

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069907.D
 Acq On : 9 Dec 2021 13:16
 Operator : JC/MD
 Sample : VN1209WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 10 06:13:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1043559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1701101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1557381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	649141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	822228	51.030	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.060%			
35) Dibromofluoromethane	8.021	113	572115	53.693	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.380%			
50) Toluene-d8	10.440	98	2216683	51.810	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.620%			
62) 4-Bromofluorobenzene	12.731	95	781597	50.426	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	236466	19.428	ug/l	99
3) Chloromethane	2.306	50	278618	18.272	ug/l	100
4) Vinyl Chloride	2.448	62	264539	18.867	ug/l	99
5) Bromomethane	2.864	94	158304	20.782	ug/l	98
6) Chloroethane	3.027	64	164805	19.181	ug/l	96
7) Trichlorofluoromethane	3.379	101	362876	19.719	ug/l	99
8) Diethyl Ether	3.827	74	140020	19.756	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.210	101	212224	20.573	ug/l	97
10) Methyl Iodide	4.419	142	253031	17.955	ug/l	97
11) Tert butyl alcohol	5.374	59	220767	72.486	ug/l	99
12) 1,1-Dichloroethene	4.183	96	194588	19.576	ug/l	88
13) Acrolein	4.041	56	247557	95.447	ug/l	100
14) Allyl chloride	4.846	41	443269	19.790	ug/l	94
15) Acrylonitrile	5.554	53	724653	88.297	ug/l	99
16) Acetone	4.288	43	889436	91.766	ug/l	97
17) Carbon Disulfide	4.529	76	537760	20.940	ug/l	99
18) Methyl Acetate	4.857	43	535479	18.303	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	745843	19.297	ug/l	94
20) Methylene Chloride	5.093	84	244990	19.014	ug/l #	83
21) trans-1,2-Dichloroethene	5.602	96	211367	19.577	ug/l	85
22) Diisopropyl ether	6.498	45	889239	20.311	ug/l #	94
23) Vinyl Acetate	6.434	43	3599366	101.055	ug/l #	93
24) 1,1-Dichloroethane	6.388	63	455553	20.087	ug/l	98
25) 2-Butanone	7.335	43	1119453	85.005	ug/l	92
26) 2,2-Dichloropropane	7.327	77	369373	20.948	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	251340	19.268	ug/l	85
28) Bromochloromethane	7.659	49	243058	20.610	ug/l #	77
29) Tetrahydrofuran	7.686	42	696991	87.160	ug/l #	87
30) Chloroform	7.817	83	464295	20.271	ug/l	100
31) Cyclohexane	8.094	56	437581	19.515	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	394071	20.199	ug/l	95
36) 1,1-Dichloropropene	8.220	75	327294	20.211	ug/l	96
37) Ethyl Acetate	7.412	43	427259	17.727	ug/l	95
38) Carbon Tetrachloride	8.206	117	337118	21.229	ug/l	97
39) Methylcyclohexane	9.459	83	387259	20.104	ug/l	89
40) Benzene	8.458	78	990566	20.012	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	212796	18.807	ug/l	88
42) 1,2-Dichloroethane	8.528	62	398594	19.948	ug/l	96
43) Isopropyl Acetate	8.560	43	686103	19.236	ug/l #	93
44) Trichloroethene	9.215	130	234996	19.891	ug/l	93
45) 1,2-Dichloropropane	9.488	63	272744	20.519	ug/l	98
46) Dibromomethane	9.577	93	173930	19.952	ug/l	93
47) Bromodichloromethane	9.759	83	362103	21.939	ug/l	98
48) Methyl methacrylate	9.558	41	313371	18.826	ug/l	86
49) 1,4-Dioxane	9.569	88	89158	298.517	ug/l #	80
51) 4-Methyl-2-Pentanone	10.330	43	2157157	93.227	ug/l	94
52) Toluene	10.505	92	602830	19.948	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	370956	20.434	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	404166	20.620	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	238751	19.581	ug/l	97
56) Ethyl methacrylate	10.760	69	388656	18.402	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	428981	19.981	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	411288	79.720	ug/l	91
59) 2-Hexanone	11.084	43	1532623	87.560	ug/l	92
60) Dibromochloromethane	11.237	129	262225	21.494	ug/l	99
61) 1,2-Dibromoethane	11.344	107	247622	19.607	ug/l	97
64) Tetrachloroethene	10.977	164	207777	19.676	ug/l	94
65) Chlorobenzene	11.768	112	631120	19.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	241589	21.725	ug/l	98
67) Ethyl Benzene	11.843	91	1166394	20.324	ug/l	95
68) m/p-Xylenes	11.953	106	846601	40.514	ug/l	92
69) o-Xylene	12.280	106	410867	19.520	ug/l	90
70) Styrene	12.294	104	676187	20.259	ug/l	96
71) Bromoform	12.457	173	190522	21.668	ug/l #	98
73) Isopropylbenzene	12.578	105	1086091	18.805	ug/l	99
74) N-amyl acetate	12.388	43	435002	17.031	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	375126	18.783	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	334814m	17.985	ug/l	
77) Bromobenzene	12.860	156	251814	18.562	ug/l	78
78) n-propylbenzene	12.919	91	1246225	19.391	ug/l	96
79) 2-Chlorotoluene	13.007	91	765419	18.848	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	898163	19.321	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	103028	20.703	ug/l	93
82) 4-Chlorotoluene	13.104	91	732619	19.183	ug/l	93
83) tert-Butylbenzene	13.324	119	767681	18.650	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	869040	19.630	ug/l	98
85) sec-Butylbenzene	13.501	105	1069399	19.154	ug/l	97
86) p-Isopropyltoluene	13.616	119	841835	19.289	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	428638	19.233	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	414804	18.939	ug/l	97
89) n-Butylbenzene	13.943	91	662484	18.713	ug/l	97
90) Hexachloroethane	14.209	117	174833	22.817	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	408414	18.808	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	66421	18.405	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	170647	17.978	ug/l	98
94) Hexachlorobutadiene	15.370	225	124316	21.602	ug/l	98
95) Naphthalene	15.507	128	382095	15.070	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	163648	17.434	ug/l	99

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

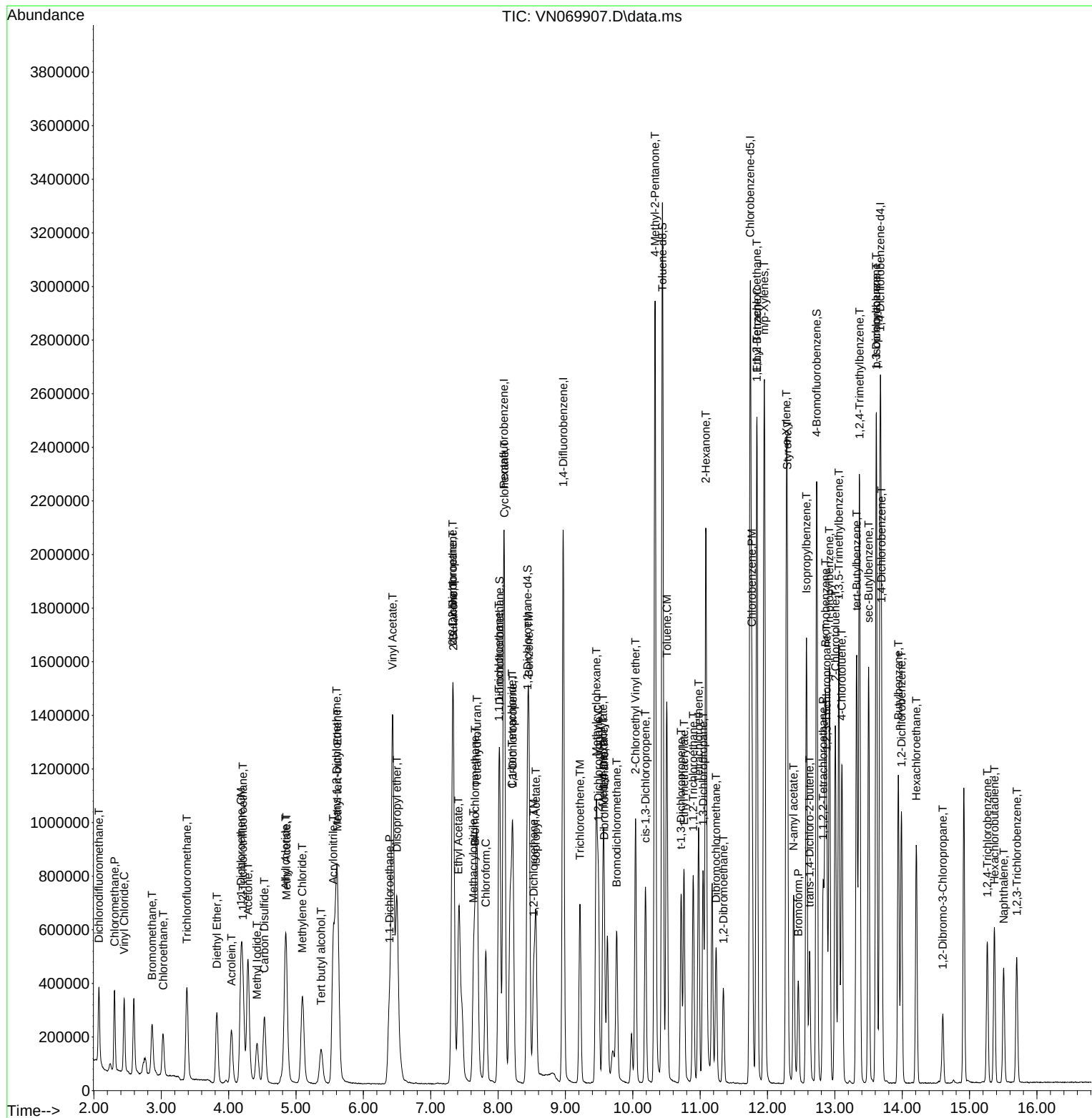
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
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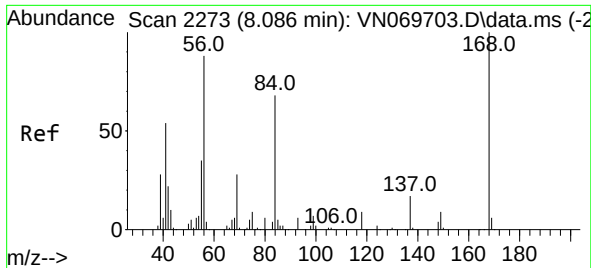
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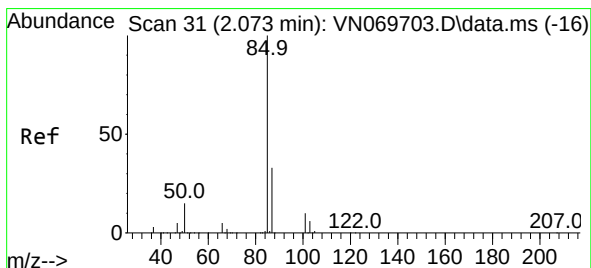
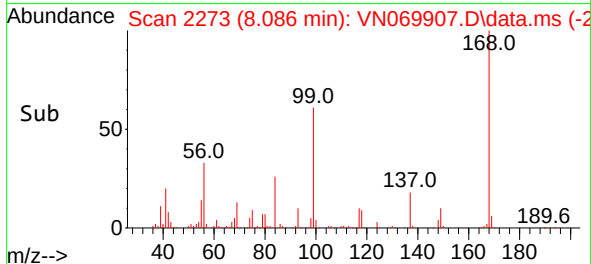
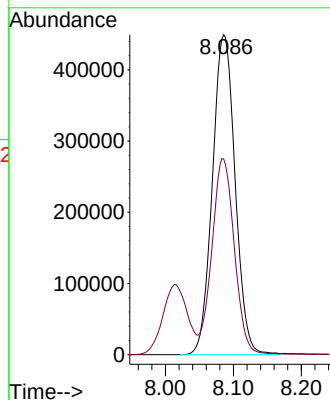
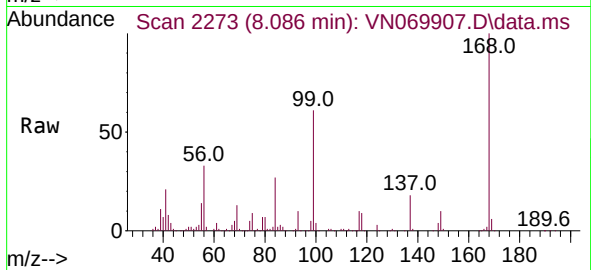
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069907.D
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Tgt Ion:168 Resp: 1043559
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9

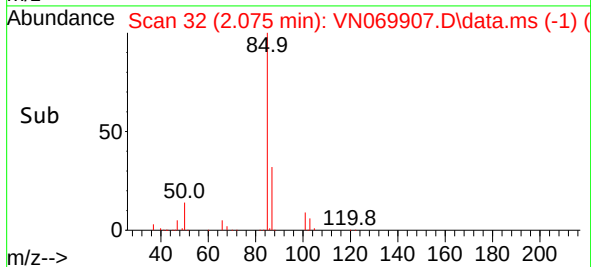
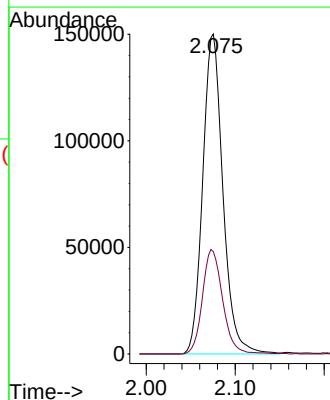
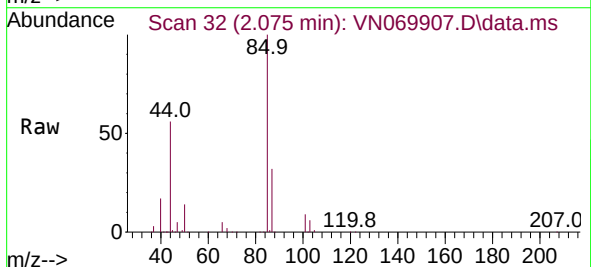
Manual Integrations
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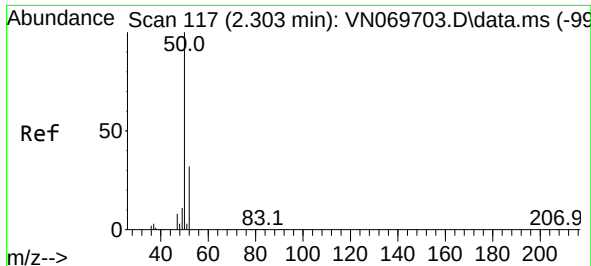
Reviewed By :John Carlone 12/10/2021
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#2
Dichlorodifluoromethane
Concen: 19.428 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

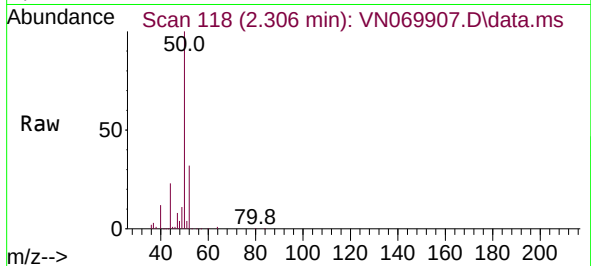
Tgt Ion: 85 Resp: 236466
Ion Ratio Lower Upper
85 100
87 32.0 16.3 48.9





#3
Chloromethane
Concen: 18.272 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

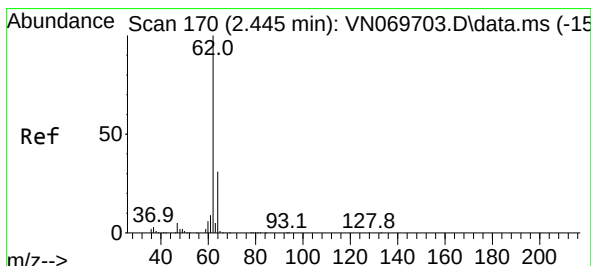
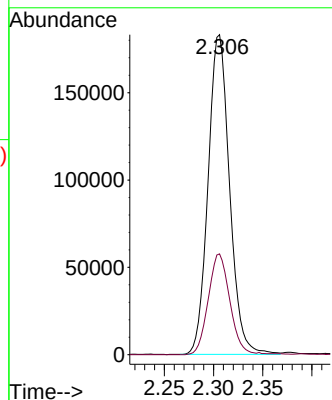
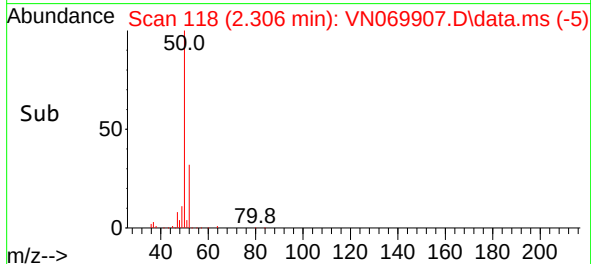
Instrument :
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Tgt Ion: 50 Resp: 278618
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.0

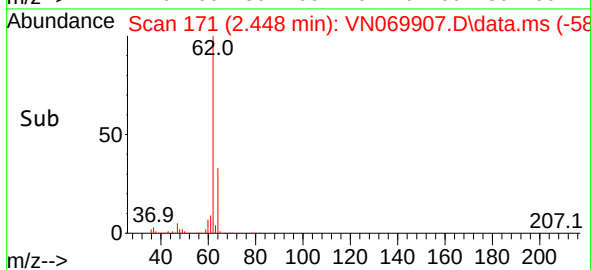
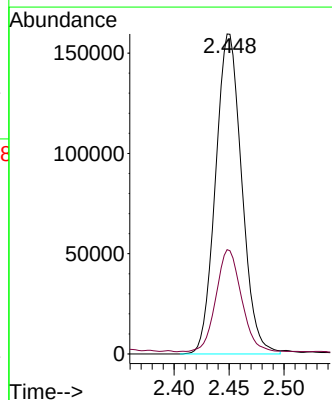
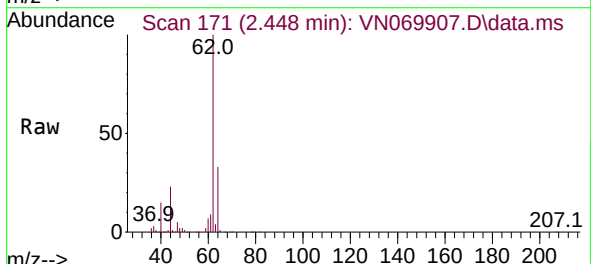
Manual Integrations
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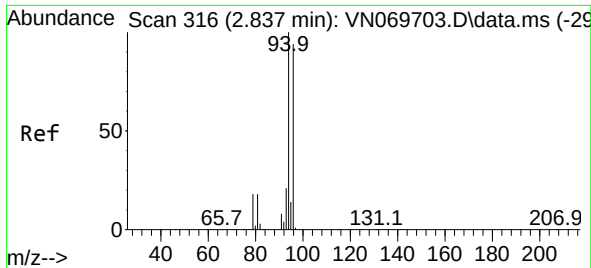
Reviewed By :John Carlone 12/10/2021
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#4
Vinyl Chloride
Concen: 18.867 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

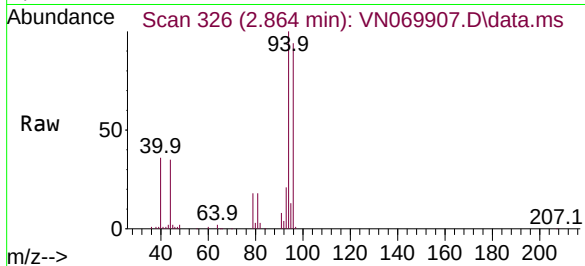
Tgt Ion: 62 Resp: 264539
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 20.782 ug/l
RT: 2.864 min Scan# 316
Delta R.T. 0.027 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

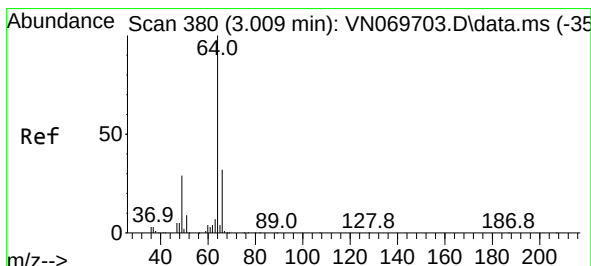
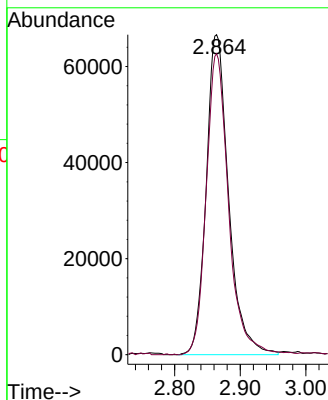
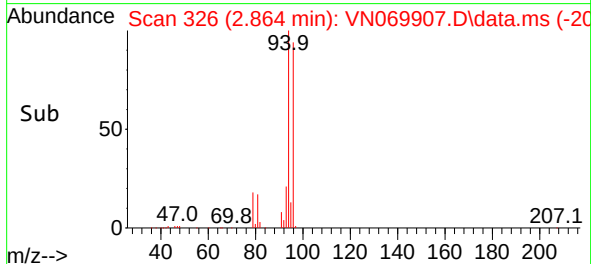
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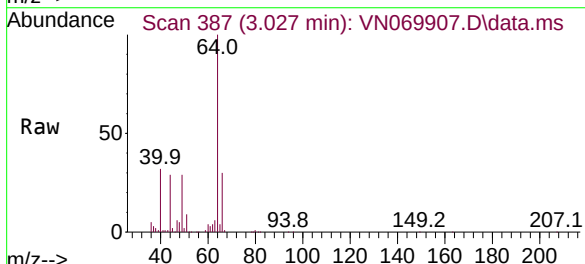
Tgt Ion: 94 Resp: 158304
Ion Ratio Lower Upper
94 100
96 94.0 73.8 110.8

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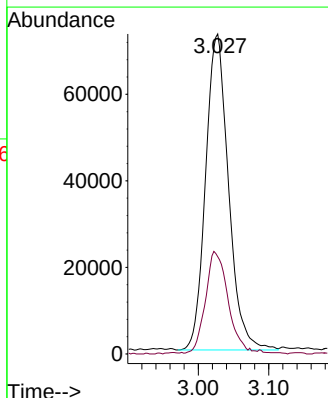
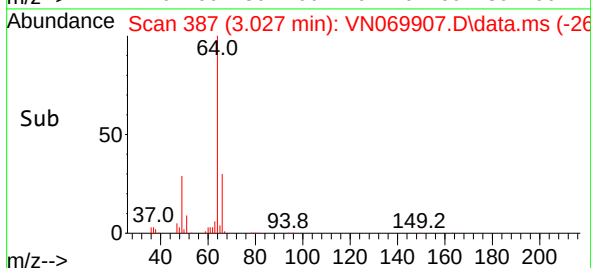
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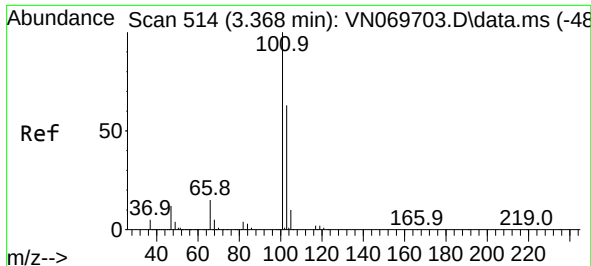


#6
Chloroethane
Concen: 19.181 ug/l
RT: 3.027 min Scan# 387
Delta R.T. 0.019 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16



Tgt Ion: 64 Resp: 164805
Ion Ratio Lower Upper
64 100
66 30.5 26.3 39.5





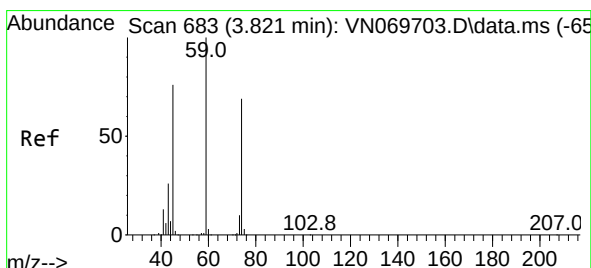
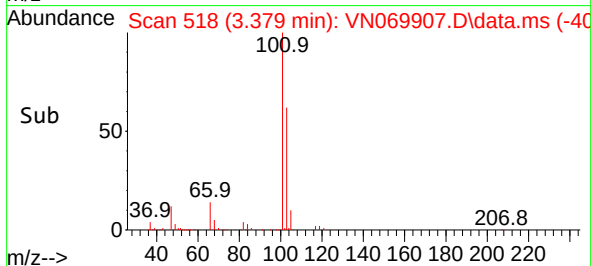
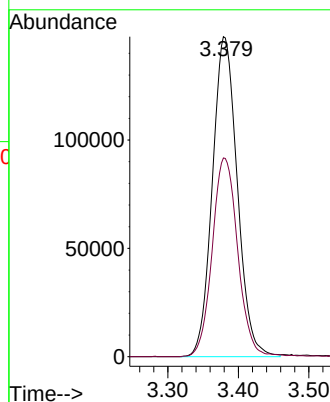
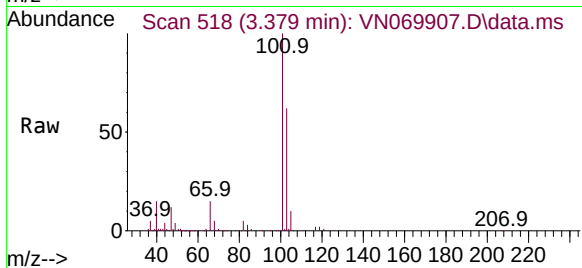
#7
 Trichlorofluoromethane
 Concen: 19.719 ug/l
 RT: 3.379 min Scan# 514
 Delta R.T. 0.011 min
 Lab File: VN069907.D
 Acq: 9 Dec 2021 13:16

Instrument :
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Tgt Ion:101 Resp: 362870
 Ion Ratio Lower Upper
 101 100
 103 62.1 50.1 75.1

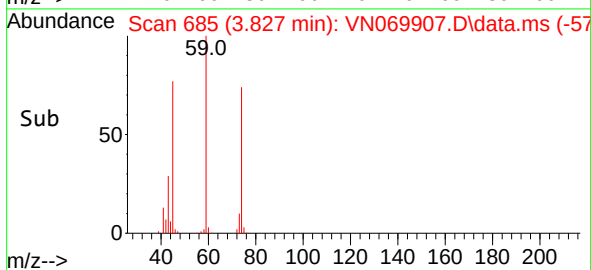
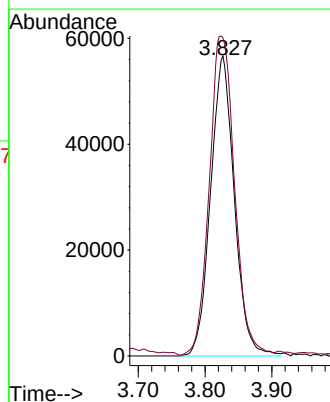
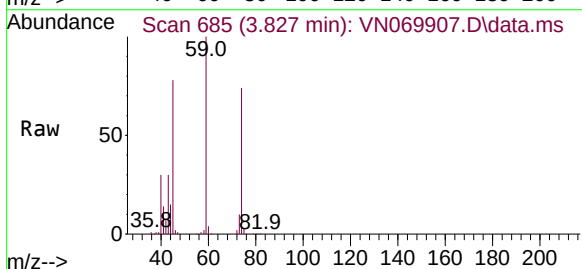
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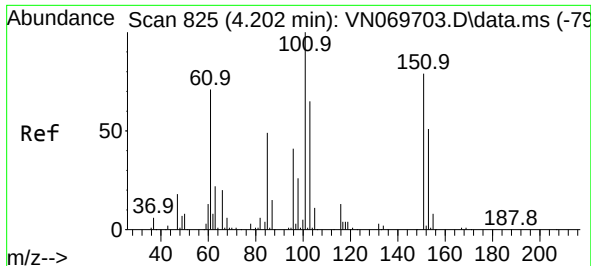
Reviewed By :John Carlone 12/10/2021
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#8
 Diethyl Ether
 Concen: 19.756 ug/l
 RT: 3.827 min Scan# 685
 Delta R.T. 0.005 min
 Lab File: VN069907.D
 Acq: 9 Dec 2021 13:16

