

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122221\
 Data File : VN070302.D
 Acq On : 22 Dec 2021 20:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 12/23/2021
 Supervised By : Semsettin Yesilyurt 12/23/2021

Quant Time: Dec 23 04:40:38 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	8.083	168	1089468	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1819782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1730542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	686825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	659944	39.232	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	78.460%		
35) Dibromofluoromethane	8.021	113	464294	40.732	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	81.460%		
50) Toluene-d8	10.440	98	1778315	38.854	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	77.700%		
62) 4-Bromofluorobenzene	12.731	95	686789	41.419	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	82.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	389402	30.645	ug/l	100
3) Chloromethane	2.303	50	506297	31.804	ug/l	98
4) Vinyl Chloride	2.446	62	489109	33.414	ug/l	99
5) Bromomethane	2.832	94	274947	34.573	ug/l	99
6) Chloroethane	3.006	64	315489	35.172	ug/l	95
7) Trichlorofluoromethane	3.368	101	660477	34.379	ug/l	98
8) Diethyl Ether	3.821	74	313691	42.395	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.202	101	426929	39.643	ug/l	96
10) Methyl Iodide	4.417	142	576190	39.164	ug/l	99
11) Tert butyl alcohol	5.385	59	665495	209.298	ug/l	99
12) 1,1-Dichloroethene	4.175	96	393933	37.960	ug/l	90
13) Acrolein	4.039	56	647703	239.203	ug/l	98
14) Allyl chloride	4.835	41	974670	41.680	ug/l #	89
15) Acrylonitrile	5.554	53	1867522	217.964	ug/l	100
16) Acetone	4.288	43	1846438	182.475	ug/l	98
17) Carbon Disulfide	4.524	76	792331	29.553	ug/l	100
18) Methyl Acetate	4.854	43	1280634	41.929	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1807125	44.785	ug/l	96
20) Methylene Chloride	5.090	84	524750	39.010	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	418894	37.163	ug/l #	84
22) Diisopropyl ether	6.498	45	2085278	45.623	ug/l	92
23) Vinyl Acetate	6.434	43	8393557	225.725	ug/l	94
24) 1,1-Dichloroethane	6.385	63	1009011	42.617	ug/l	98
25) 2-Butanone	7.337	43	2794276	203.241	ug/l	91
26) 2,2-Dichloropropane	7.324	77	773749	42.032	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	556447	40.860	ug/l	85
28) Bromochloromethane	7.657	49	510719	41.481	ug/l #	77
29) Tetrahydrofuran	7.686	42	1768445	211.829	ug/l	87
30) Chloroform	7.818	83	1022936	42.780	ug/l	98
31) Cyclohexane	8.094	56	839627	35.867	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	844915	41.482	ug/l	95
36) 1,1-Dichloropropene	8.220	75	672038	38.793	ug/l	96
37) Ethyl Acetate	7.415	43	1056473	40.974	ug/l	97
38) Carbon Tetrachloride	8.206	117	675585	39.768	ug/l	99
39) Methylcyclohexane	9.459	83	764863	37.118	ug/l #	88
40) Benzene	8.459	78	2146375	40.534	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	572703	47.316	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	876429	41.001	ug/l	97
43) Isopropyl Acetate	8.560	43	1686607	44.202	ug/l #	94
44) Trichloroethene	9.215	130	496153	39.257	ug/l	92
45) 1,2-Dichloropropane	9.488	63	623042	43.816	ug/l	99
46) Dibromomethane	9.577	93	382678	41.035	ug/l	93
47) Bromodichloromethane	9.762	83	797191	45.149	ug/l	100
48) Methyl methacrylate	9.558	41	787654	44.233	ug/l	86
49) 1,4-Dioxane	9.569	88	258811	810.033	ug/l #	84
51) 4-Methyl-2-Pentanone	10.331	43	5716738	230.950	ug/l	96
52) Toluene	10.505	92	1350215	41.766	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	860902	41.062	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	921032	41.666	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	578374	44.341	ug/l	97
56) Ethyl methacrylate	10.760	69	1016948	41.716	ug/l #	89
57) 1,3-Dichloropropane	11.044	76	1007704	43.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1449386	220.424	ug/l	91
59) 2-Hexanone	11.084	43	4148560	221.552	ug/l	94
60) Dibromochloromethane	11.237	129	572590	41.399	ug/l	100
61) 1,2-Dibromoethane	11.344	107	579423	42.888	ug/l	99
64) Tetrachloroethene	10.977	164	441074	37.589	ug/l	95
65) Chlorobenzene	11.771	112	1466088	41.760	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	541100	43.790	ug/l	99
67) Ethyl Benzene	11.843	91	2698863	42.320	ug/l	96
68) m/p-Xylenes	11.953	106	1925624	82.930	ug/l	91
69) o-Xylene	12.280	106	999084	42.716	ug/l	93
70) Styrene	12.294	104	1637241	44.145	ug/l	95
71) Bromoform	12.457	173	429884	41.184	ug/l #	99
73) Isopropylbenzene	12.578	105	2663314	43.584	ug/l	98
74) N-amyl acetate	12.388	43	1255548	46.460	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	927596	43.897	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	744048m	37.776	ug/l	
77) Bromobenzene	12.860	156	603971	42.078	ug/l	75
78) n-propylbenzene	12.919	91	2942119	43.267	ug/l	96
79) 2-Chlorotoluene	13.007	91	1843923	42.915	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2138331	43.475	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	261826	44.034	ug/l	96
82) 4-Chlorotoluene	13.104	91	1740913	43.084	ug/l	92
83) tert-Butylbenzene	13.324	119	1932156	44.365	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	2104941	44.937	ug/l	97
85) sec-Butylbenzene	13.501	105	2608917	44.163	ug/l	97
86) p-Isopropyltoluene	13.616	119	2045493	44.298	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	988667	41.927	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	948196	40.918	ug/l	97
89) n-Butylbenzene	13.943	91	1665065	44.452	ug/l	97
90) Hexachloroethane	14.209	117	361972	44.649	ug/l	90
91) 1,2-Dichlorobenzene	13.989	146	974624	42.420	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	172299	45.123	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	476418	42.723	ug/l	98
94) Hexachlorobutadiene	15.370	225	265118	43.540	ug/l	100
95) Naphthalene	15.507	128	1463387	44.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	484052	44.365	ug/l	99

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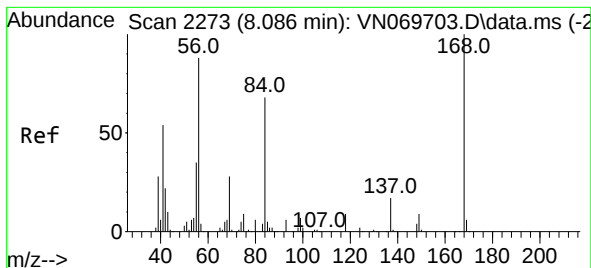
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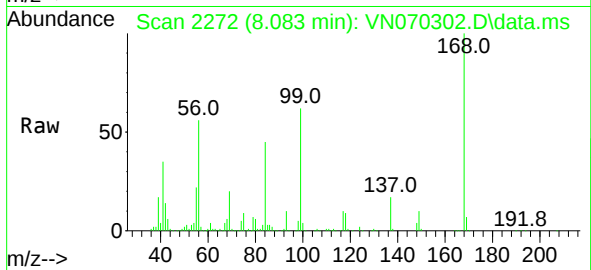
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
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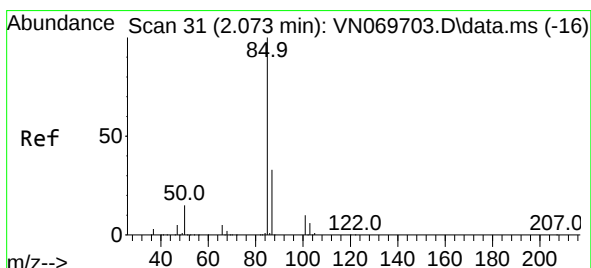
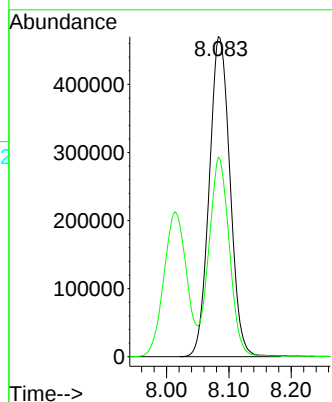
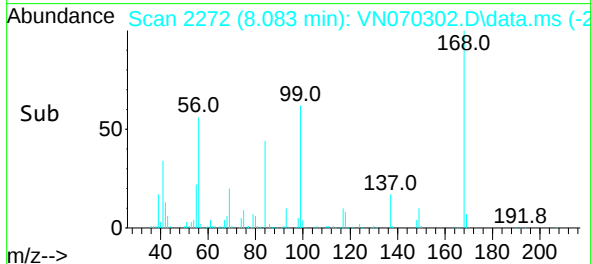
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Tgt Ion:168 Resp: 108946
Ion Ratio Lower Upper
168 100
99 62.1 41.3 61.9

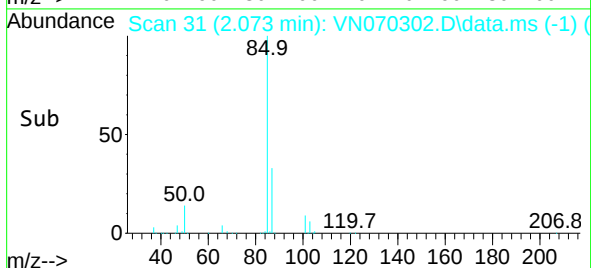
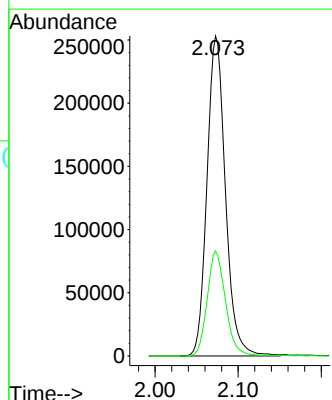
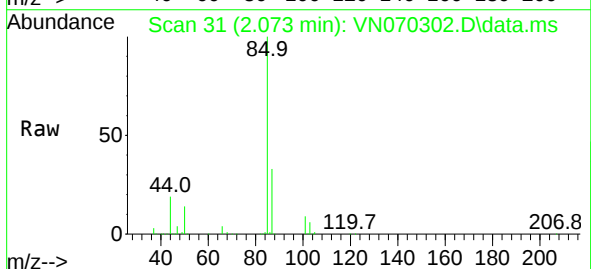
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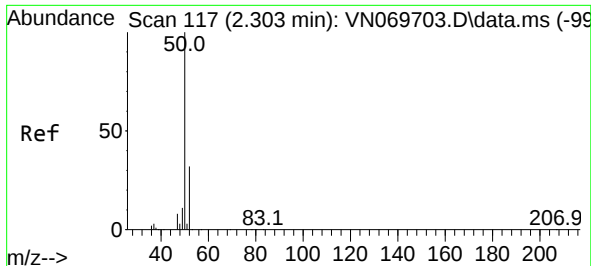
Reviewed By :Mahesh Dadoda 12/23/2021
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#2
Dichlorodifluoromethane
Concen: 30.645 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

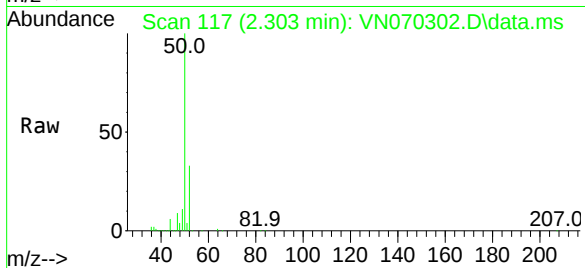
Tgt Ion: 85 Resp: 389402
Ion Ratio Lower Upper
85 100
87 32.8 16.3 48.9





#3
Chloromethane
Concen: 31.804 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

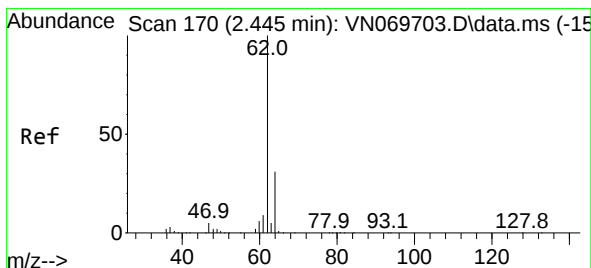
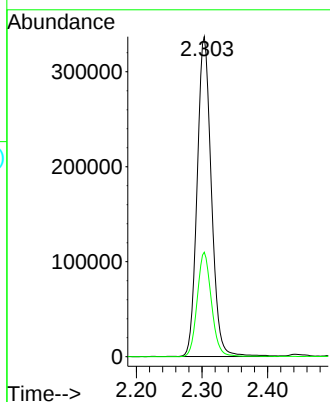
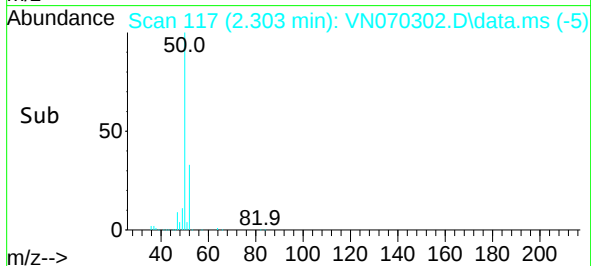
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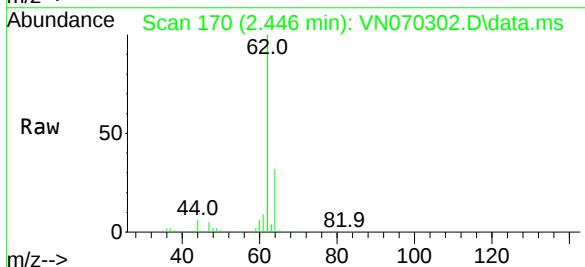
Tgt Ion: 50 Resp: 50629
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.0

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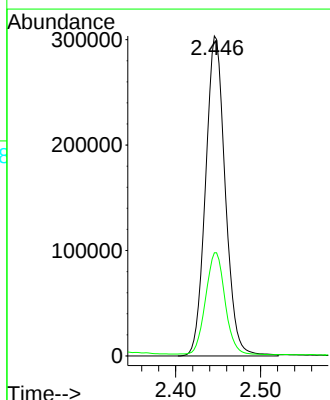
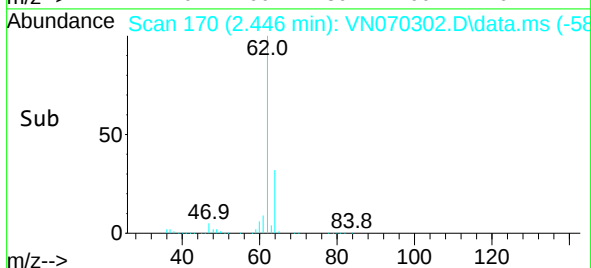
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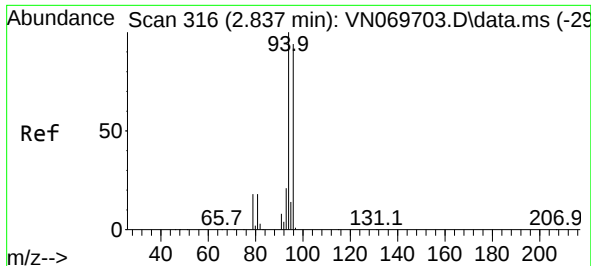


#4
Vinyl Chloride
Concen: 33.414 ug/l
RT: 2.446 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



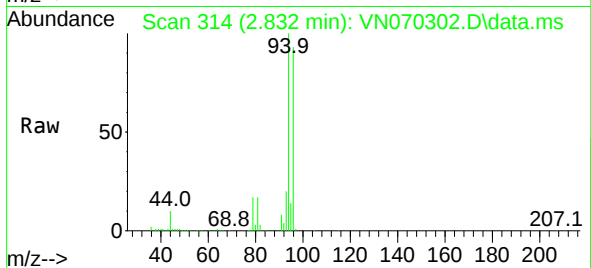
Tgt Ion: 62 Resp: 489109
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





#5
Bromomethane
Concen: 34.573 ug/l
RT: 2.832 min Scan# 316
Delta R.T. -0.005 min
Lab File: VN070302.D
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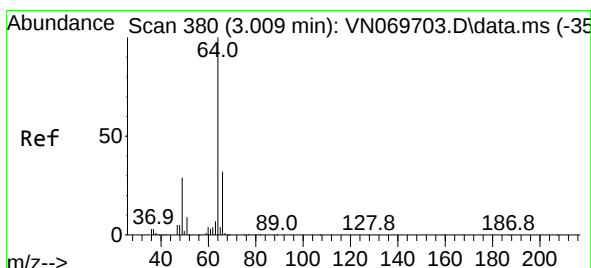
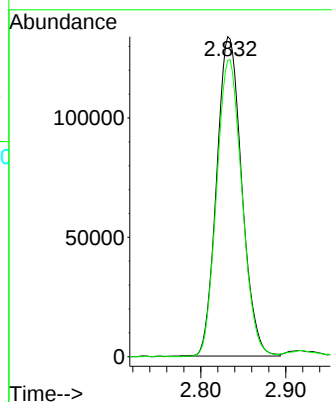
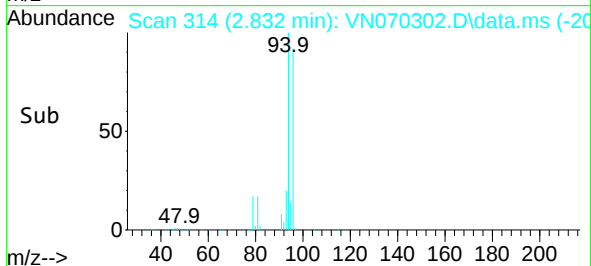
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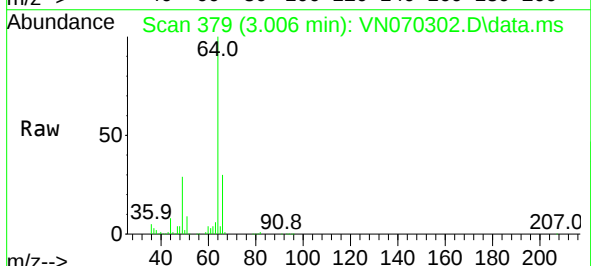
Tgt Ion: 94 Resp: 27494
Ion Ratio Lower Upper
94 100
96 92.8 73.8 110.8

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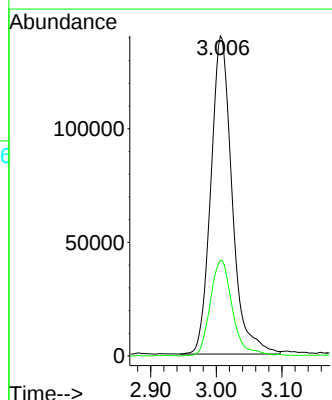
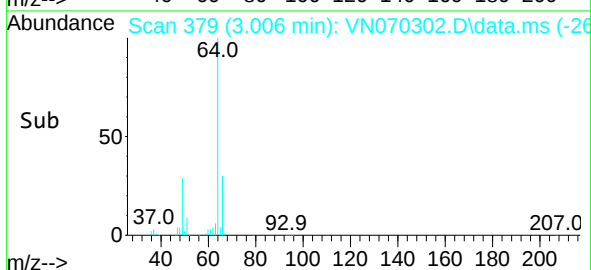
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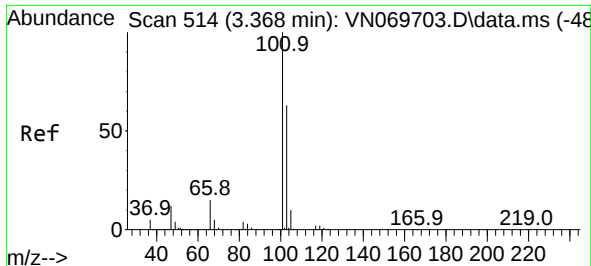


#6
Chloroethane
Concen: 35.172 ug/l
RT: 3.006 min Scan# 379
Delta R.T. -0.002 min
Lab File: VN070302.D
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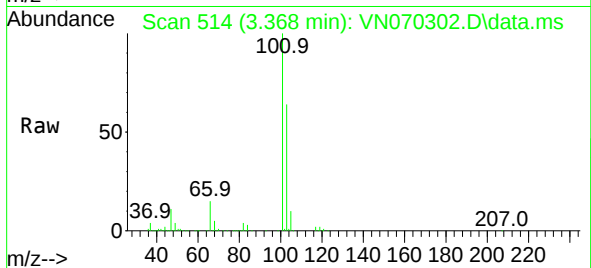
Tgt Ion: 64 Resp: 315489
Ion Ratio Lower Upper
64 100
66 30.0 26.3 39.5





#7
Trichlorofluoromethane
Concen: 34.379 ug/l
RT: 3.368 min Scan# 514
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

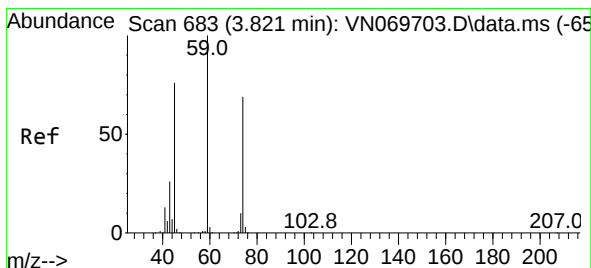
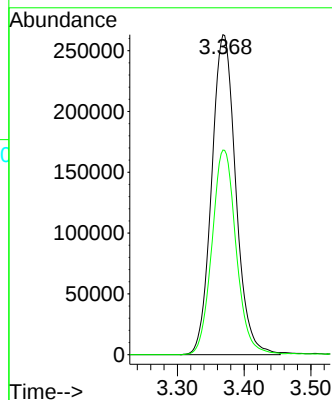
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 66047
Ion Ratio Lower Upper
101 100
103 64.0 50.1 75.1

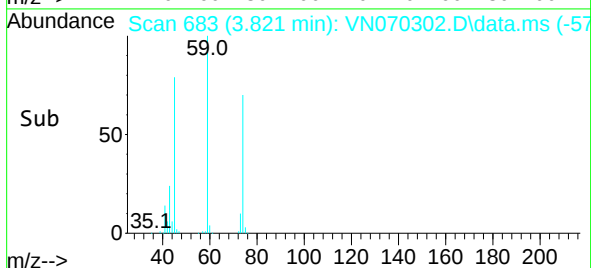
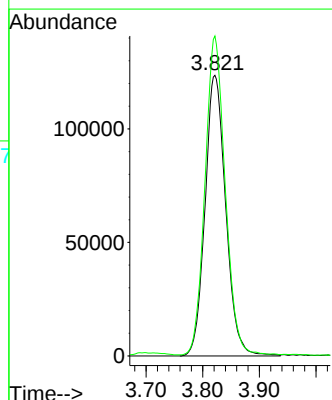
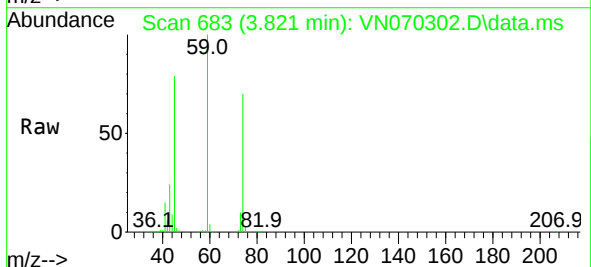
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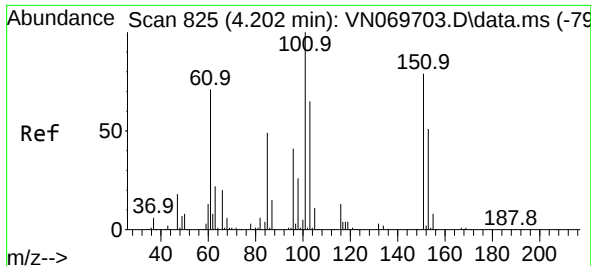
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#8
Diethyl Ether
Concen: 42.395 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN070302.D
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Tgt Ion: 74 Resp: 313691
Ion Ratio Lower Upper
74 100
45 110.3 47.0 141.2





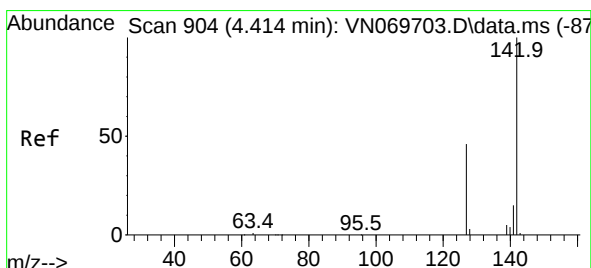
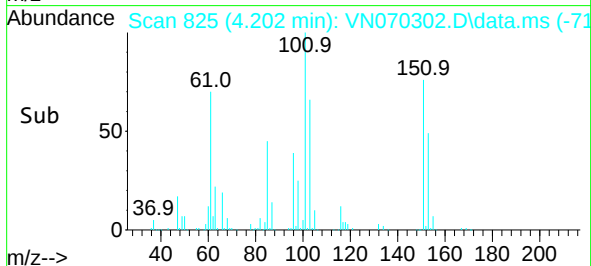
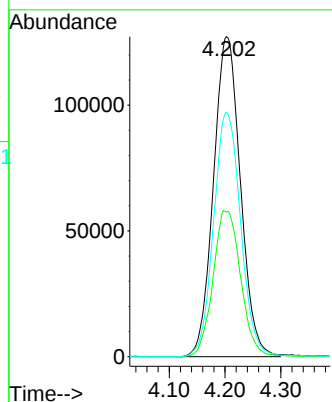
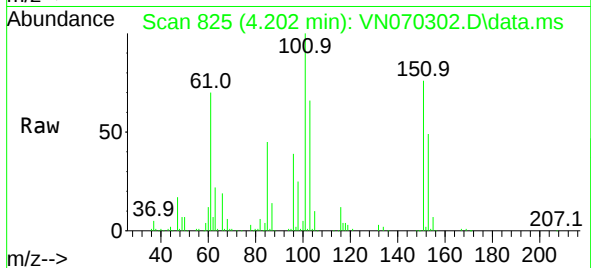
#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.643 ug/l
RT: 4.202 min Scan# 825
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 426929
Ion Ratio Lower Upper
101 100
85 46.7 37.2 55.8
151 76.7 65.9 98.9

