

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073067.D
 Acq On : 24 Jun 2022 00:46
 Operator : JC\MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 04:21:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:19:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.587	128	42553	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.898	114	244575	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.680	117	222293	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	122707	26.164	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	87.200%	#	
60) 4-Bromofluorobenzene	12.669	95	129003	28.615	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.367%		
63) Toluene-d8	10.375	98	362701	29.682	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.933%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	179800	55.018	ug/l	99
3) Chloromethane	2.269	50	163230	47.578	ug/l	96
4) Vinyl Chloride	2.405	62	148250	47.905	ug/l	98
5) Bromomethane	2.799	94	58867	38.280	ug/l	92
6) Chloroethane	2.963	64	89431	44.410	ug/l	95
7) Trichlorofluoromethane	3.316	101	268295	48.378	ug/l	96
8) Diethyl Ether	3.763	74	110728	50.711	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.140	101	146472	49.601	ug/l #	69
10) 1,1-Dichloroethene	4.116	96	151023	53.019	ug/l	96
11) Methyl Iodide	4.352	142	152789	55.817	ug/l	92
12) Methyl Acetate	4.775	43	300584	51.100	ug/l	93
13) Acrolein	3.981	56	158006	292.286	ug/l	97
14) Acrylonitrile	5.475	53	594787	252.857	ug/l	98
15) Acetone	4.222	58	164160	254.893	ug/l	86
16) Carbon Disulfide	4.457	76	401151	55.393	ug/l	97
17) Allyl chloride	4.763	41	284520	47.935	ug/l	85
18) Methylene Chloride	5.016	84	176053	50.177	ug/l	94
19) trans-1,2-Dichloroethene	5.516	96	158179	52.118	ug/l	93
20) Diisopropyl ether	6.410	45	610152	51.433	ug/l	97
21) 1,1-Dichloroethane	6.304	63	316027	48.127	ug/l	98
22) cis-1,2-Dichloroethene	7.251	96	189857	50.465	ug/l	95
23) tert-Butyl Alcohol	5.287	59	231101	219.047	ug/l #	100
24) Methyl tert-Butyl Ether	5.534	73	562648	46.279	ug/l	98
25) Chloroform	7.745	83	316525	47.276	ug/l	100
26) Cyclohexane	8.022	56	274478	49.719	ug/l #	94
29) 1,1-Dichloropropene	8.151	75	227497	49.208	ug/l	97
30) 2-Butanone	7.257	43	860979	253.394	ug/l	94
31) 2,2-Dichloropropane	7.251	77	105181	19.056	ug/l	93
32) 1,1,1-Trichloroethane	7.940	97	280145	46.981	ug/l	97
33) Carbon Tetrachloride	8.134	117	236438	46.077	ug/l	97
34) Benzene	8.392	78	708244	51.046	ug/l	99
35) Methacrylonitrile	7.563	41	149634	45.233	ug/l	89
36) 1,2-Dichloroethane	8.463	62	258491	45.509	ug/l	98
37) Trichloroethene	9.145	130	174040	52.002	ug/l	97
38) Methylcyclohexane	9.392	83	268018	48.408	ug/l	91
39) 1,2-Dichloropropane	9.428	63	184111	49.006	ug/l	99
40) Dibromomethane	9.510	93	123350	47.864	ug/l	94
41) Bromodichloromethane	9.692	83	249226	46.174	ug/l	94
42) Vinyl Acetate	6.351	43	2738946	251.422	ug/l	99

