

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072722\
 Data File : VN073613.D
 Acq On : 27 Jul 2022 18:05
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

Quant Time: Jul 28 02:15:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.587	128	49884	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	273460	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	256058	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	134223	31.120	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.733%			
60) 4-Bromofluorobenzene	12.674	95	134869	29.747	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.167%			
63) Toluene-d8	10.380	98	442478	30.689	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	65704	19.378	ug/l	99
3) Chloromethane	2.269	50	91941	20.509	ug/l	99
4) Vinyl Chloride	2.405	62	112680	20.479	ug/l	99
5) Bromomethane	2.810	94	66813	23.903	ug/l	99
6) Chloroethane	2.969	64	72199	19.368	ug/l	93
7) Trichlorofluoromethane	3.316	101	134961	24.938	ug/l	98
8) Diethyl Ether	3.769	74	42043	19.306	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.140	101	62937	19.290	ug/l #	69
10) 1,1-Dichloroethene	4.116	96	61056	19.550	ug/l	96
11) Methyl Iodide	4.351	142	59985	16.651	ug/l	94
12) Methyl Acetate	4.781	43	102932	19.393	ug/l	95
13) Acrolein	3.981	56	93194	99.881	ug/l	100
14) Acrylonitrile	5.475	53	237545	96.972	ug/l	99
15) Acetone	4.228	58	71850	105.505	ug/l	80
16) Carbon Disulfide	4.457	76	158877	18.616	ug/l	98
17) Allyl chloride	4.763	41	96557	18.536	ug/l	90
18) Methylene Chloride	5.016	84	78914	19.942	ug/l	96
19) trans-1,2-Dichloroethene	5.516	96	66262	19.136	ug/l	98
20) Diisopropyl ether	6.416	45	217999	19.237	ug/l #	94
21) 1,1-Dichloroethane	6.304	63	129285	19.334	ug/l	96
22) cis-1,2-Dichloroethene	7.251	96	80917	19.426	ug/l	95
23) tert-Butyl Alcohol	5.293	59	82377	95.156	ug/l #	100
24) Methyl tert-Butyl Ether	5.534	73	219578	19.951	ug/l	93
25) Chloroform	7.751	83	135976	19.700	ug/l	96
26) Cyclohexane	8.022	56	105494	18.290	ug/l #	97
29) 1,1-Dichloropropene	8.151	75	94031	18.403	ug/l	98
30) 2-Butanone	7.263	43	331834	93.946	ug/l	99
31) 2,2-Dichloropropane	7.245	77	95154	17.847	ug/l	99
32) 1,1,1-Trichloroethane	7.945	97	113305	19.159	ug/l	99
33) Carbon Tetrachloride	8.134	117	94324	18.600	ug/l	99
34) Benzene	8.392	78	312085	18.875	ug/l	97
35) Methacrylonitrile	7.569	41	55872	19.486	ug/l	98
36) 1,2-Dichloroethane	8.463	62	100091	18.358	ug/l #	94
37) Trichloroethene	9.151	130	75585	18.582	ug/l	95
38) Methylcyclohexane	9.398	83	110855	17.477	ug/l	95
39) 1,2-Dichloropropane	9.428	63	77302	18.532	ug/l	100
40) Dibromomethane	9.516	93	54318	19.190	ug/l	92
41) Bromodichloromethane	9.704	83	103452	18.671	ug/l	94
42) Vinyl Acetate	6.351	43	932694	91.637	ug/l	97

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 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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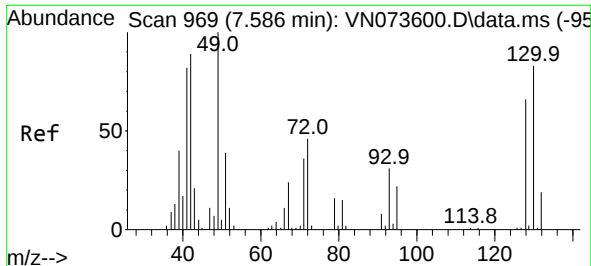
Quant Time: Jul 28 02:15:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
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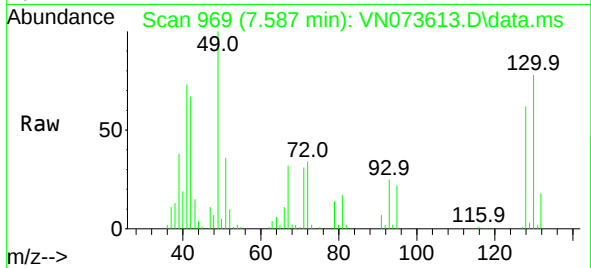
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.340	43	134241	20.020	ug/l	95
44) Isopropyl Acetate	8.498	43	179750	19.276	ug/l	97
45) 1,4-Dioxane	9.504	88	41369	372.064	ug/l	96
46) Methyl methacrylate	9.498	41	74169	17.786	ug/l	89
47) n-amyl Acetate	12.333	43	132636	17.841	ug/l	94
48) t-1,3-Dichloropropene	10.663	75	101219	17.744	ug/l	97
49) cis-1,3-Dichloropropene	10.128	75	114315	18.049	ug/l #	87
50) 1,1,2-Trichloroethane	10.839	97	80857	19.041	ug/l	98
51) Ethyl methacrylate	10.704	69	113596	17.793	ug/l	89
52) 1,3-Dichloropropane	10.986	76	134490	18.790	ug/l	100
53) Dibromochloromethane	11.180	129	76715	17.826	ug/l	99
54) 1,2-Dibromoethane	11.286	107	80437	18.587	ug/l	97
55) 2-Chloroethyl vinyl ether	9.980	63	266178	92.959	ug/l	99
56) Bromoform	12.398	173	60190	17.798	ug/l #	99
58) 4-Methyl-2-Pentanone	10.275	43	640798	96.784	ug/l	95
59) 2-Hexanone	11.028	43	488029	95.698	ug/l	94
61) Tetrachloroethene	10.916	164	75170	19.165	ug/l	93
62) Toluene	10.445	91	339724	19.079	ug/l	99
64) Chlorobenzene	11.710	112	200371	18.834	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.780	131	73890	18.710	ug/l	99
66) Ethyl Benzene	11.786	91	354616	18.628	ug/l	99
67) m/p-Xylenes	11.898	106	273583	37.601	ug/l	98
68) o-Xylene	12.222	106	138616	19.181	ug/l	94
69) Styrene	12.239	104	220438	18.506	ug/l	96
70) Isopropylbenzene	12.522	105	346669	18.762	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.769	83	124069	19.097	ug/l	99
72) 1,2,3-Trichloropropane	12.822	75	110747m	20.411	ug/l	
73) Bromobenzene	12.798	156	84296	18.367	ug/l	99
74) n-propylbenzene	12.863	91	401109	18.654	ug/l	100
75) 2-Chlorotoluene	12.951	91	242245	18.794	ug/l	100
76) 1,3,5-Trimethylbenzene	13.004	105	288861	18.665	ug/l	97
77) t-1,4-Dichloro-2-butene	12.569	75	32951	16.664	ug/l	96
78) 4-Chlorotoluene	13.045	91	225796	18.236	ug/l	99
79) tert-butylbenzene	13.263	119	262983	19.655	ug/l	93
80) 1,2,4-Trimethylbenzene	13.310	105	293586m	19.152	ug/l	
81) sec-Butylbenzene	13.445	105	360933	18.787	ug/l	99
82) p-Isopropyltoluene	13.557	119	291747	18.497	ug/l	96
83) 1,3-Dichlorobenzene	13.557	146	152729	18.179	ug/l	97
84) 1,4-Dichlorobenzene	13.633	146	149444	18.441	ug/l	98
85) n-Butylbenzene	13.886	91	222836	17.429	ug/l	98
86) Hexachloroethane	14.151	117	51588	17.834	ug/l	85
87) 1,2-Dichlorobenzene	13.927	146	163113	19.203	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.539	75	25691	18.105	ug/l #	77
89) 1,2,4-Trichlorobenzene	15.198	180	80723	17.267	ug/l	97
90) Hexachlorobutadiene	15.304	225	42611	17.996	ug/l	98
91) Naphthalene	15.439	128	285087	18.572	ug/l	99
92) 1,2,3-Trichlorobenzene	15.627	180	88570	18.443	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 969
Delta R.T. 0.001 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

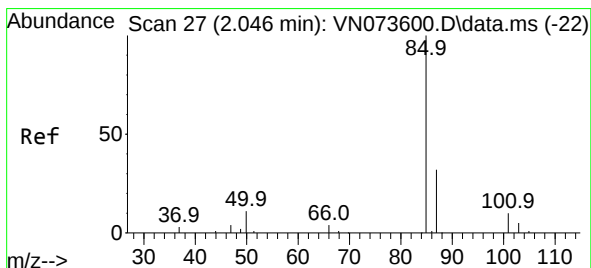
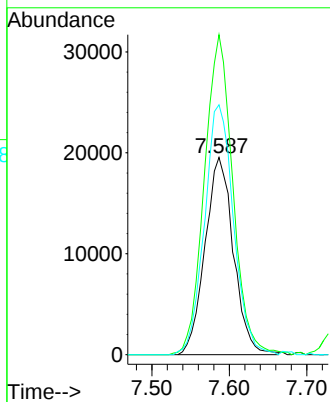
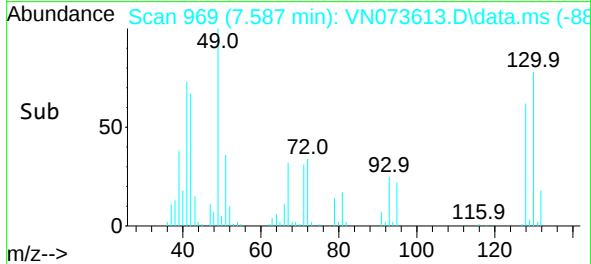
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 49884
Ion Ratio Lower Upper
128 100
49 161.6 0.0 392.3
130 129.5 0.0 320.2

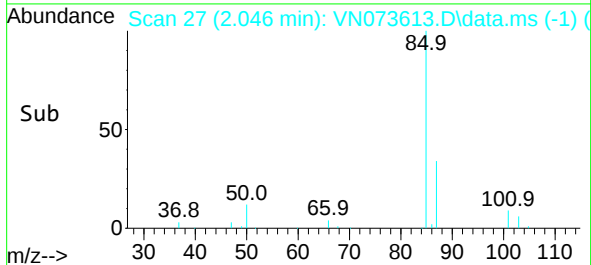
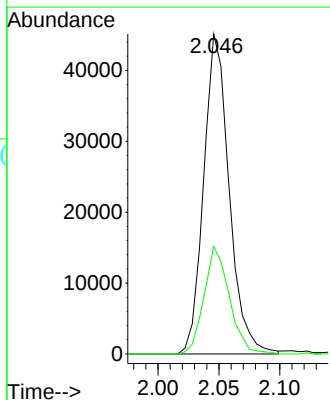
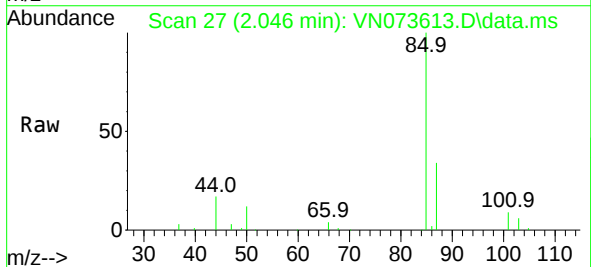
Manual Integrations
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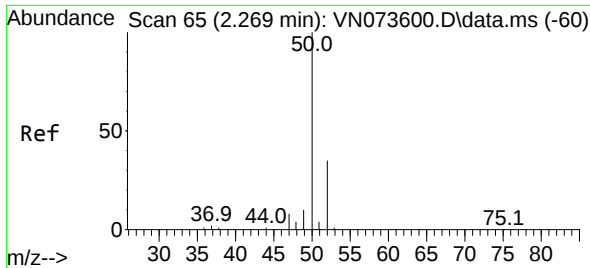
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#2
Dichlorodifluoromethane
Concen: 19.378 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

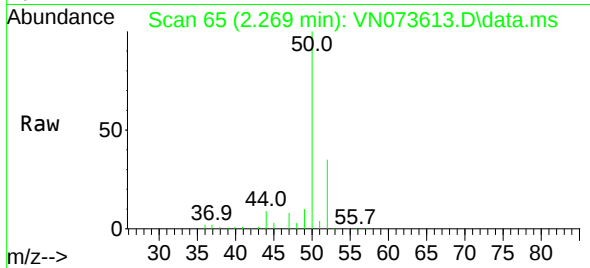
Tgt Ion: 85 Resp: 65704
Ion Ratio Lower Upper
85 100
87 33.6 16.6 49.7





#3
Chloromethane
Concen: 20.509 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

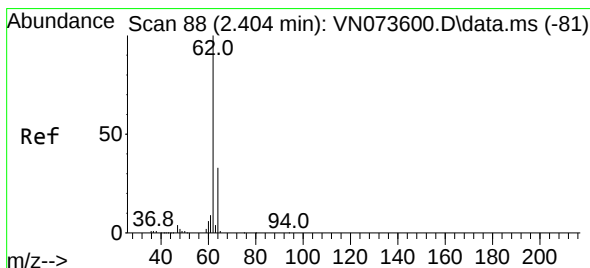
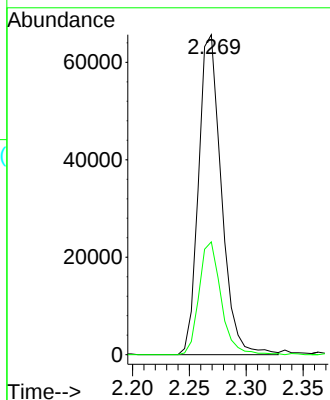
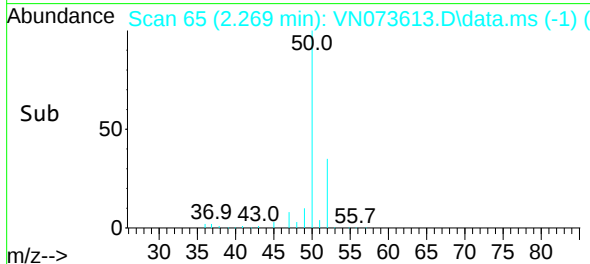
Instrument :
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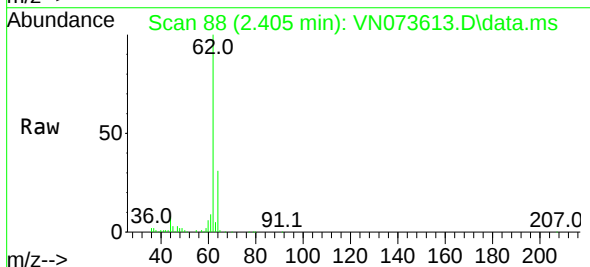
Tgt Ion: 50 Resp: 9194
Ion Ratio Lower Upper
50 100
52 35.3 27.8 41.6

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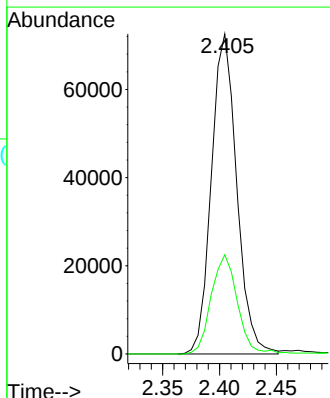
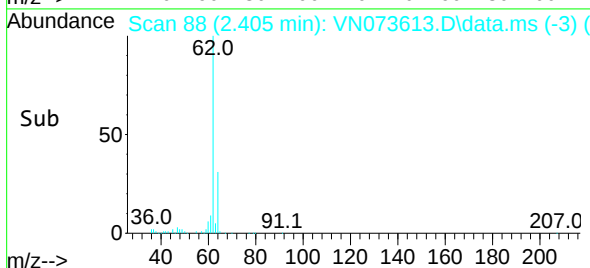
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Supervised By :Mahesh Dadoda 07/28/2022

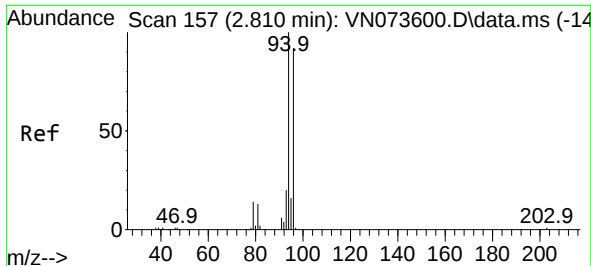


#4
Vinyl Chloride
Concen: 20.479 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05



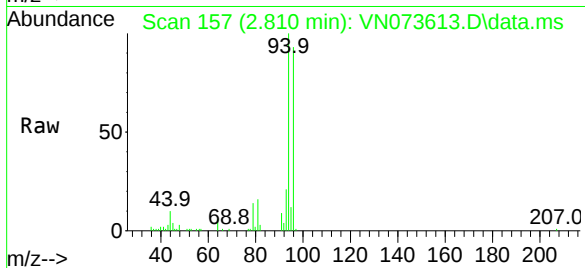
Tgt Ion: 62 Resp: 112680
Ion Ratio Lower Upper
62 100
64 31.0 25.1 37.7





#5
Bromomethane
Concen: 23.903 ug/l
RT: 2.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

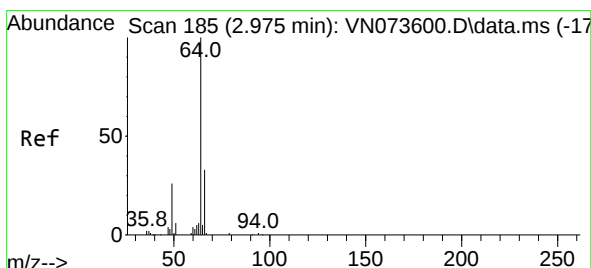
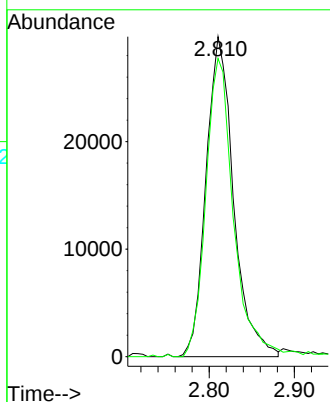
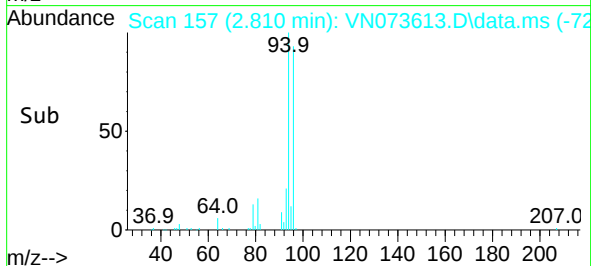
Instrument :
MSVOA_N
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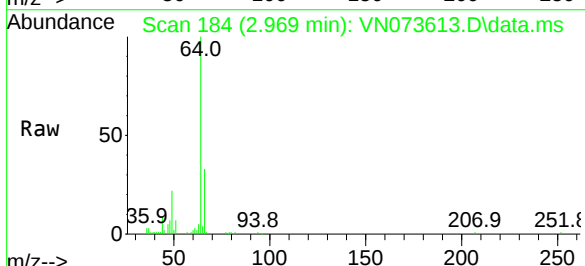
Tgt Ion: 94 Resp: 6681
Ion Ratio Lower Upper
94 100
96 93.2 75.2 112.8

Manual Integrations
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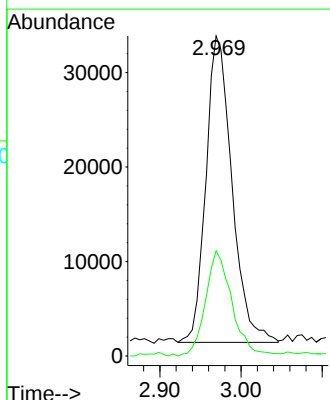
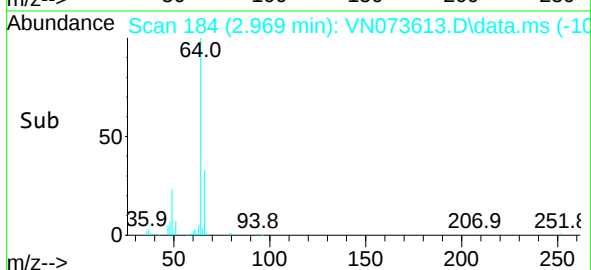
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

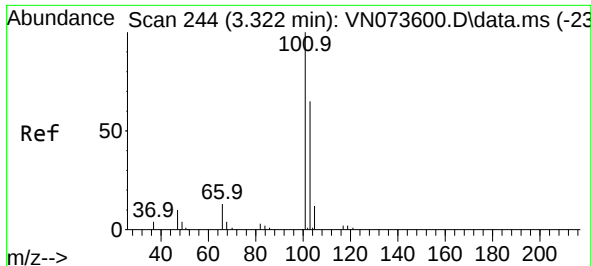


#6
Chloroethane
Concen: 19.368 ug/l
RT: 2.969 min Scan# 184
Delta R.T. -0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05



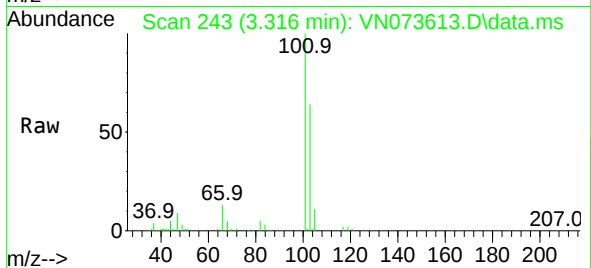
Tgt Ion: 64 Resp: 72199
Ion Ratio Lower Upper
64 100
66 34.3 24.6 36.8





#7
Trichlorofluoromethane
Concen: 24.938 ug/l
RT: 3.316 min Scan# 24
Delta R.T. -0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

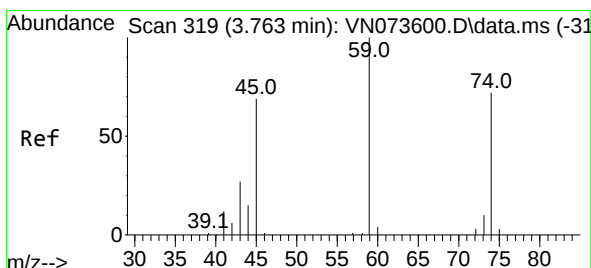
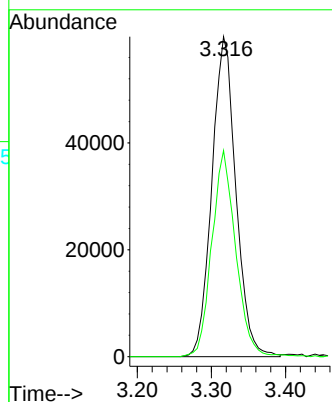
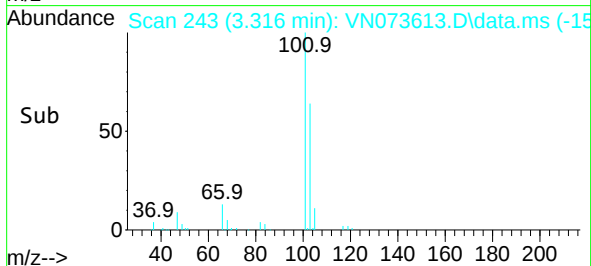
Instrument :
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Tgt Ion:101 Resp: 13496
Ion Ratio Lower Upper
101 100
103 64.4 50.1 75.1

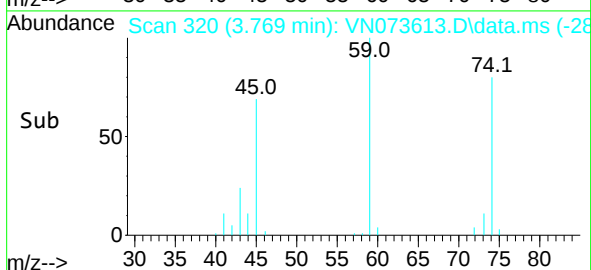
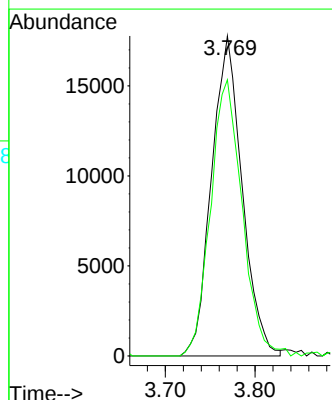
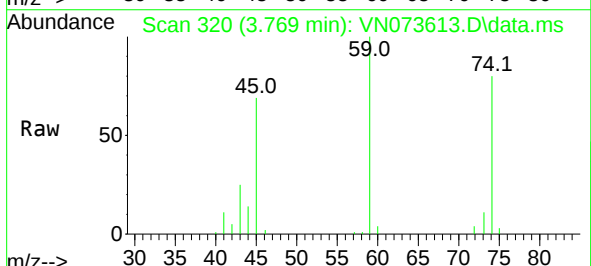
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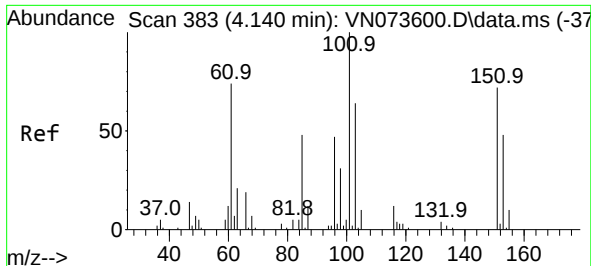
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#8
Diethyl Ether
Concen: 19.306 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