Tgt Ion: 74 Resp: 140020
 Ion Ratio Lower Upper
 74 100
 45 113.0 47.0 141.2





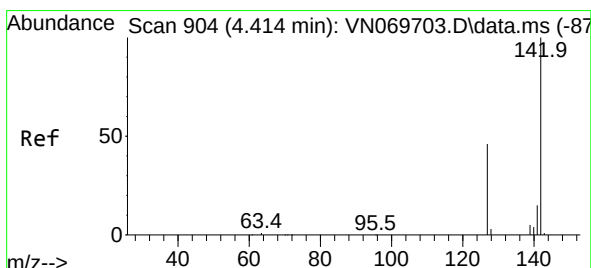
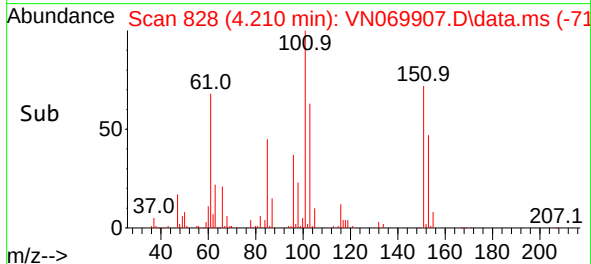
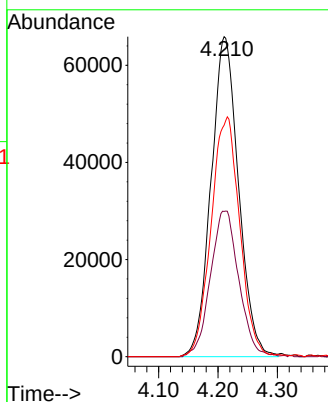
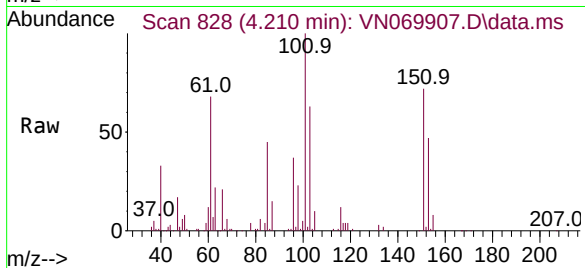
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.573 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion:101 Resp: 212224
Ion Ratio Lower Upper
101 100
85 47.0 37.2 55.8
151 78.1 65.9 98.9

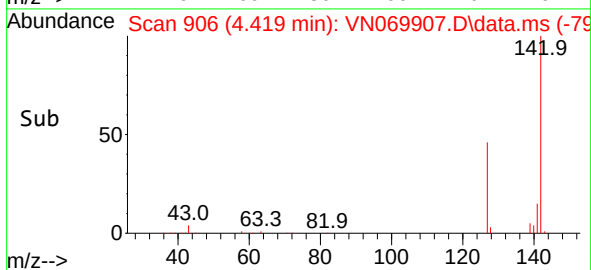
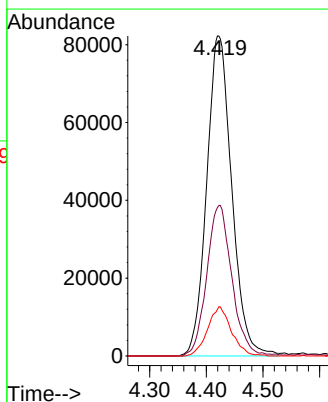
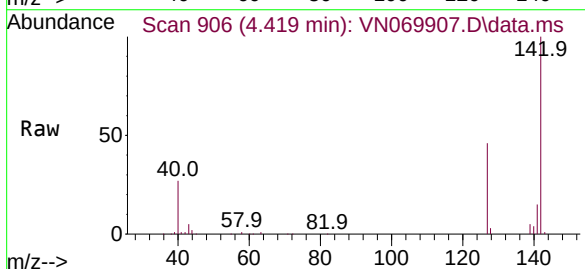
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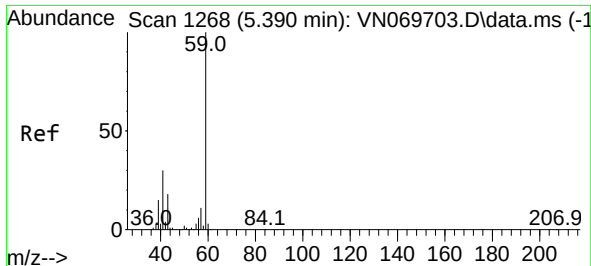
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 17.955 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

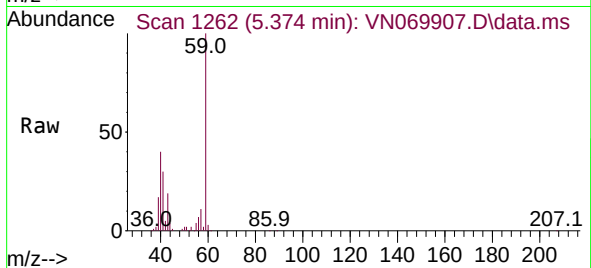
Tgt Ion:142 Resp: 253031
Ion Ratio Lower Upper
142 100
127 46.7 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 72.486 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

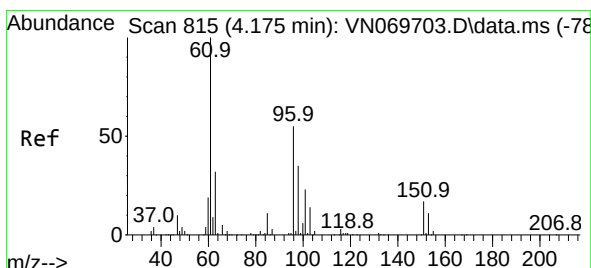
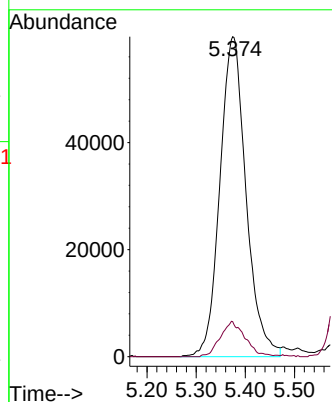
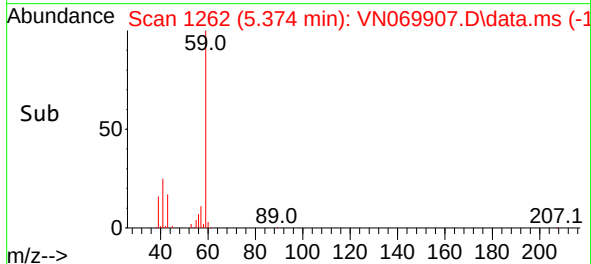
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 59 Resp: 22076
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

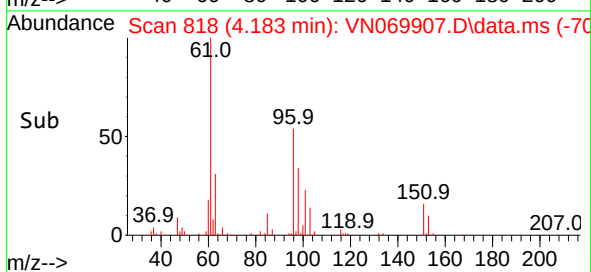
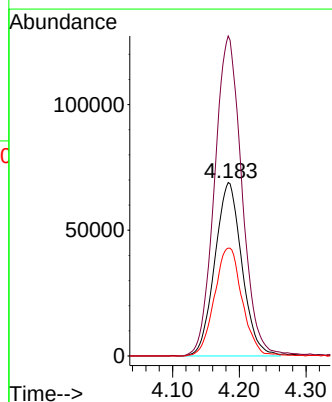
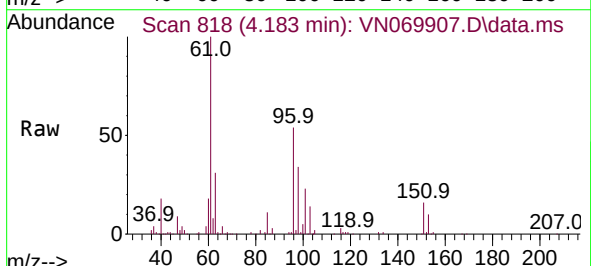
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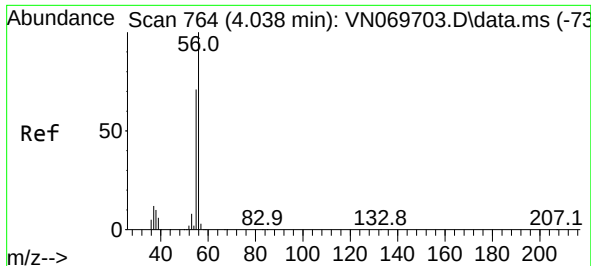
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#12
1,1-Dichloroethene
Concen: 19.576 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Tgt Ion: 96 Resp: 194588
Ion Ratio Lower Upper
96 100
61 184.5 131.0 196.6
98 62.2 52.4 78.6





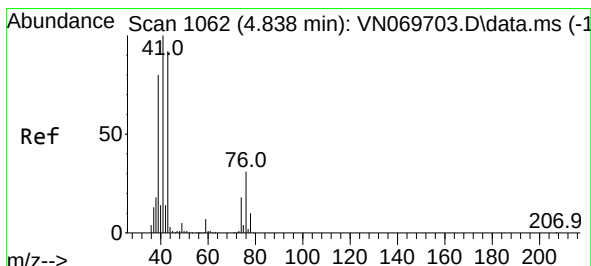
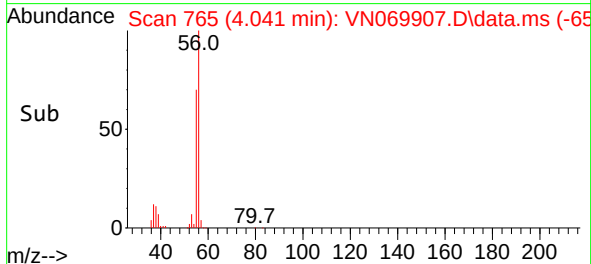
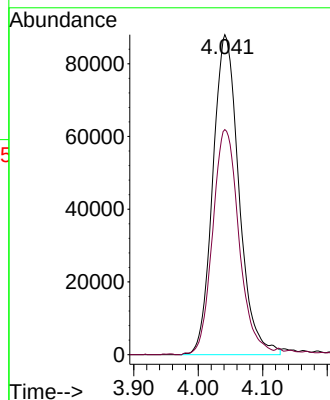
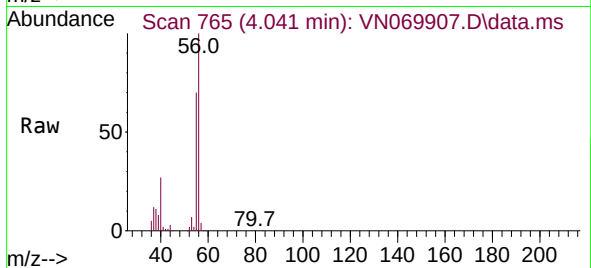
#13
Acrolein
Concen: 95.447 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 56 Resp: 24755
Ion Ratio Lower Upper
56 100
55 71.1 56.6 85.0

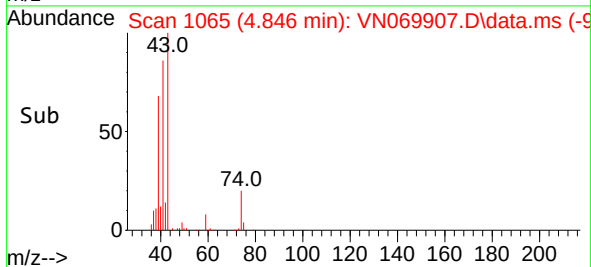
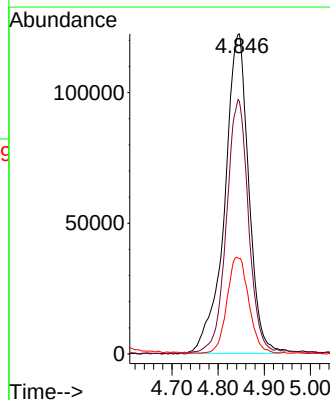
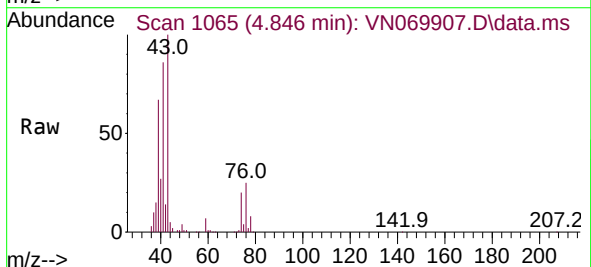
Manual Integrations
APPROVED

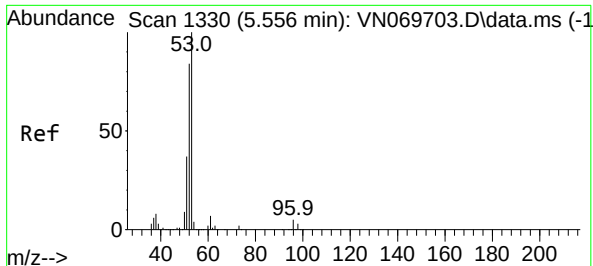
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#14
Allyl chloride
Concen: 19.790 ug/l
RT: 4.846 min Scan# 1065
Delta R.T. 0.008 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Tgt Ion: 41 Resp: 443269
Ion Ratio Lower Upper
41 100
39 73.2 61.2 91.8
76 27.2 26.0 39.0





#15

Acrylonitrile

Concen: 88.297 ug/l

RT: 5.554 min Scan# 1329

Delta R.T. -0.003 min

Lab File: VN069907.D

Acq: 9 Dec 2021 13:16

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

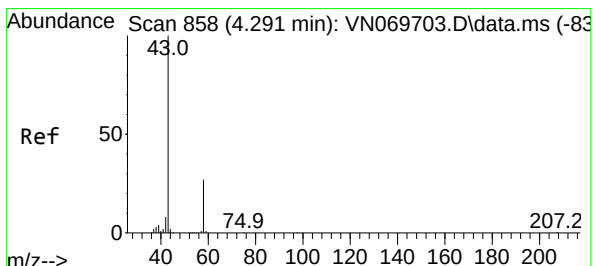
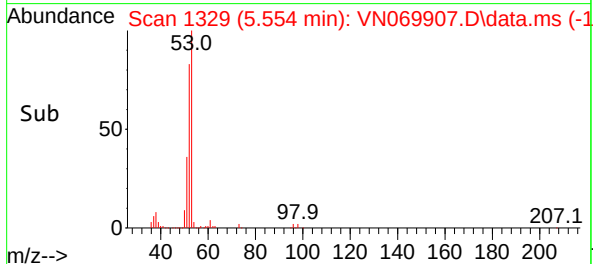
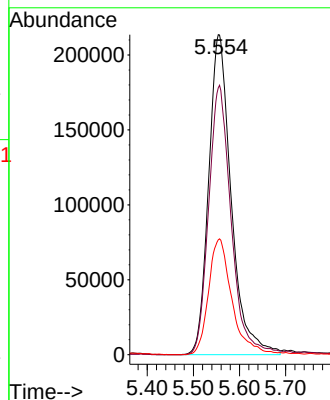
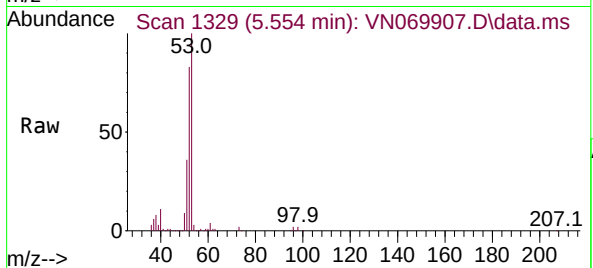
Tgt Ion: 53	Resp: 72465
Ion Ratio	Lower Upper
53 100	
52 84.0	66.2 99.2
51 37.3	29.6 44.4

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#16

Acetone

Concen: 91.766 ug/l

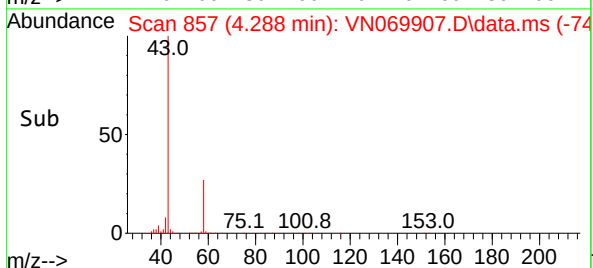
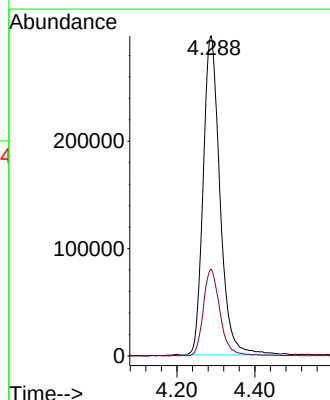
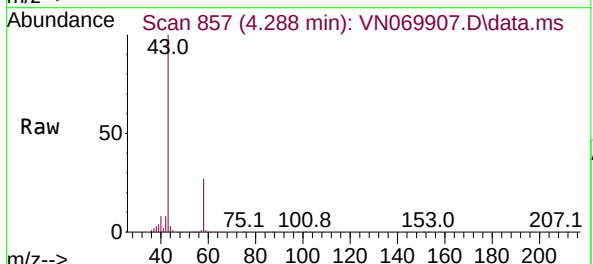
RT: 4.288 min Scan# 857

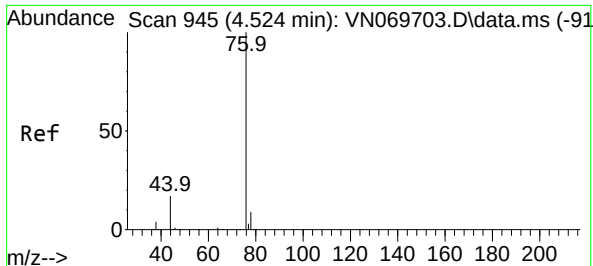
Delta R.T. -0.003 min

Lab File: VN069907.D

Acq: 9 Dec 2021 13:16

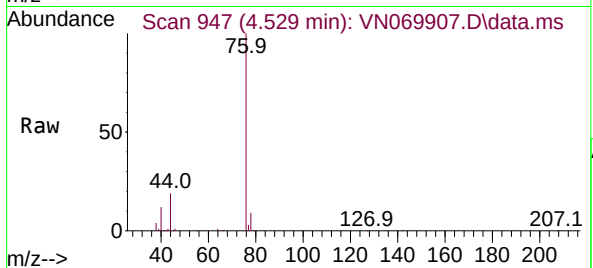
Tgt Ion: 43	Resp: 889436
Ion Ratio	Lower Upper
43 100	
58 27.1	23.1 34.7





#17
Carbon Disulfide
Concen: 20.940 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

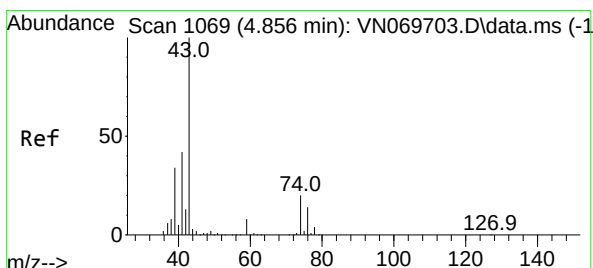
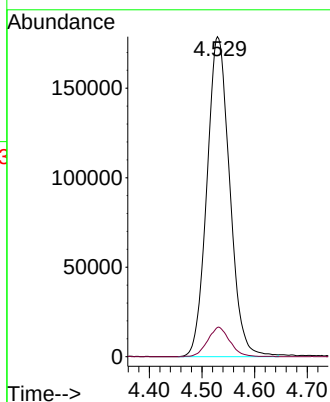
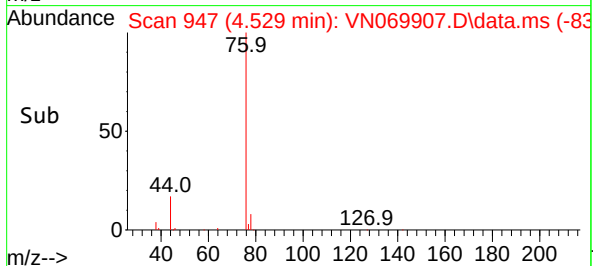
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



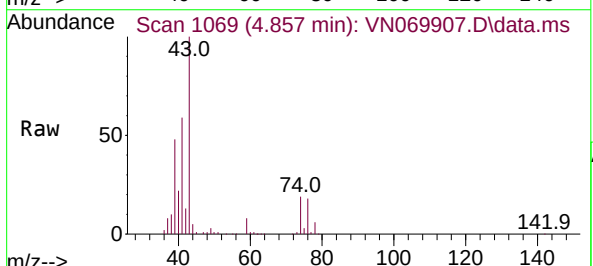
Tgt Ion: 76 Resp: 537760
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

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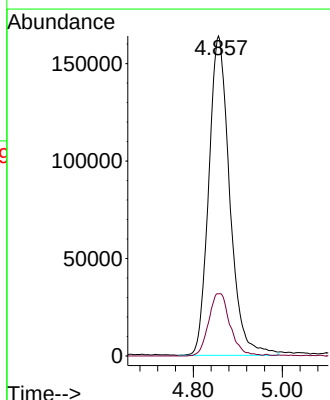
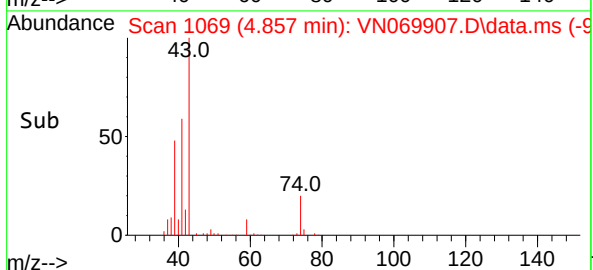
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

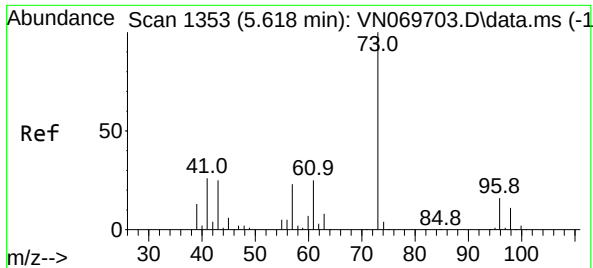


#18
Methyl Acetate
Concen: 18.303 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16



Tgt Ion: 43 Resp: 535479
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 19.297 ug/l

RT: 5.616 min Scan# 11352

Delta R.T. -0.003 min

Lab File: VN069907.D

Acq: 9 Dec 2021 13:16

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 73 Resp: 74584

Ion Ratio Lower Upper

73 100

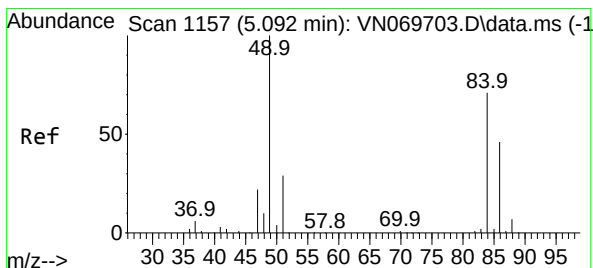
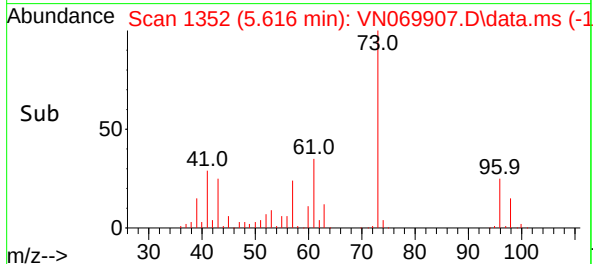
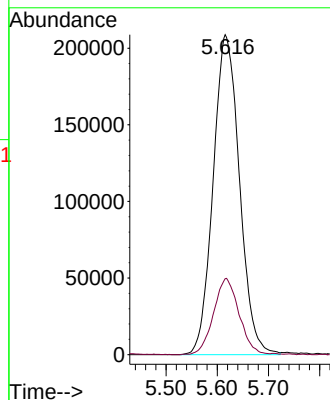
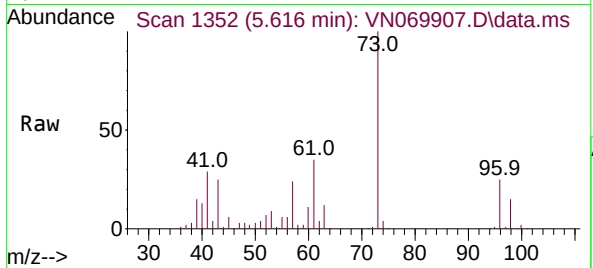
57 23.8 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#20

Methylene Chloride

Concen: 19.014 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN069907.D

Acq: 9 Dec 2021 13:16

Tgt Ion: 84 Resp: 244990

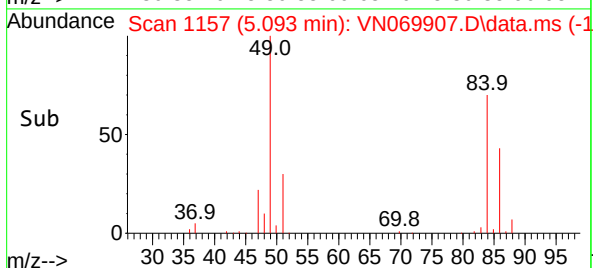
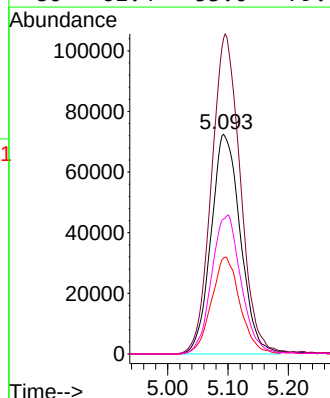
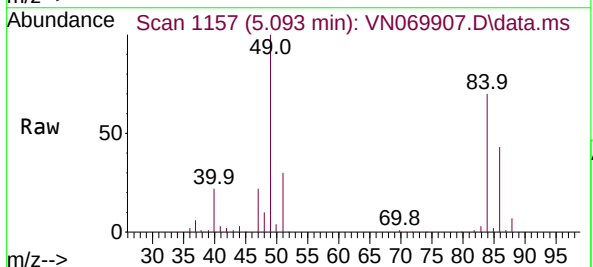
Ion Ratio Lower Upper

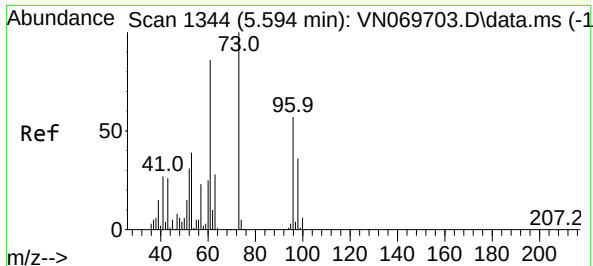
84 100

49 143.3 93.5 140.3#

51 43.6 29.4 44.2

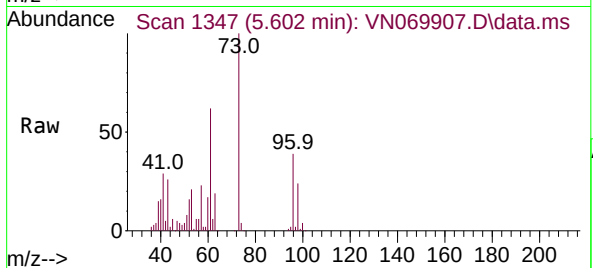
86 61.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.577 ug/l
RT: 5.602 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