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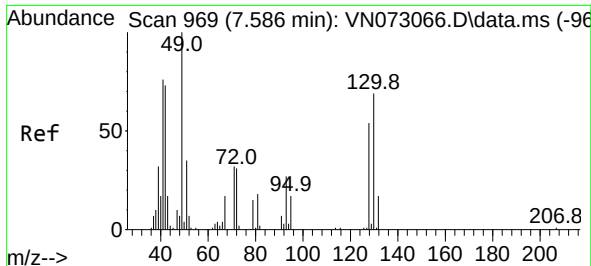
Quant Time: Jun 24 04:21:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
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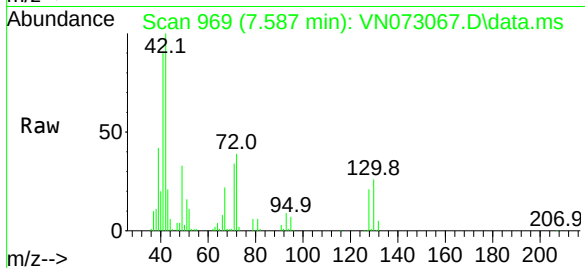
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.340	43	345497	52.824	ug/l	99
44) Isopropyl Acetate	8.492	43	508315	48.199	ug/l	98
45) 1,4-Dioxane	9.504	88	86730	988.693	ug/l	92
46) Methyl methacrylate	9.492	41	231571	48.870	ug/l	79
47) n-amyl Acetate	12.327	43	414549	50.531	ug/l	97
48) t-1,3-Dichloropropene	10.657	75	236746	39.469	ug/l	99
49) cis-1,3-Dichloropropene	10.128	75	255094	41.410	ug/l	96
50) 1,1,2-Trichloroethane	10.839	97	178071	48.921	ug/l	98
51) Ethyl methacrylate	10.698	69	308288	47.244	ug/l	90
52) 1,3-Dichloropropane	10.980	76	306460	47.817	ug/l	100
53) Dibromochloromethane	11.175	129	186453	47.207	ug/l	100
54) 1,2-Dibromoethane	11.280	107	189314	49.464	ug/l	98
55) 2-Chloroethyl vinyl ether	9.981	63	642498	242.519	ug/l	100
56) Bromoform	12.392	173	137698	49.541	ug/l #	100
58) 4-Methyl-2-Pentanone	10.269	43	1653567	248.645	ug/l	97
59) 2-Hexanone	11.022	43	1270334	251.171	ug/l	98
61) Tetrachloroethene	10.910	164	149293	53.998	ug/l	89
62) Toluene	10.439	91	762117	50.544	ug/l	97
64) Chlorobenzene	11.704	112	455070	49.768	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.780	131	174299	49.158	ug/l	98
66) Ethyl Benzene	11.780	91	849207	49.677	ug/l	99
67) m/p-Xylenes	11.886	106	634686	100.838	ug/l	99
68) o-Xylene	12.216	106	321054	50.208	ug/l	100
69) Styrene	12.227	104	521422	50.908	ug/l	98
70) Isopropylbenzene	12.516	105	820750	49.243	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.763	83	274203	48.580	ug/l	99
72) 1,2,3-Trichloropropane	12.816	75	220939m	46.676	ug/l	
73) Bromobenzene	12.798	156	191101	55.016	ug/l	95
74) n-propylbenzene	12.857	91	937695	49.202	ug/l	100
75) 2-Chlorotoluene	12.945	91	577449	48.677	ug/l	97
76) 1,3,5-Trimethylbenzene	12.998	105	676142	49.297	ug/l	98
77) t-1,4-Dichloro-2-butene	12.563	75	70123	36.139	ug/l	97
78) 4-Chlorotoluene	13.039	91	561276	50.026	ug/l	96
79) tert-butylbenzene	13.257	119	616201	50.486	ug/l	97
80) 1,2,4-Trimethylbenzene	13.304	105	671779m	41.861	ug/l	
81) sec-Butylbenzene	13.433	105	824836	49.844	ug/l	99
82) p-Isopropyltoluene	13.551	119	672387	50.520	ug/l	99
83) 1,3-Dichlorobenzene	13.551	146	338974	55.099	ug/l	98
84) 1,4-Dichlorobenzene	13.627	146	335340	55.983	ug/l	98
85) n-Butylbenzene	13.880	91	539870	48.579	ug/l	96
86) Hexachloroethane	14.145	117	129159	45.559	ug/l	94
87) 1,2-Dichlorobenzene	13.921	146	354065	57.687	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.533	75	69553	48.967	ug/l	94
89) 1,2,4-Trichlorobenzene	15.192	180	188845	60.907	ug/l	95
90) Hexachlorobutadiene	15.298	225	72126	53.545	ug/l	98
91) Naphthalene	15.427	128	725434	58.431	ug/l	99
92) 1,2,3-Trichlorobenzene	15.621	180	189651	59.784	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: VN073067.D
Acq: 24 Jun 2022 00:46

