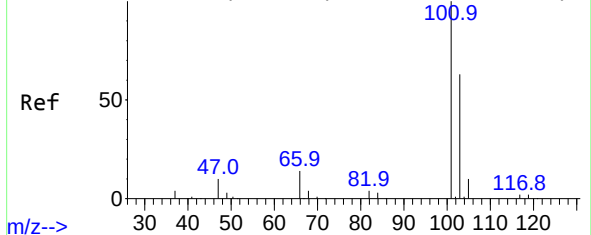


#6
Chloroethane
Concen: 20.348 ug/l
RT: 3.022 min Scan# 385
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 64 Resp: 57694
Ion Ratio Lower Upper
64 100
66 33.2 24.6 36.8



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



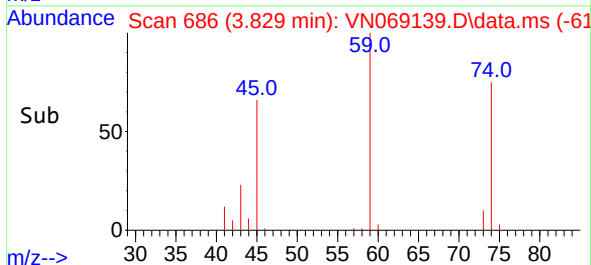
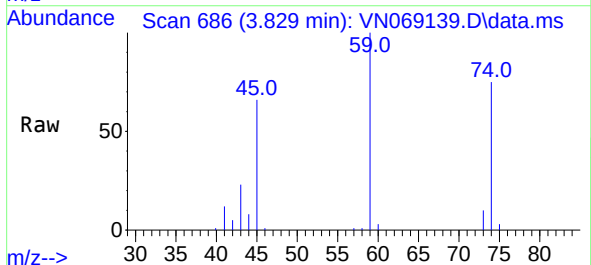
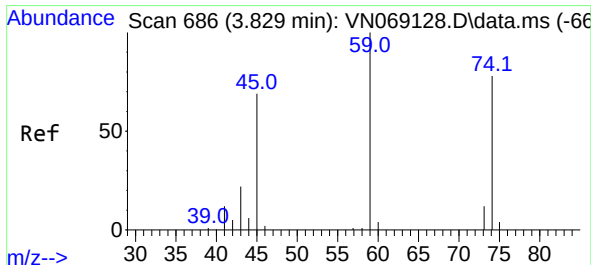
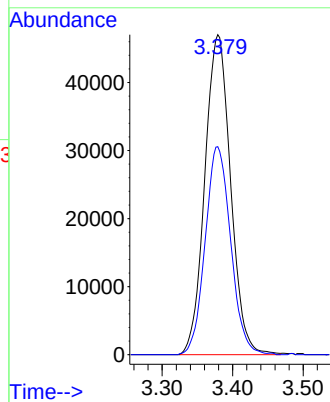
#7
Trichlorofluoromethane
Concen: 21.110 ug/l
RT: 3.379 min Scan# 518
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion:101 Resp: 11957
Ion Ratio Lower Upper
101 100
103 65.0 50.1 75.1

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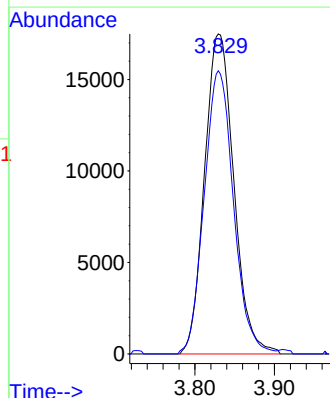
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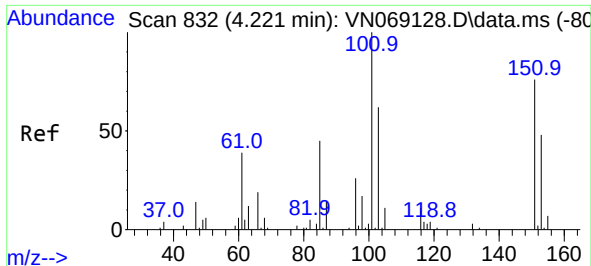
Reviewed By :John Carlone 10/25/2021
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#8
Diethyl Ether
Concen: 22.364 ug/l
RT: 3.829 min Scan# 686
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 74 Resp: 44849
Ion Ratio Lower Upper
74 100
45 88.5 17.6 158.8





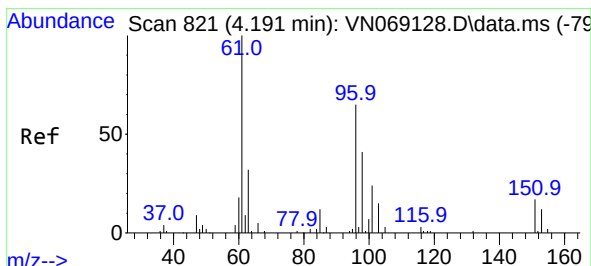
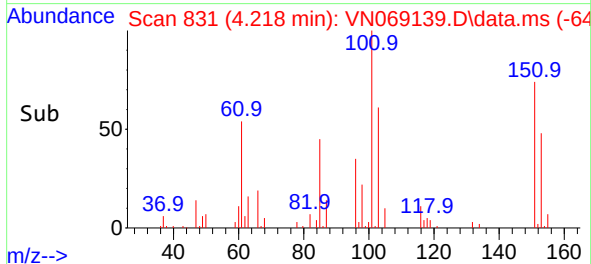
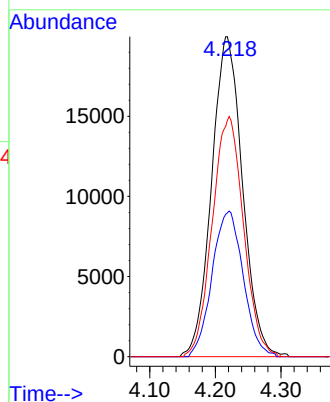
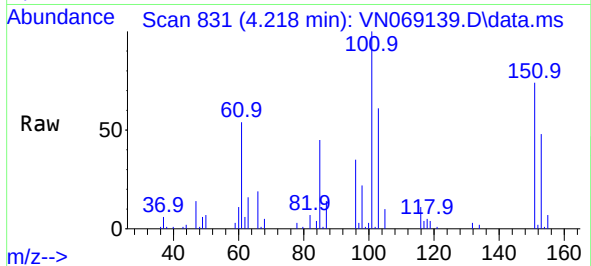
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.200 ug/l
RT: 4.218 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN069139.D
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Instrument :
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Tgt Ion:101 Resp: 65230
Ion Ratio Lower Upper
101 100
85 45.9 0.0 94.0
151 76.0 0.0 74.6

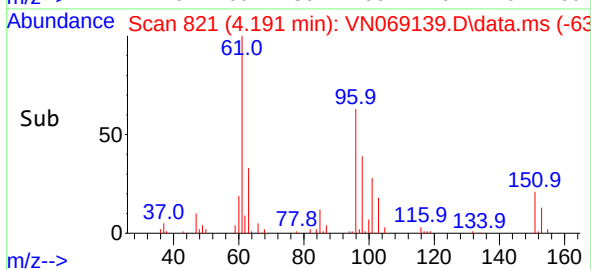
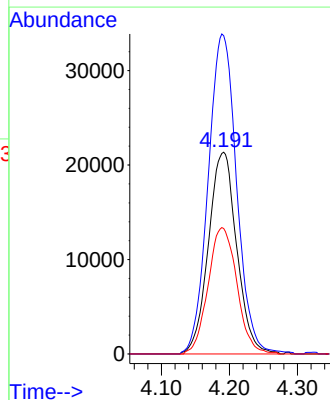
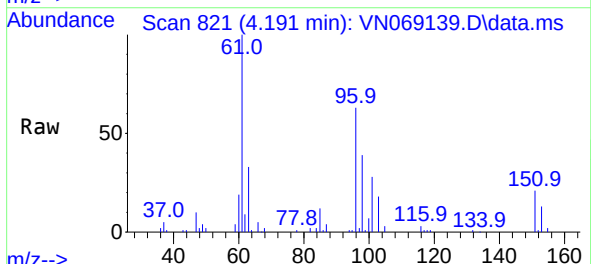
Manual Integrations
APPROVED

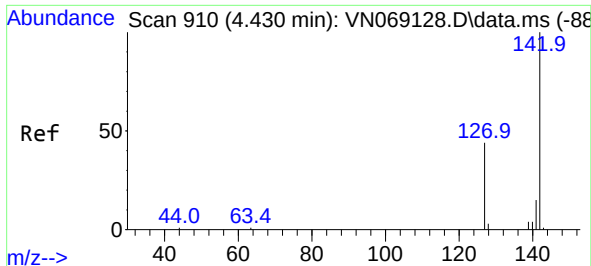
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#10
1,1-Dichloroethene
Concen: 20.594 ug/l
RT: 4.191 min Scan# 821
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

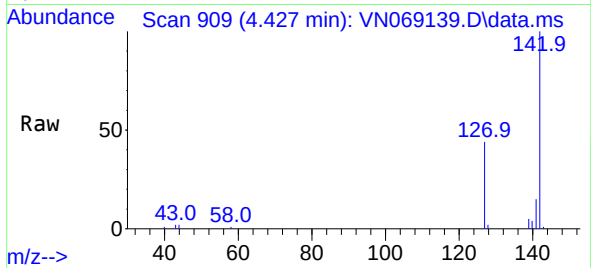
Tgt Ion: 96 Resp: 61828
Ion Ratio Lower Upper
96 100
61 157.7 126.2 189.4
98 62.2 50.9 76.3





#11
Methyl Iodide
Concen: 19.609 ug/l
RT: 4.427 min Scan# 909
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

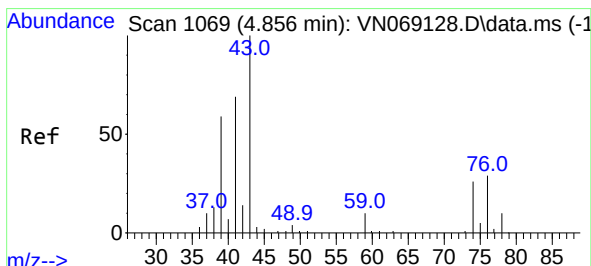
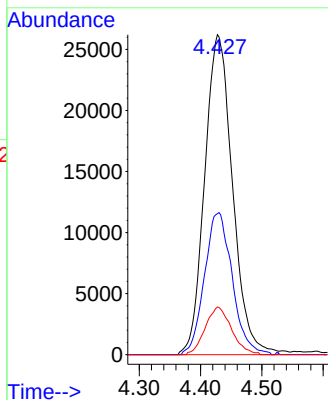
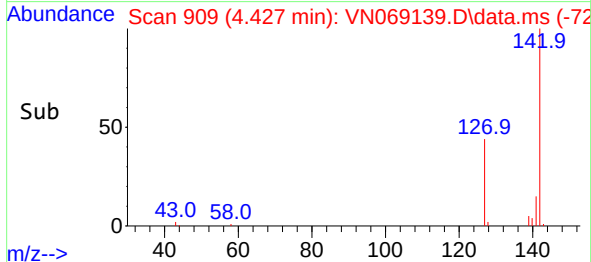
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



Tgt Ion:142 Resp: 82778
Ion Ratio Lower Upper
142 100
127 44.0 24.0 72.0
141 15.0 8.4 25.2

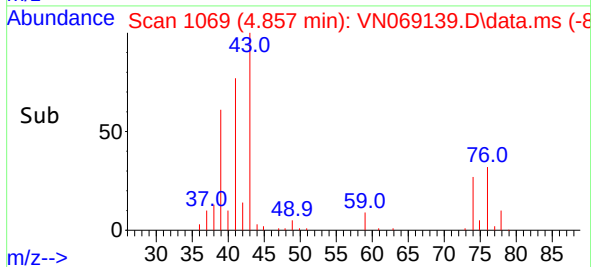
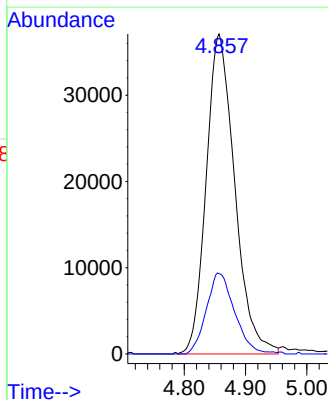
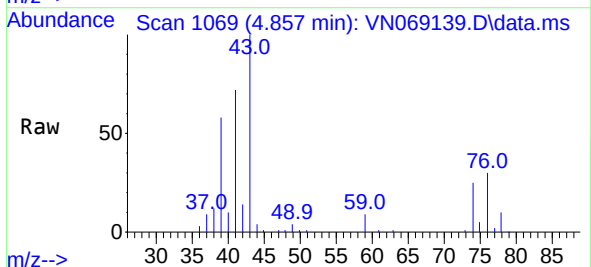
Manual Integrations
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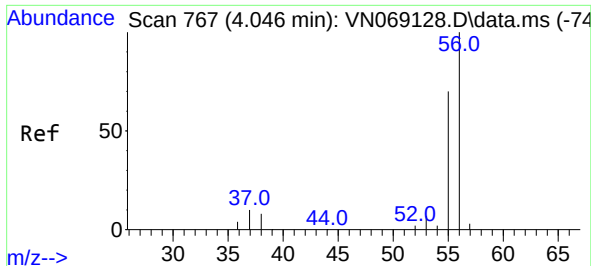
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#12
Methyl Acetate
Concen: 21.003 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

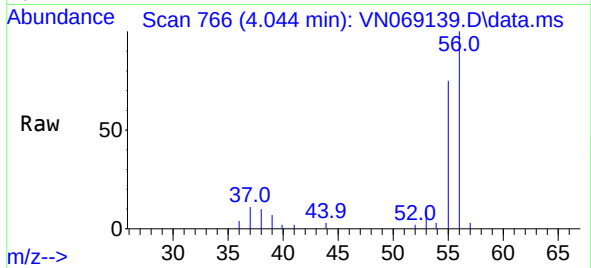
Tgt Ion: 43 Resp: 120094
Ion Ratio Lower Upper
43 100
74 25.1 20.8 31.2





#13
Acrolein
Concen: 86.052 ug/l
RT: 4.044 min Scan# 767
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

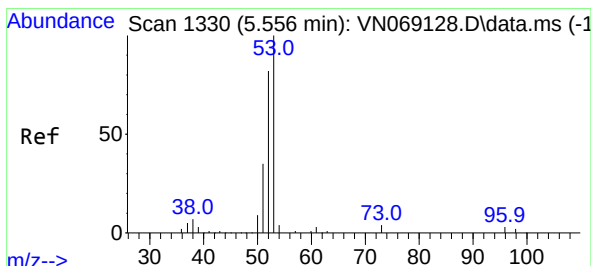
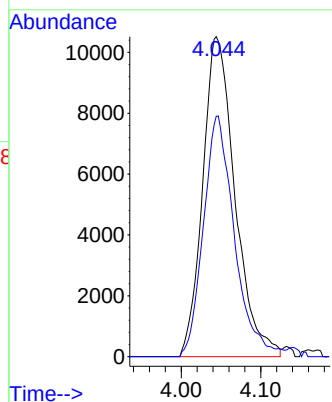
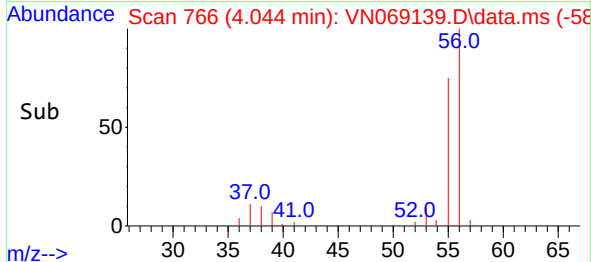
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



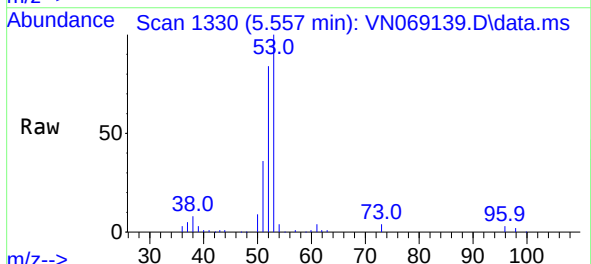
Tgt Ion: 56 Resp: 2964
Ion Ratio Lower Upper
56 100
55 71.7 57.6 86.4

Manual Integrations
APPROVED

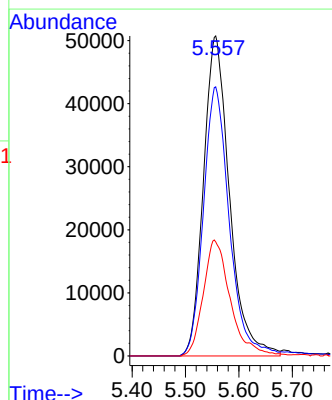
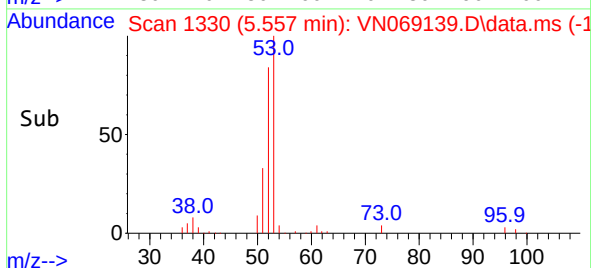
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

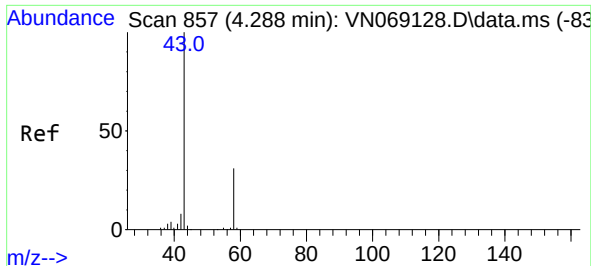


#14
Acrylonitrile
Concen: 105.832 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



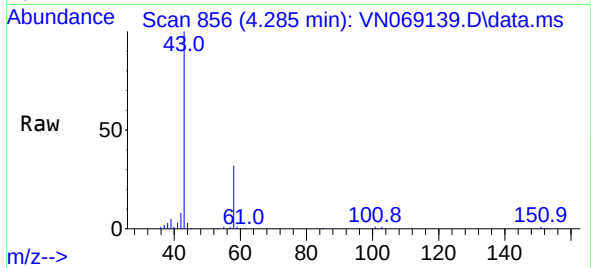
Tgt Ion: 53 Resp: 171701
Ion Ratio Lower Upper
53 100
52 82.6 41.8 125.4
51 35.5 19.0 57.0





#15
Acetone
Concen: 96.730 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

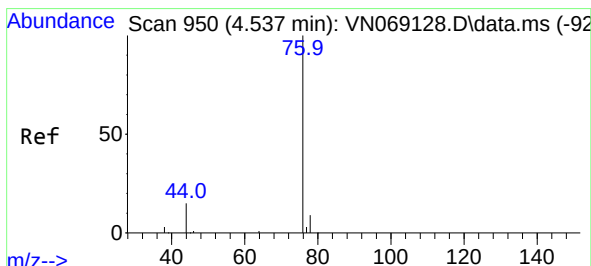
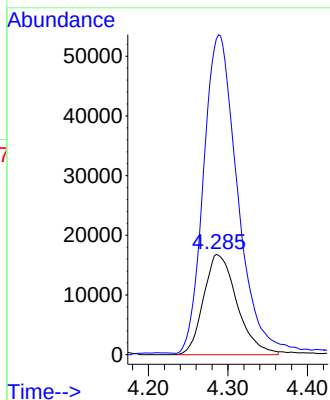
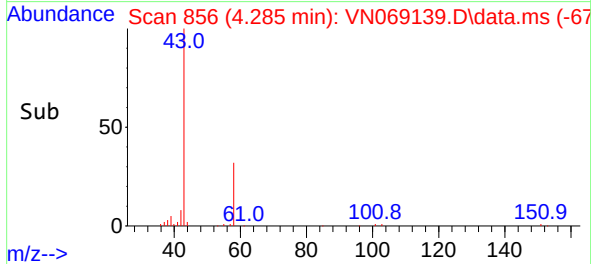
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



Tgt Ion: 58 Resp: 49058
Ion Ratio Lower Upper
58 100
43 312.6 256.6 384.8

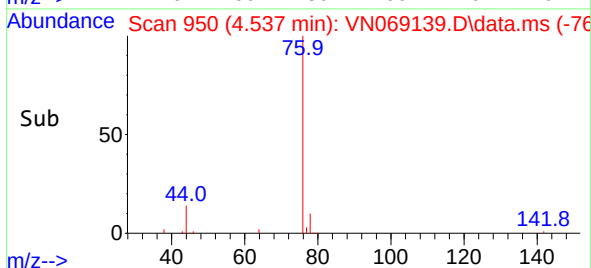
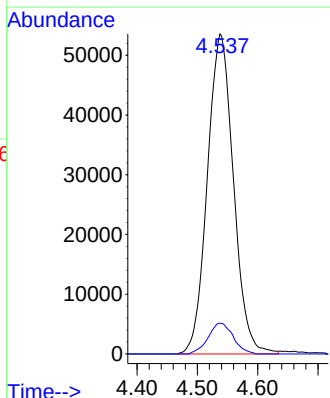
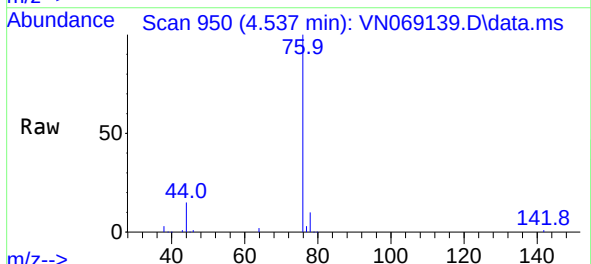
Manual Integrations
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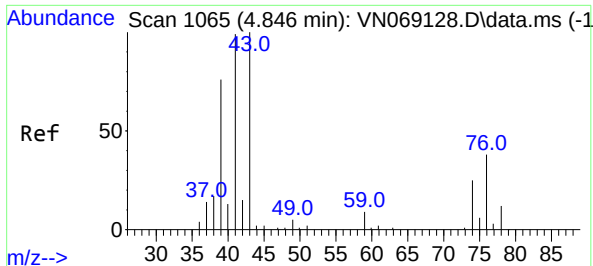
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#16
Carbon Disulfide
Concen: 19.988 ug/l
RT: 4.537 min Scan# 950
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

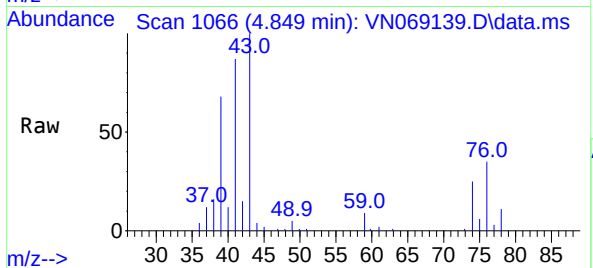
Tgt Ion: 76 Resp: 161245
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.8





Allyl chloride
 Concen: 20.481 ug/l
 RT: 4.849 min Scan# 1066
 Delta R.T. 0.003 min
 Lab File: VN069139.D
 Acq: 22 Oct 2021 17:18

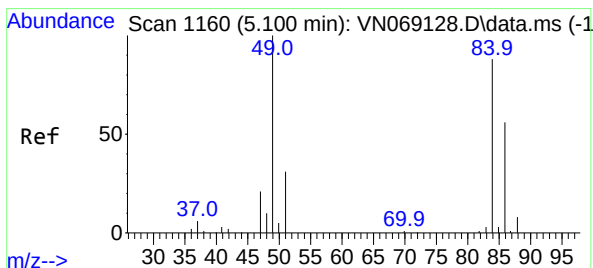
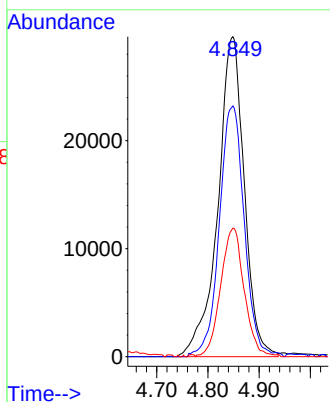
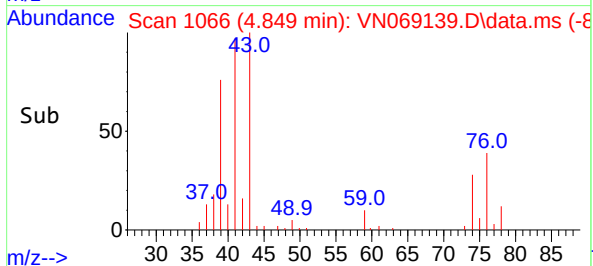
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBSD02