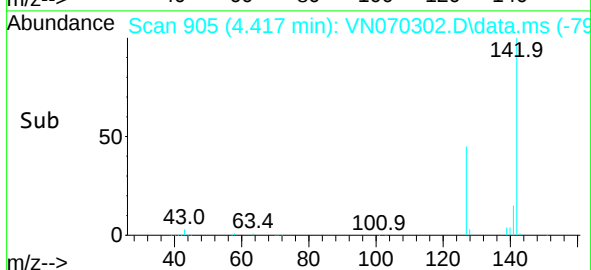
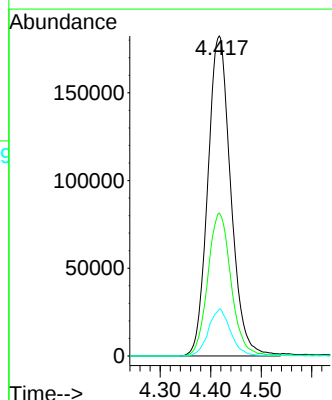
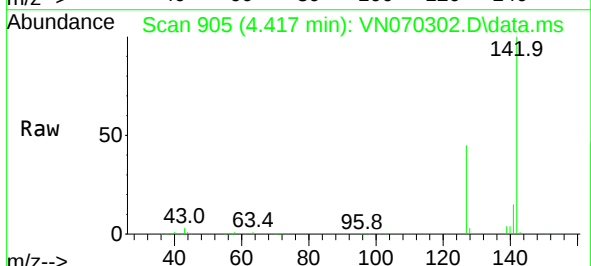
Manual Integrations
APPROVED

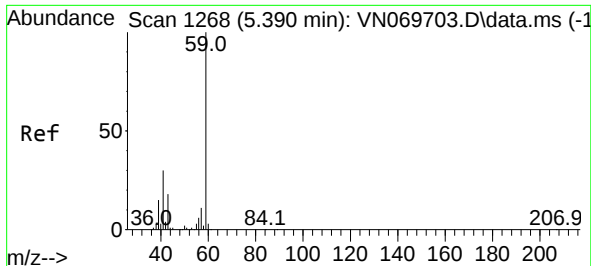
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#10
Methyl Iodide
Concen: 39.164 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

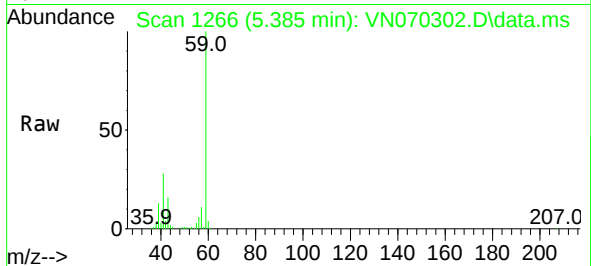
Tgt Ion:142 Resp: 576190
Ion Ratio Lower Upper
142 100
127 45.2 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 209.298 ug/l
RT: 5.385 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

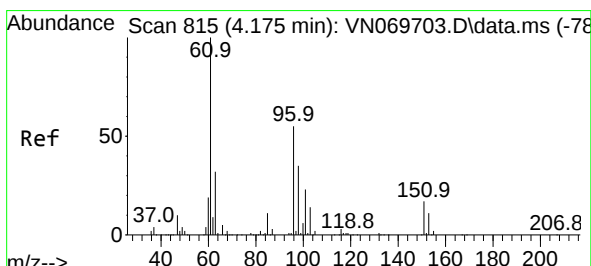
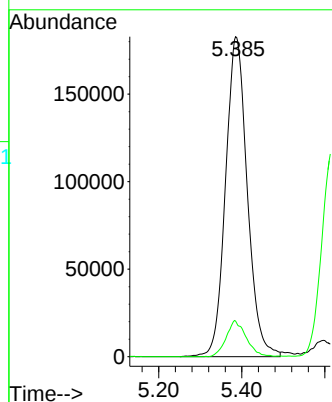
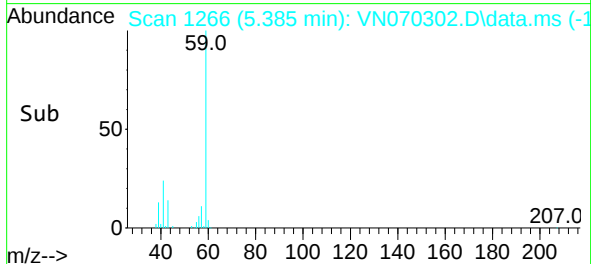
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



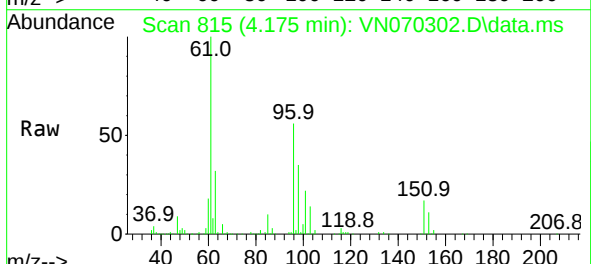
Tgt Ion: 59 Resp: 66549
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

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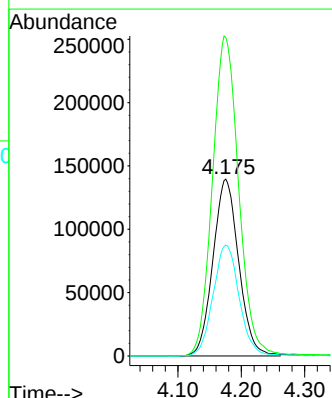
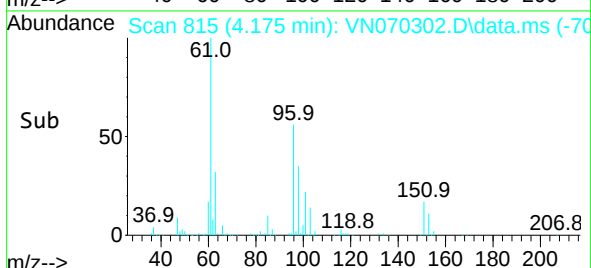
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#12
1,1-Dichloroethene
Concen: 37.960 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



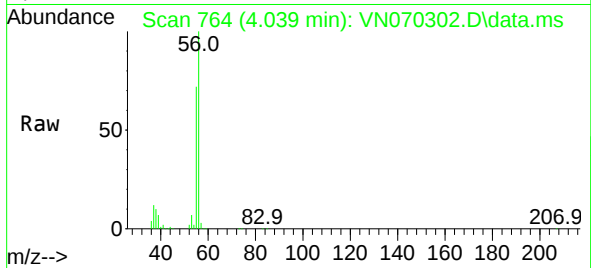
Tgt Ion: 96 Resp: 393933
Ion Ratio Lower Upper
96 100
61 180.0 131.0 196.6
98 62.7 52.4 78.6





#13
Acrolein
Concen: 239.203 ug/l
RT: 4.039 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

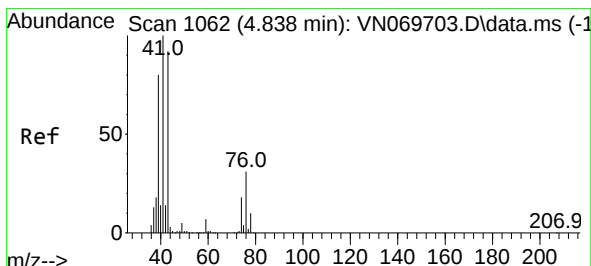
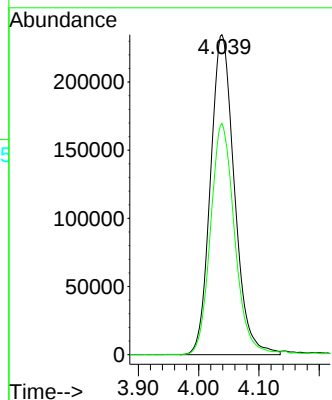
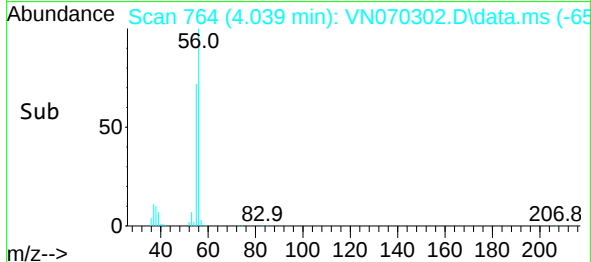
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



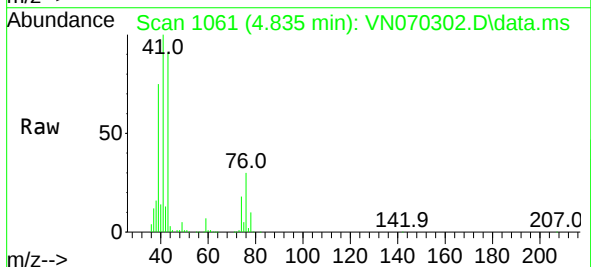
Tgt Ion: 56 Resp: 64770
Ion Ratio Lower Upper
56 100
55 72.2 56.6 85.0

Manual Integrations
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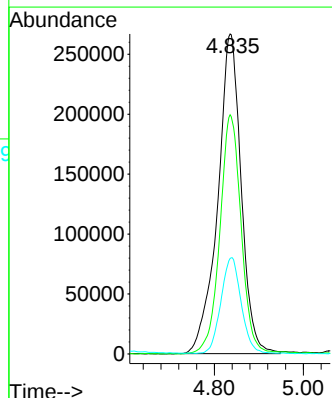
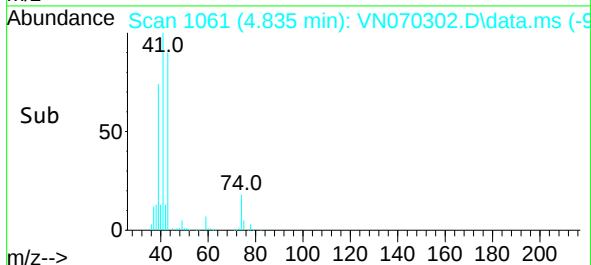
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

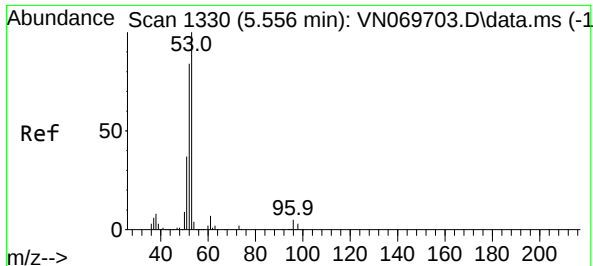


#14
Allyl chloride
Concen: 41.680 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



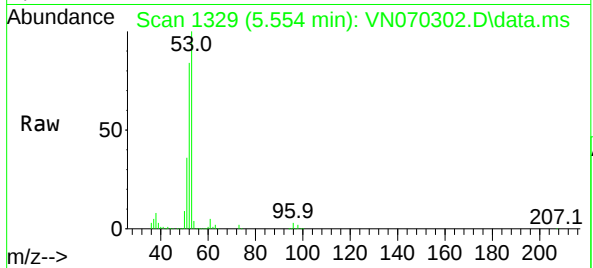
Tgt Ion: 41 Resp: 974670
Ion Ratio Lower Upper
41 100
39 68.0 61.2 91.8
76 25.7 26.0 39.0#





#15
Acrylonitrile
Concen: 217.964 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

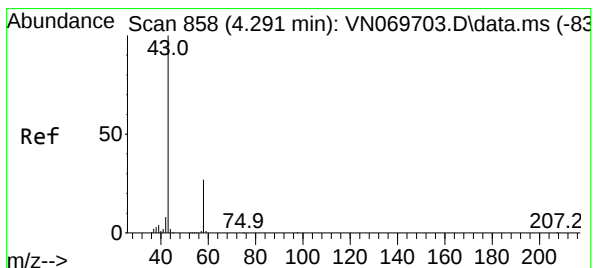
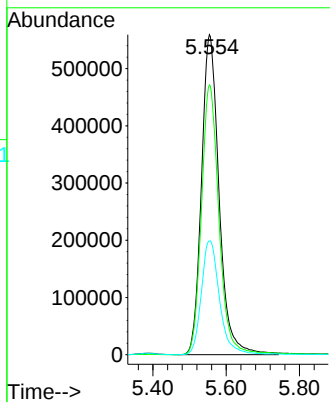
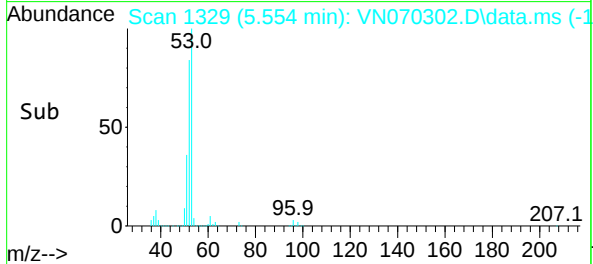
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 186752
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 36.8 29.6 44.4

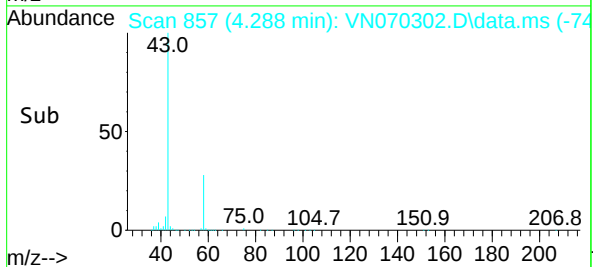
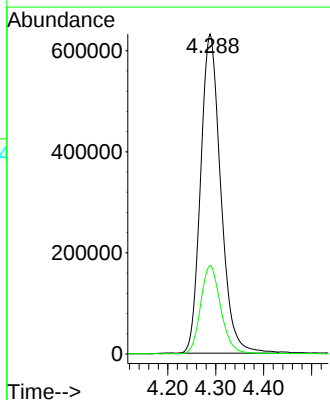
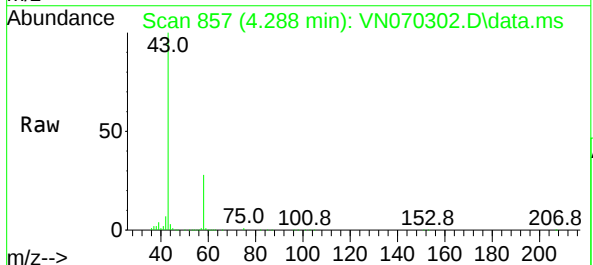
Manual Integrations
APPROVED

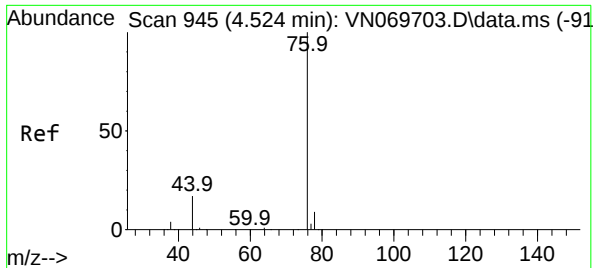
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#16
Acetone
Concen: 182.475 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

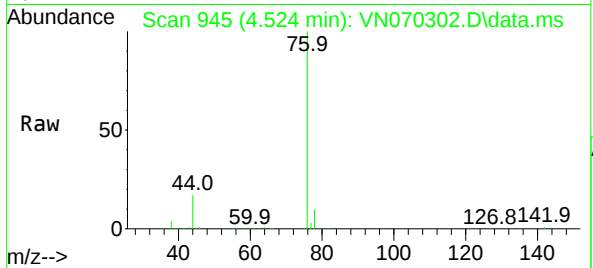
Tgt Ion: 43 Resp: 1846438
Ion Ratio Lower Upper
43 100
58 27.7 23.1 34.7





#17
Carbon Disulfide
Concen: 29.553 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

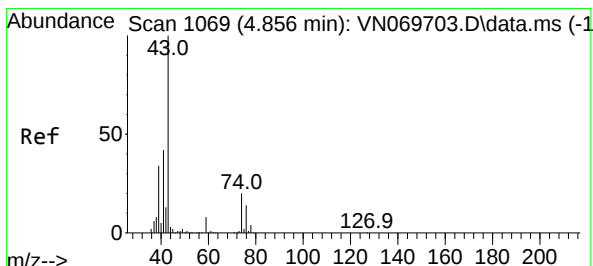
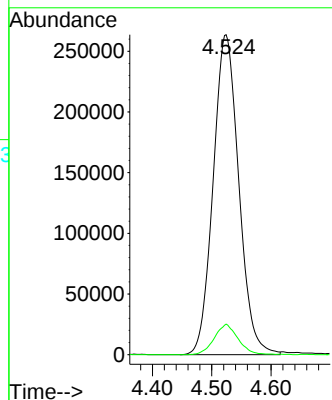
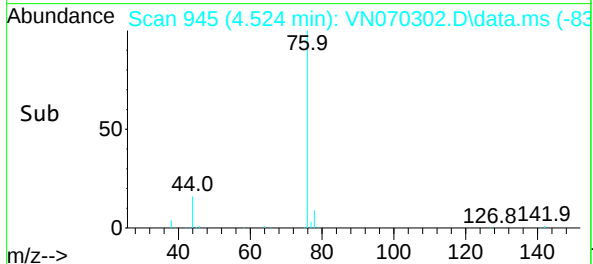
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



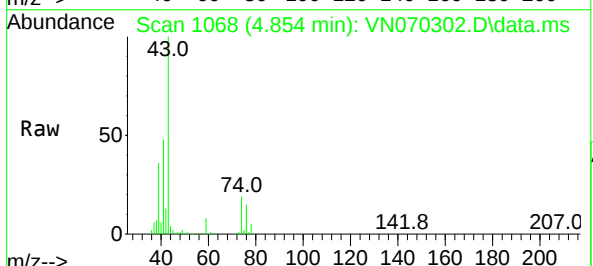
Tgt Ion: 76 Resp: 79233
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

Manual Integrations
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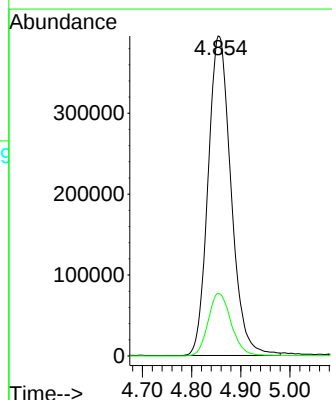
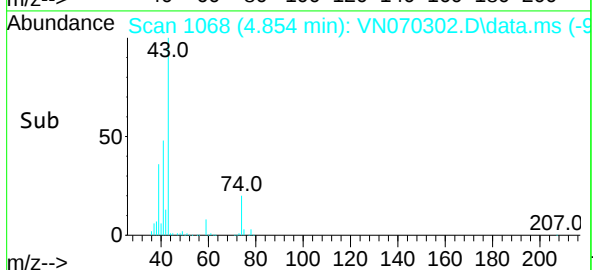
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

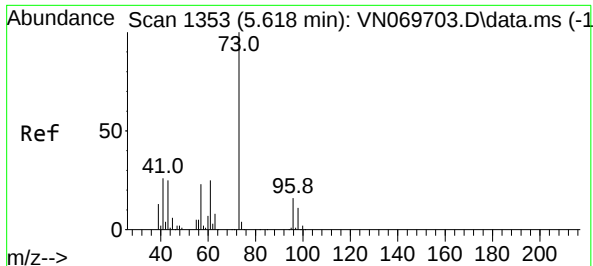


#18
Methyl Acetate
Concen: 41.929 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



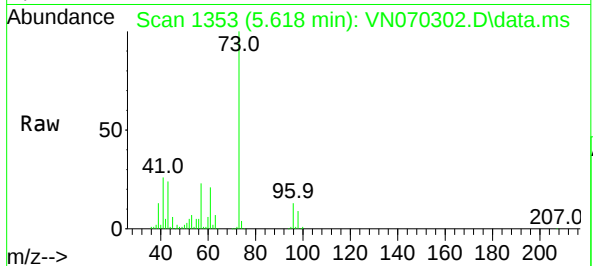
Tgt Ion: 43 Resp: 1280634
Ion Ratio Lower Upper
43 100
74 19.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 44.785 ug/l
RT: 5.618 min Scan# 1156
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

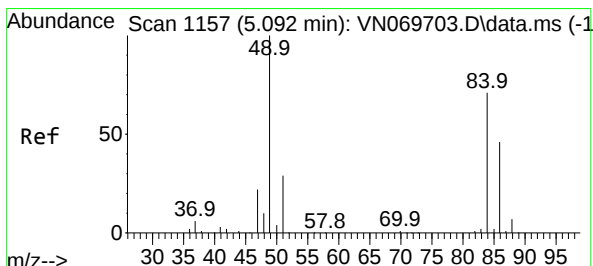
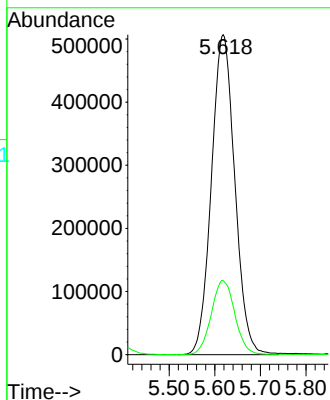
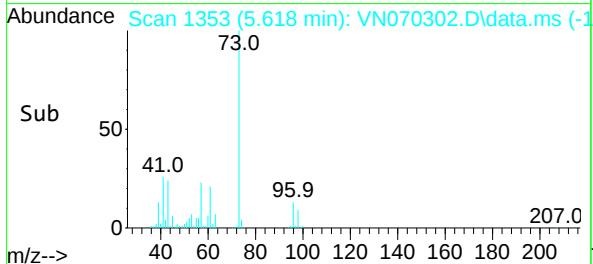
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 180712
Ion Ratio Lower Upper
73 100
57 23.1 16.8 25.2

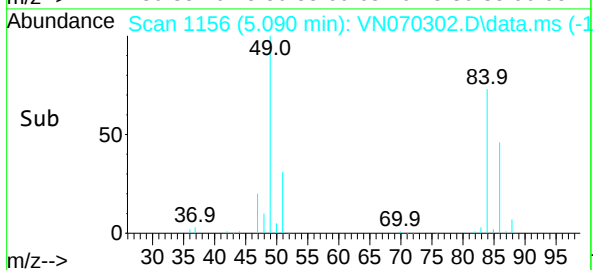
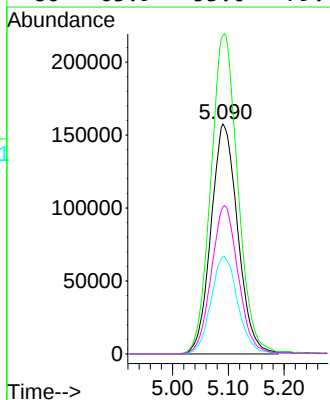
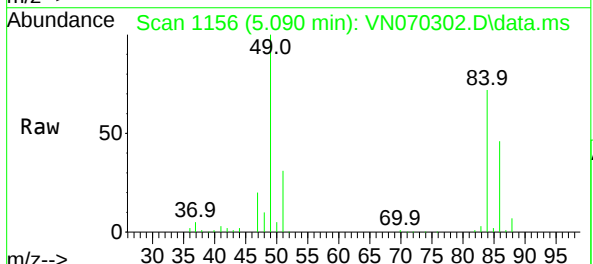
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#20
Methylene Chloride
Concen: 39.010 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

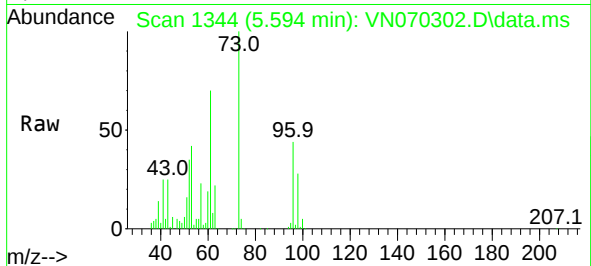
Tgt Ion: 84 Resp: 524750
Ion Ratio Lower Upper
84 100
49 138.4 93.5 140.3
51 42.4 29.4 44.2
86 63.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 37.163 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

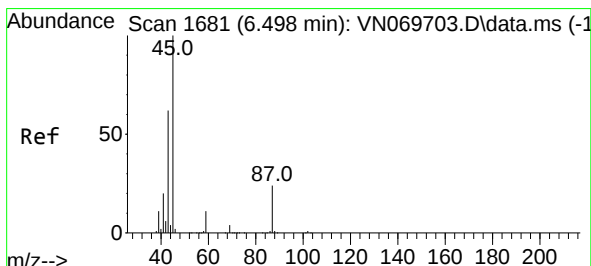
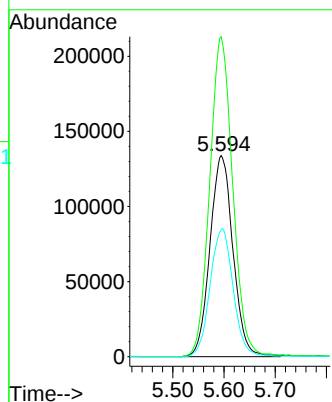
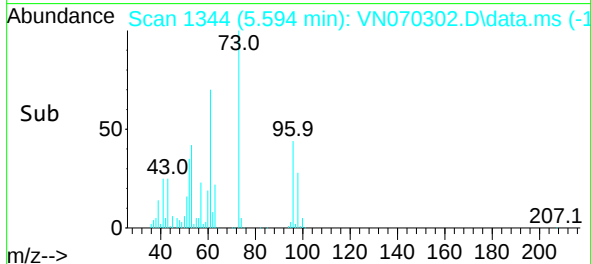
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



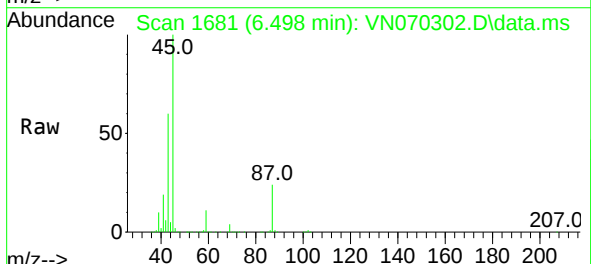
Tgt Ion: 96 Resp: 418894
Ion Ratio Lower Upper
96 100
61 159.1 105.8 158.6
98 63.1 52.0 78.0