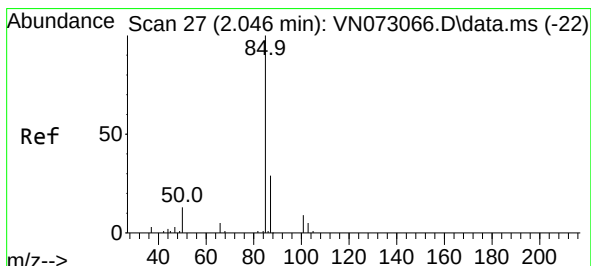
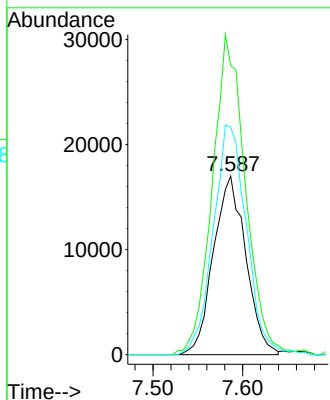
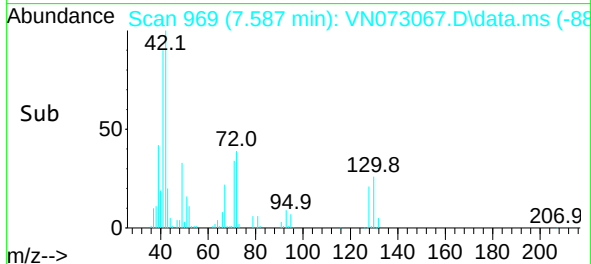
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC050



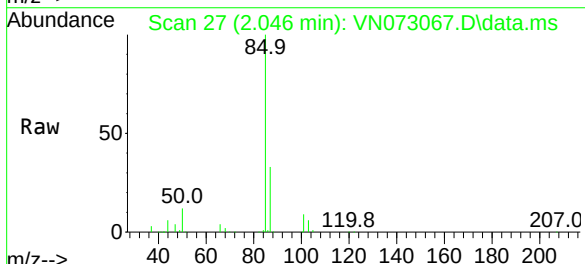
Tgt Ion: 128 Resp: 4255
Ion Ratio Lower Upper
128 100
49 182.5 0.0 392.3
130 132.2 0.0 320.2

Manual Integrations
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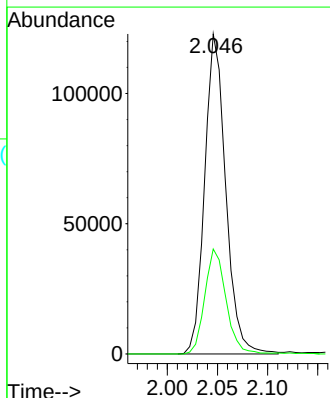
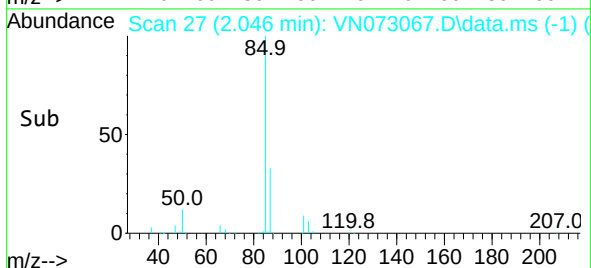
Reviewed By : John Carlone 06/24/2022
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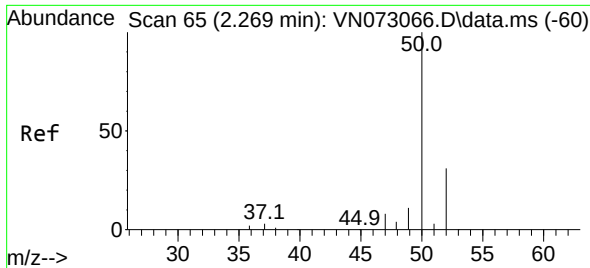