Tgt Ion: 74 Resp: 42043
Ion Ratio Lower Upper
74 100
45 88.9 17.6 158.8





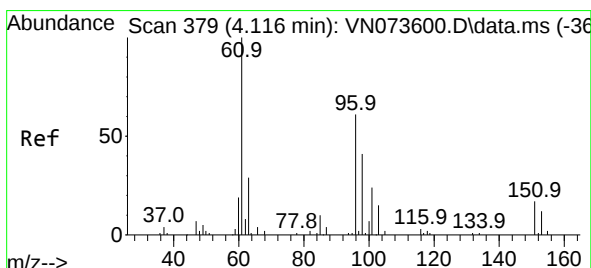
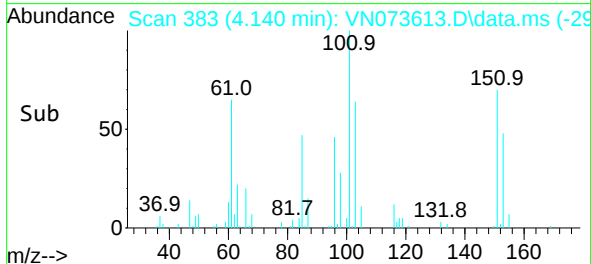
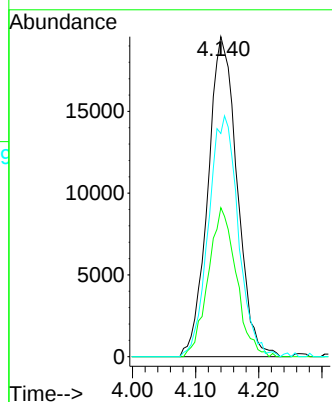
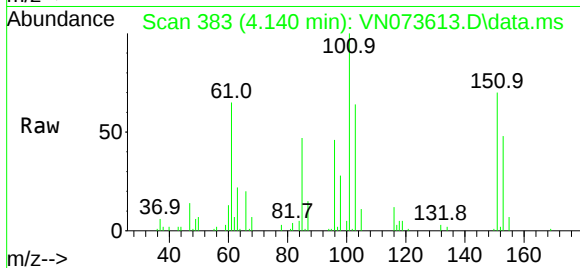
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.290 ug/l
RT: 4.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 6293
Ion Ratio Lower Upper
101 100
85 44.4 0.0 94.0
151 76.2 0.0 74.6

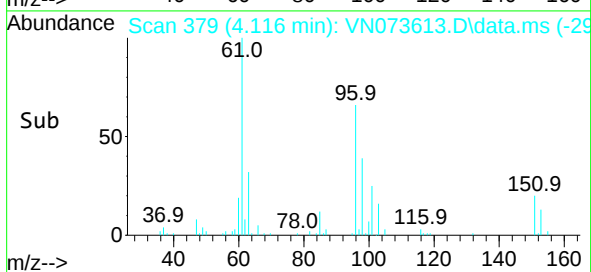
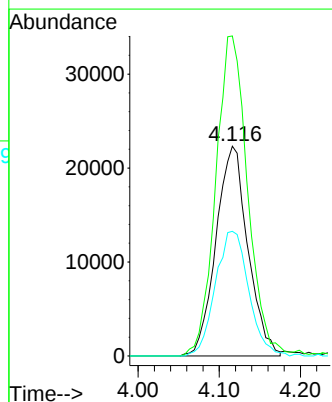
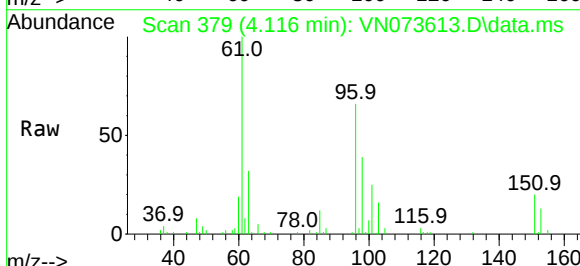
Manual Integrations
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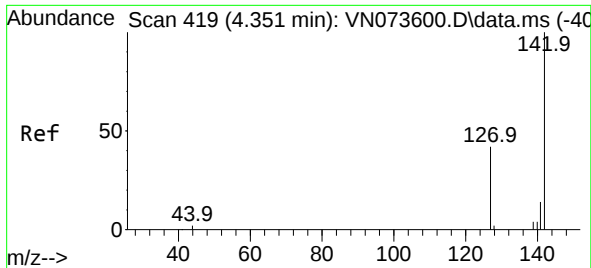
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#10
1,1-Dichloroethene
Concen: 19.550 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

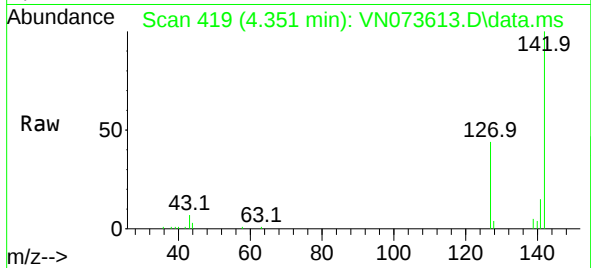
Tgt Ion: 96 Resp: 61056
Ion Ratio Lower Upper
96 100
61 152.5 126.2 189.4
98 59.4 50.9 76.3





#11
Methyl Iodide
Concen: 16.651 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

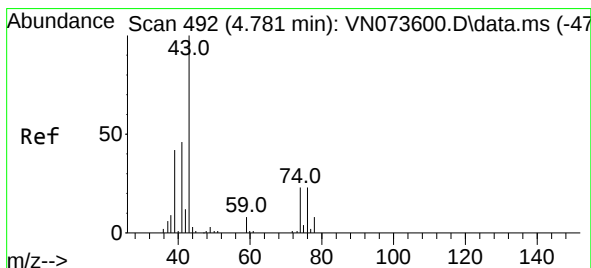
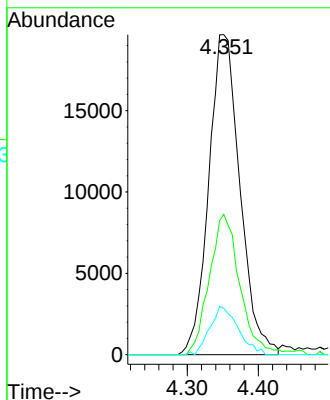
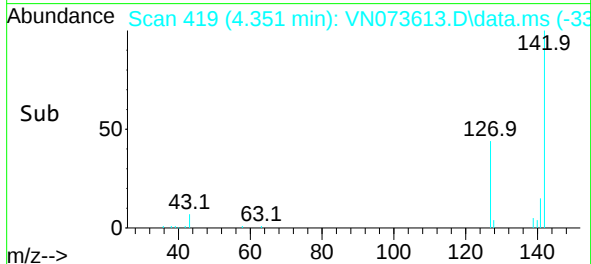
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 5998
Ion Ratio Lower Upper
142 100
127 43.4 24.0 72.0
141 14.6 8.4 25.2

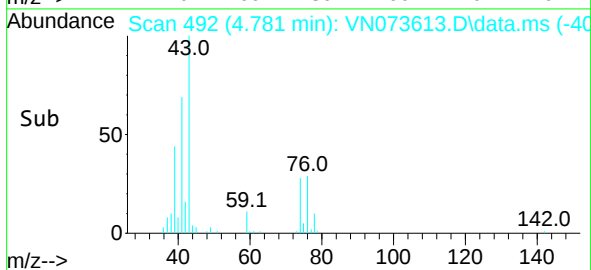
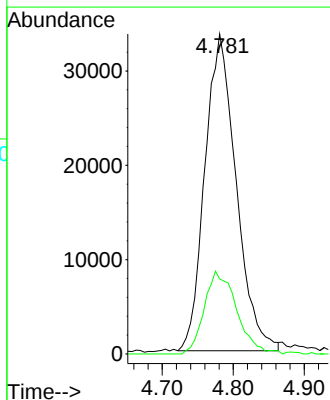
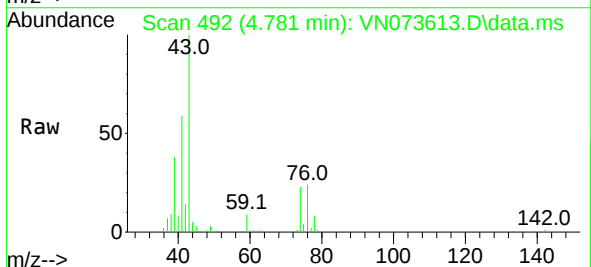
Manual Integrations
APPROVED

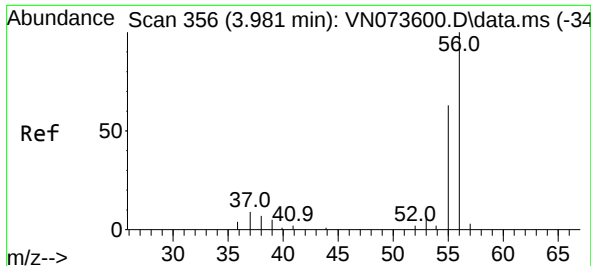
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#12
Methyl Acetate
Concen: 19.393 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

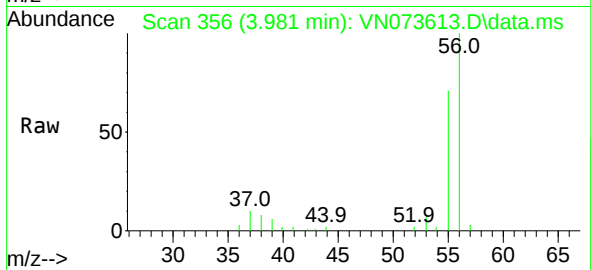
Tgt Ion: 43 Resp: 102932
Ion Ratio Lower Upper
43 100
74 23.5 20.8 31.2





#13
Acrolein
Concen: 99.881 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

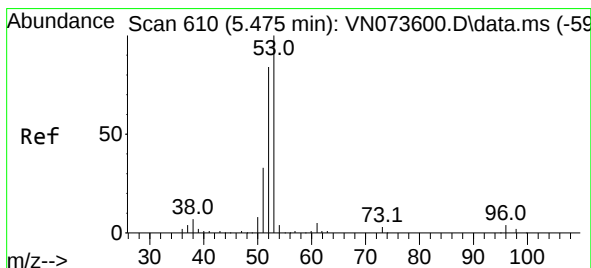
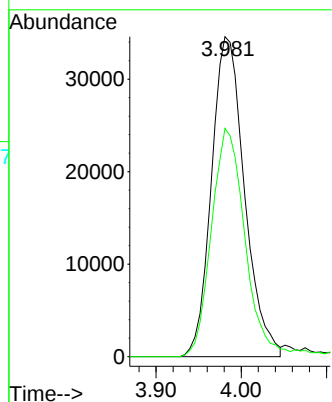
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 93194
Ion Ratio Lower Upper
56 100
55 71.9 57.6 86.4

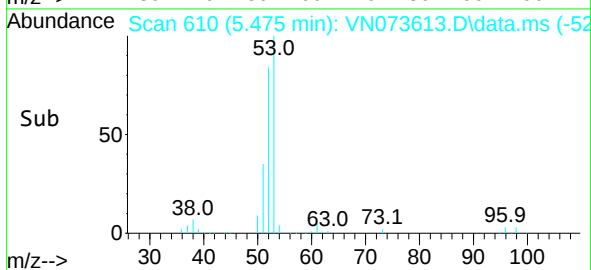
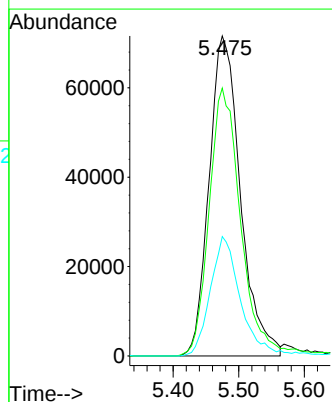
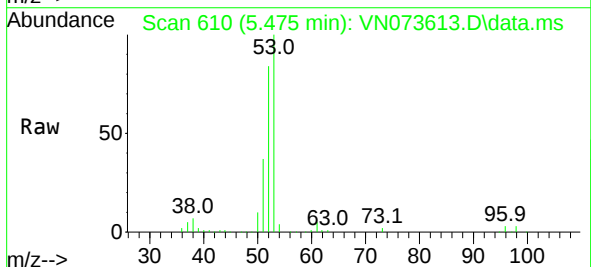
Manual Integrations
APPROVED

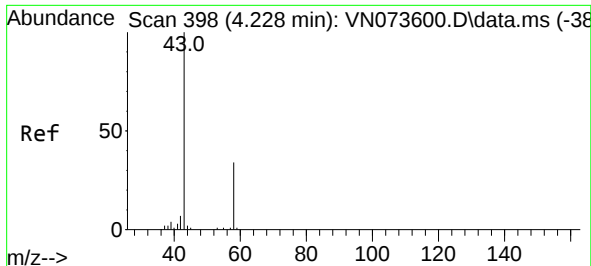
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#14
Acrylonitrile
Concen: 96.972 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

Tgt Ion: 53 Resp: 237545
Ion Ratio Lower Upper
53 100
52 83.6 41.8 125.4
51 35.8 19.0 57.0





#15

Acetone

Concen: 105.505 ug/l

RT: 4.228 min Scan# 398

Delta R.T. 0.000 min

Lab File: VN073613.D

Acq: 27 Jul 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 71850

Ion Ratio Lower Upper

58 100

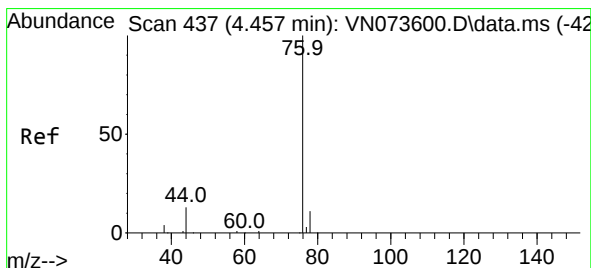
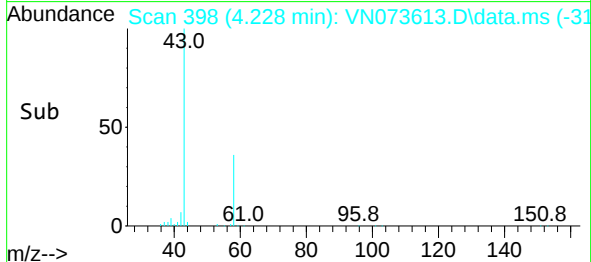
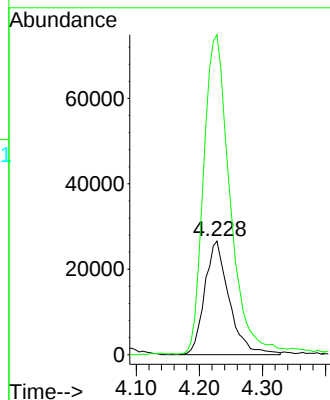
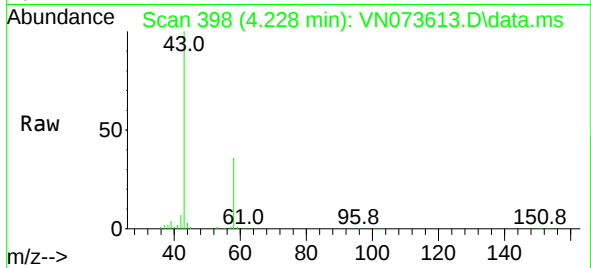
43 280.7 256.6 384.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#16

Carbon Disulfide

Concen: 18.616 ug/l

RT: 4.457 min Scan# 437

Delta R.T. 0.000 min

Lab File: VN073613.D

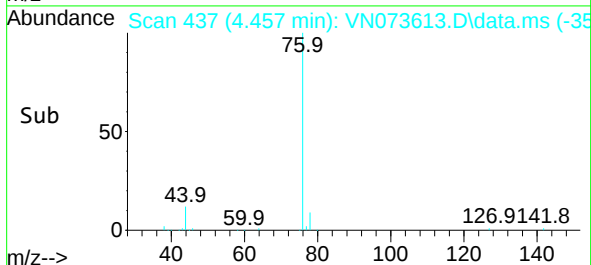
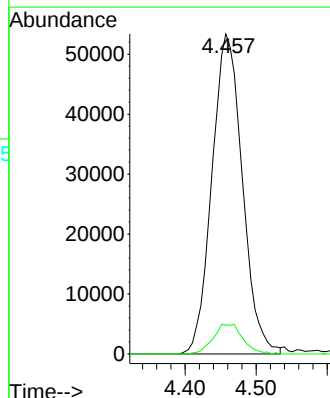
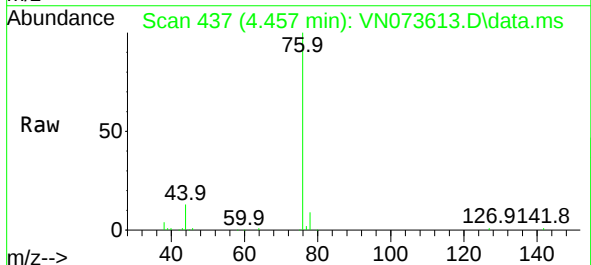
Acq: 27 Jul 2022 18:05

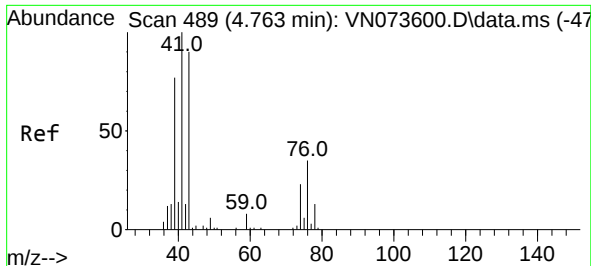
Tgt Ion: 76 Resp: 158877

Ion Ratio Lower Upper

76 100

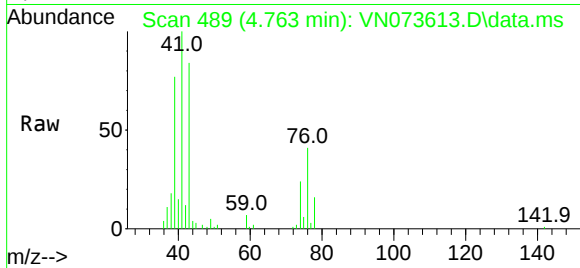
78 9.0 7.8 11.8





#17
 Allyl chloride
 Concen: 18.536 ug/l
 RT: 4.763 min Scan# 489
 Delta R.T. 0.000 min
 Lab File: VN073613.D
 Acq: 27 Jul 2022 18:05

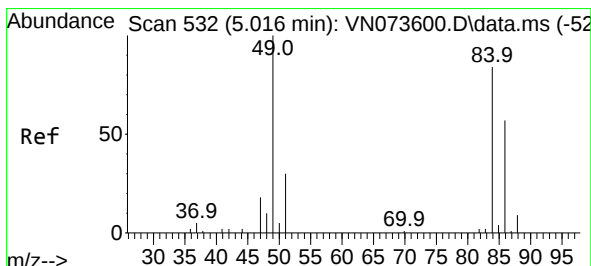
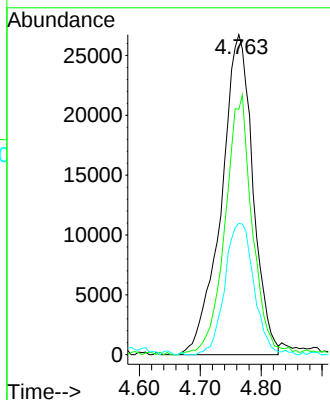
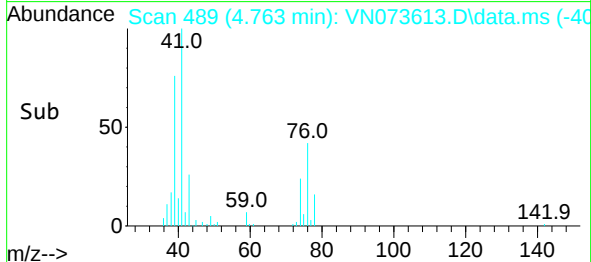
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 9655
 Ion Ratio Lower Upper
 41 100
 39 76.7 44.6 134.0
 76 41.1 19.6 58.7

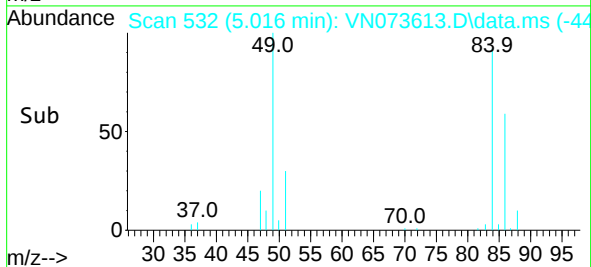
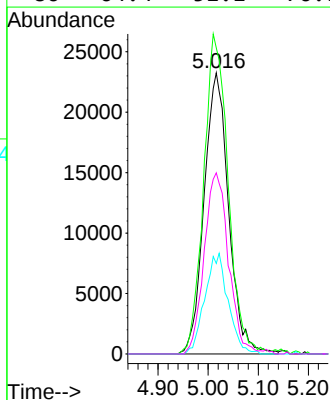
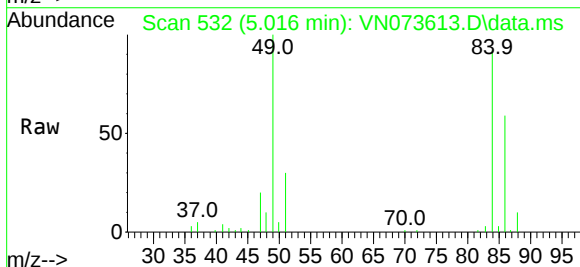
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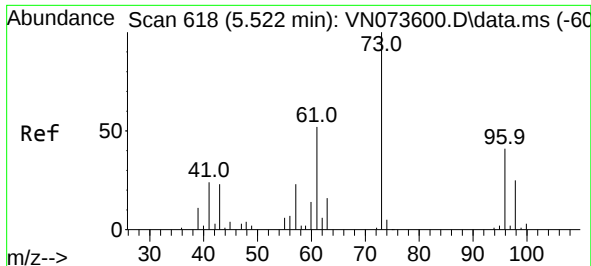
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022



#18
 Methylene Chloride
 Concen: 19.942 ug/l
 RT: 5.016 min Scan# 532
 Delta R.T. 0.000 min
 Lab File: VN073613.D
 Acq: 27 Jul 2022 18:05

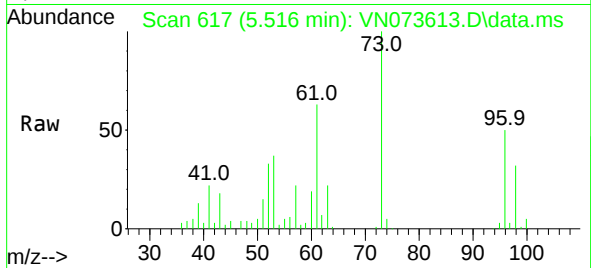
Tgt Ion: 84 Resp: 78914
 Ion Ratio Lower Upper
 84 100
 49 108.9 91.4 137.0
 51 32.2 29.4 44.0
 86 64.4 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 19.136 ug/l
RT: 5.516 min Scan# 618
Delta R.T. -0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

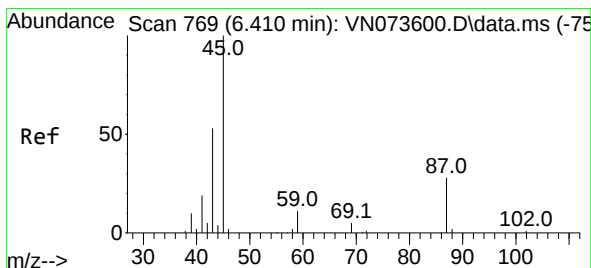
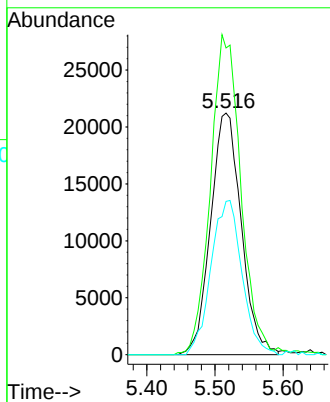
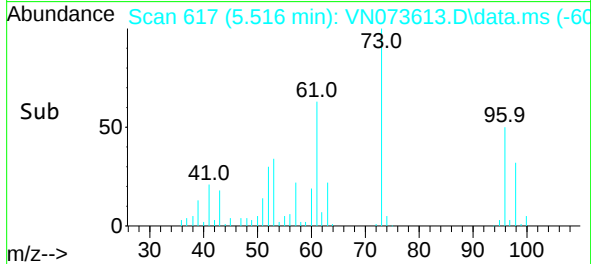
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



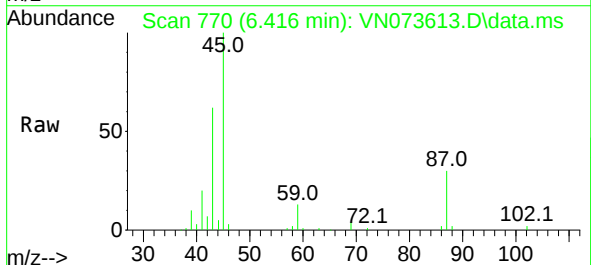
Tgt Ion: 96 Resp: 66262
Ion Ratio Lower Upper
96 100
61 126.1 102.8 154.2
98 63.4 49.3 73.9

Manual Integrations
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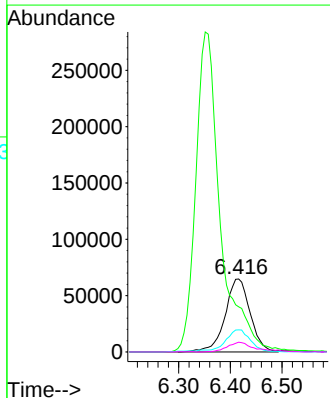
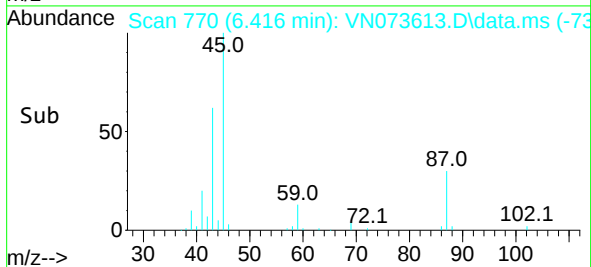
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

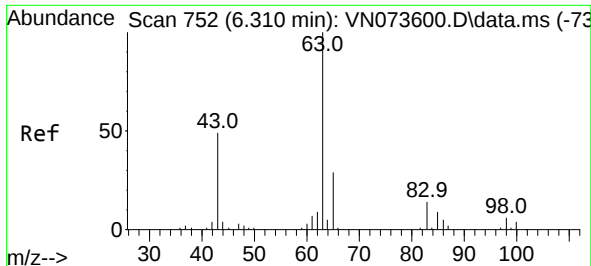


#20
Diisopropyl ether
Concen: 19.237 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05



Tgt Ion: 45 Resp: 217999
Ion Ratio Lower Upper
45 100
43 57.3 51.0 76.4
87 29.5 25.0 37.4
59 13.1 8.7 13.1#





#21

1,1-Dichloroethane

Concen: 19.334 ug/l

RT: 6.304 min Scan# 71

Delta R.T. -0.006 min

Lab File: VN073613.D

Acq: 27 Jul 2022 18:05

Instrument :