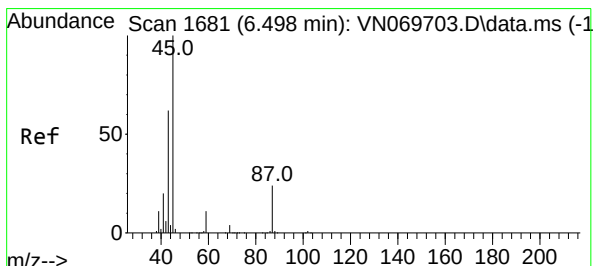
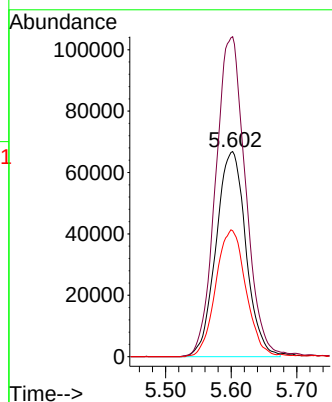
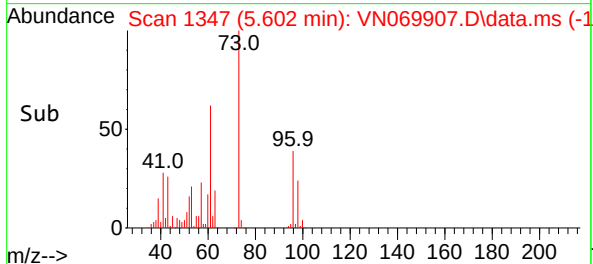
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 96 Resp: 21136
Ion Ratio Lower Upper
96 100
61 156.1 105.8 158.6
98 61.4 52.0 78.0

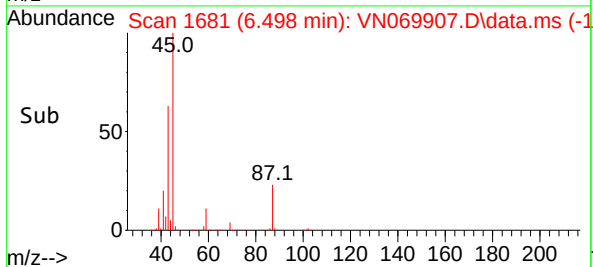
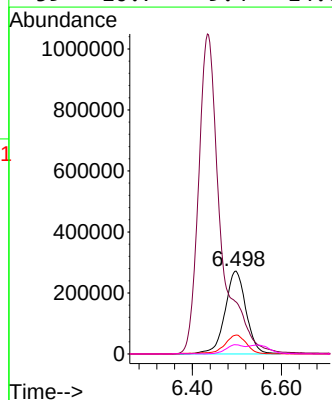
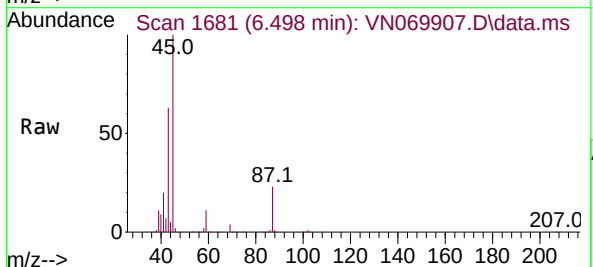
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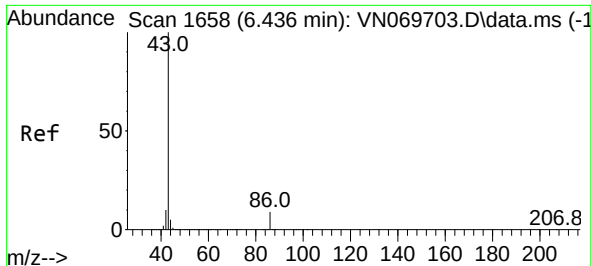
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#22
Diisopropyl ether
Concen: 20.311 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

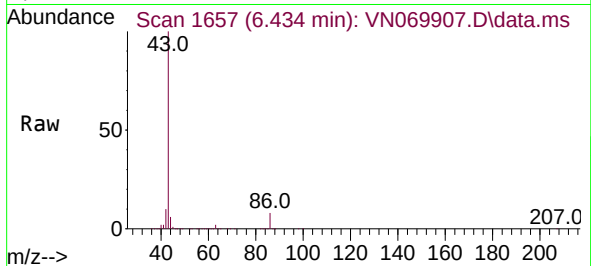
Tgt Ion: 45 Resp: 889239
Ion Ratio Lower Upper
45 100
43 61.5 51.7 77.5
87 22.5 23.2 34.8#
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 101.055 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069907.D
 Acq: 9 Dec 2021 13:16

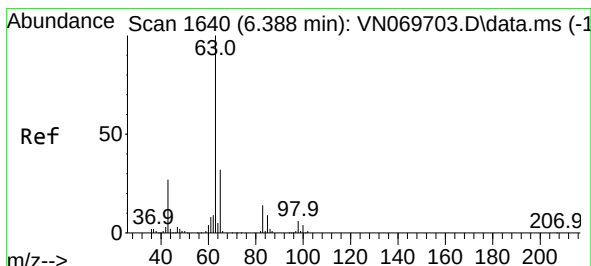
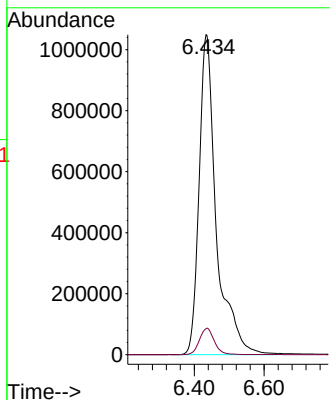
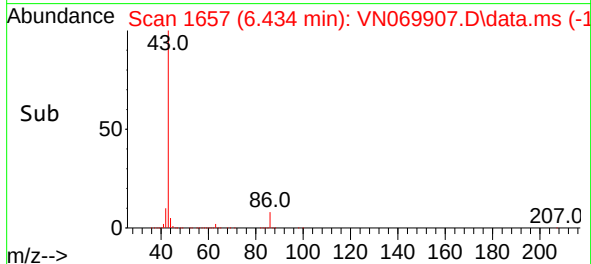
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01



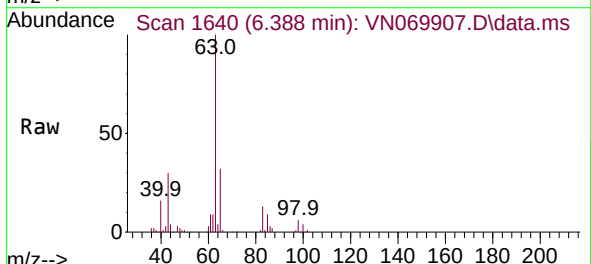
Tgt Ion: 43 Resp: 359936
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

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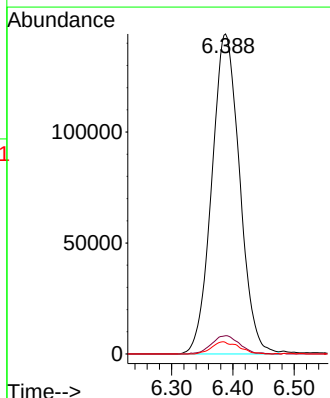
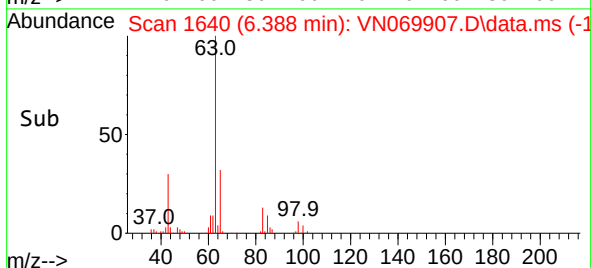
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021

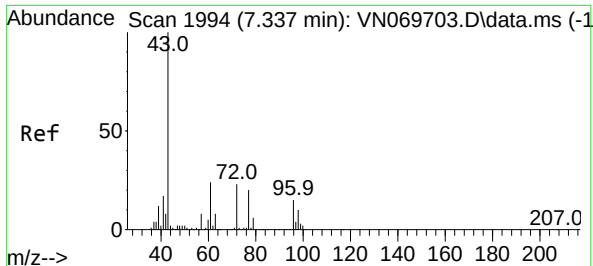


#24
 1,1-Dichloroethane
 Concen: 20.087 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069907.D
 Acq: 9 Dec 2021 13:16



Tgt Ion: 63 Resp: 455553
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.9
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 85.005 ug/l

RT: 7.335 min Scan# 1994

Delta R.T. -0.003 min

Lab File: VN069907.D

Acq: 9 Dec 2021 13:16

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 43 Resp: 111945

Ion Ratio Lower Upper

43 100

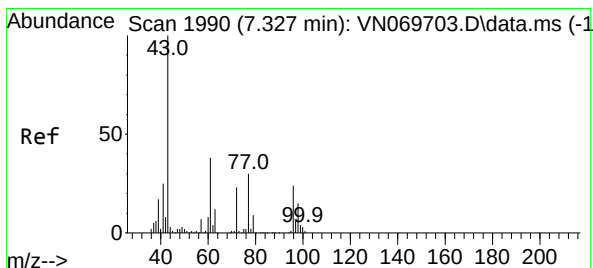
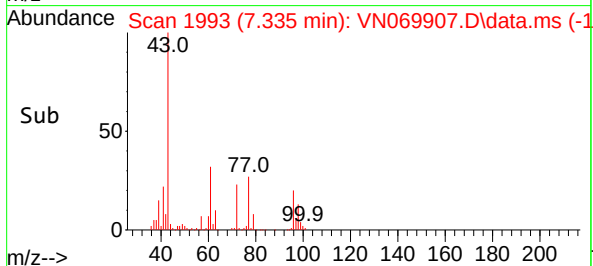
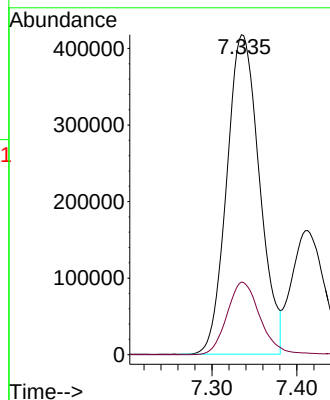
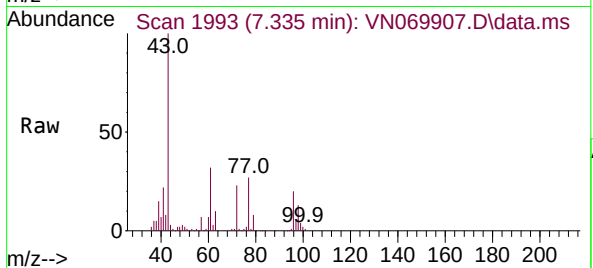
72 22.7 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#26

2,2-Dichloropropane

Concen: 20.948 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069907.D

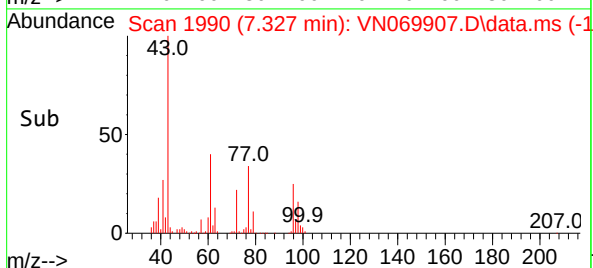
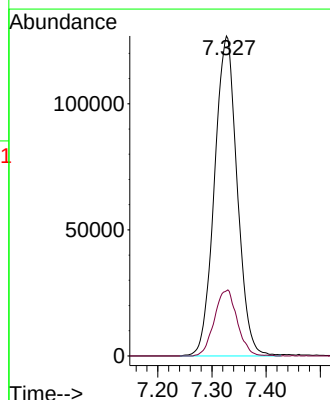
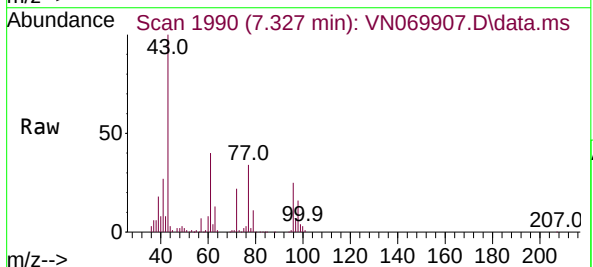
Acq: 9 Dec 2021 13:16

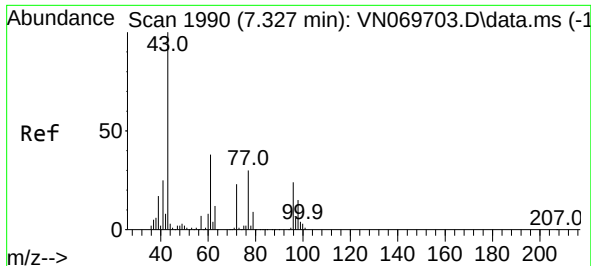
Tgt Ion: 77 Resp: 369373

Ion Ratio Lower Upper

77 100

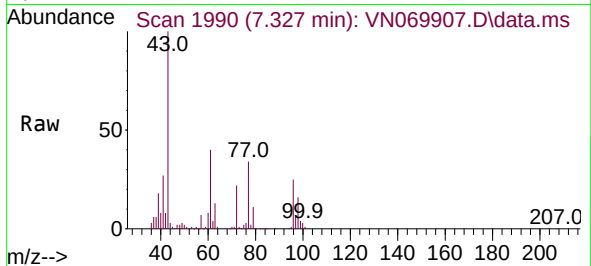
97 20.8 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.268 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN069907.D
 Acq: 9 Dec 2021 13:16

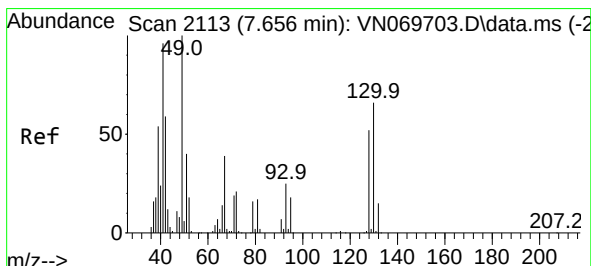
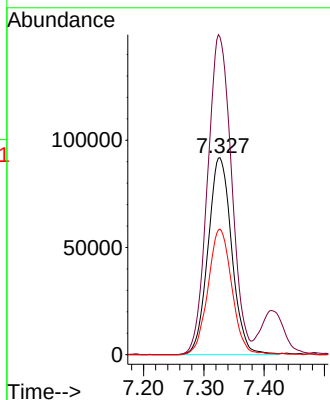
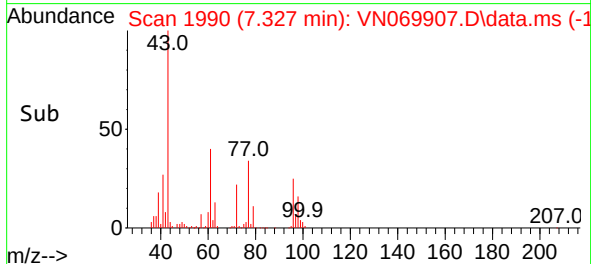
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01



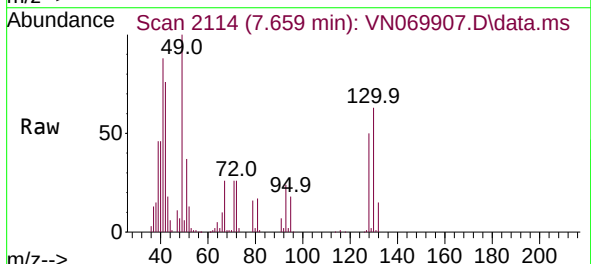
Tgt Ion: 96 Resp: 251340
 Ion Ratio Lower Upper
 96 100
 61 164.0 0.0 275.0
 98 63.9 0.0 129.6

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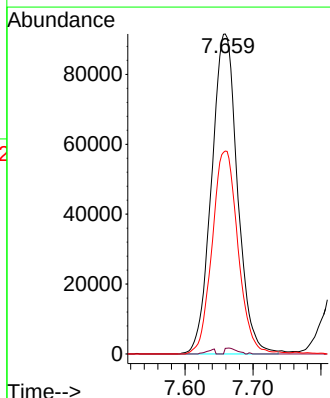
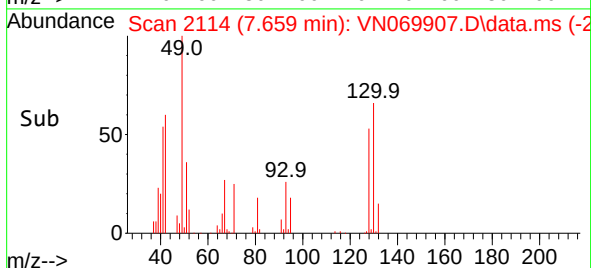
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021

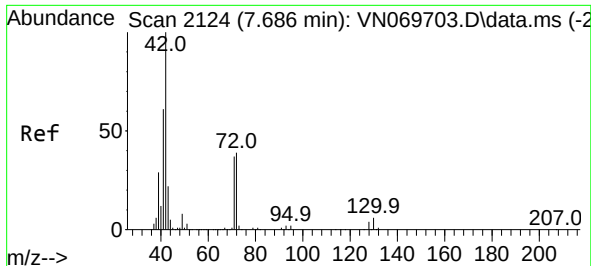


#28
 Bromochloromethane
 Concen: 20.610 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.003 min
 Lab File: VN069907.D
 Acq: 9 Dec 2021 13:16



Tgt Ion: 49 Resp: 243058
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.0
 130 63.2 67.8 101.8#





#29

Tetrahydrofuran

Concen: 87.160 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069907.D

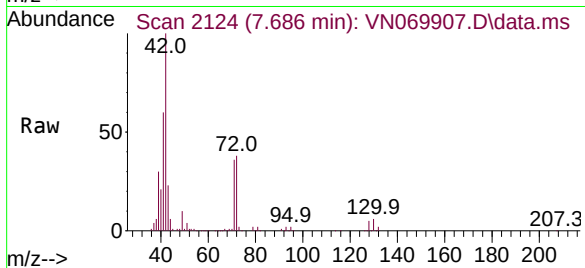
Acq: 9 Dec 2021 13:16

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01



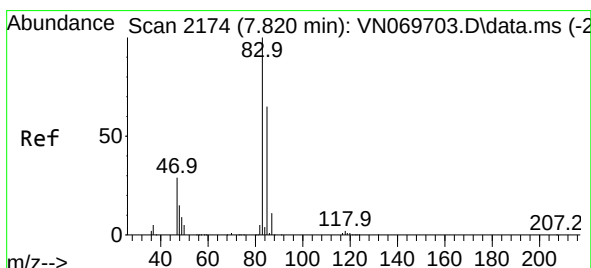
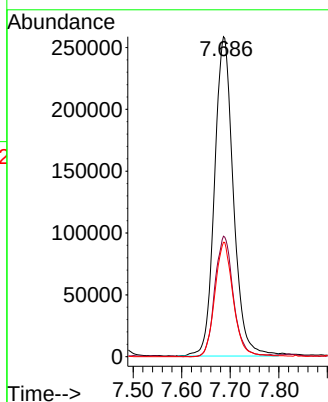
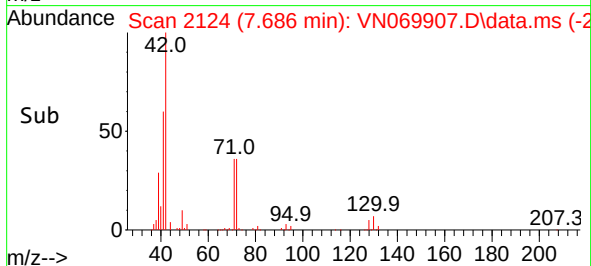
Tgt Ion:	42	Resp:	69699
Ion Ratio	100	Lower	Upper
42	100		
72	37.0	36.3	54.5
71	34.6	34.7	52.1

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#30

Chloroform

Concen: 20.271 ug/l

RT: 7.817 min Scan# 2173

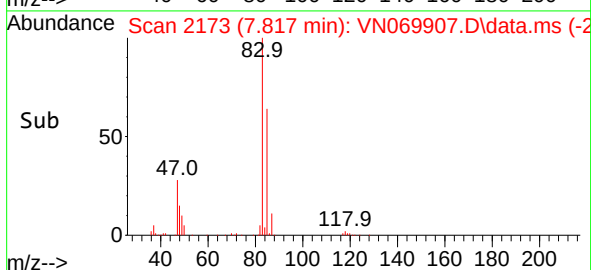
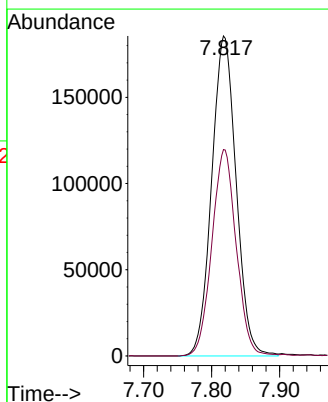
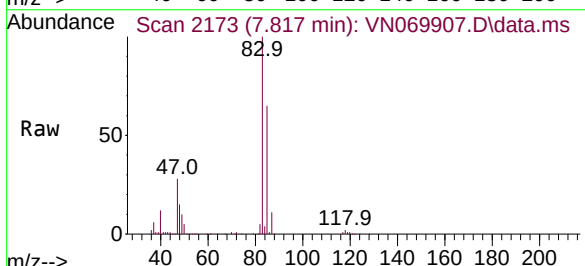
Delta R.T. -0.003 min

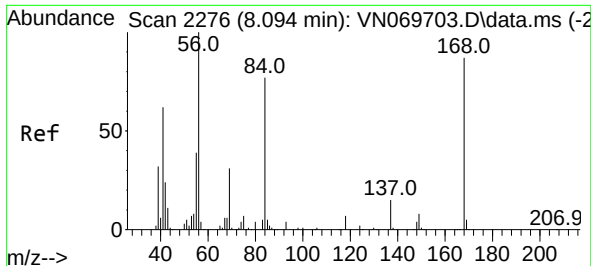
Lab File: VN069907.D

Acq: 9 Dec 2021 13:16

Tgt Ion: 83 Resp: 464295

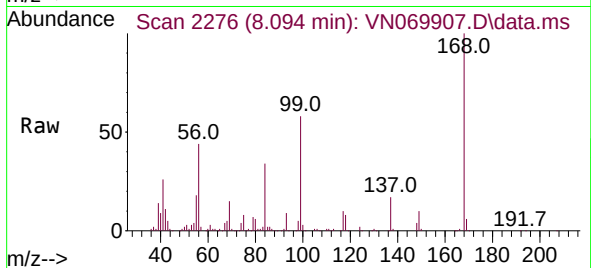
Ion Ratio	Lower	Upper
83	100	
85	64.5	51.9 77.9





#31
Cyclohexane
Concen: 19.515 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

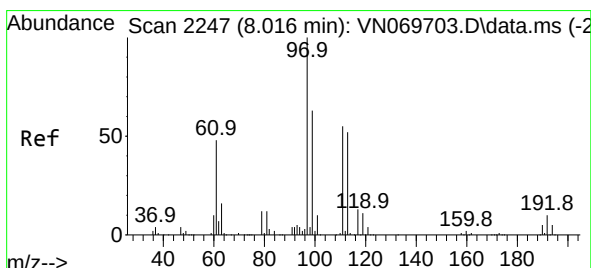
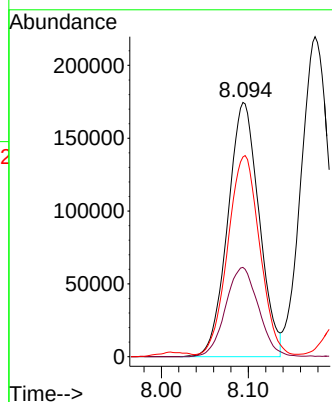
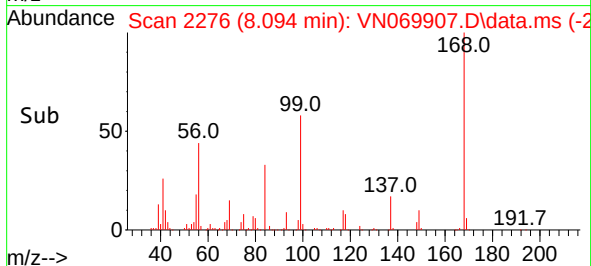
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 56 Resp: 43758
Ion Ratio Lower Upper
56 100
69 35.1 27.1 40.7
84 77.0 73.4 110.0

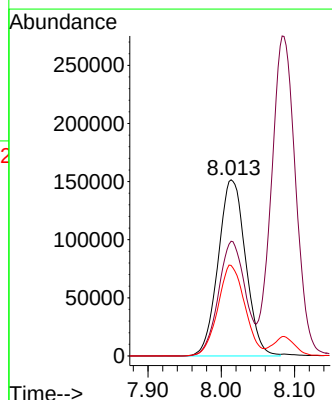
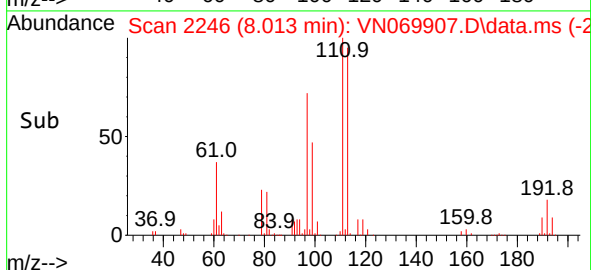
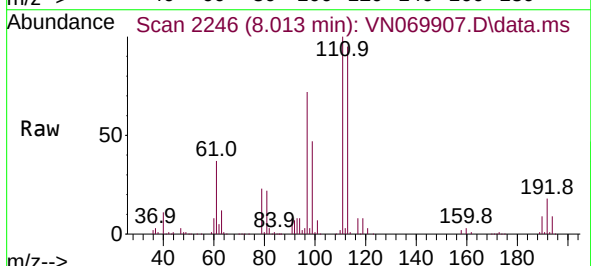
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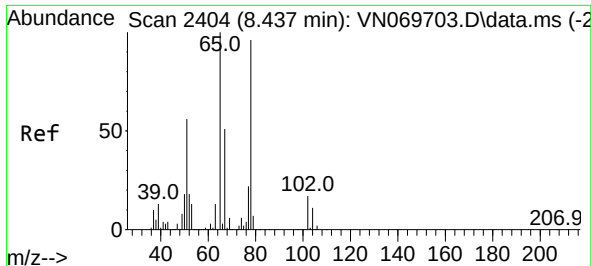
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#32
1,1,1-Trichloroethane
Concen: 20.199 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Tgt Ion: 97 Resp: 394071
Ion Ratio Lower Upper
97 100
99 63.9 50.1 75.1
61 50.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.030 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069907.D

Acq: 9 Dec 2021 13:16

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 65 Resp: 822228

Ion Ratio Lower Upper

65 100

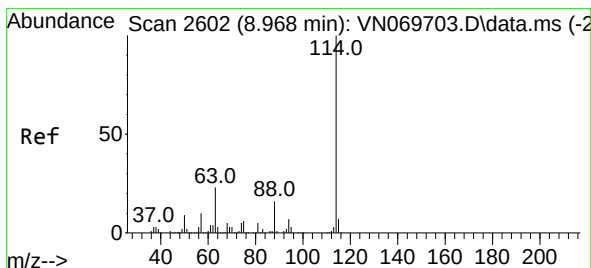
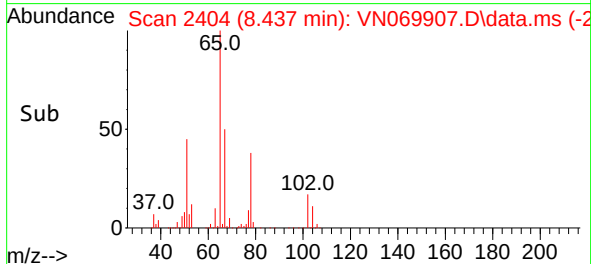
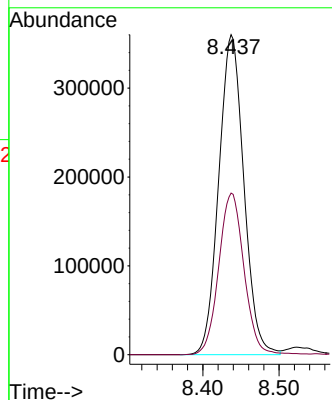
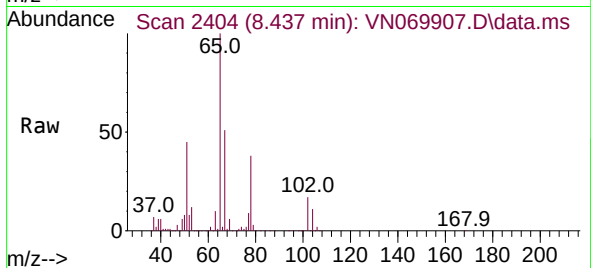
67 51.0 0.0 103.0