#2
Dichlorodifluoromethane
Concen: 55.018 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46



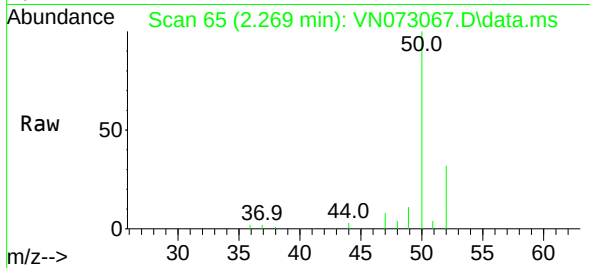
Tgt Ion: 85 Resp: 179800
Ion Ratio Lower Upper
85 100
87 32.8 16.6 49.7





#3
Chloromethane
Concen: 47.578 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

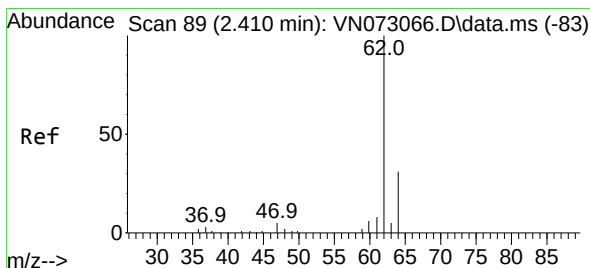
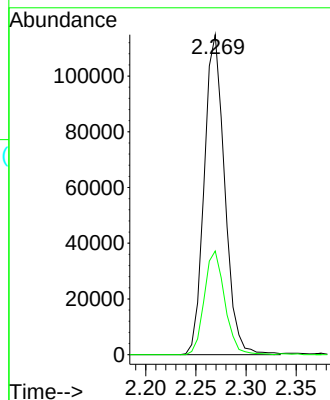
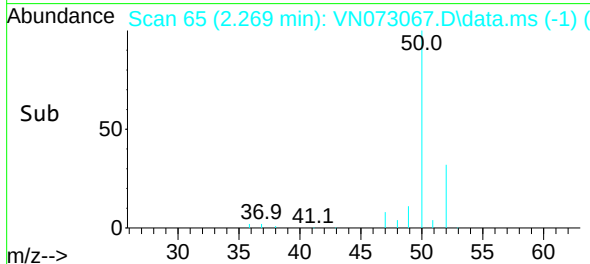
Instrument :
MSVOA_N
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VSTDIC050