Tgt Ion: 41 Resp: 10589
 Ion Ratio Lower Upper
 41 100
 39 78.3 44.6 134.0
 76 39.7 19.6 58.7

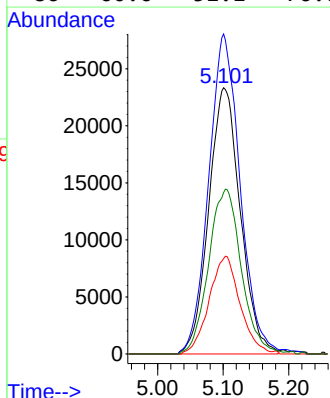
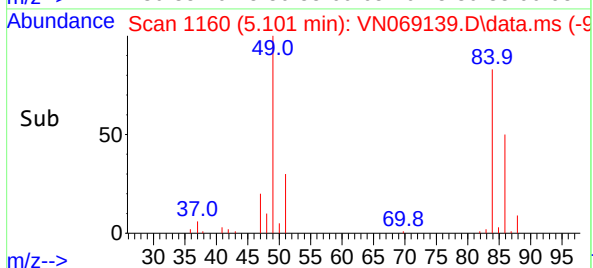
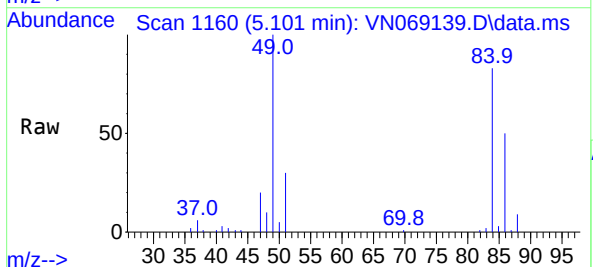
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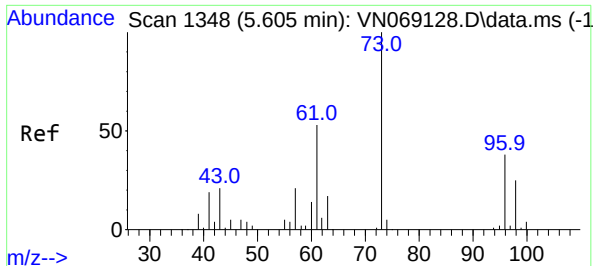
Reviewed By :John Carlone 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



Methylene Chloride
 Concen: 21.910 ug/l
 RT: 5.101 min Scan# 1160
 Delta R.T. 0.000 min
 Lab File: VN069139.D
 Acq: 22 Oct 2021 17:18

Tgt Ion: 84 Resp: 78167
 Ion Ratio Lower Upper
 84 100
 49 120.2 91.4 137.0
 51 35.8 29.4 44.0
 86 60.6 51.1 76.7





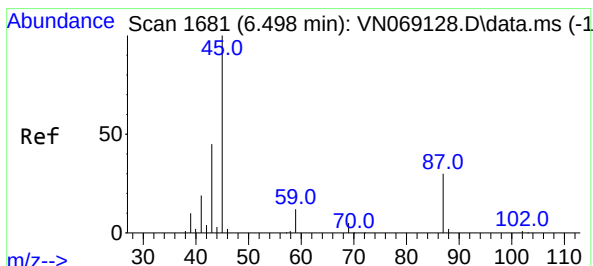
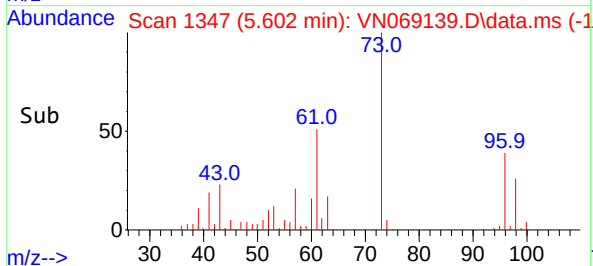
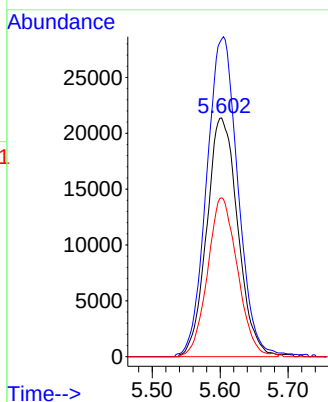
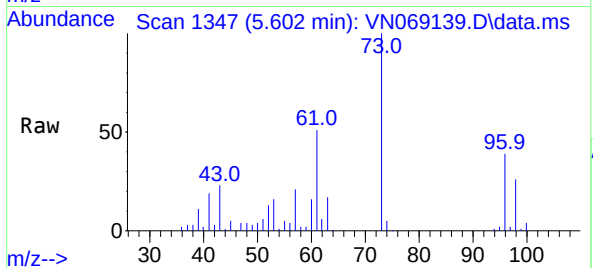
#19
trans-1,2-Dichloroethene
Concen: 20.800 ug/l
RT: 5.602 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tgt Ion: 96 Resp: 6781
Ion Ratio Lower Upper
96 100
61 131.8 102.8 154.2
98 66.6 49.3 73.9

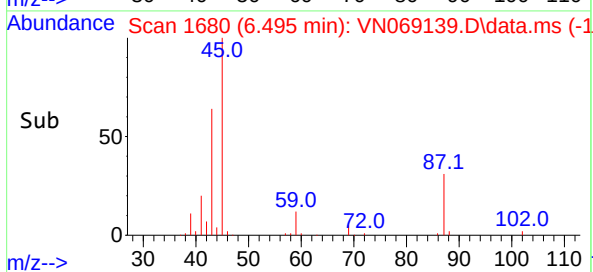
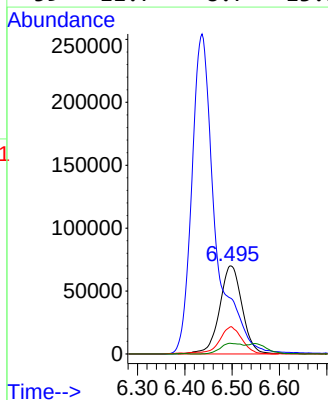
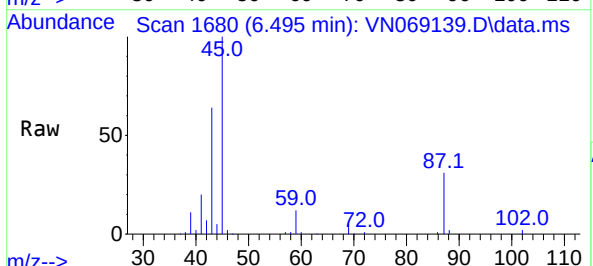
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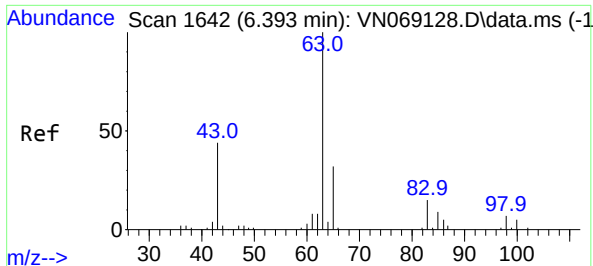
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#20
Diisopropyl ether
Concen: 21.028 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 45 Resp: 232238
Ion Ratio Lower Upper
45 100
43 61.1 51.0 76.4
87 30.3 25.0 37.4
59 11.7 8.7 13.1





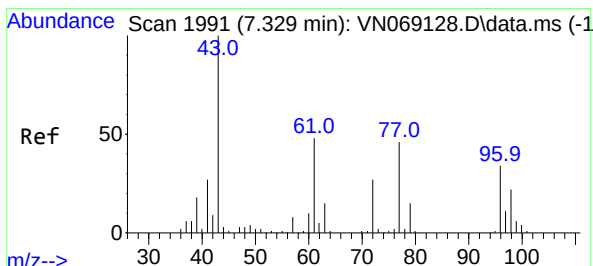
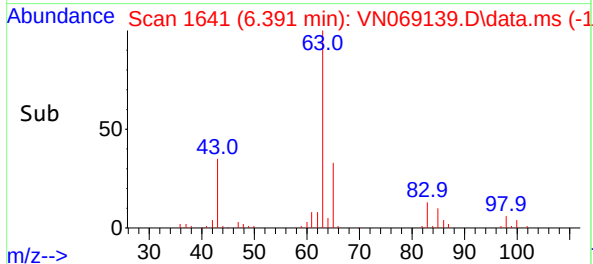
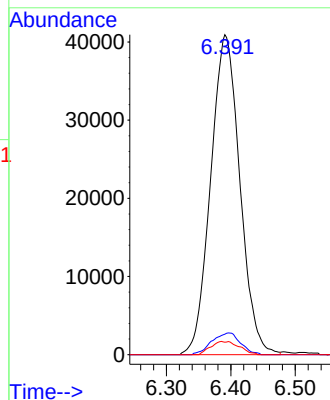
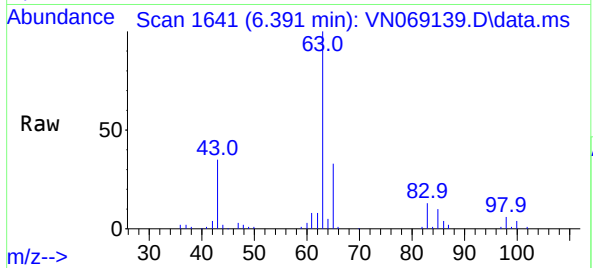
#21
1,1-Dichloroethane
Concen: 20.911 ug/l
RT: 6.391 min Scan# 1
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tgt Ion: 63 Resp: 12889
Ion Ratio Lower Upper
63 100
98 6.4 3.2 9.6
100 3.9 2.1 6.2

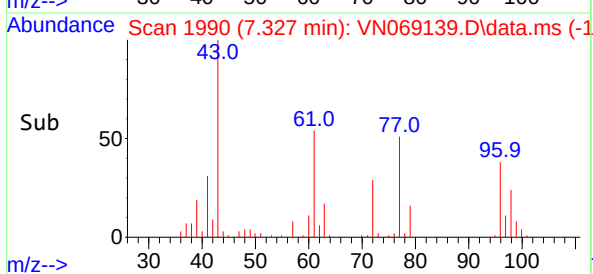
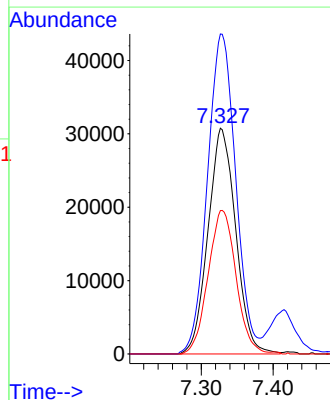
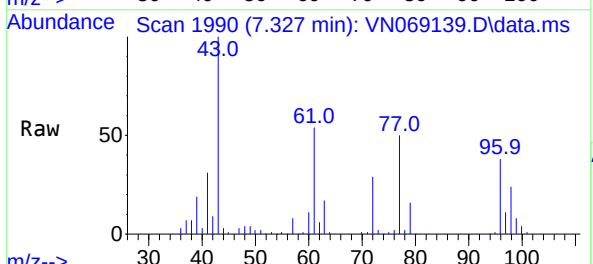
Manual Integrations
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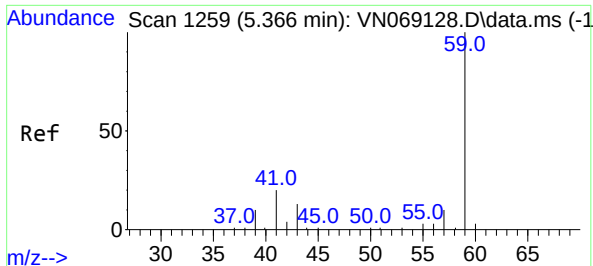
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#22
cis-1,2-Dichloroethene
Concen: 21.092 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 96 Resp: 82419
Ion Ratio Lower Upper
96 100
61 144.5 115.7 173.5
98 64.1 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 104.558 ug/l

RT: 5.363 min Scan# 11

Delta R.T. -0.003 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBSD02

Tgt Ion: 59 Resp: 6960

Ion Ratio Lower Upper

59 100

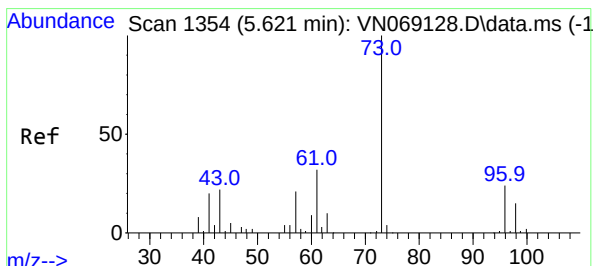
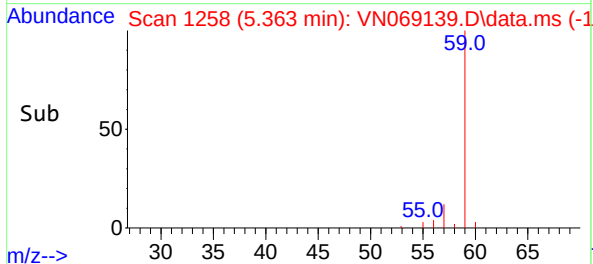
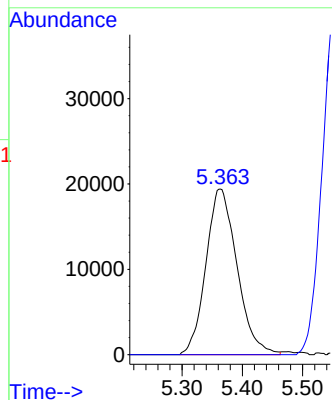
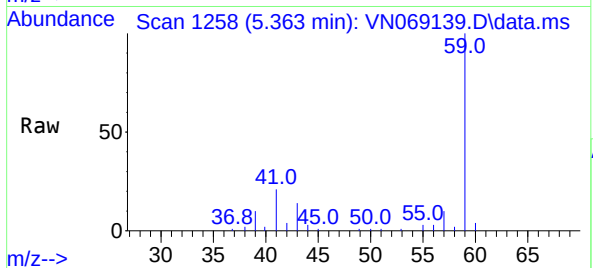
52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#24

Methyl tert-Butyl Ether

Concen: 21.499 ug/l

RT: 5.616 min Scan# 1352

Delta R.T. -0.005 min

Lab File: VN069139.D

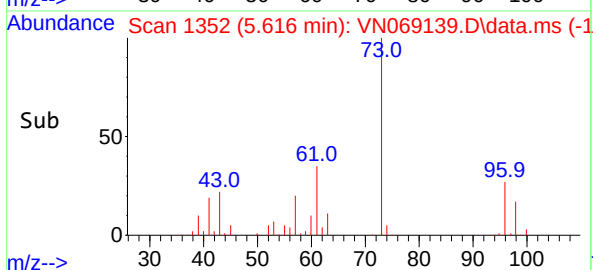
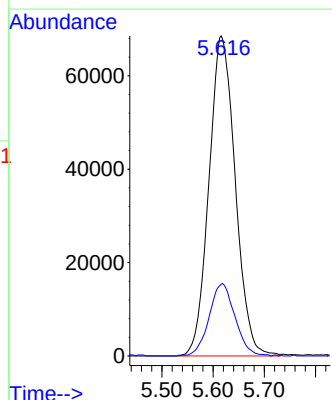
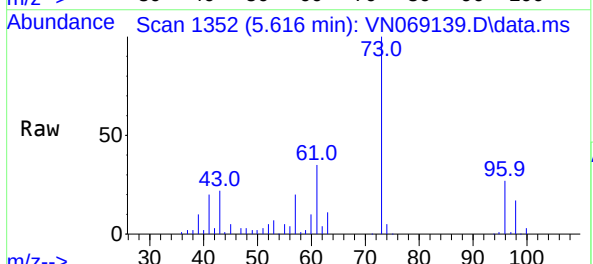
Acq: 22 Oct 2021 17:18

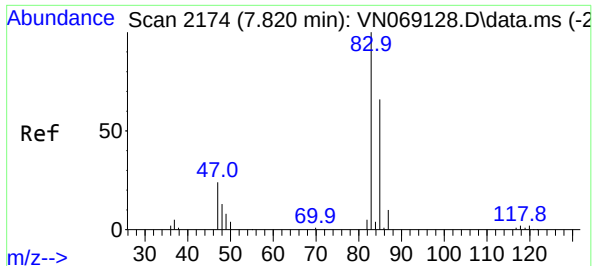
Tgt Ion: 73 Resp: 244821

Ion Ratio Lower Upper

73 100

43 22.2 18.1 27.1





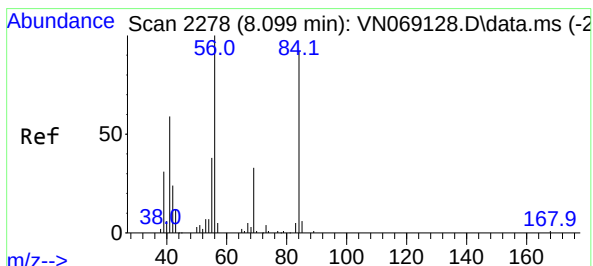
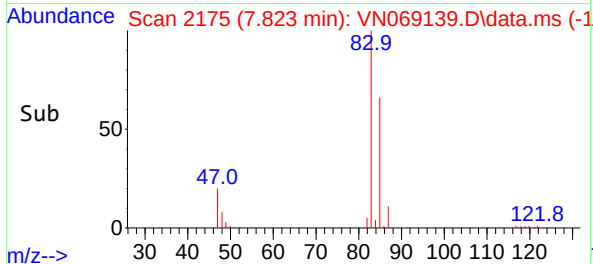
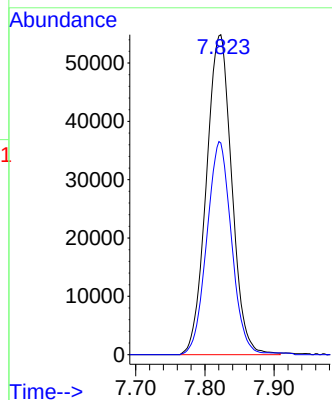
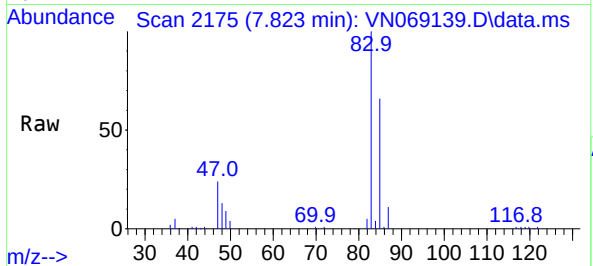
#25
Chloroform
Concen: 21.226 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. 0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tgt Ion: 83 Resp: 139814
Ion Ratio Lower Upper
83 100
85 66.1 51.3 76.9

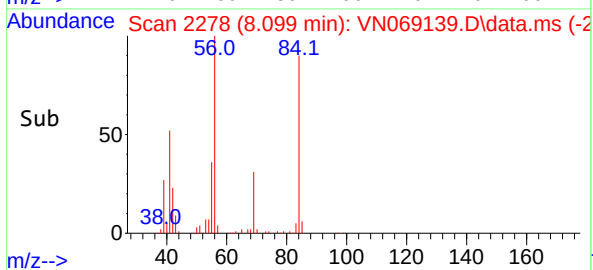
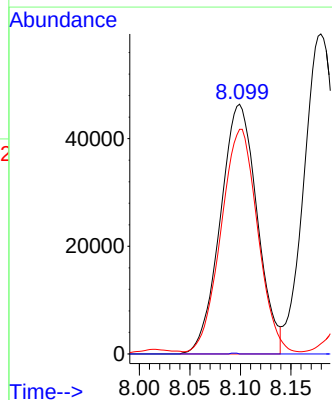
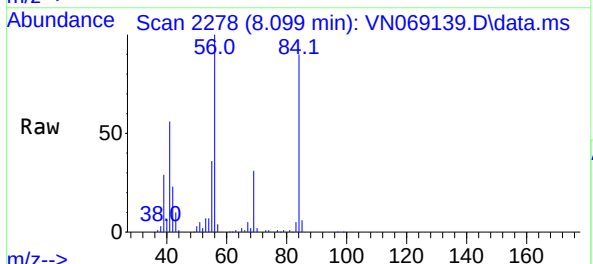
Manual Integrations
APPROVED

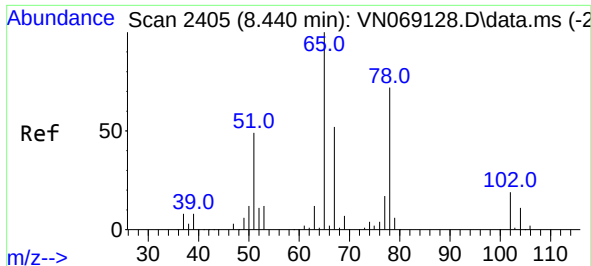
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#26
Cyclohexane
Concen: 20.750 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

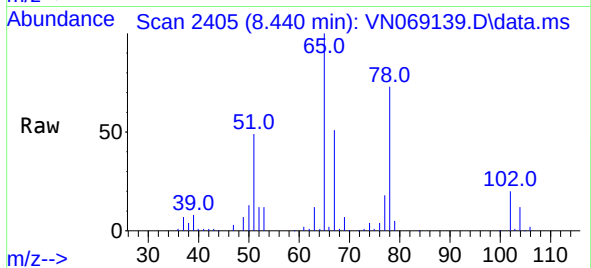
Tgt Ion: 56 Resp: 117812
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 90.3 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 30.452 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

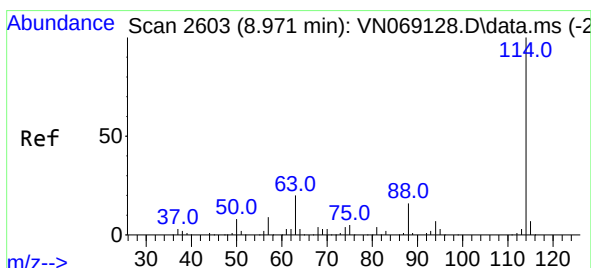
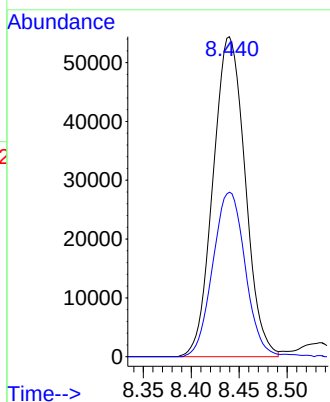
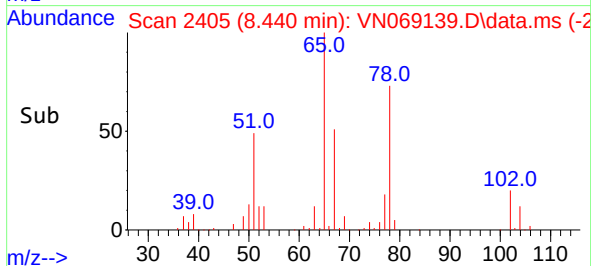
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



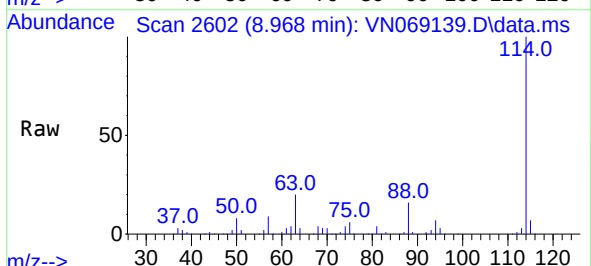
Tgt Ion: 65 Resp: 12661
Ion Ratio Lower Upper
65 100
67 51.8 40.2 60.2