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Supervised By :Mahesh Dadoda 12/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069907.D

Acq: 9 Dec 2021 13:16

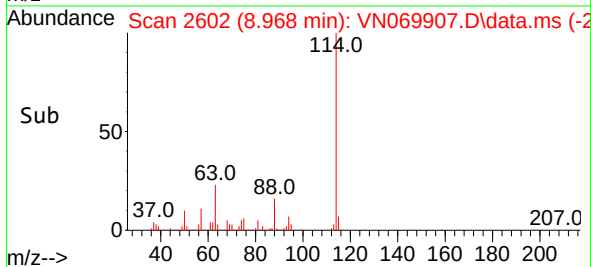
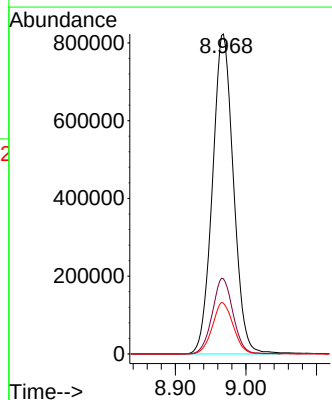
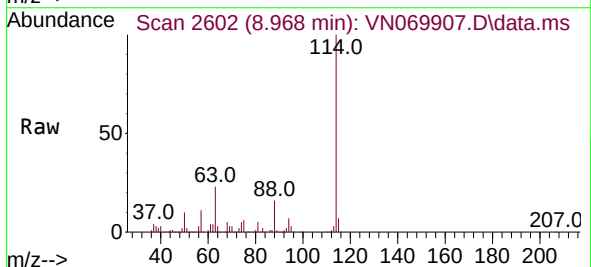
Tgt Ion:114 Resp: 1701101

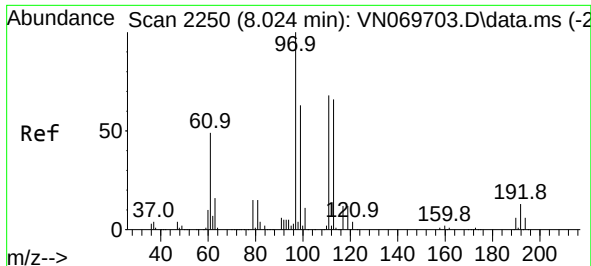
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

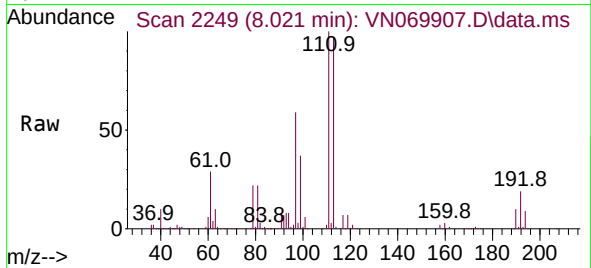
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.693 ug/l
RT: 8.021 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

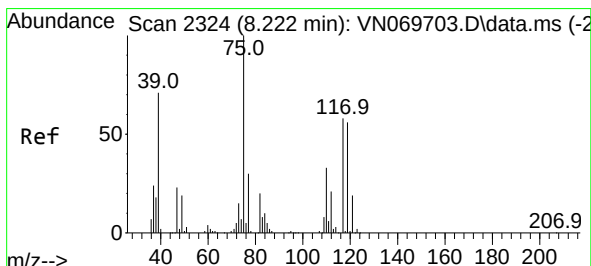
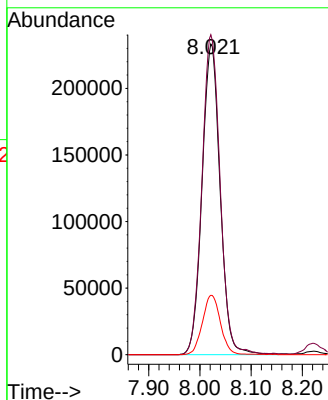
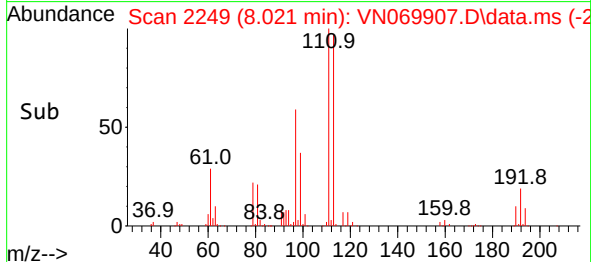
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 113 Resp: 57211
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 19.1 16.9 25.3

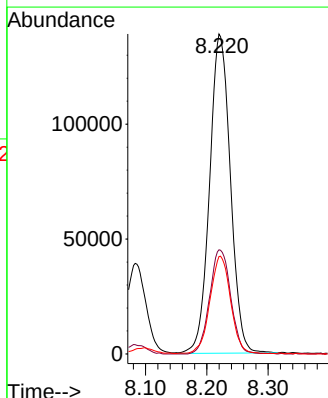
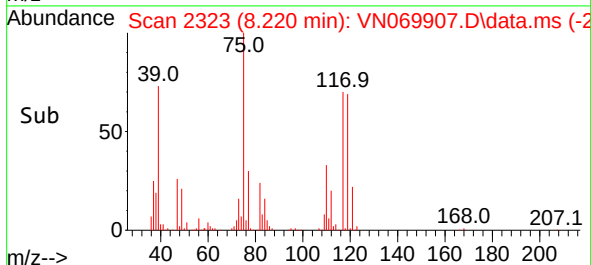
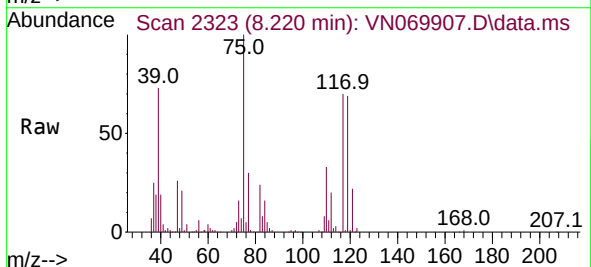
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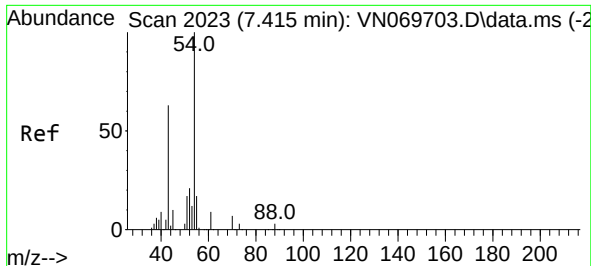
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#36
1,1-Dichloropropene
Concen: 20.211 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Tgt Ion: 75 Resp: 327294
Ion Ratio Lower Upper
75 100
110 33.1 18.4 55.2
77 30.1 24.4 36.6





#37

Ethyl Acetate

Concen: 17.727 ug/l

RT: 7.412 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN069907.D

Acq: 9 Dec 2021 13:16

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 43 Resp: 427259

Ion Ratio Lower Upper

43 100

61 12.5 11.5 17.3

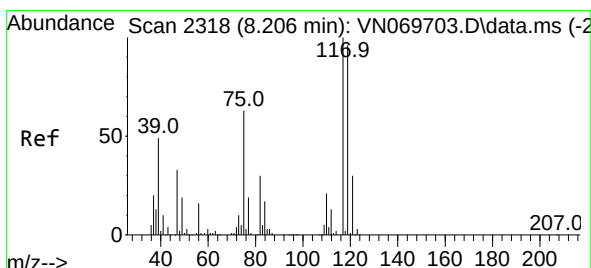
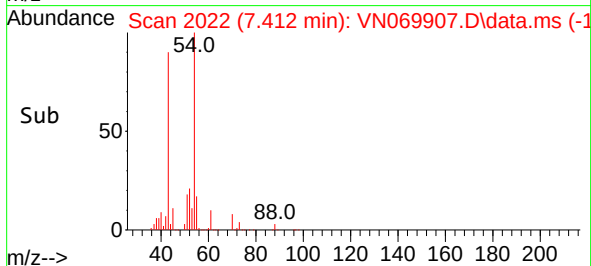
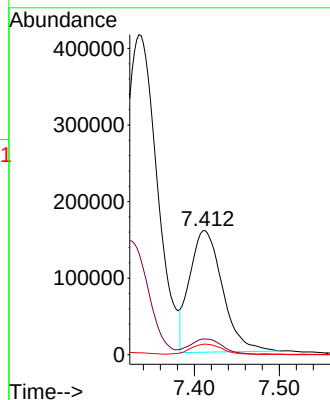
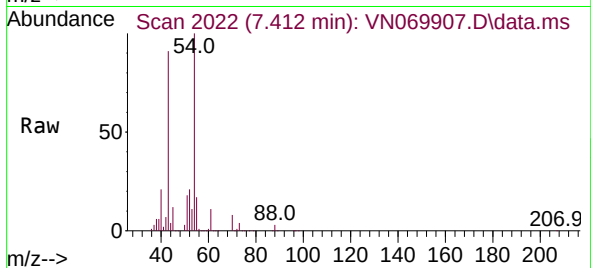
70 8.3 7.9 11.9

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Reviewed By :John Carlone 12/10/2021

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#38

Carbon Tetrachloride

Concen: 21.229 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN069907.D

Acq: 9 Dec 2021 13:16

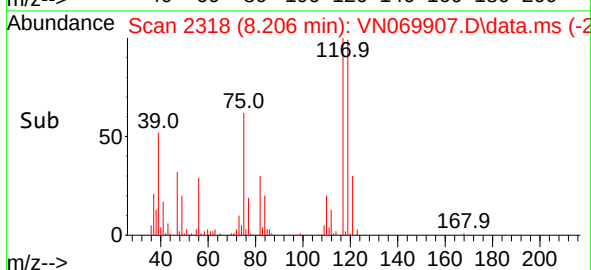
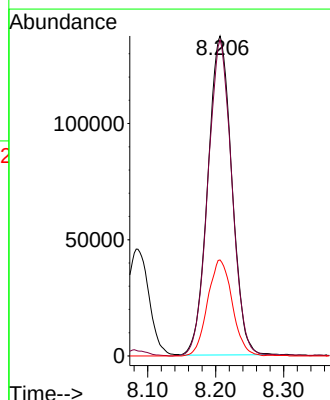
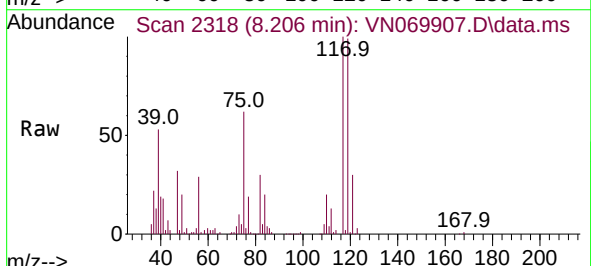
Tgt Ion:117 Resp: 337118

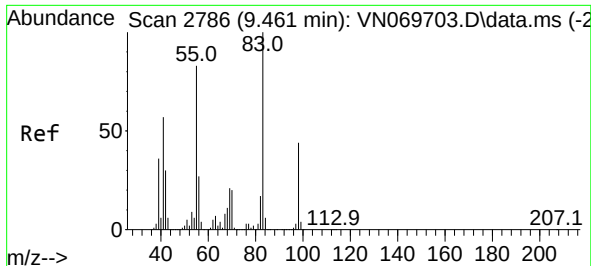
Ion Ratio Lower Upper

117 100

119 98.9 76.1 114.1

121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 20.104 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069907.D

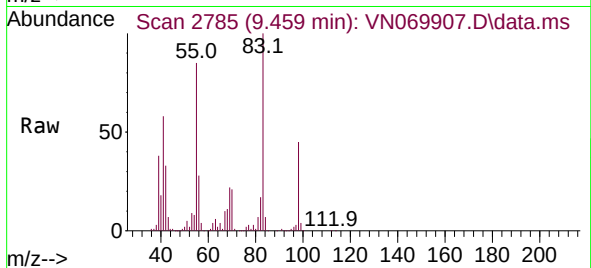
Acq: 9 Dec 2021 13:16

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01



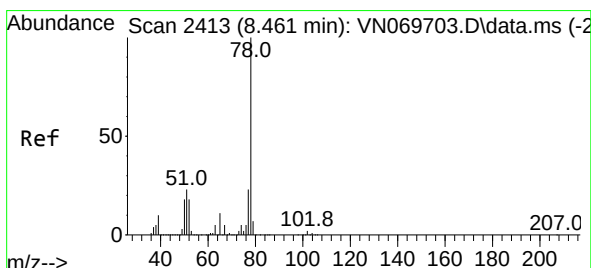
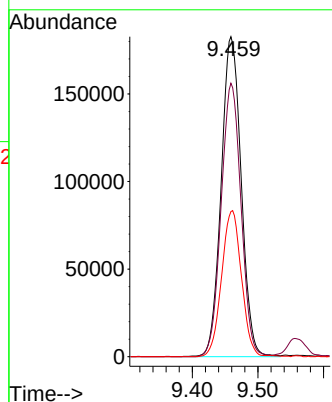
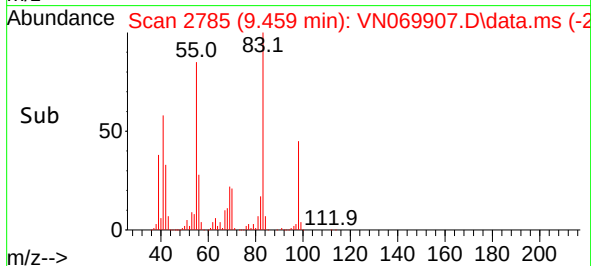
Tgt Ion: 83	Resp: 38725
Ion Ratio	Lower Upper
83	100
55	85.5 58.1 87.1
98	45.4 38.4 57.6

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Supervised By :Mahesh Dadoda 12/15/2021



#40

Benzene

Concen: 20.012 ug/l

RT: 8.458 min Scan# 2412

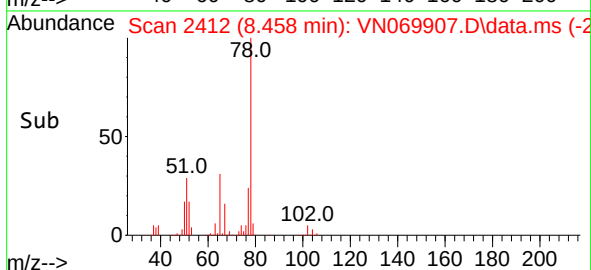
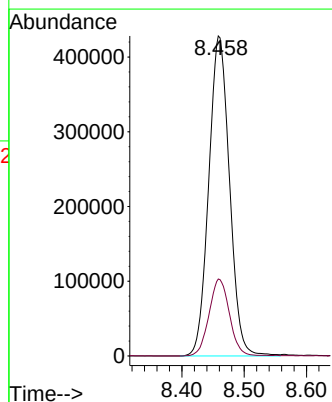
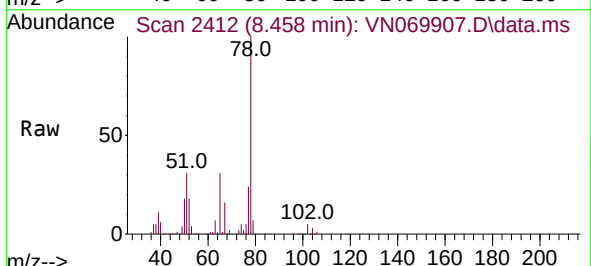
Delta R.T. -0.003 min

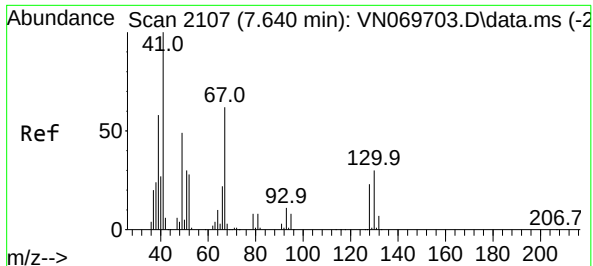
Lab File: VN069907.D

Acq: 9 Dec 2021 13:16

Tgt Ion: 78 Resp: 990566

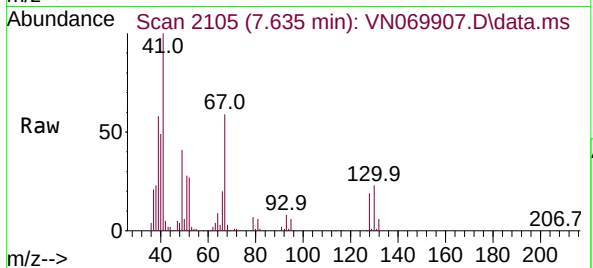
Ion Ratio	Lower Upper
78	100
77	24.1 18.6 27.8





#41
Methacrylonitrile
Concen: 18.807 ug/l
RT: 7.635 min Scan# 2107
Delta R.T. -0.005 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

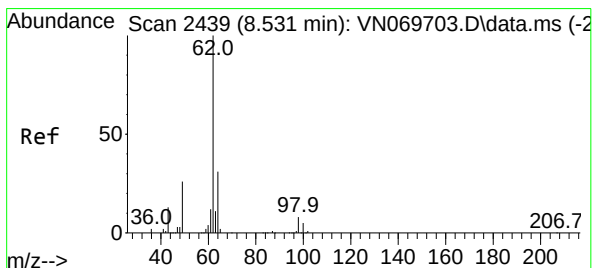
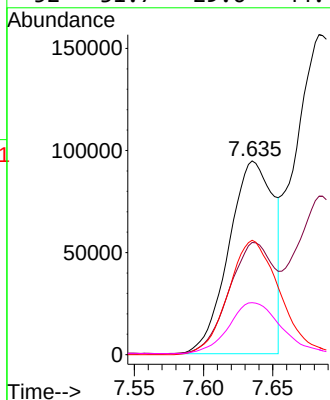
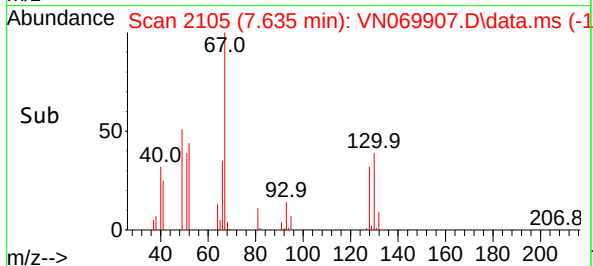
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 41 Resp: 212790
Ion Ratio Lower Upper
41 100
39 57.1 48.1 72.1
67 68.7 68.3 102.5
52 31.7 29.6 44.4

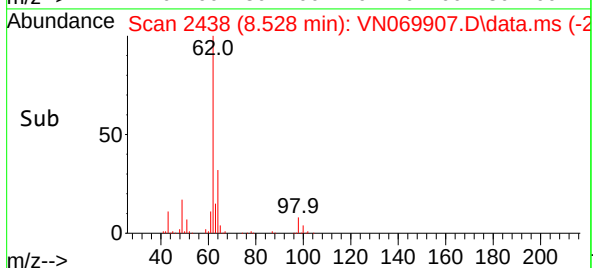
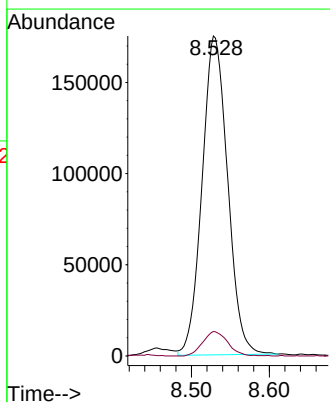
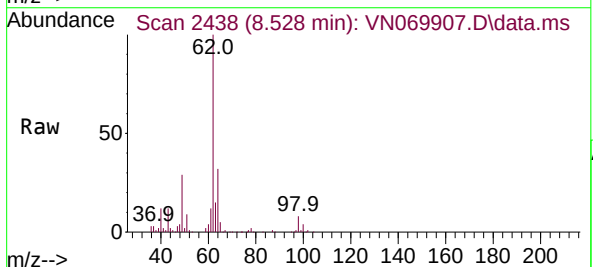
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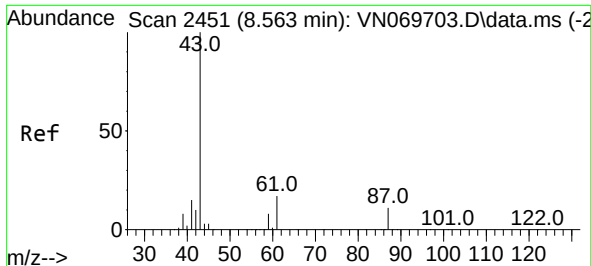
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#42
1,2-Dichloroethane
Concen: 19.948 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Tgt Ion: 62 Resp: 398594
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





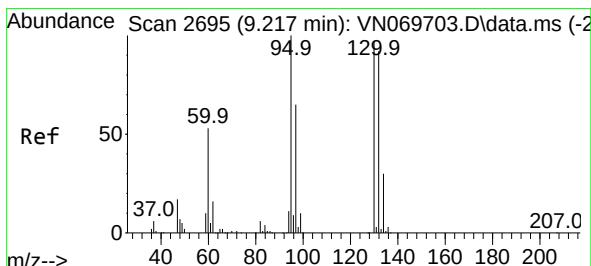
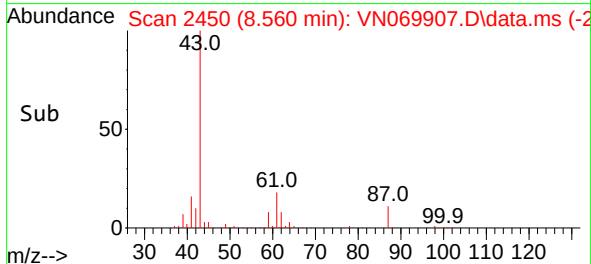
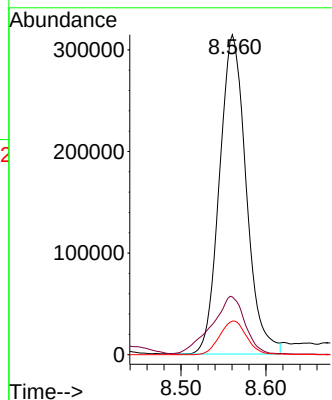
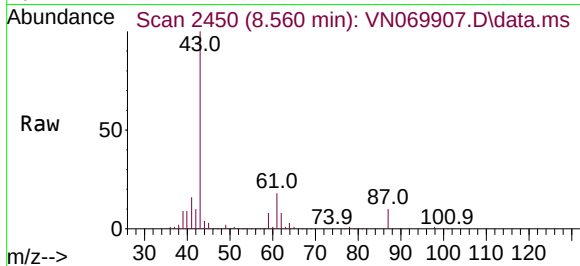
#43
Isopropyl Acetate
Concen: 19.236 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 43 Resp: 68610
Ion Ratio Lower Upper
43 100
61 22.4 20.4 30.6
87 10.7 11.2 16.8

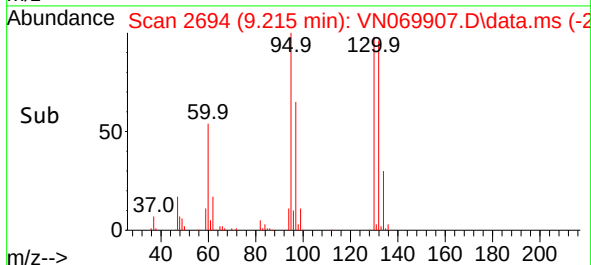
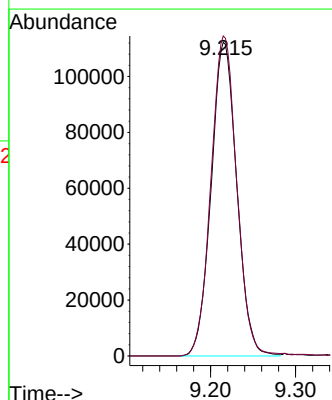
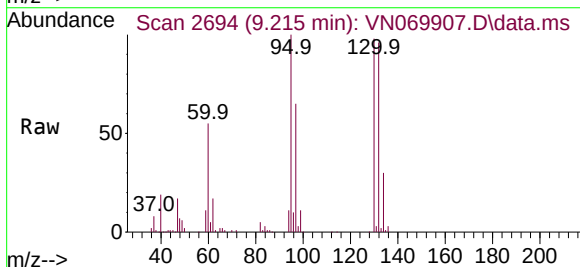
Manual Integrations
APPROVED

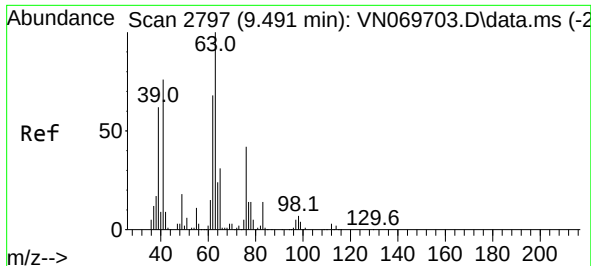
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#44
Trichloroethene
Concen: 19.891 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Tgt Ion:130 Resp: 234996
Ion Ratio Lower Upper
130 100
95 102.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.519 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069907.D

Acq: 9 Dec 2021 13:16

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 63 Resp: 272744

Ion Ratio Lower Upper

63 100

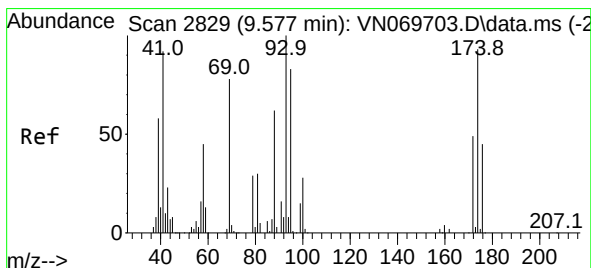
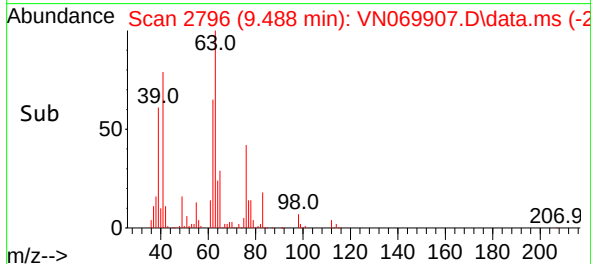
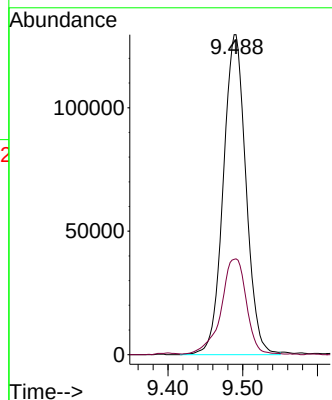
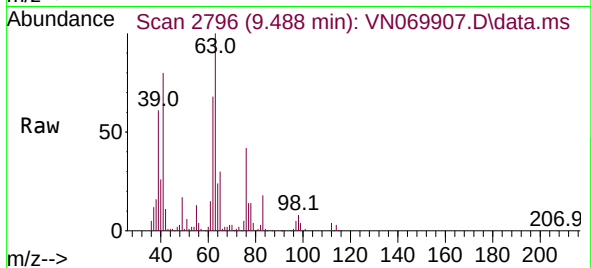
65 29.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#46