Tgt Ion: 50 Resp: 163230
Ion Ratio Lower Upper
50 100
52 32.4 27.8 41.6

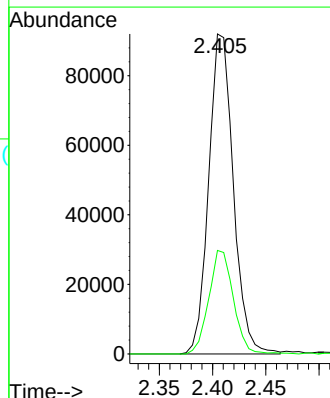
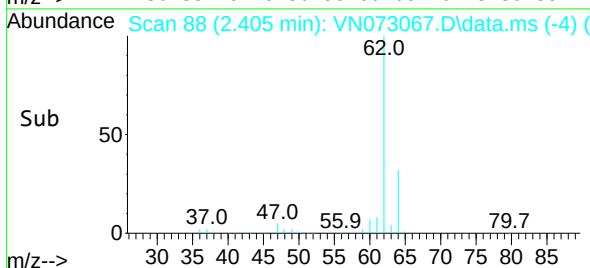
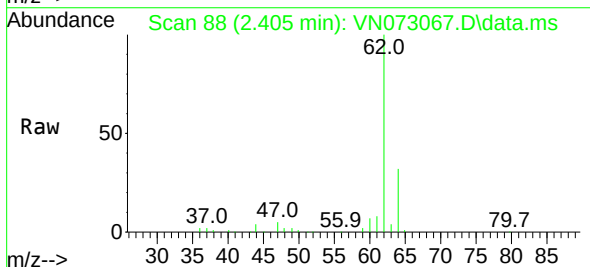
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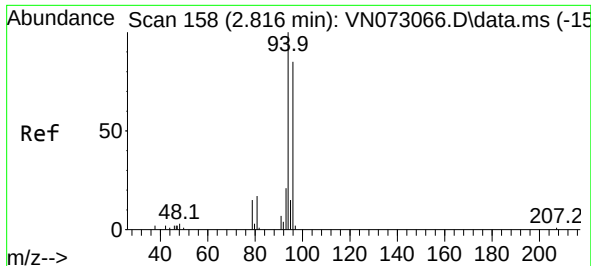
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#4
Vinyl Chloride
Concen: 47.905 ug/l
RT: 2.405 min Scan# 88
Delta R.T. -0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

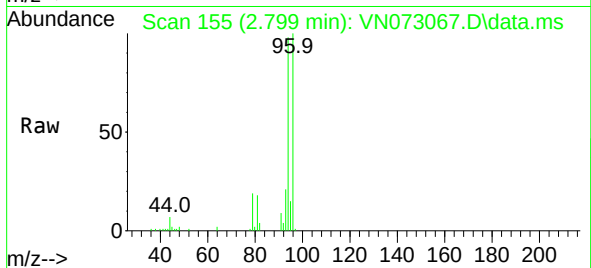
Tgt Ion: 62 Resp: 148250
Ion Ratio Lower Upper
62 100
64 32.3 25.1 37.7





#5
Bromomethane
Concen: 38.280 ug/l
RT: 2.799 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

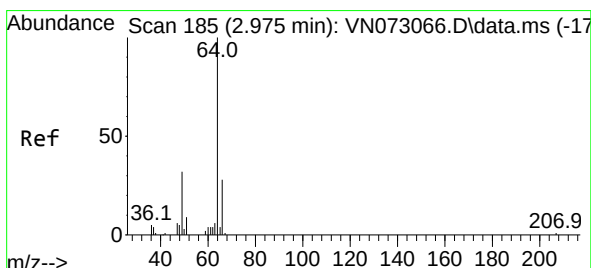
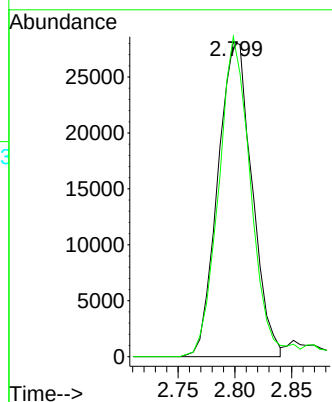
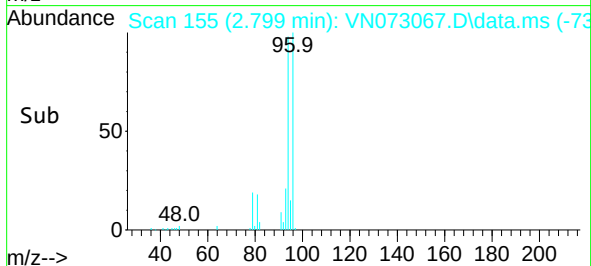
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VSTDIC050