MSVOA_N

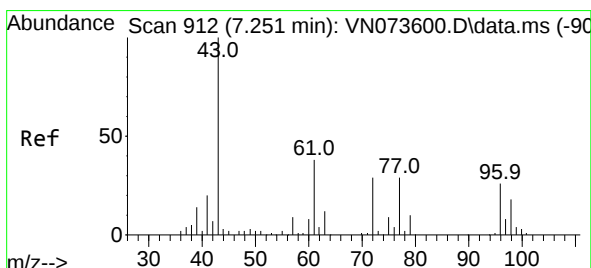
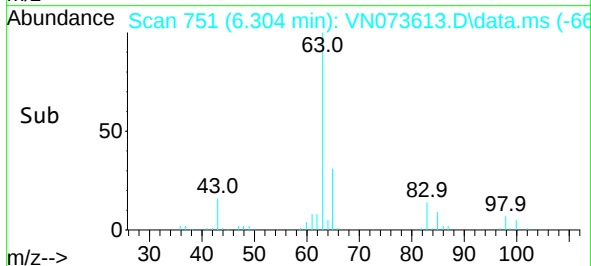
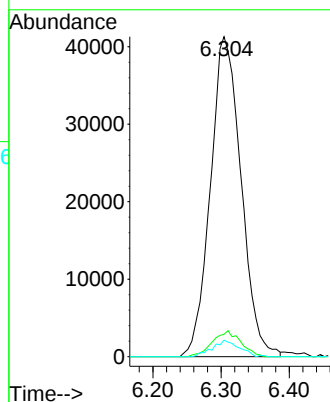
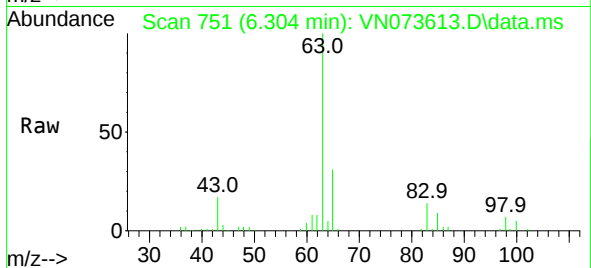
ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 12928
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.2 9.6
 100 5.1 2.1 6.2

Manual Integrations
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Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022



#22

cis-1,2-Dichloroethene

Concen: 19.426 ug/l

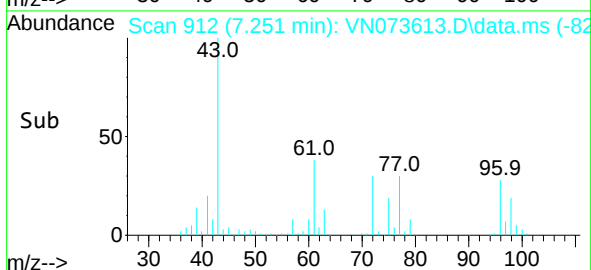
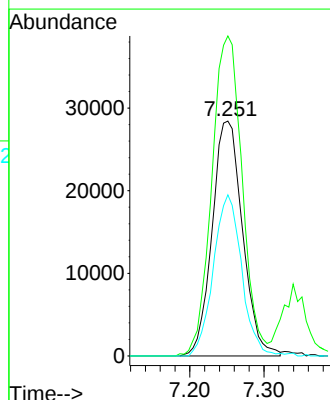
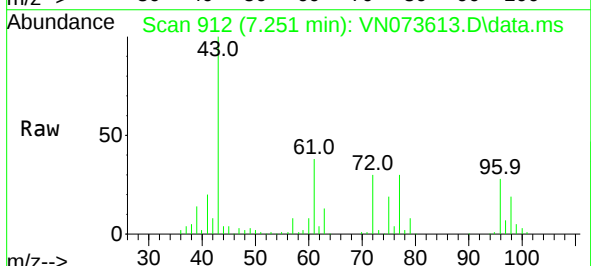
RT: 7.251 min Scan# 912

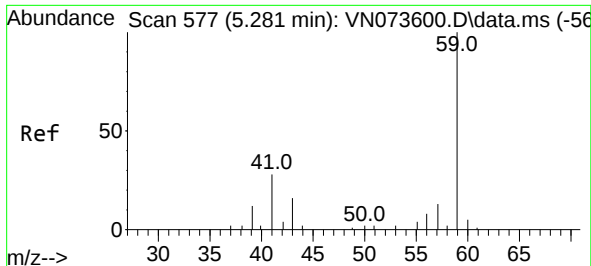
Delta R.T. 0.000 min

Lab File: VN073613.D

Acq: 27 Jul 2022 18:05

Tgt Ion: 96 Resp: 80917
 Ion Ratio Lower Upper
 96 100
 61 136.1 115.7 173.5
 98 63.9 51.6 77.4





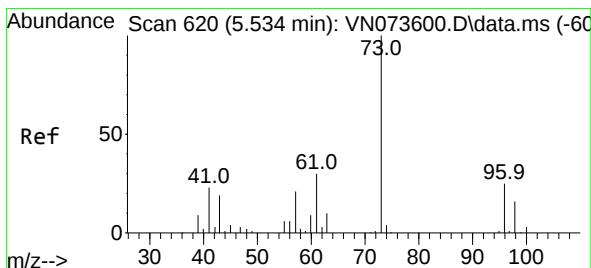
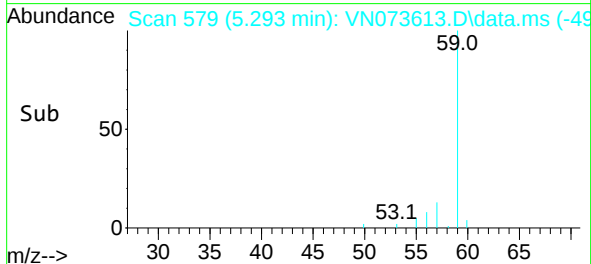
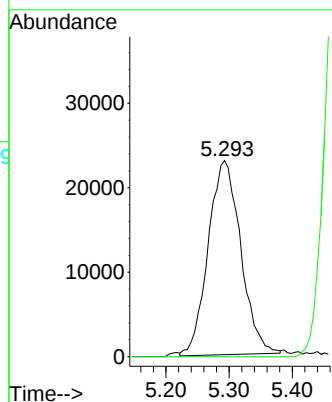
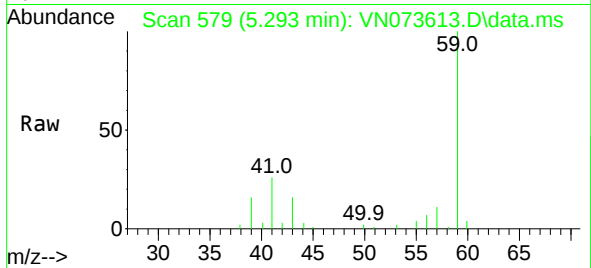
#23
tert-Butyl Alcohol
Concen: 95.156 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 8237
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

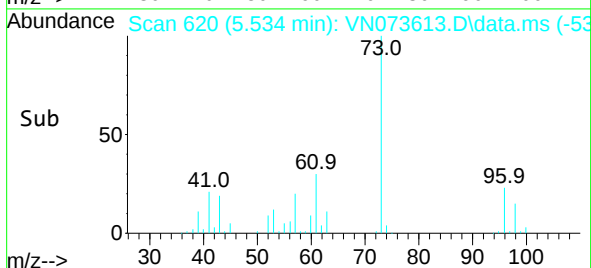
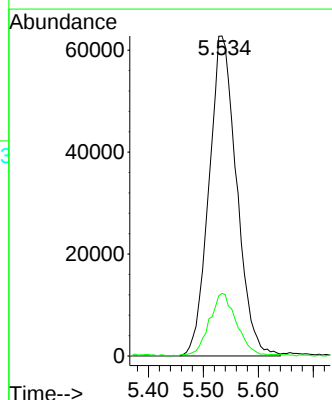
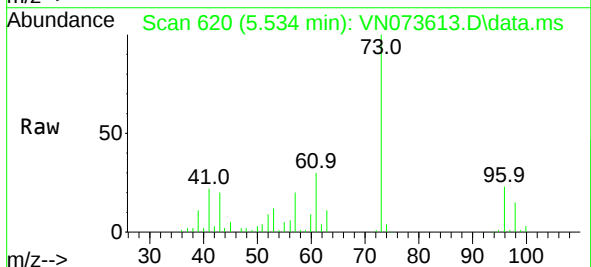
Manual Integrations
APPROVED

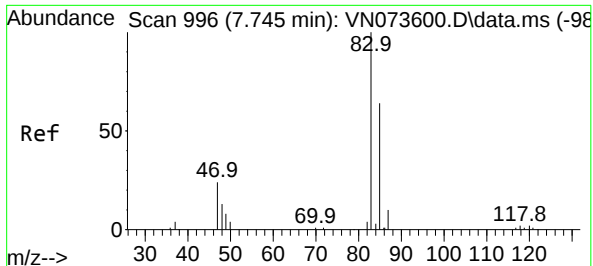
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#24
Methyl tert-Butyl Ether
Concen: 19.951 ug/l
RT: 5.534 min Scan# 620
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

Tgt Ion: 73 Resp: 219578
Ion Ratio Lower Upper
73 100
43 19.3 18.1 27.1





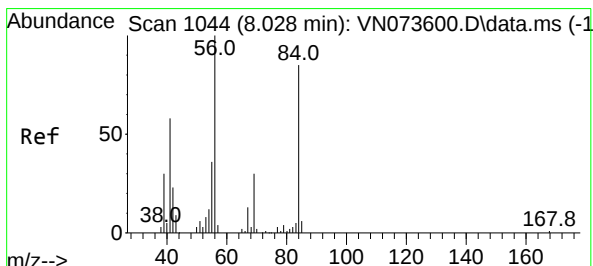
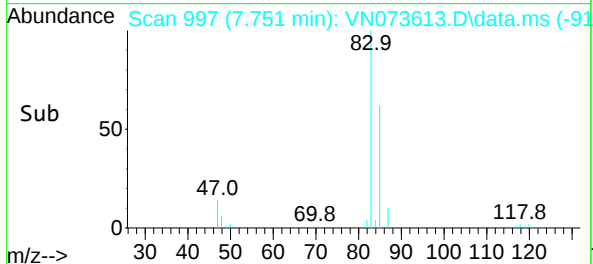
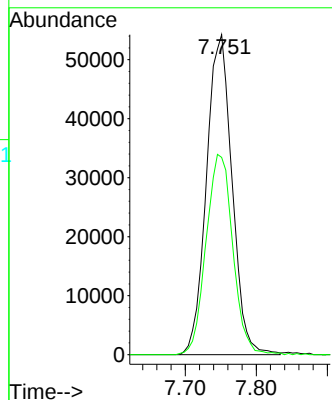
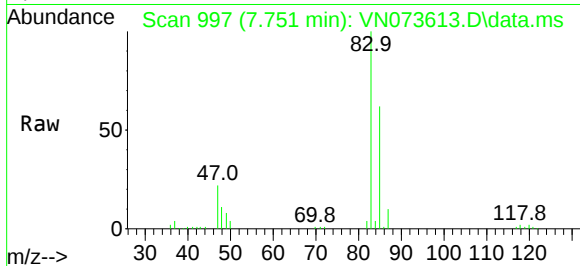
#25
Chloroform
Concen: 19.700 ug/l
RT: 7.751 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 135970
Ion Ratio Lower Upper
83 100
85 61.2 51.3 76.9

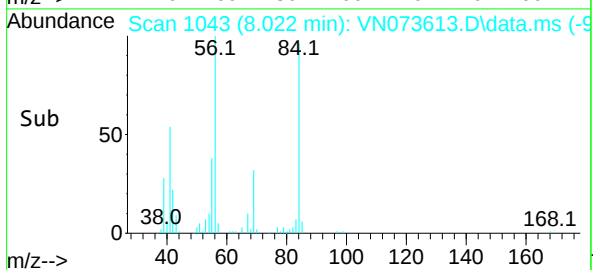
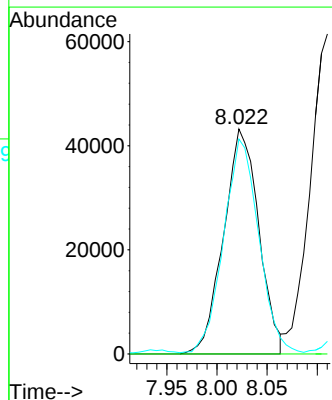
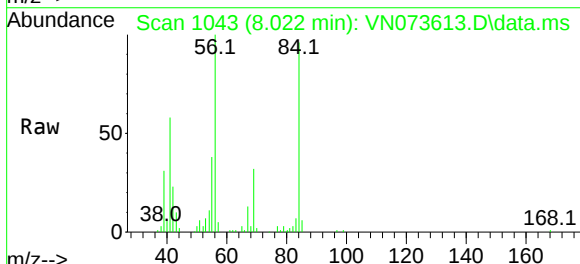
Manual Integrations
APPROVED

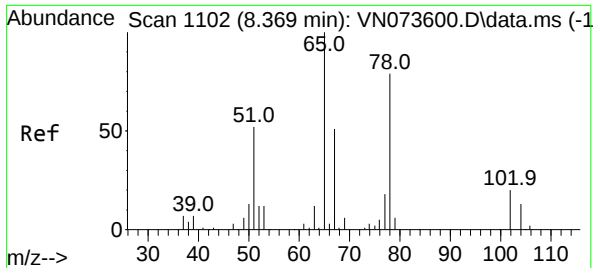
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#26
Cyclohexane
Concen: 18.290 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

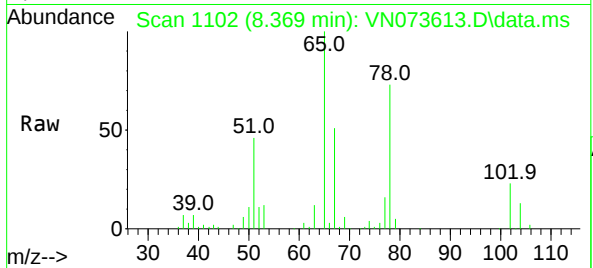
Tgt Ion: 56 Resp: 105494
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 96.0 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 31.120 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

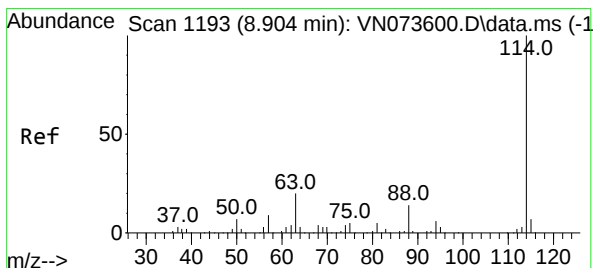
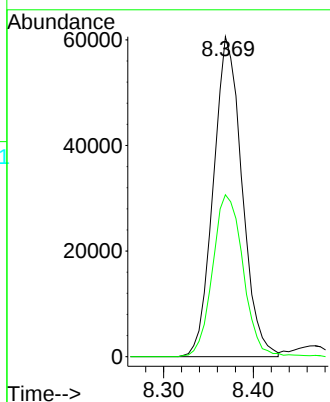
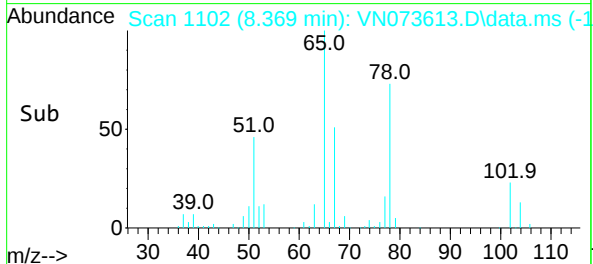
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



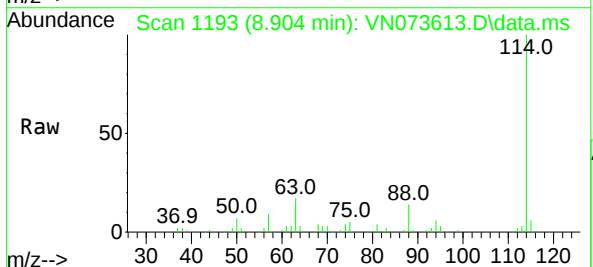
Tgt Ion: 65 Resp: 13422
Ion Ratio Lower Upper
65 100
67 53.6 40.2 60.2

Manual Integrations
APPROVED

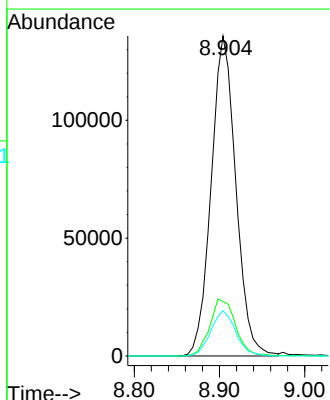
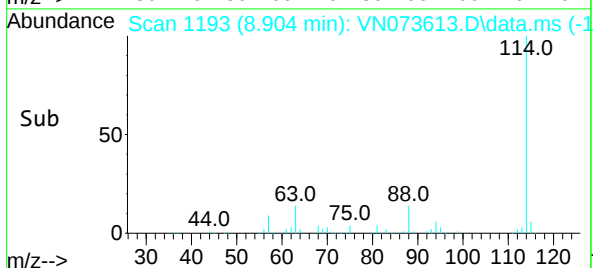
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

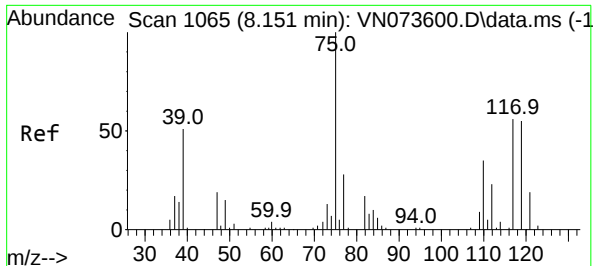


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05



Tgt Ion:114 Resp: 273460
Ion Ratio Lower Upper
114 100
63 18.4 15.8 23.6
88 14.3 11.6 17.4





#29
1,1-Dichloropropene
Concen: 18.403 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

Instrument :

MSVOA_N

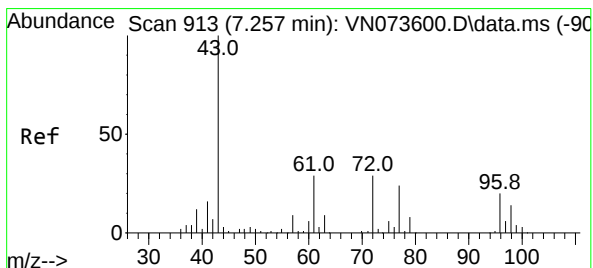
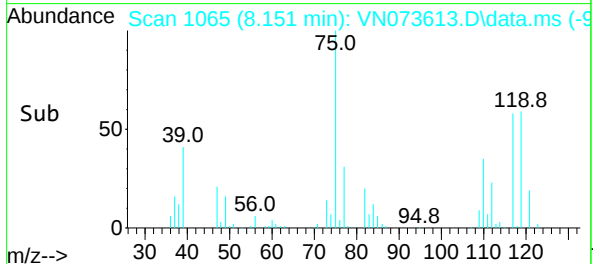
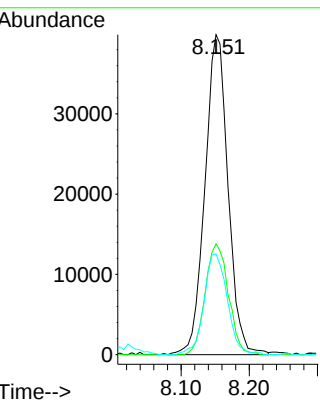
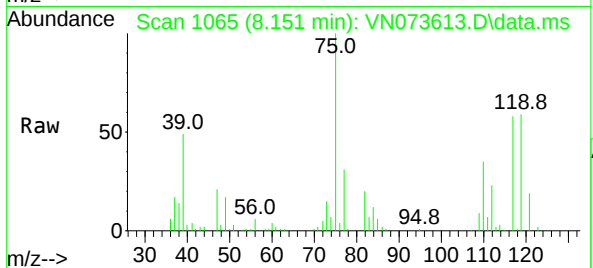
ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 9403
Ion Ratio Lower Upper
75 100
110 34.8 0.0 74.2
77 31.7 0.0 63.2

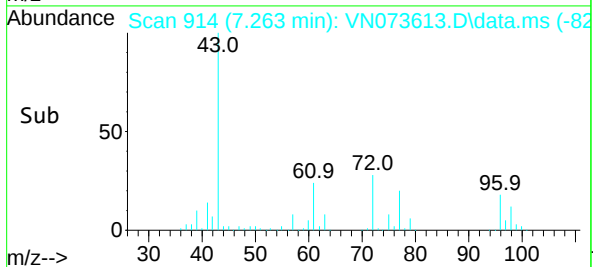
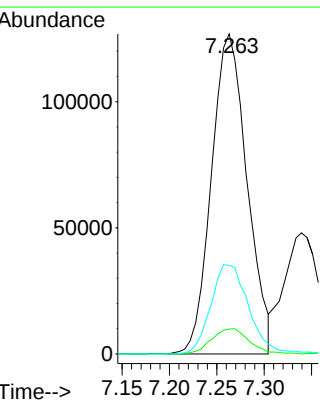
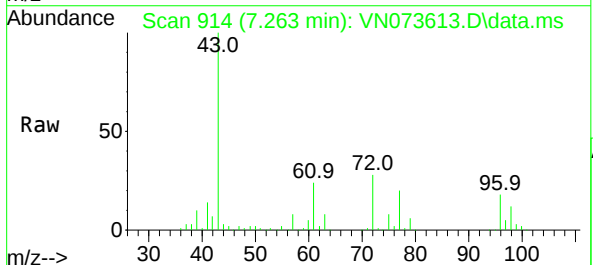
Manual Integrations
APPROVED

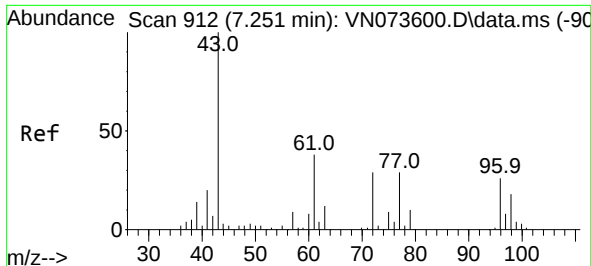
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#30
2-Butanone
Concen: 93.946 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

Tgt Ion: 43 Resp: 331834
Ion Ratio Lower Upper
43 100
57 8.2 6.7 10.1
72 29.8 23.2 34.8





#31

2,2-Dichloropropane

Concen: 17.847 ug/l

RT: 7.245 min Scan# 912

Delta R.T. -0.006 min

Lab File: VN073613.D

Acq: 27 Jul 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 77 Resp: 95154

Ion Ratio Lower Upper

77 100

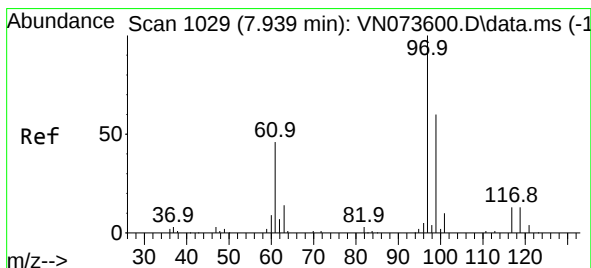
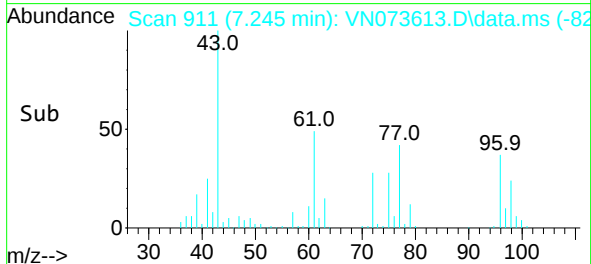
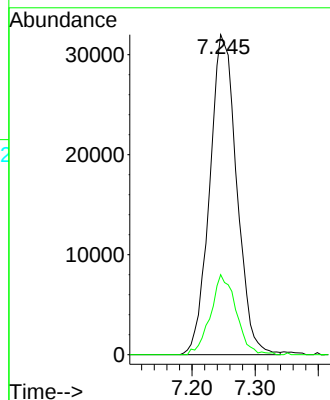
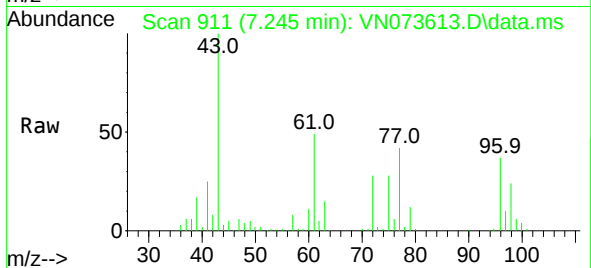
97 23.3 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#32

1,1,1-Trichloroethane

Concen: 19.159 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VN073613.D

Acq: 27 Jul 2022 18:05

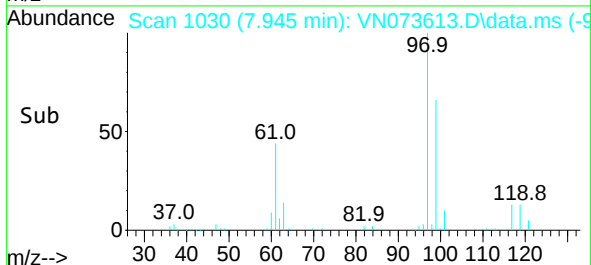
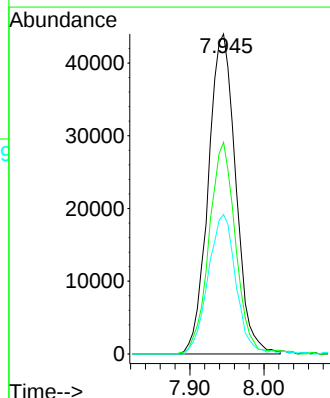
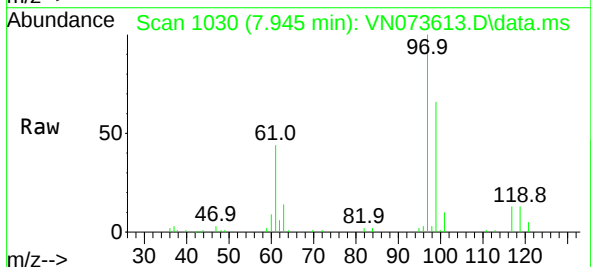
Tgt Ion: 97 Resp: 113305