Manual Integrations
APPROVED

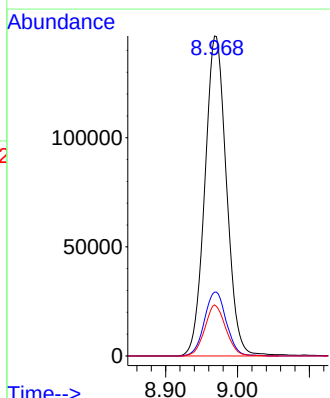
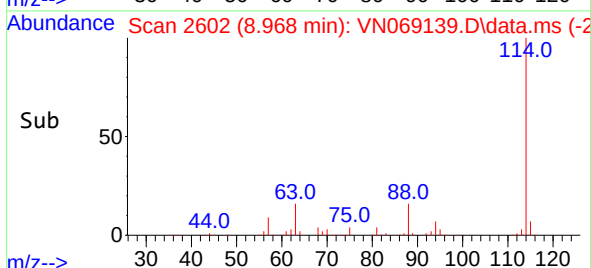
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

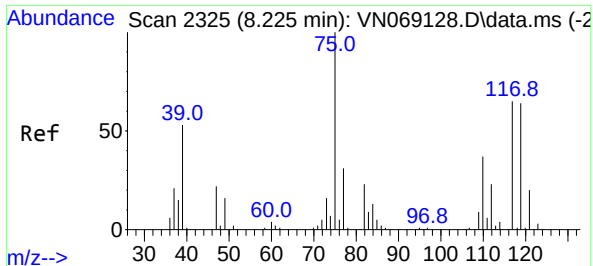


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



Tgt Ion:114 Resp: 306193
Ion Ratio Lower Upper
114 100
63 20.3 15.8 23.6
88 15.5 11.6 17.4





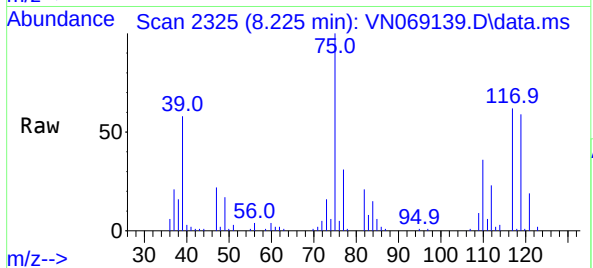
#29
1,1-Dichloropropene
Concen: 20.828 ug/l
RT: 8.225 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBSD02

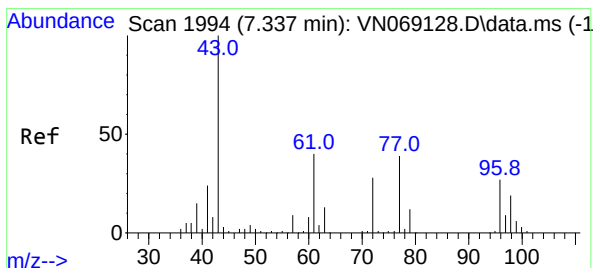
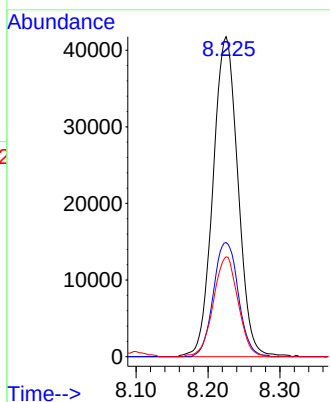
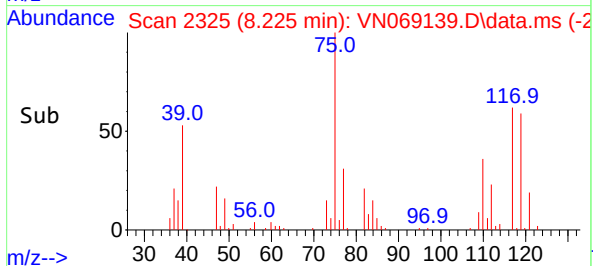


Tgt Ion: 75 Resp: 100361
Ion Ratio Lower Upper
75 100
110 35.7 0.0 74.2
77 31.0 0.0 63.2

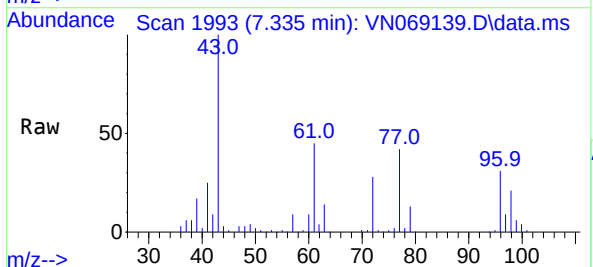
Manual Integrations

APPROVED

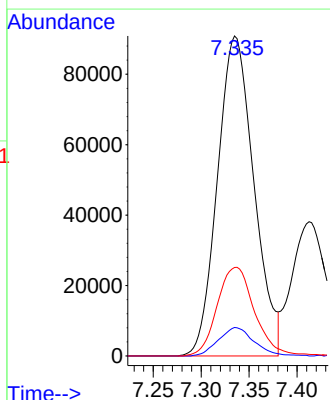
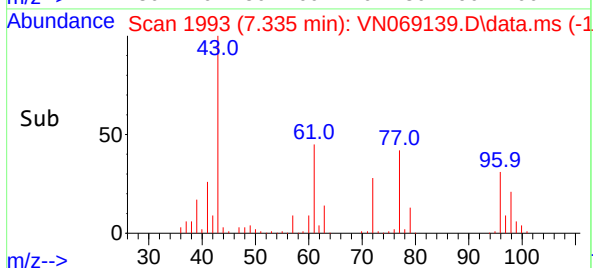
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

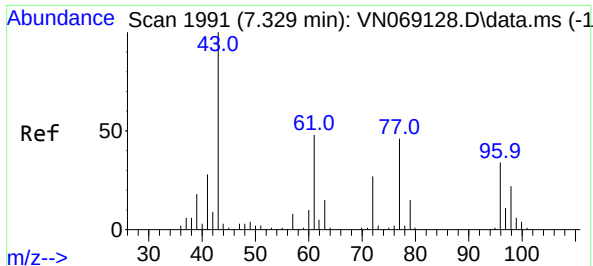


#30
2-Butanone
Concen: 103.921 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



Tgt Ion: 43 Resp: 240449
Ion Ratio Lower Upper
43 100
57 8.7 6.7 10.1
72 28.3 23.2 34.8





#31
2,2-Dichloropropane
Concen: 20.445 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

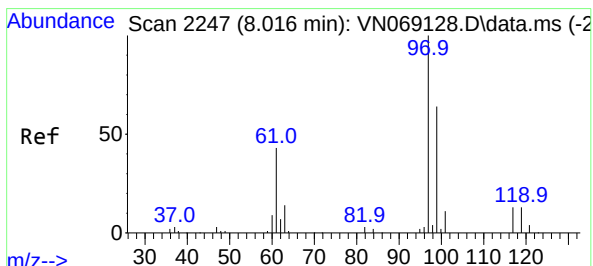
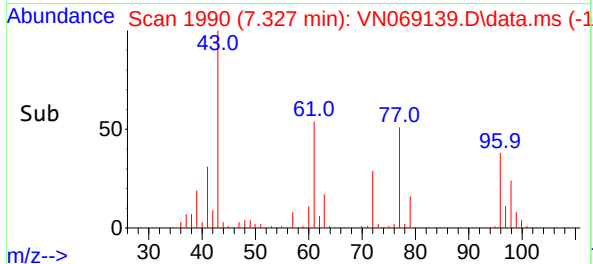
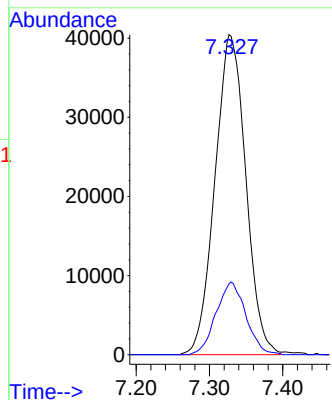
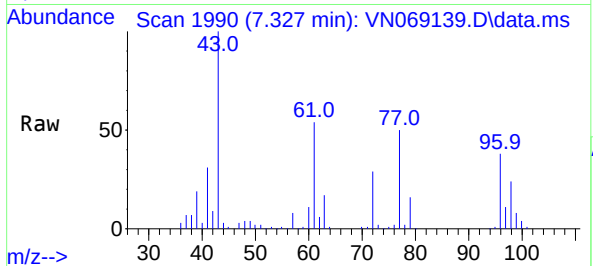
VN1022WBSD02

Tgt Ion: 77 Resp: 118025
Ion Ratio Lower Upper
77 100
97 22.0 18.3 27.5

Manual Integrations

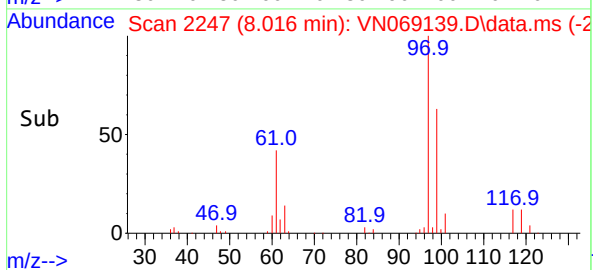
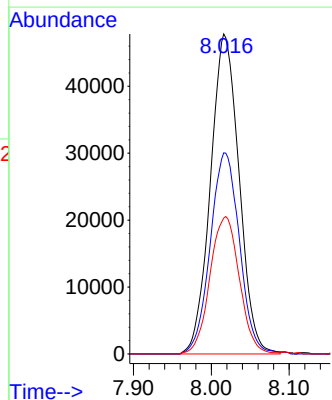
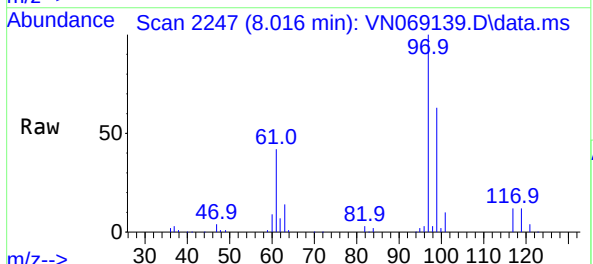
APPROVED

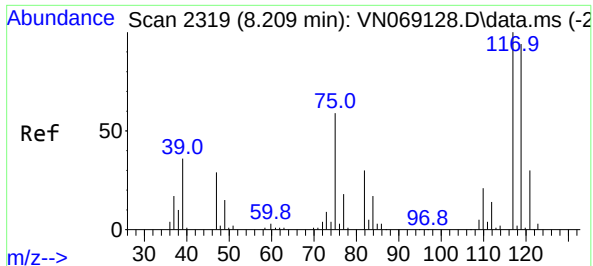
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#32
1,1,1-Trichloroethane
Concen: 20.351 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

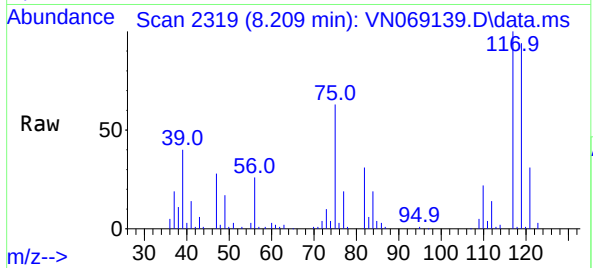
Tgt Ion: 97 Resp: 122019
Ion Ratio Lower Upper
97 100
99 64.4 50.4 75.6
61 44.2 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.467 ug/l
RT: 8.209 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

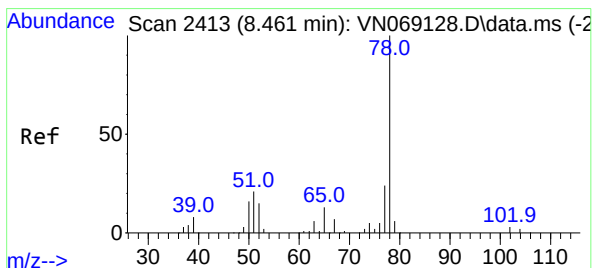
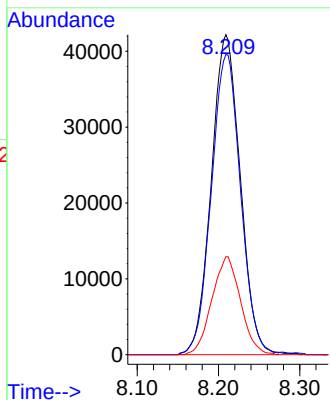
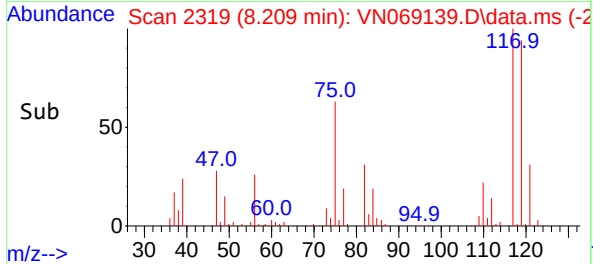
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



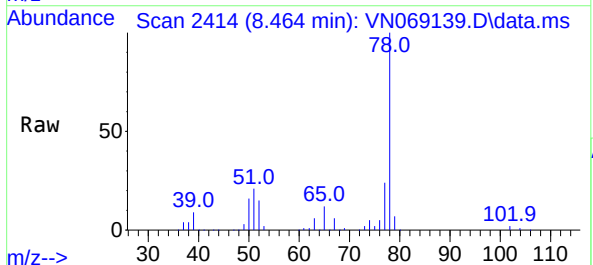
Tgt Ion:117 Resp: 10423
Ion Ratio Lower Upper
117 100
119 93.8 77.5 116.3
121 30.6 23.5 35.3

Manual Integrations
APPROVED

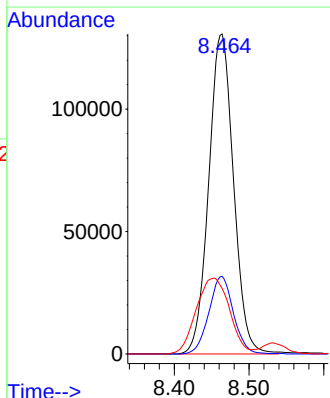
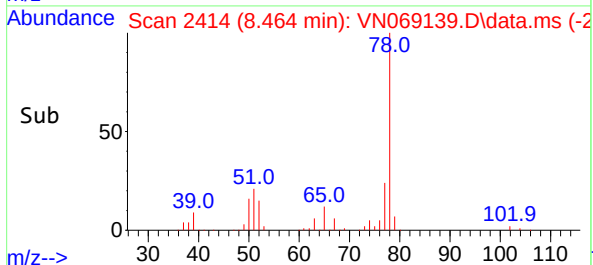
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

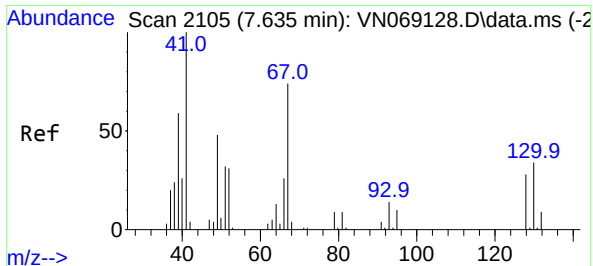


#34
Benzene
Concen: 20.920 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



Tgt Ion: 78 Resp: 301007
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7
51 19.5 16.0 24.0





#35
Methacrylonitrile
Concen: 20.715 ug/l
RT: 7.638 min Scan# 2105
Delta R.T. 0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

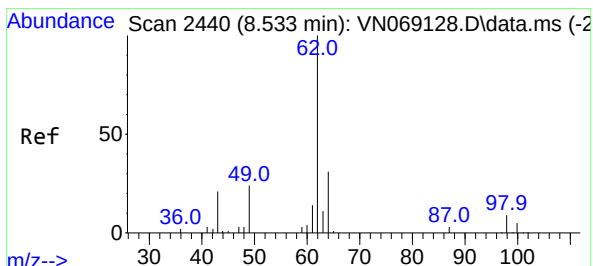
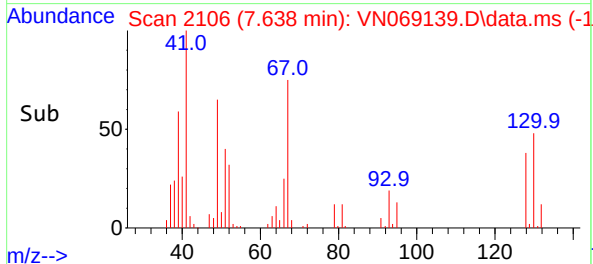
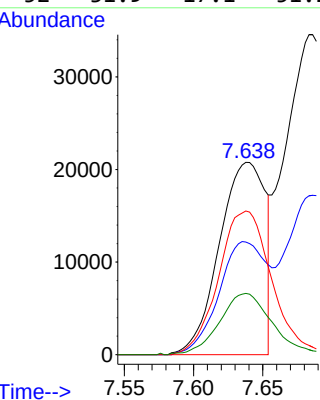
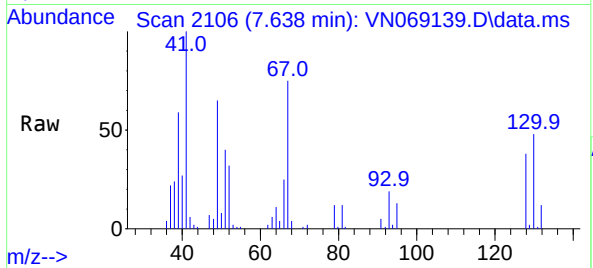
VN1022WBSD02

Tgt Ion: 41 Resp: 47760
Ion Ratio Lower Upper
41 100
39 58.6 28.0 83.9
67 74.7 37.7 113.1
52 31.9 17.1 51.2

Manual Integrations

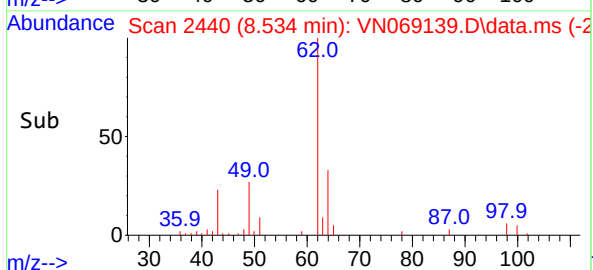
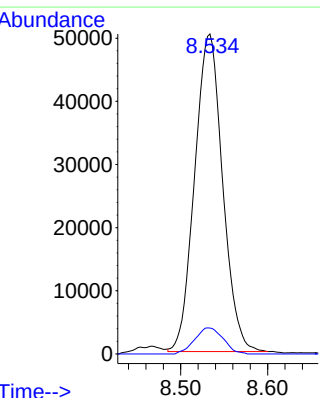
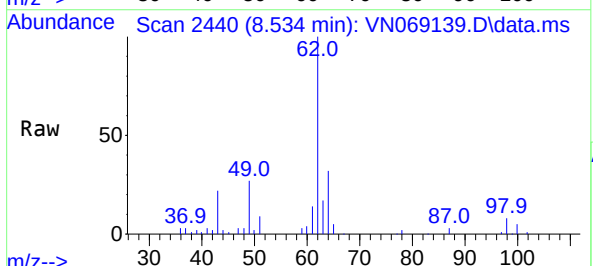
APPROVED

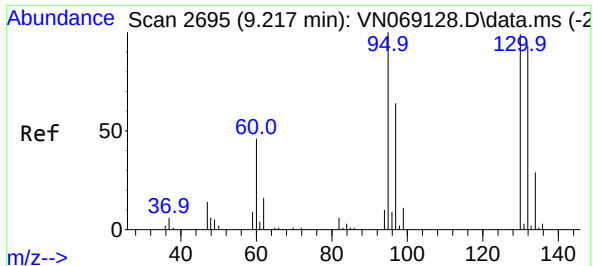
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#36
1,2-Dichloroethane
Concen: 21.640 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 62 Resp: 112378
Ion Ratio Lower Upper
62 100
98 8.4 6.6 10.0





#37

Trichloroethene

Concen: 20.817 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. 0.000 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBSD02

Tgt Ion:130 Resp: 76160

Ion Ratio Lower Upper

130 100

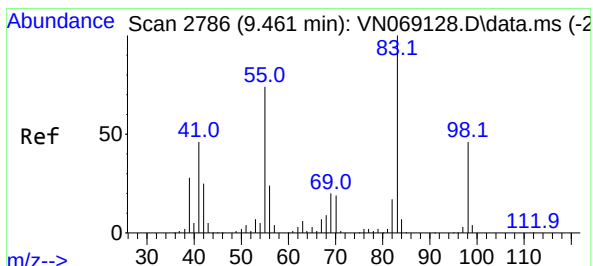
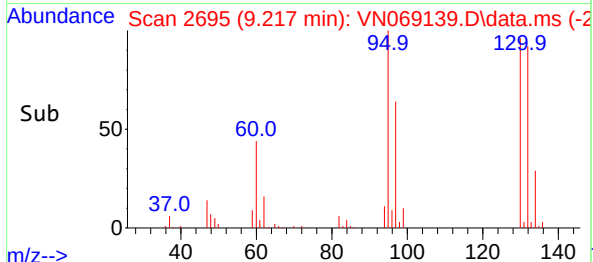
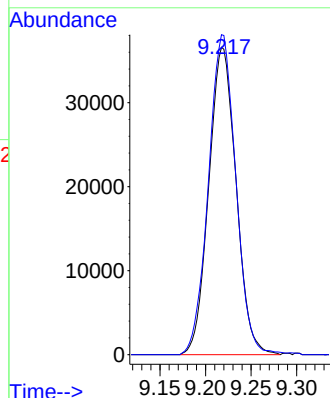
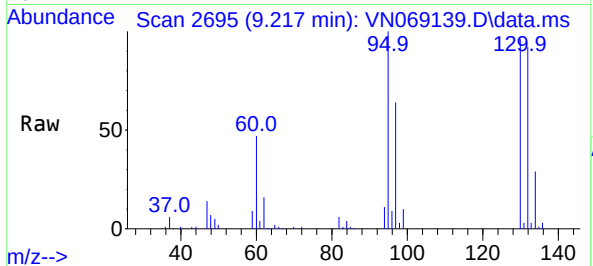
95 104.1 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#38

Methylcyclohexane

Concen: 21.291 ug/l

RT: 9.462 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

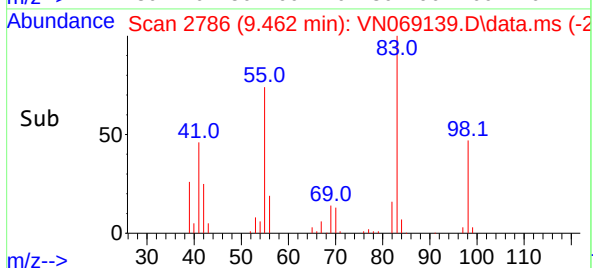
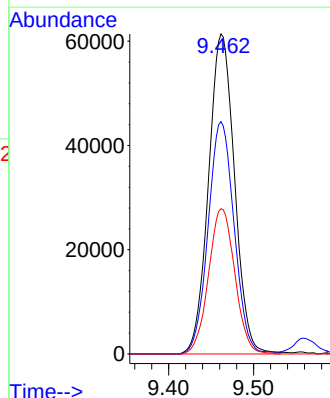
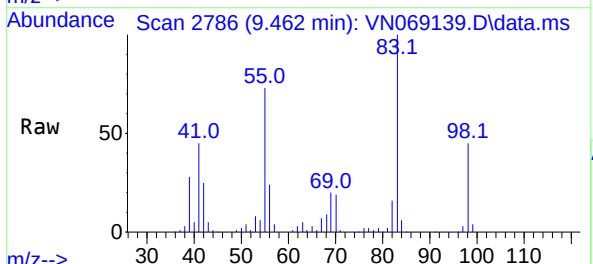
Tgt Ion: 83 Resp: 130605