Dibromomethane

Concen: 19.952 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069907.D

Acq: 9 Dec 2021 13:16

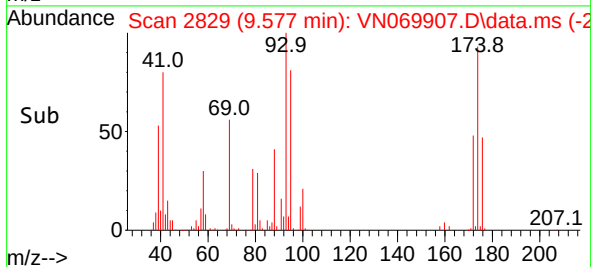
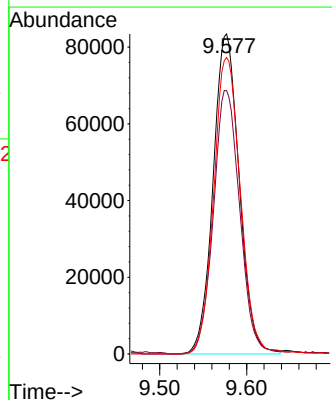
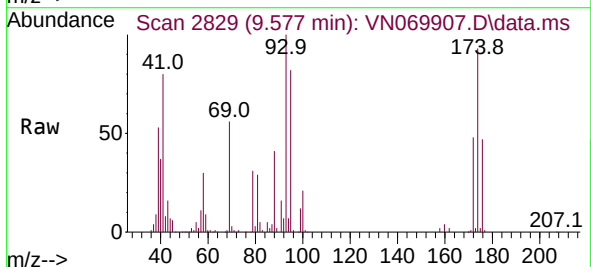
Tgt Ion: 93 Resp: 173930

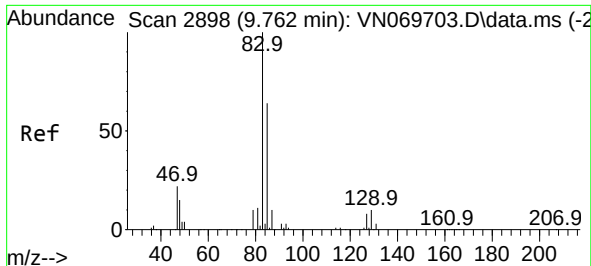
Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

174 94.6 84.6 127.0





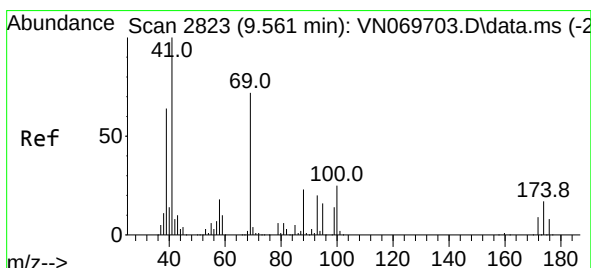
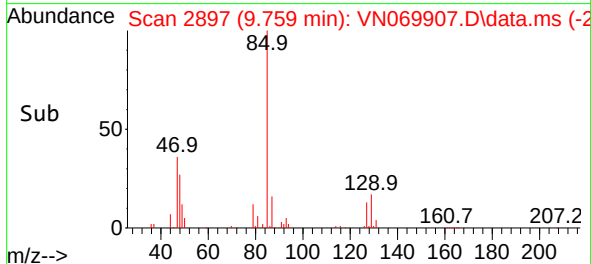
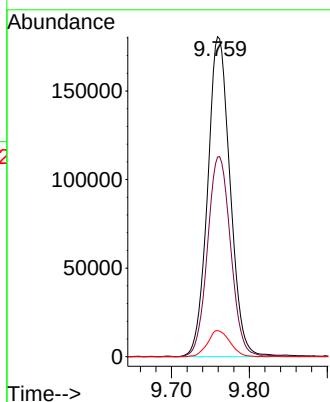
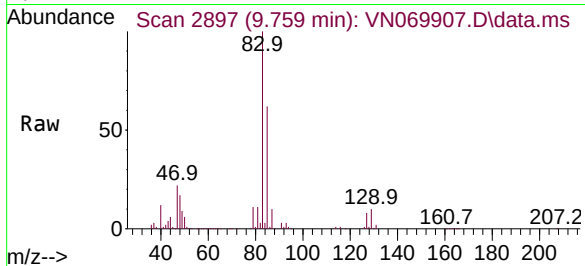
#47
Bromodichloromethane
Concen: 21.939 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 83 Resp: 36210
Ion Ratio Lower Upper
83 100
85 62.4 50.9 76.3
127 8.2 7.1 10.7

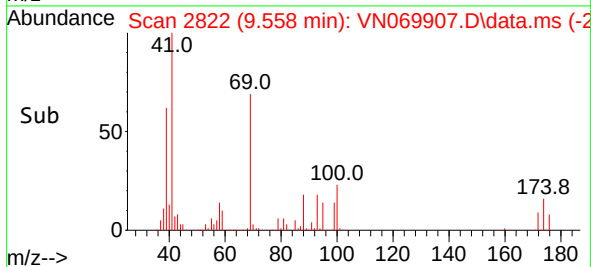
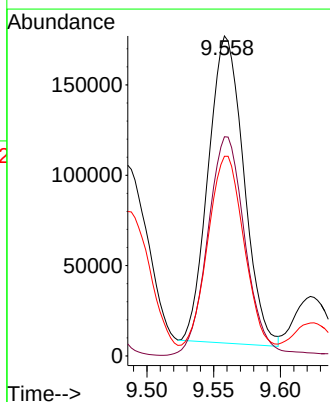
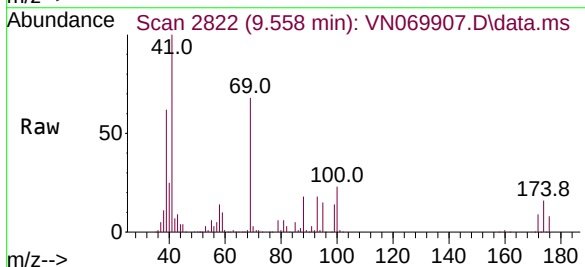
Manual Integrations
APPROVED

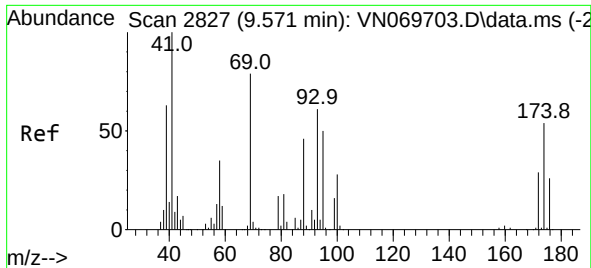
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#48
Methyl methacrylate
Concen: 18.826 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

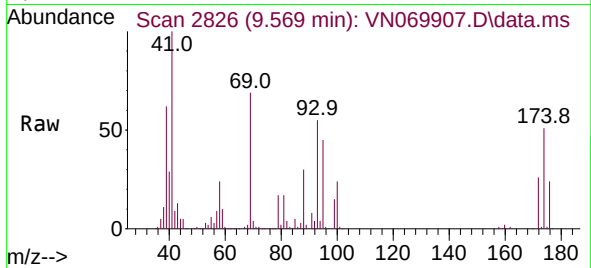
Tgt Ion: 41 Resp: 313371
Ion Ratio Lower Upper
41 100
69 75.7 72.4 108.6
39 62.9 58.4 87.6





#49
1,4-Dioxane
Concen: 298.517 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

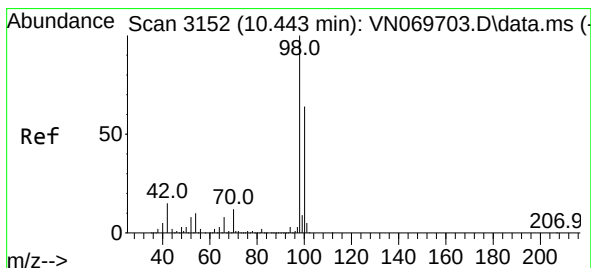
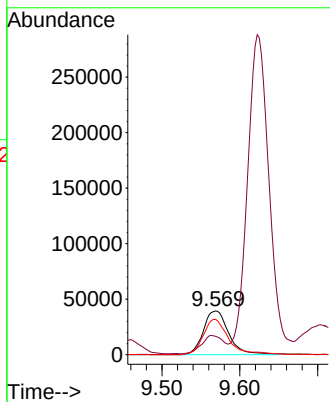
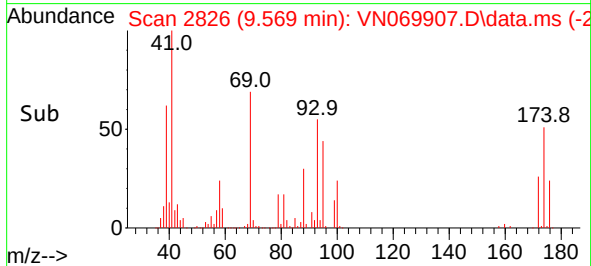
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 88 Resp: 89158
Ion Ratio Lower Upper
88 100
43 35.9 23.4 35.2
58 81.6 50.6 75.8

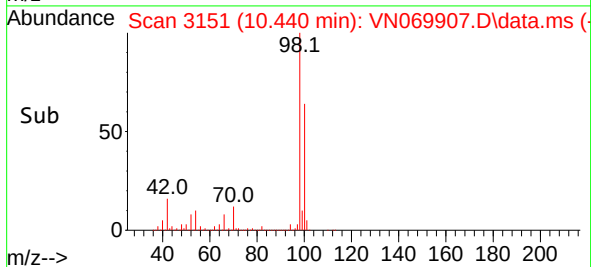
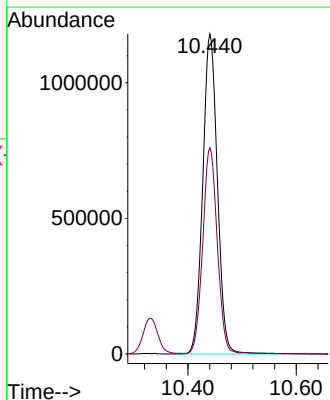
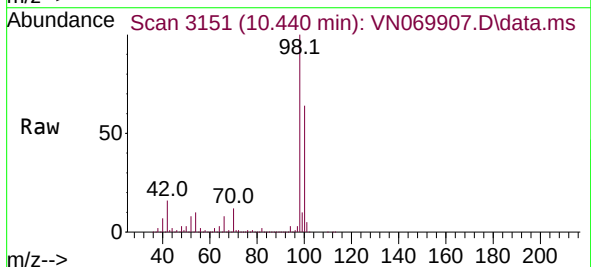
Manual Integrations
APPROVED

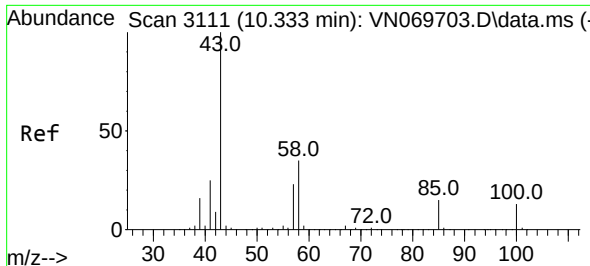
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#50
Toluene-d8
Concen: 51.810 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Tgt Ion: 98 Resp: 2216683
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6





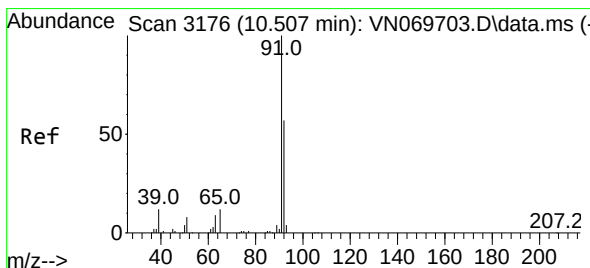
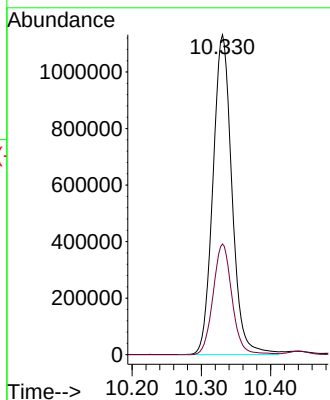
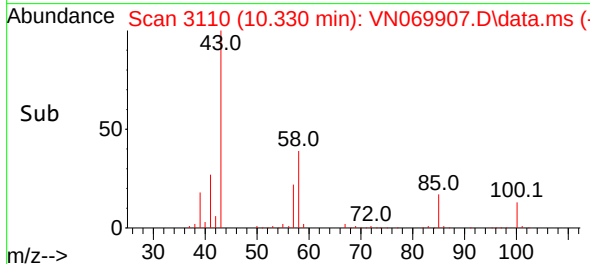
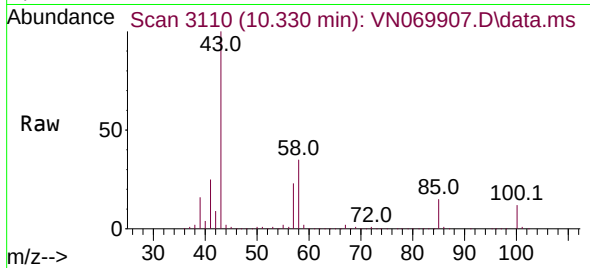
#51
4-Methyl-2-Pentanone
Concen: 93.227 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 43 Resp: 215715
Ion Ratio Lower Upper
43 100
58 34.6 30.4 45.6

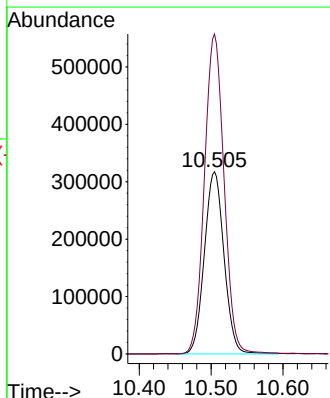
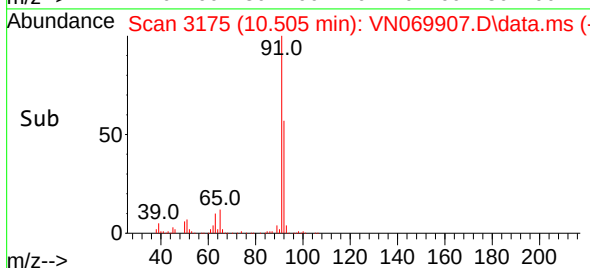
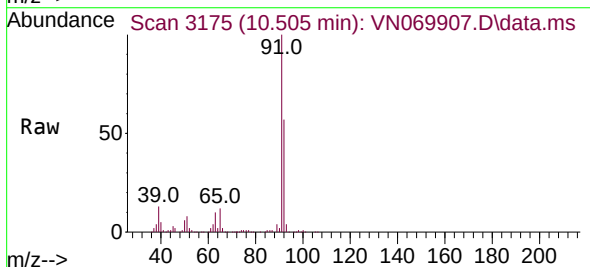
Manual Integrations
APPROVED

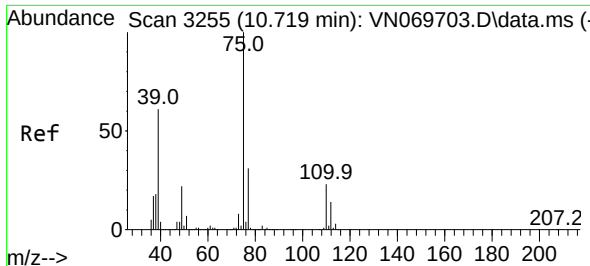
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#52
Toluene
Concen: 19.948 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

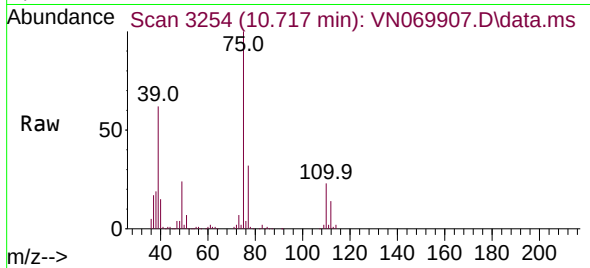
Tgt Ion: 92 Resp: 602830
Ion Ratio Lower Upper
92 100
91 175.3 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 20.434 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

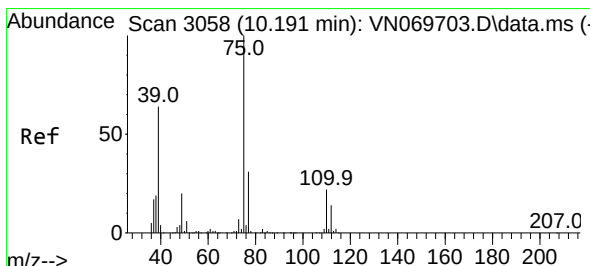
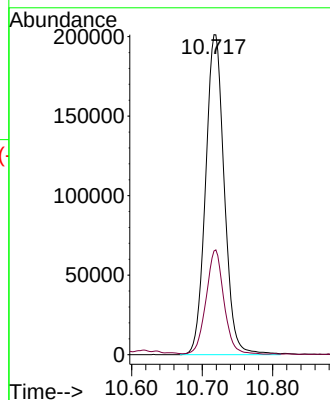
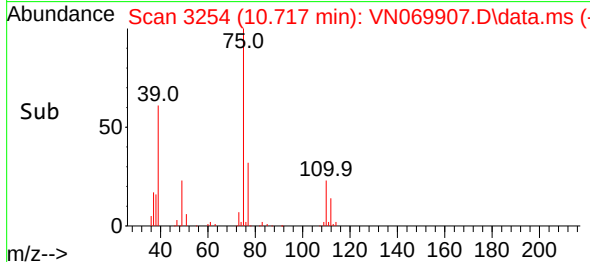
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



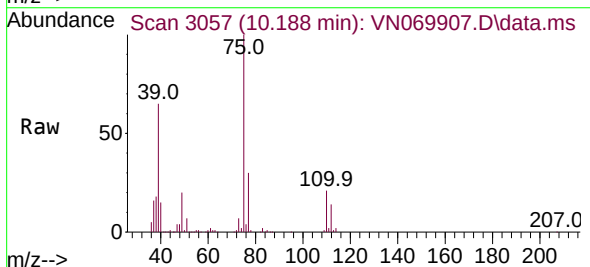
Tgt Ion: 75 Resp: 370950
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4

Manual Integrations
APPROVED

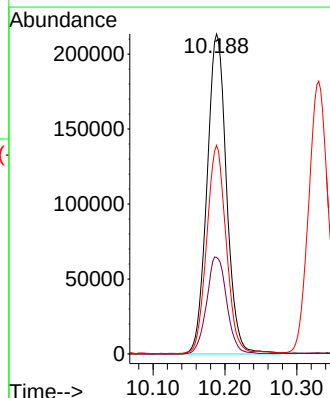
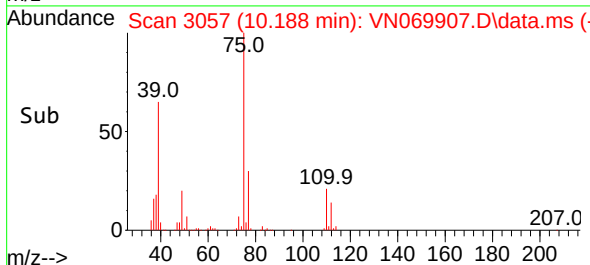
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

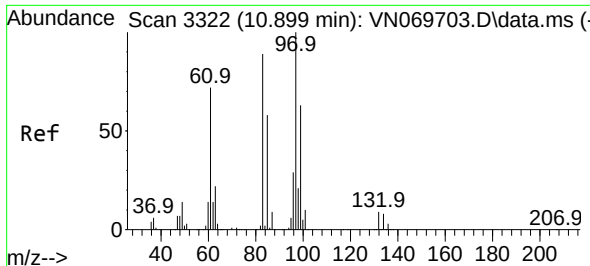


#54
cis-1,3-Dichloropropene
Concen: 20.620 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16



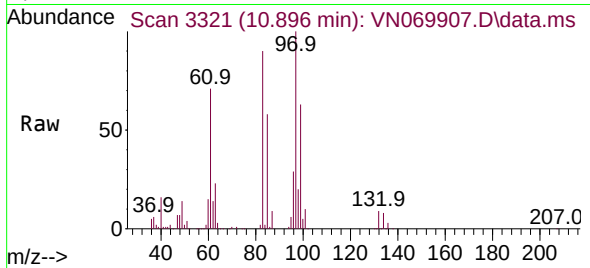
Tgt Ion: 75 Resp: 404166
Ion Ratio Lower Upper
75 100
77 30.2 26.4 39.6
39 65.0 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 19.581 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

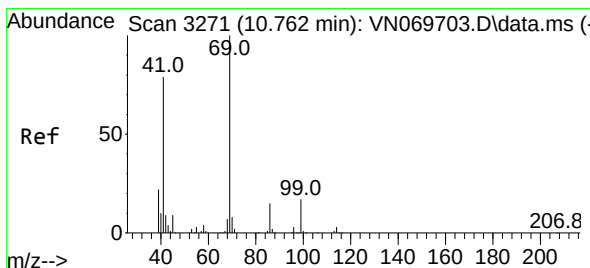
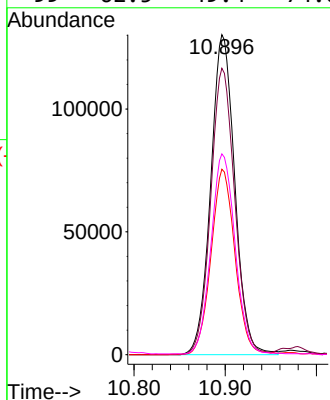
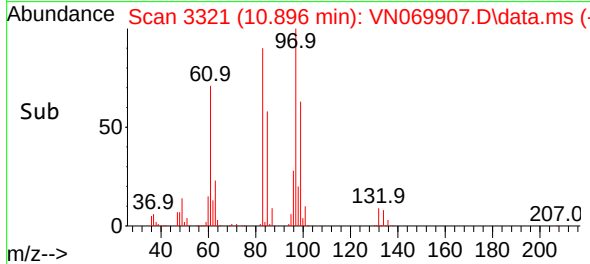


Tgt Ion: 97 Resp: 23875

Ion	Ratio	Lower	Upper
97	100		
83	89.5	67.8	101.6
85	57.8	45.4	68.2
99	62.5	49.4	74.0

Manual Integrations
APPROVED

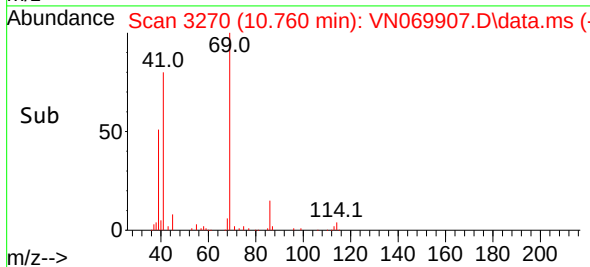
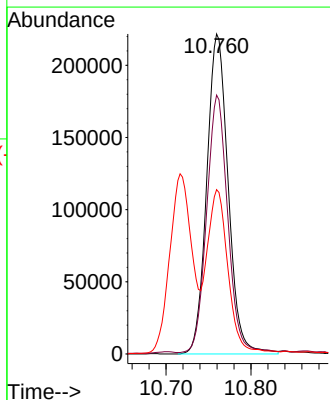
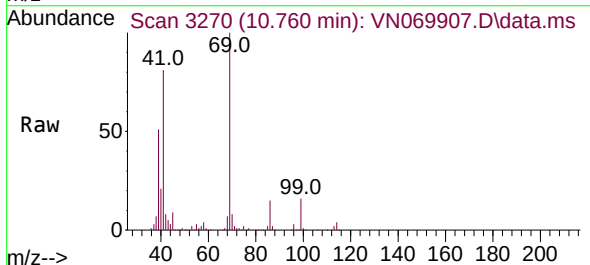
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

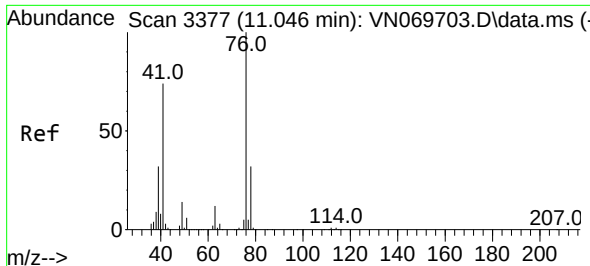


#56
Ethyl methacrylate
Concen: 18.402 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Tgt Ion: 69 Resp: 388656

Ion	Ratio	Lower	Upper
69	100		
41	79.0	51.4	77.0#
39	48.9	34.6	52.0





#57

1,3-Dichloropropane

Concen: 19.981 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069907.D

Acq: 9 Dec 2021 13:16

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 76 Resp: 42898

Ion Ratio Lower Upper

76 100

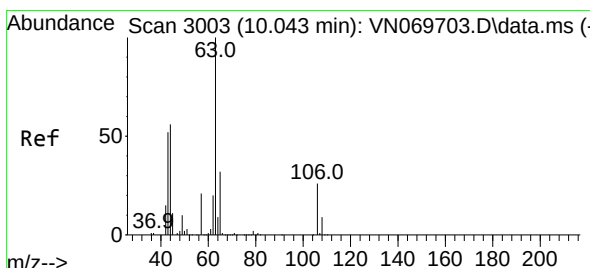
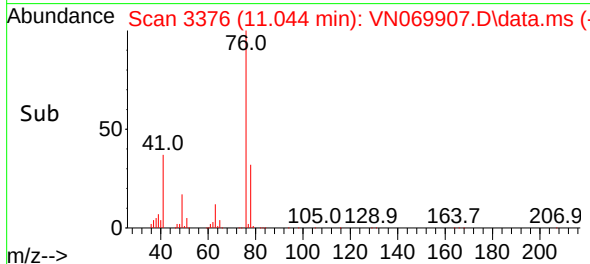
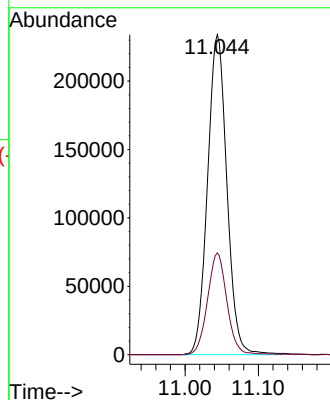
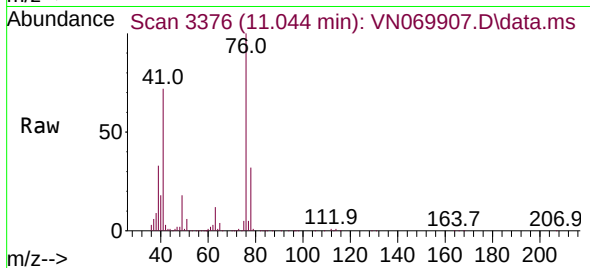
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 79.720 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069907.D

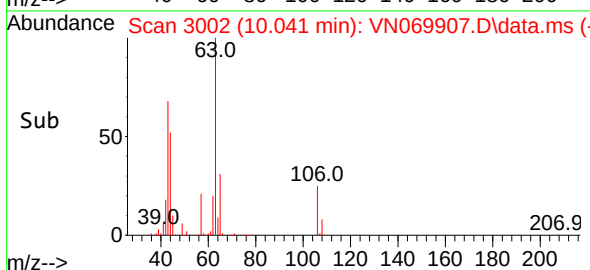
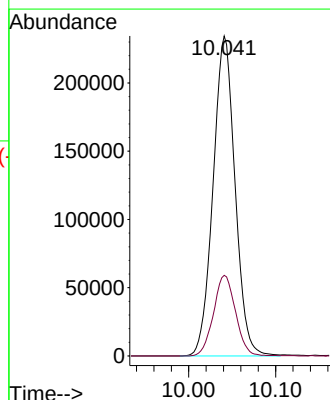
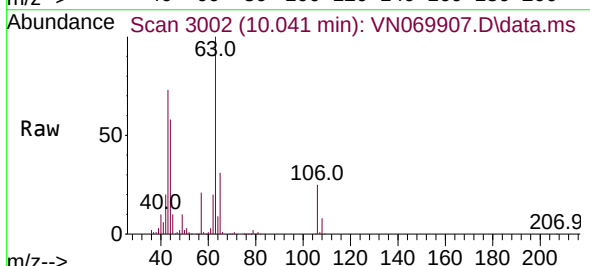
Acq: 9 Dec 2021 13:16