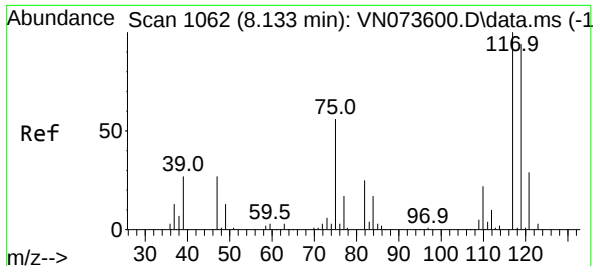
Ion Ratio Lower Upper

97 100

99 63.2 50.4 75.6

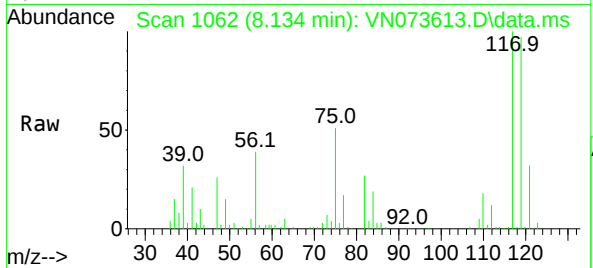
61 43.7 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.600 ug/l
RT: 8.134 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

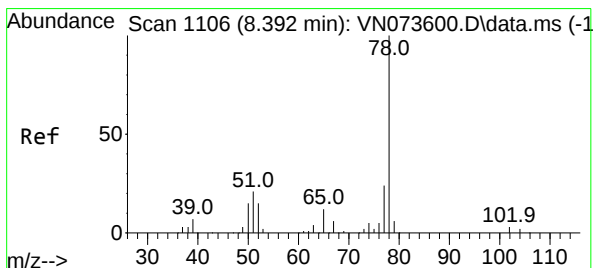
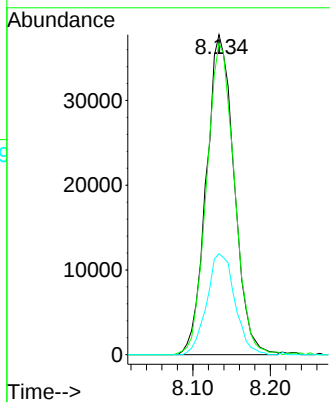
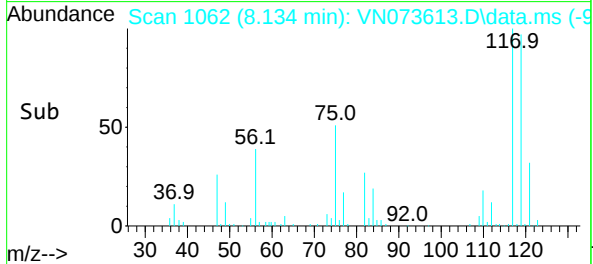
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



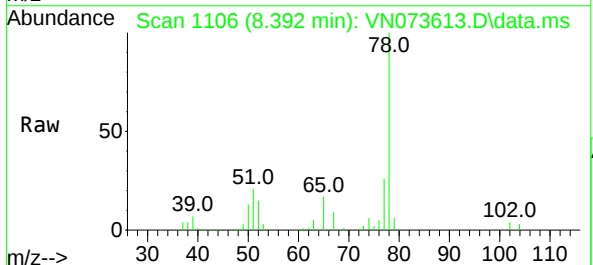
Tgt Ion:117 Resp: 94324
Ion Ratio Lower Upper
117 100
119 96.8 77.5 116.3
121 31.6 23.5 35.3

Manual Integrations
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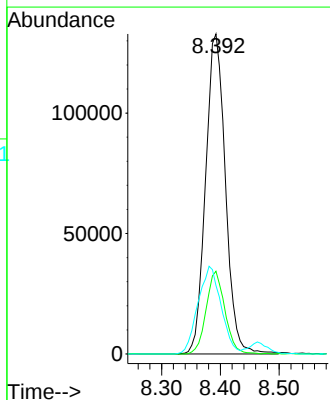
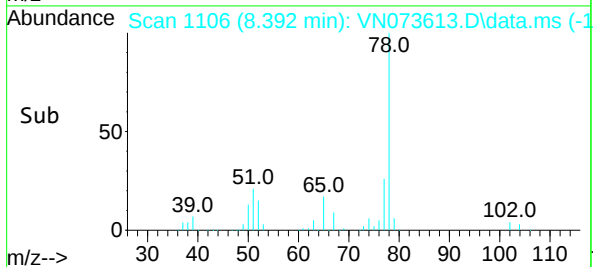
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

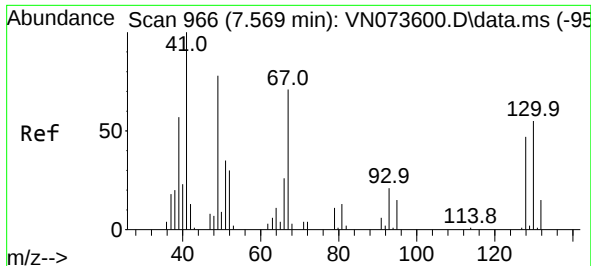


#34
Benzene
Concen: 18.875 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05



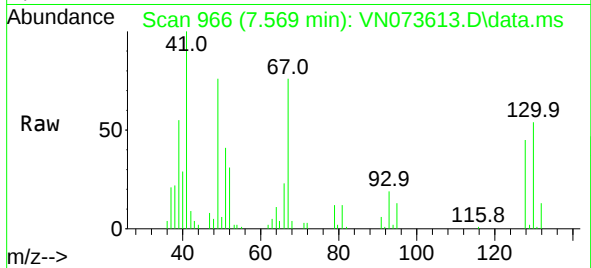
Tgt Ion: 78 Resp: 312085
Ion Ratio Lower Upper
78 100
77 25.9 19.1 28.7
51 21.3 16.0 24.0





#35
Methacrylonitrile
Concen: 19.486 ug/l
RT: 7.569 min Scan# 966
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

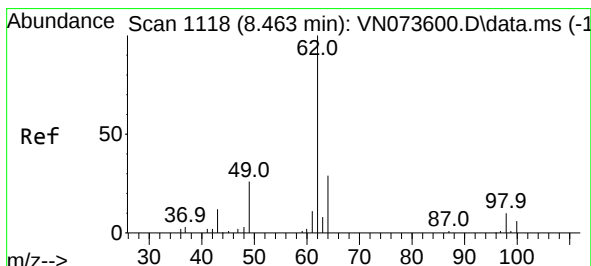
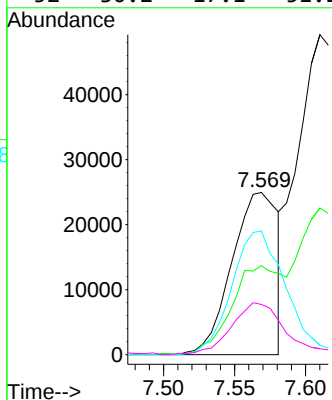
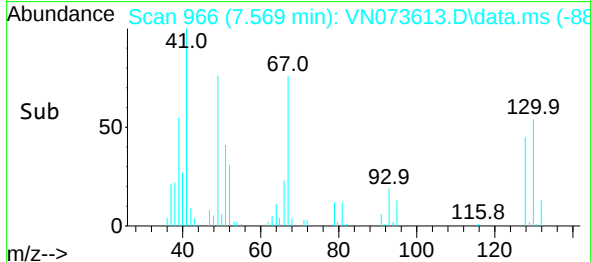
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 55872
Ion Ratio Lower Upper
41 100
39 54.8 28.0 83.9
67 76.3 37.7 113.1
52 30.2 17.1 51.2

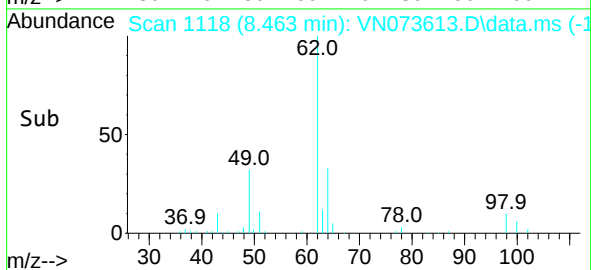
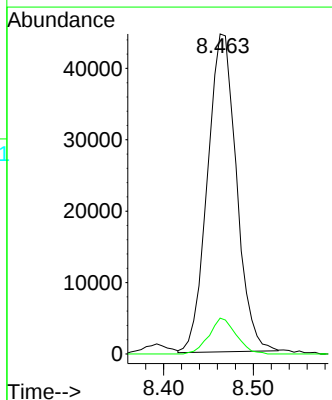
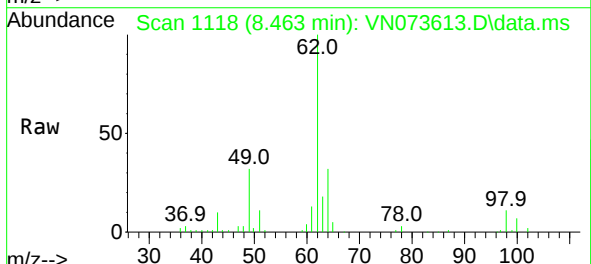
Manual Integrations
APPROVED

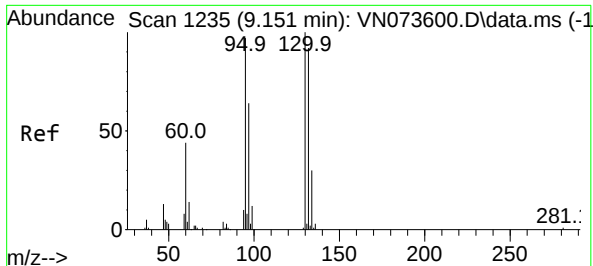
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#36
1,2-Dichloroethane
Concen: 18.358 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

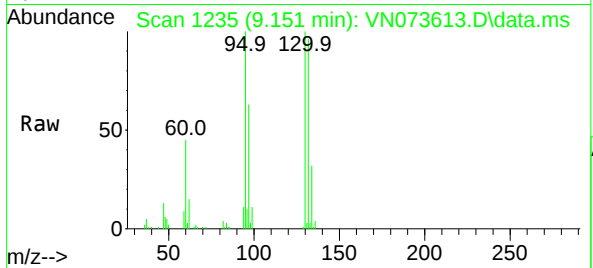
Tgt Ion: 62 Resp: 100091
Ion Ratio Lower Upper
62 100
98 10.5 6.6 10.0#





#37
Trichloroethene
Concen: 18.582 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

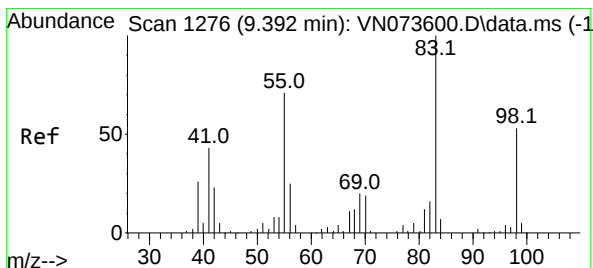
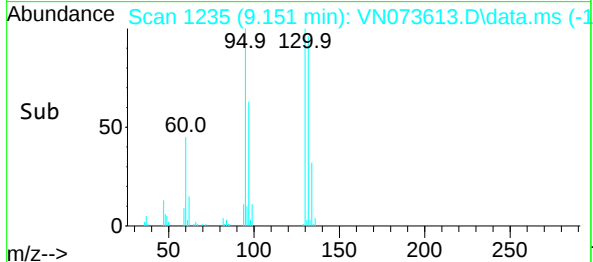
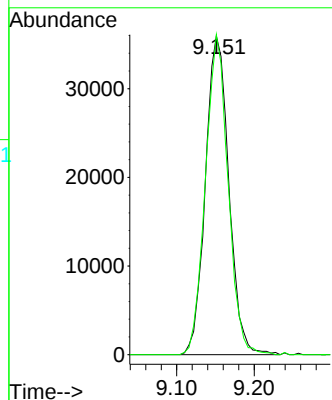
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:130 Resp: 7558
Ion Ratio Lower Upper
130 100
95 100.4 76.6 115.0

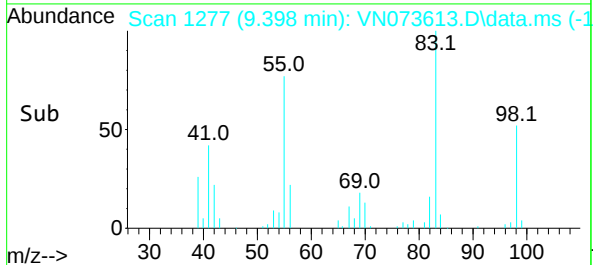
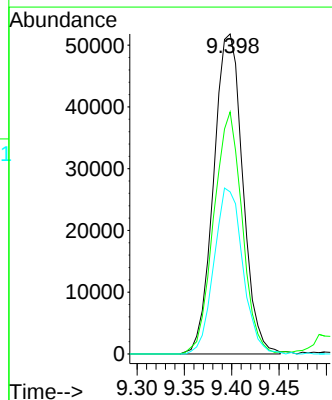
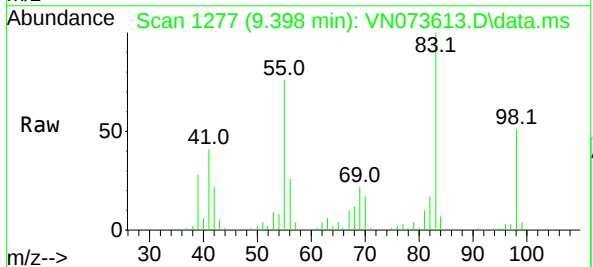
Manual Integrations
APPROVED

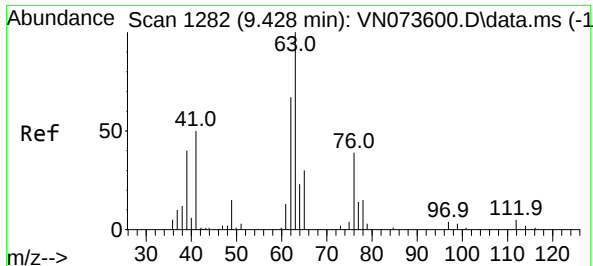
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#38
Methylcyclohexane
Concen: 17.477 ug/l
RT: 9.398 min Scan# 1277
Delta R.T. 0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

Tgt Ion: 83 Resp: 110855
Ion Ratio Lower Upper
83 100
55 73.6 35.1 105.3
98 51.2 23.4 70.2





#39

1,2-Dichloropropane

Concen: 18.532 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073613.D

Acq: 27 Jul 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 77302

Ion Ratio Lower Upper

63 100

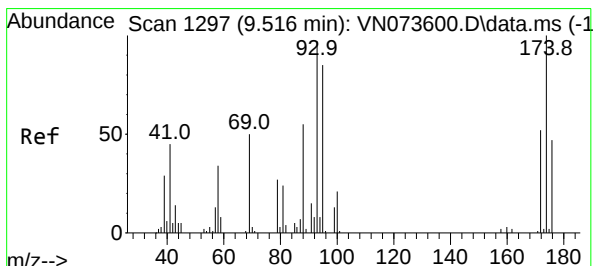
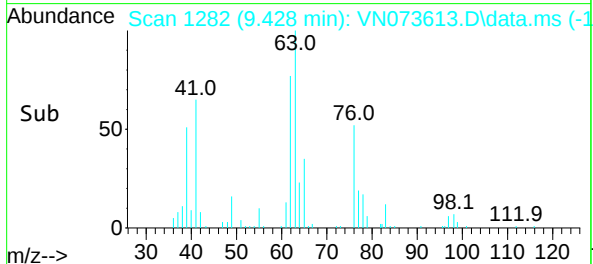
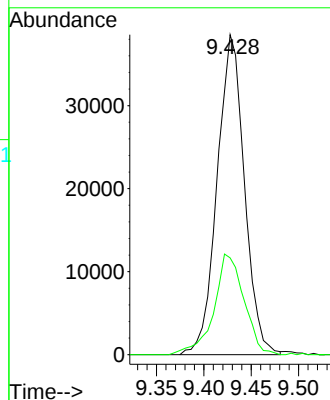
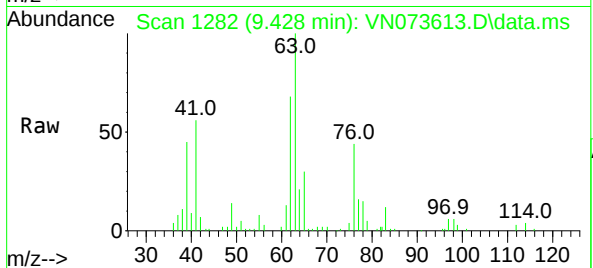
65 30.2 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#40

Dibromomethane

Concen: 19.190 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN073613.D

Acq: 27 Jul 2022 18:05

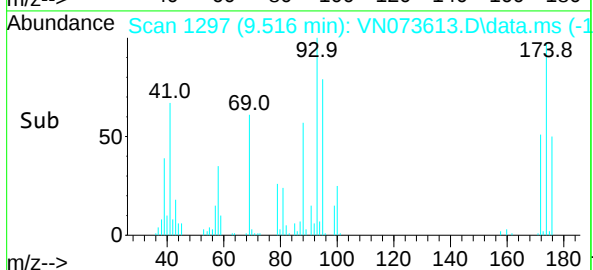
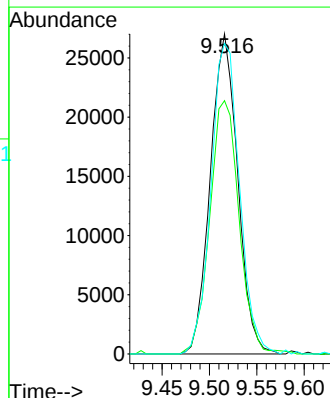
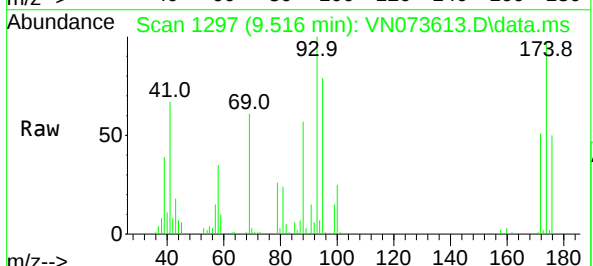
Tgt Ion: 93 Resp: 54318

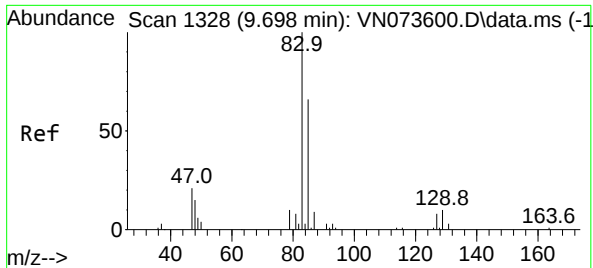
Ion Ratio Lower Upper

93 100

95 84.2 0.0 168.8

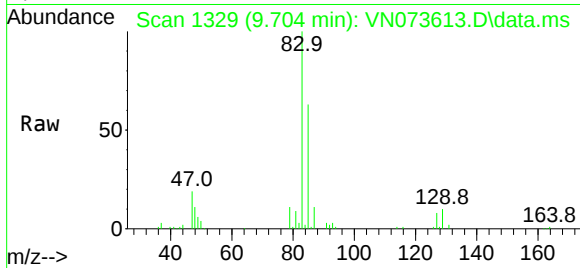
174 100.8 0.0 173.6





#41
Bromodichloromethane
Concen: 18.671 ug/l
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

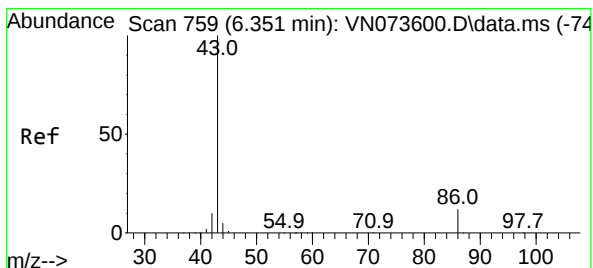
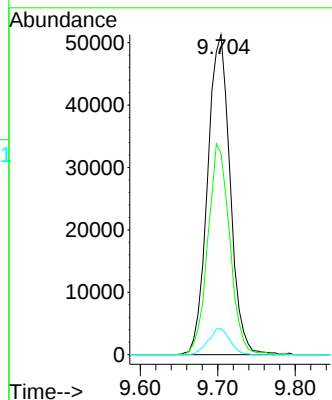
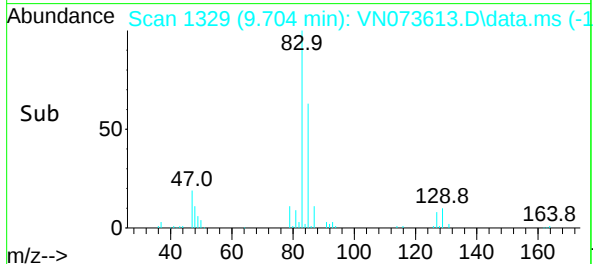
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



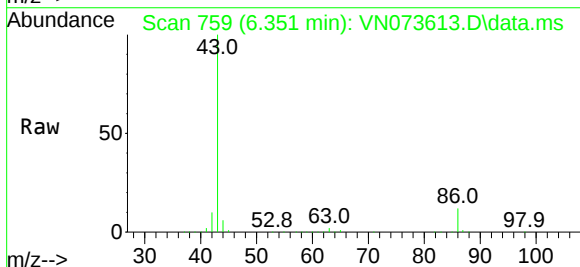
Tgt Ion: 83 Resp: 103452
Ion Ratio Lower Upper
83 100
85 62.6 54.1 81.1
127 8.1 7.6 11.4

Manual Integrations
APPROVED

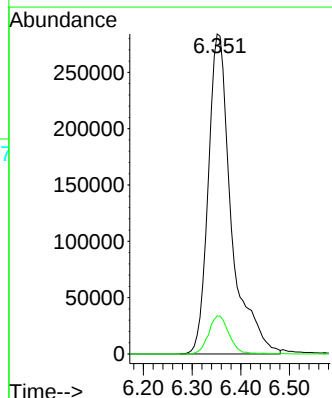
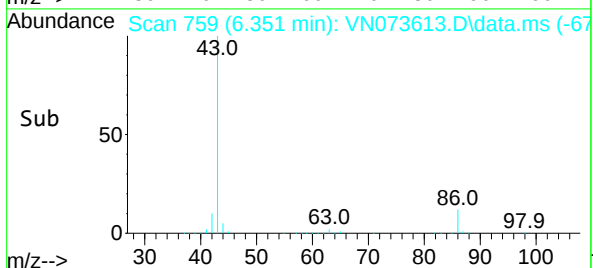
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

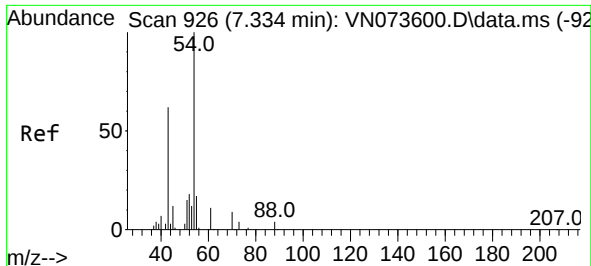


#42
Vinyl Acetate
Concen: 91.637 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05



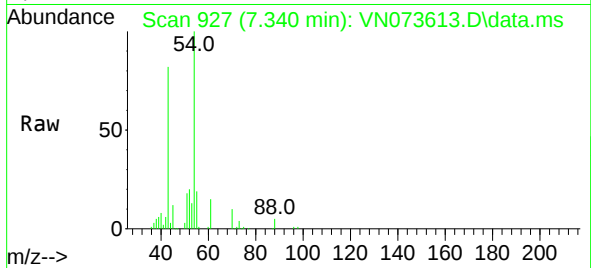
Tgt Ion: 43 Resp: 932694
Ion Ratio Lower Upper
43 100
86 10.5 7.5 11.3





#43
Ethyl Acetate
Concen: 20.020 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

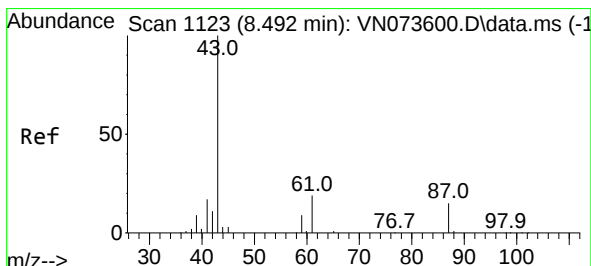
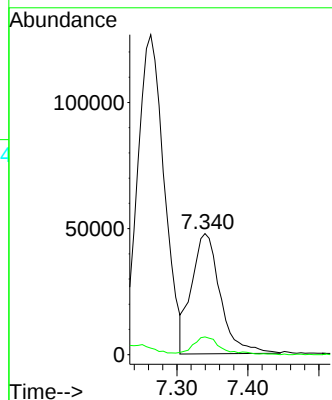
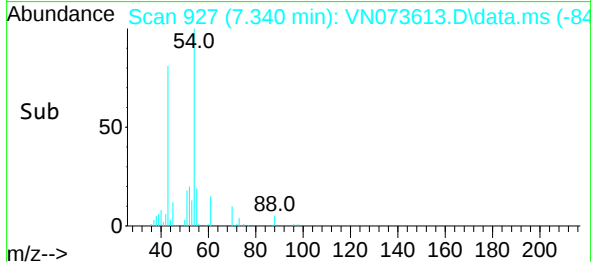
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 13424
Ion Ratio Lower Upper
43 100
45 11.4 10.6 16.0

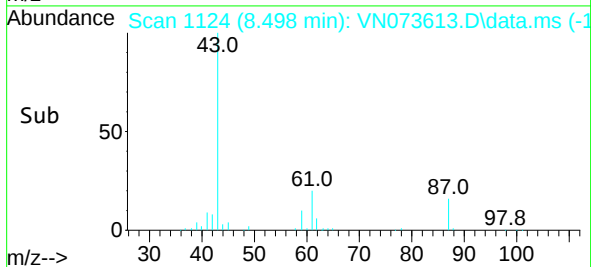
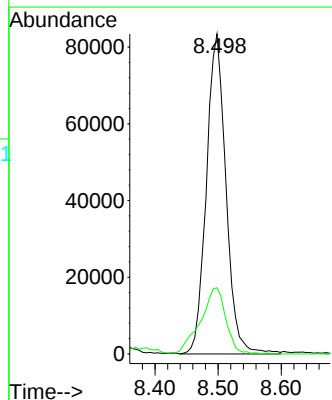
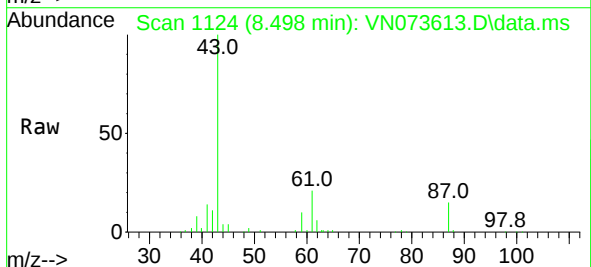
Manual Integrations
APPROVED