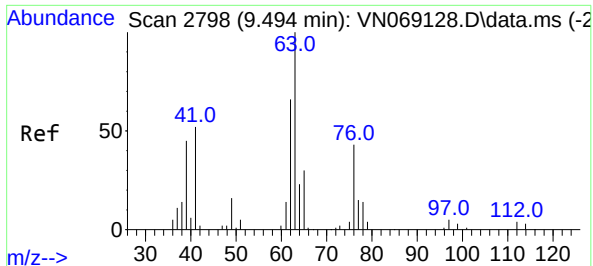
Ion Ratio Lower Upper

83 100

55 72.6 35.1 105.3

98 45.9 23.4 70.2





#39

1,2-Dichloropropane

Concen: 21.500 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBSD02

Tgt Ion: 63 Resp: 7888

Ion Ratio Lower Upper

63 100

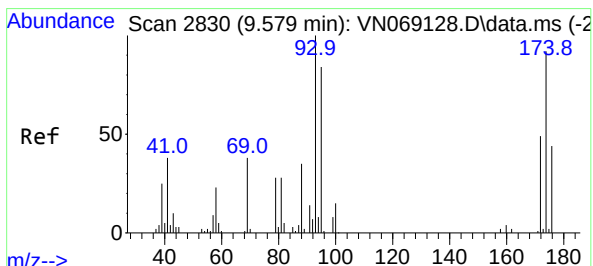
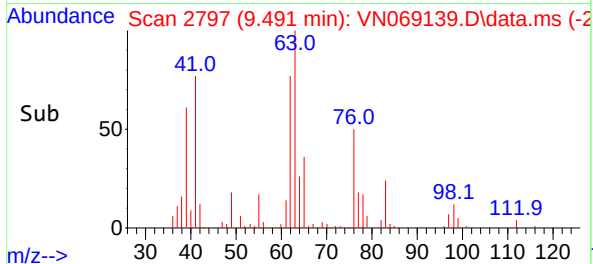
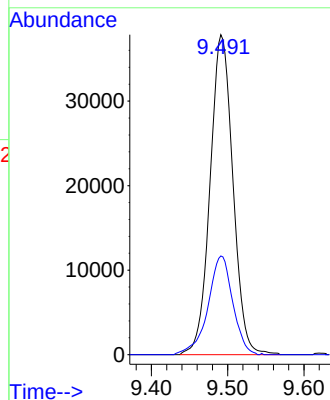
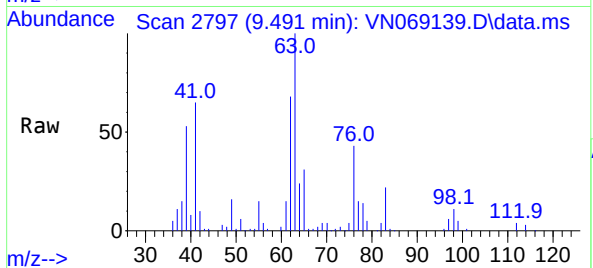
65 30.8 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#40

Dibromomethane

Concen: 21.501 ug/l

RT: 9.580 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VN069139.D

Acq: 22 Oct 2021 17:18

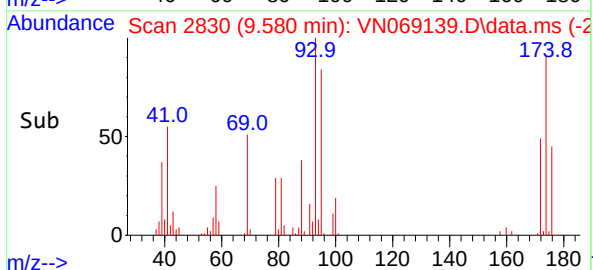
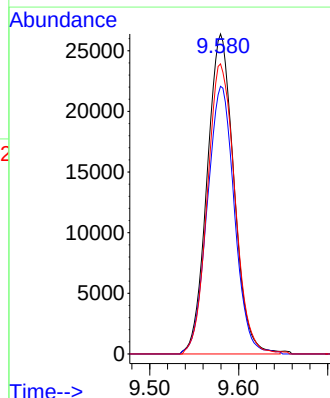
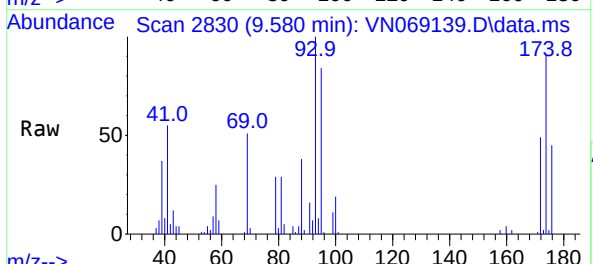
Tgt Ion: 93 Resp: 55156

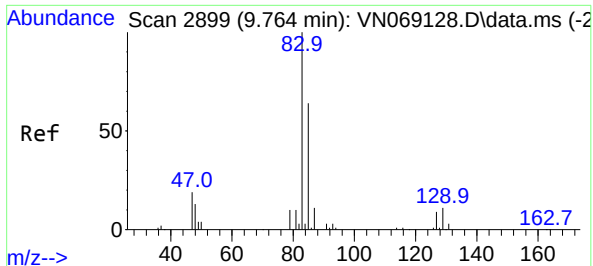
Ion Ratio Lower Upper

93 100

95 84.4 0.0 168.8

174 92.8 0.0 173.6





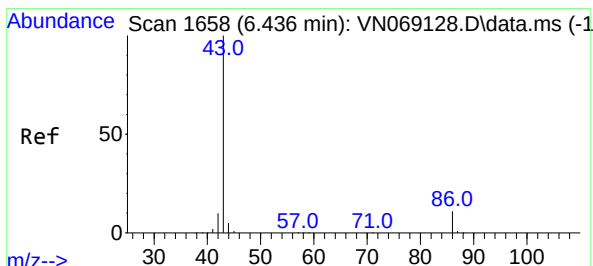
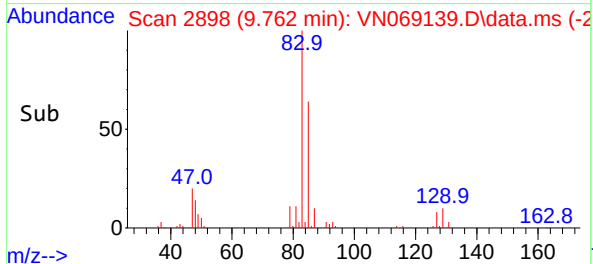
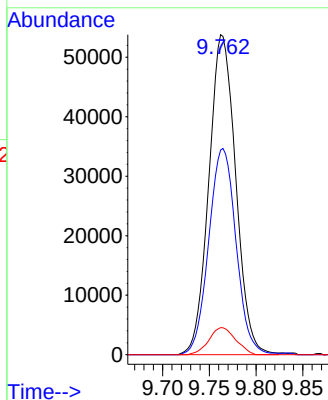
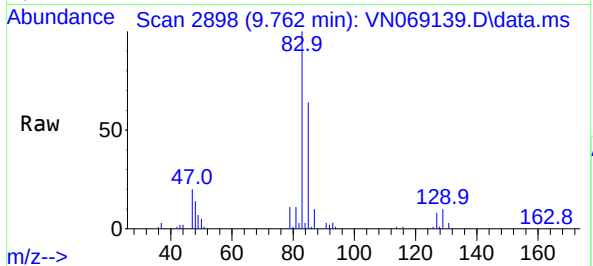
#41
Bromodichloromethane
Concen: 21.029 ug/l
RT: 9.762 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tgt Ion: 83 Resp: 107792
Ion Ratio Lower Upper
83 100
85 64.0 54.1 81.1
127 8.4 7.6 11.4

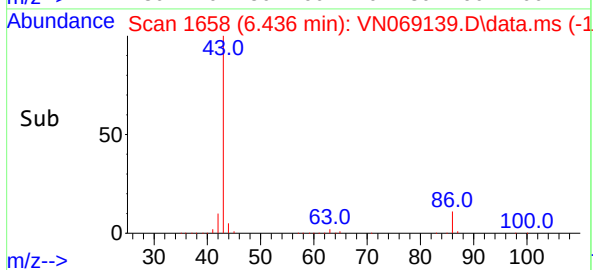
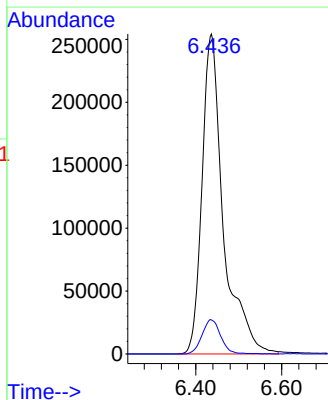
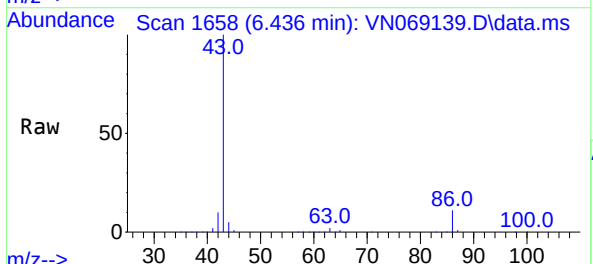
Manual Integrations
APPROVED

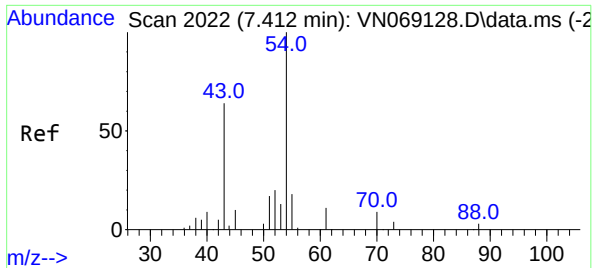
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#42
Vinyl Acetate
Concen: 105.993 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 43 Resp: 875085
Ion Ratio Lower Upper
43 100
86 9.3 7.5 11.3





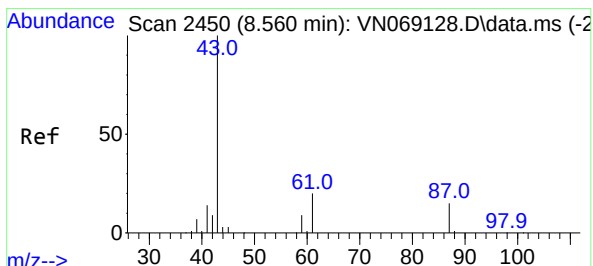
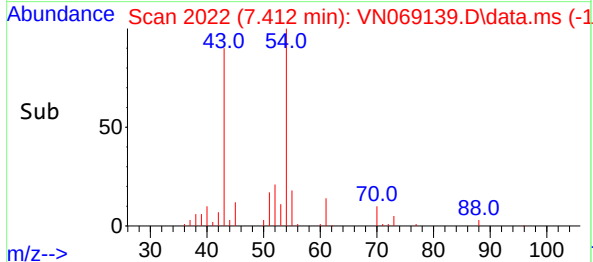
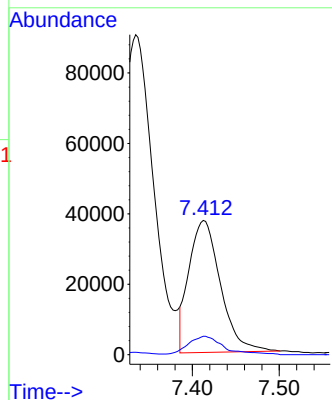
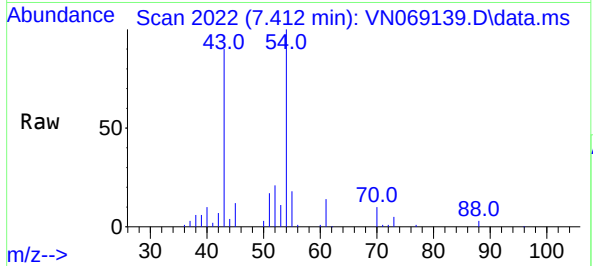
#43
Ethyl Acetate
Concen: 20.922 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tgt Ion: 43 Resp: 9443
Ion Ratio Lower Upper
43 100
45 15.7 10.6 16.0

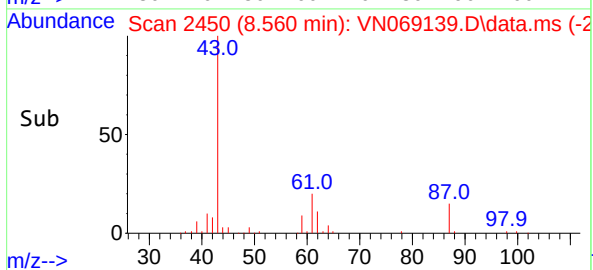
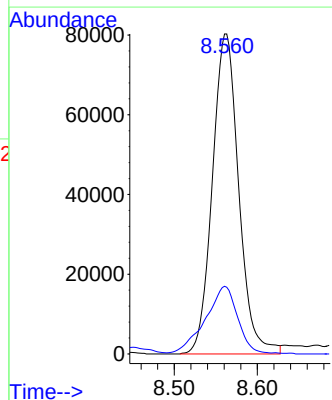
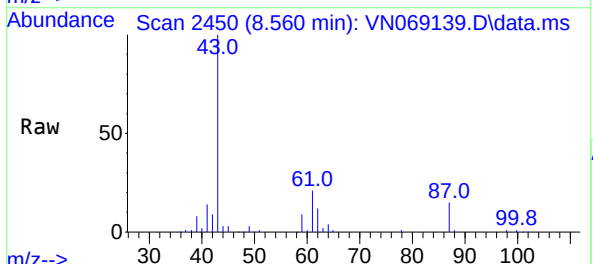
Manual Integrations
APPROVED

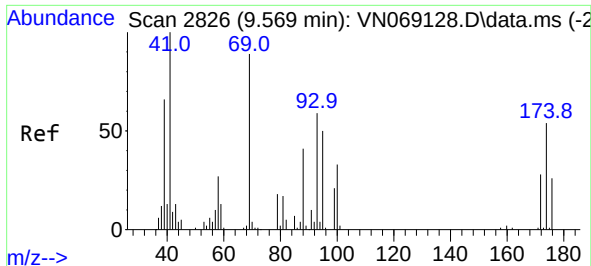
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#44
Isopropyl Acetate
Concen: 21.192 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

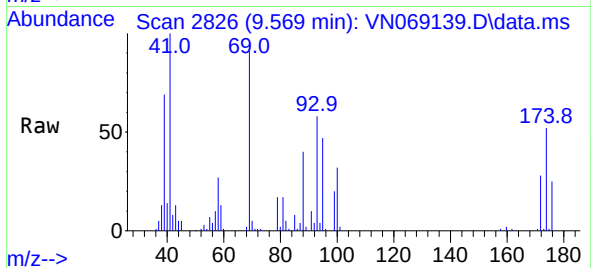
Tgt Ion: 43 Resp: 177105
Ion Ratio Lower Upper
43 100
61 25.7 20.1 30.1





#45
1,4-Dioxane
Concen: 430.334 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

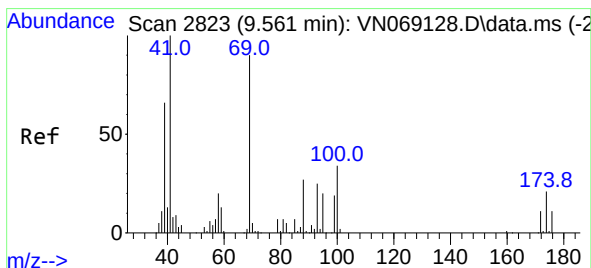
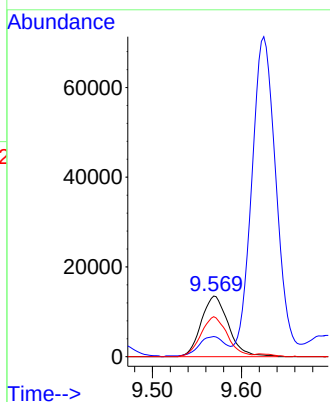
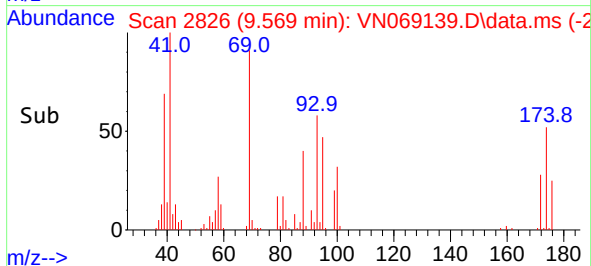
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



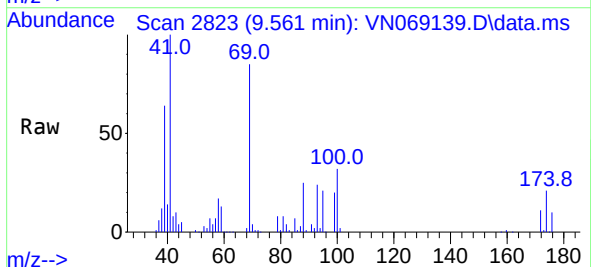
Tgt Ion: 88 Resp: 2878
Ion Ratio Lower Upper
88 100
43 29.9 25.0 37.6
58 64.1 49.4 74.2

Manual Integrations
APPROVED

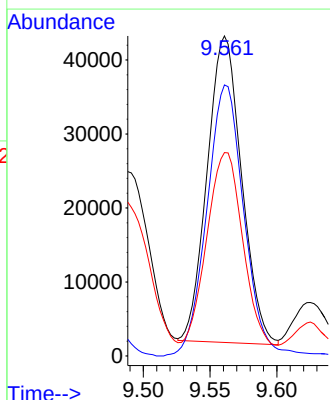
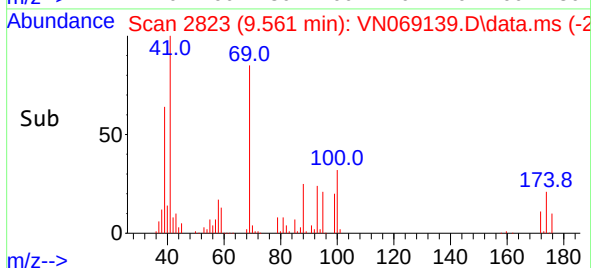
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

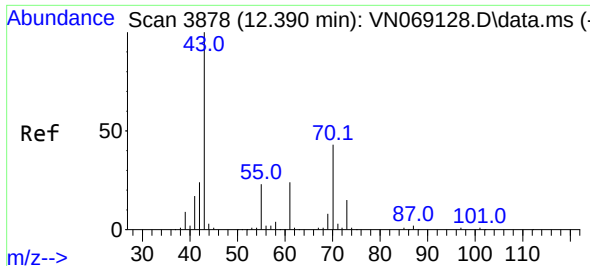


#46
Methyl methacrylate
Concen: 19.638 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



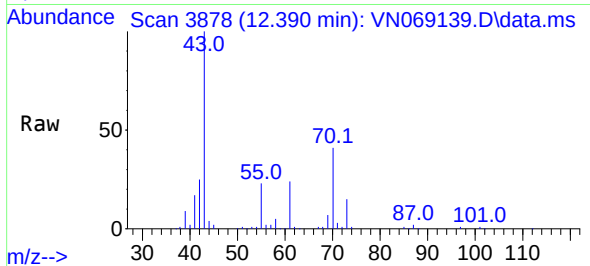
Tgt Ion: 41 Resp: 74191
Ion Ratio Lower Upper
41 100
69 87.4 44.4 133.2
39 63.3 39.9 119.6





#47
n-amyl acetate
Concen: 19.959 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

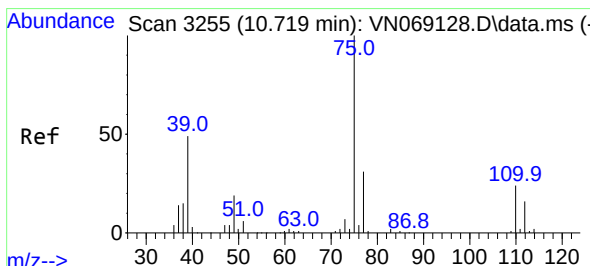
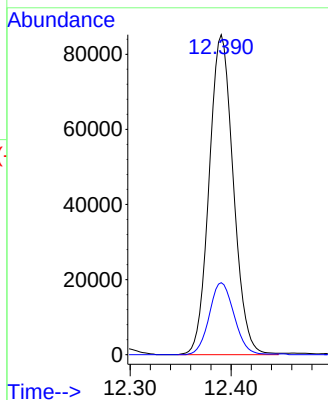
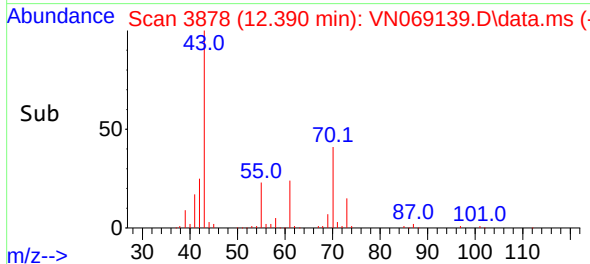
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



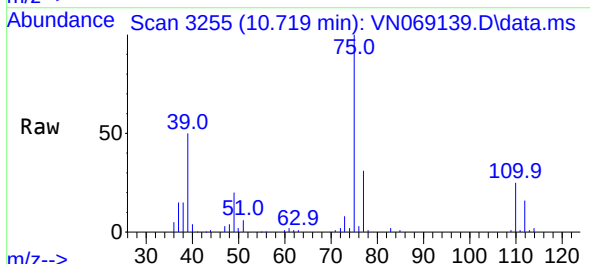
Tgt Ion: 43 Resp: 141615
Ion Ratio Lower Upper
43 100
55 23.1 19.0 28.6

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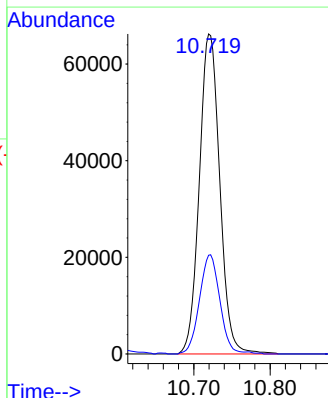
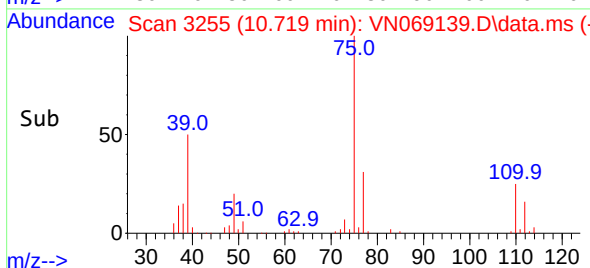
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

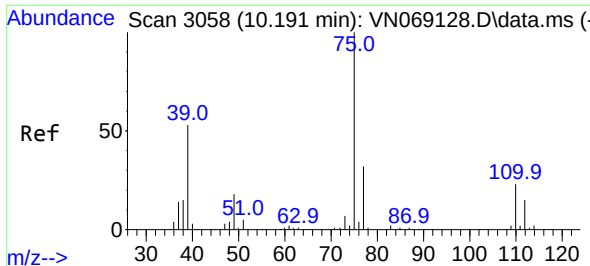


#48
t-1,3-Dichloropropene
Concen: 20.820 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



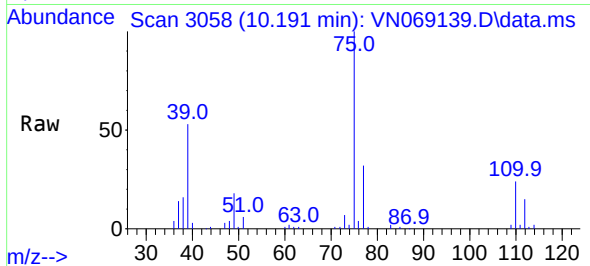
Tgt Ion: 75 Resp: 123438
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 20.707 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