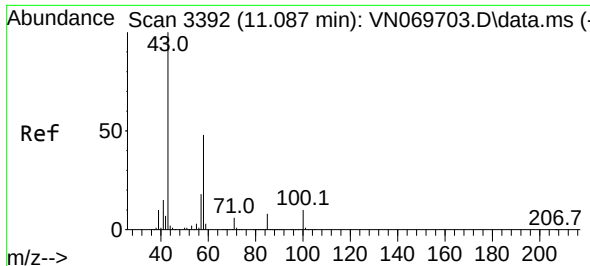
Tgt Ion: 63 Resp: 411288

Ion Ratio Lower Upper

63 100

106 25.2 23.9 35.9





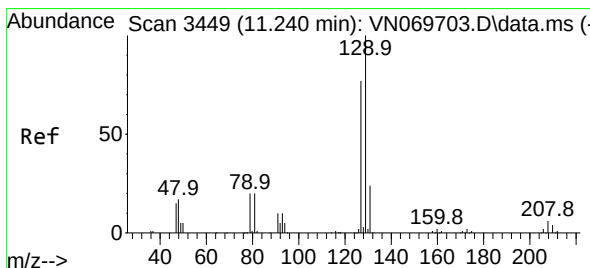
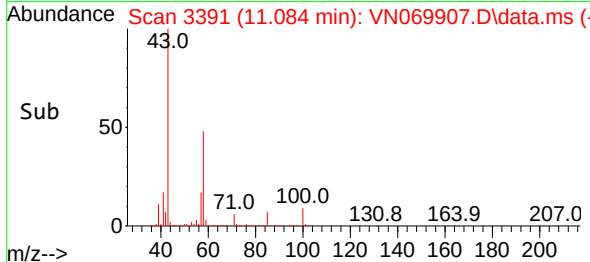
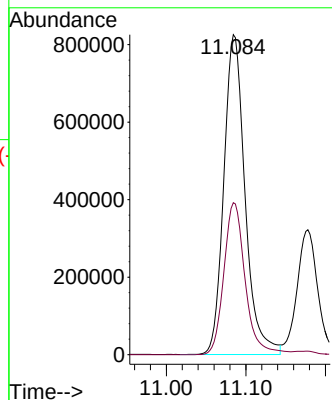
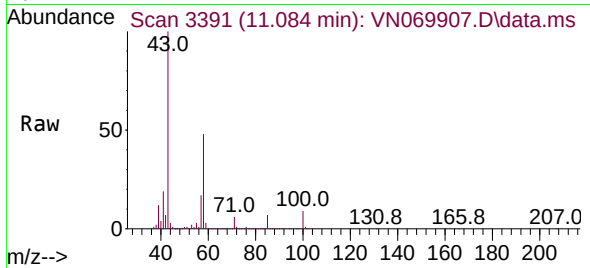
#59
2-Hexanone
Concen: 87.560 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 43 Resp: 153262
Ion Ratio Lower Upper
43 100
58 47.7 26.9 80.7

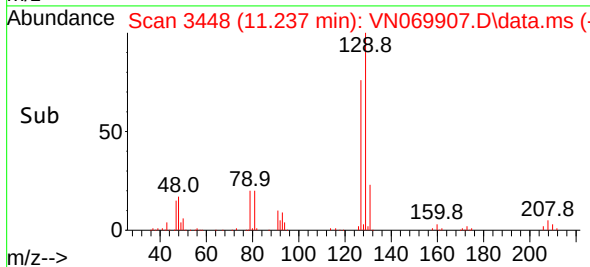
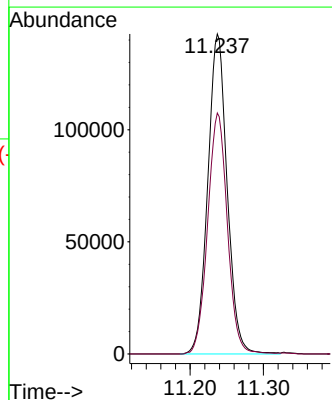
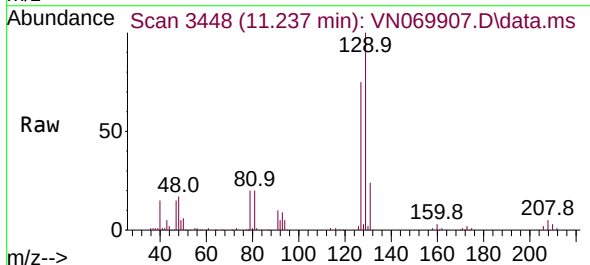
Manual Integrations
APPROVED

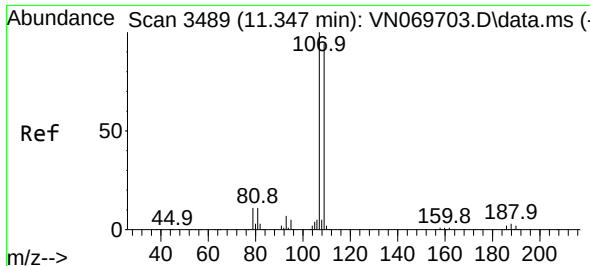
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#60
Dibromochloromethane
Concen: 21.494 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

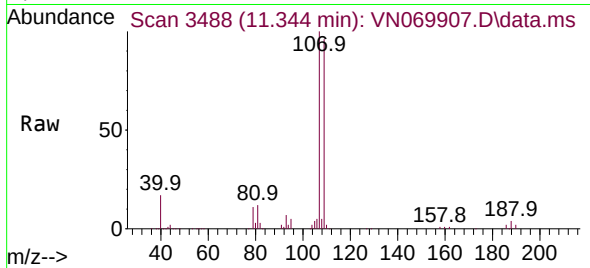
Tgt Ion:129 Resp: 262225
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.607 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

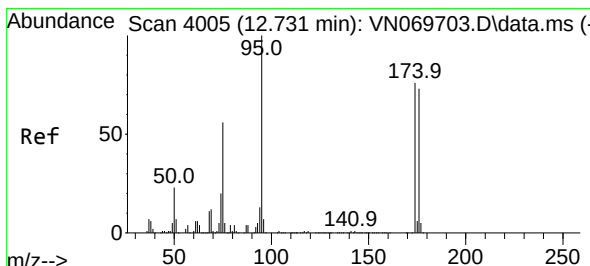
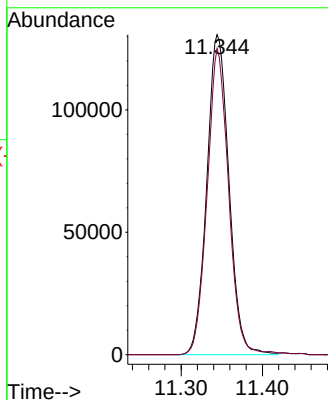
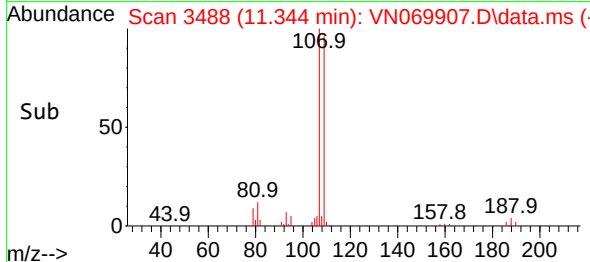
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion:107 Resp: 24762
Ion Ratio Lower Upper
107 100
109 91.8 75.7 113.5

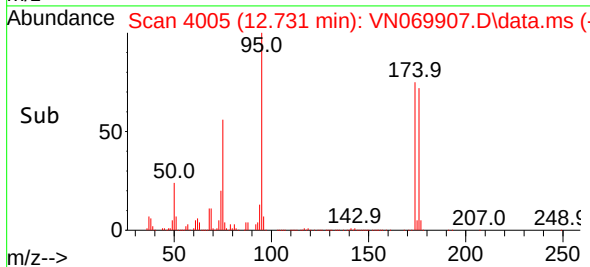
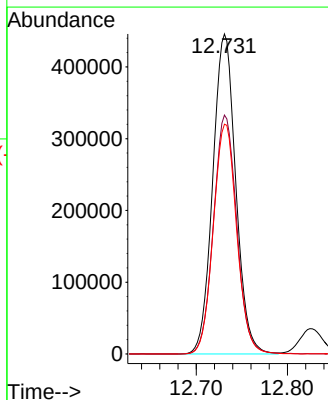
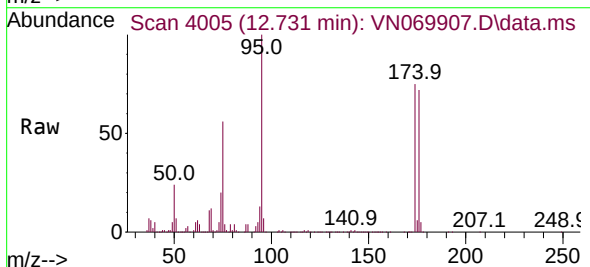
Manual Integrations
APPROVED

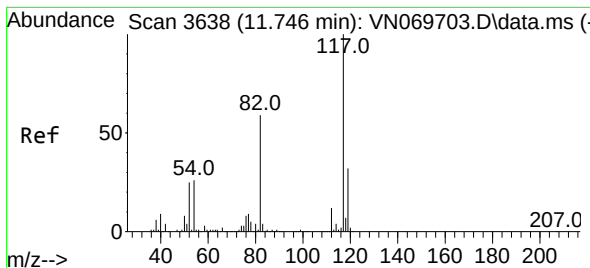
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#62
4-Bromofluorobenzene
Concen: 50.426 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Tgt Ion: 95 Resp: 781597
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 73.1 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.002 min

Lab File: VN069907.D

Acq: 9 Dec 2021 13:16

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion:117 Resp: 155738

Ion Ratio Lower Upper

117 100

82 60.2 42.4 63.6

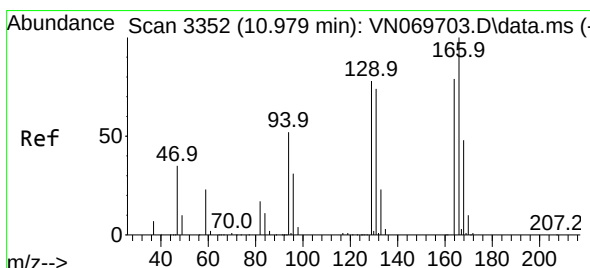
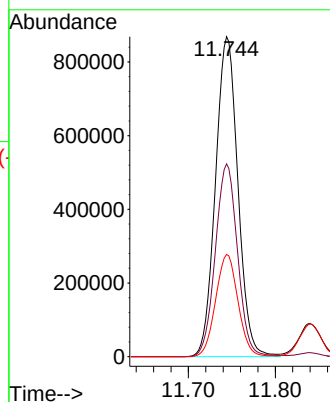
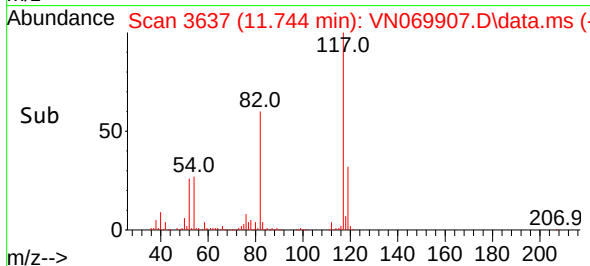
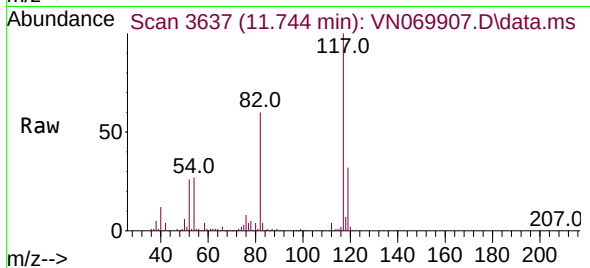
119 32.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#64

Tetrachloroethene

Concen: 19.676 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN069907.D

Acq: 9 Dec 2021 13:16

Tgt Ion:164 Resp: 207777

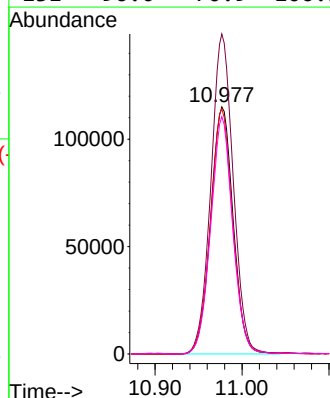
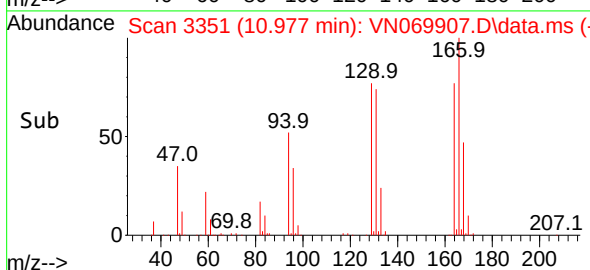
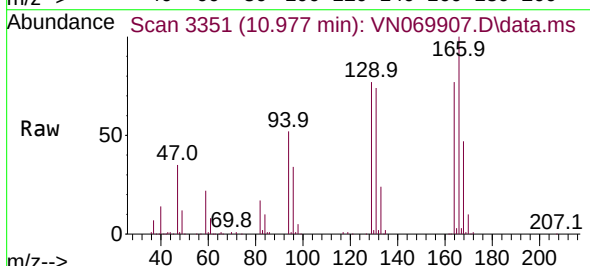
Ion Ratio Lower Upper

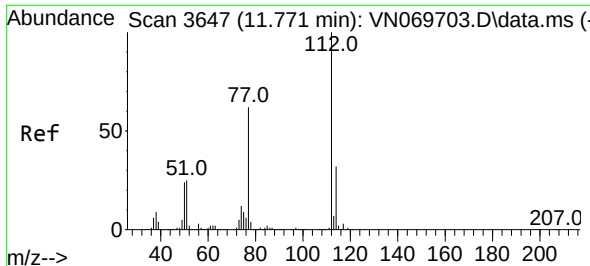
164 100

166 129.5 101.9 152.9

129 99.2 72.0 108.0

131 96.0 70.9 106.3





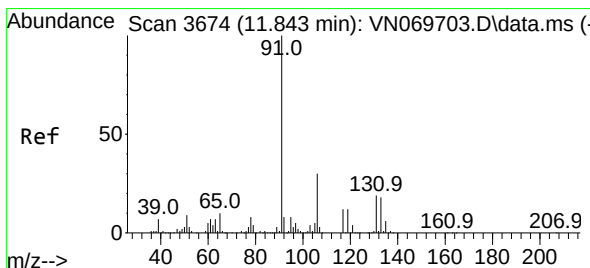
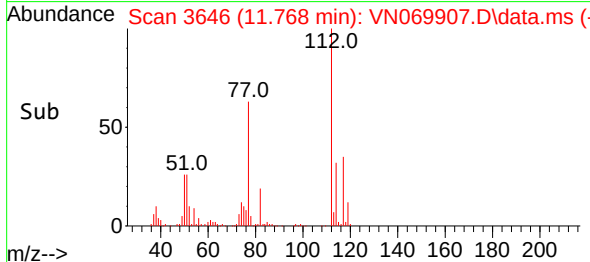
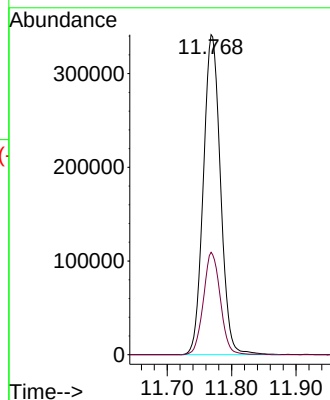
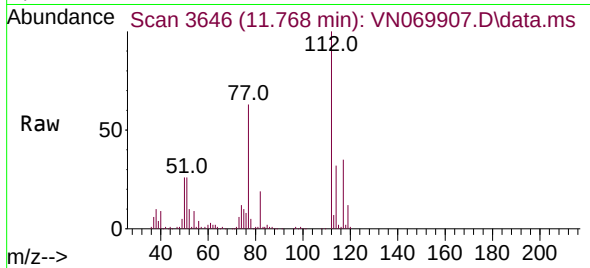
#65
Chlorobenzene
Concen: 19.976 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion:112 Resp: 631120
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

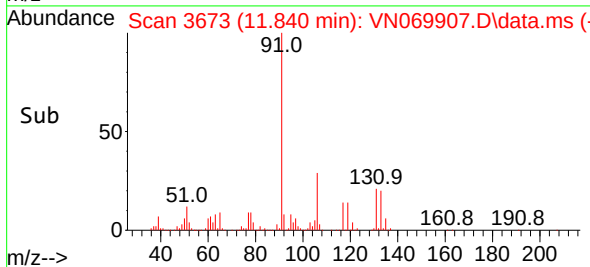
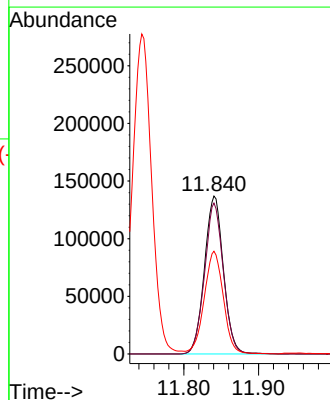
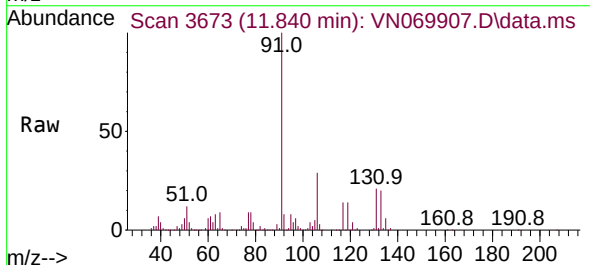
Manual Integrations
APPROVED

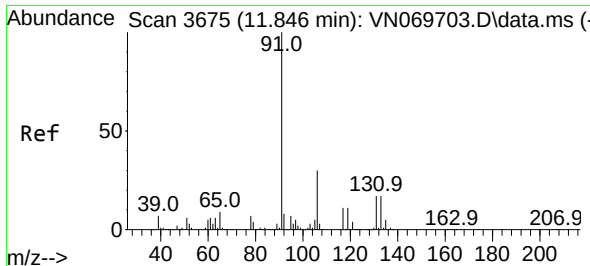
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 21.725 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

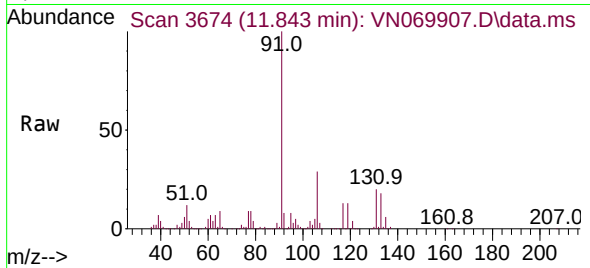
Tgt Ion:131 Resp: 241589
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.7
119 65.8 32.1 96.5





#67
Ethyl Benzene
Concen: 20.324 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

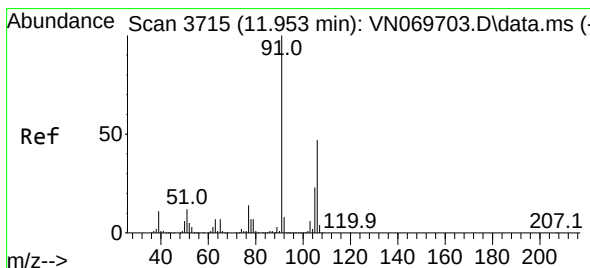
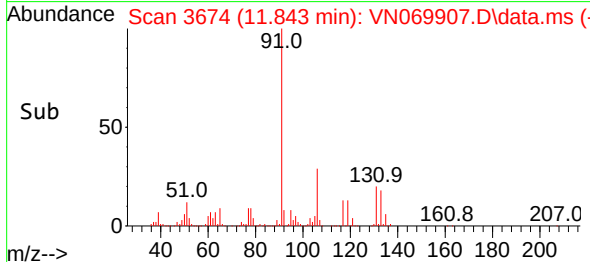
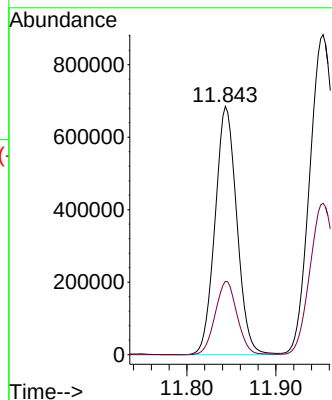
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 91 Resp: 1166394
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5

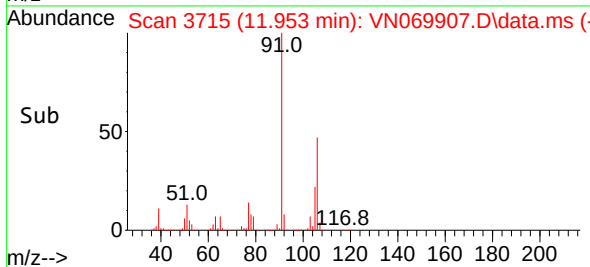
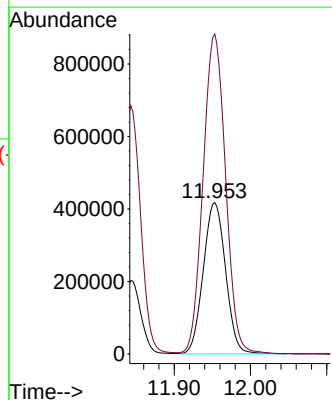
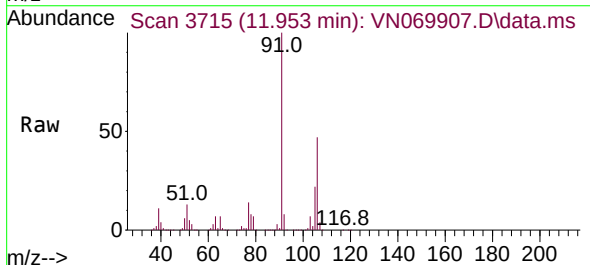
Manual Integrations
APPROVED

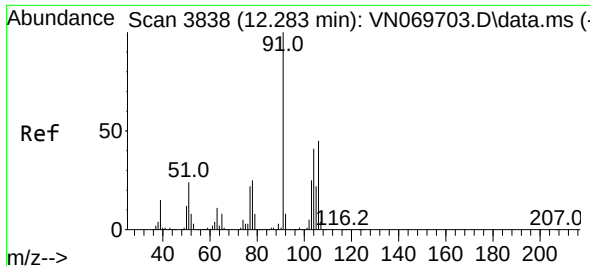
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#68
m/p-Xylenes
Concen: 40.514 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Tgt Ion:106 Resp: 846601
Ion Ratio Lower Upper
106 100
91 213.2 160.6 240.8





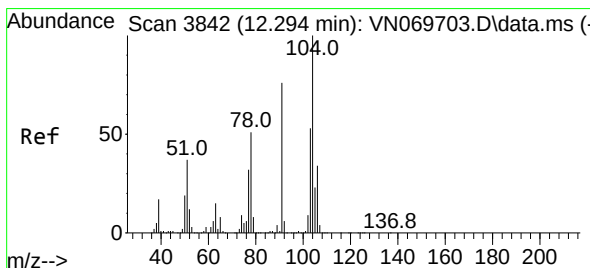
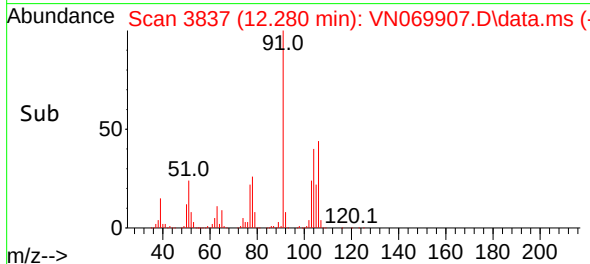
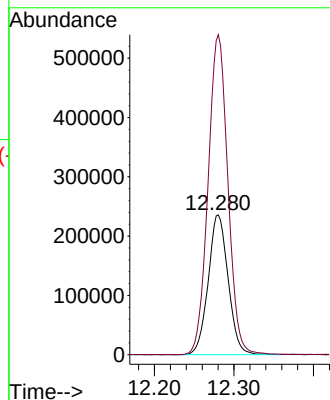
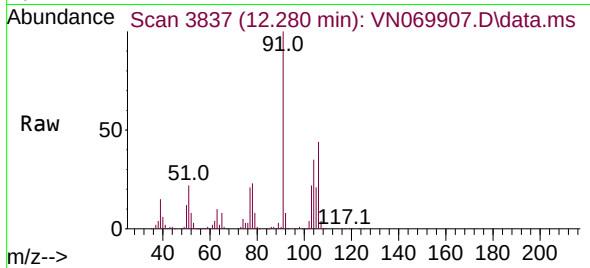
#69
o-Xylene
Concen: 19.520 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion:106 Resp: 41086
Ion Ratio Lower Upper
106 100
91 227.2 105.8 317.3

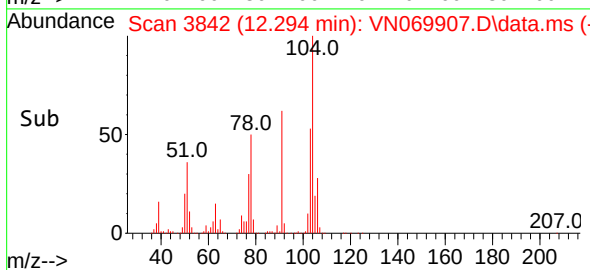
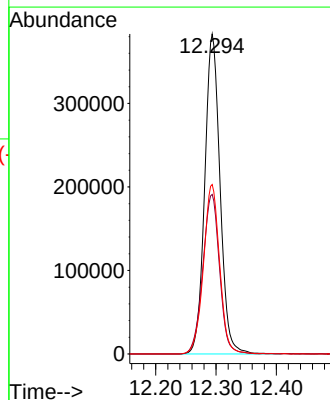
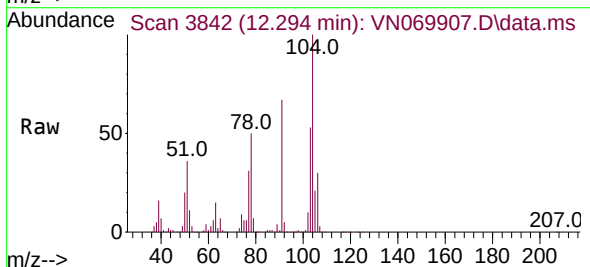
Manual Integrations
APPROVED

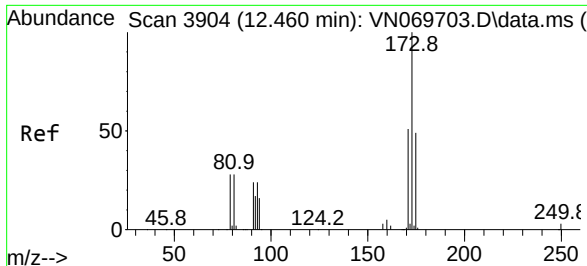
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#70
Styrene
Concen: 20.259 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

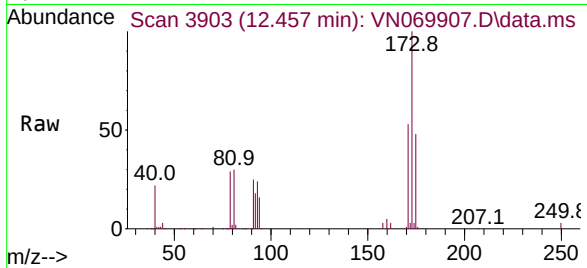
Tgt Ion:104 Resp: 676187
Ion Ratio Lower Upper
104 100
78 54.5 38.7 58.1
103 56.0 45.0 67.6