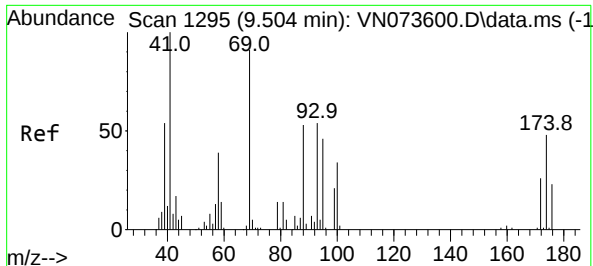
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#44
Isopropyl Acetate
Concen: 19.276 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

Tgt Ion: 43 Resp: 179750
Ion Ratio Lower Upper
43 100
61 26.8 20.1 30.1





#45

1,4-Dioxane

Concen: 372.064 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073613.D

Acq: 27 Jul 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88 Resp: 41369

Ion Ratio Lower Upper

88 100

43 28.4 25.0 37.6

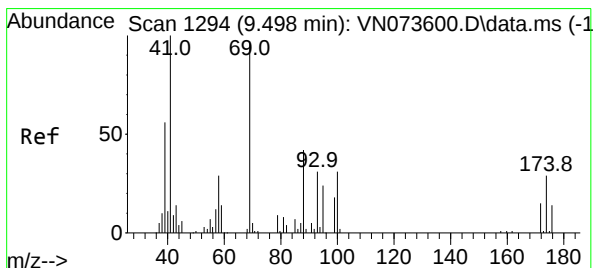
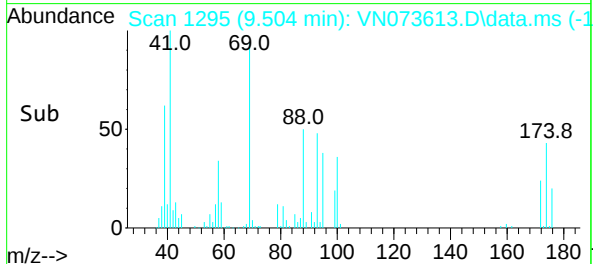
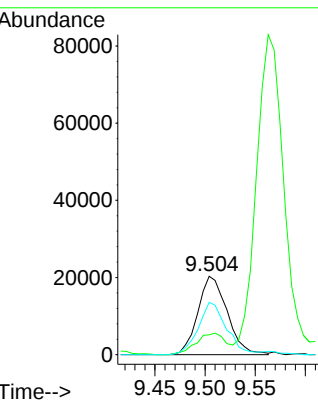
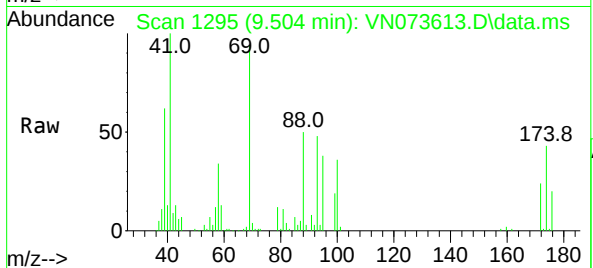
58 63.9 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#46

Methyl methacrylate

Concen: 17.786 ug/l

RT: 9.498 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VN073613.D

Acq: 27 Jul 2022 18:05

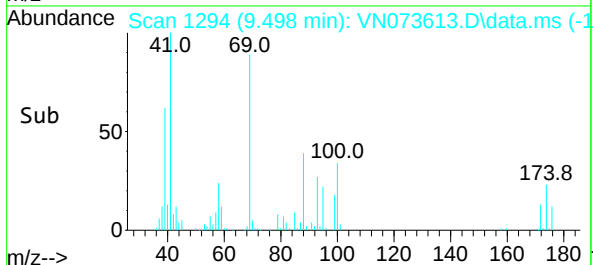
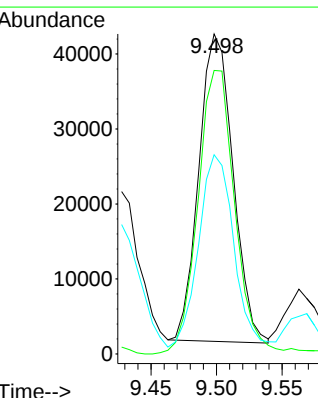
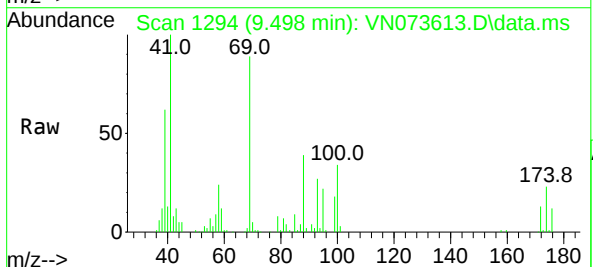
Tgt Ion: 41 Resp: 74169

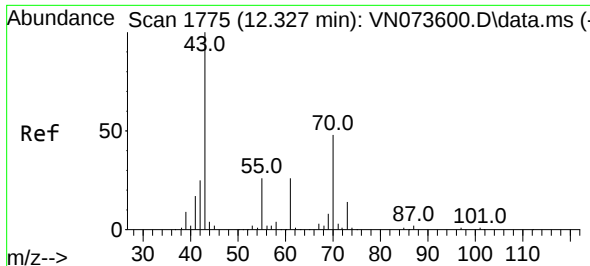
Ion Ratio Lower Upper

41 100

69 91.5 44.4 133.2

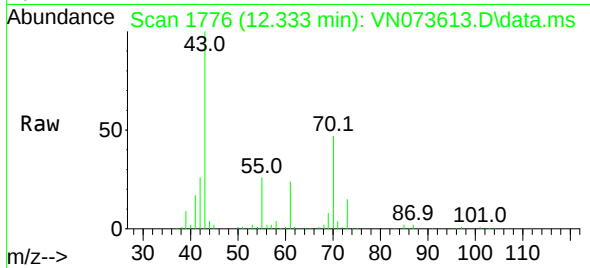
39 62.9 39.9 119.6





#47
n-amy1 Acetate
Concen: 17.841 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

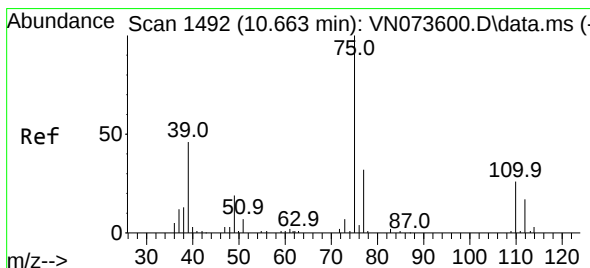
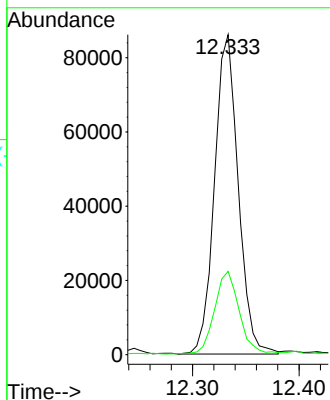
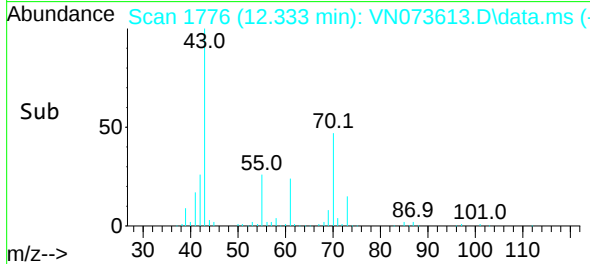
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 132630
Ion Ratio Lower Upper
43 100
55 26.7 19.0 28.6

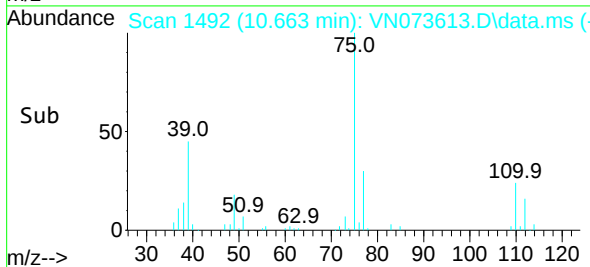
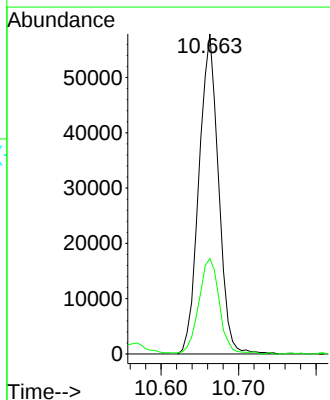
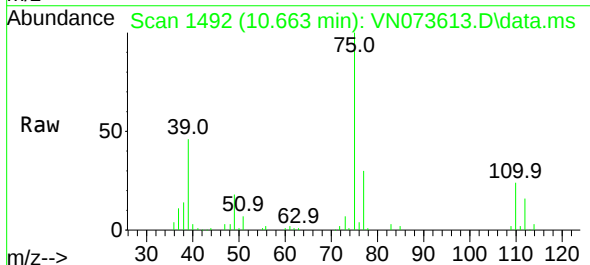
Manual Integrations
APPROVED

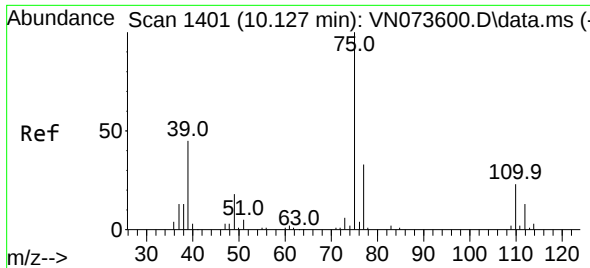
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#48
t-1,3-Dichloropropene
Concen: 17.744 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

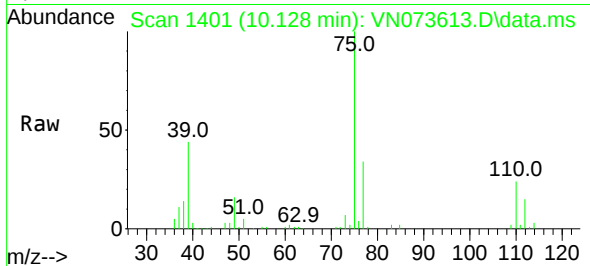
Tgt Ion: 75 Resp: 101219
Ion Ratio Lower Upper
75 100
77 29.8 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 18.049 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN073613.D
 Acq: 27 Jul 2022 18:05

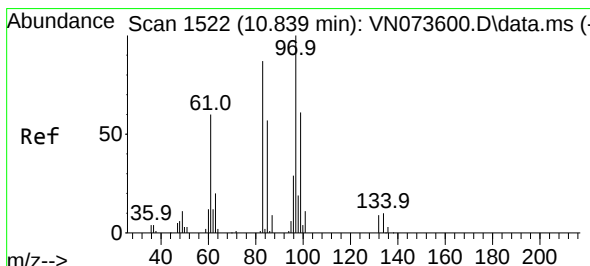
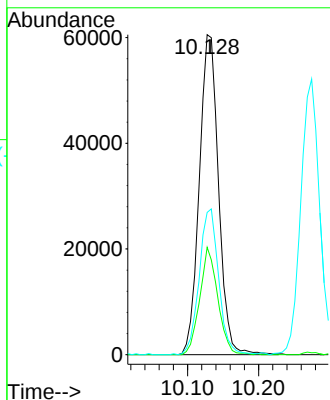
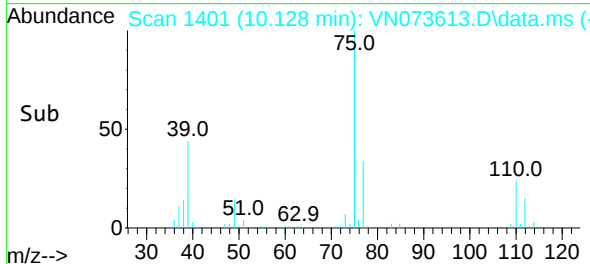
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 75 Resp: 11431
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.3 37.9
 39 44.4 46.2 69.4

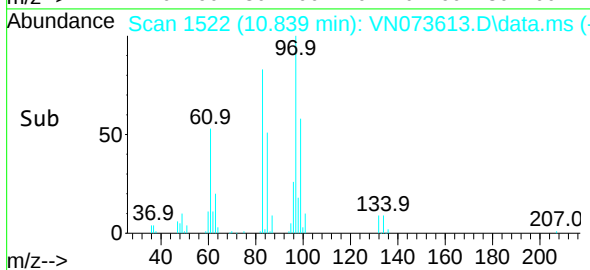
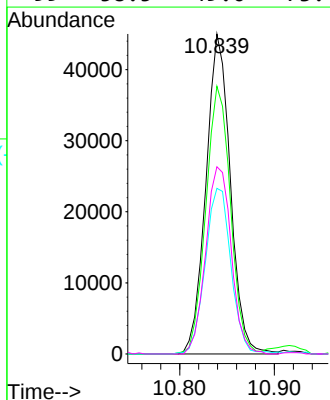
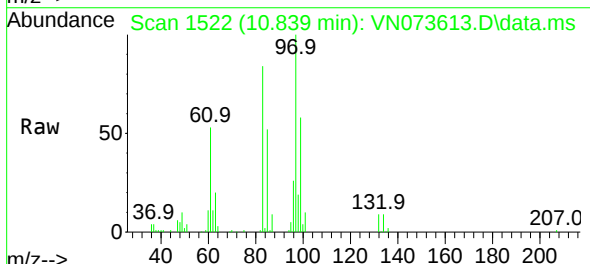
Manual Integrations
 APPROVED

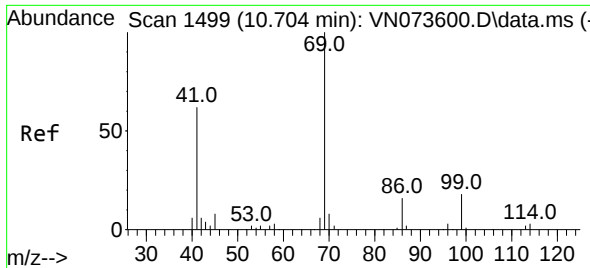
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022



#50
 1,1,2-Trichloroethane
 Concen: 19.041 ug/l
 RT: 10.839 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: VN073613.D
 Acq: 27 Jul 2022 18:05

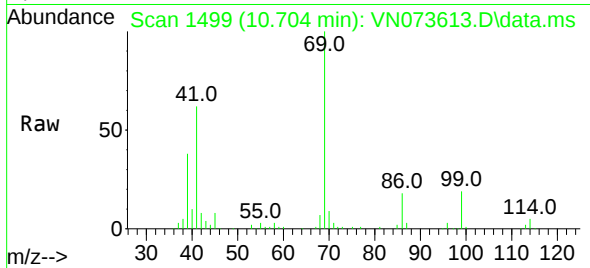
Tgt Ion: 97 Resp: 80857
 Ion Ratio Lower Upper
 97 100
 83 83.3 67.2 100.8
 85 51.4 43.0 64.4
 99 58.5 49.0 73.4





#51
Ethyl methacrylate
Concen: 17.793 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

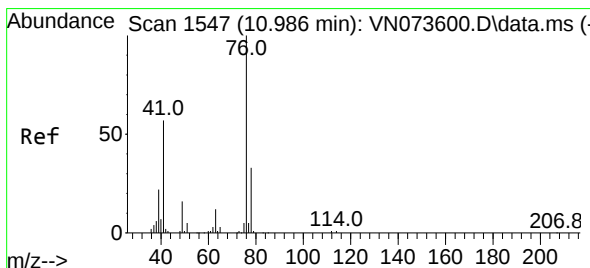
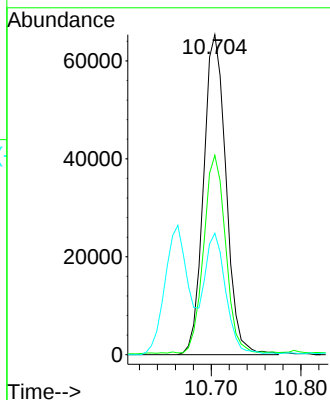
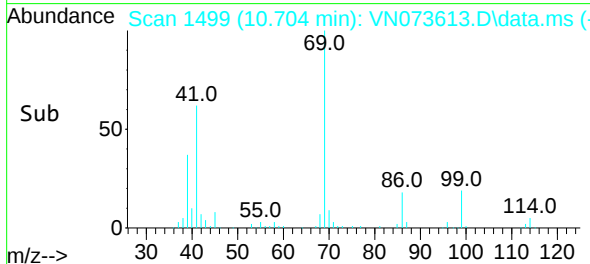
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



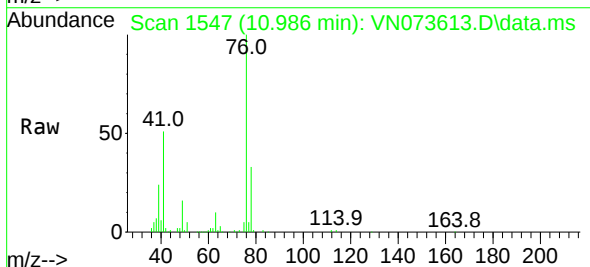
Tgt Ion: 69 Resp: 113590
Ion Ratio Lower Upper
69 100
41 61.7 33.0 98.9
39 37.6 25.4 76.4

Manual Integrations
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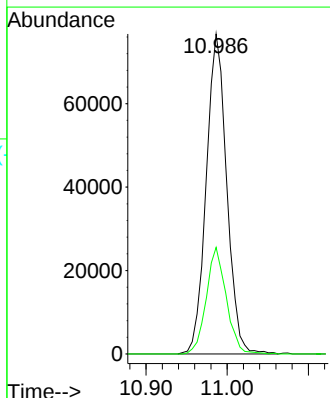
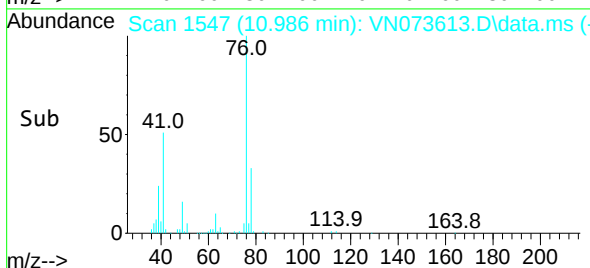
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

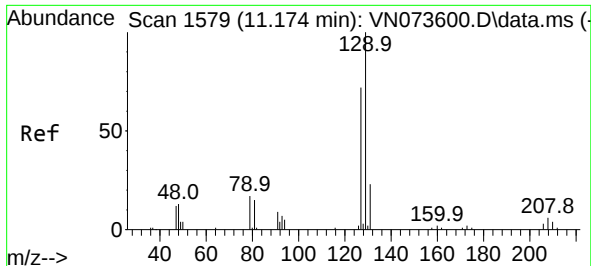


#52
1,3-Dichloropropane
Concen: 18.790 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05



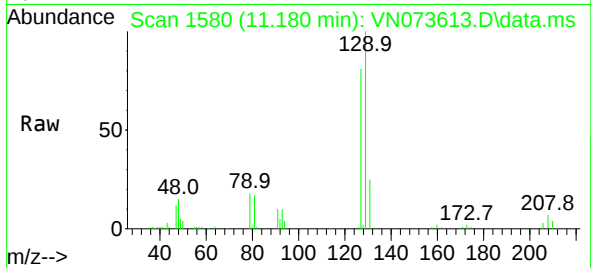
Tgt Ion: 76 Resp: 134490
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.4





#53
Dibromochloromethane
Concen: 17.826 ug/l
RT: 11.180 min Scan# 1579
Delta R.T. 0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

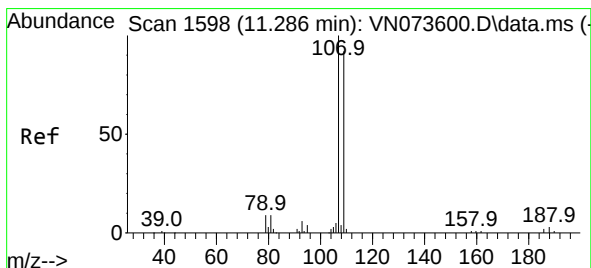
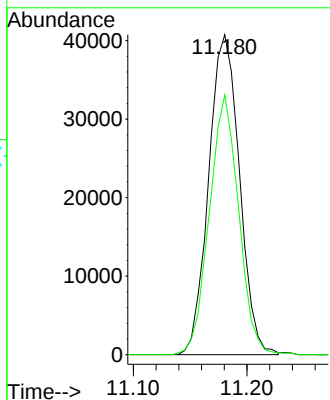
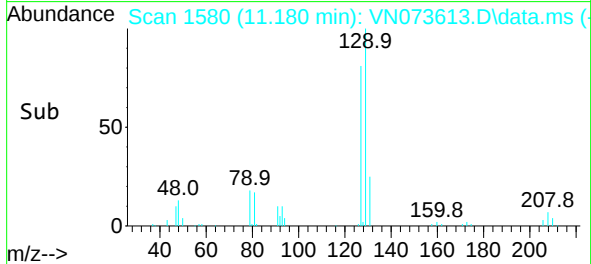
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 76715
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

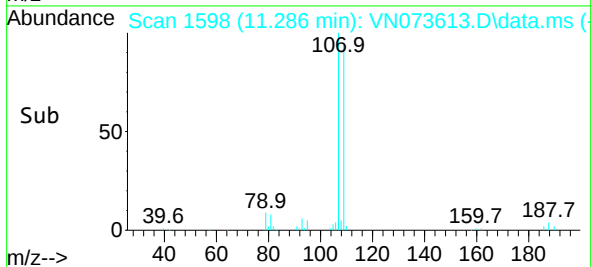
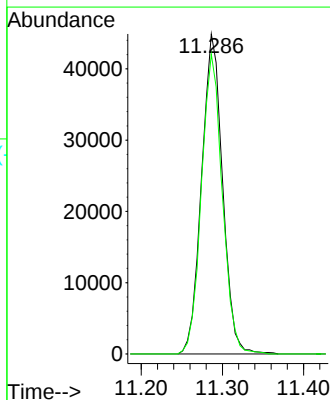
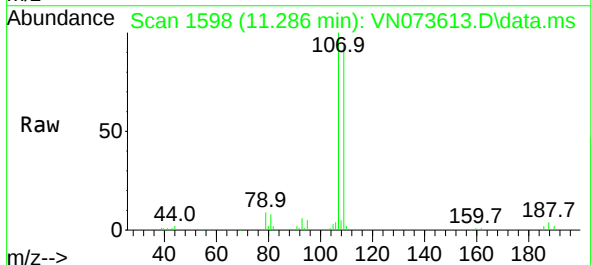
Manual Integrations
APPROVED

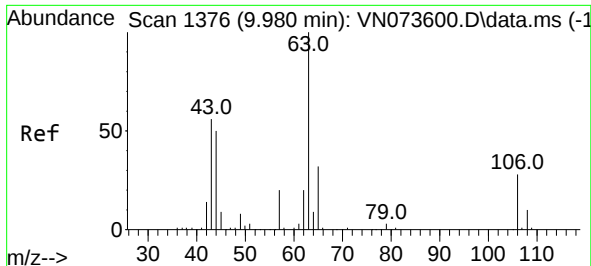
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#54
1,2-Dibromoethane
Concen: 18.587 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

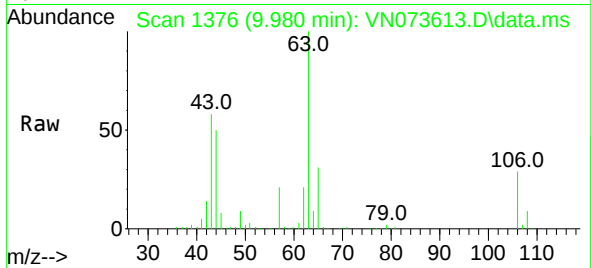
Tgt Ion:107 Resp: 80437
Ion Ratio Lower Upper
107 100
109 93.5 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 92.959 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

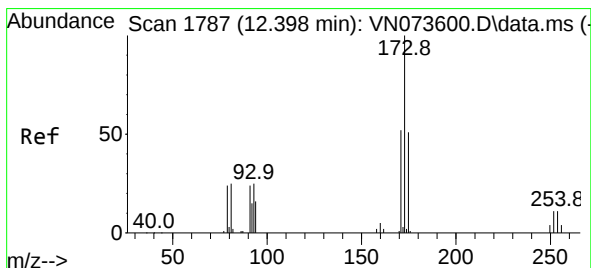
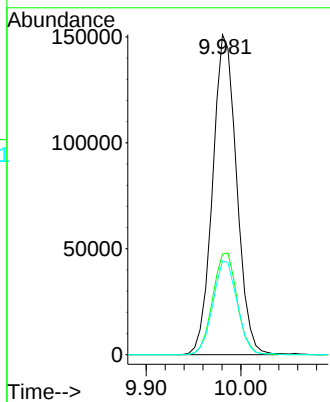
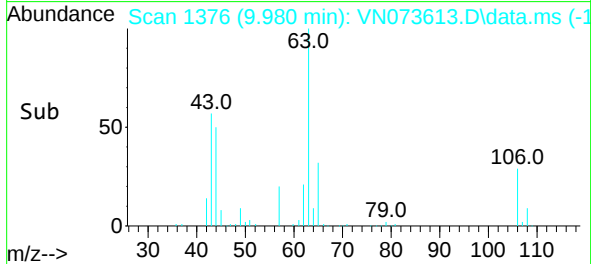
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 266178
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.0
106 29.6 23.2 34.8

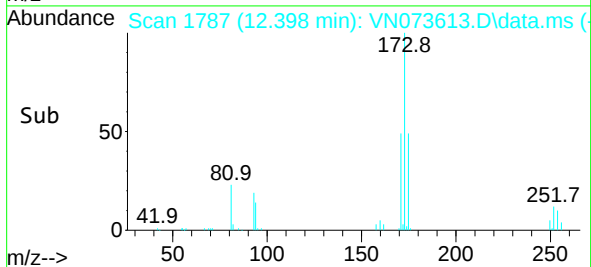
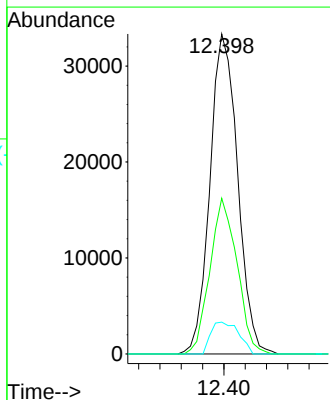
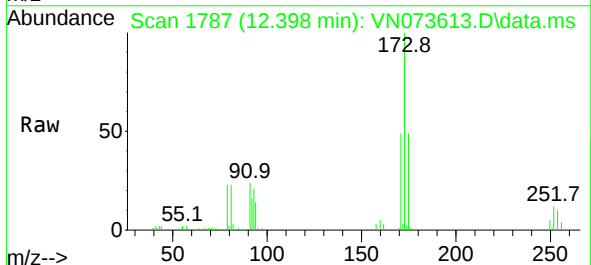
Manual Integrations
APPROVED