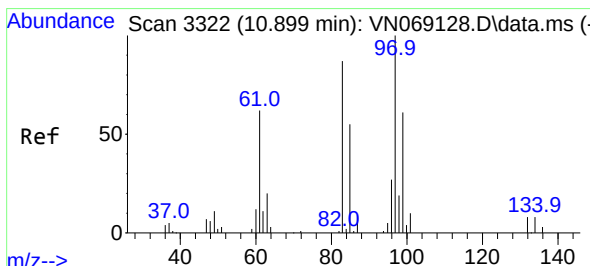
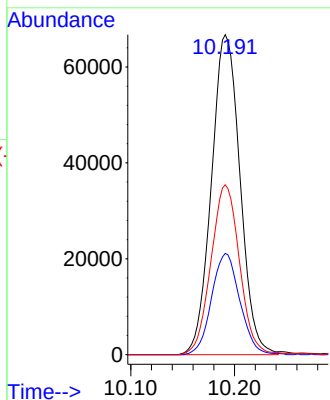
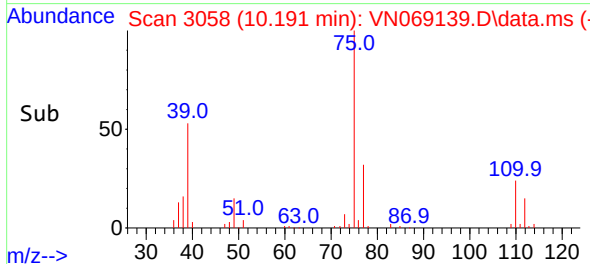
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



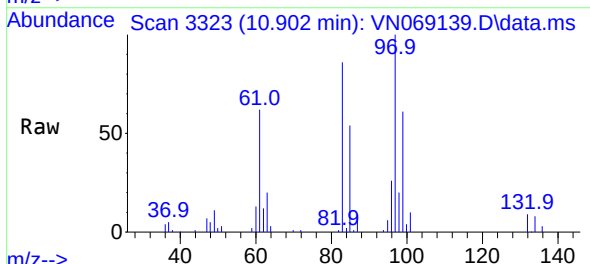
Tgt Ion: 75 Resp: 12784
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 53.1 46.2 69.4

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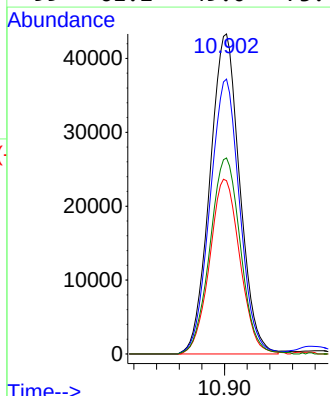
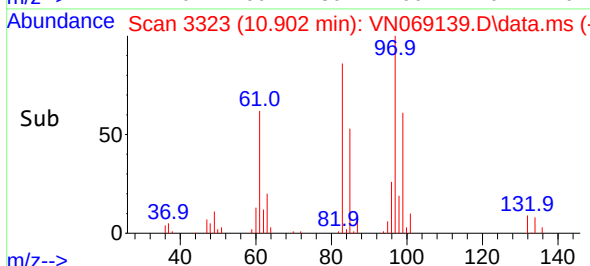
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

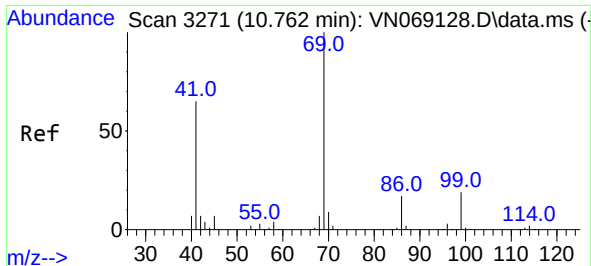


#50
1,1,2-Trichloroethane
Concen: 21.520 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



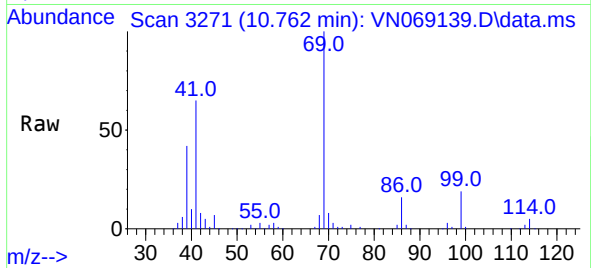
Tgt Ion: 97 Resp: 79230
Ion Ratio Lower Upper
97 100
83 85.9 67.2 100.8
85 54.2 43.0 64.4
99 61.2 49.0 73.4





#51
Ethyl methacrylate
Concen: 21.071 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

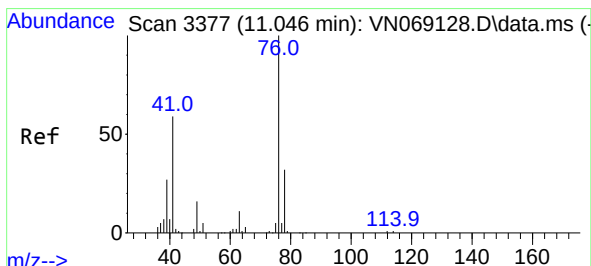
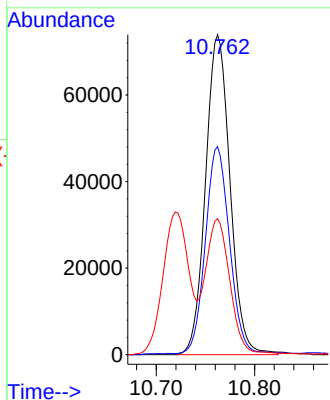
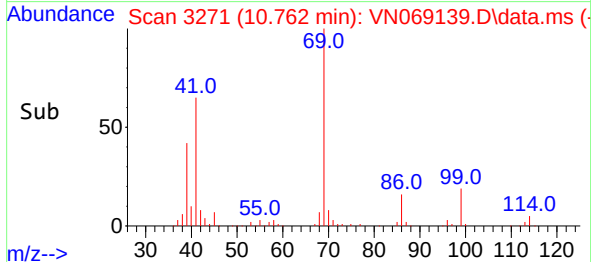
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



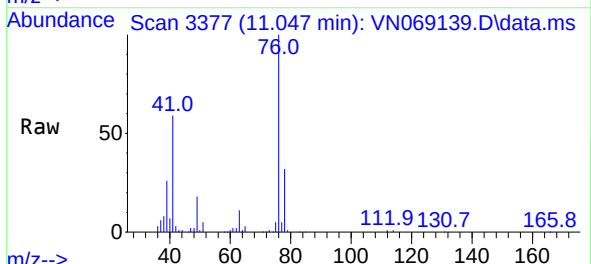
Tgt Ion: 69 Resp: 127879
Ion Ratio Lower Upper
69 100
41 64.6 33.0 98.9
39 42.0 25.4 76.4

Manual Integrations
APPROVED

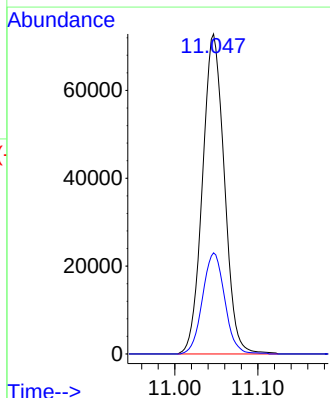
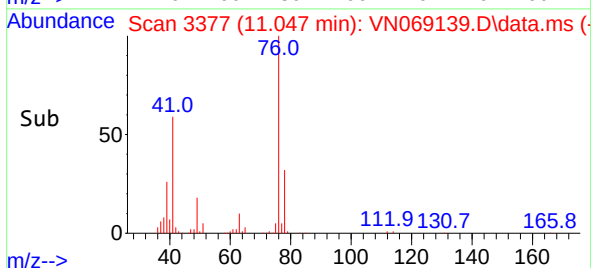
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

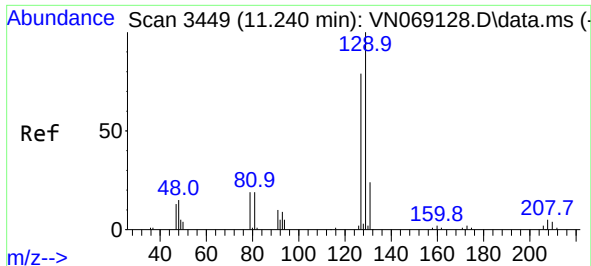


#52
1,3-Dichloropropane
Concen: 21.488 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



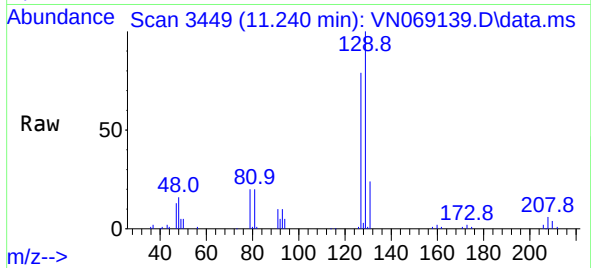
Tgt Ion: 76 Resp: 133099
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.4





#53
Dibromochloromethane
Concen: 20.745 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

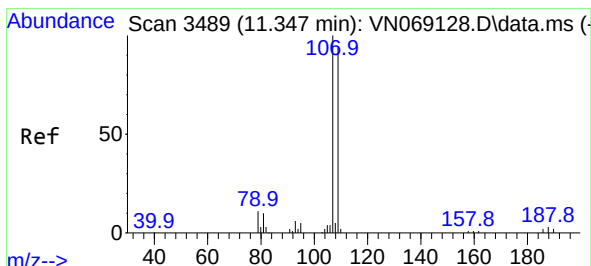
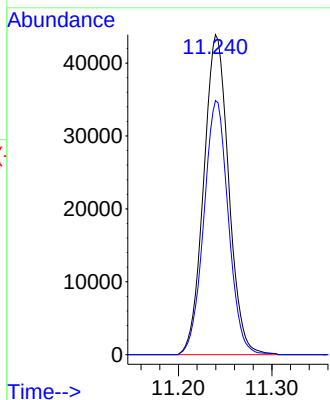
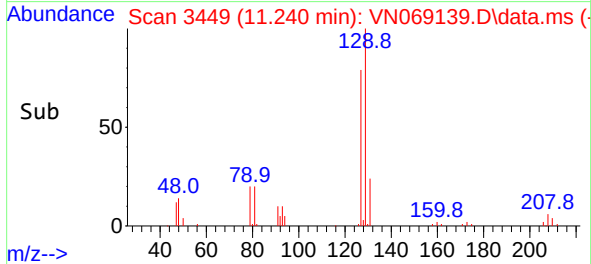
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



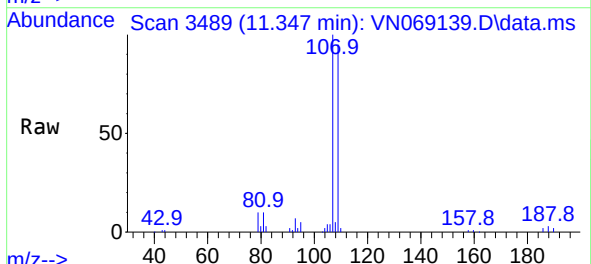
Tgt Ion:129 Resp: 81534
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

Manual Integrations
APPROVED

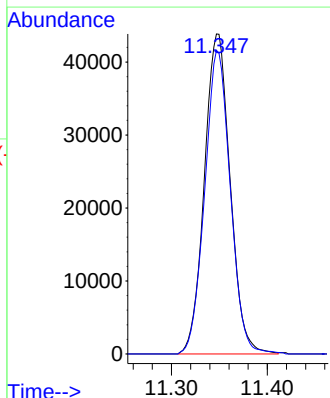
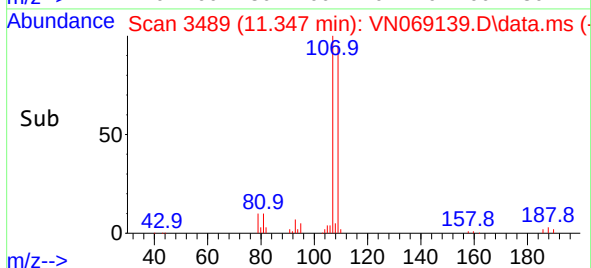
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

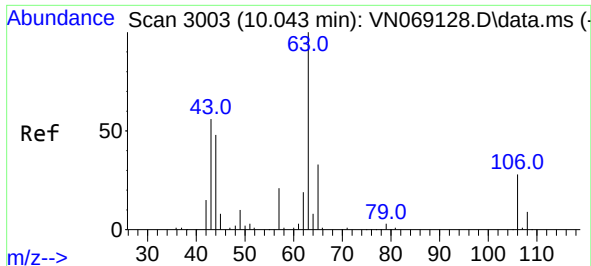


#54
1,2-Dibromoethane
Concen: 21.309 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



Tgt Ion:107 Resp: 82012
Ion Ratio Lower Upper
107 100
109 94.1 72.8 109.2





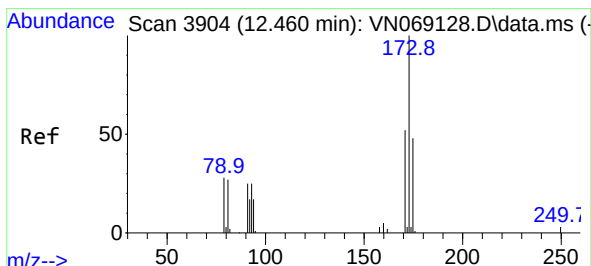
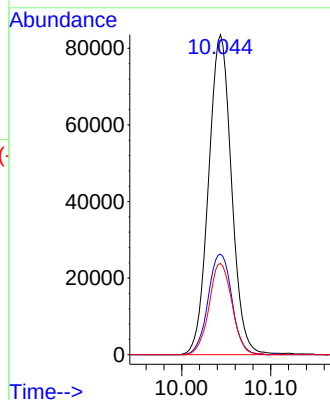
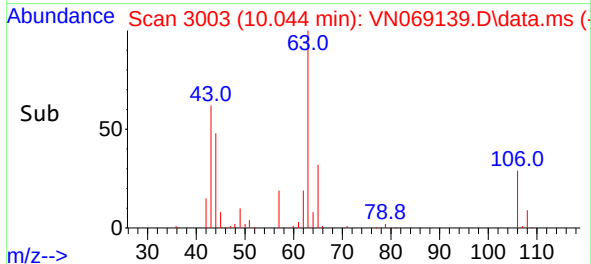
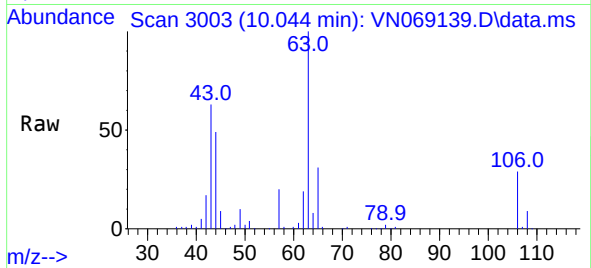
#55
2-Chloroethyl vinyl ether
Concen: 77.660 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tgt Ion: 63 Resp: 149638
Ion Ratio Lower Upper
63 100
65 32.5 25.4 38.0
106 28.5 23.2 34.8

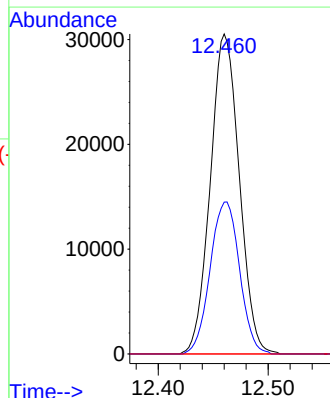
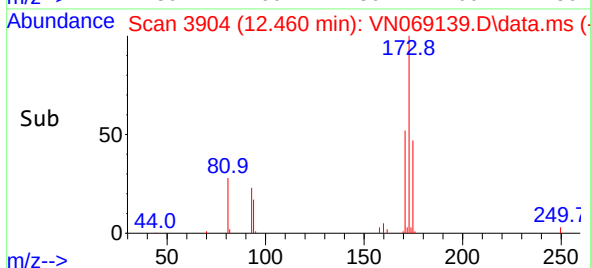
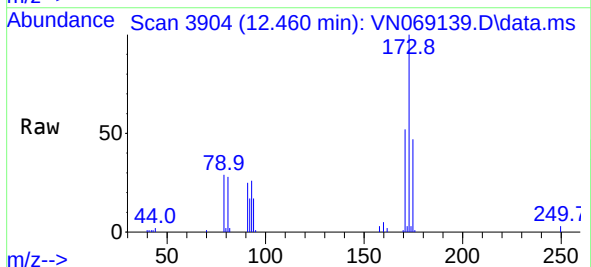
Manual Integrations
APPROVED

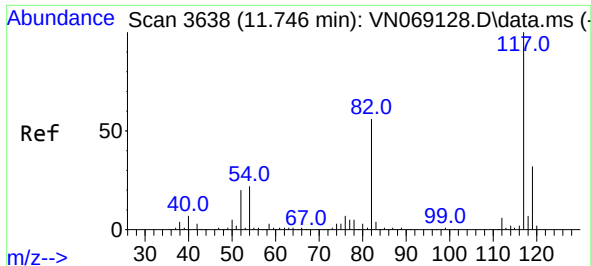
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#56
Bromoform
Concen: 19.735 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion:173 Resp: 55911
Ion Ratio Lower Upper
173 100
175 48.2 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: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

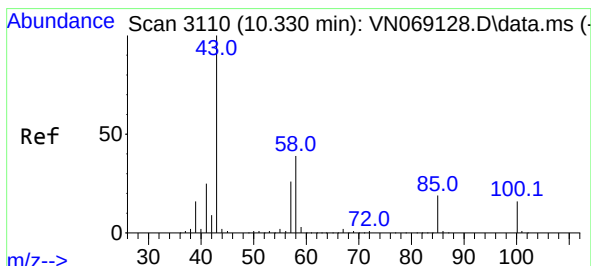
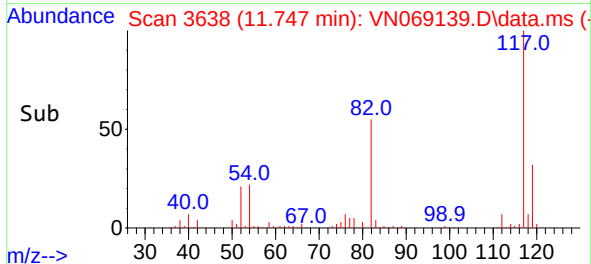
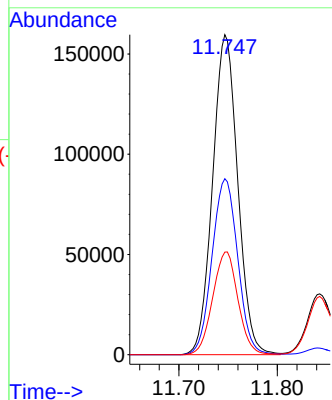
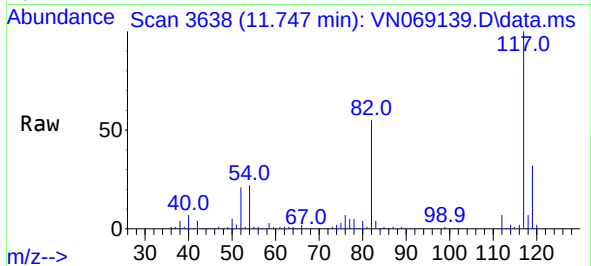
VN1022WBSD02

Tgt Ion:117 Resp: 283227
Ion Ratio Lower Upper
117 100
82 56.3 43.6 65.4
119 32.3 25.8 38.6

Manual Integrations

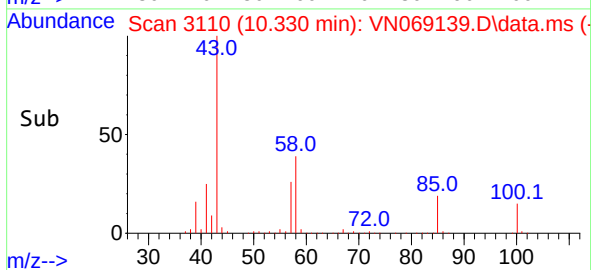
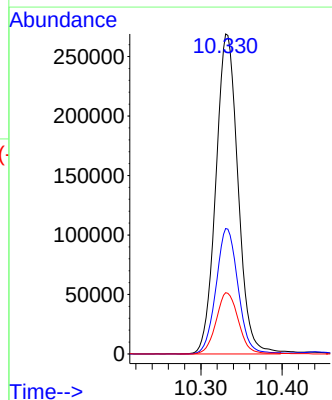
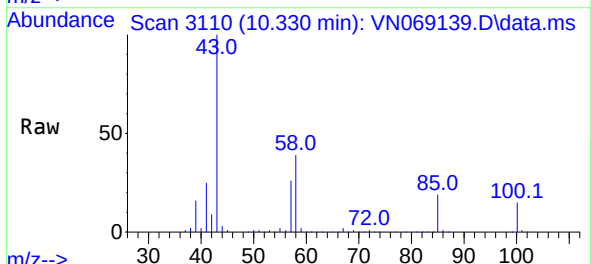
APPROVED

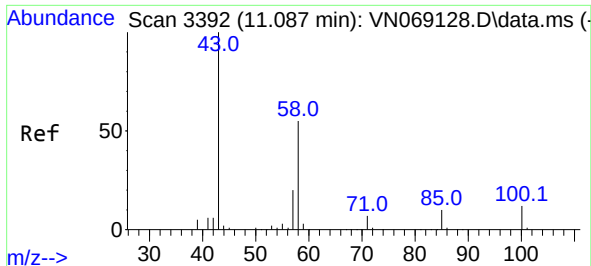
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#58
4-Methyl-2-Pentanone
Concen: 106.622 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

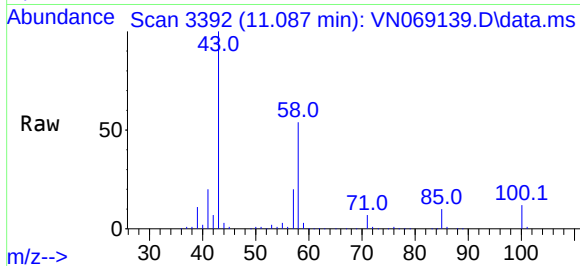
Tgt Ion: 43 Resp: 509459
Ion Ratio Lower Upper
43 100
58 39.1 30.0 45.0
85 19.2 15.0 22.6





#59
2-Hexanone
Concen: 103.904 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

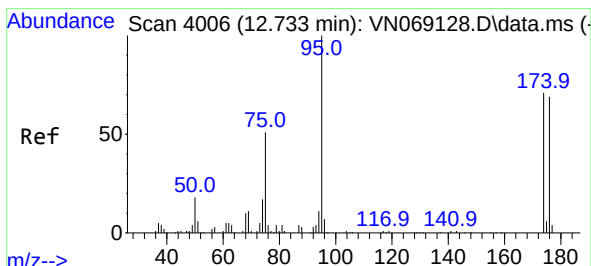
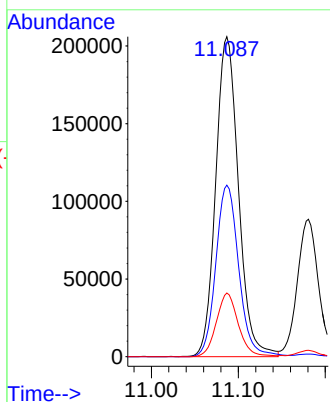
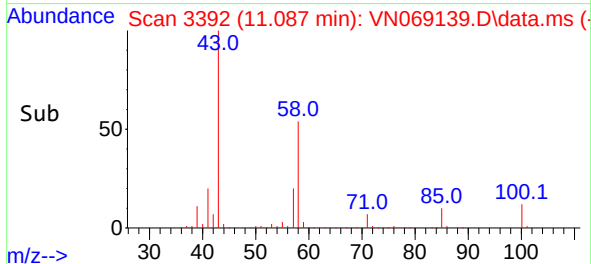
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



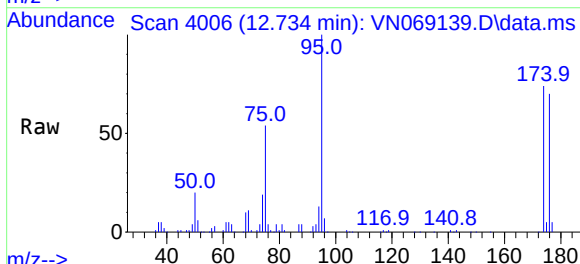
Tgt Ion: 43 Resp: 37492
Ion Ratio Lower Upper
43 100
58 54.0 42.2 63.2
57 19.2 15.0 22.4