#71
Bromoform
Concen: 21.668 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

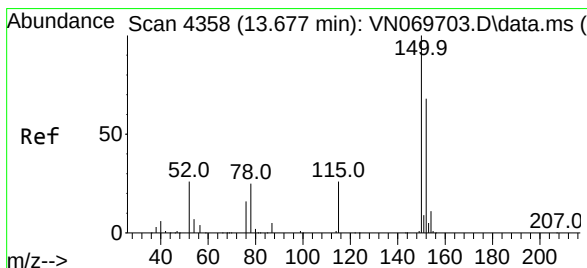
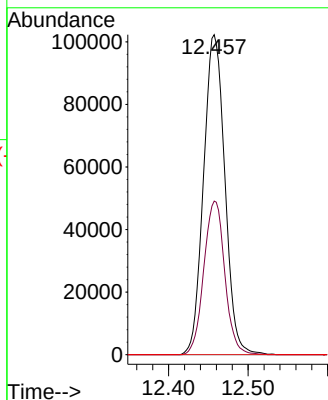
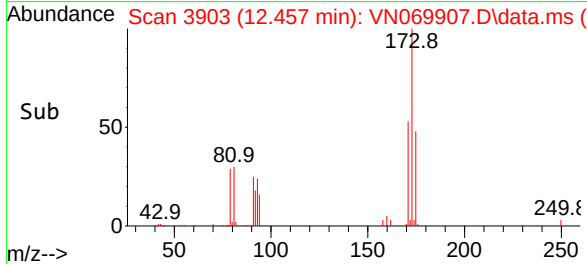
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



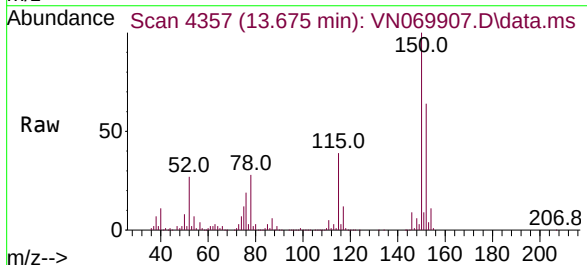
Tgt Ion:173 Resp: 19052
Ion Ratio Lower Upper
173 100
175 47.2 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

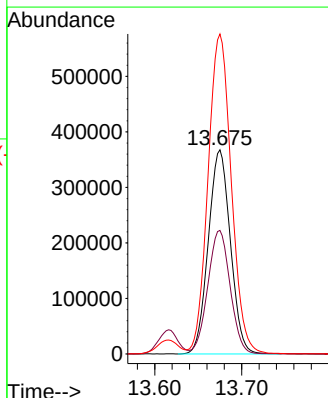
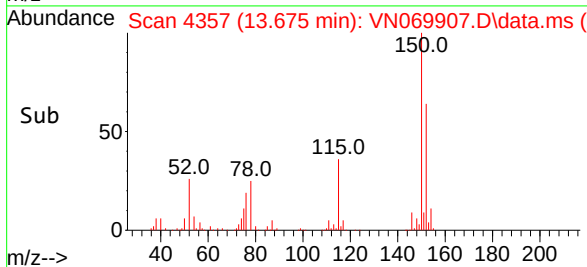
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

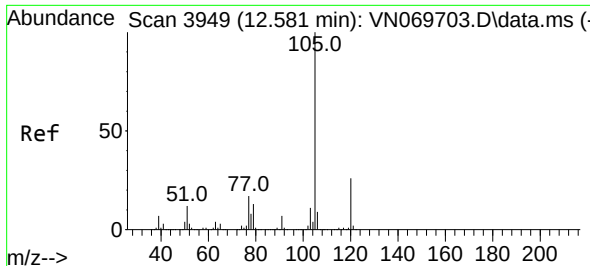


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16



Tgt Ion:152 Resp: 649141
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 165.1 0.0 344.4





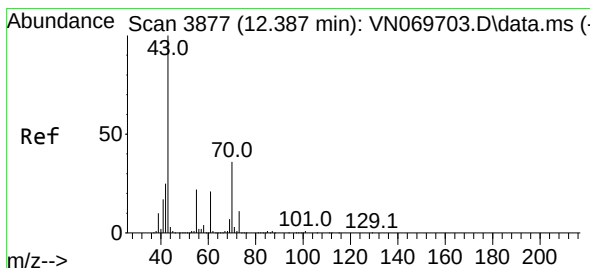
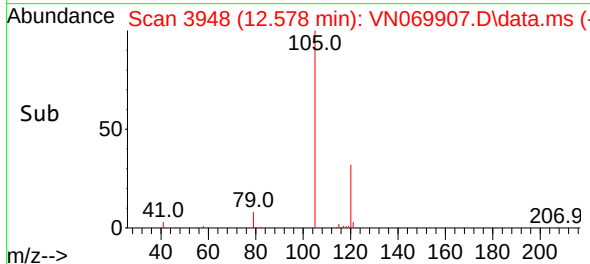
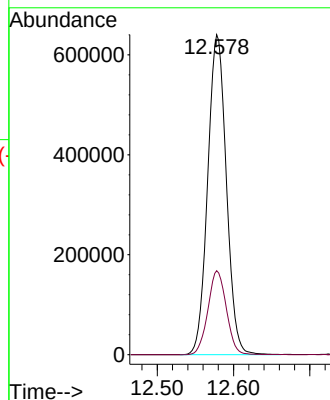
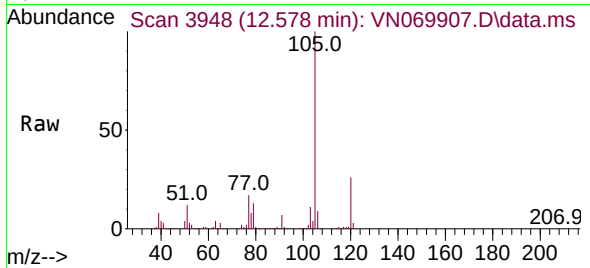
#73
Isopropylbenzene
Concen: 18.805 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion:105 Resp: 108609
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

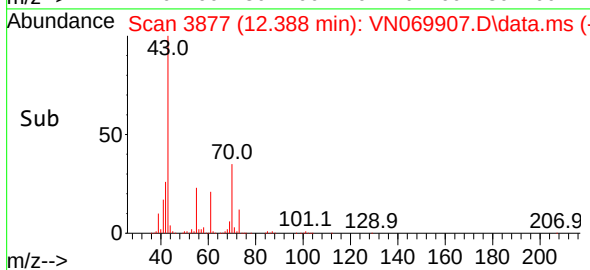
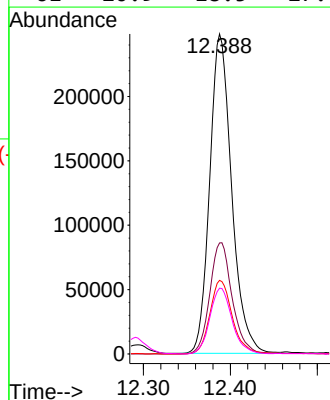
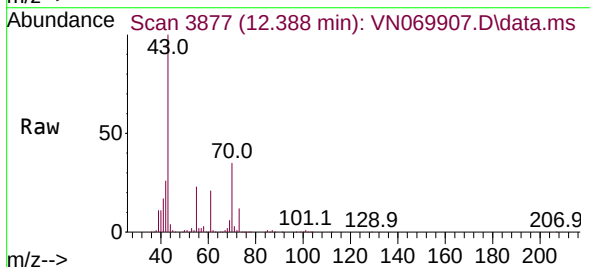
Manual Integrations
APPROVED

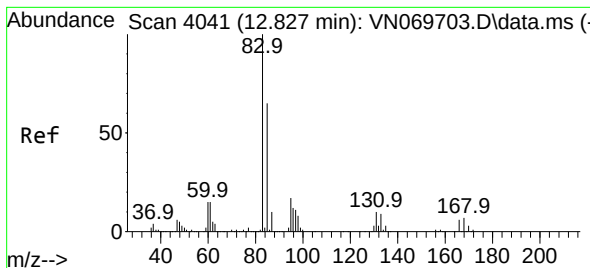
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#74
N-ethyl acetate
Concen: 17.031 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

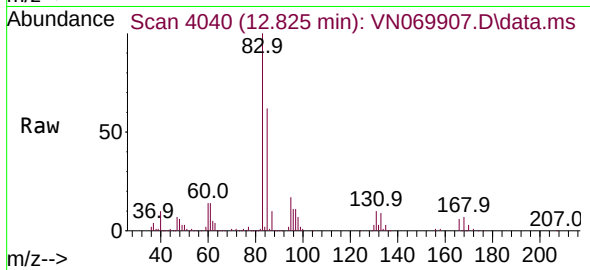
Tgt Ion: 43 Resp: 435002
Ion Ratio Lower Upper
43 100
70 35.6 33.4 50.0
55 23.6 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 18.783 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

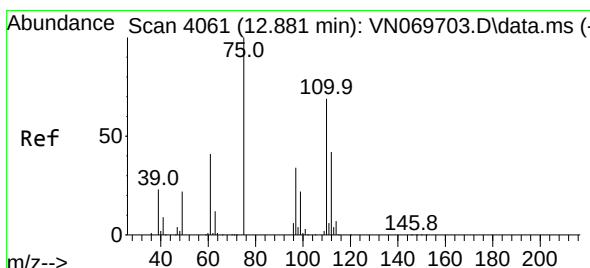
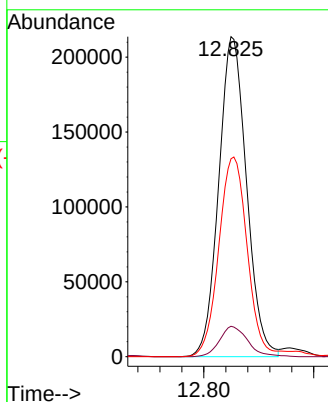
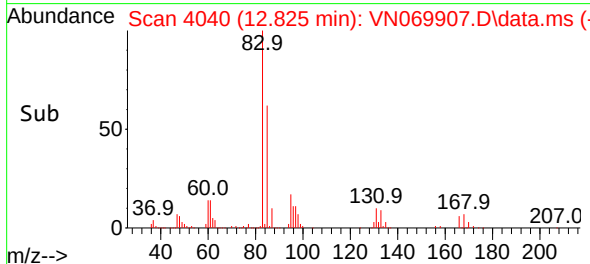
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



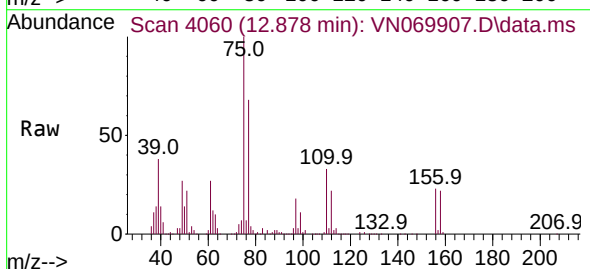
Tgt Ion: 83 Resp: 375120
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.5
85 64.1 32.4 97.2

Manual Integrations
APPROVED

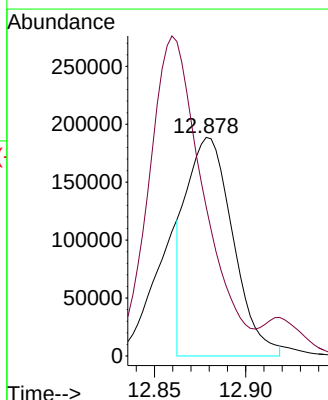
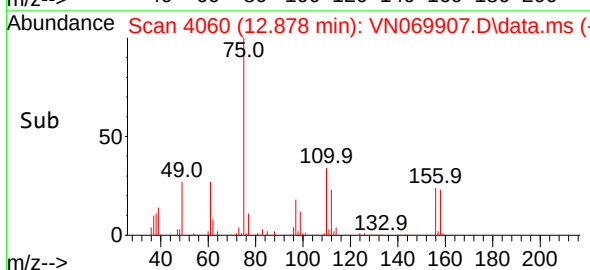
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

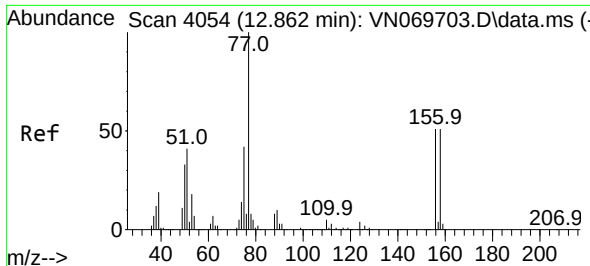


#76
1,2,3-Trichloropropane
Concen: 17.985 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16



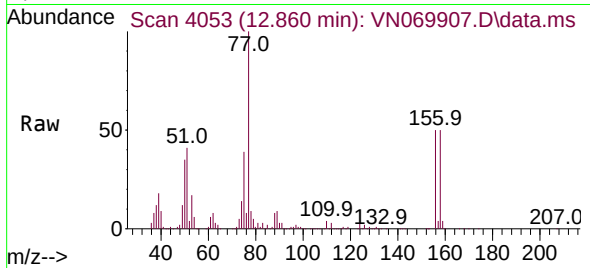
Tgt Ion: 75 Resp: 334814
Ion Ratio Lower Upper
75 100
77 172.1 82.6 247.8





#77
Bromobenzene
Concen: 18.562 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

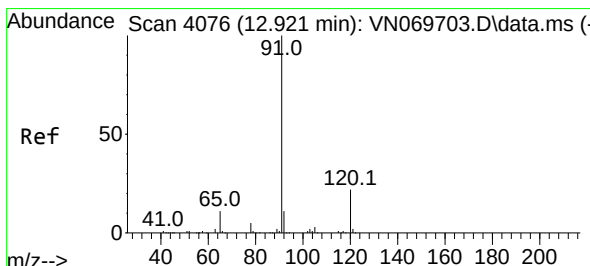
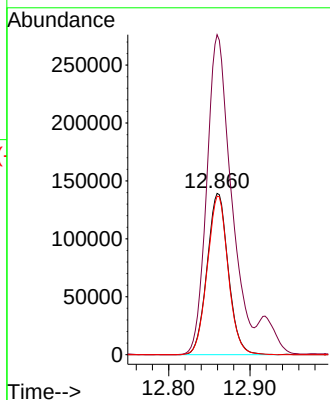
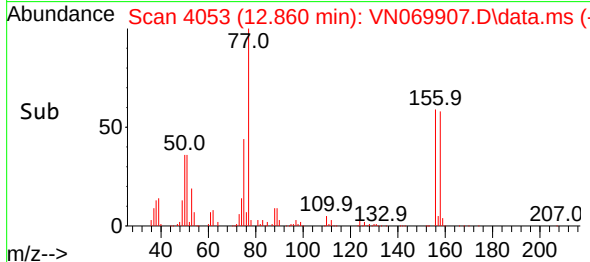
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion:156 Resp: 251814
Ion Ratio Lower Upper
156 100
77 228.8 90.6 271.8
158 97.3 48.9 146.7

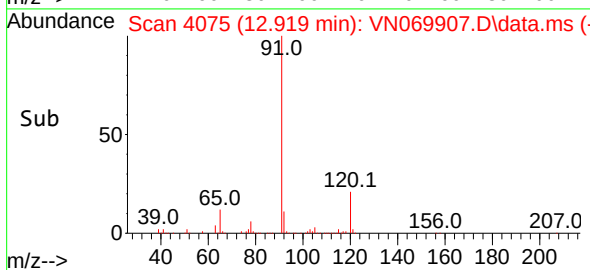
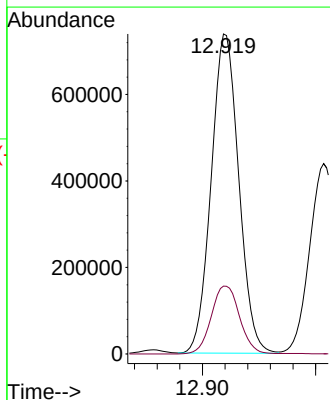
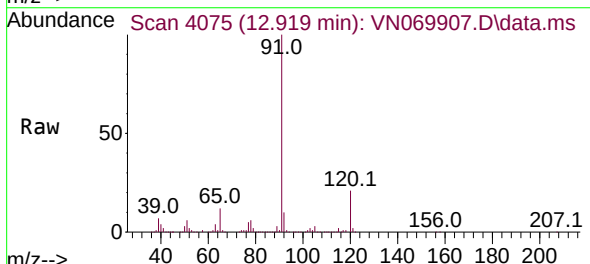
Manual Integrations
APPROVED

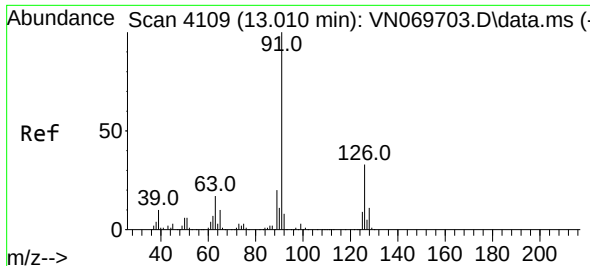
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#78
n-propylbenzene
Concen: 19.391 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Tgt Ion: 91 Resp: 1246225
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





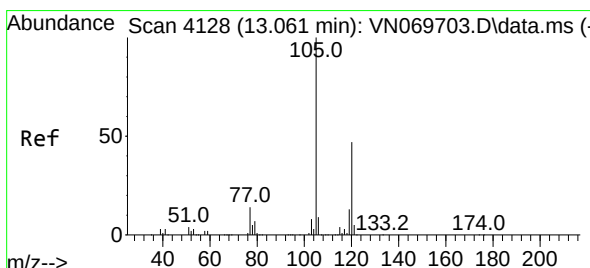
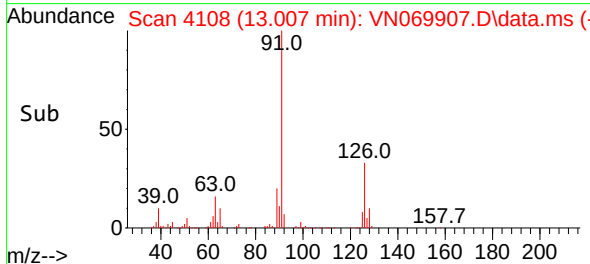
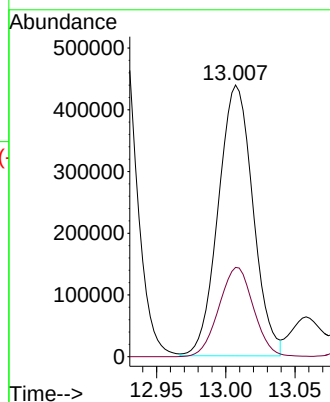
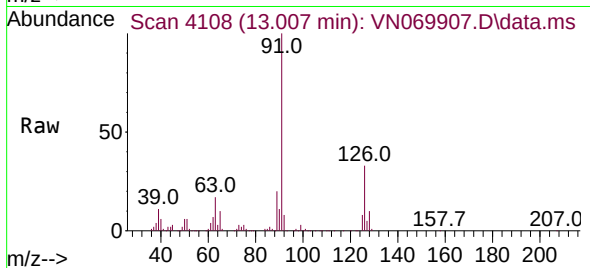
#79
2-Chlorotoluene
Concen: 18.848 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 91 Resp: 765419
Ion Ratio Lower Upper
91 100
126 32.9 18.3 54.8

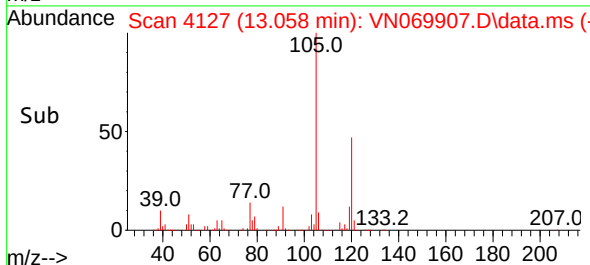
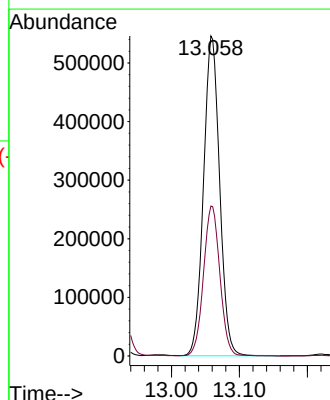
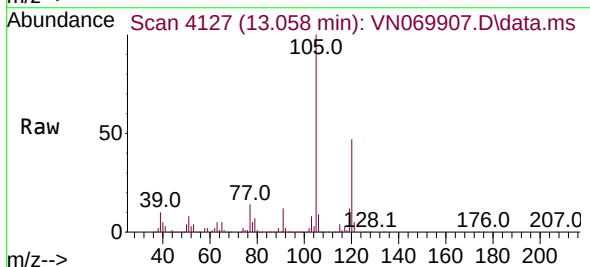
Manual Integrations
APPROVED

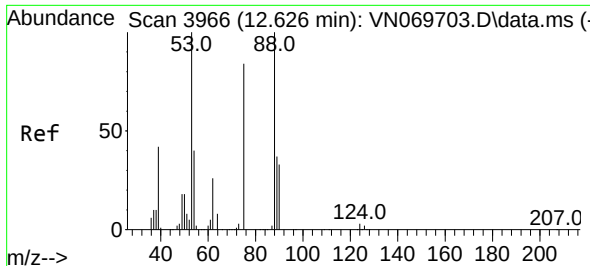
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.321 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

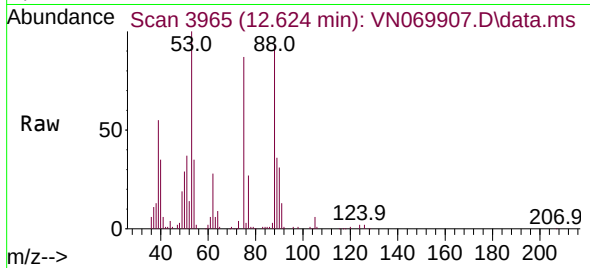
Tgt Ion:105 Resp: 898163
Ion Ratio Lower Upper
105 100
120 47.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.703 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

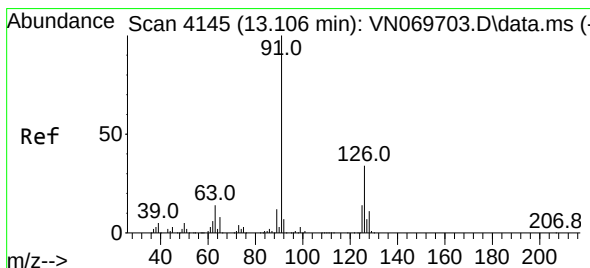
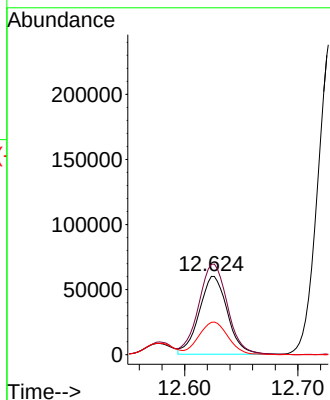
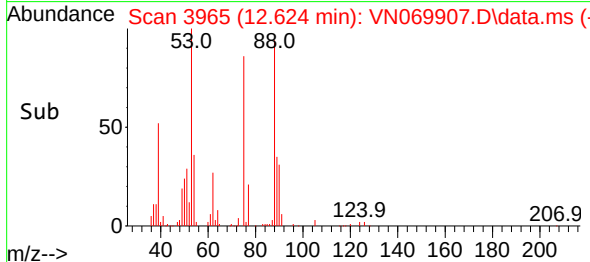
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 75 Resp: 103028
Ion Ratio Lower Upper
75 100
53 121.0 90.5 135.7
89 43.7 38.2 57.4

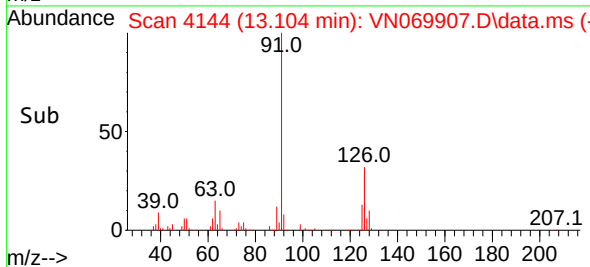
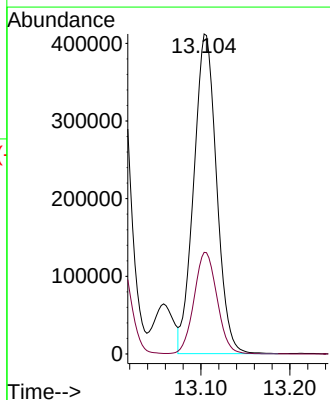
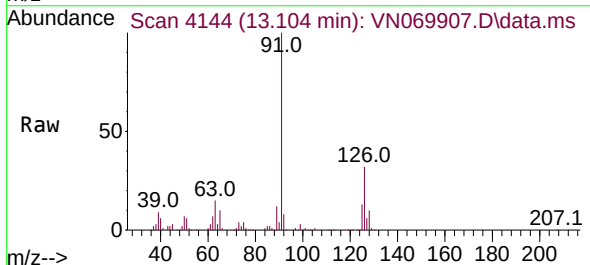
Manual Integrations
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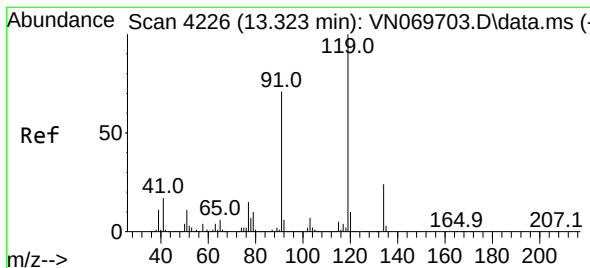
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#82
4-Chlorotoluene
Concen: 19.183 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

Tgt Ion: 91 Resp: 732619
Ion Ratio Lower Upper
91 100
126 32.0 18.2 54.6





#83

tert-Butylbenzene

Concen: 18.650 ug/l

RT: 13.324 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN069907.D

Acq: 9 Dec 2021 13:16

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion:119 Resp: 76768

Ion Ratio Lower Upper

119 100

91 69.8 31.5 94.5

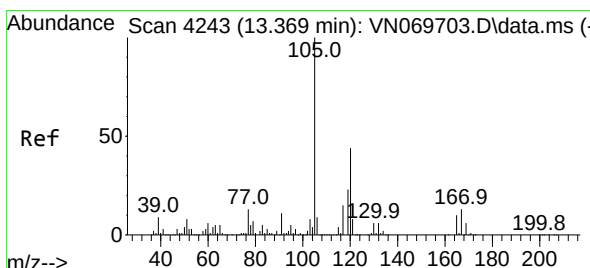
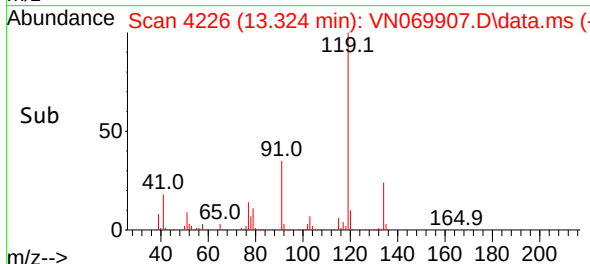
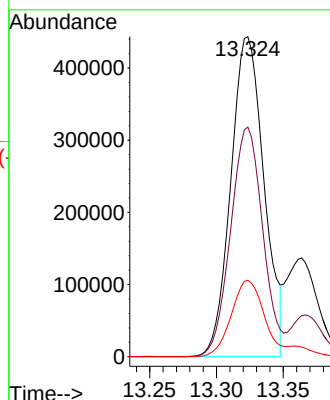
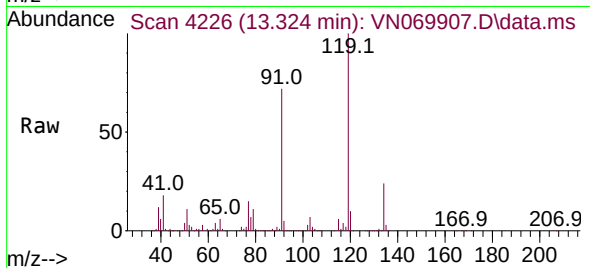
134 23.8 12.4 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#84