Manual Integrations
APPROVED

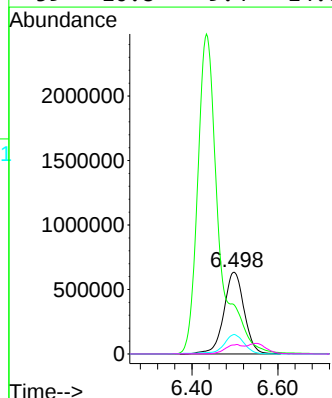
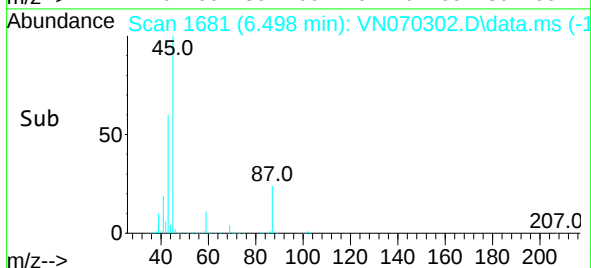
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

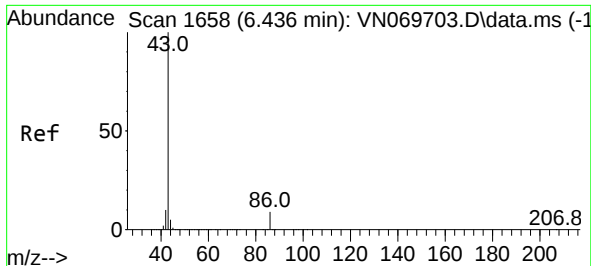


#22
Diisopropyl ether
Concen: 45.623 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



Tgt Ion: 45 Resp: 2085278
Ion Ratio Lower Upper
45 100
43 58.7 51.7 77.5
87 23.8 23.2 34.8
59 10.8 9.4 14.0





#23

Vinyl Acetate

Concen: 225.725 ug/l

RT: 6.434 min Scan# 1657

Delta R.T. -0.002 min

Lab File: VN070302.D

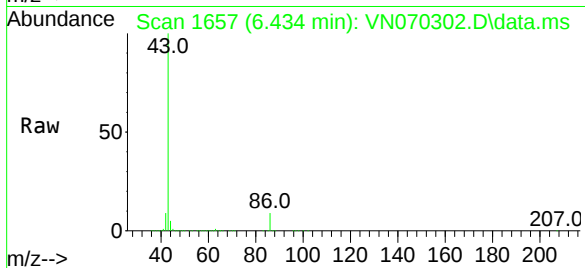
Acq: 22 Dec 2021 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 839355

Ion Ratio Lower Upper

43 100

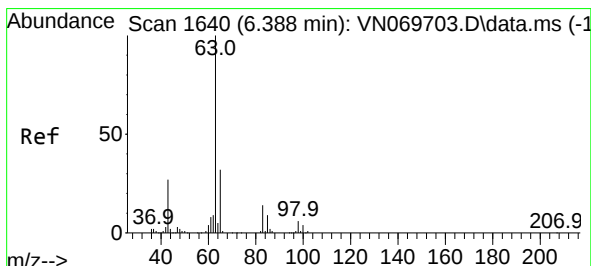
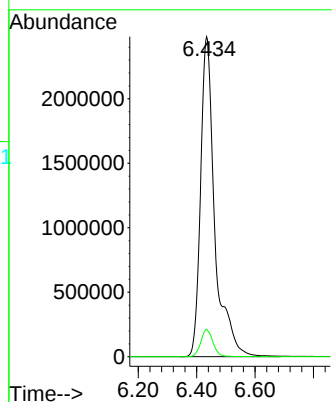
86 8.5 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/23/2021

Supervised By :Semsettin Yesilyurt 12/23/2021



#24

1,1-Dichloroethane

Concen: 42.617 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. -0.002 min

Lab File: VN070302.D

Acq: 22 Dec 2021 20:42

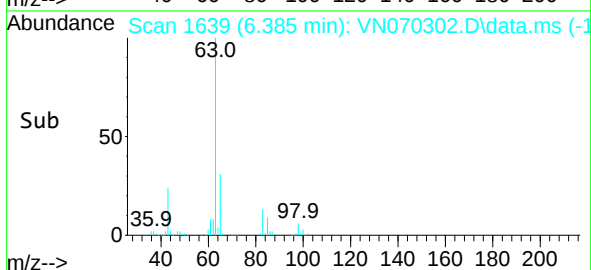
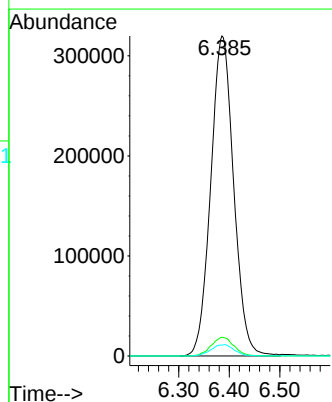
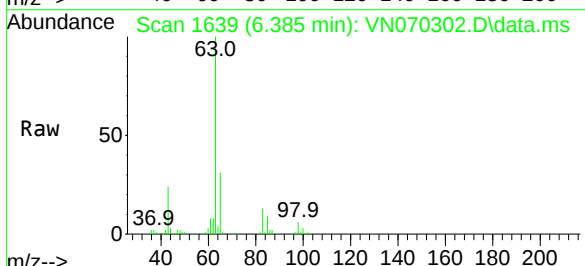
Tgt Ion: 63 Resp: 1009011

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

100 3.4 2.1 6.5





#25

2-Butanone

Concen: 203.241 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN070302.D

Acq: 22 Dec 2021 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2794270

Ion Ratio Lower Upper

43 100

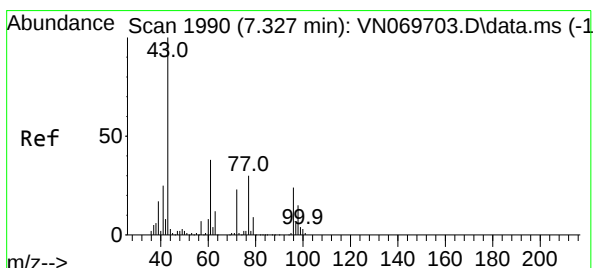
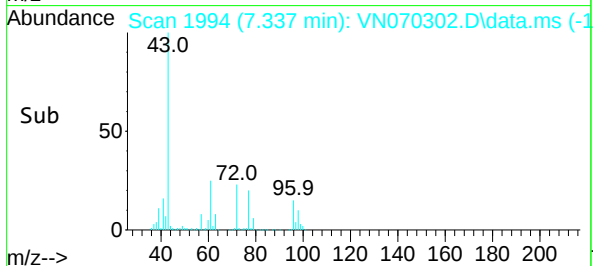
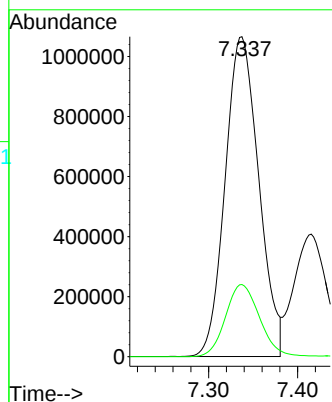
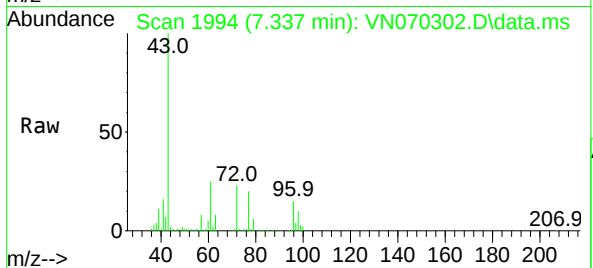
72 22.6 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/23/2021

Supervised By :Semsettin Yesilyurt 12/23/2021



#26

2,2-Dichloropropane

Concen: 42.032 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.002 min

Lab File: VN070302.D

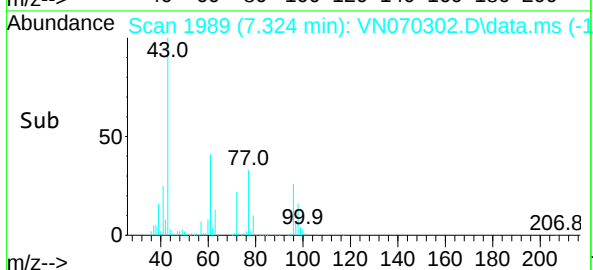
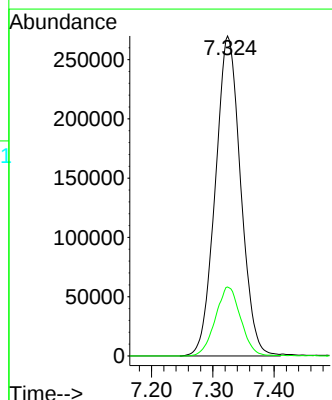
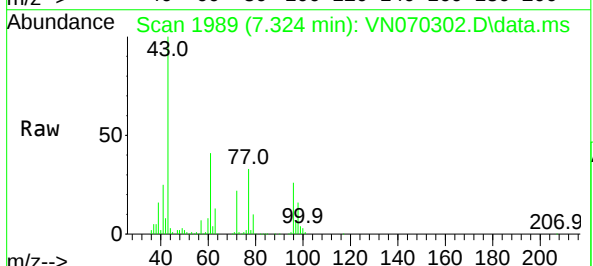
Acq: 22 Dec 2021 20:42

Tgt Ion: 77 Resp: 773749

Ion Ratio Lower Upper

77 100

97 21.6 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 40.860 ug/l

RT: 7.324 min Scan# 1990

Delta R.T. -0.002 min

Lab File: VN070302.D

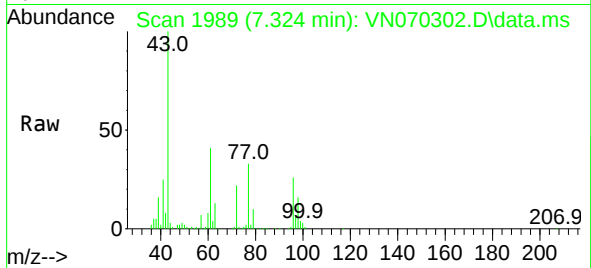
Acq: 22 Dec 2021 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 55644

Ion Ratio Lower Upper

96 100

61 163.6 0.0 275.0

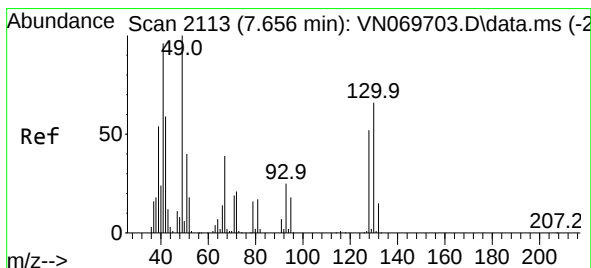
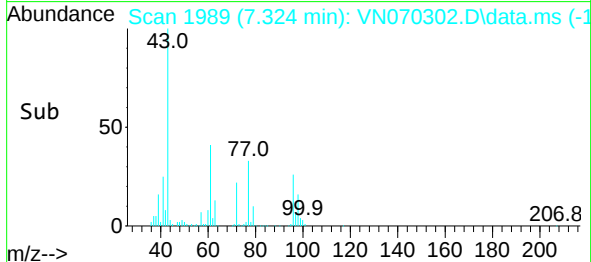
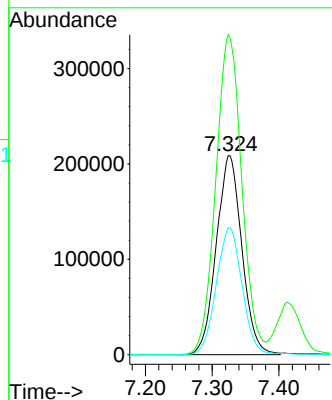
98 64.6 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/23/2021

Supervised By :Semsettin Yesilyurt 12/23/2021



#28

Bromochloromethane

Concen: 41.481 ug/l

RT: 7.657 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VN070302.D

Acq: 22 Dec 2021 20:42

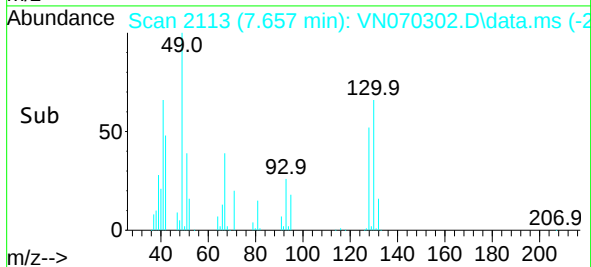
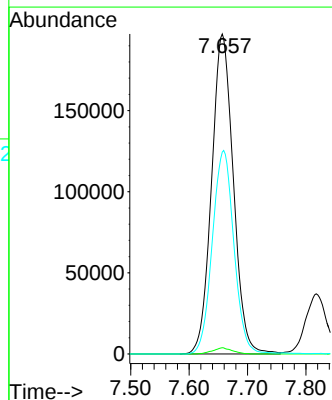
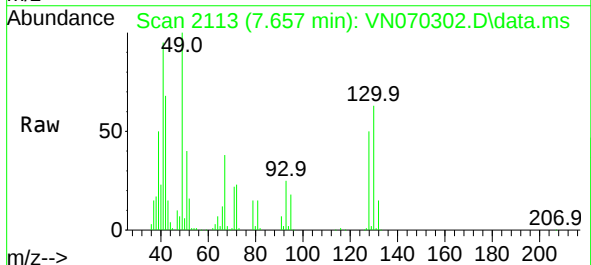
Tgt Ion: 49 Resp: 510719

Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 63.2 67.8 101.8#





#29

Tetrahydrofuran

Concen: 211.829 ug/l

RT: 7.686 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070302.D

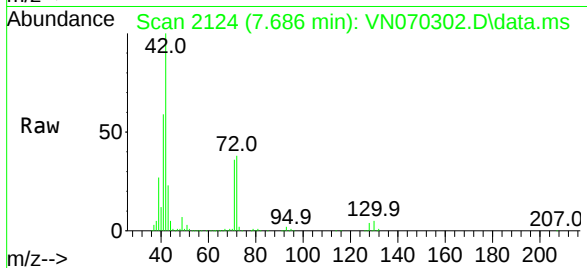
Acq: 22 Dec 2021 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



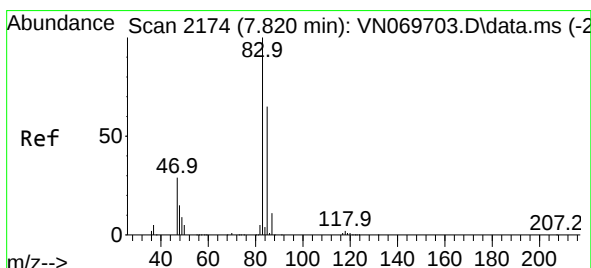
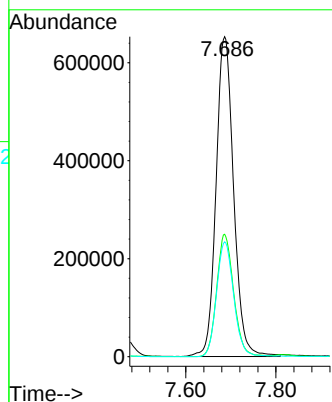
Tgt Ion: 42 Resp: 176844

Ion	Ratio	Lower	Upper
42	100		
72	37.0	36.3	54.5
71	35.2	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#30

Chloroform

Concen: 42.780 ug/l

RT: 7.818 min Scan# 2173

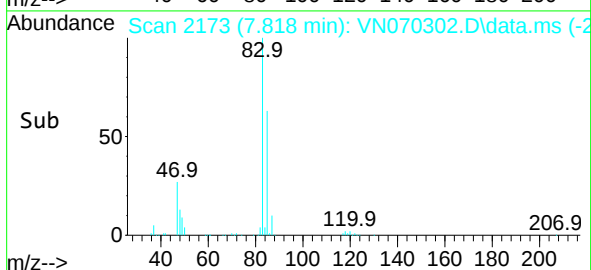
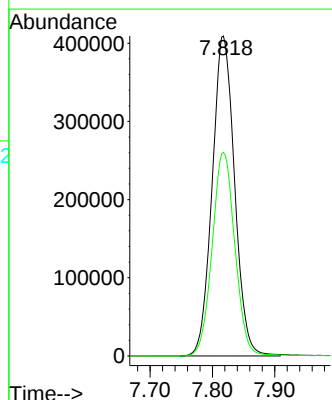
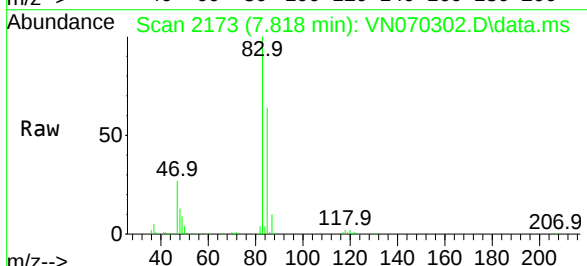
Delta R.T. -0.002 min

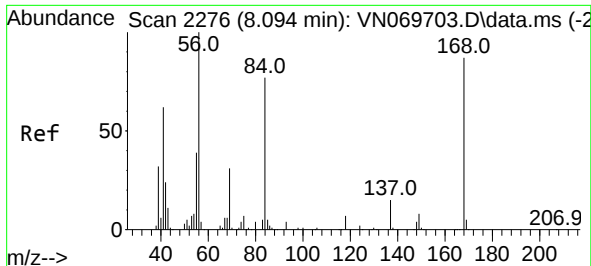
Lab File: VN070302.D

Acq: 22 Dec 2021 20:42

Tgt Ion: 83 Resp: 1022936

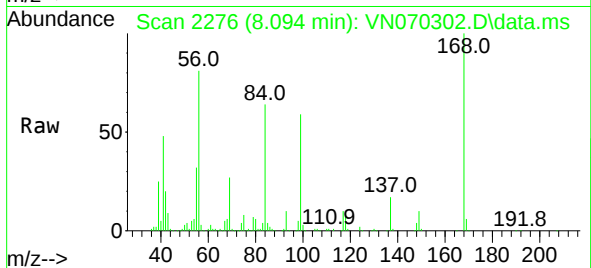
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.9	77.9





#31
Cyclohexane
Concen: 35.867 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

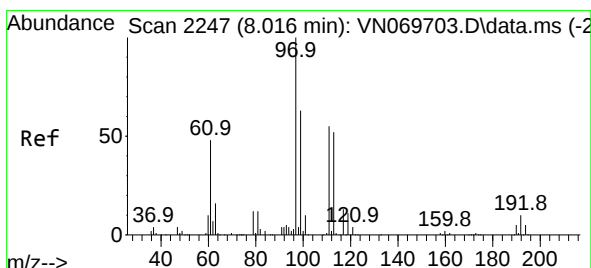
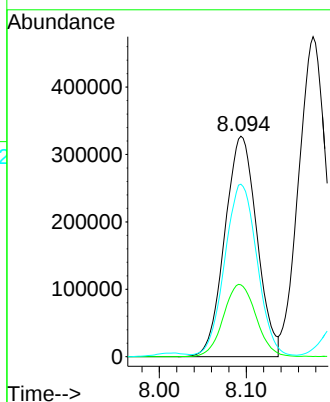
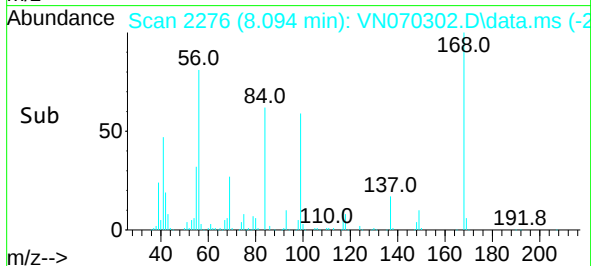
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



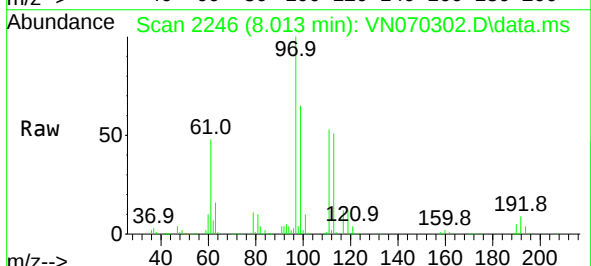
Tgt Ion: 56 Resp: 83962
Ion Ratio Lower Upper
56 100
69 32.6 27.1 40.7
84 76.7 73.4 110.0

Manual Integrations
APPROVED

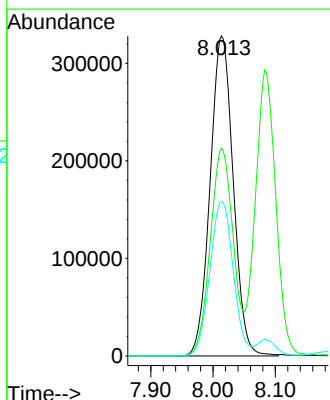
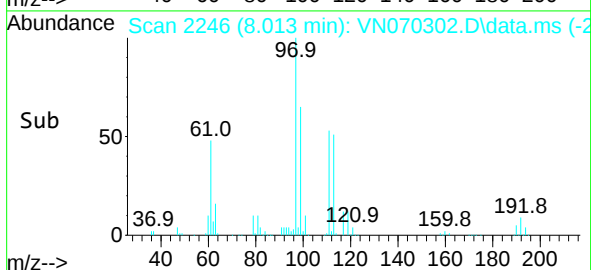
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

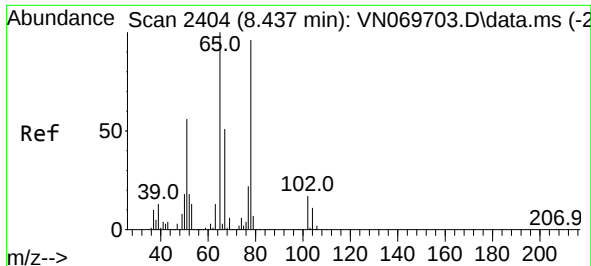


#32
1,1,1-Trichloroethane
Concen: 41.482 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



Tgt Ion: 97 Resp: 844915
Ion Ratio Lower Upper
97 100
99 64.8 50.1 75.1
61 49.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 39.232 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070302.D

Acq: 22 Dec 2021 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 659944

Ion Ratio Lower Upper

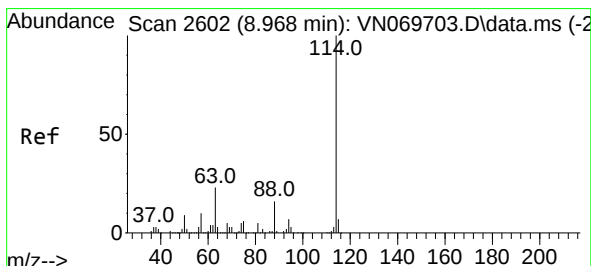
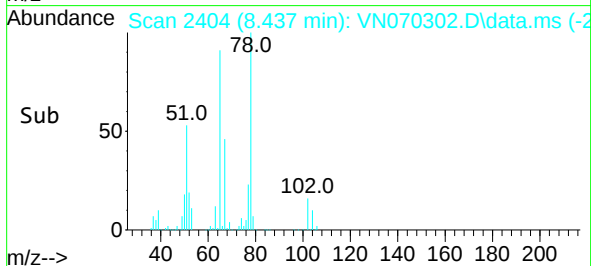
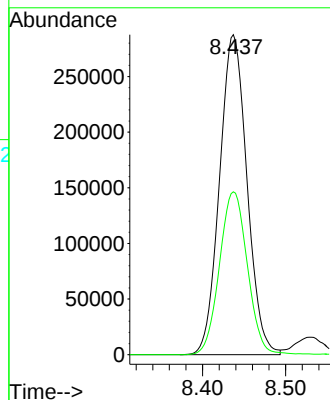
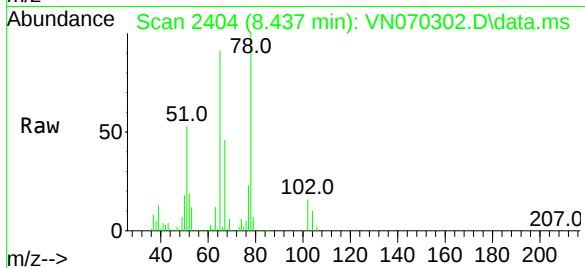
65 100

67 51.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070302.D

Acq: 22 Dec 2021 20:42

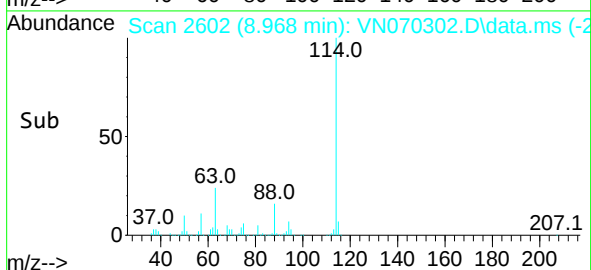
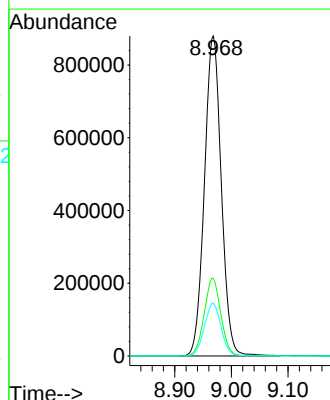
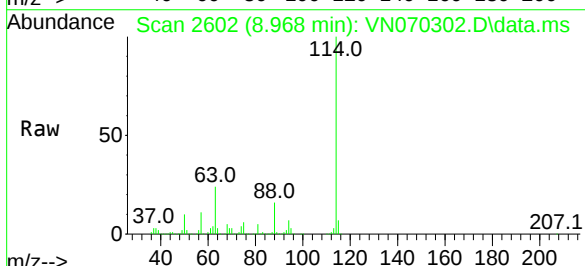
Tgt Ion:114 Resp: 1819782

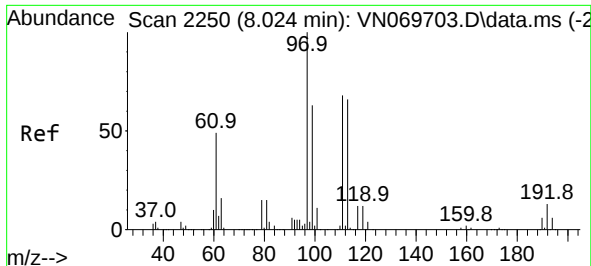
Ion Ratio Lower Upper

114 100

63 24.2 0.0 37.8

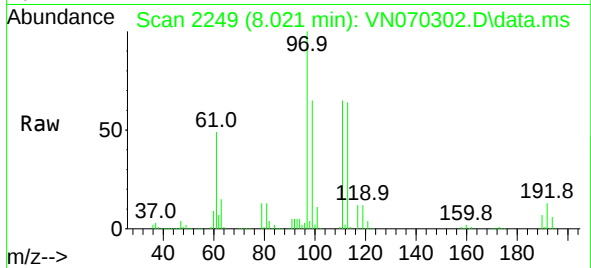
88 16.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 40.732 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