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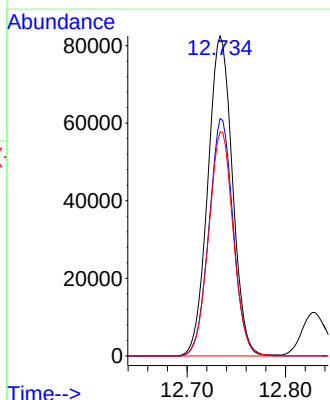
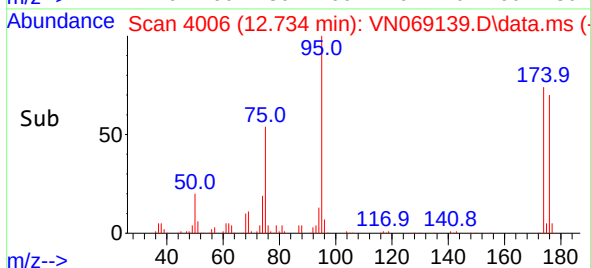
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

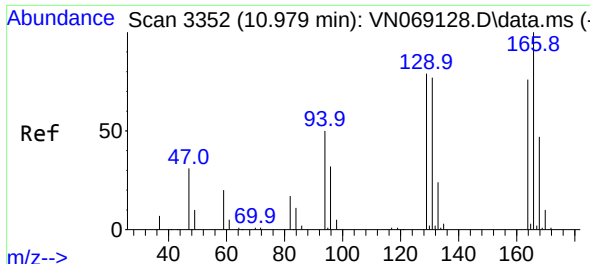


#60
4-Bromofluorobenzene
Concen: 29.517 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



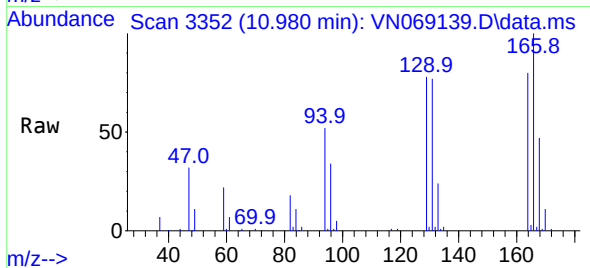
Tgt Ion: 95 Resp: 143346
Ion Ratio Lower Upper
95 100
174 72.9 62.9 94.3
176 70.1 61.0 91.4





#61
Tetrachloroethene
Concen: 22.066 ug/l
RT: 10.980 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

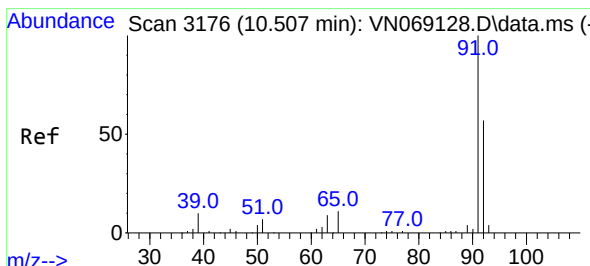
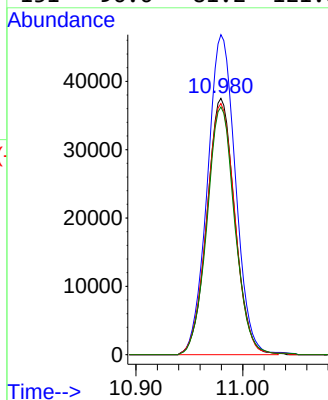
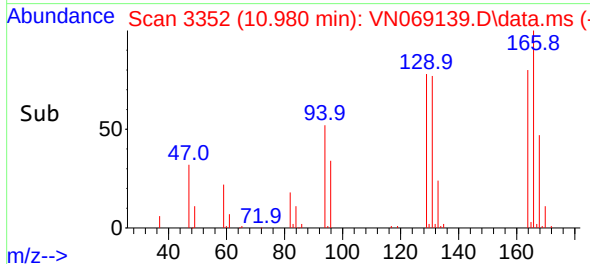
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



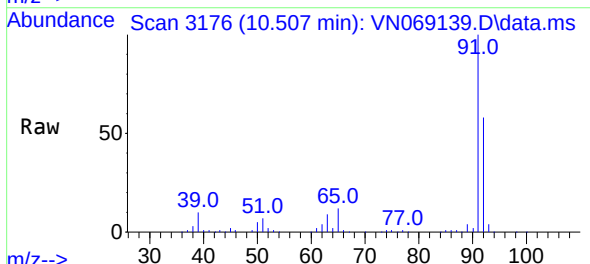
Tgt Ion:164 Resp: 6792
Ion Ratio Lower Upper
164 100
166 124.8 105.8 158.8
129 98.0 82.5 123.7
131 96.6 81.2 121.8

Manual Integrations
APPROVED

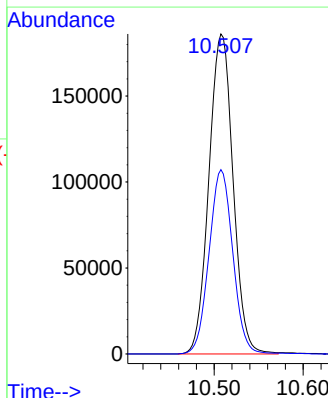
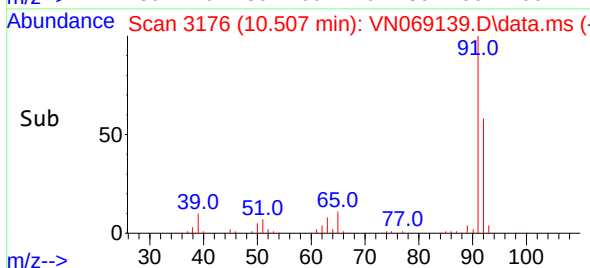
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

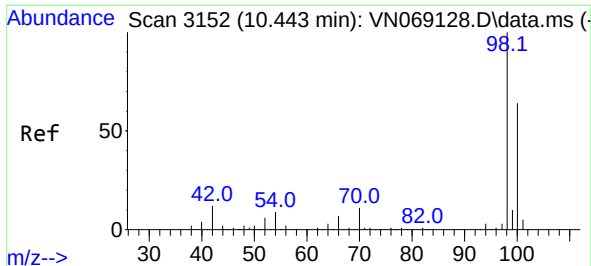


#62
Toluene
Concen: 21.282 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



Tgt Ion: 91 Resp: 351085
Ion Ratio Lower Upper
91 100
92 56.7 44.6 67.0





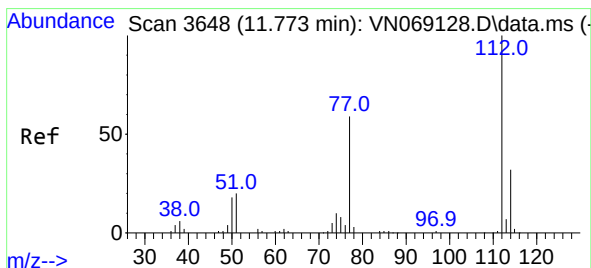
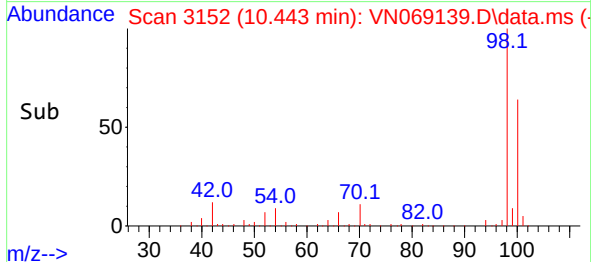
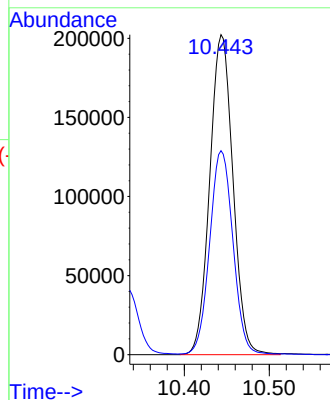
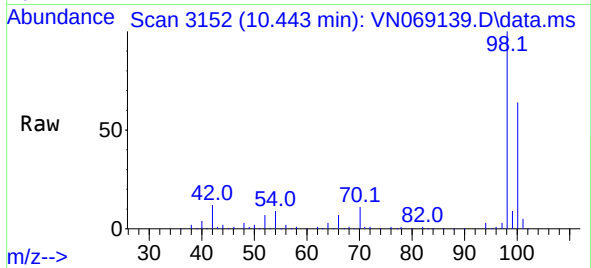
#63
Toluene-d8
Concen: 30.033 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tgt Ion: 98 Resp: 384309
Ion Ratio Lower Upper
98 100
100 63.5 50.6 76.0

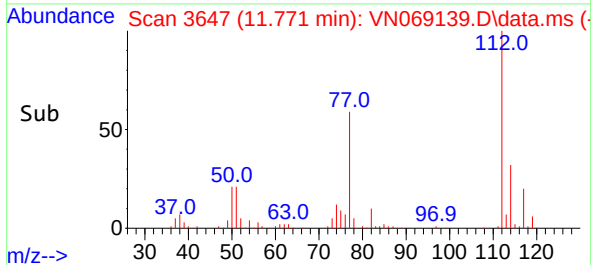
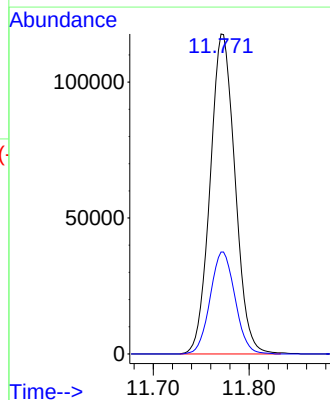
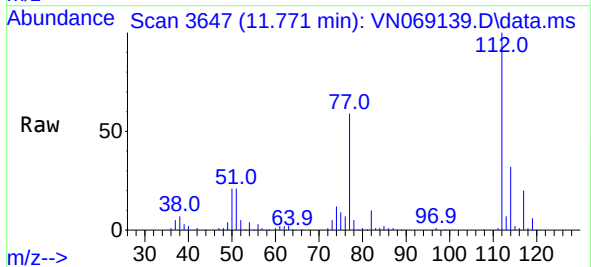
Manual Integrations
APPROVED

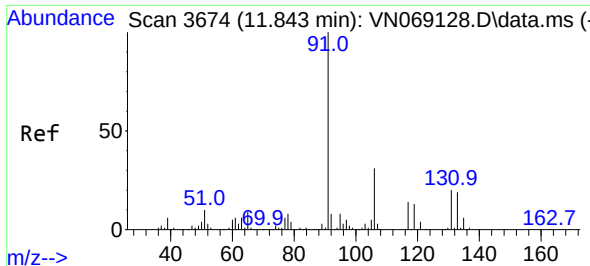
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#64
Chlorobenzene
Concen: 21.214 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion:112 Resp: 212255
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6





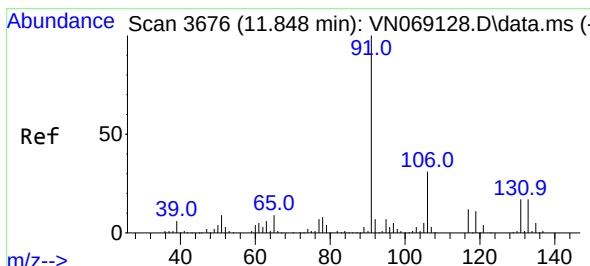
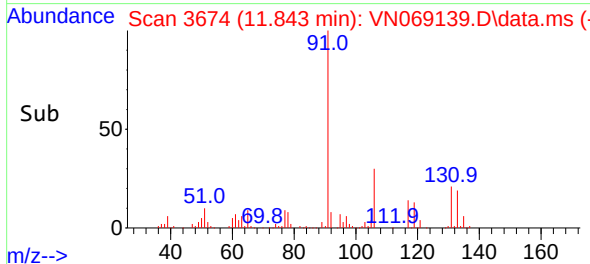
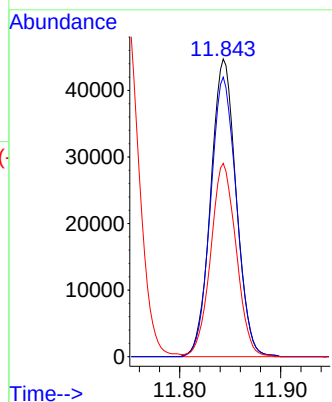
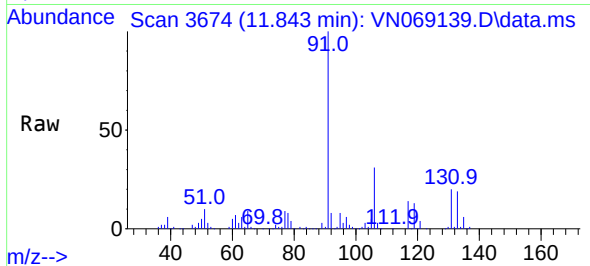
#65
1,1,1,2-Tetrachloroethane
Concen: 21.114 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tgt Ion:131 Resp: 78592
Ion Ratio Lower Upper
131 100
133 95.0 0.0 191.2
119 64.8 0.0 128.8

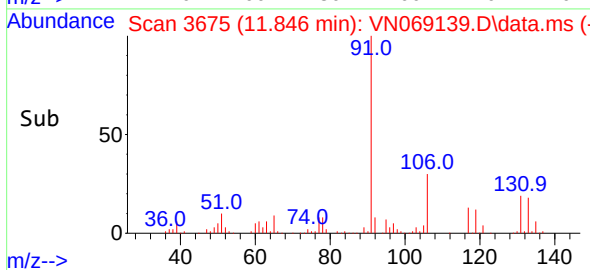
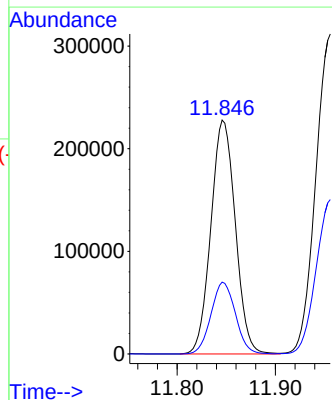
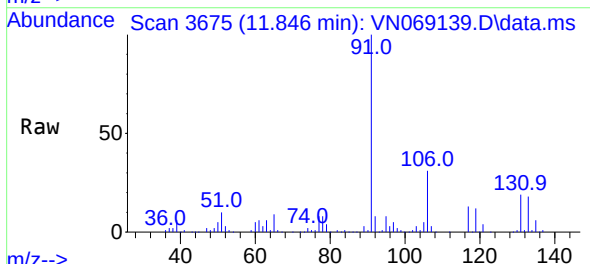
Manual Integrations
APPROVED

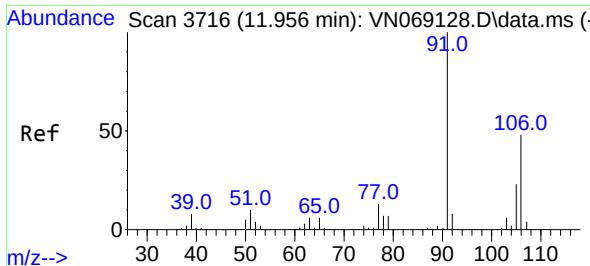
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#66
Ethyl Benzene
Concen: 21.220 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 91 Resp: 393577
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0





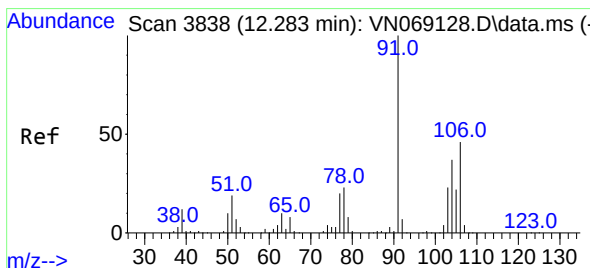
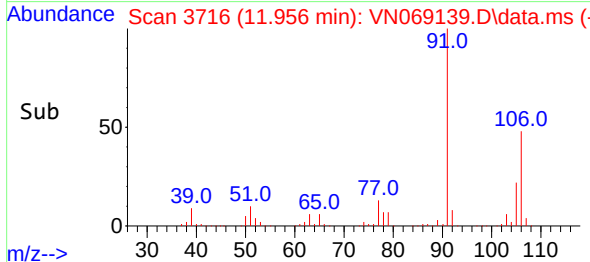
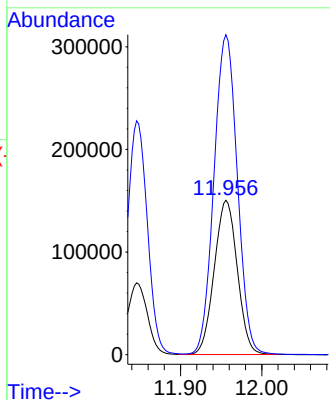
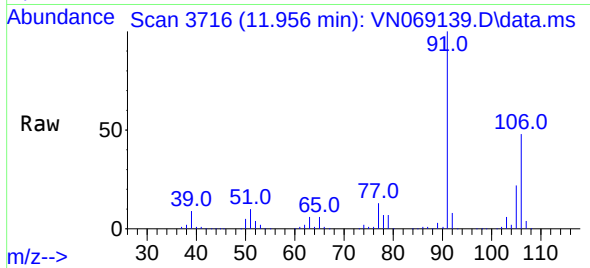
#67
m/p-Xylenes
Concen: 42.453 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tgt Ion:106 Resp: 296100
Ion Ratio Lower Upper
106 100
91 210.8 162.9 244.3

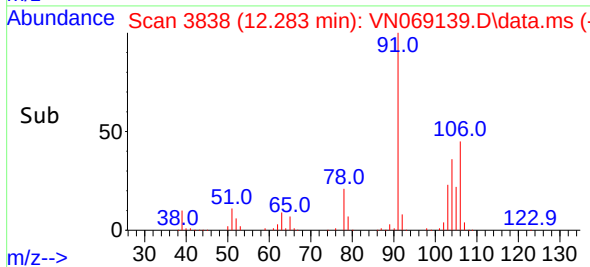
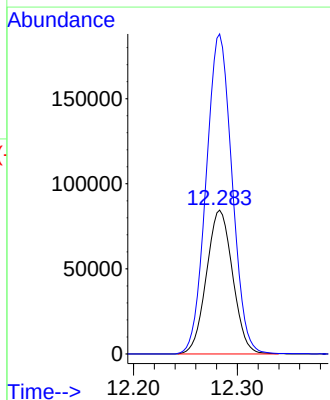
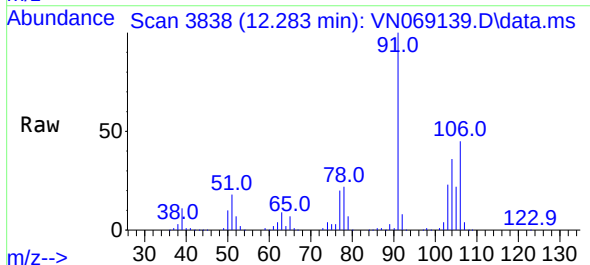
Manual Integrations
APPROVED

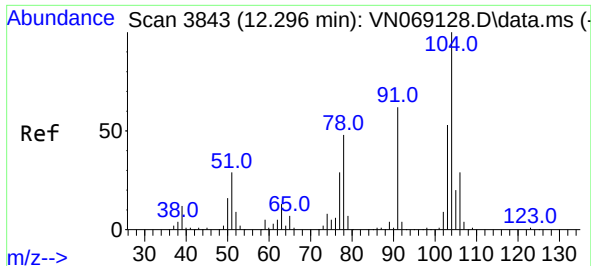
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#68
o-Xylene
Concen: 21.233 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion:106 Resp: 148292
Ion Ratio Lower Upper
106 100
91 219.9 107.7 323.1





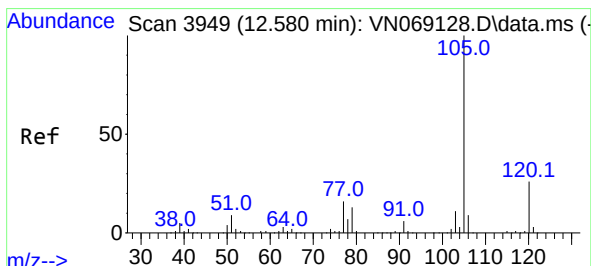
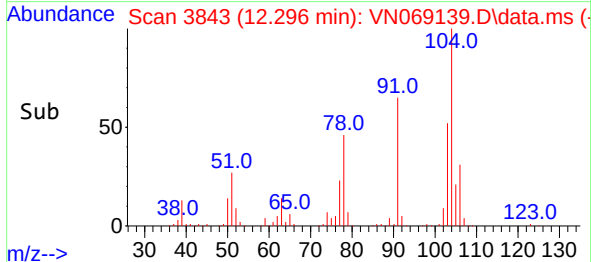
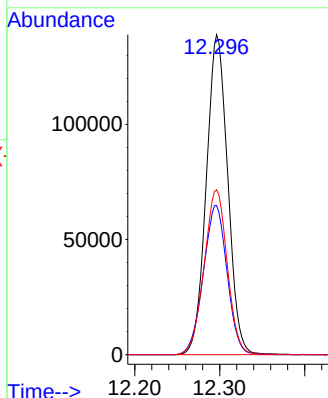
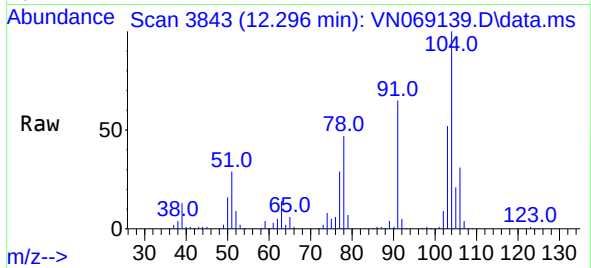
#69
Styrene
Concen: 21.041 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tgt Ion:104 Resp: 243518
Ion Ratio Lower Upper
104 100
78 51.6 40.7 61.1
103 55.6 45.8 68.8

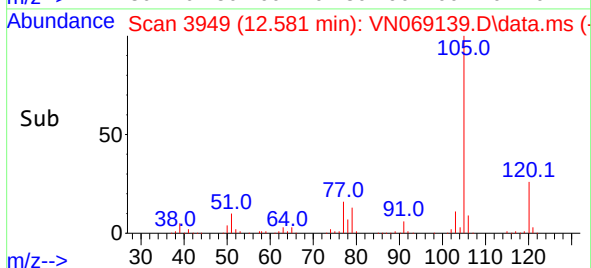
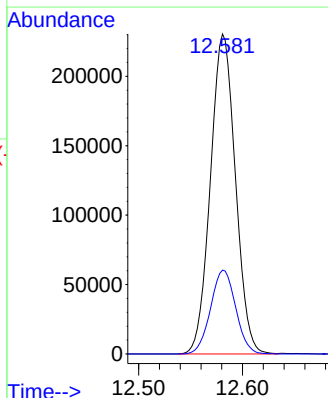
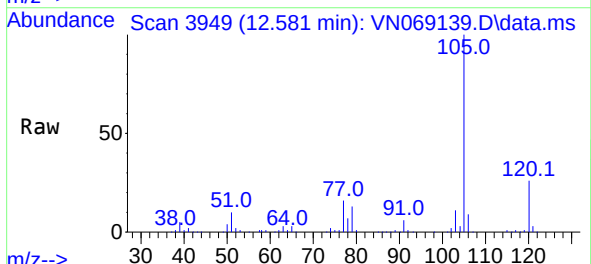
Manual Integrations
APPROVED

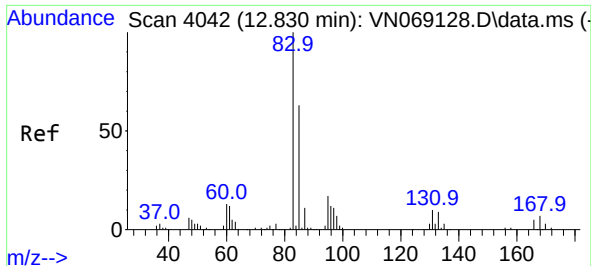
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#70
Isopropylbenzene
Concen: 21.051 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