1,2,4-Trimethylbenzene

Concen: 19.630 ug/l

RT: 13.366 min Scan# 4242

Delta R.T. -0.003 min

Lab File: VN069907.D

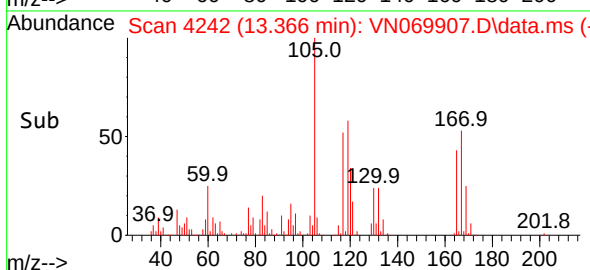
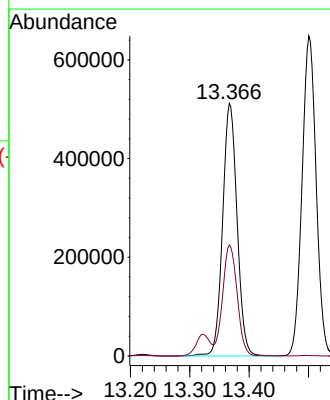
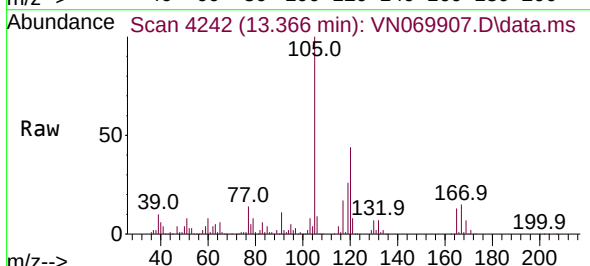
Acq: 9 Dec 2021 13:16

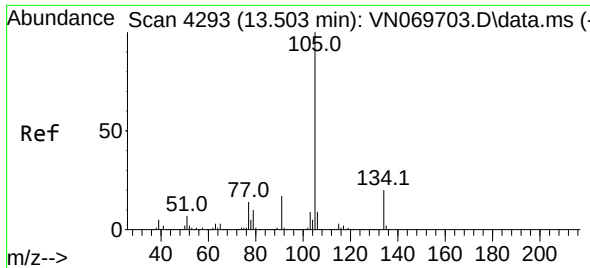
Tgt Ion:105 Resp: 869040

Ion Ratio Lower Upper

105 100

120 44.2 22.8 68.4





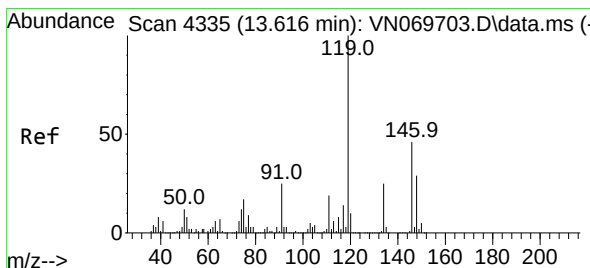
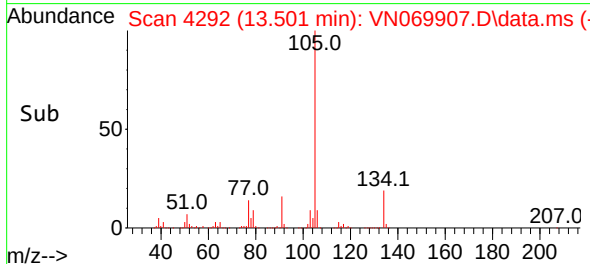
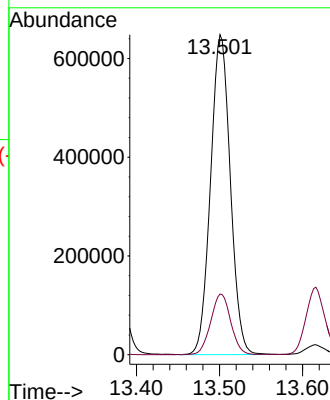
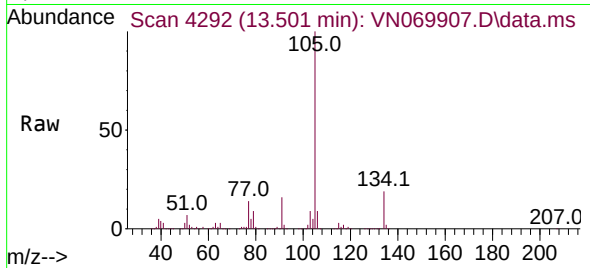
#85
 sec-Butylbenzene
 Concen: 19.154 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN069907.D
 Acq: 9 Dec 2021 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01

Tgt Ion:105 Resp: 1069399
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

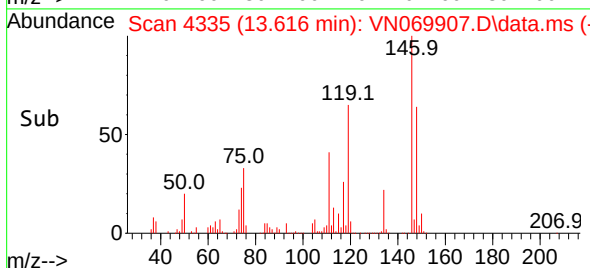
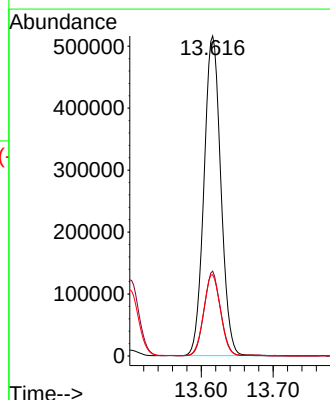
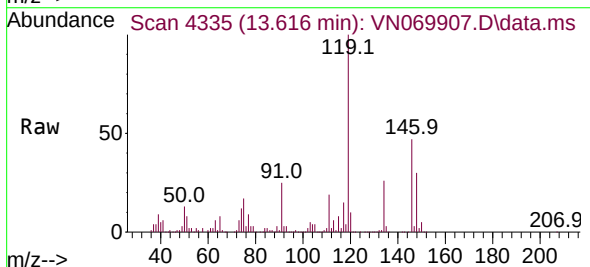
Manual Integrations
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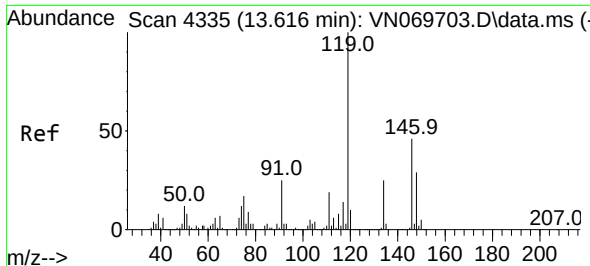
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 19.289 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069907.D
 Acq: 9 Dec 2021 13:16

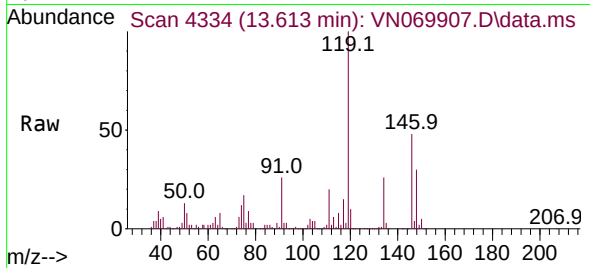
Tgt Ion:119 Resp: 841835
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.233 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

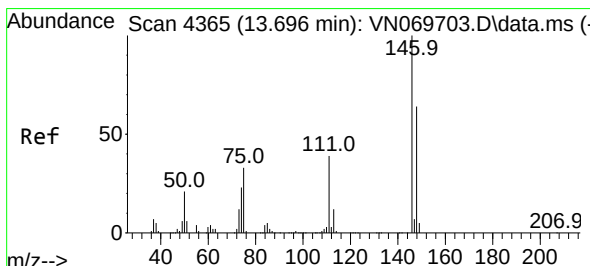
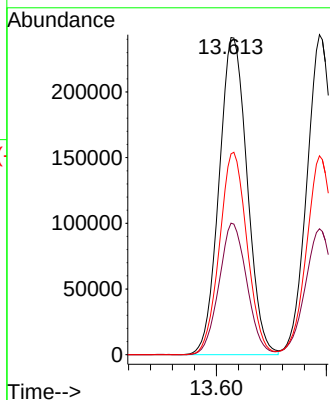
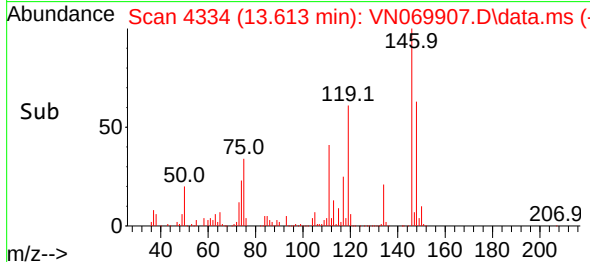
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



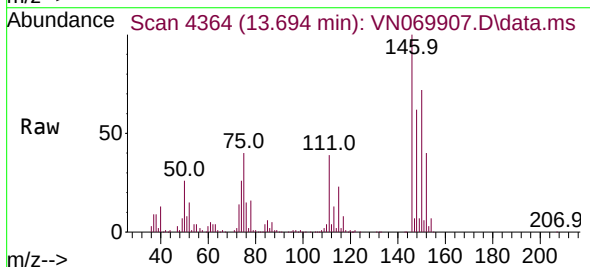
Tgt Ion:146 Resp: 428638
Ion Ratio Lower Upper
146 100
111 41.0 18.6 55.6
148 62.7 31.6 95.0

Manual Integrations
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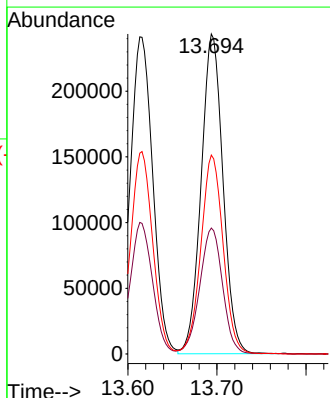
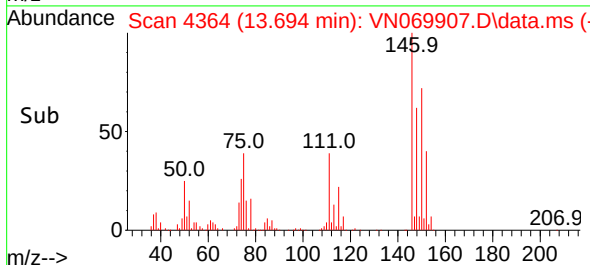
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

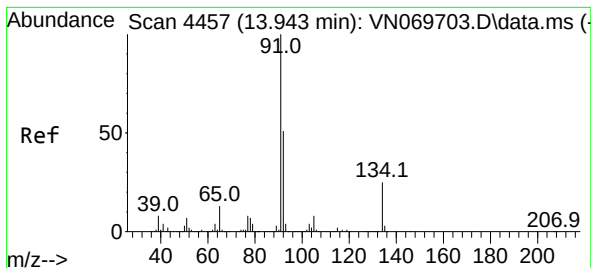


#88
1,4-Dichlorobenzene
Concen: 18.939 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16



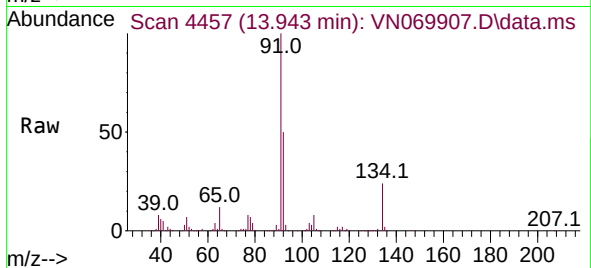
Tgt Ion:146 Resp: 414804
Ion Ratio Lower Upper
146 100
111 40.9 18.3 54.8
148 63.3 31.8 95.4





#89
n-Butylbenzene
Concen: 18.713 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

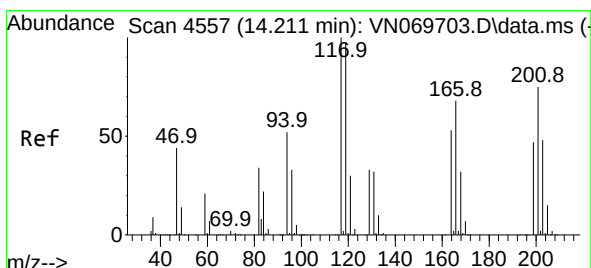
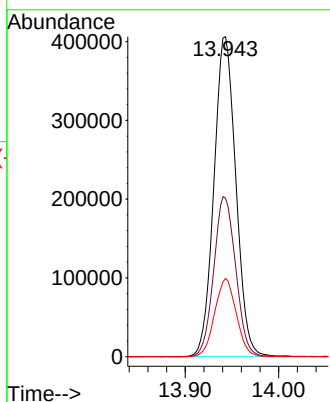
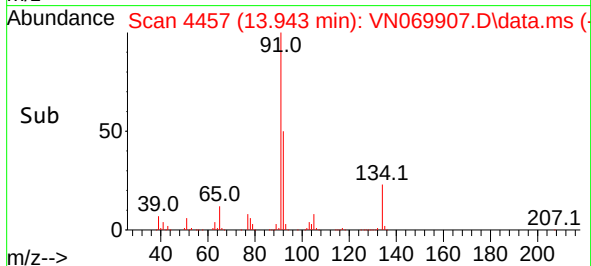
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 91 Resp: 662484
Ion Ratio Lower Upper
91 100
92 50.1 25.4 76.0
134 24.1 13.6 40.8

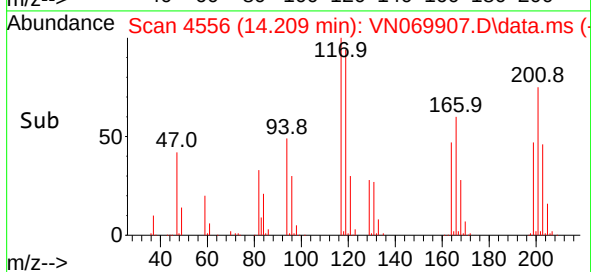
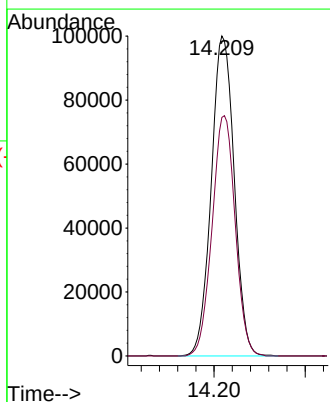
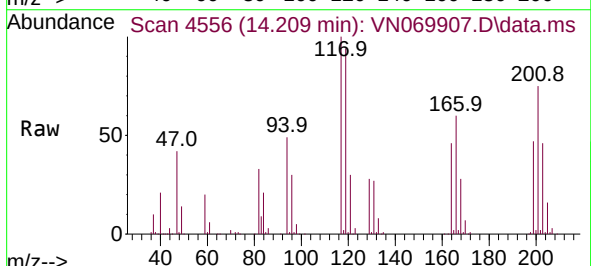
Manual Integrations
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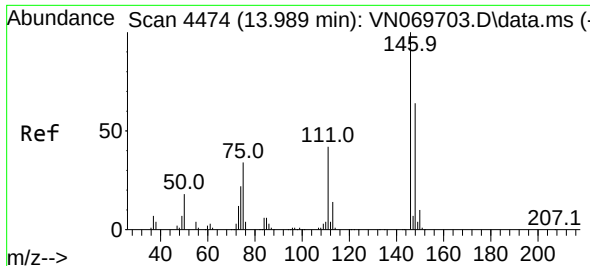
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#90
Hexachloroethane
Concen: 22.817 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

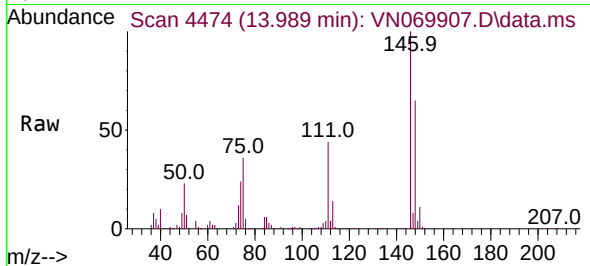
Tgt Ion:117 Resp: 174833
Ion Ratio Lower Upper
117 100
201 75.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.808 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

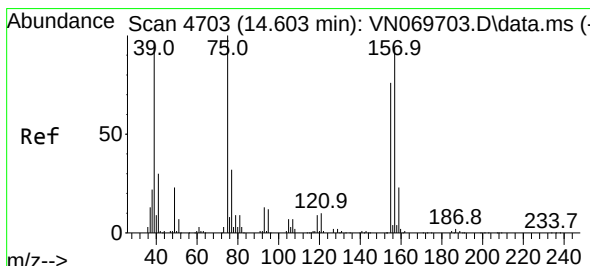
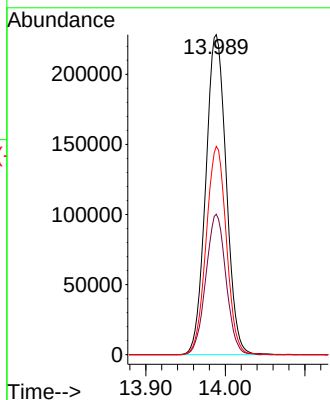
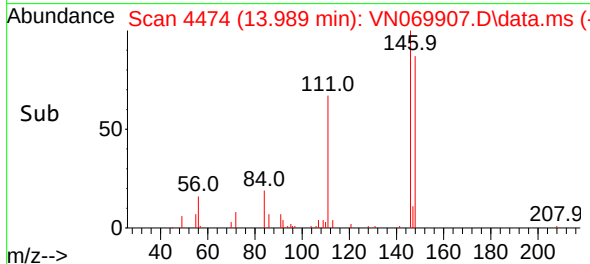
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



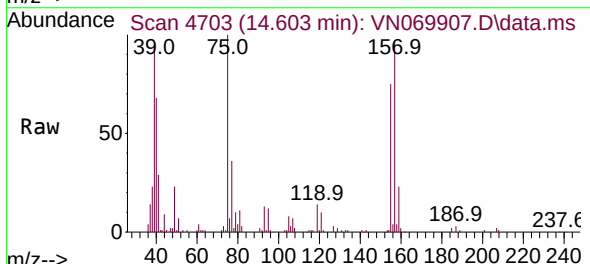
Tgt Ion:146 Resp: 408414
Ion Ratio Lower Upper
146 100
111 43.3 19.1 57.3
148 64.3 32.1 96.3

Manual Integrations
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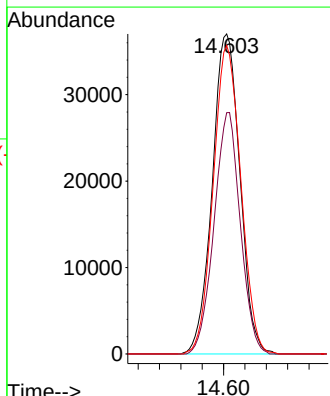
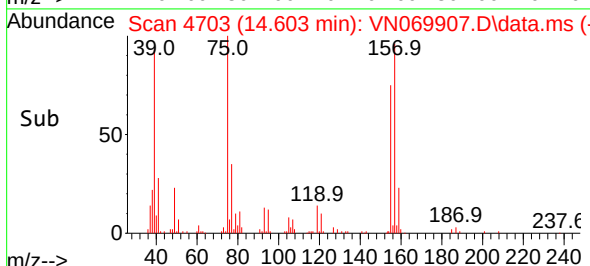
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

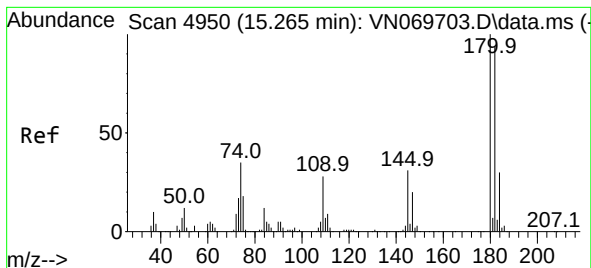


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.405 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16



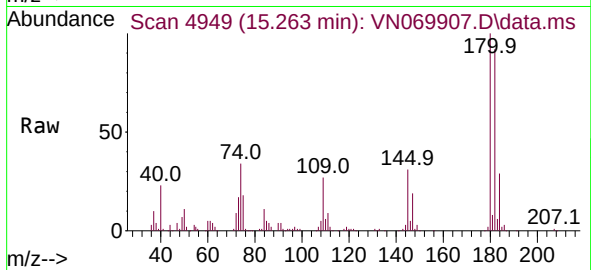
Tgt Ion: 75 Resp: 66421
Ion Ratio Lower Upper
75 100
155 71.7 46.9 140.7
157 96.5 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 17.978 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

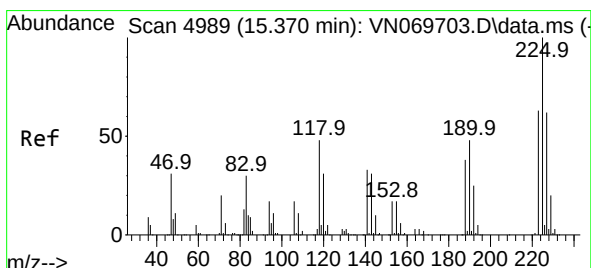
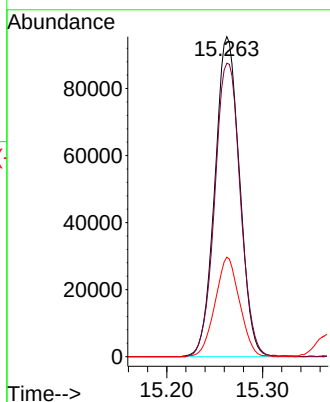
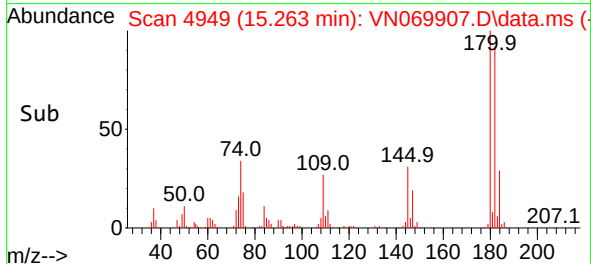
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



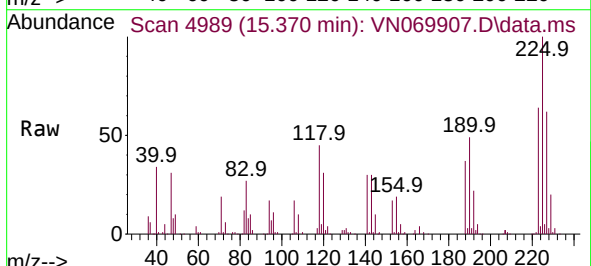
Tgt Ion:180 Resp: 17064
Ion Ratio Lower Upper
180 100
182 95.0 48.3 144.9
145 30.9 14.5 43.5

Manual Integrations
APPROVED

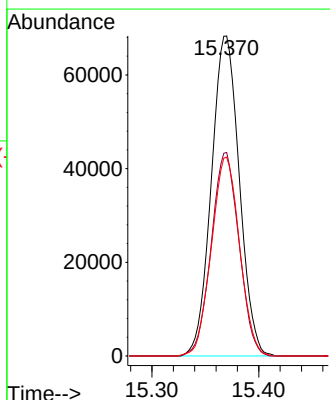
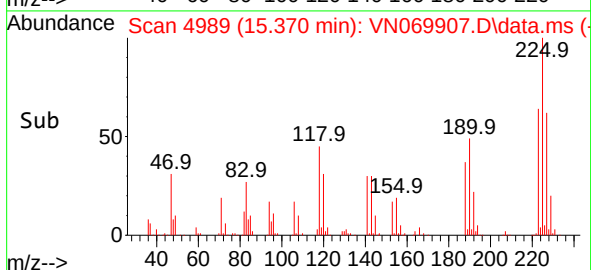
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

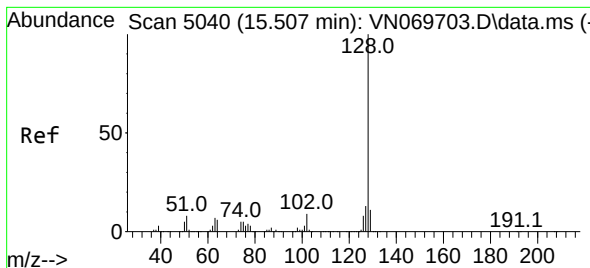


#94
Hexachlorobutadiene
Concen: 21.602 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16



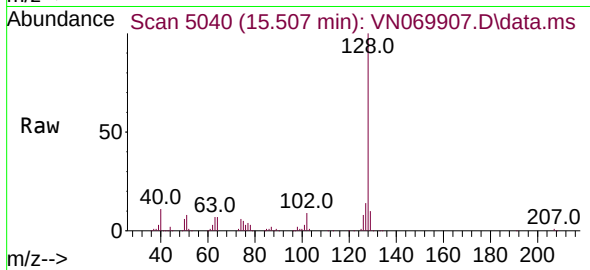
Tgt Ion:225 Resp: 124316
Ion Ratio Lower Upper
225 100
223 63.0 31.9 95.7
227 62.5 32.1 96.3





#95
Naphthalene
Concen: 15.070 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16

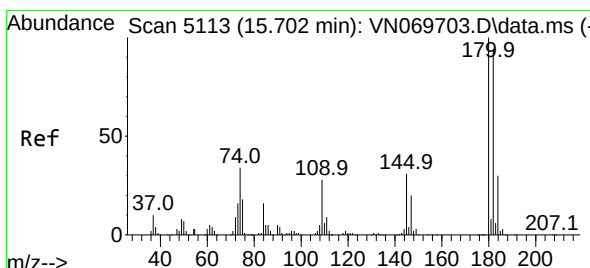
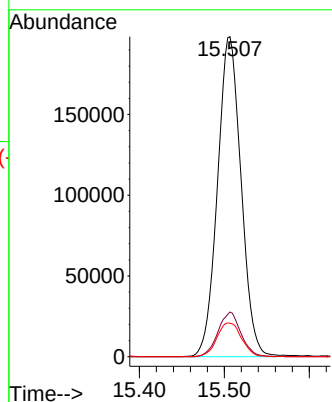
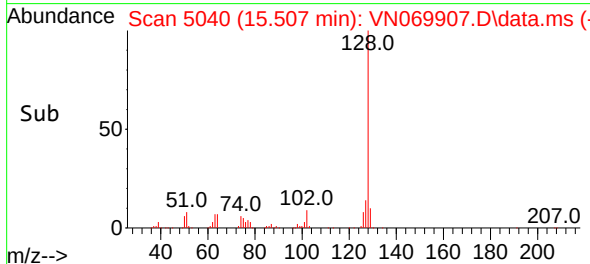
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



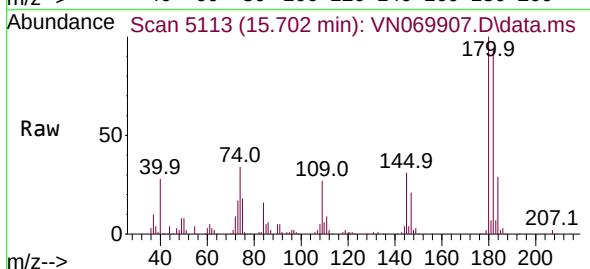
Tgt Ion:128 Resp: 382095
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 17.434 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069907.D
Acq: 9 Dec 2021 13:16



Tgt Ion:180 Resp: 163648
Ion Ratio Lower Upper
180 100
182 94.4 47.4 142.2
145 31.3 15.0 45.1