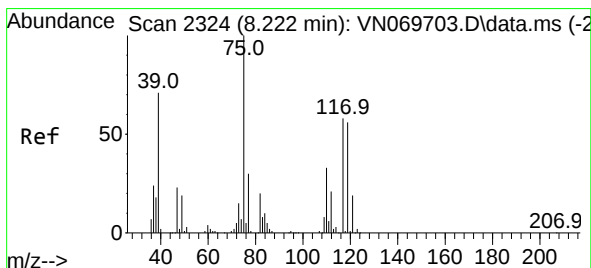
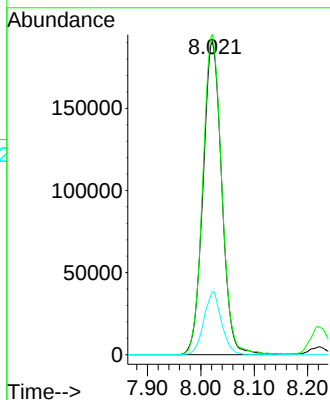
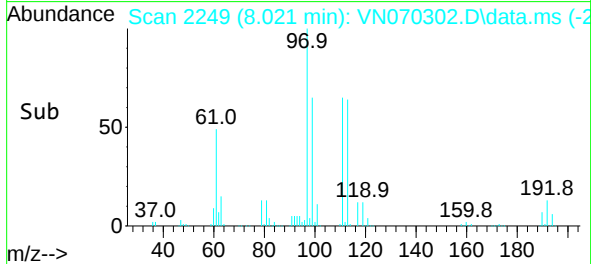
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 464294
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.0 16.9 25.3

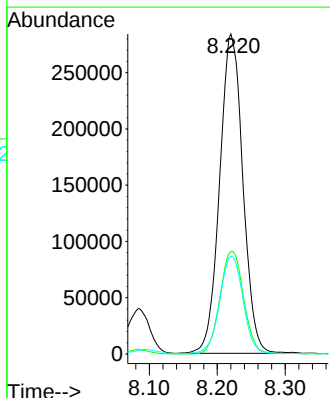
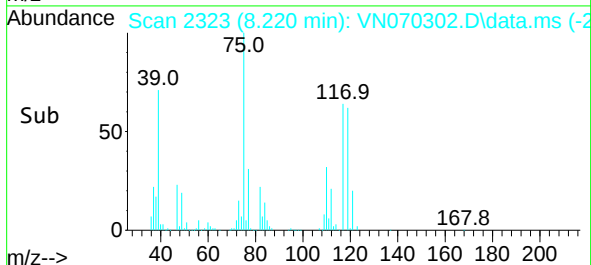
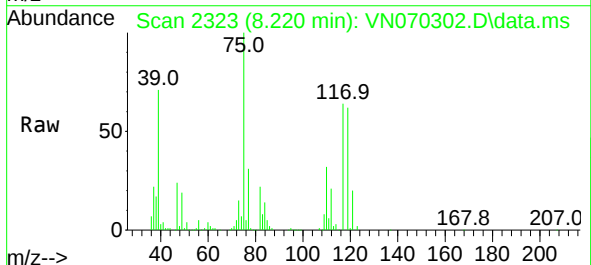
Manual Integrations
APPROVED

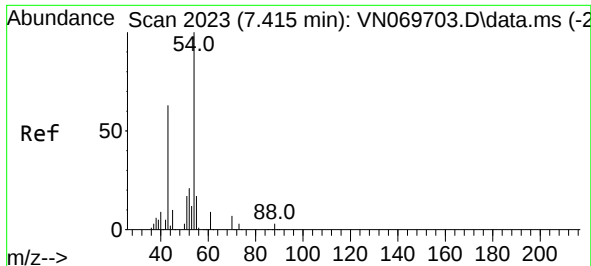
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#36
1,1-Dichloropropene
Concen: 38.793 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

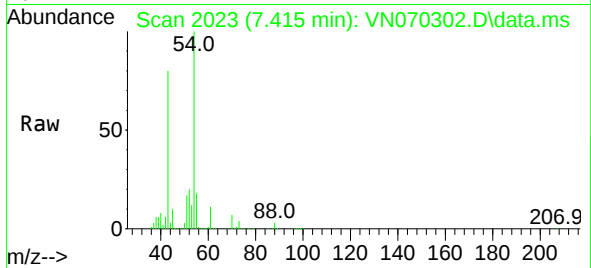
Tgt Ion: 75 Resp: 672038
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 40.974 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

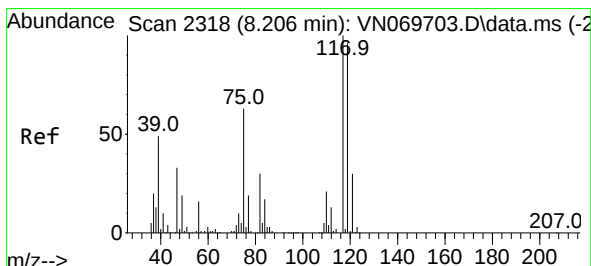
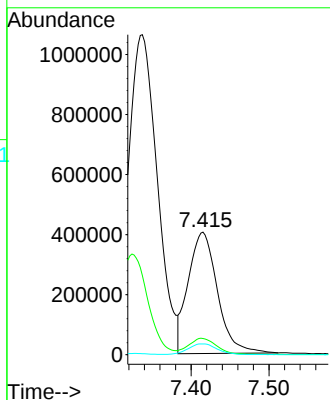
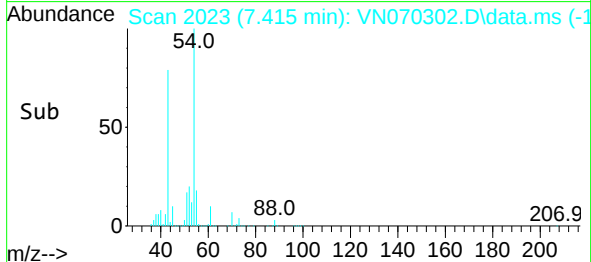
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 105647
Ion Ratio Lower Upper
43 100
61 13.0 11.5 17.3
70 8.6 7.9 11.9

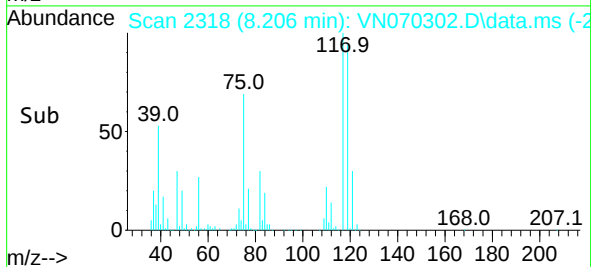
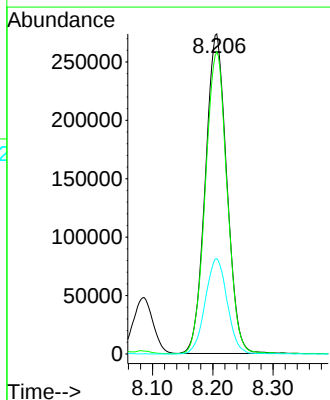
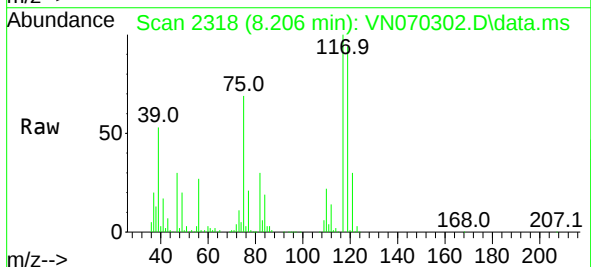
Manual Integrations
APPROVED

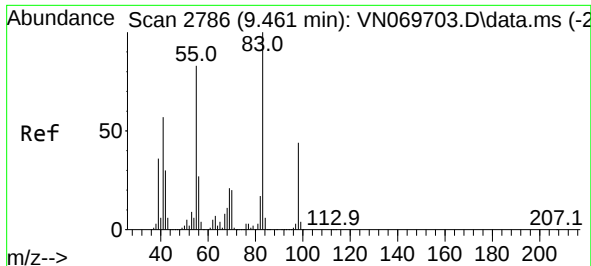
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#38
Carbon Tetrachloride
Concen: 39.768 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

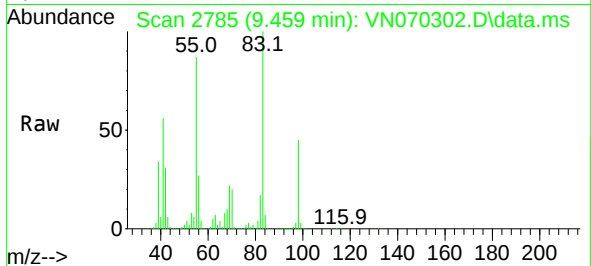
Tgt Ion:117 Resp: 675585
Ion Ratio Lower Upper
117 100
119 94.4 76.1 114.1
121 29.8 24.2 36.2





#39
Methylcyclohexane
Concen: 37.118 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

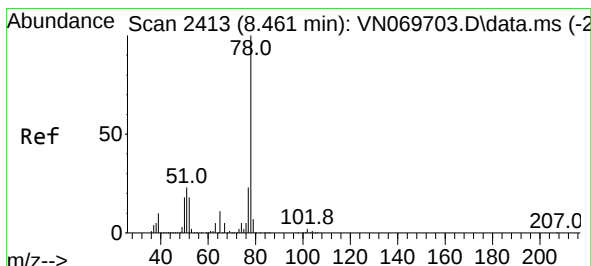
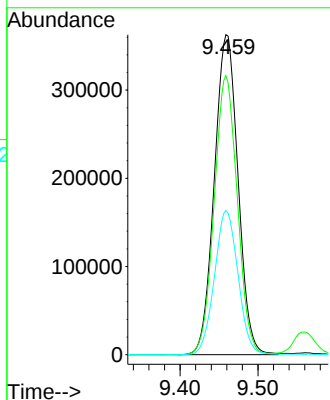
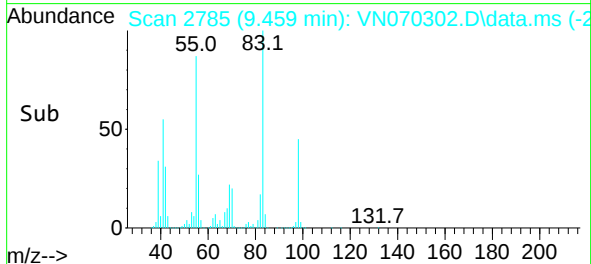
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



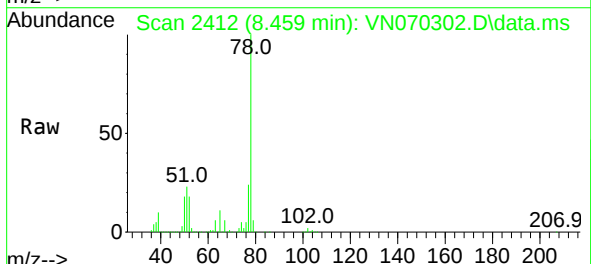
Tgt Ion: 83 Resp: 76486
Ion Ratio Lower Upper
83 100
55 87.2 58.1 87.1
98 45.0 38.4 57.6

Manual Integrations
APPROVED

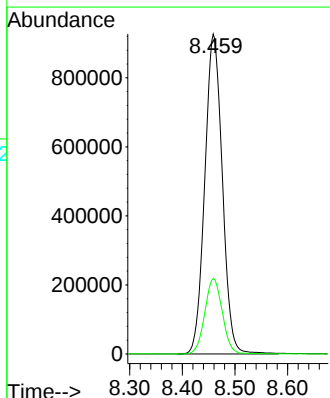
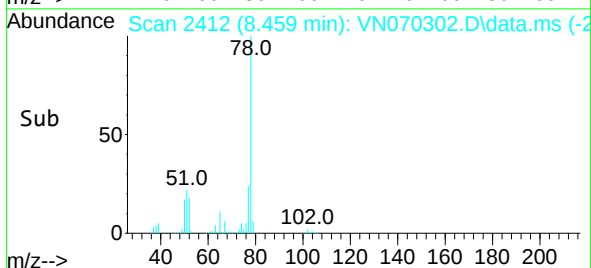
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

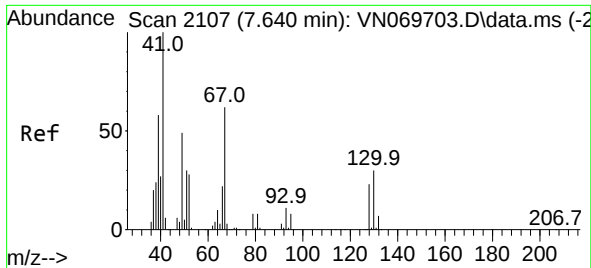


#40
Benzene
Concen: 40.534 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



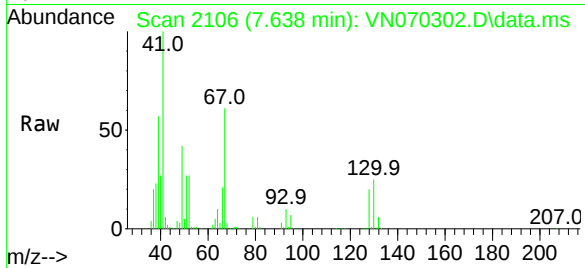
Tgt Ion: 78 Resp: 2146375
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8





#41
Methacrylonitrile
Concen: 47.316 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

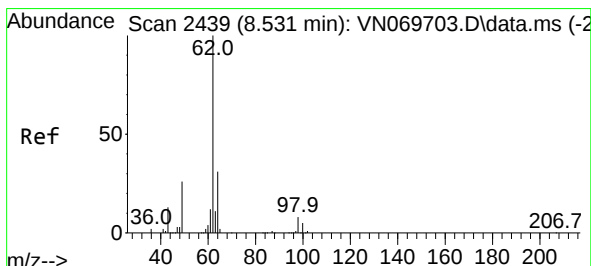
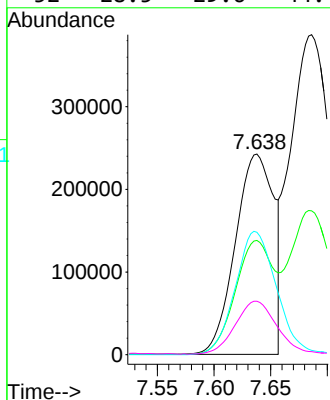
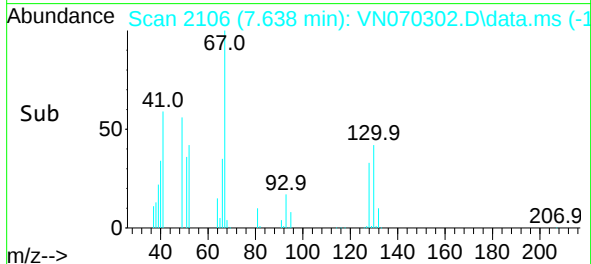
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 57270
Ion Ratio Lower Upper
41 100
39 56.0 48.1 72.1
67 66.5 68.3 102.5
52 28.5 29.6 44.4#

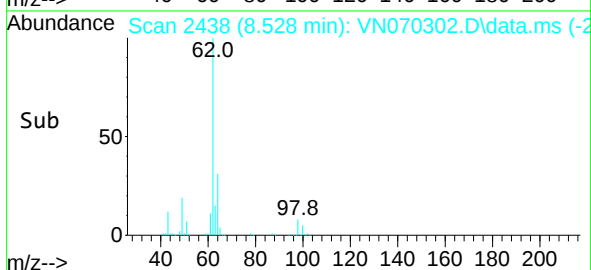
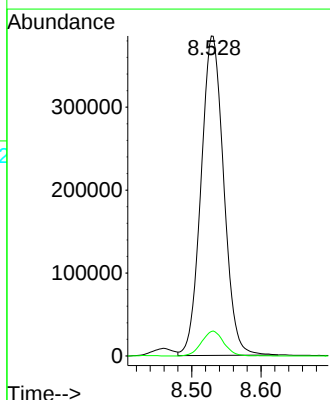
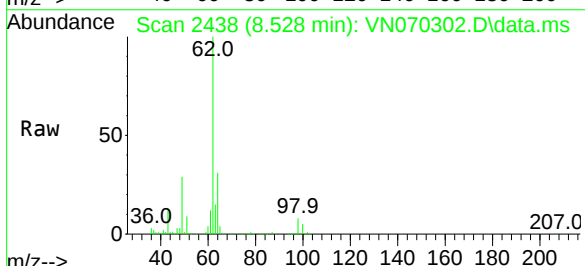
Manual Integrations
APPROVED

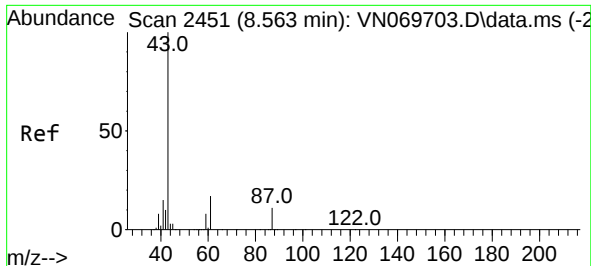
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#42
1,2-Dichloroethane
Concen: 41.001 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

Tgt Ion: 62 Resp: 876429
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





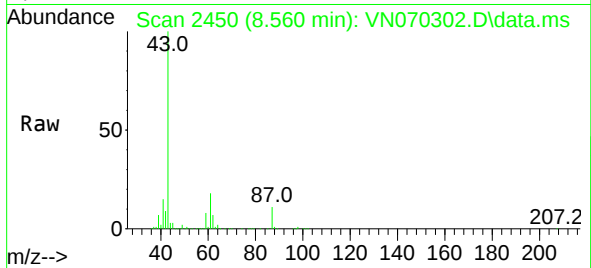
#43
Isopropyl Acetate
Concen: 44.202 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

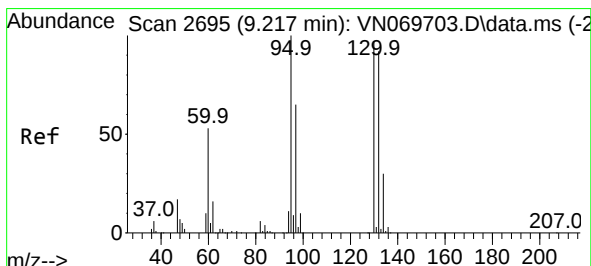
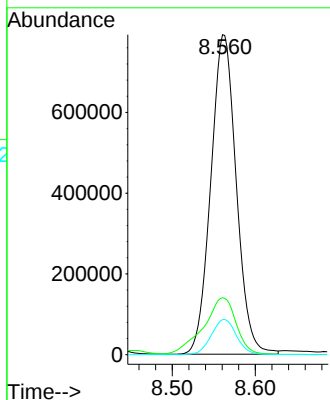
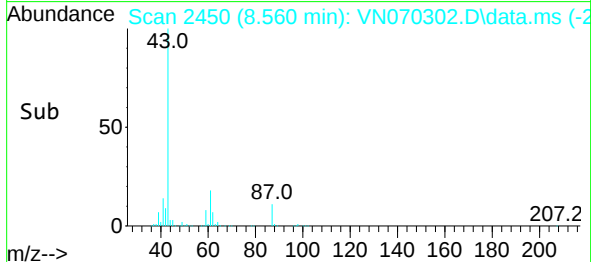


Tgt Ion: 43 Resp: 168660
Ion Ratio Lower Upper
43 100
61 22.9 20.4 30.6
87 11.0 11.2 16.8

Manual Integrations

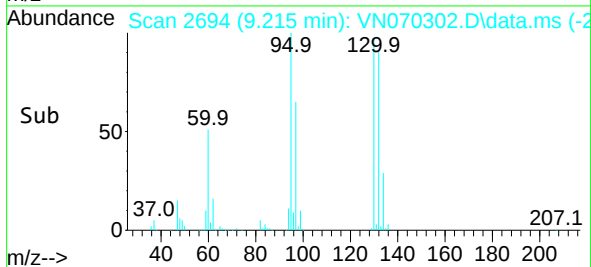
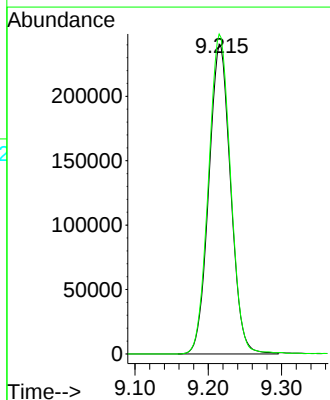
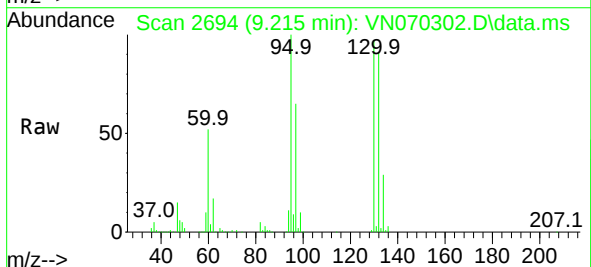
APPROVED

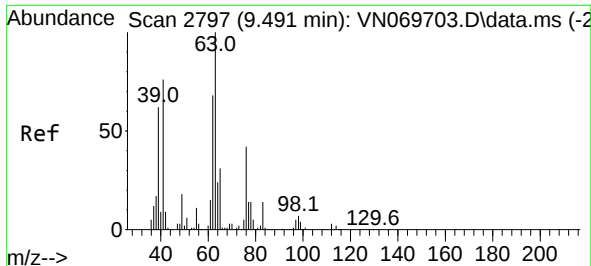
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#44
Trichloroethene
Concen: 39.257 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

Tgt Ion:130 Resp: 496153
Ion Ratio Lower Upper
130 100
95 103.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 43.816 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN070302.D

Acq: 22 Dec 2021 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 62304

Ion Ratio Lower Upper

63 100

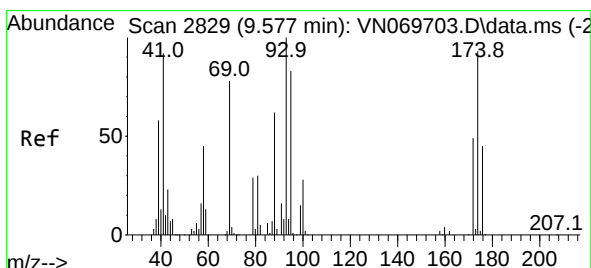
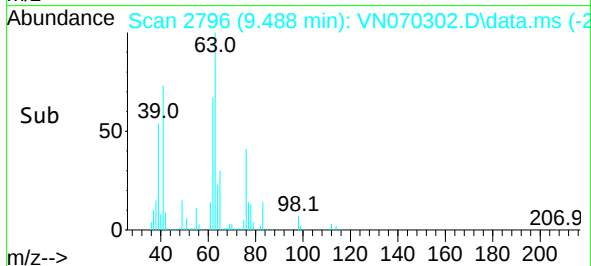
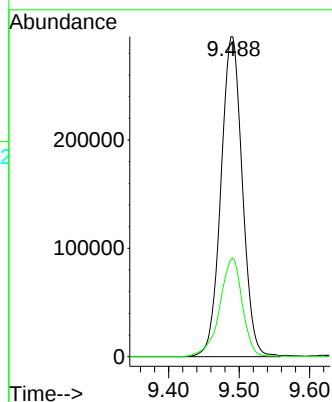
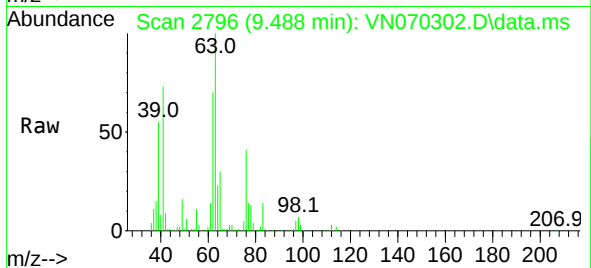
65 30.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/23/2021

Supervised By :Semsettin Yesilyurt 12/23/2021



#46

Dibromomethane

Concen: 41.035 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070302.D

Acq: 22 Dec 2021 20:42

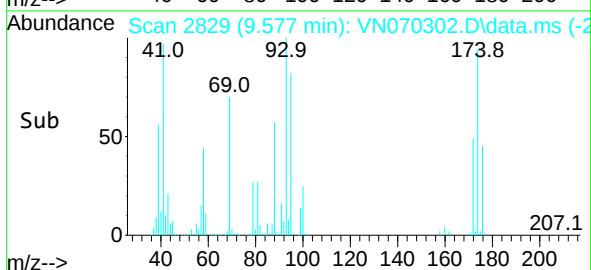
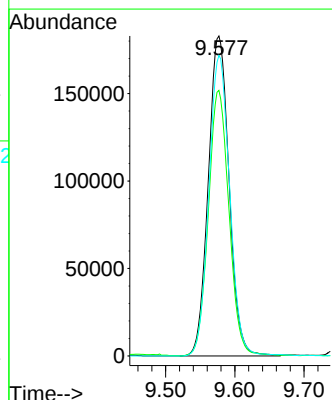
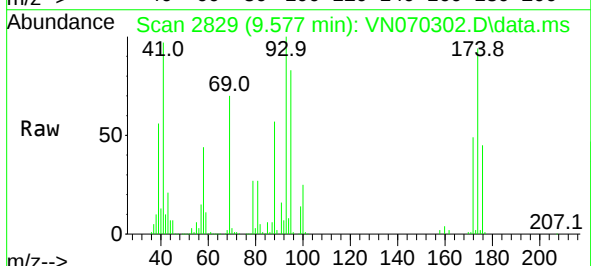
Tgt Ion: 93 Resp: 382678

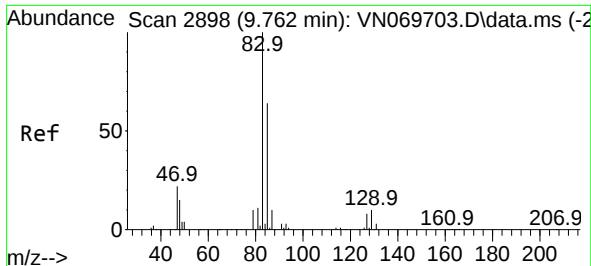
Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