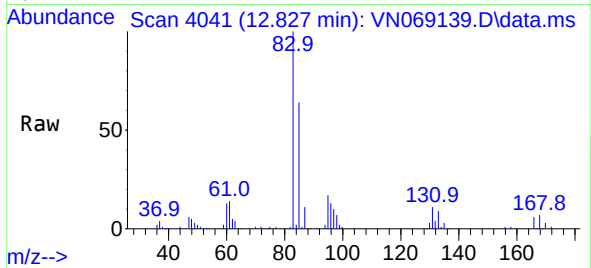
Tgt Ion:105 Resp: 385447
Ion Ratio Lower Upper
105 100
120 26.3 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 21.658 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

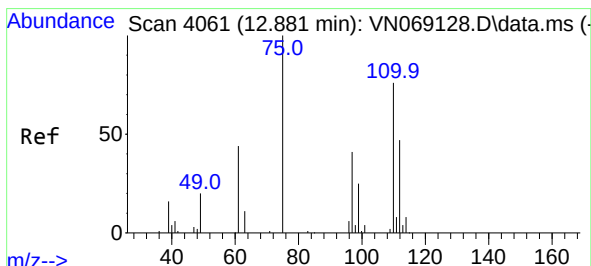
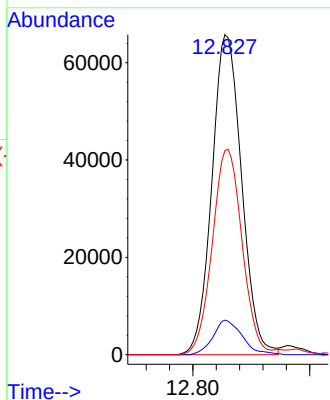
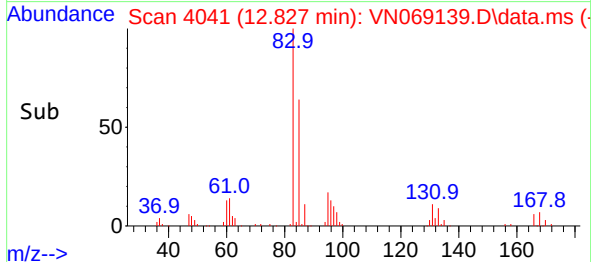
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



Tgt Ion: 83 Resp: 116227
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 64.2 33.1 99.2

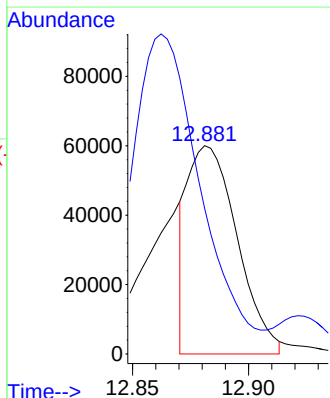
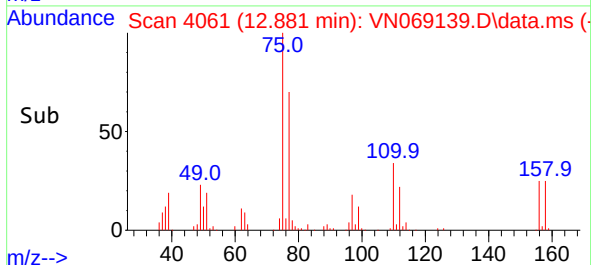
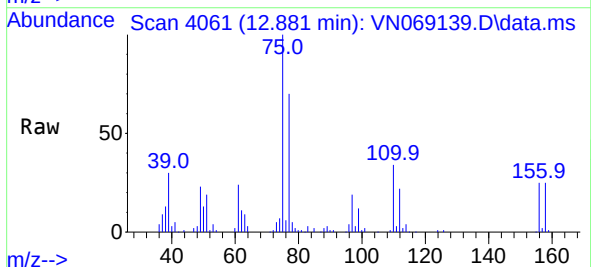
Manual Integrations
APPROVED

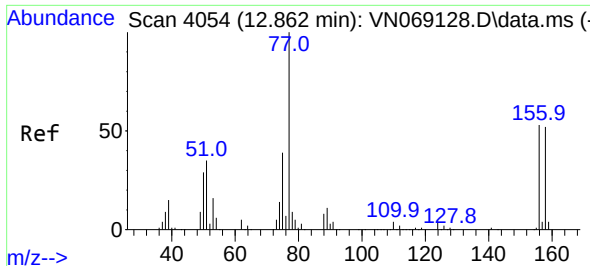
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#72
1,2,3-Trichloropropane
Concen: 19.400 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

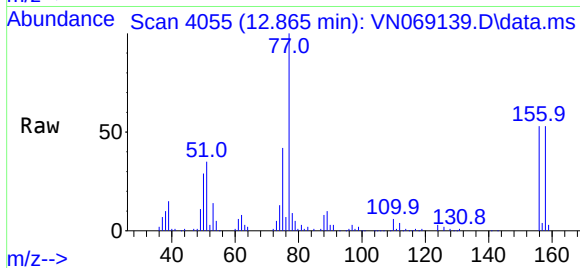
Tgt Ion: 75 Resp: 89460
Ion Ratio Lower Upper
75 100
77 214.9 0.0 378.0





#73
Bromobenzene
Concen: 20.945 ug/l
RT: 12.865 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

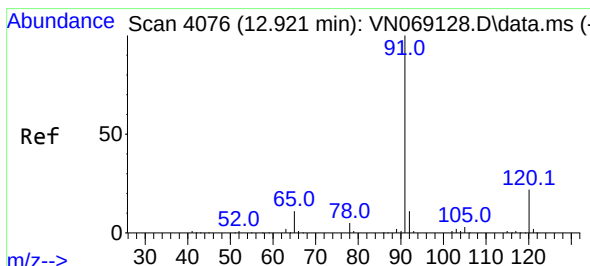
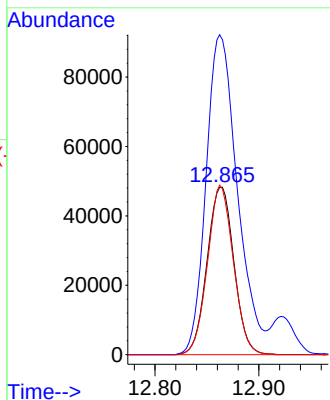
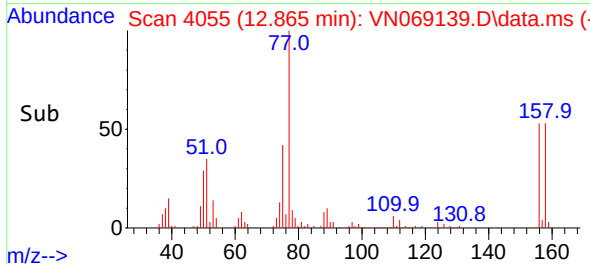
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



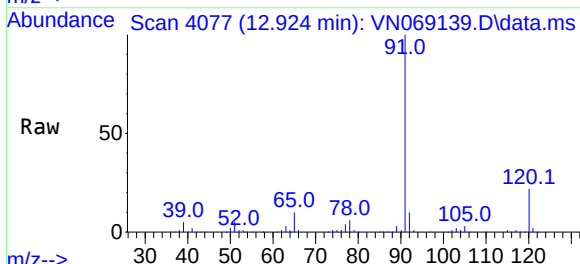
Tgt Ion:156 Resp: 86925
Ion Ratio Lower Upper
156 100
77 221.2 0.0 416.0
158 97.3 0.0 195.4

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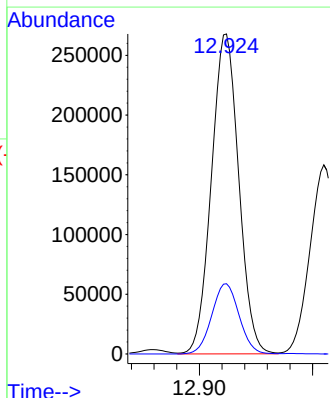
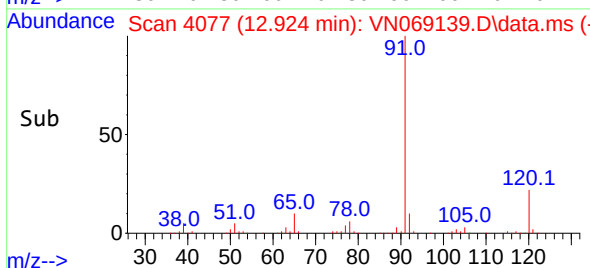
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

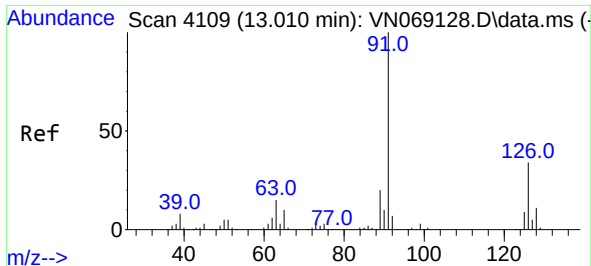


#74
n-propylbenzene
Concen: 21.338 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



Tgt Ion: 91 Resp: 448668
Ion Ratio Lower Upper
91 100
120 21.9 0.0 45.0





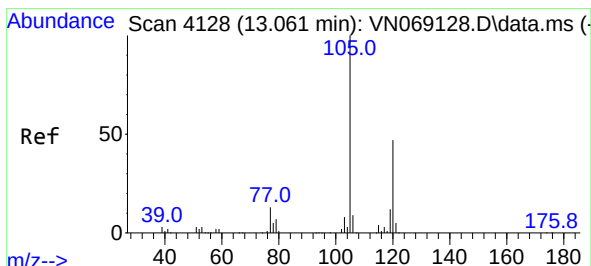
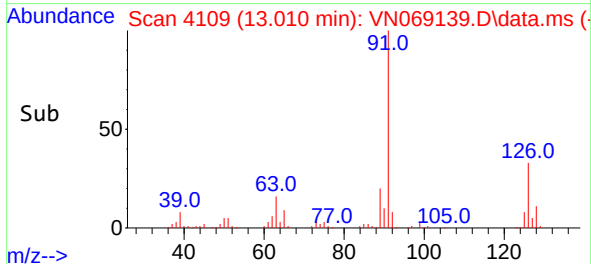
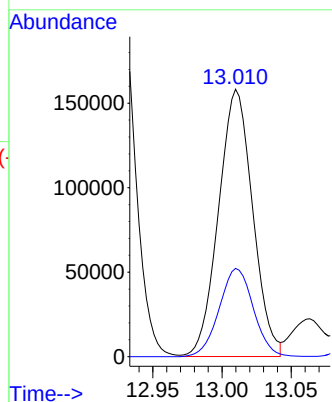
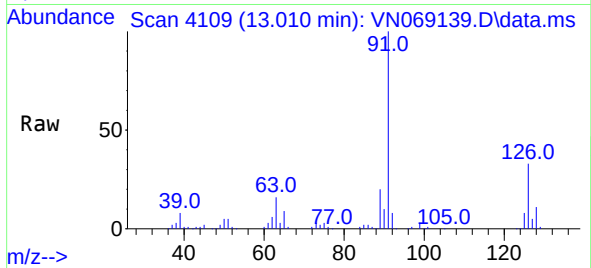
#75
2-Chlorotoluene
Concen: 21.075 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tgt Ion: 91 Resp: 271344
Ion Ratio Lower Upper
91 100
126 33.1 0.0 69.8

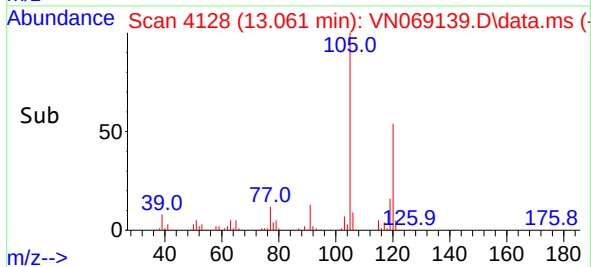
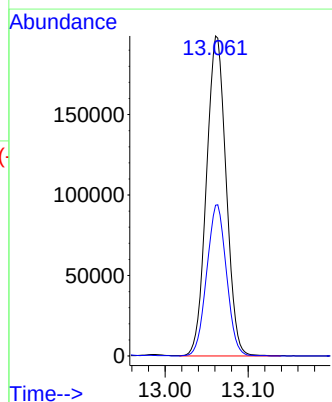
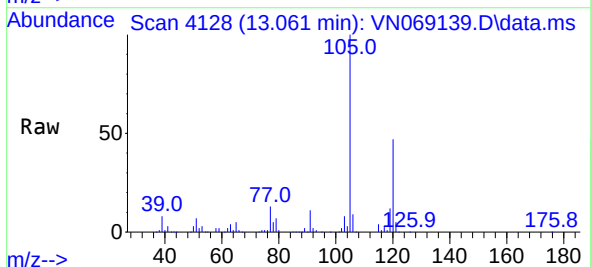
Manual Integrations
APPROVED

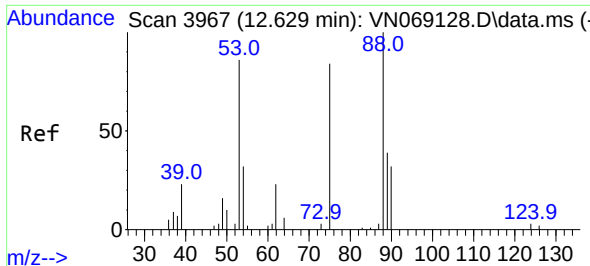
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#76
1,3,5-Trimethylbenzene
Concen: 21.418 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion:105 Resp: 326851
Ion Ratio Lower Upper
105 100
120 47.3 0.0 93.8





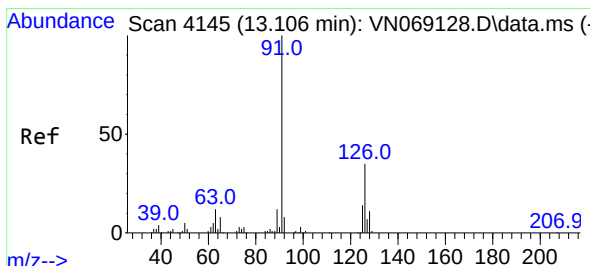
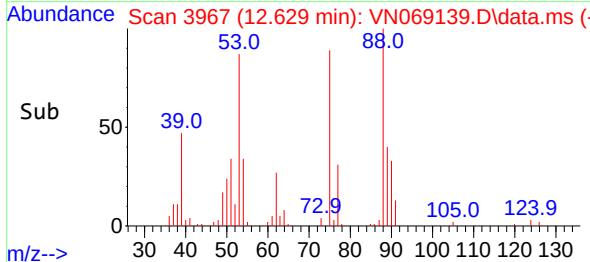
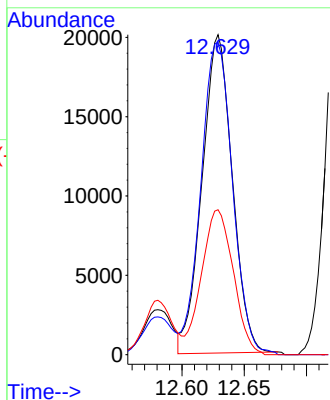
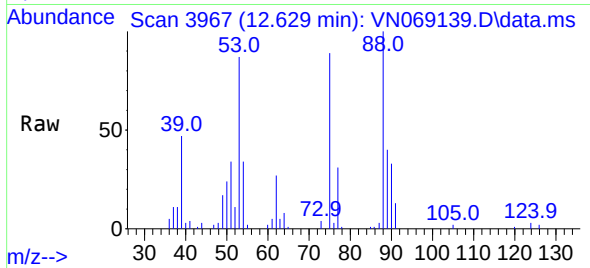
#77
t-1,4-Dichloro-2-butene
Concen: 18.749 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tgt Ion: 75 Resp: 3381
Ion Ratio Lower Upper
75 100
53 98.4 51.8 155.5
89 45.7 22.9 68.7

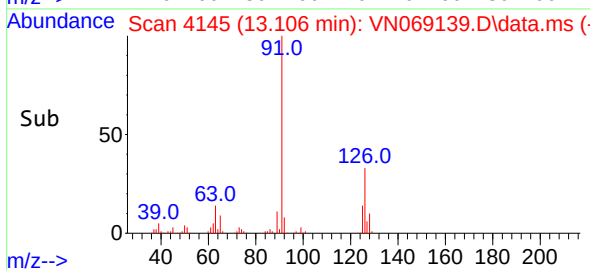
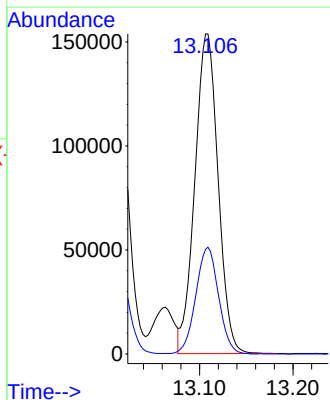
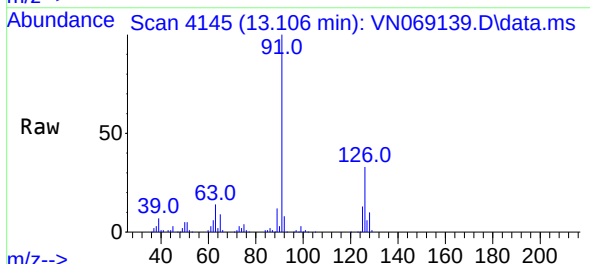
Manual Integrations
APPROVED

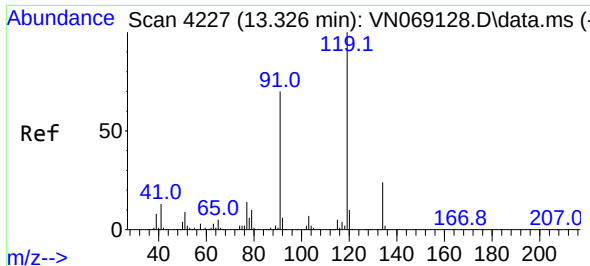
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#78
4-Chlorotoluene
Concen: 21.018 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion: 91 Resp: 265207
Ion Ratio Lower Upper
91 100
126 32.8 0.0 70.6





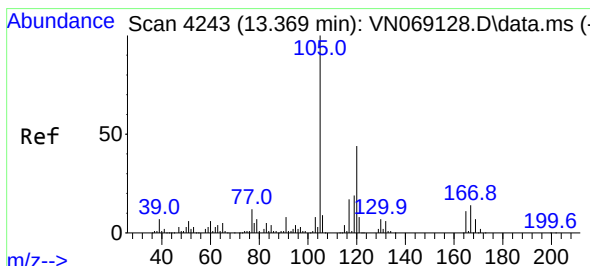
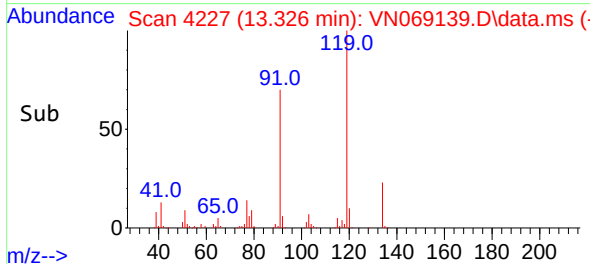
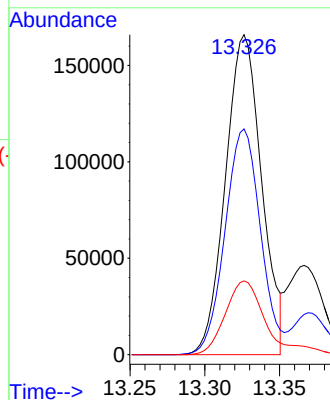
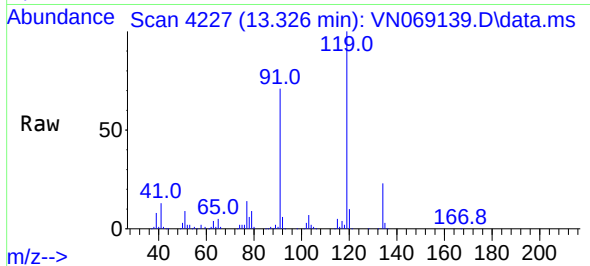
#79
tert-butylbenzene
Concen: 20.855 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tgt Ion:119 Resp: 27944
Ion Ratio Lower Upper
119 100
91 69.4 0.0 137.0
134 25.9 0.0 47.6

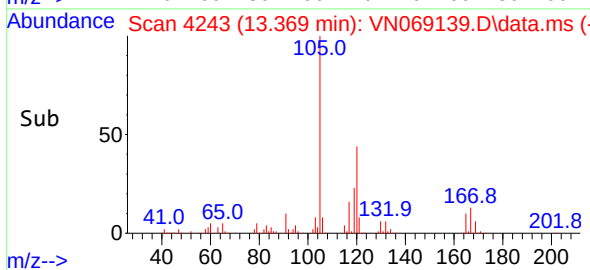
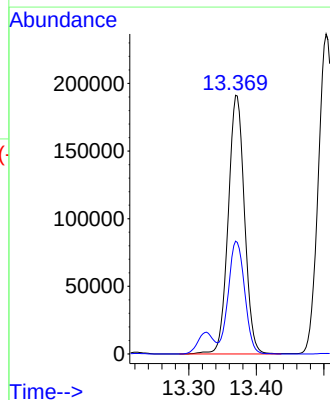
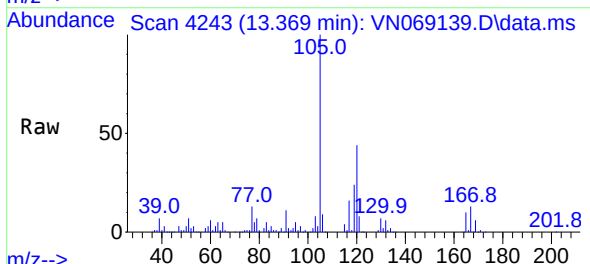
Manual Integrations
APPROVED

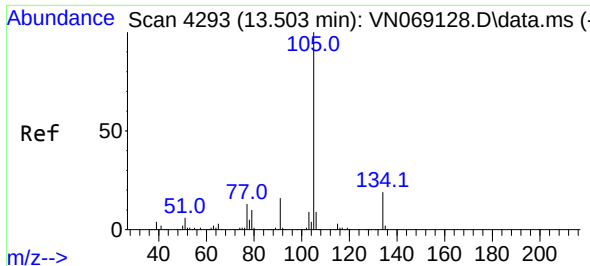
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#80
1,2,4-Trimethylbenzene
Concen: 21.374 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Tgt Ion:105 Resp: 320193
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





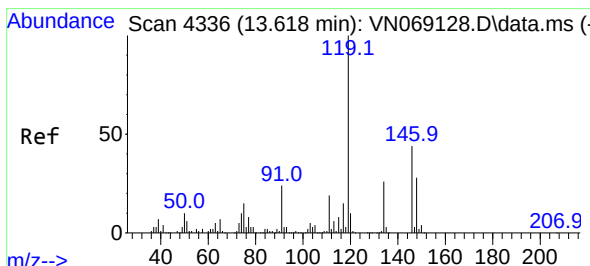
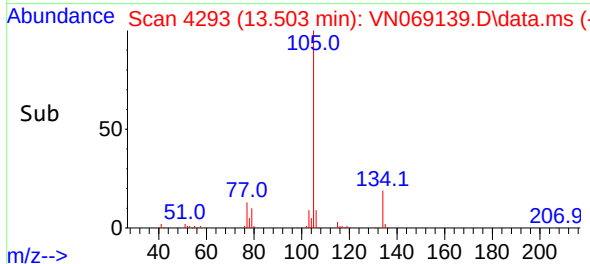
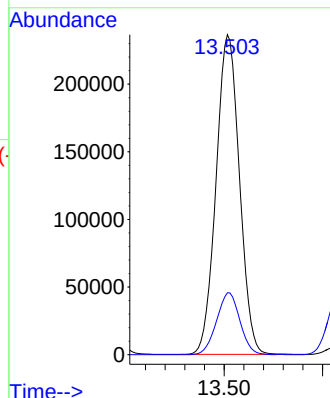
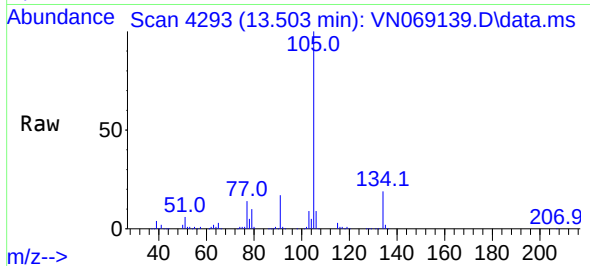
#81
 sec-Butylbenzene
 Concen: 20.829 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069139.D
 Acq: 22 Oct 2021 17:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBSD02