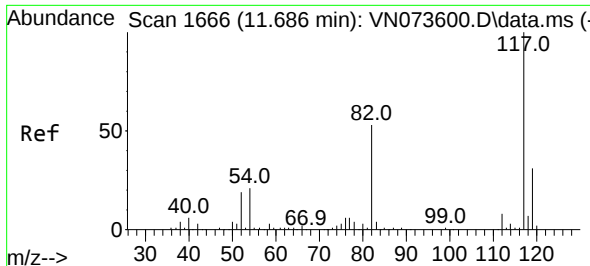
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#56
Bromoform
Concen: 17.798 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

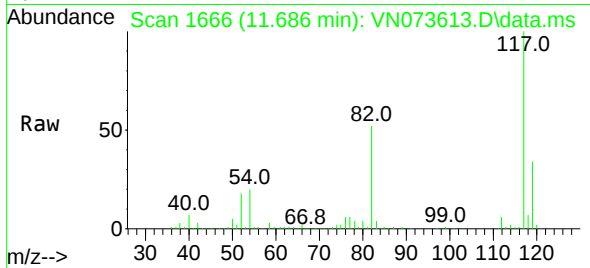
Tgt Ion:173 Resp: 60190
Ion Ratio Lower Upper
173 100
175 47.7 38.6 58.0
254 10.1 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

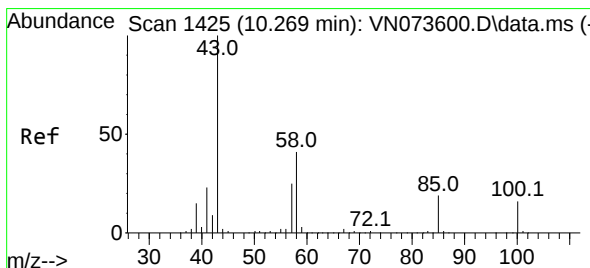
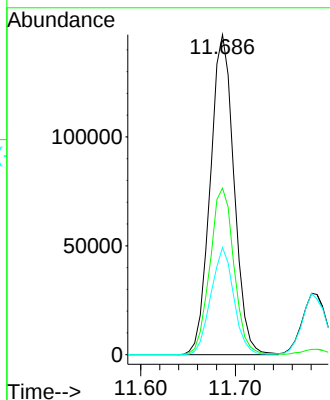
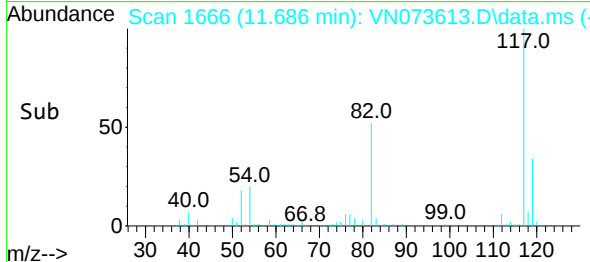
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



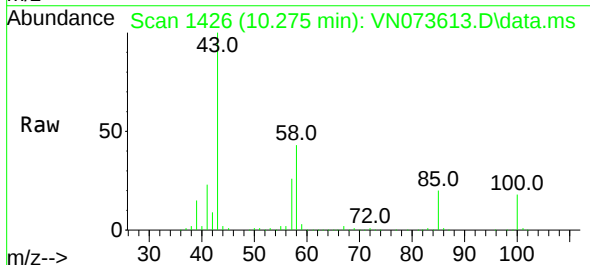
Tgt Ion:117 Resp: 256058
Ion Ratio Lower Upper
117 100
82 52.6 43.6 65.4
119 32.3 25.8 38.6

Manual Integrations
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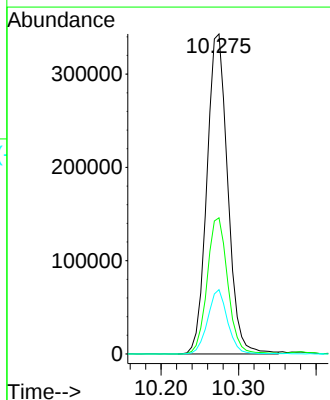
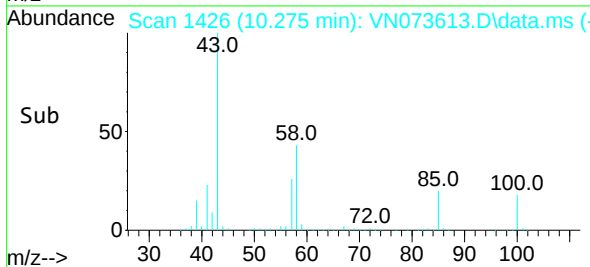
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

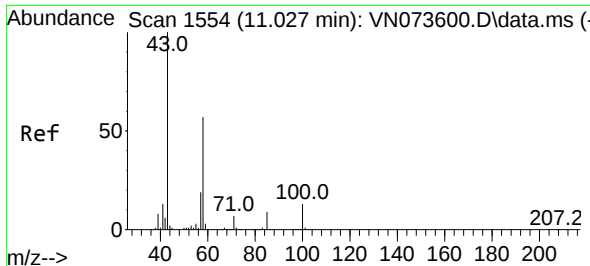


#58
4-Methyl-2-Pentanone
Concen: 96.784 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05



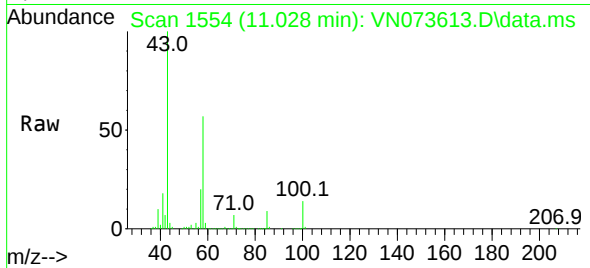
Tgt Ion: 43 Resp: 640798
Ion Ratio Lower Upper
43 100
58 42.2 30.0 45.0
85 19.1 15.0 22.6





#59
2-Hexanone
Concen: 95.698 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

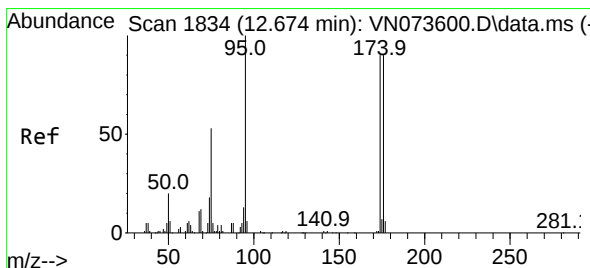
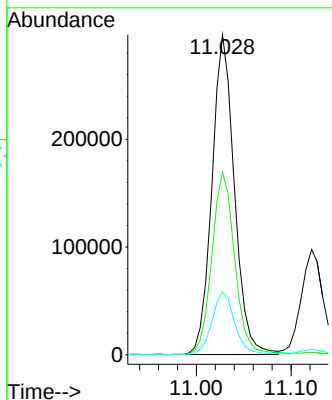
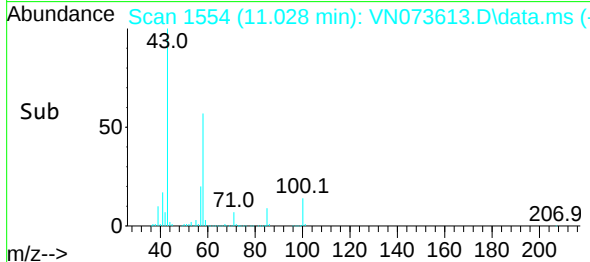
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 488029
Ion Ratio Lower Upper
43 100
58 58.3 42.2 63.2
57 19.7 15.0 22.4

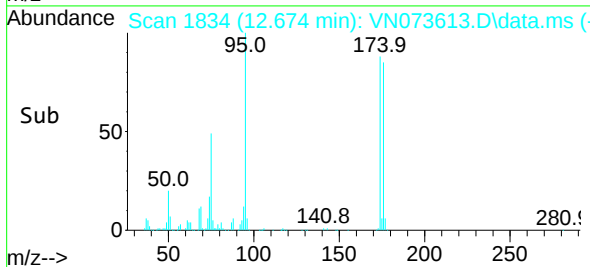
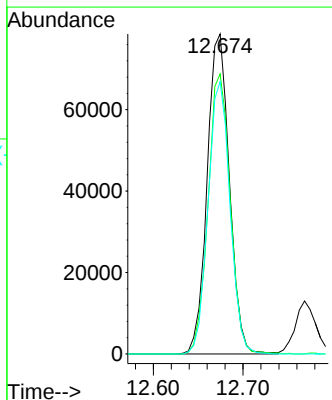
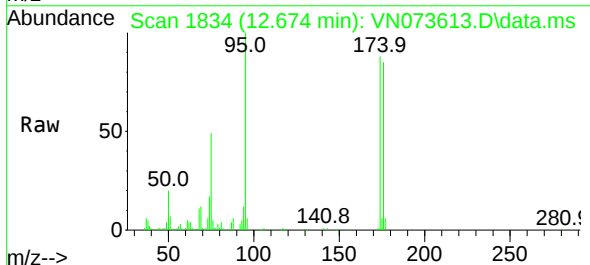
Manual Integrations
APPROVED

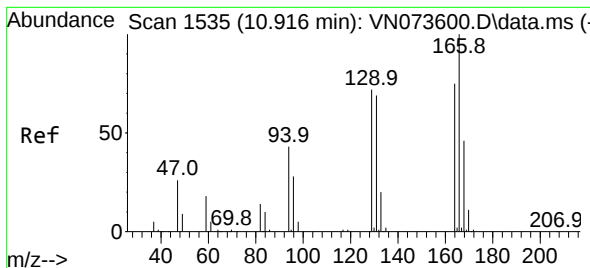
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#60
4-Bromofluorobenzene
Concen: 29.747 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

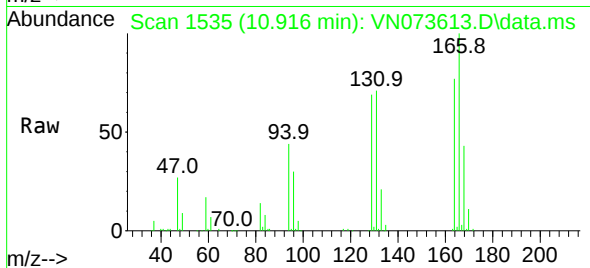
Tgt Ion: 95 Resp: 134869
Ion Ratio Lower Upper
95 100
174 87.0 62.9 94.3
176 83.9 61.0 91.4





#61
Tetrachloroethene
Concen: 19.165 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

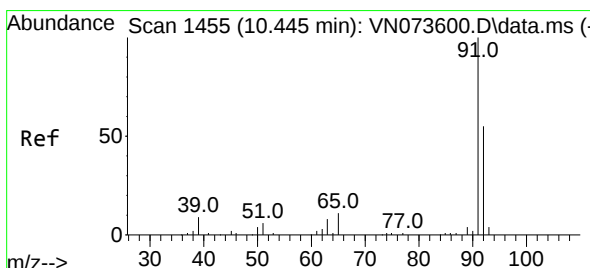
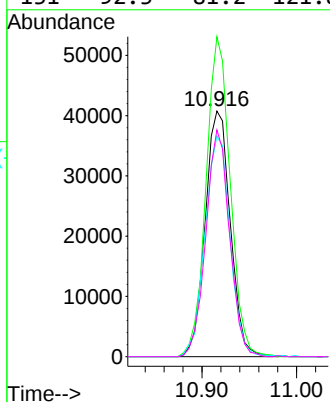
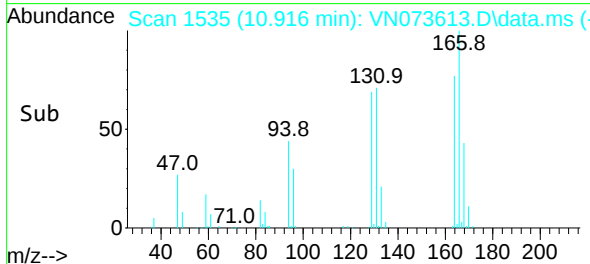
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



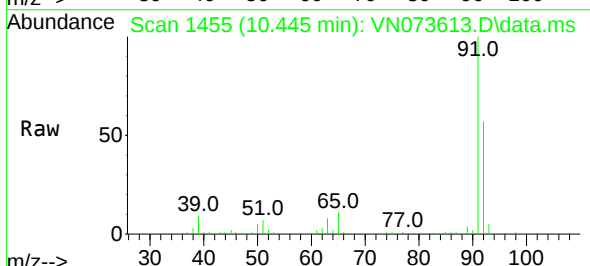
Tgt Ion:164 Resp: 75170
Ion Ratio Lower Upper
164 100
166 130.3 105.8 158.8
129 89.9 82.5 123.7
131 92.3 81.2 121.8

Manual Integrations
APPROVED

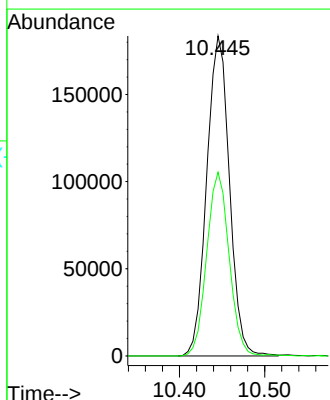
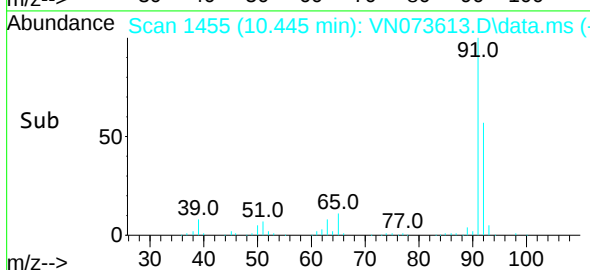
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

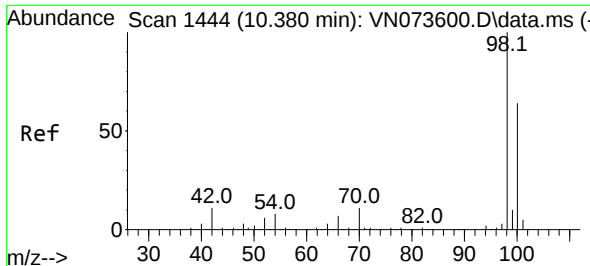


#62
Toluene
Concen: 19.079 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05



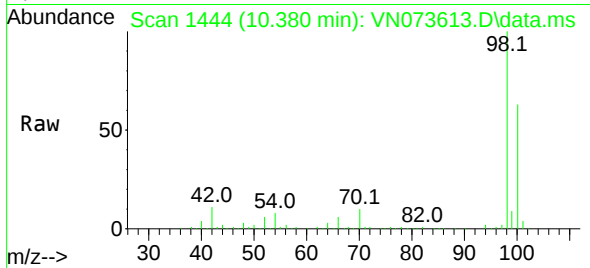
Tgt Ion: 91 Resp: 339724
Ion Ratio Lower Upper
91 100
92 56.5 44.6 67.0





#63
Toluene-d8
Concen: 30.689 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

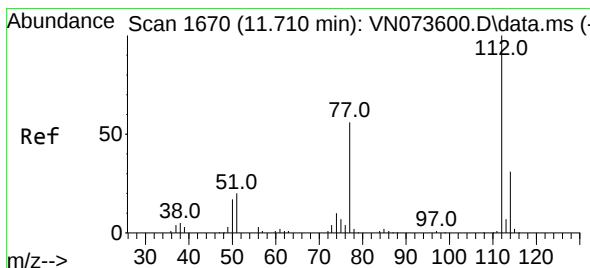
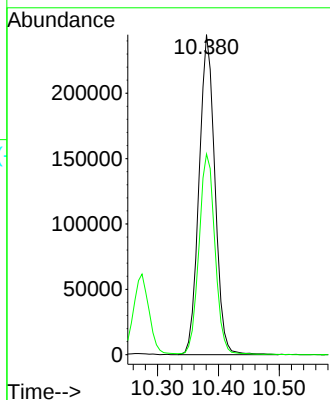
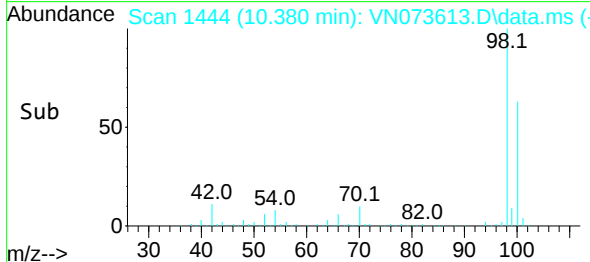
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



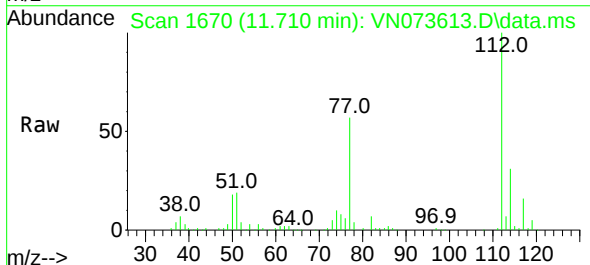
Tgt Ion: 98 Resp: 442478
Ion Ratio Lower Upper
98 100
100 63.5 50.6 76.0

Manual Integrations
APPROVED

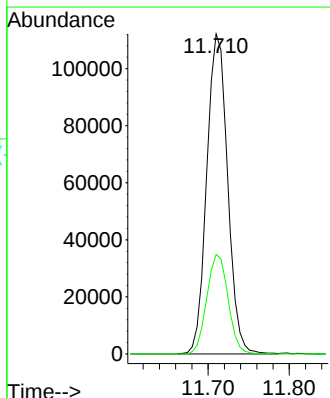
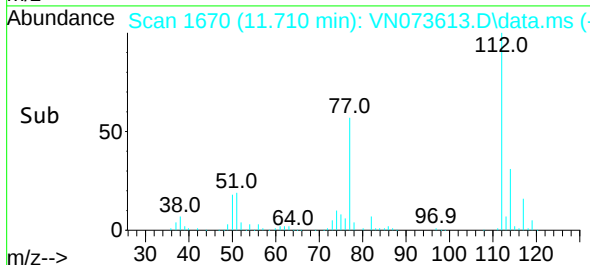
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

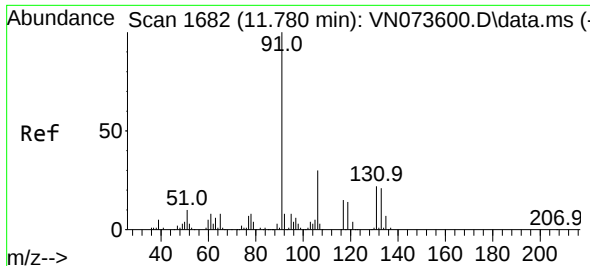


#64
Chlorobenzene
Concen: 18.834 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05



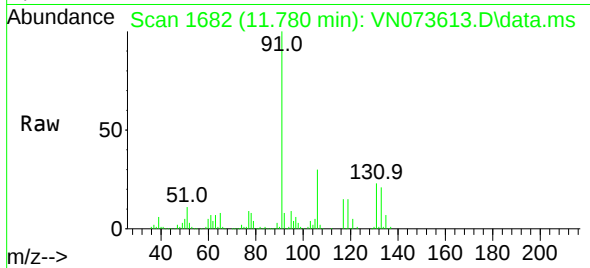
Tgt Ion:112 Resp: 200371
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 18.710 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

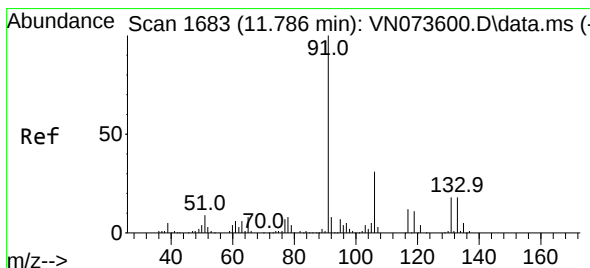
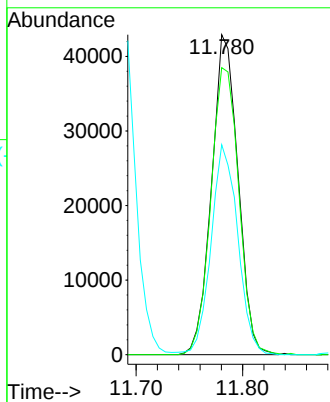
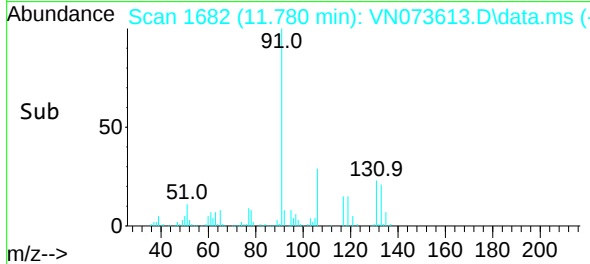
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 73890
Ion Ratio Lower Upper
131 100
133 95.2 0.0 191.2
119 66.5 0.0 128.8

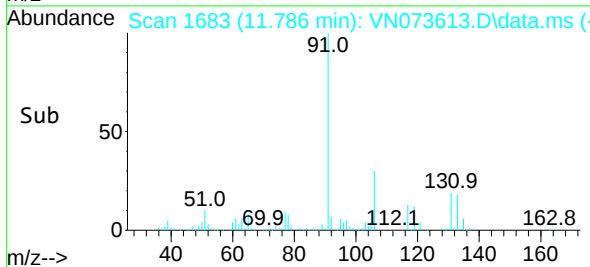
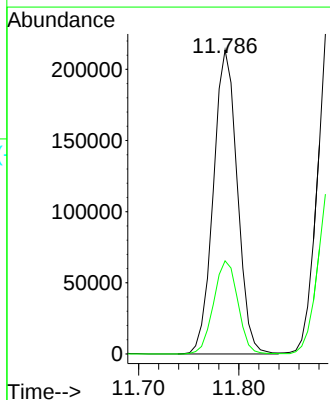
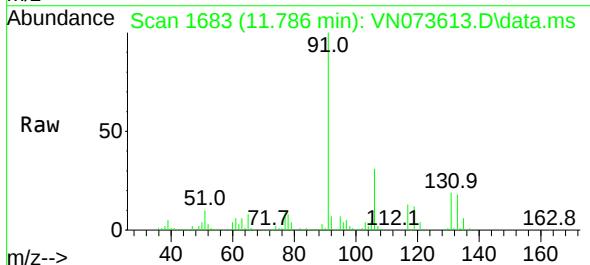
Manual Integrations
APPROVED

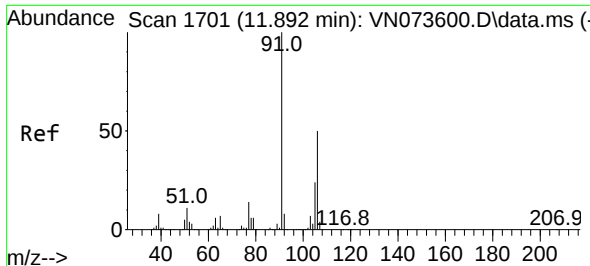
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#66
Ethyl Benzene
Concen: 18.628 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

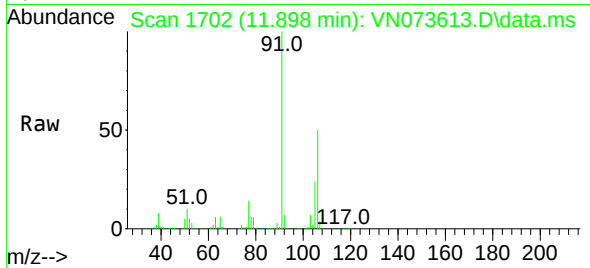
Tgt Ion: 91 Resp: 354616
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0





#67
m/p-Xylenes
Concen: 37.601 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

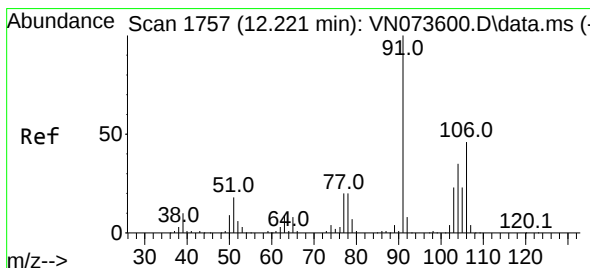
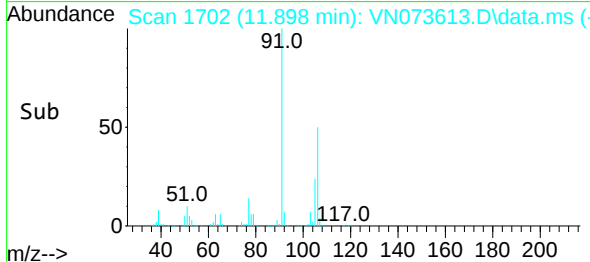
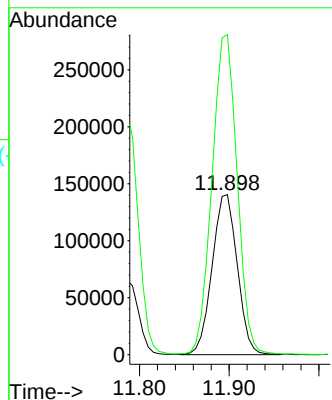
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:106 Resp: 27358
Ion Ratio Lower Upper
106 100
91 199.9 162.9 244.3

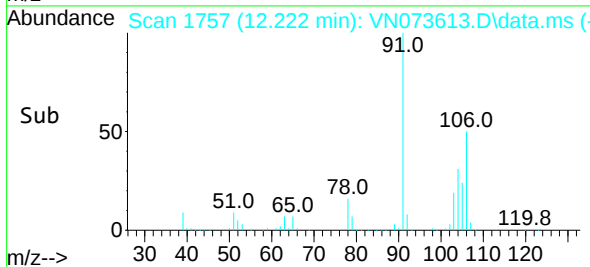
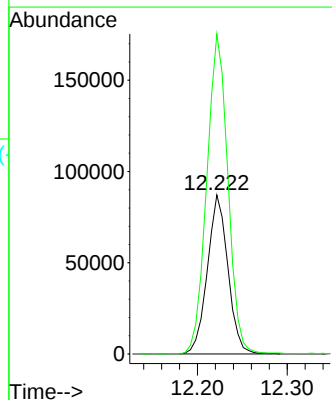
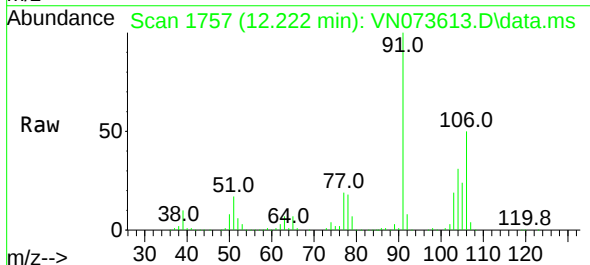
Manual Integrations
APPROVED