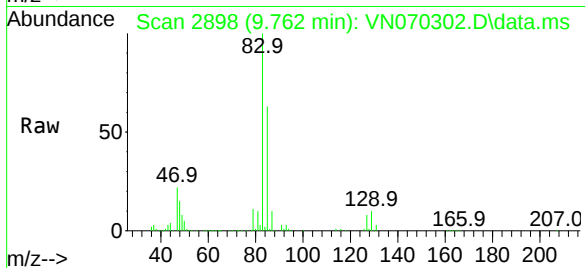
174 93.6 84.6 127.0





#47
Bromodichloromethane
Concen: 45.149 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

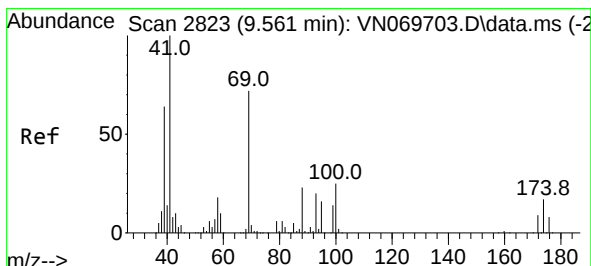
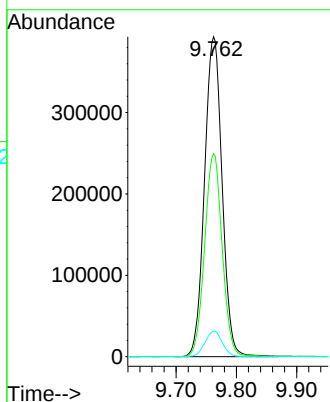
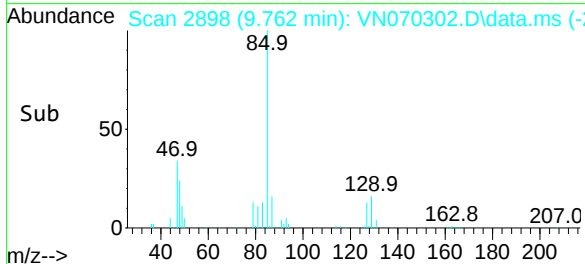
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



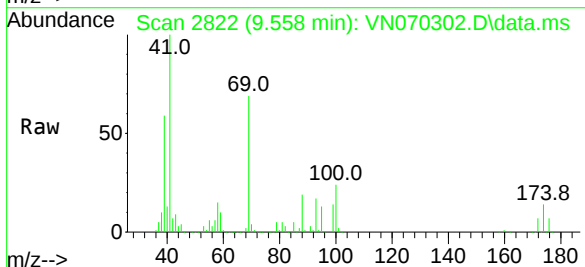
Tgt Ion: 83 Resp: 79719
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3
127 8.0 7.1 10.7

Manual Integrations
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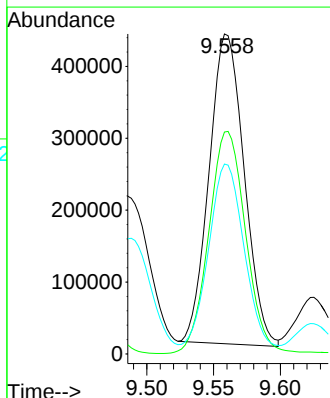
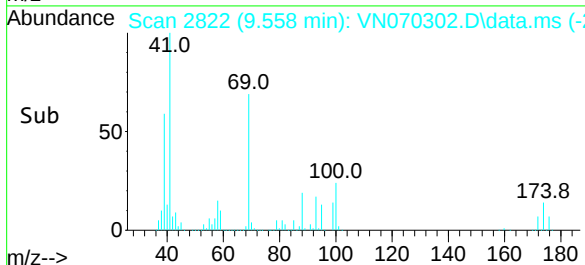
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

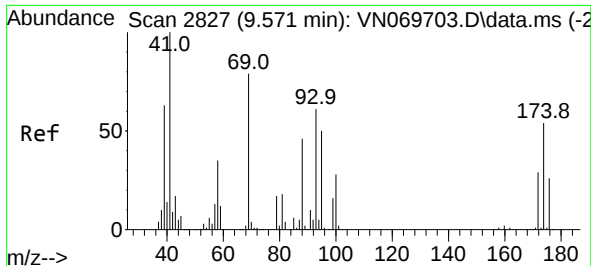


#48
Methyl methacrylate
Concen: 44.233 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



Tgt Ion: 41 Resp: 787654
Ion Ratio Lower Upper
41 100
69 75.8 72.4 108.6
39 63.4 58.4 87.6





#49

1,4-Dioxane

Concen: 810.033 ug/l

RT: 9.569 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN070302.D

Acq: 22 Dec 2021 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 25881

Ion Ratio Lower Upper

88 100

43 36.9 23.4 35.2

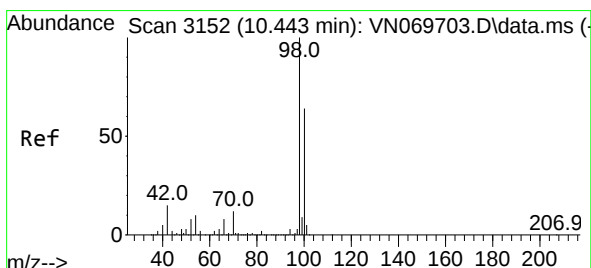
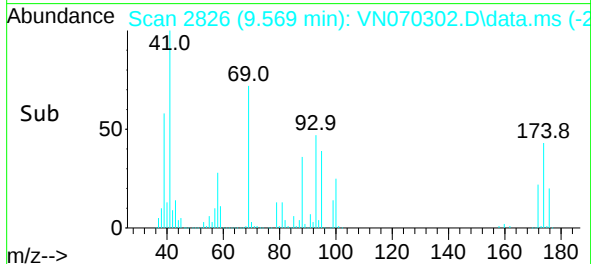
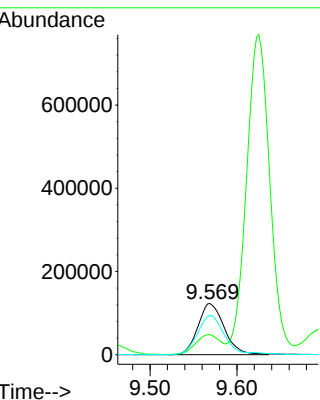
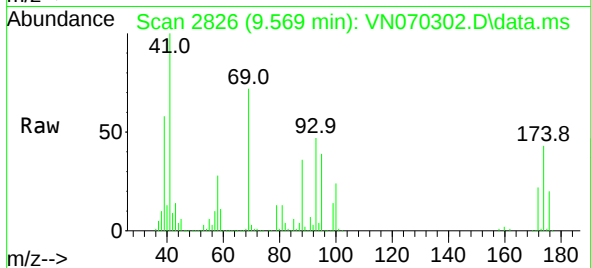
58 76.4 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/23/2021

Supervised By :Semsettin Yesilyurt 12/23/2021



#50

Toluene-d8

Concen: 38.854 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.002 min

Lab File: VN070302.D

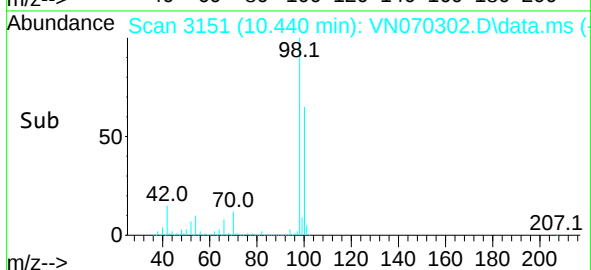
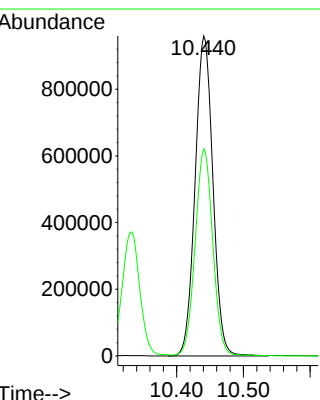
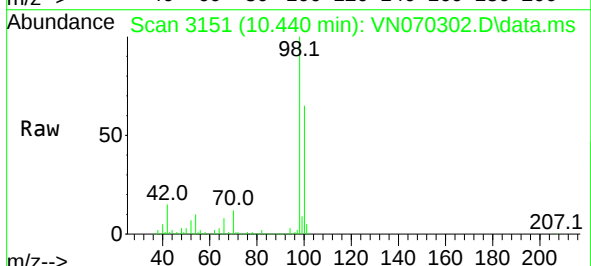
Acq: 22 Dec 2021 20:42

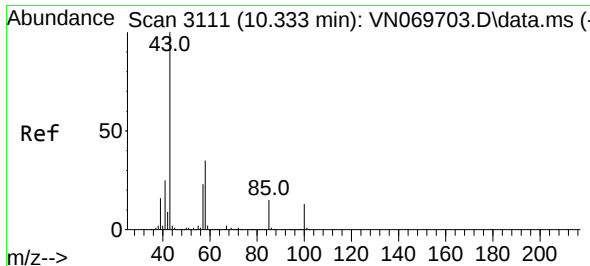
Tgt Ion: 98 Resp: 1778315

Ion Ratio Lower Upper

98 100

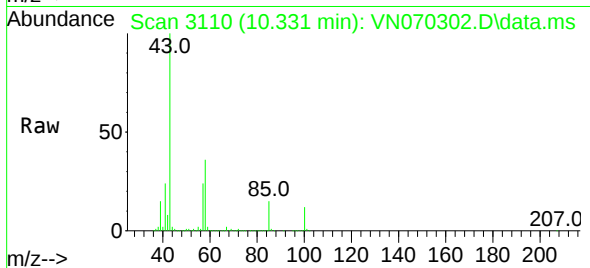
100 64.2 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 230.950 ug/l
RT: 10.331 min Scan# 3111
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

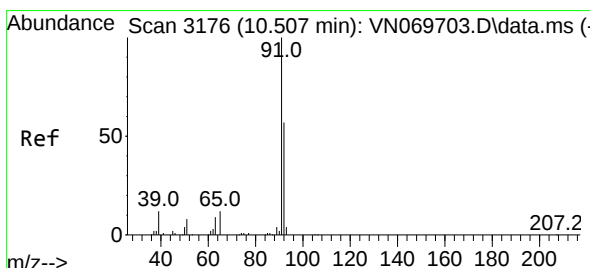
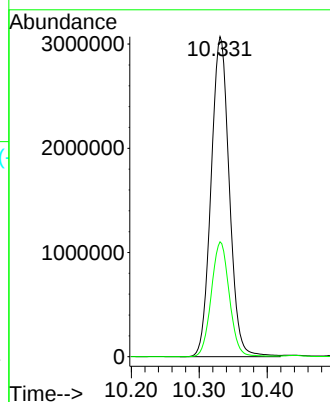
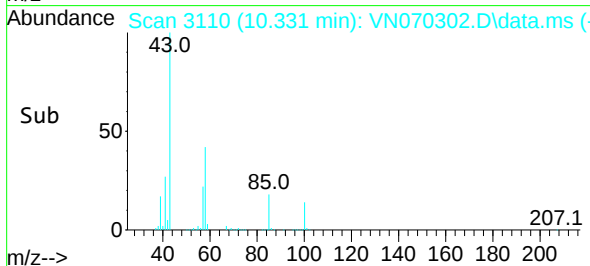
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 5716738
Ion Ratio Lower Upper
43 100
58 35.6 30.4 45.6

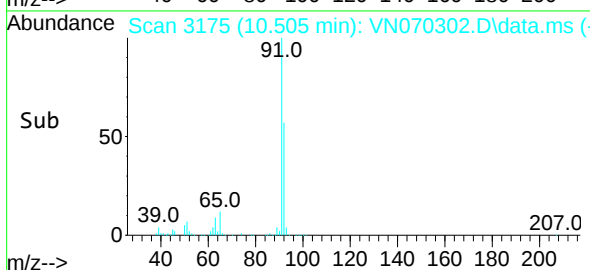
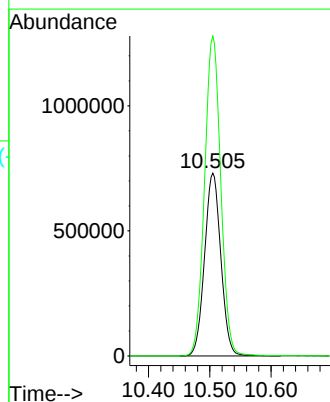
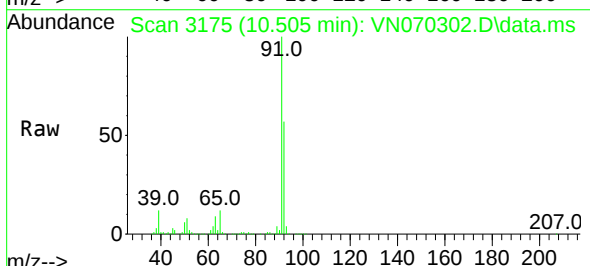
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#52
Toluene
Concen: 41.766 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

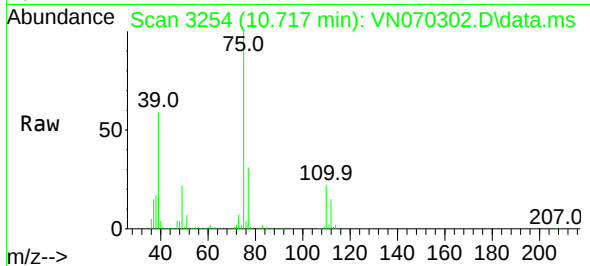
Tgt Ion: 92 Resp: 1350215
Ion Ratio Lower Upper
92 100
91 174.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 41.062 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

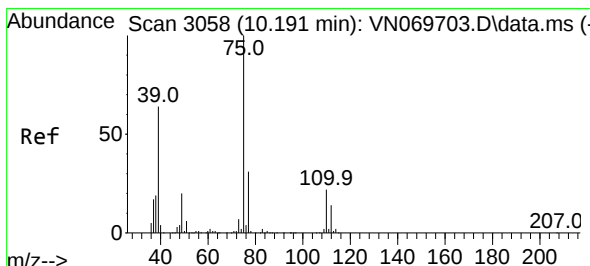
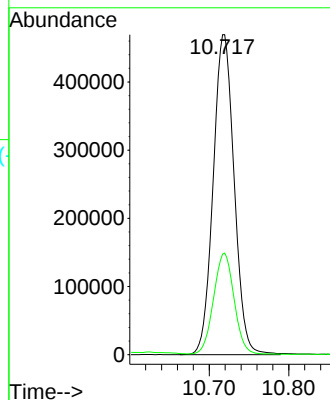
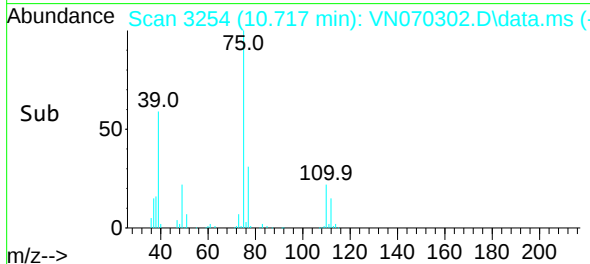
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



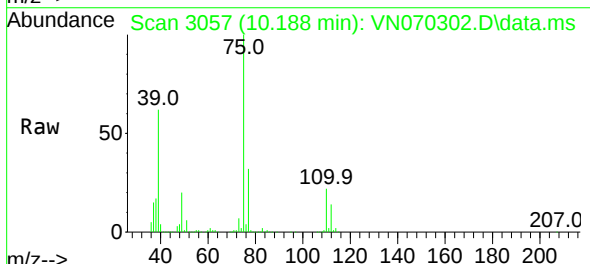
Tgt Ion: 75 Resp: 860902
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

Manual Integrations
APPROVED

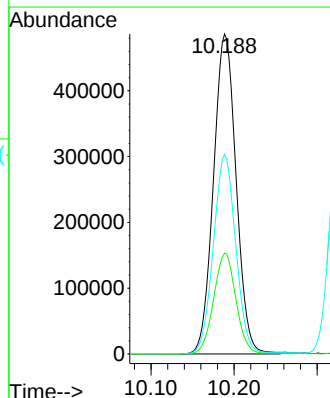
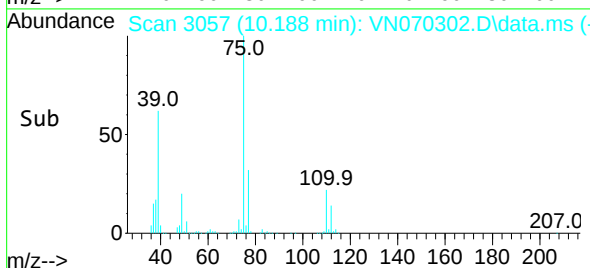
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

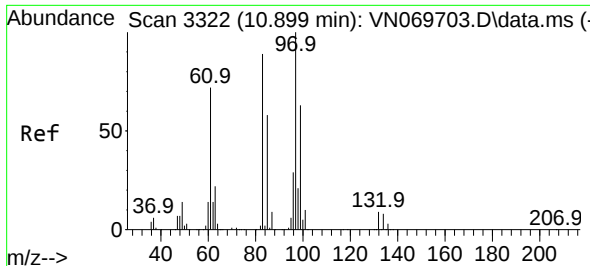


#54
cis-1,3-Dichloropropene
Concen: 41.666 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



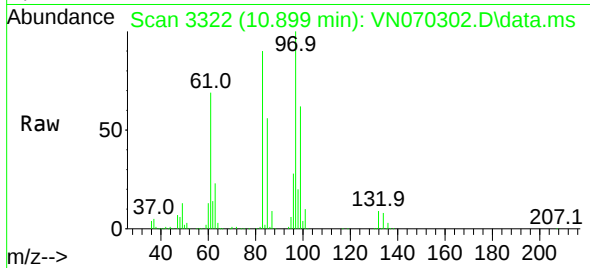
Tgt Ion: 75 Resp: 921032
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
39 62.3 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 44.341 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

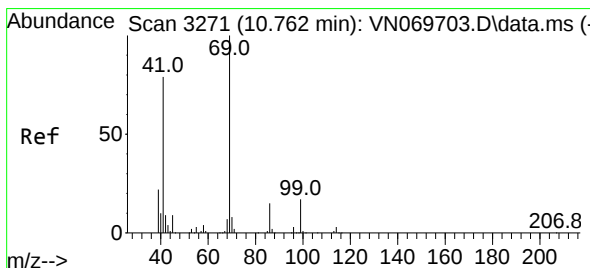
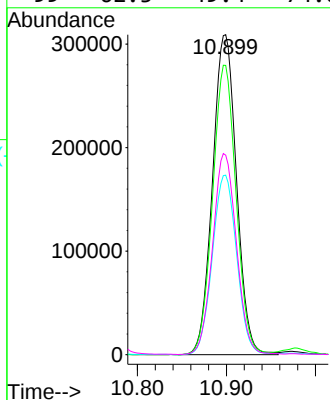
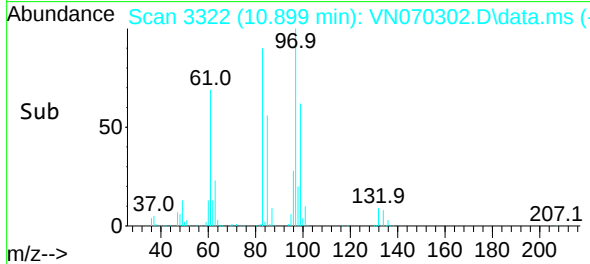
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



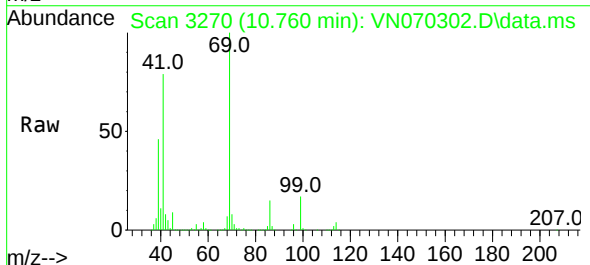
Tgt Ion: 97 Resp: 578374
Ion Ratio Lower Upper
97 100
83 90.4 67.8 101.6
85 56.1 45.4 68.2
99 62.3 49.4 74.0

Manual Integrations
APPROVED

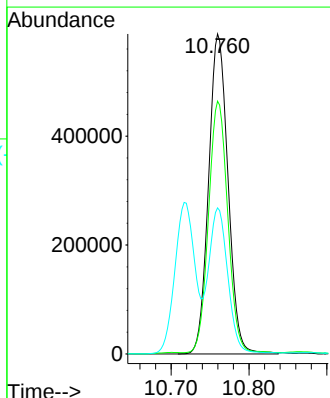
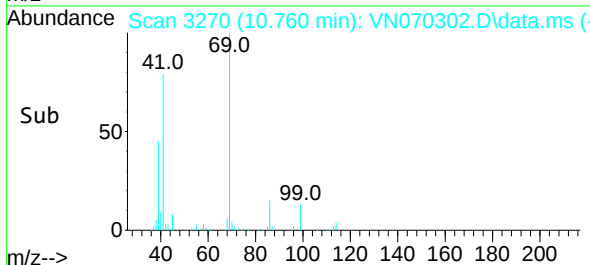
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

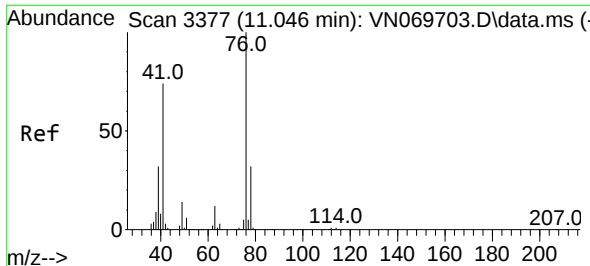


#56
Ethyl methacrylate
Concen: 41.716 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



Tgt Ion: 69 Resp: 1016948
Ion Ratio Lower Upper
69 100
41 77.8 51.4 77.0#
39 43.5 34.6 52.0





#57

1,3-Dichloropropane

Concen: 43.876 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.002 min

Lab File: VN070302.D

Acq: 22 Dec 2021 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 1007704

Ion Ratio Lower Upper

76 100

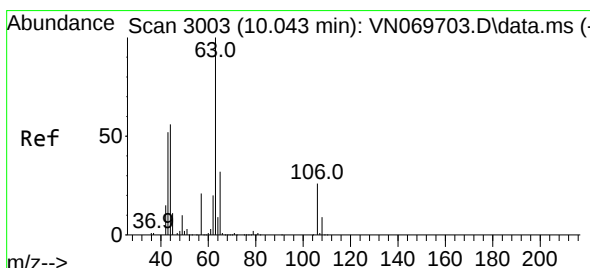
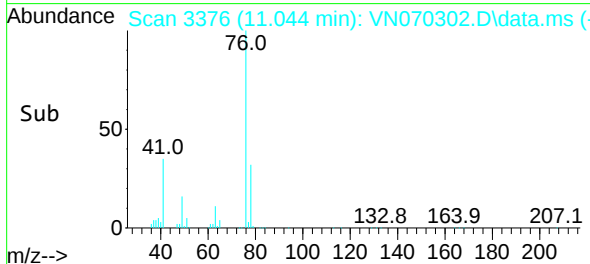
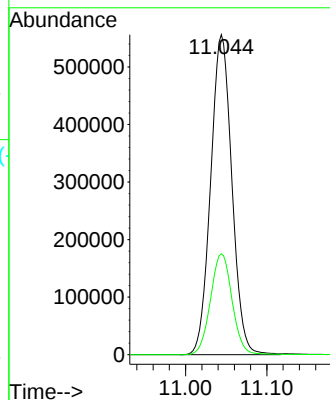
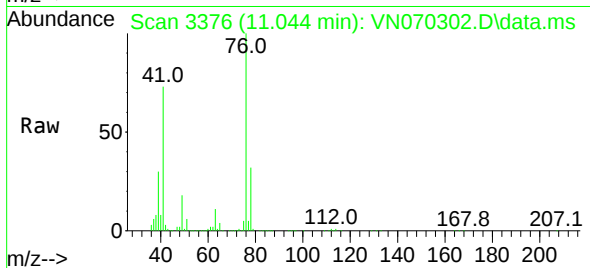
78 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/23/2021

Supervised By :Semsettin Yesilyurt 12/23/2021



#58

2-Chloroethyl Vinyl ether

Concen: 220.424 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070302.D

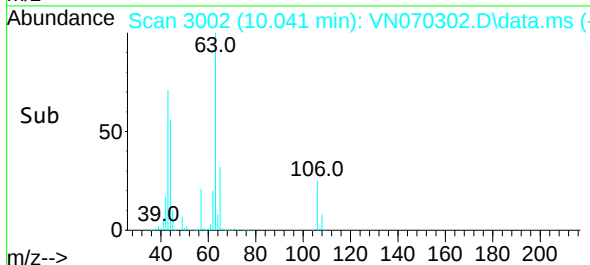
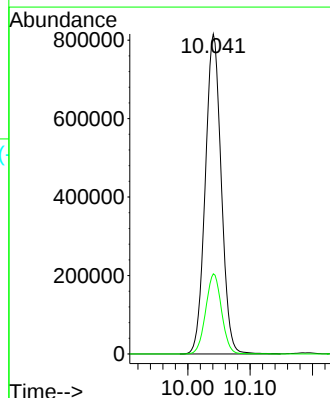
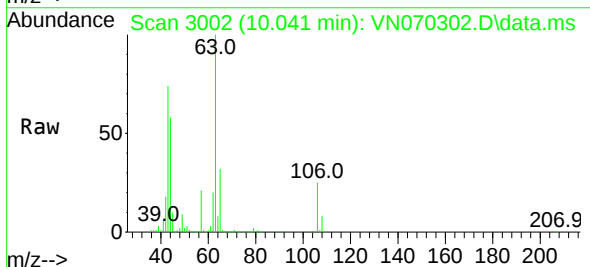
Acq: 22 Dec 2021 20:42