Tgt Ion:105 Resp: 39070
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.4

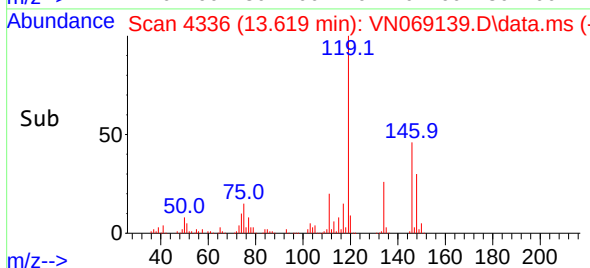
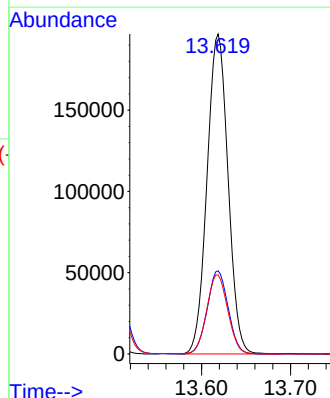
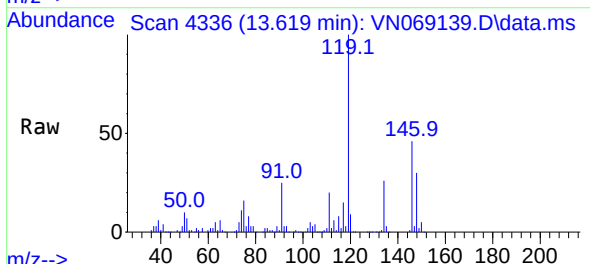
Manual Integrations
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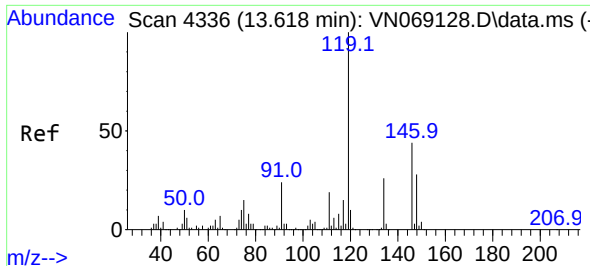
Reviewed By :John Carlone 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#82
 p-Isopropyltoluene
 Concen: 21.047 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN069139.D
 Acq: 22 Oct 2021 17:18

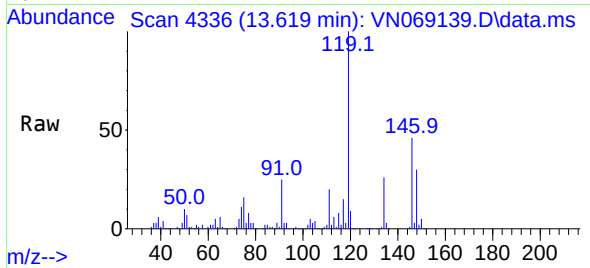
Tgt Ion:119 Resp: 322011
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 24.8 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 21.228 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

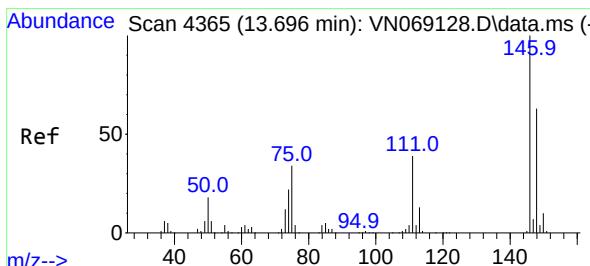
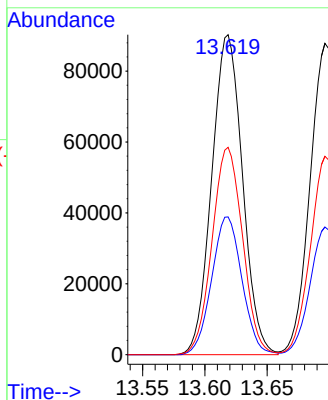
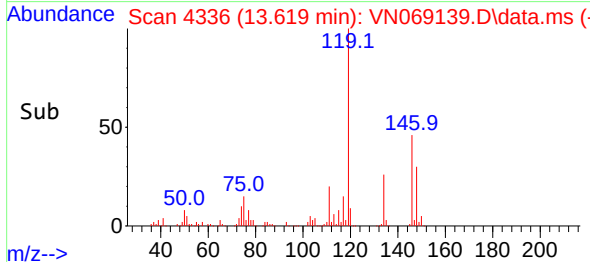
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



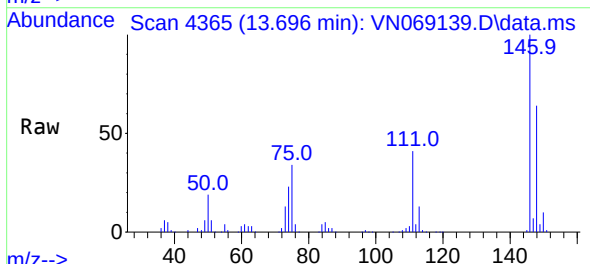
Tgt Ion:146 Resp: 15510
Ion Ratio Lower Upper
146 100
111 42.5 20.8 62.2
148 64.4 31.4 94.3

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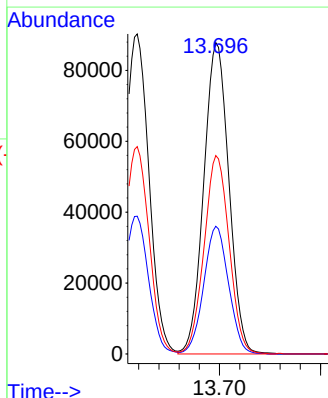
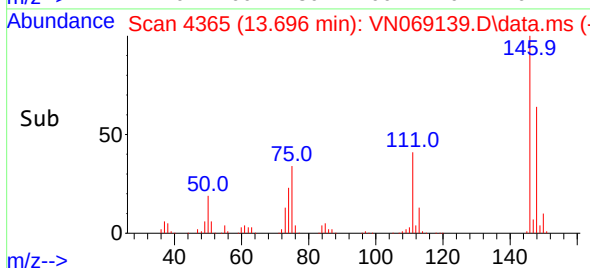
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

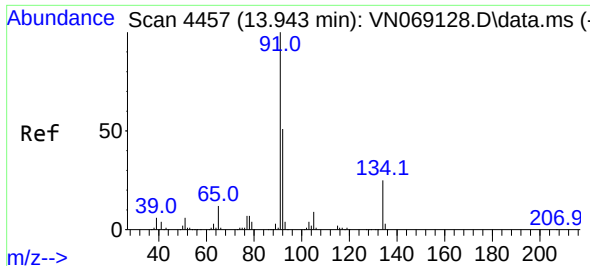


#84
1,4-Dichlorobenzene
Concen: 21.345 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



Tgt Ion:146 Resp: 151863
Ion Ratio Lower Upper
146 100
111 40.1 19.5 58.5
148 63.6 31.1 93.5





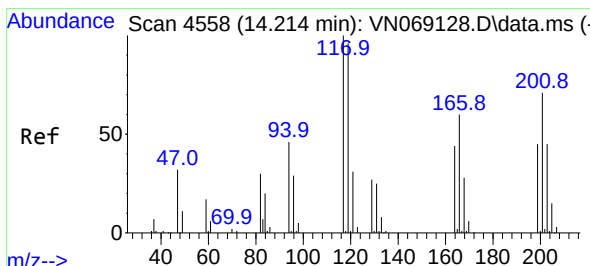
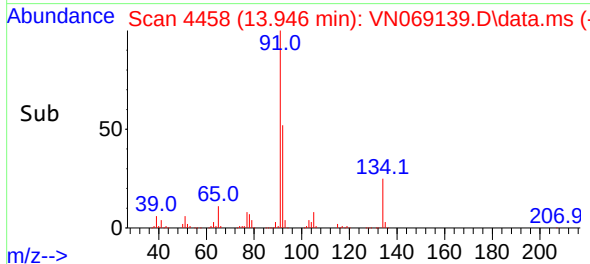
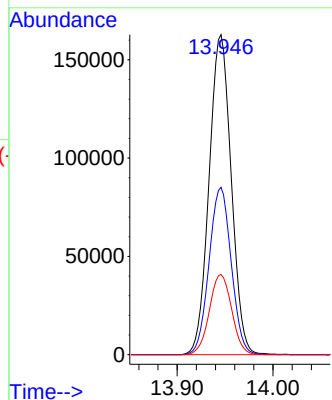
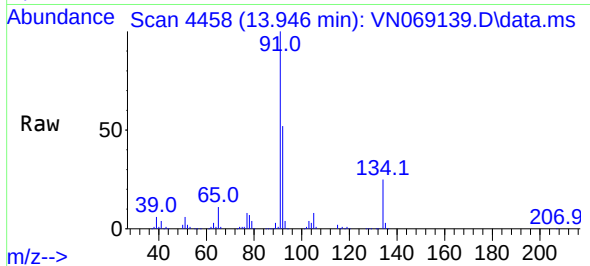
#85
n-Butylbenzene
Concen: 20.414 ug/l
RT: 13.946 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tgt Ion: 91 Resp: 26121
Ion Ratio Lower Upper
91 100
92 52.3 0.0 100.6
134 25.3 0.0 50.2

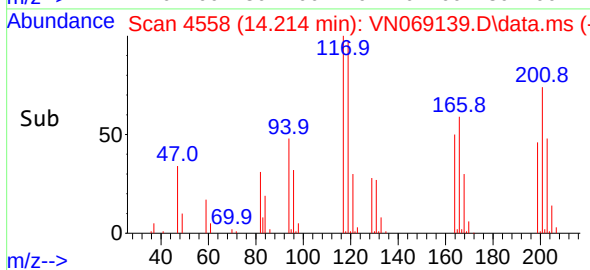
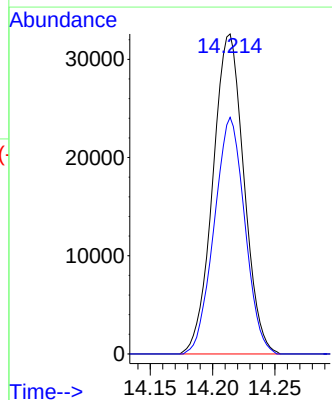
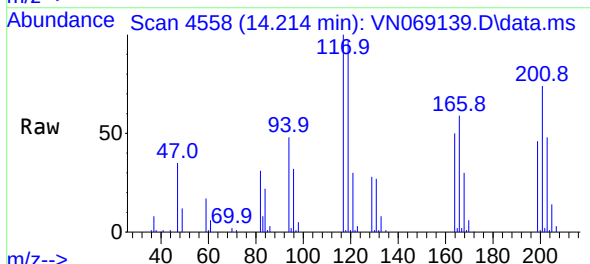
Manual Integrations
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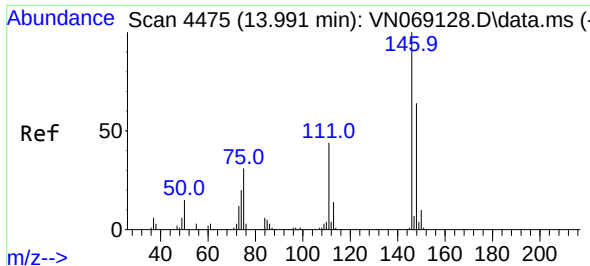
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#86
Hexachloroethane
Concen: 19.761 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

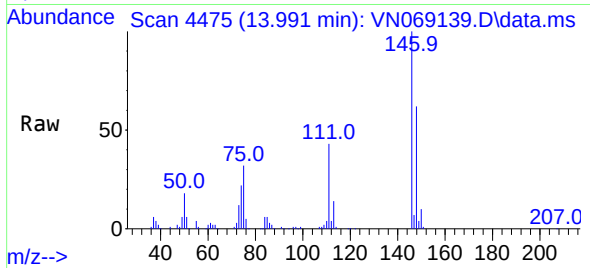
Tgt Ion:117 Resp: 56609
Ion Ratio Lower Upper
117 100
201 72.8 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 21.793 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

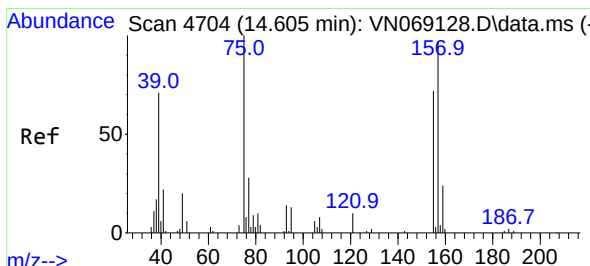
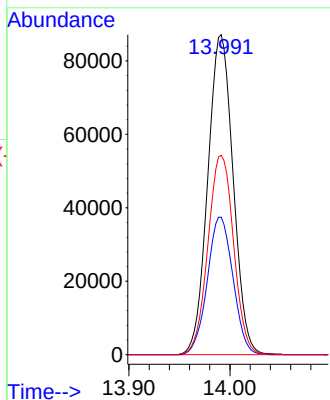
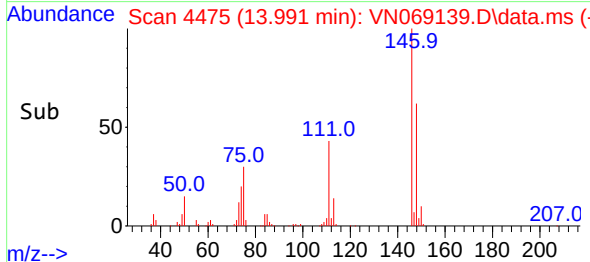
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



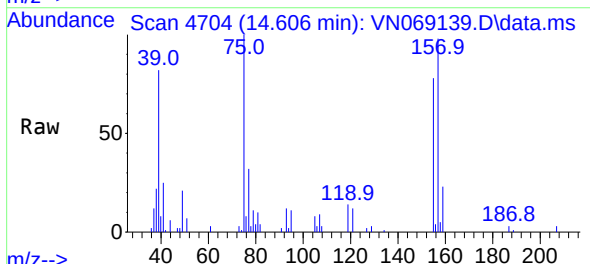
Tgt Ion:146 Resp: 152138
Ion Ratio Lower Upper
146 100
111 43.5 21.4 64.2
148 63.1 32.5 97.4

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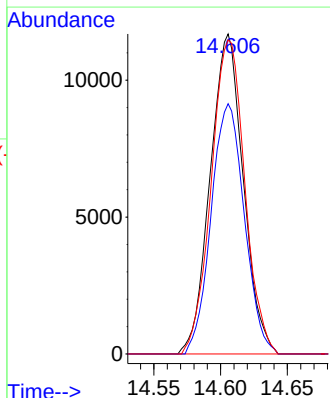
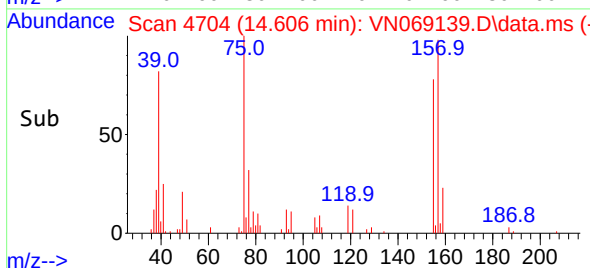
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

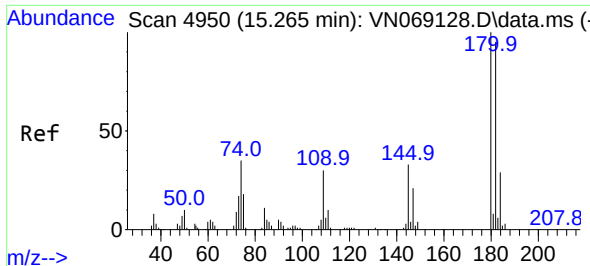


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.136 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



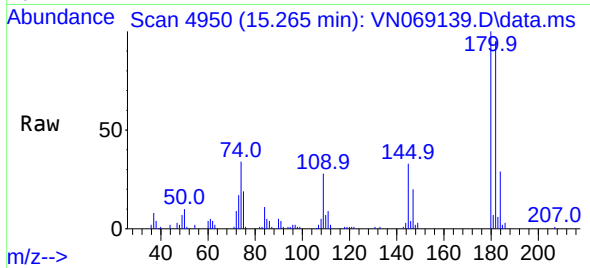
Tgt Ion: 75 Resp: 20128
Ion Ratio Lower Upper
75 100
155 78.6 63.8 95.8
157 99.7 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 19.944 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

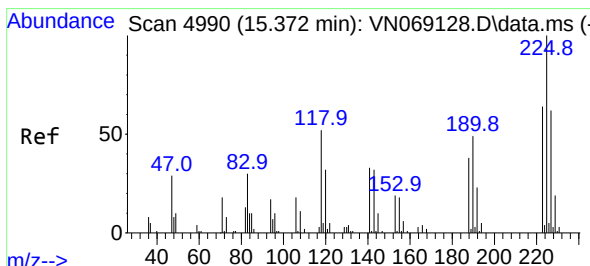
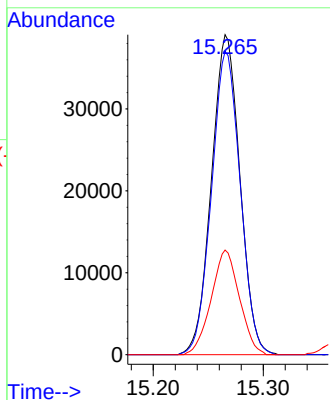
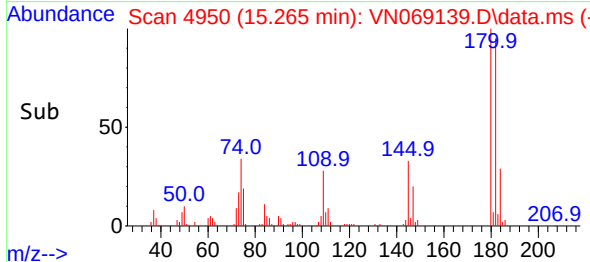
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



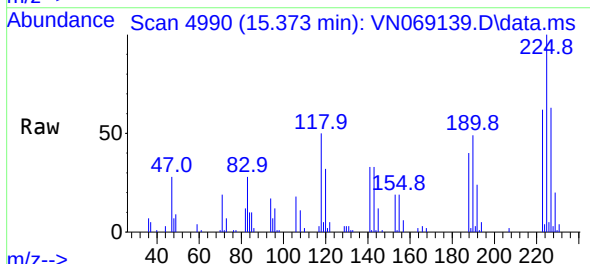
Tgt Ion:180 Resp: 7020
Ion Ratio Lower Upper
180 100
182 95.4 77.7 116.5
145 32.4 26.6 39.8

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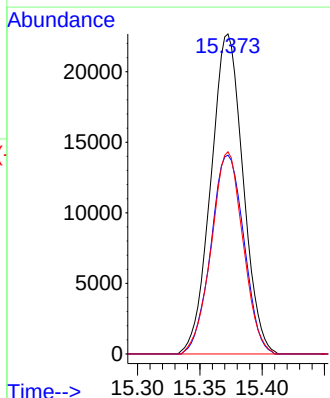
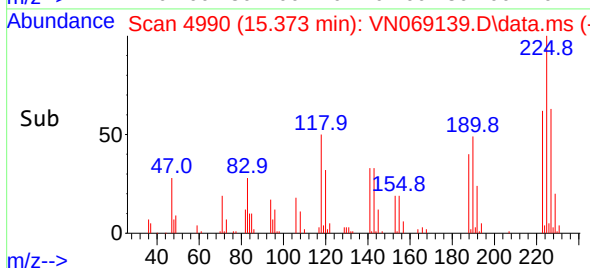
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

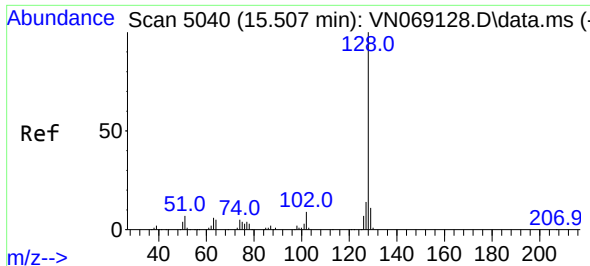


#90
Hexachlorobutadiene
Concen: 22.131 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



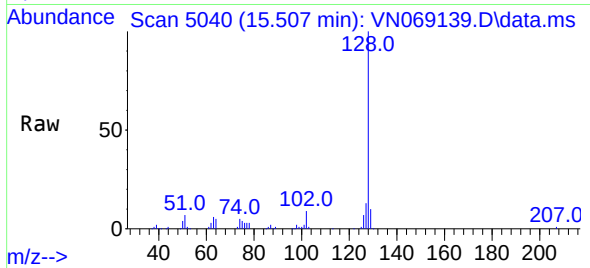
Tgt Ion:225 Resp: 40728
Ion Ratio Lower Upper
225 100
223 63.8 0.0 126.8
227 62.4 0.0 123.0





#91
Naphthalene
Concen: 19.286 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18

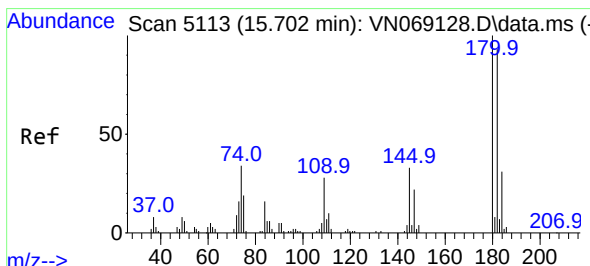
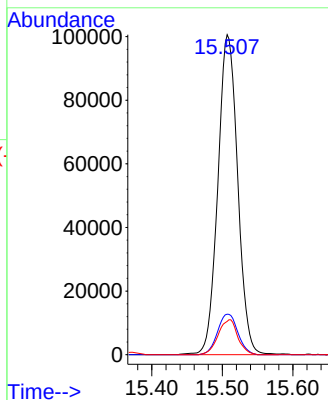
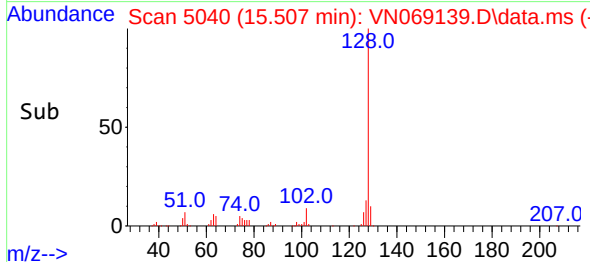
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02



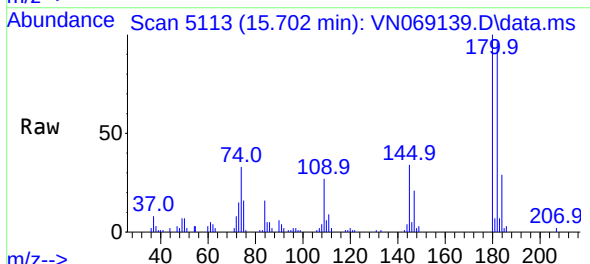
Tgt Ion:128 Resp: 19636
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.8 9.0 13.6

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



#92
1,2,3-Trichlorobenzene
Concen: 20.515 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069139.D
Acq: 22 Oct 2021 17:18



Tgt Ion:180 Resp: 69011
Ion Ratio Lower Upper
180 100
182 95.3 0.0 190.0
145 34.1 0.0 67.8