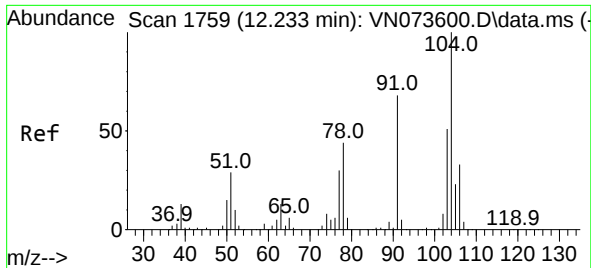
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#68
o-Xylene
Concen: 19.181 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

Tgt Ion:106 Resp: 138616
Ion Ratio Lower Upper
106 100
91 206.6 107.7 323.1





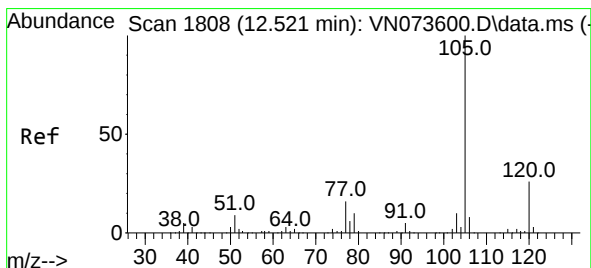
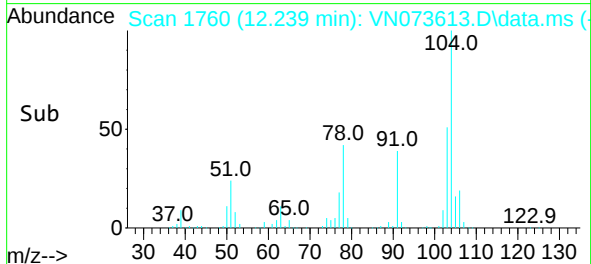
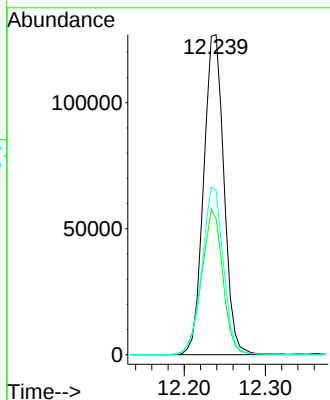
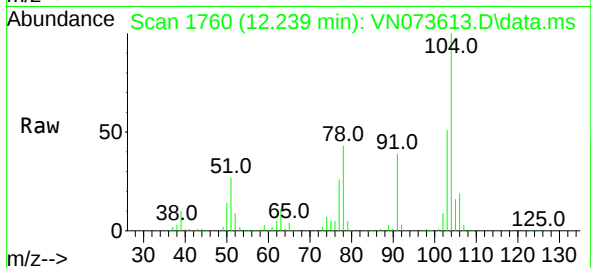
#69
Styrene
Concen: 18.506 ug/l
RT: 12.239 min Scan# 1759
Delta R.T. 0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 220438
Ion Ratio Lower Upper
104 100
78 47.5 40.7 61.1
103 55.2 45.8 68.8

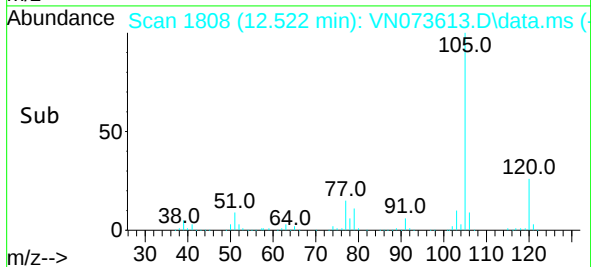
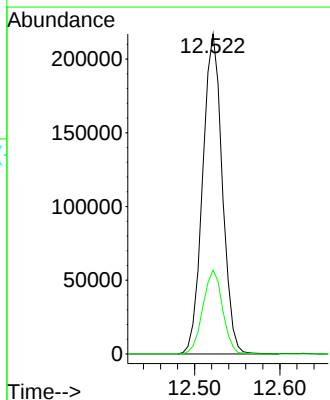
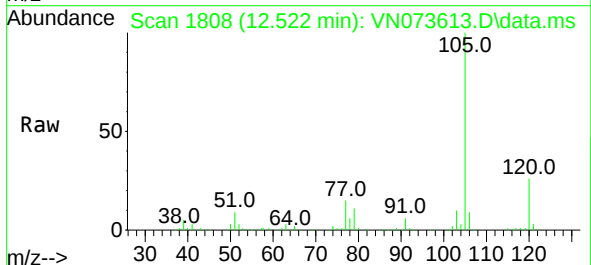
Manual Integrations
APPROVED

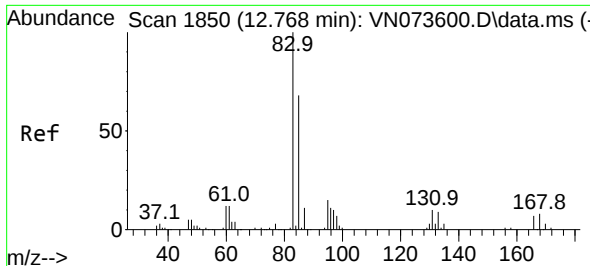
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#70
Isopropylbenzene
Concen: 18.762 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

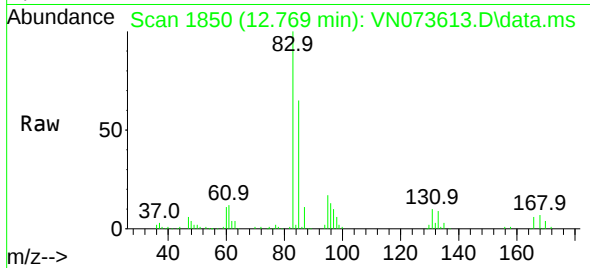
Tgt Ion:105 Resp: 346669
Ion Ratio Lower Upper
105 100
120 26.3 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.097 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

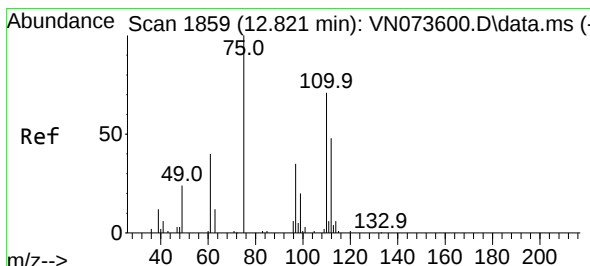
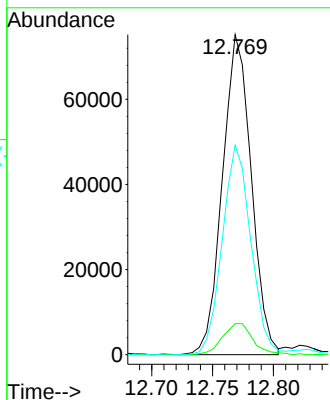
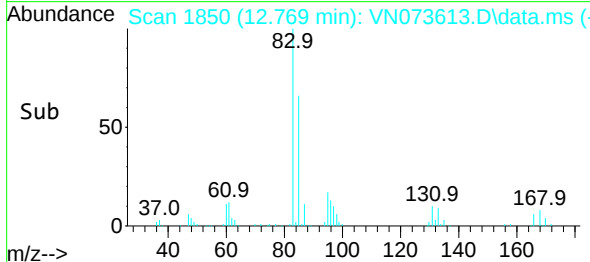
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



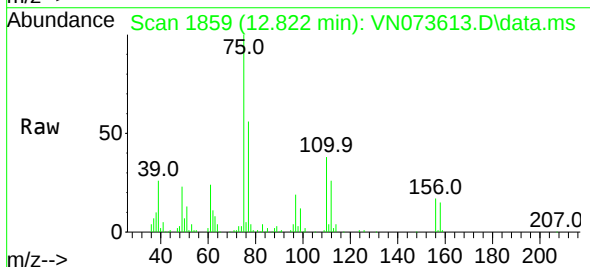
Tgt Ion: 83 Resp: 124069
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 65.0 33.1 99.2

Manual Integrations
APPROVED

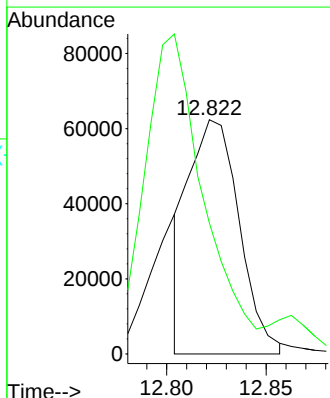
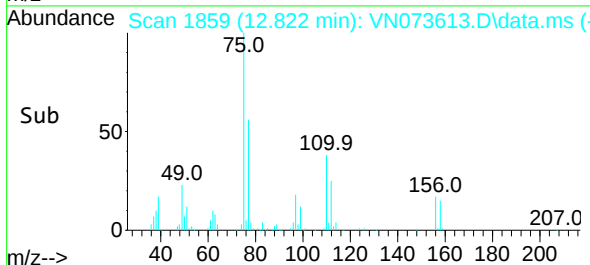
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

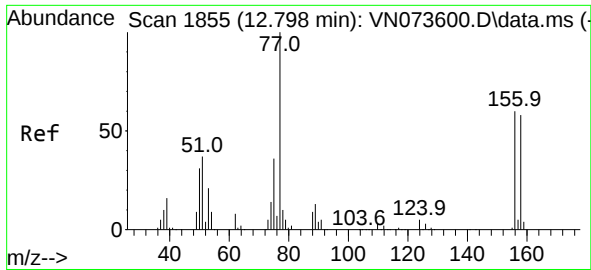


#72
1,2,3-Trichloropropane
Concen: 20.411 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05



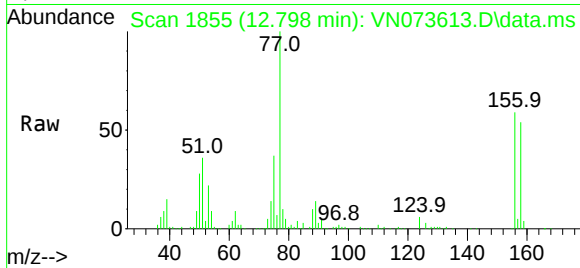
Tgt Ion: 75 Resp: 110747
Ion Ratio Lower Upper
75 100
77 159.5 0.0 378.0





#73
Bromobenzene
Concen: 18.367 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

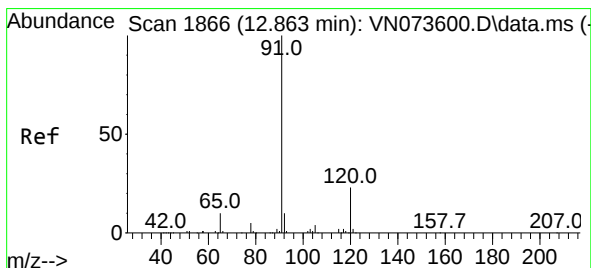
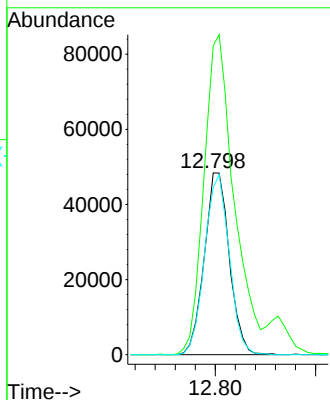
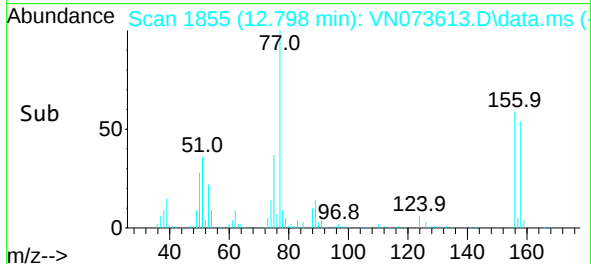
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



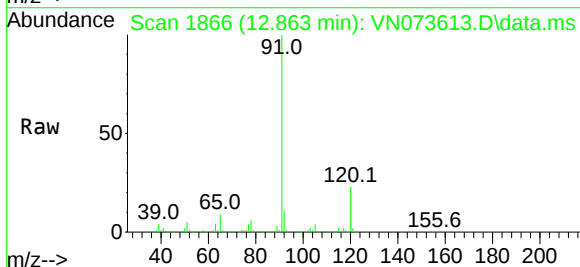
Tgt Ion:156 Resp: 84290
Ion Ratio Lower Upper
156 100
77 209.5 0.0 416.0
158 97.1 0.0 195.4

Manual Integrations
APPROVED

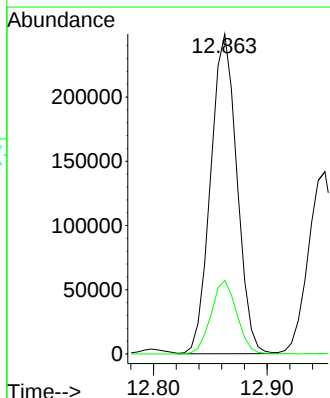
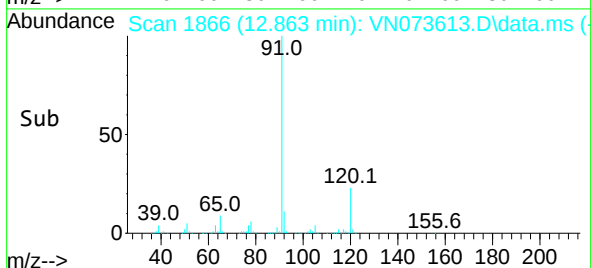
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

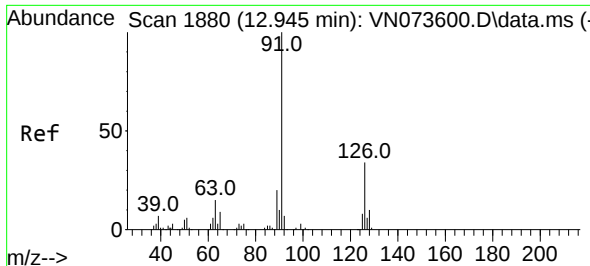


#74
n-propylbenzene
Concen: 18.654 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05



Tgt Ion: 91 Resp: 401109
Ion Ratio Lower Upper
91 100
120 22.4 0.0 45.0





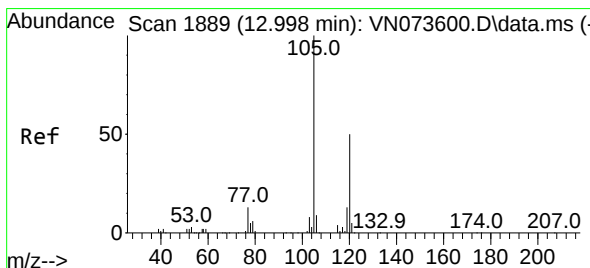
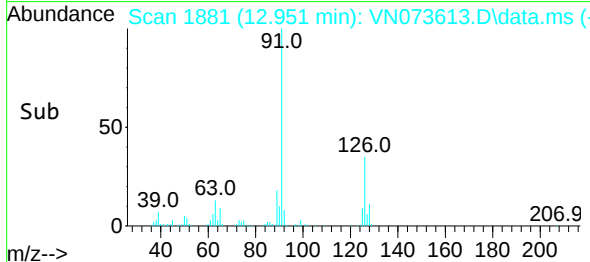
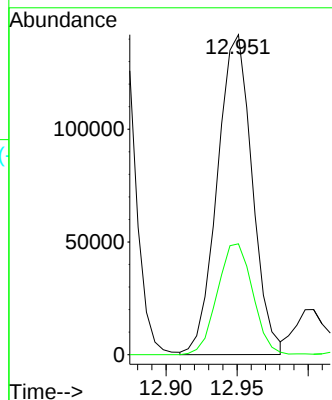
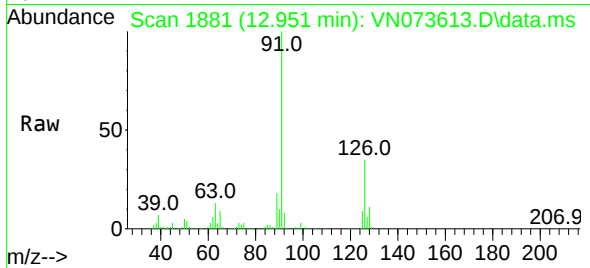
#75
2-Chlorotoluene
Concen: 18.794 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 242249
Ion Ratio Lower Upper
91 100
126 35.1 0.0 69.8

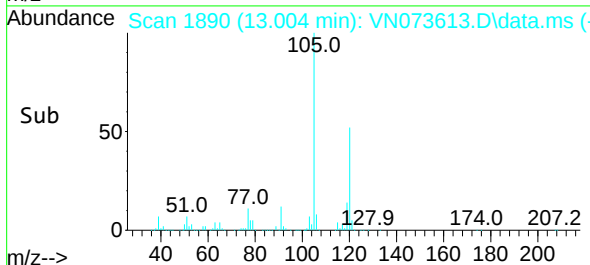
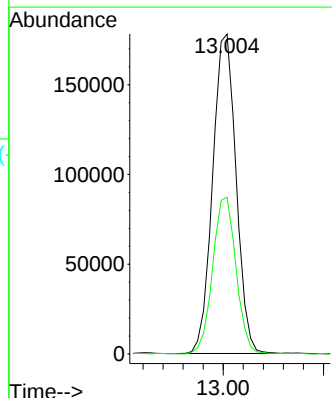
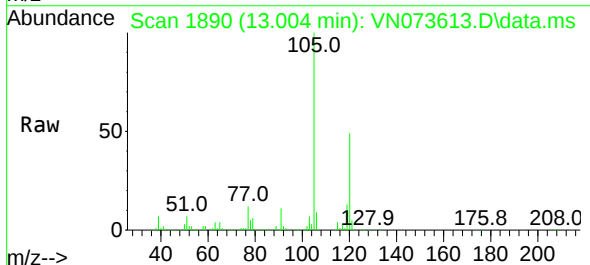
Manual Integrations
APPROVED

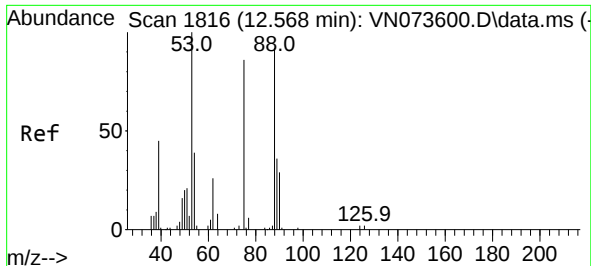
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#76
1,3,5-Trimethylbenzene
Concen: 18.665 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

Tgt Ion:105 Resp: 288861
Ion Ratio Lower Upper
105 100
120 49.1 0.0 93.8





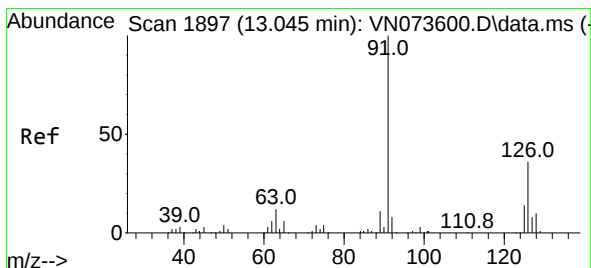
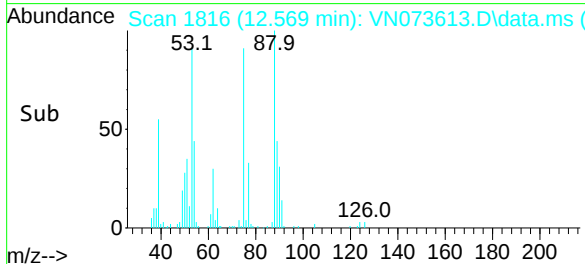
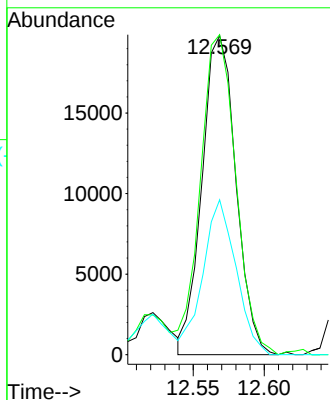
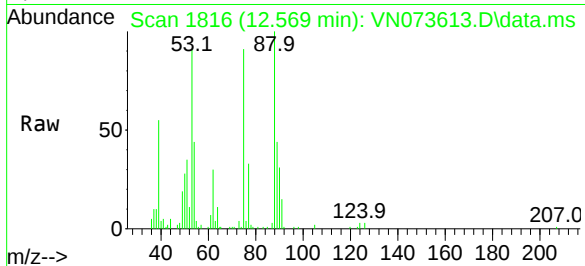
#77
t-1,4-Dichloro-2-butene
Concen: 16.664 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 3295
Ion Ratio Lower Upper
75 100
53 99.4 51.8 155.5
89 48.6 22.9 68.7

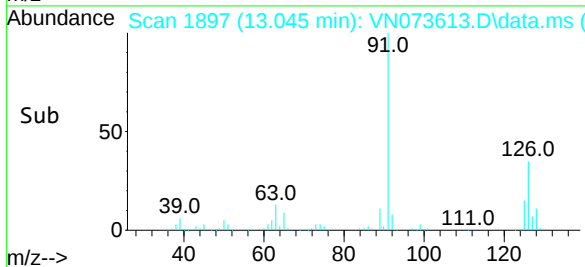
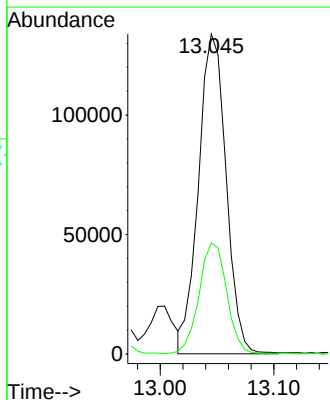
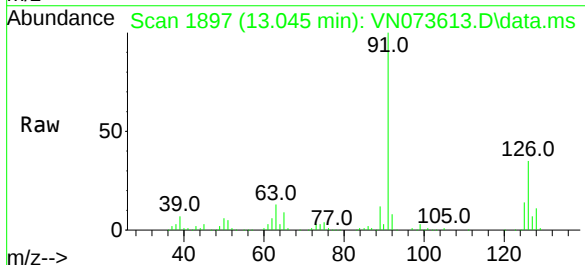
Manual Integrations
APPROVED

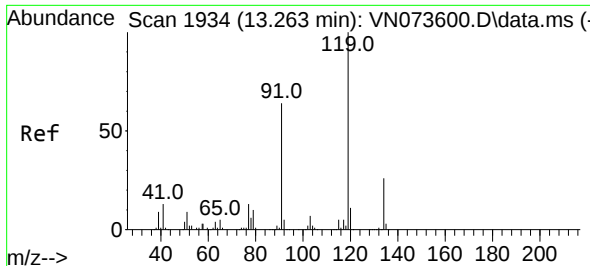
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#78
4-Chlorotoluene
Concen: 18.236 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

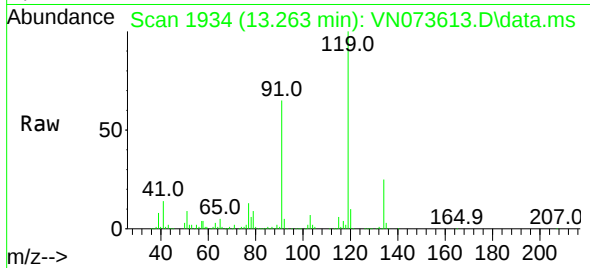
Tgt Ion: 91 Resp: 225796
Ion Ratio Lower Upper
91 100
126 34.9 0.0 70.6





#79
tert-butylbenzene
Concen: 19.655 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

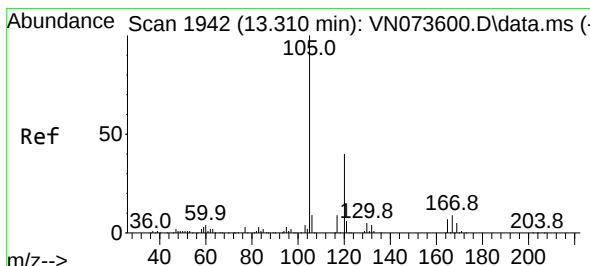
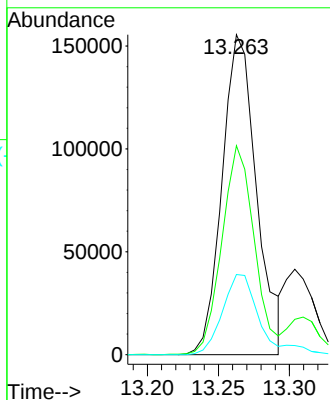
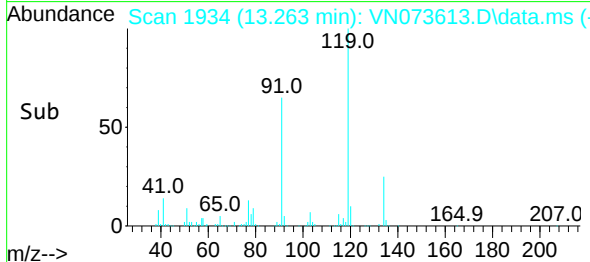
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



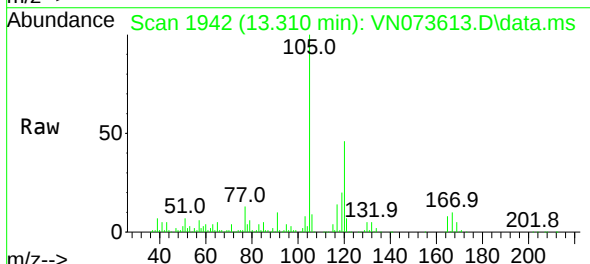
Tgt Ion:119 Resp: 262983
Ion Ratio Lower Upper
119 100
91 61.6 0.0 137.0
134 24.9 0.0 47.6