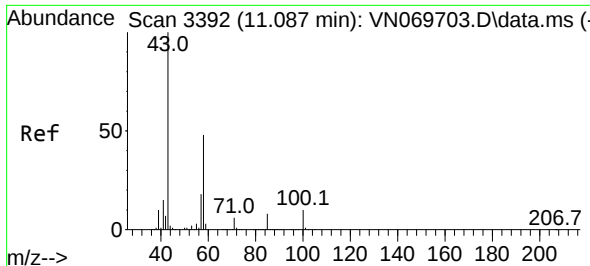
Tgt Ion: 63 Resp: 1449386

Ion Ratio Lower Upper

63 100

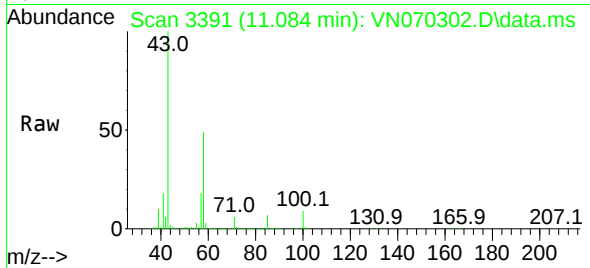
106 24.9 23.9 35.9





#59
2-Hexanone
Concen: 221.552 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

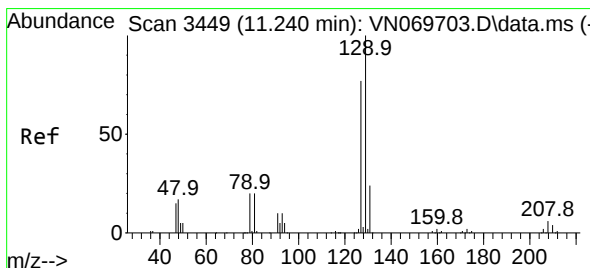
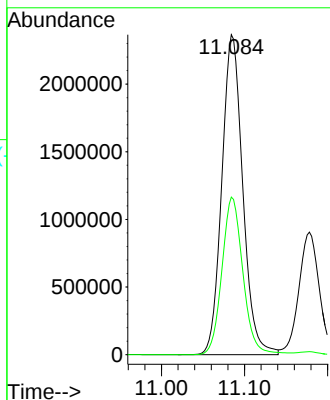
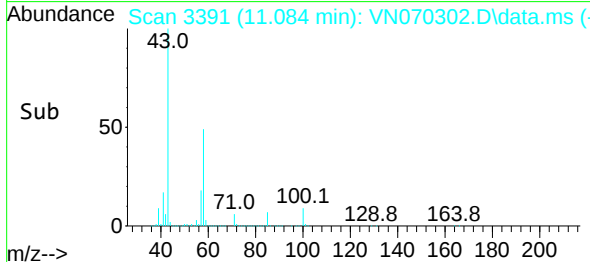
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 4148560
Ion Ratio Lower Upper
43 100
58 49.4 26.9 80.7

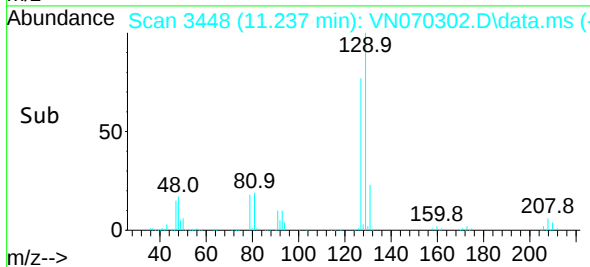
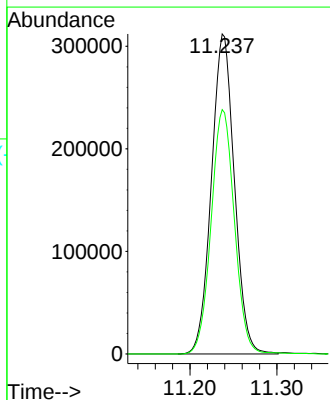
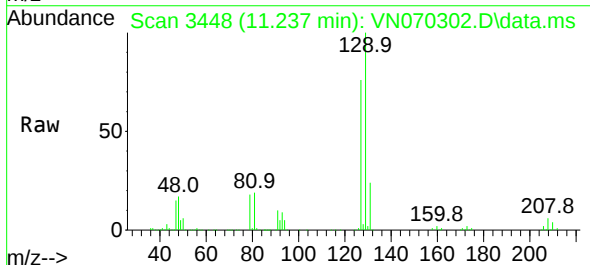
Manual Integrations
APPROVED

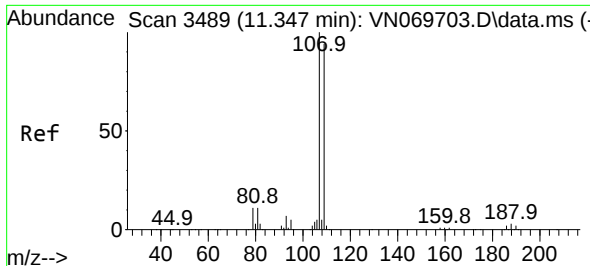
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#60
Dibromochloromethane
Concen: 41.399 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

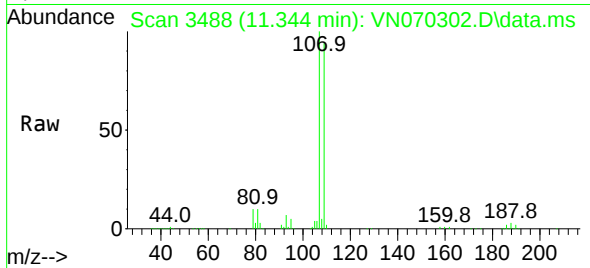
Tgt Ion:129 Resp: 572590
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 42.888 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

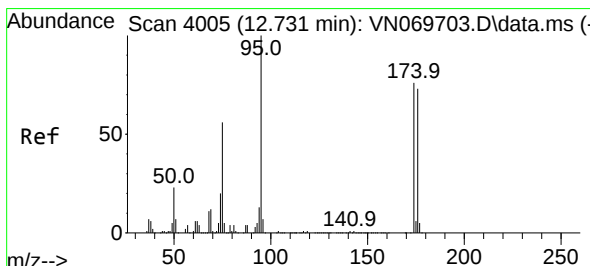
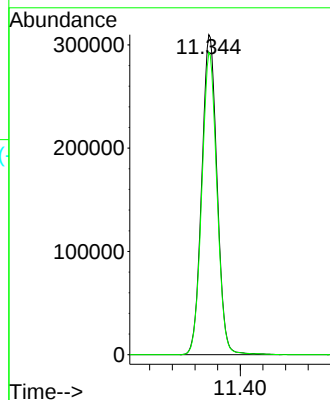
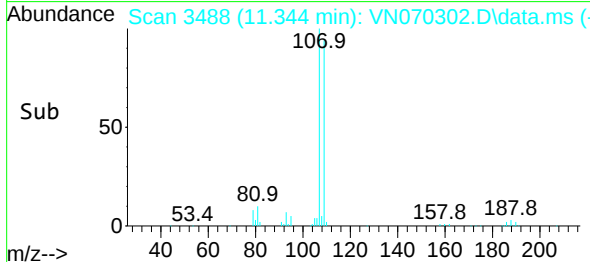
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 57942
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5

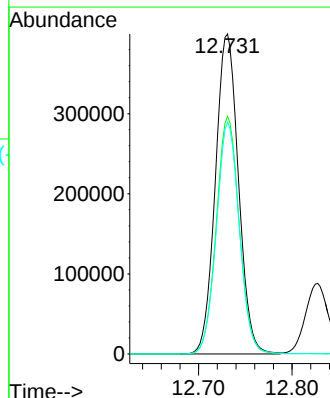
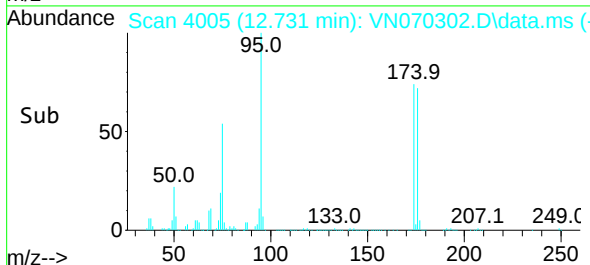
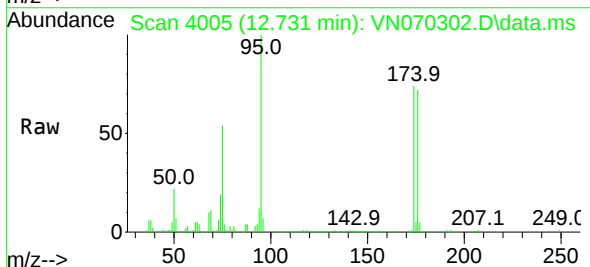
Manual Integrations
APPROVED

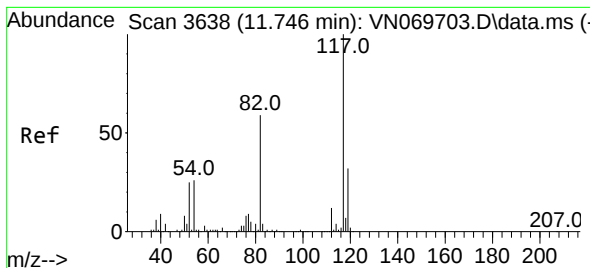
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#62
4-Bromofluorobenzene
Concen: 41.419 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

Tgt Ion: 95 Resp: 686789
Ion Ratio Lower Upper
95 100
174 73.8 0.0 187.2
176 71.9 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: VN070302.D

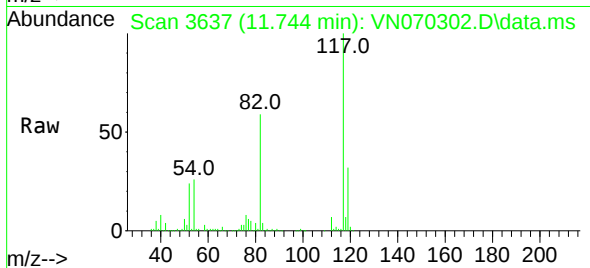
Acq: 22 Dec 2021 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC



Tgt Ion:117 Resp: 173054

Ion Ratio Lower Upper

117 100

82 59.4 42.4 63.6

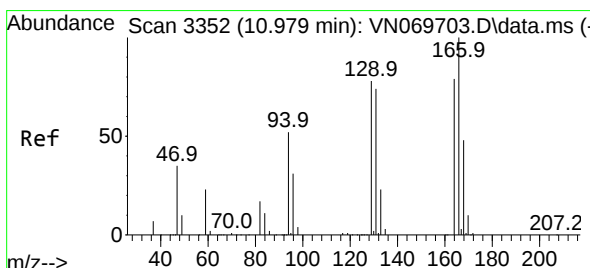
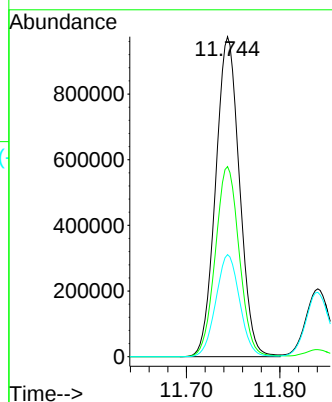
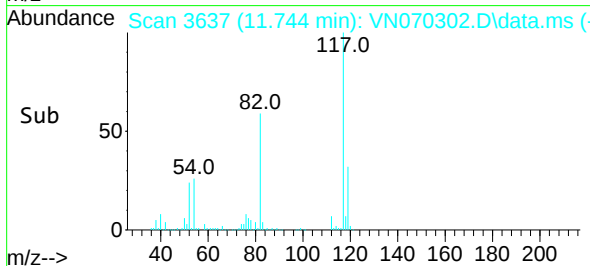
119 31.9 25.4 38.2

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Reviewed By :Mahesh Dadoda 12/23/2021

Supervised By :Semsettin Yesilyurt 12/23/2021



#64

Tetrachloroethene

Concen: 37.589 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN070302.D

Acq: 22 Dec 2021 20:42

Tgt Ion:164 Resp: 441074

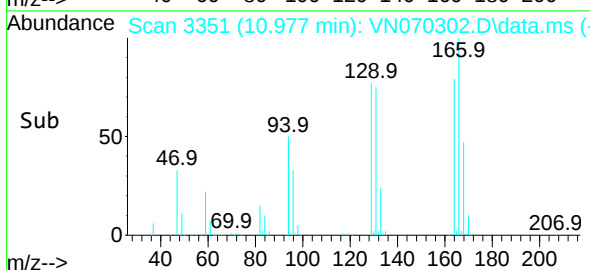
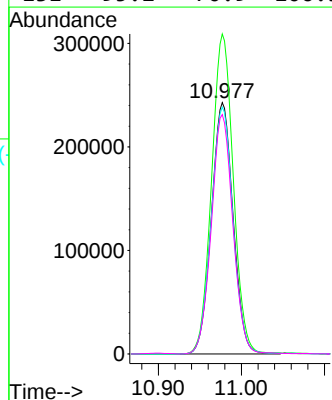
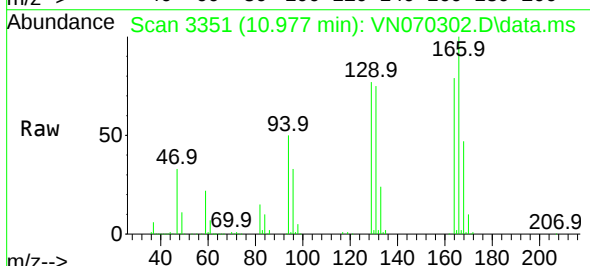
Ion Ratio Lower Upper

164 100

166 127.3 101.9 152.9

129 98.2 72.0 108.0

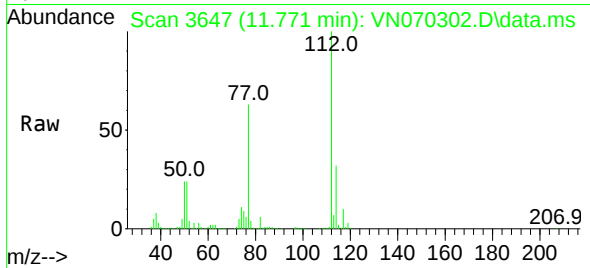
131 95.2 70.9 106.3





#65
Chlorobenzene
Concen: 41.760 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

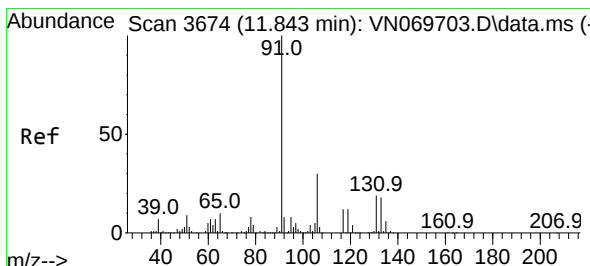
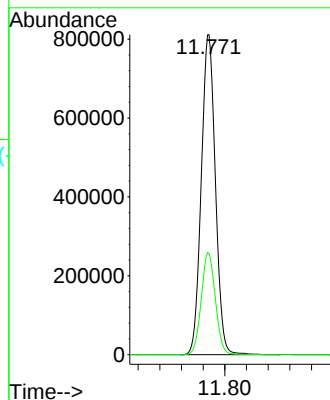
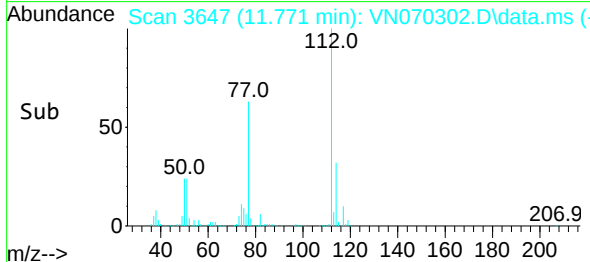
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



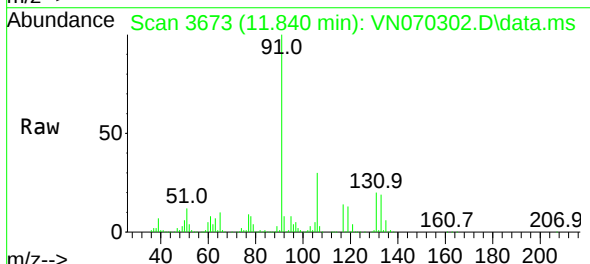
Tgt Ion:112 Resp: 146608
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

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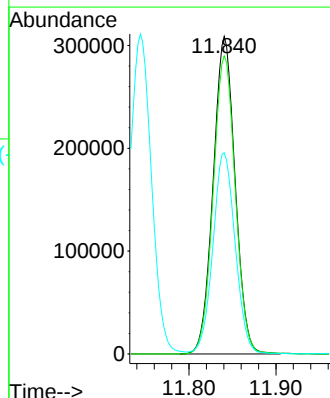
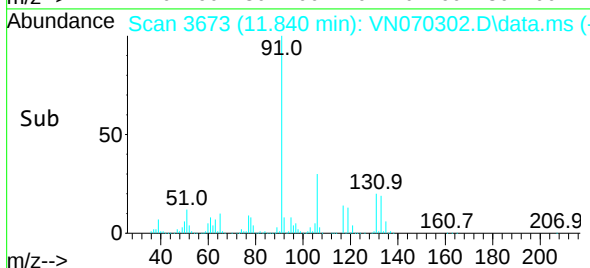
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

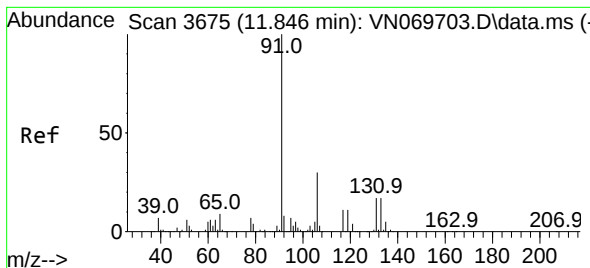


#66
1,1,1,2-Tetrachloroethane
Concen: 43.790 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



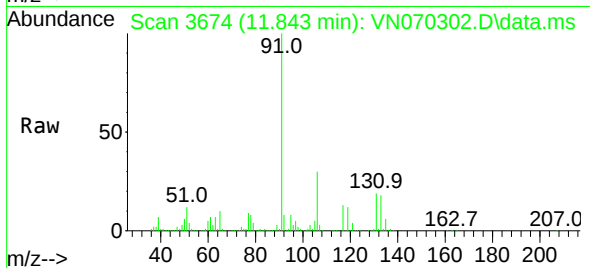
Tgt Ion:131 Resp: 541100
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.7
119 64.4 32.1 96.5





#67
Ethyl Benzene
Concen: 42.320 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

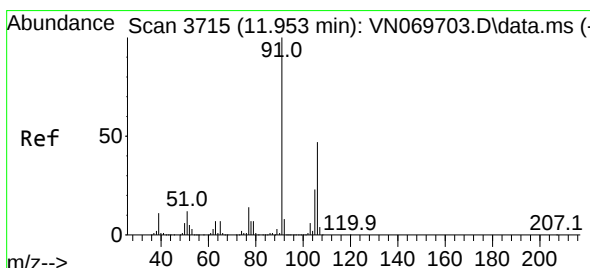
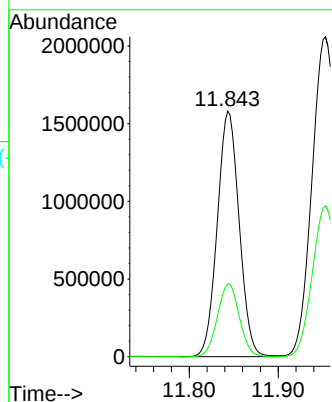
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 269886
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5

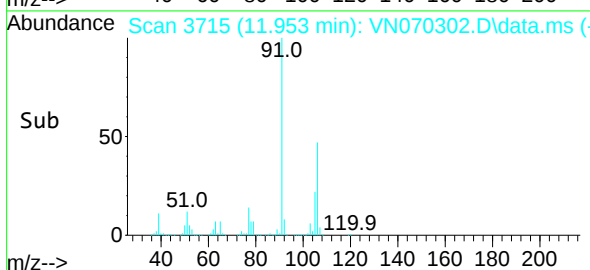
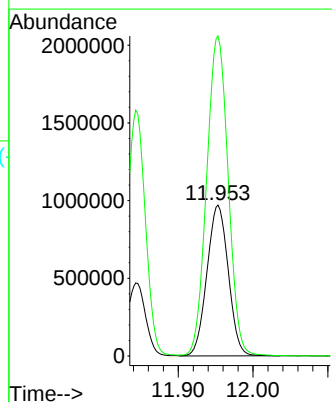
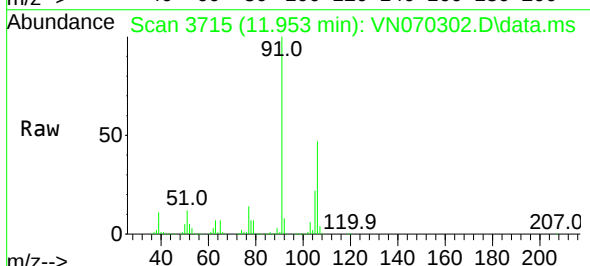
Manual Integrations
APPROVED

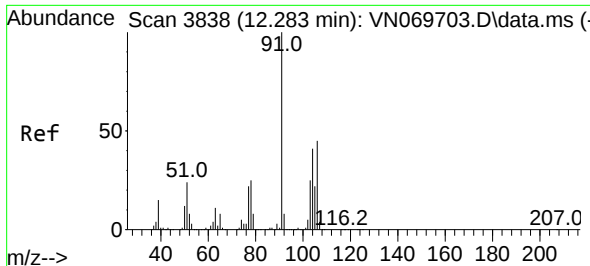
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#68
m/p-Xylenes
Concen: 82.930 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

Tgt Ion:106 Resp: 1925624
Ion Ratio Lower Upper
106 100
91 214.5 160.6 240.8





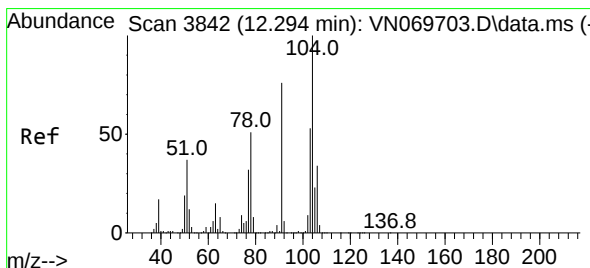
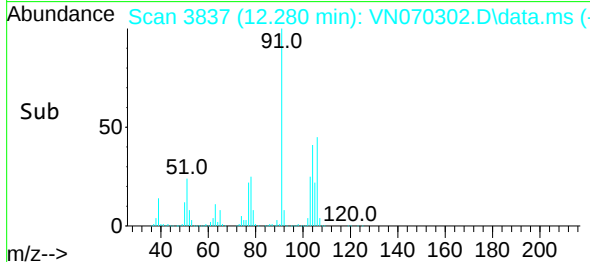
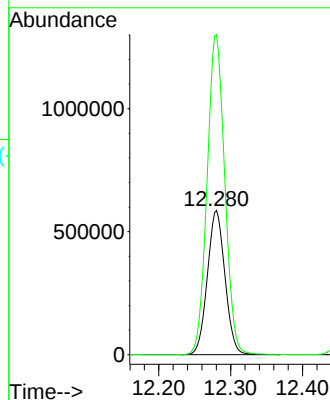
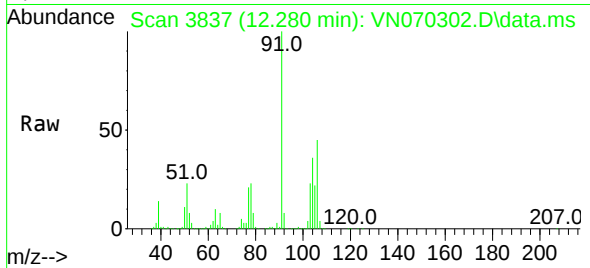
#69
o-Xylene
Concen: 42.716 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 999084
Ion Ratio Lower Upper
106 100
91 223.2 105.8 317.3

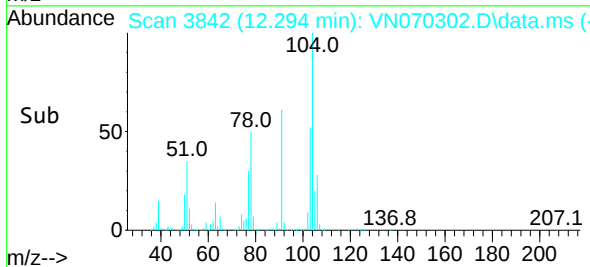
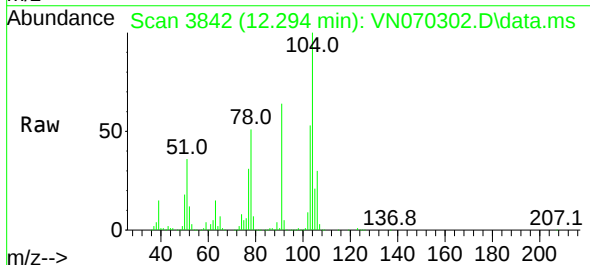
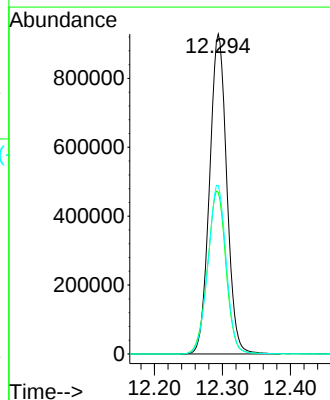
Manual Integrations
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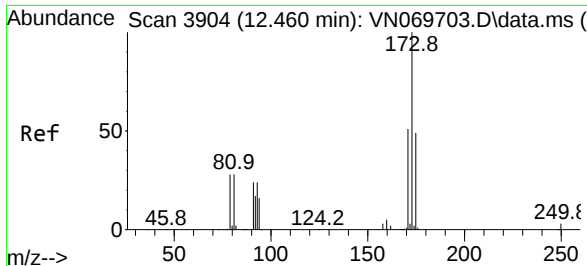
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#70
Styrene
Concen: 44.145 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

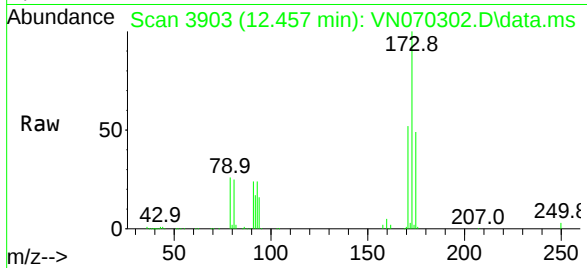
Tgt Ion:104 Resp: 1637241
Ion Ratio Lower Upper
104 100
78 54.8 38.7 58.1
103 56.0 45.0 67.6





#71
Bromoform
Concen: 41.184 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

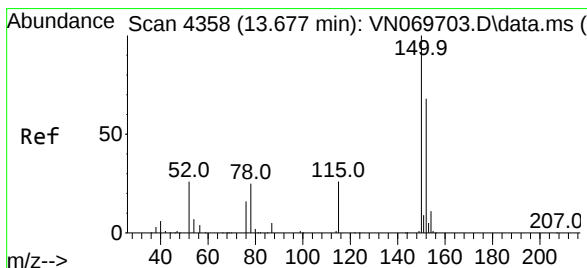
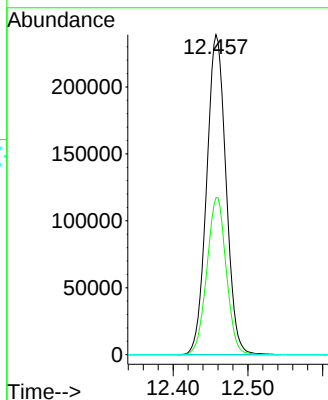
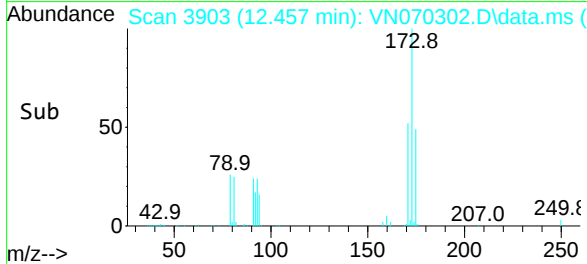
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



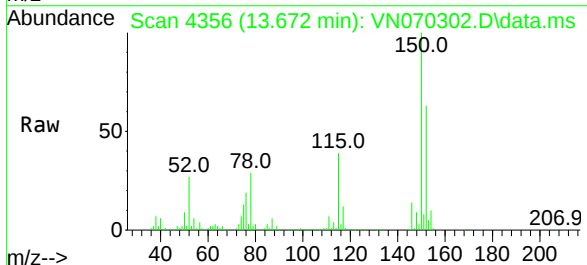
Tgt Ion:173 Resp: 429884
Ion Ratio Lower Upper
173 100
175 49.1 24.2 72.6
254 0.0 0.0 0.0

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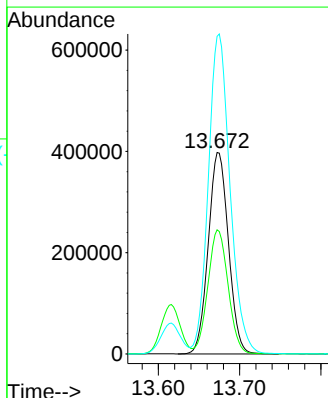
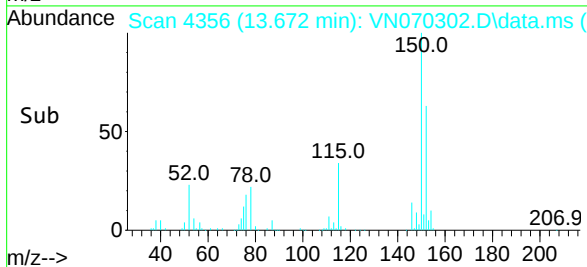
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

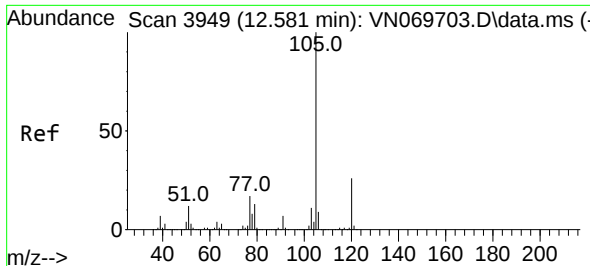


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



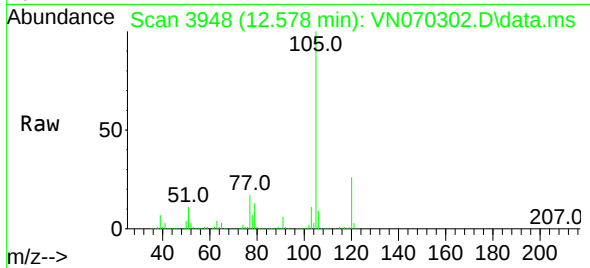
Tgt Ion:152 Resp: 686825
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 170.9 0.0 344.4





#73
Isopropylbenzene
Concen: 43.584 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

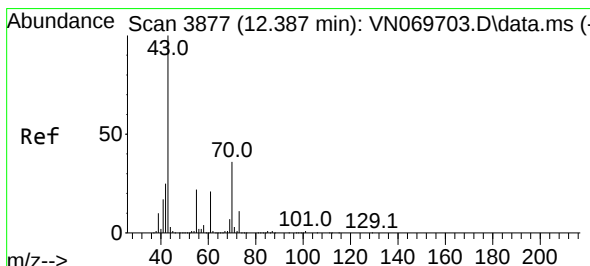
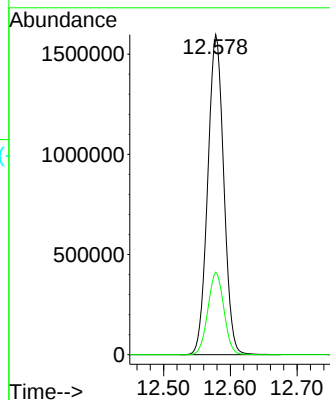
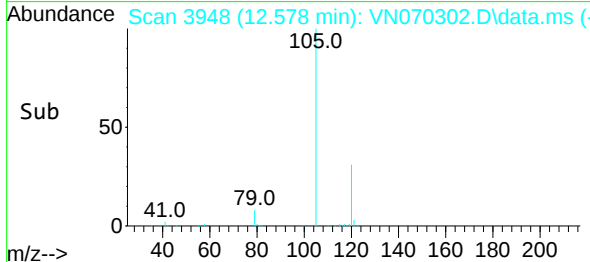
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



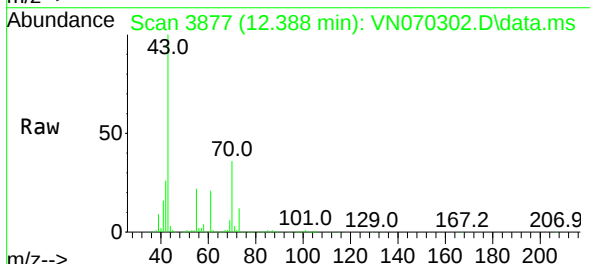
Tgt Ion:105 Resp: 2663314
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

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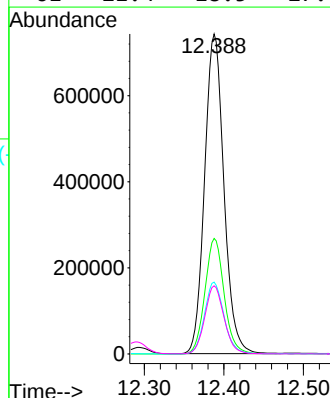
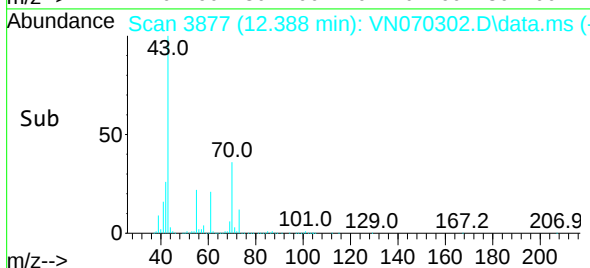
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

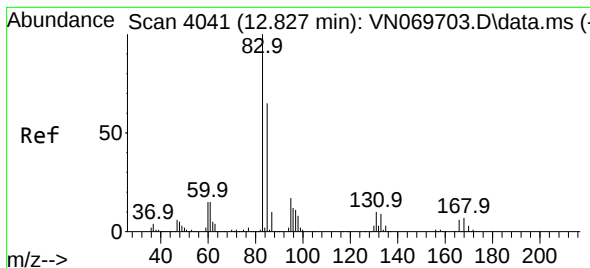


#74
N-ethyl acetate
Concen: 46.460 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



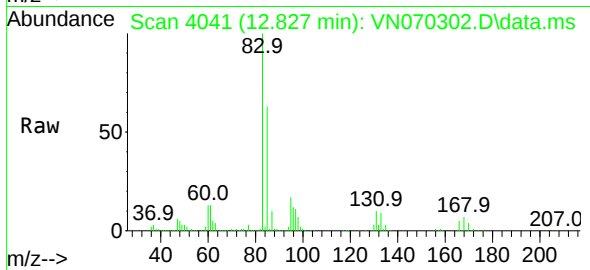
Tgt Ion: 43 Resp: 1255548
Ion Ratio Lower Upper
43 100
70 36.0 33.4 50.0
55 22.8 19.3 28.9
61 21.4 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 43.897 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

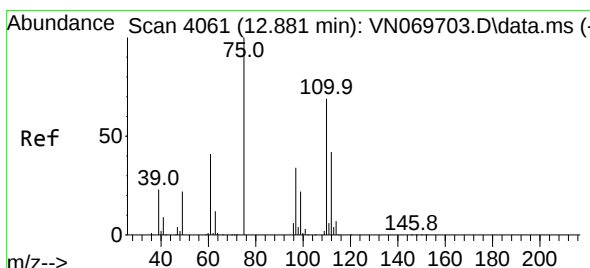
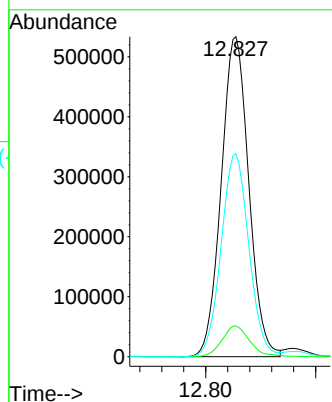
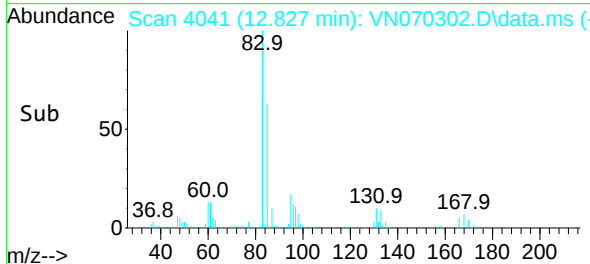
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



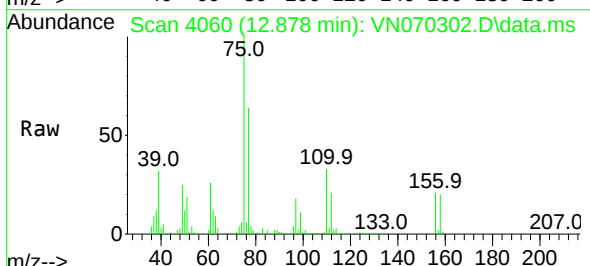
Tgt Ion: 83 Resp: 927590
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 63.8 32.4 97.2

Manual Integrations
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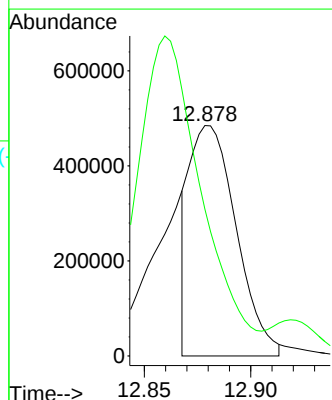
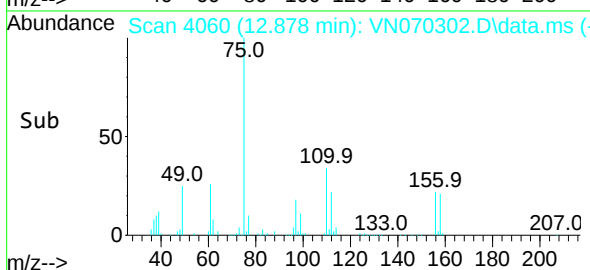
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

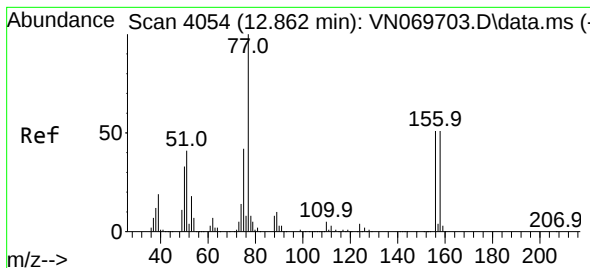


#76
1,2,3-Trichloropropane
Concen: 37.776 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



Tgt Ion: 75 Resp: 744048
Ion Ratio Lower Upper
75 100
77 190.5 82.6 247.8





#77

Bromobenzene

Concen: 42.078 ug/l

RT: 12.860 min Scan# 4054

Delta R.T. -0.002 min

Lab File: VN070302.D

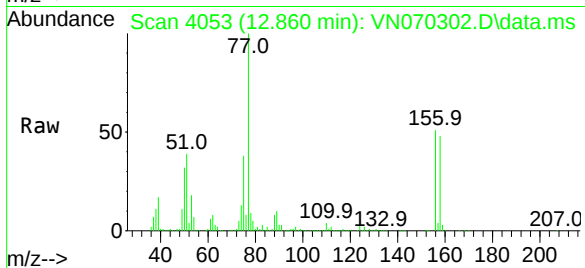
Acq: 22 Dec 2021 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC



Tgt Ion:156 Resp: 60397

Ion Ratio Lower Upper

156 100

77 234.7 90.6 271.8

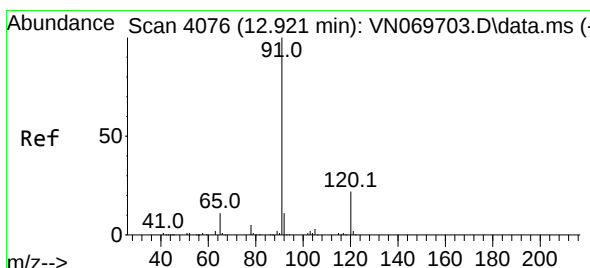
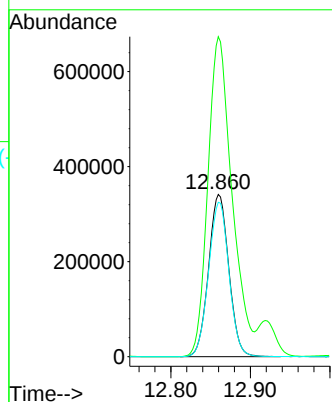
158 95.9 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/23/2021

Supervised By :Semsettin Yesilyurt 12/23/2021



#78

n-propylbenzene

Concen: 43.267 ug/l

RT: 12.919 min Scan# 4075

Delta R.T. -0.002 min

Lab File: VN070302.D

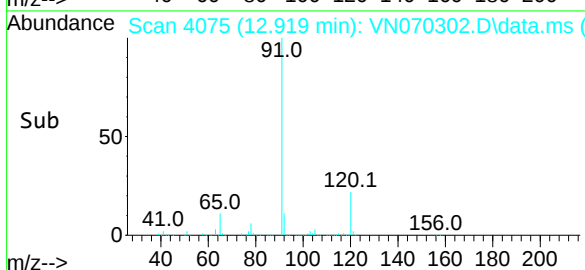
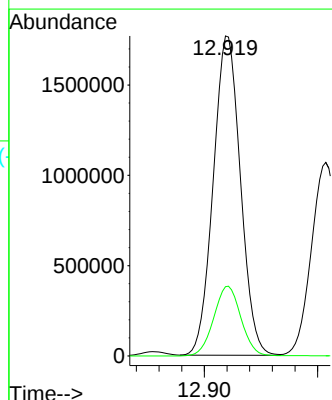
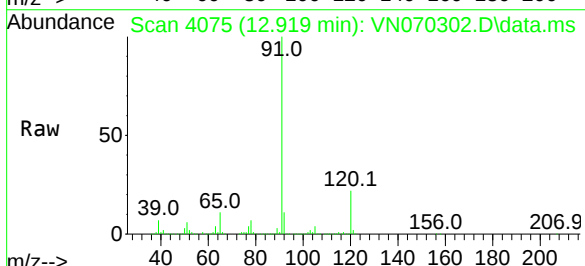
Acq: 22 Dec 2021 20:42

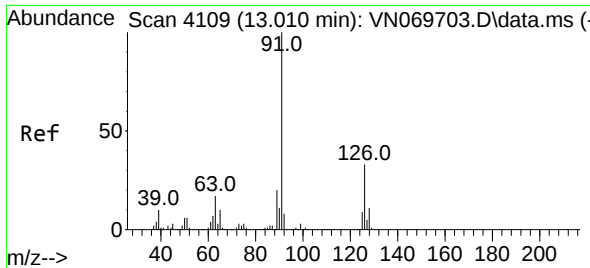
Tgt Ion: 91 Resp: 2942119

Ion Ratio Lower Upper

91 100

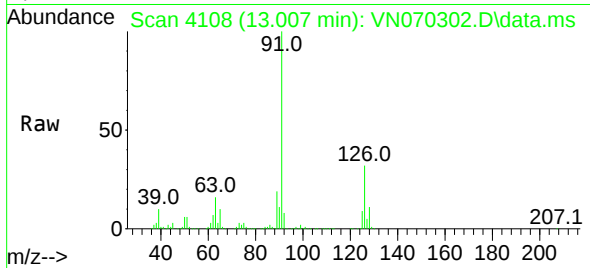
120 21.9 11.9 35.9





#79
2-Chlorotoluene
Concen: 42.915 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

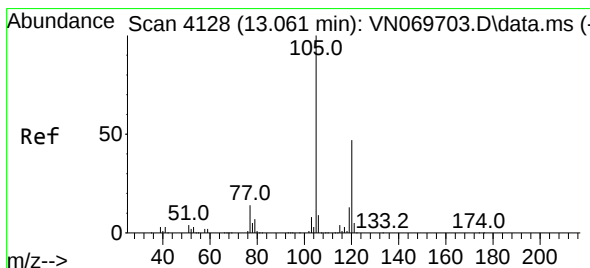
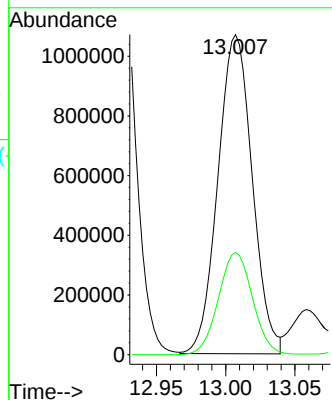
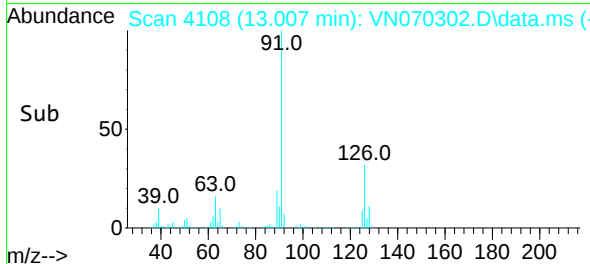
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



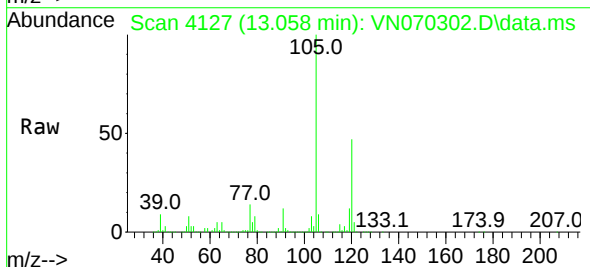
Tgt Ion: 91 Resp: 184392
Ion Ratio Lower Upper
91 100
126 31.9 18.3 54.8

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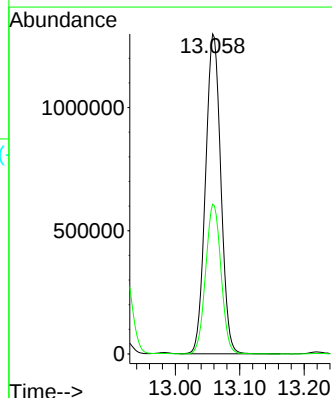
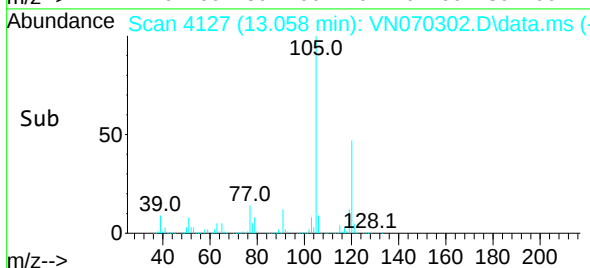
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

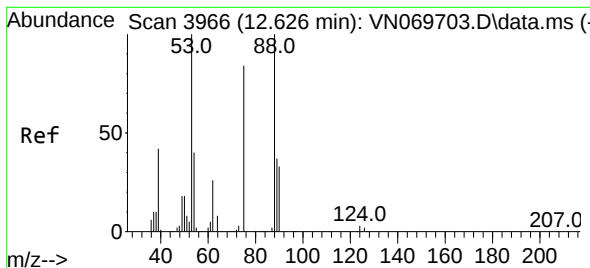


#80
1,3,5-Trimethylbenzene
Concen: 43.475 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



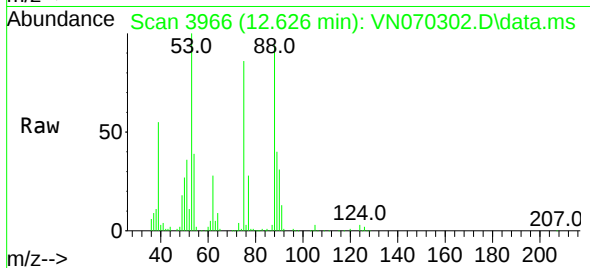
Tgt Ion:105 Resp: 2138331
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 44.034 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

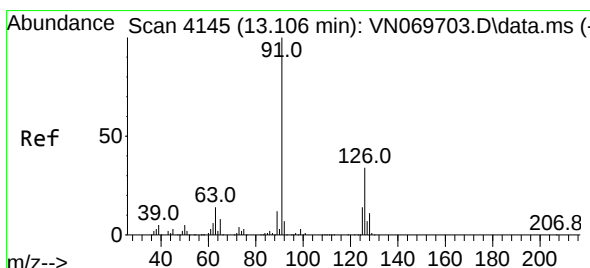
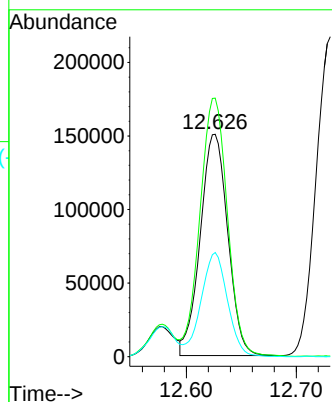
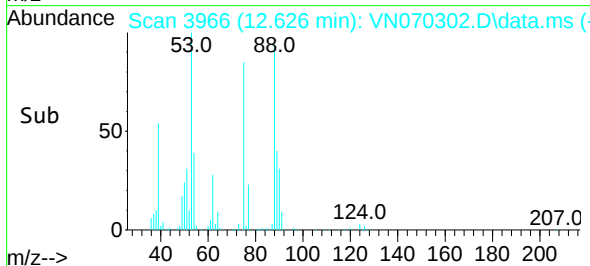
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 261820
Ion Ratio Lower Upper
75 100
53 116.8 90.5 135.7
89 45.1 38.2 57.4

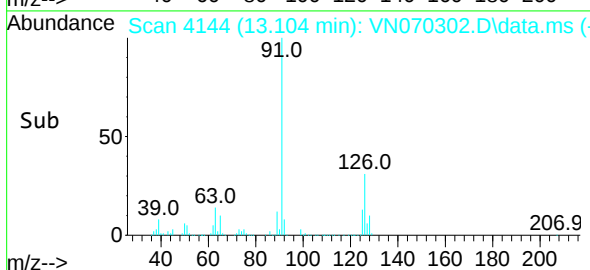
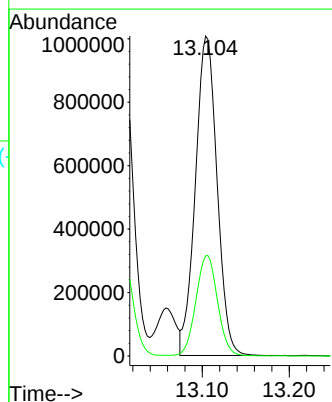
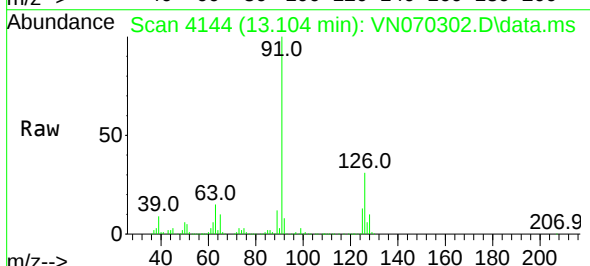
Manual Integrations
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Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#82
4-Chlorotoluene
Concen: 43.084 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

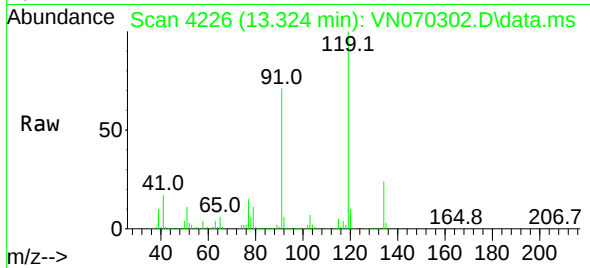
Tgt Ion: 91 Resp: 1740913
Ion Ratio Lower Upper
91 100
126 31.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 44.365 ug/l
RT: 13.324 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

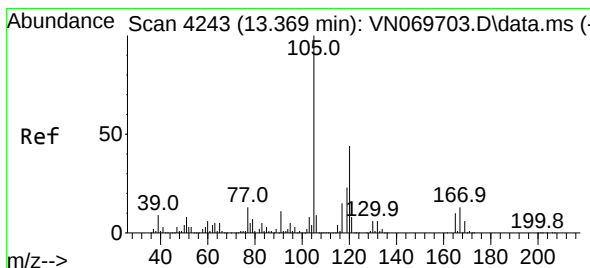
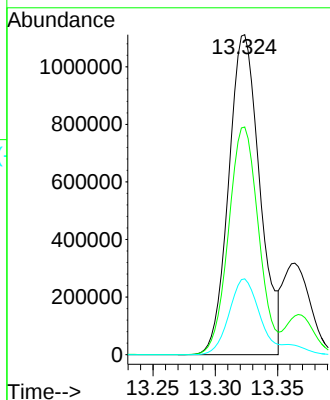
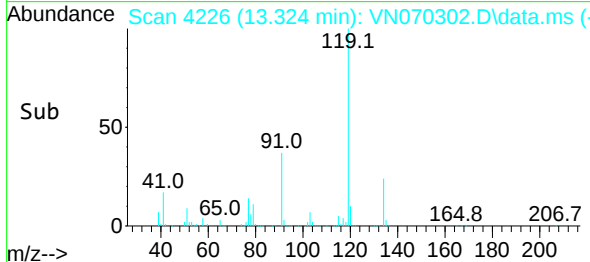
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