Manual Integrations
APPROVED

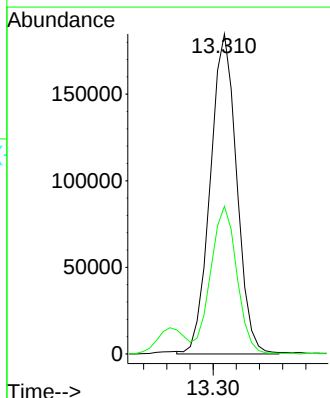
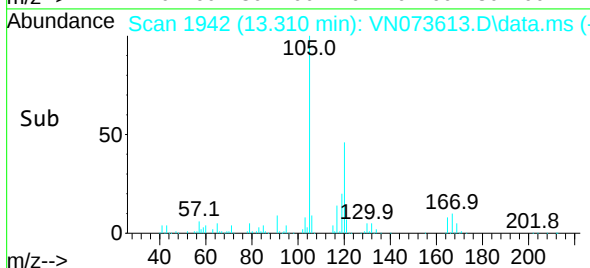
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

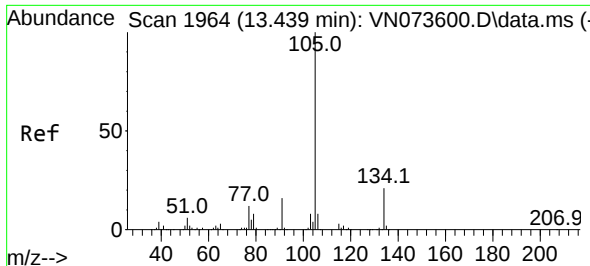


#80
1,2,4-Trimethylbenzene
Concen: 19.152 ug/l m
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05



Tgt Ion:105 Resp: 293586
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





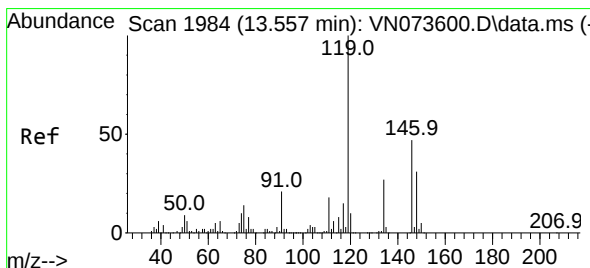
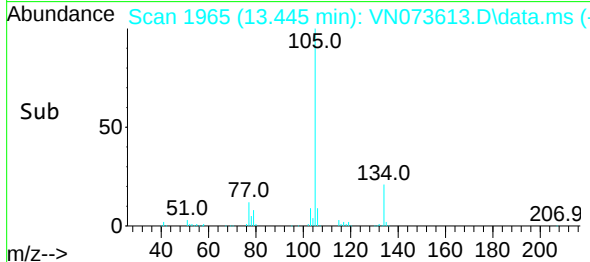
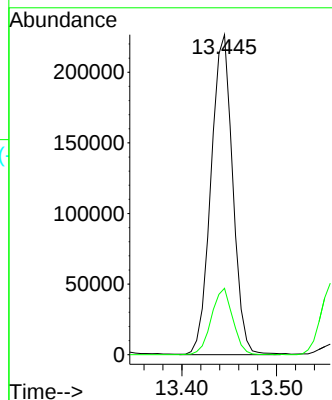
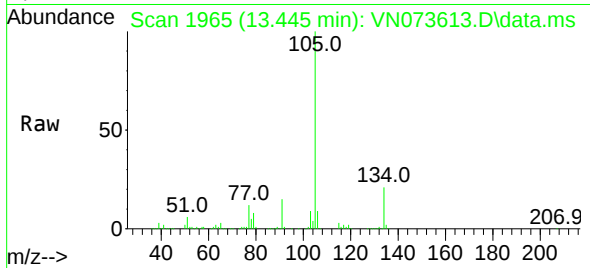
#81
 sec-Butylbenzene
 Concen: 18.787 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.006 min
 Lab File: VN073613.D
 Acq: 27 Jul 2022 18:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 36093
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 39.4

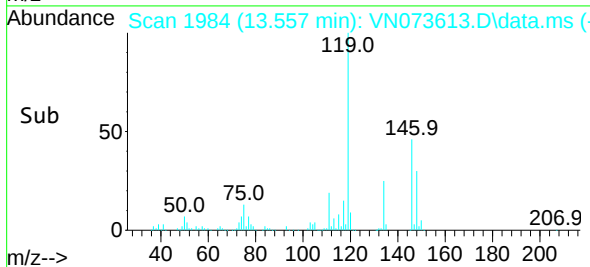
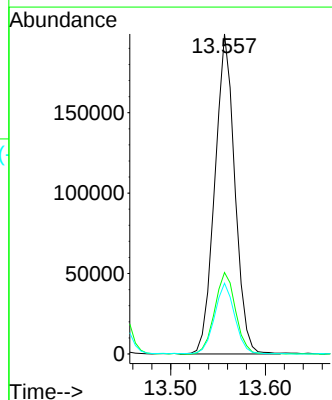
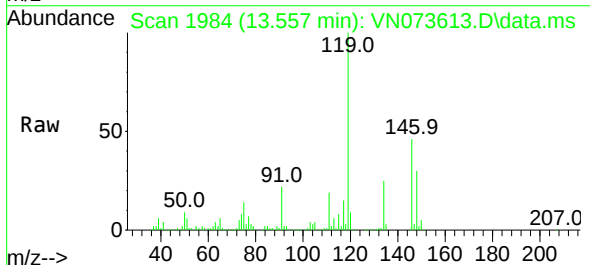
Manual Integrations
 APPROVED

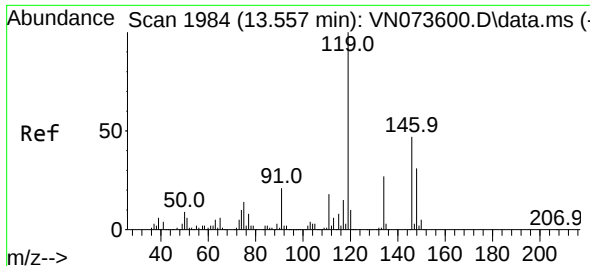
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022



#82
 p-Isopropyltoluene
 Concen: 18.497 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073613.D
 Acq: 27 Jul 2022 18:05

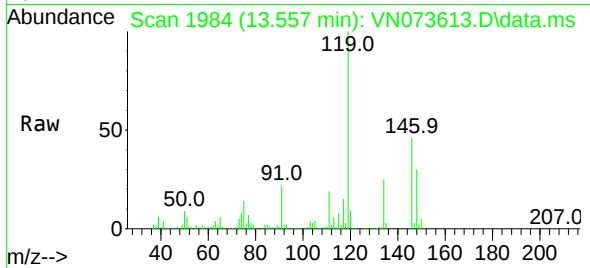
Tgt Ion:119 Resp: 291747
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 51.8
 91 21.9 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 18.179 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

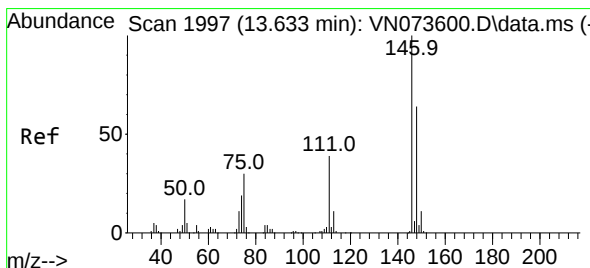
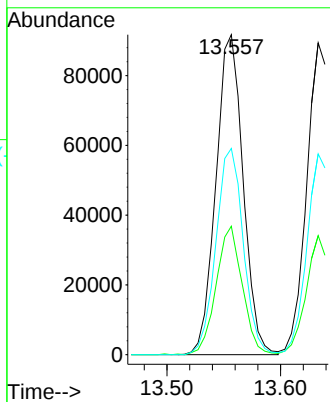
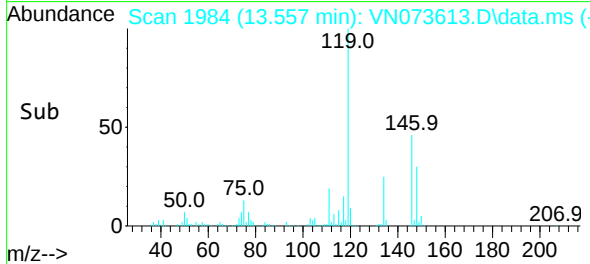
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 152729
Ion Ratio Lower Upper
146 100
111 38.6 20.8 62.2
148 64.9 31.4 94.3

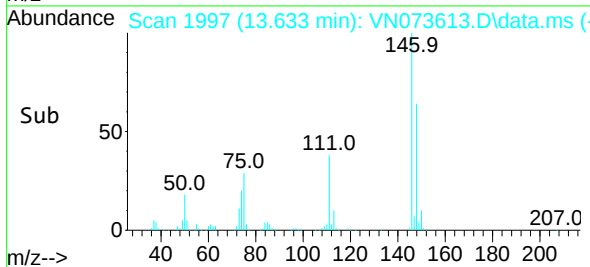
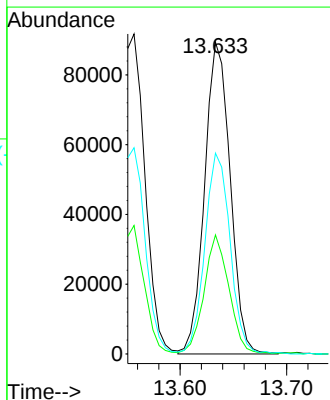
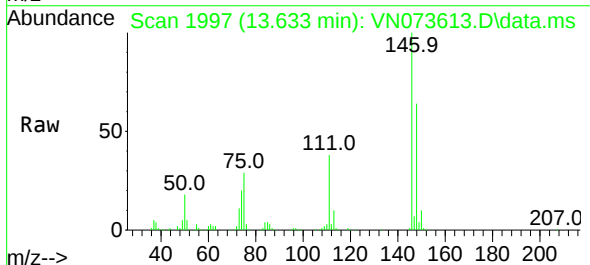
Manual Integrations
APPROVED

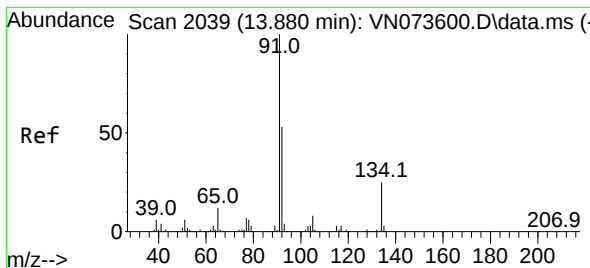
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#84
1,4-Dichlorobenzene
Concen: 18.441 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

Tgt Ion:146 Resp: 149444
Ion Ratio Lower Upper
146 100
111 37.1 19.5 58.5
148 63.8 31.1 93.5





#85

n-Butylbenzene

Concen: 17.429 ug/l

RT: 13.886 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN073613.D

Acq: 27 Jul 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

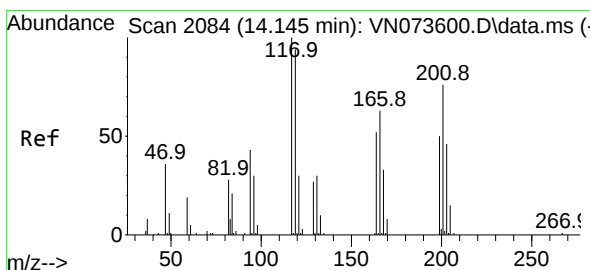
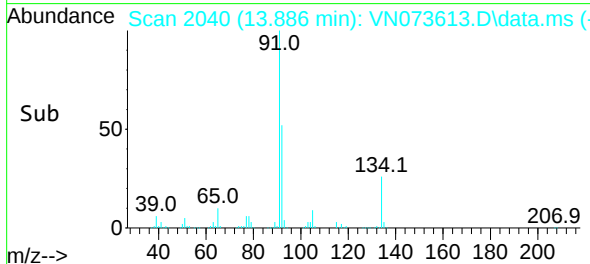
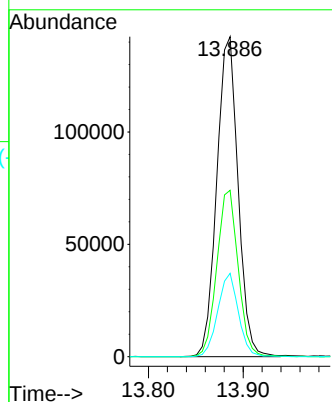
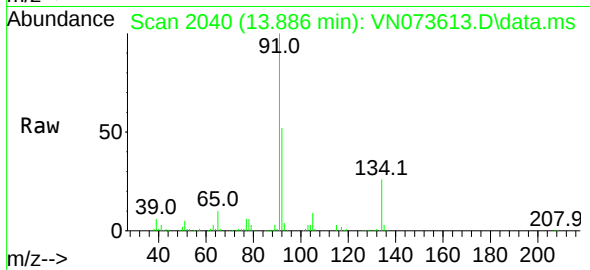
Tgt Ion: 91	Resp: 222830
Ion Ratio	Lower Upper
91 100	
92 52.1	0.0 100.6
134 25.3	0.0 50.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#86

Hexachloroethane

Concen: 17.834 ug/l

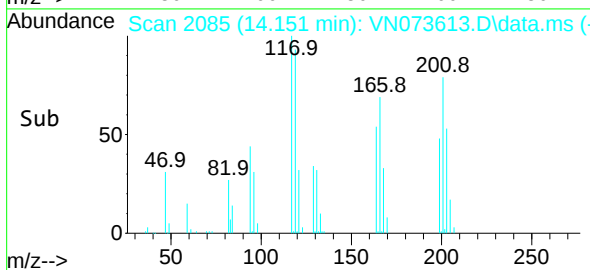
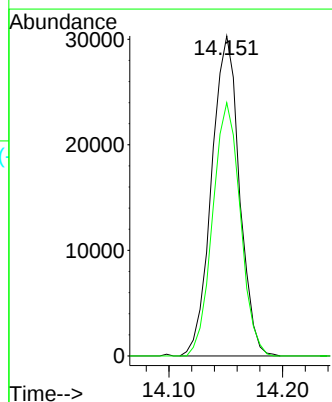
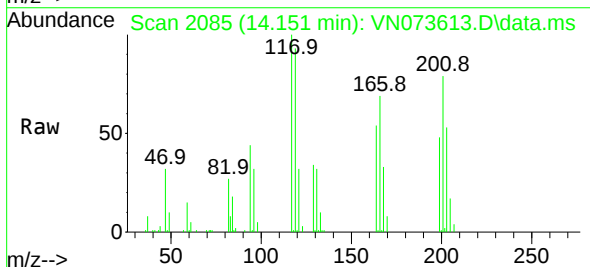
RT: 14.151 min Scan# 2085

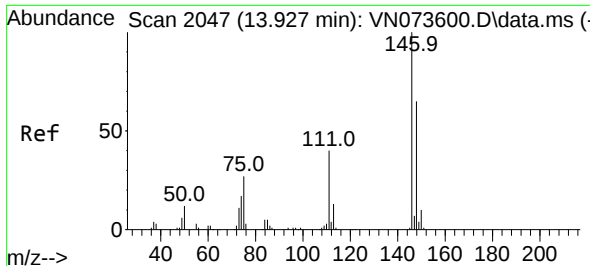
Delta R.T. 0.006 min

Lab File: VN073613.D

Acq: 27 Jul 2022 18:05

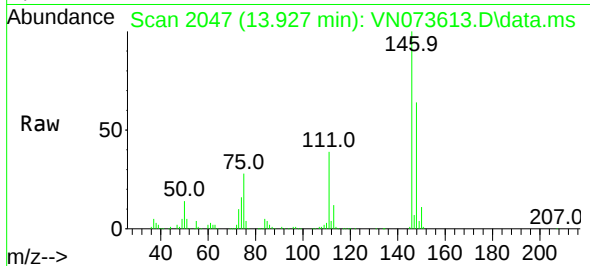
Tgt Ion: 117	Resp: 51588
Ion Ratio	Lower Upper
117 100	
201 78.5	33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 19.203 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

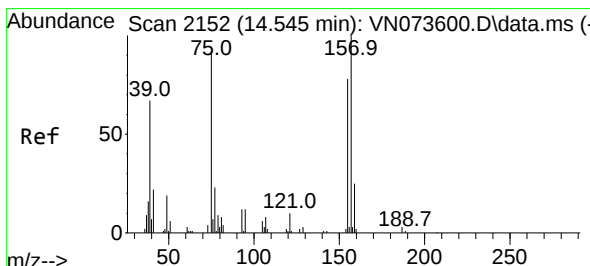
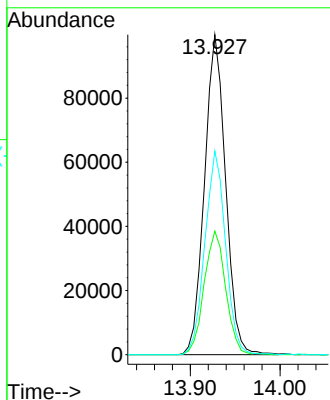
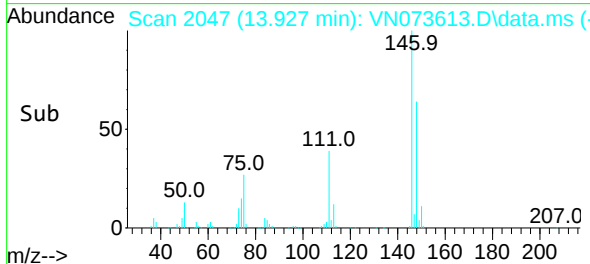
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



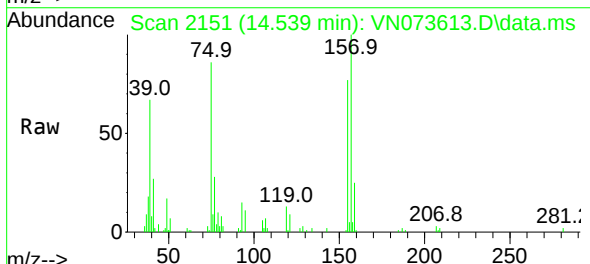
Tgt Ion:146 Resp: 16311
Ion Ratio Lower Upper
146 100
111 39.5 21.4 64.2
148 62.3 32.5 97.4

Manual Integrations
APPROVED

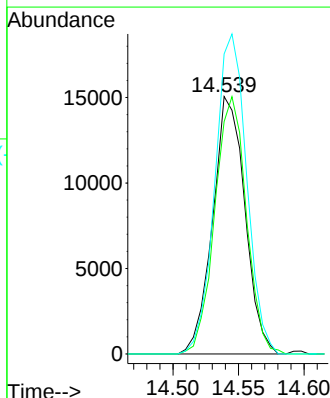
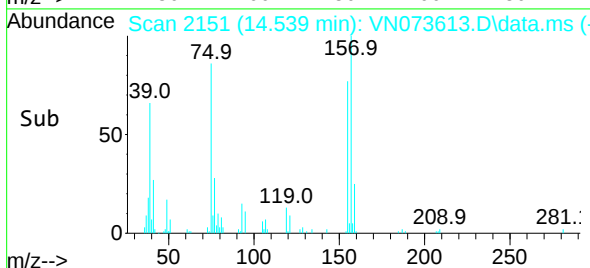
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

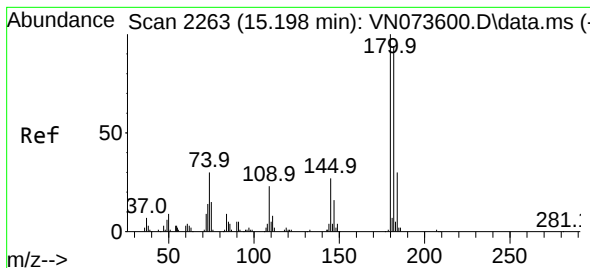


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.105 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05



Tgt Ion: 75 Resp: 25691
Ion Ratio Lower Upper
75 100
155 97.8 63.8 95.8#
157 122.3 77.9 116.9#





#89

1,2,4-Trichlorobenzene

Concen: 17.267 ug/l

RT: 15.198 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN073613.D

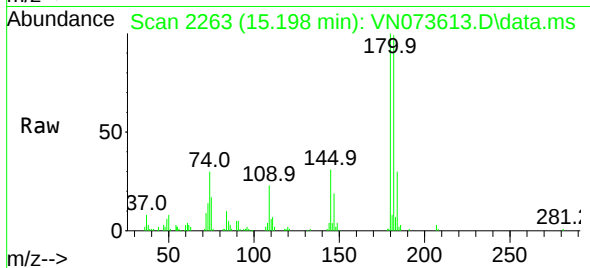
Acq: 27 Jul 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:180 Resp: 8072

Ion Ratio Lower Upper

180 100

182 94.9 77.7 116.5

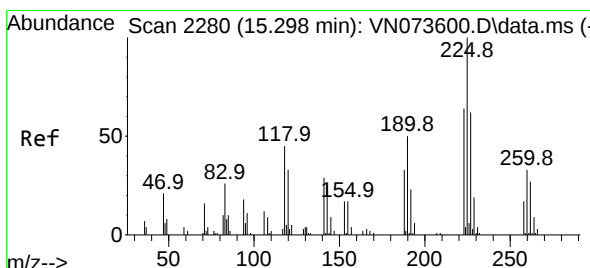
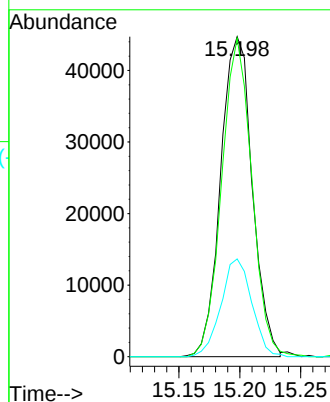
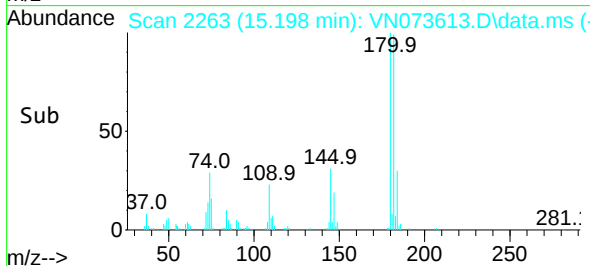
145 29.8 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#90

Hexachlorobutadiene

Concen: 17.996 ug/l

RT: 15.304 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN073613.D

Acq: 27 Jul 2022 18:05

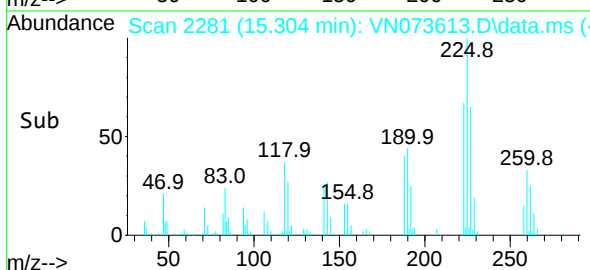
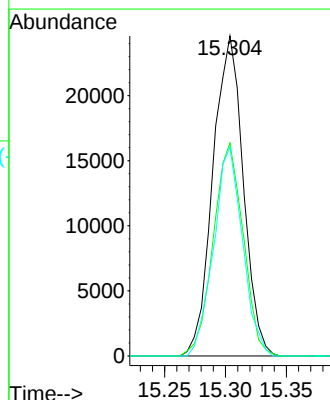
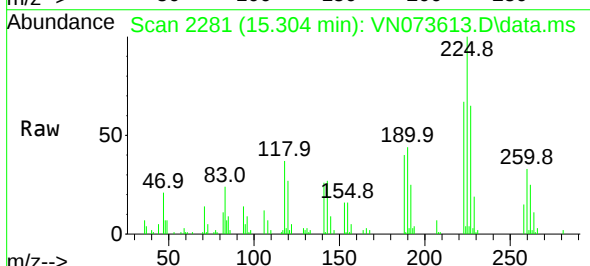
Tgt Ion:225 Resp: 42611

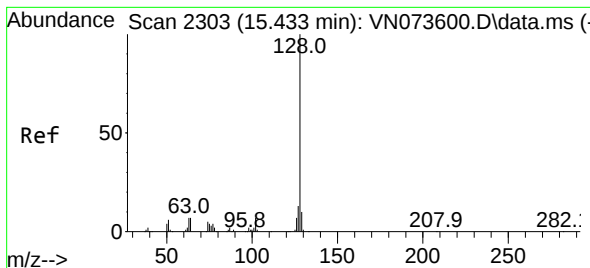
Ion Ratio Lower Upper

225 100

223 65.6 0.0 126.8

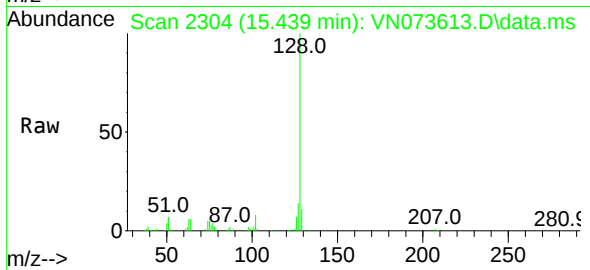
227 62.3 0.0 123.0





#91
Naphthalene
Concen: 18.572 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

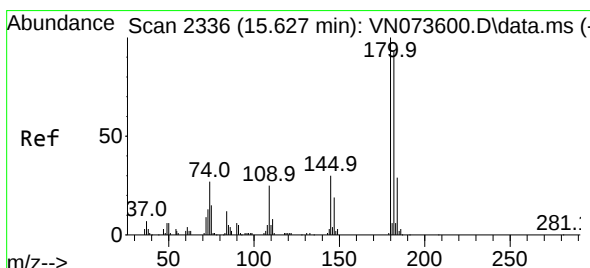
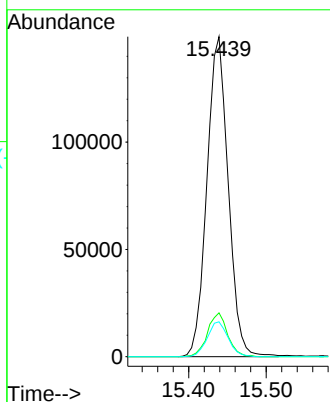
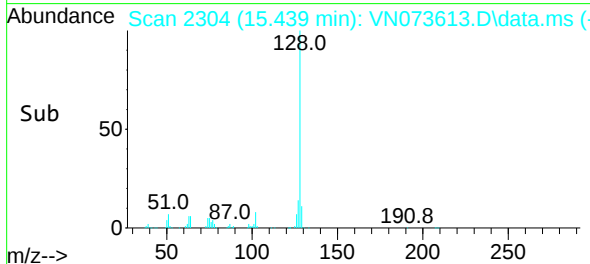
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 28508
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.7 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.443 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073613.D
Acq: 27 Jul 2022 18:05

Tgt Ion:180 Resp: 88570
Ion Ratio Lower Upper
180 100
182 95.0 0.0 190.0
145 31.2 0.0 67.8