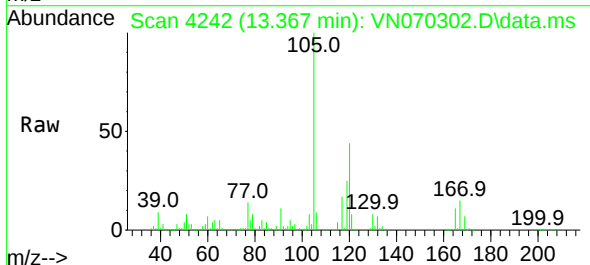
Tgt Ion:119 Resp: 193215
Ion Ratio Lower Upper
119 100
91 68.6 31.5 94.5
134 23.3 12.4 37.4

Manual Integrations
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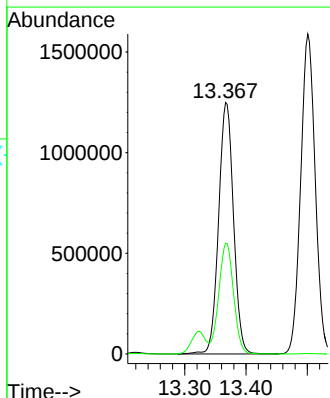
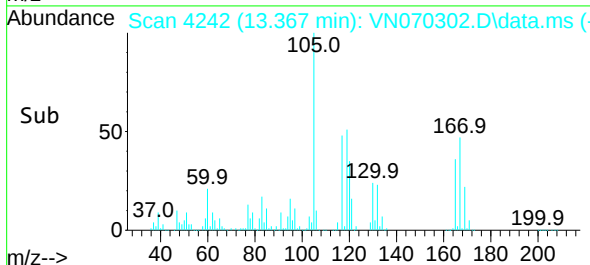
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

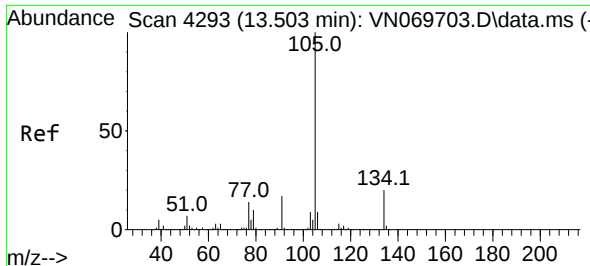


#84
1,2,4-Trimethylbenzene
Concen: 44.937 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



Tgt Ion:105 Resp: 2104941
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4





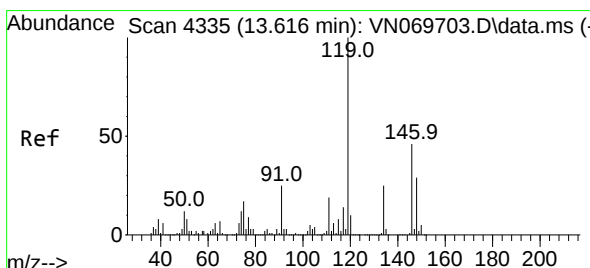
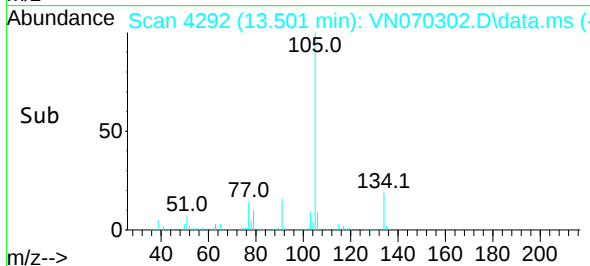
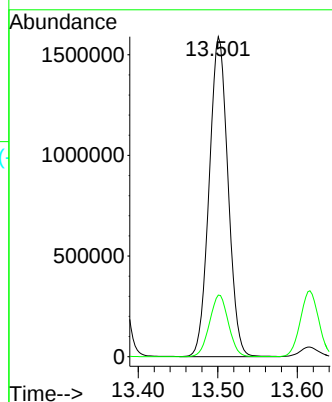
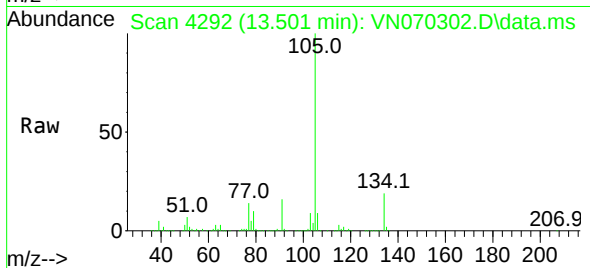
#85
 sec-Butylbenzene
 Concen: 44.163 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN070302.D
 Acq: 22 Dec 2021 20:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 260891
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

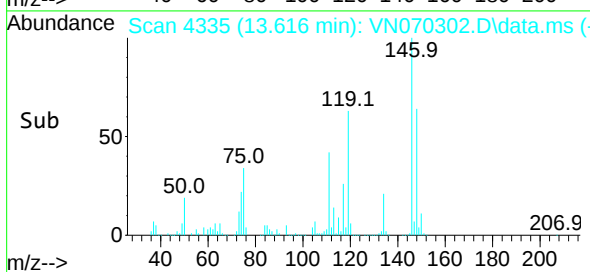
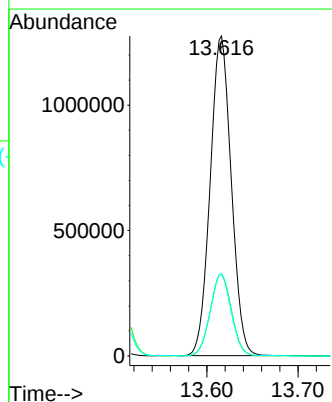
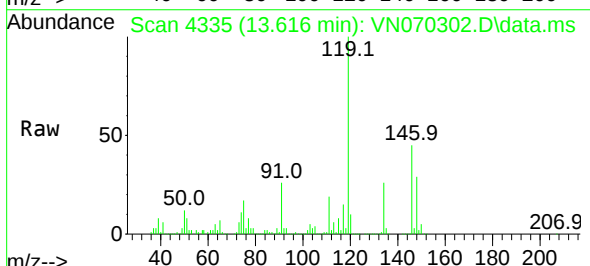
Manual Integrations
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Reviewed By :Mahesh Dadoda 12/23/2021
 Supervised By :Semsettin Yesilyurt 12/23/2021



#86
 p-Isopropyltoluene
 Concen: 44.298 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070302.D
 Acq: 22 Dec 2021 20:42

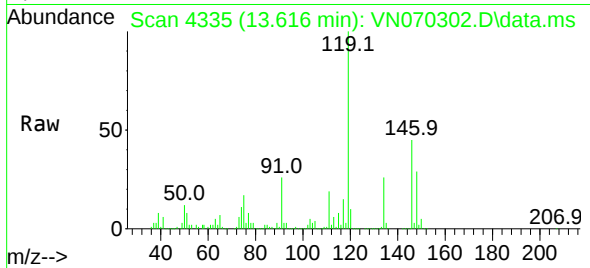
Tgt Ion:119 Resp: 2045493
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 41.927 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

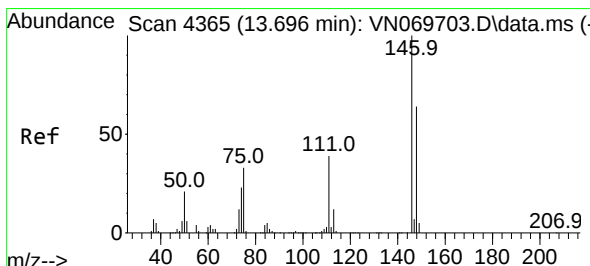
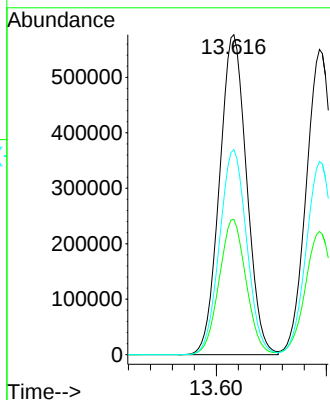
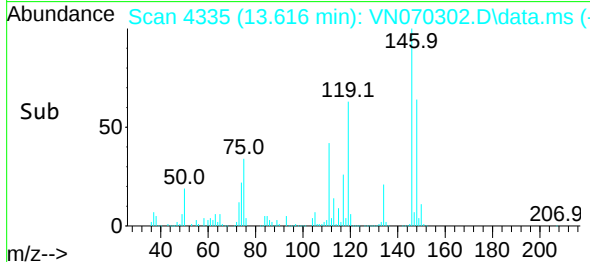
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



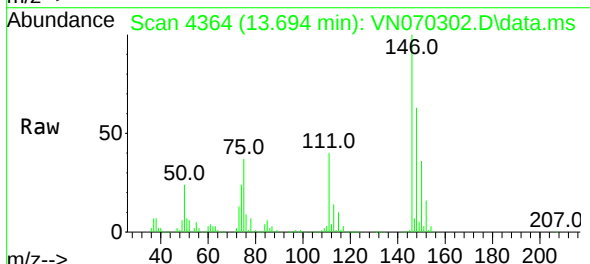
Tgt Ion:146 Resp: 98866
Ion Ratio Lower Upper
146 100
111 42.0 18.6 55.6
148 64.2 31.6 95.0

Manual Integrations
APPROVED

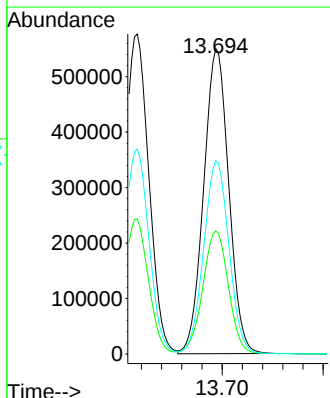
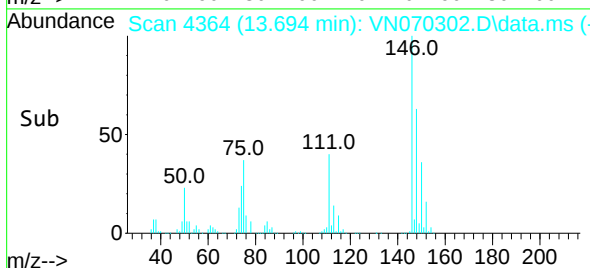
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

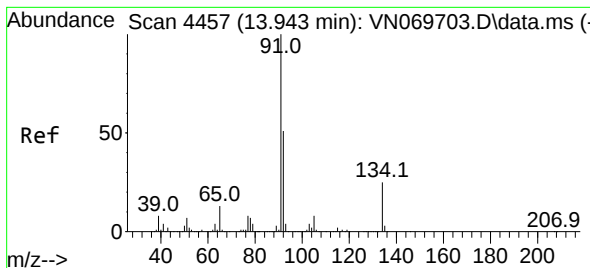


#88
1,4-Dichlorobenzene
Concen: 40.918 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



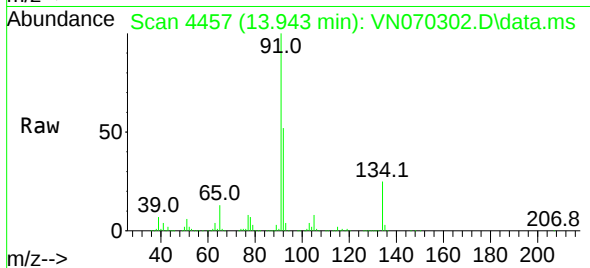
Tgt Ion:146 Resp: 948196
Ion Ratio Lower Upper
146 100
111 41.1 18.3 54.8
148 64.2 31.8 95.4





#89
n-Butylbenzene
Concen: 44.452 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

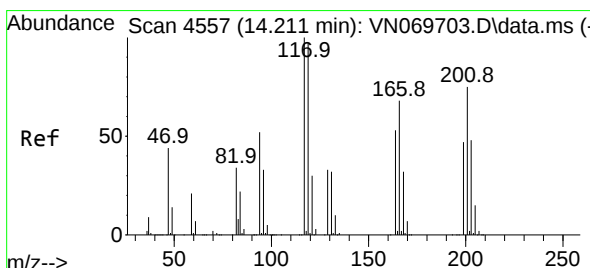
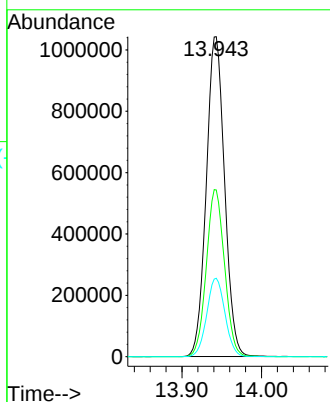
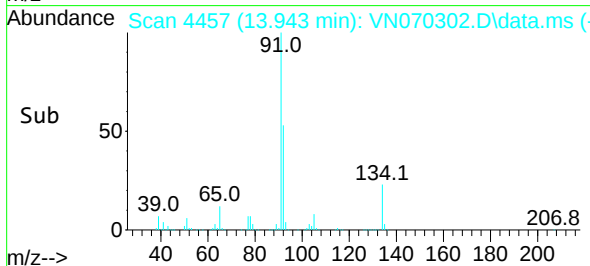
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 166506
Ion Ratio Lower Upper
91 100
92 52.0 25.4 76.0
134 24.5 13.6 40.8

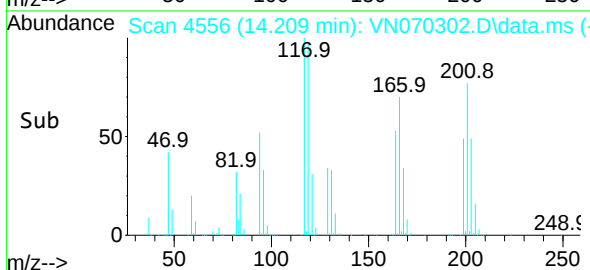
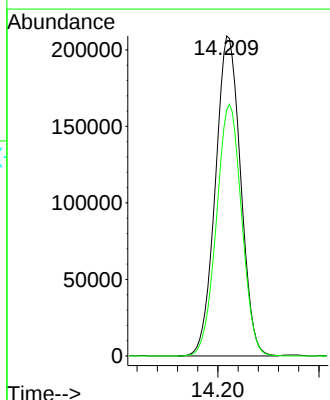
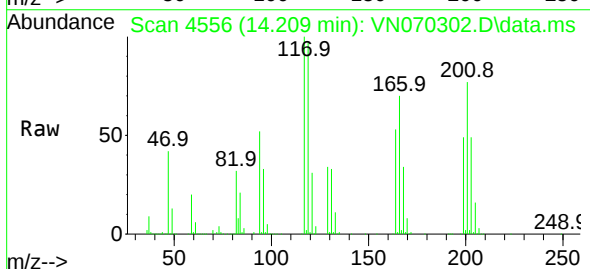
Manual Integrations
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Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#90
Hexachloroethane
Concen: 44.649 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

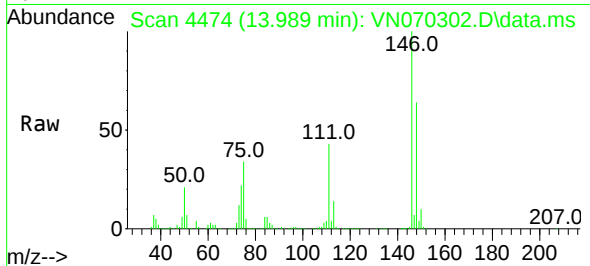
Tgt Ion:117 Resp: 361972
Ion Ratio Lower Upper
117 100
201 78.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 42.420 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

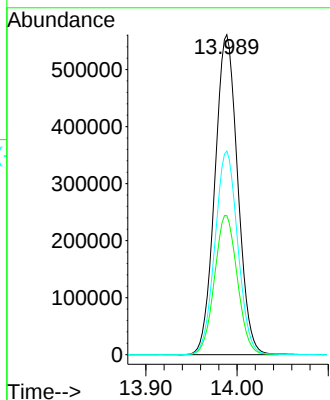
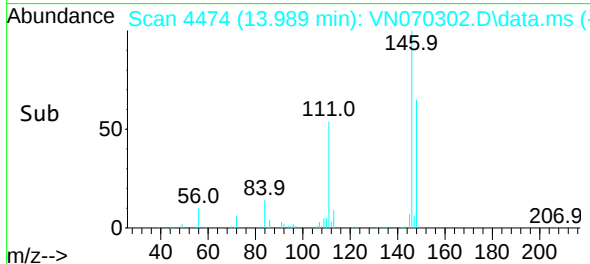
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MSVOA_N
ClientSampleId :
VSTDCCC050EC



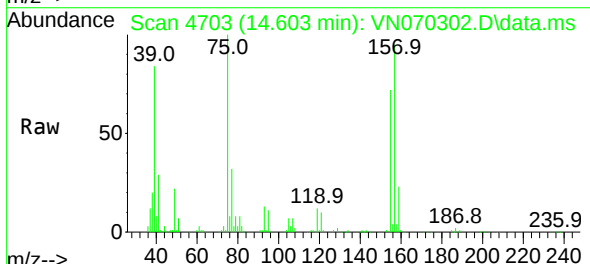
Tgt Ion:146 Resp: 974624
Ion Ratio Lower Upper
146 100
111 43.7 19.1 57.3
148 63.8 32.1 96.3

Manual Integrations
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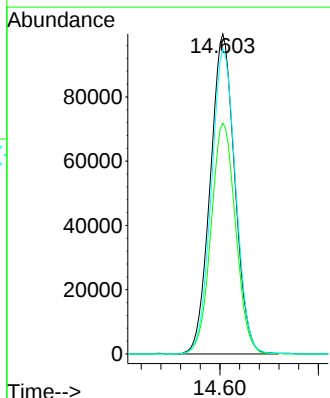
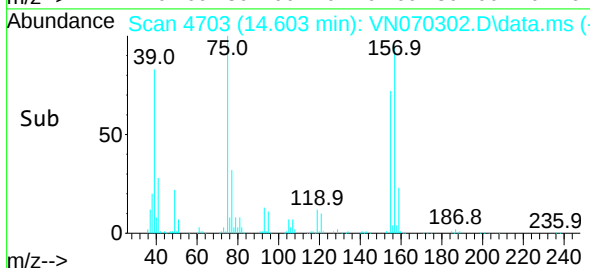
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

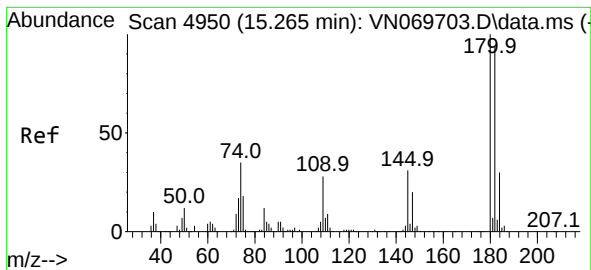


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.123 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



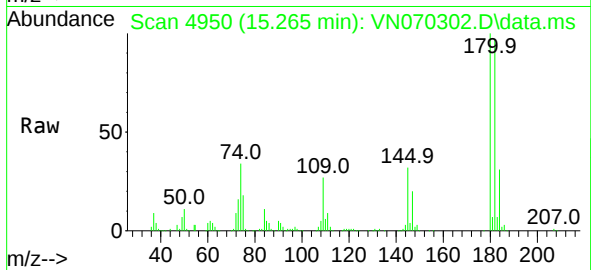
Tgt Ion: 75 Resp: 172299
Ion Ratio Lower Upper
75 100
155 72.4 46.9 140.7
157 94.5 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 42.723 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

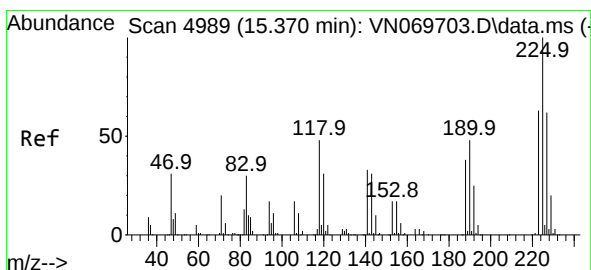
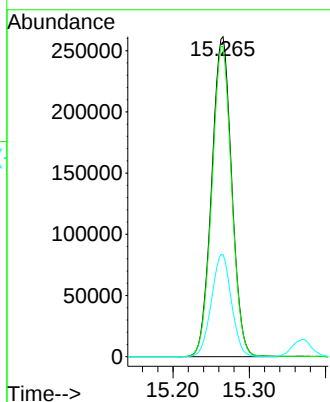
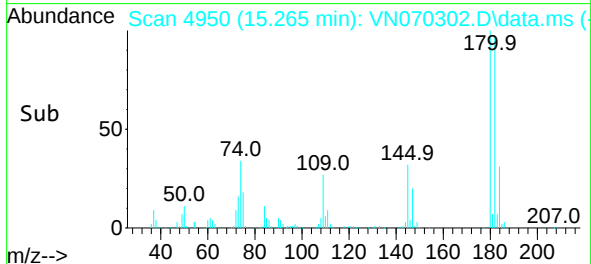
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



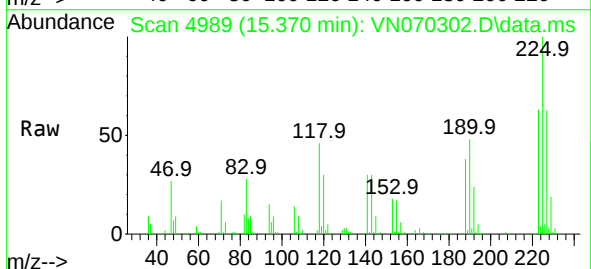
Tgt Ion:180 Resp: 476418
Ion Ratio Lower Upper
180 100
182 95.9 48.3 144.9
145 31.9 14.5 43.5

Manual Integrations
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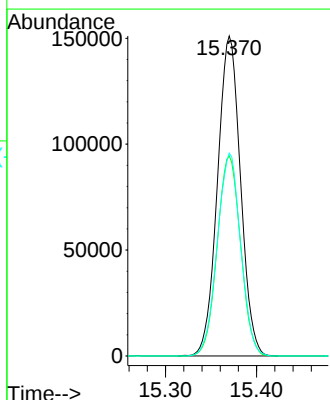
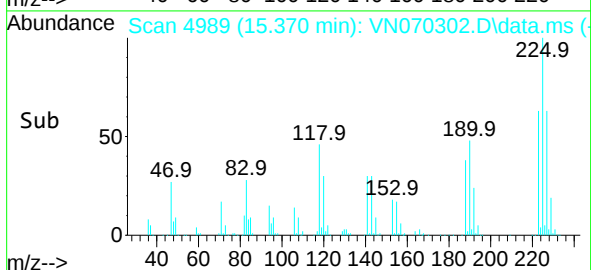
Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

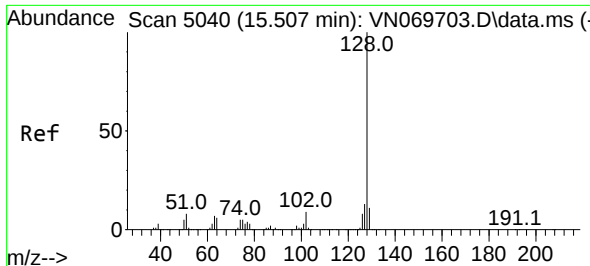


#94
Hexachlorobutadiene
Concen: 43.540 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42



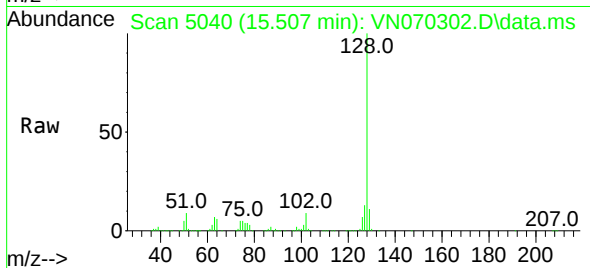
Tgt Ion:225 Resp: 265118
Ion Ratio Lower Upper
225 100
223 63.3 31.9 95.7
227 64.3 32.1 96.3





#95
Naphthalene
Concen: 44.109 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

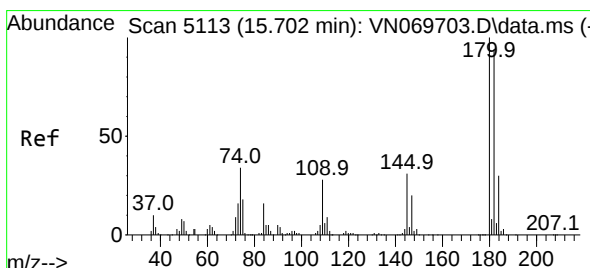
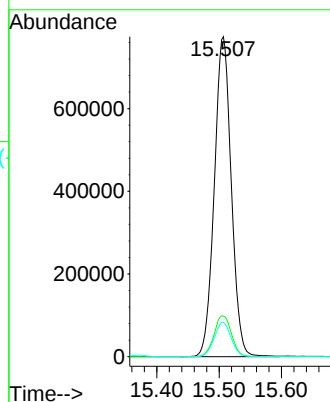
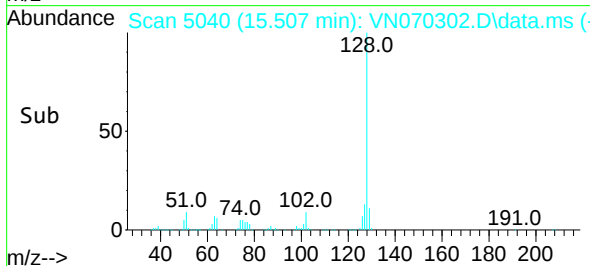
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 146338
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/23/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#96
1,2,3-Trichlorobenzene
Concen: 44.365 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070302.D
Acq: 22 Dec 2021 20:42

Tgt Ion:180 Resp: 484052
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.2
145 32.7 15.0 45.1