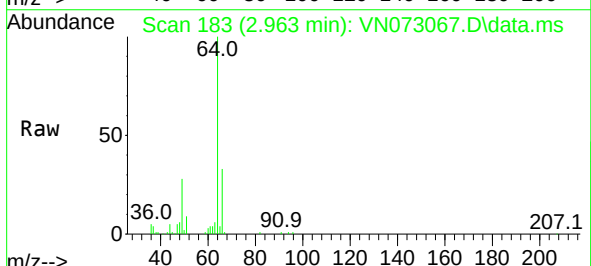
Tgt Ion: 94 Resp: 5886
Ion Ratio Lower Upper
94 100
96 101.8 75.2 112.8

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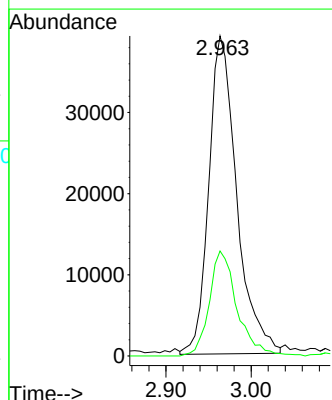
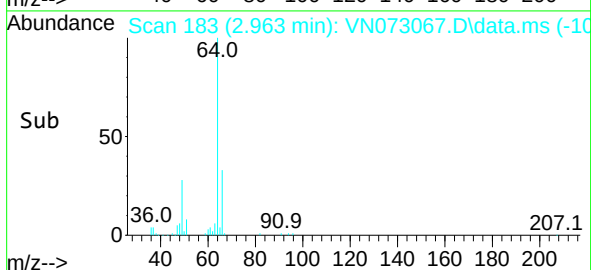
Reviewed By :John Carlone 06/24/2022
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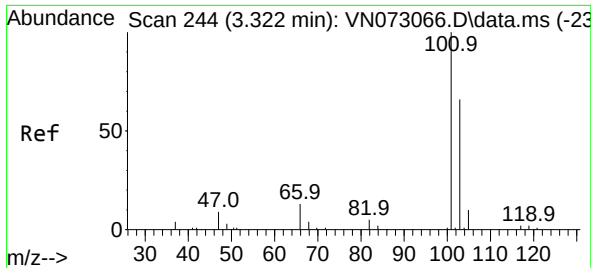


#6
Chloroethane
Concen: 44.410 ug/l
RT: 2.963 min Scan# 183
Delta R.T. -0.012 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46



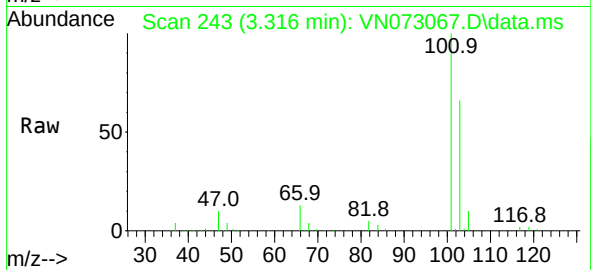
Tgt Ion: 64 Resp: 89431
Ion Ratio Lower Upper
64 100
66 33.3 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 48.378 ug/l
 RT: 3.316 min Scan# 244
 Delta R.T. -0.006 min
 Lab File: VN073067.D
 Acq: 24 Jun 2022 00:46

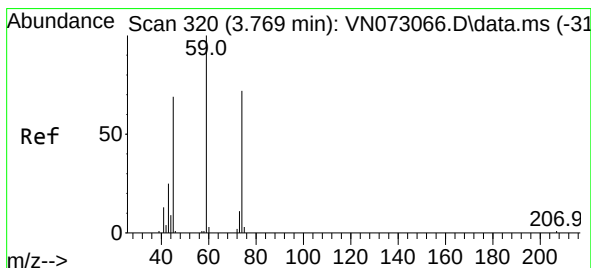
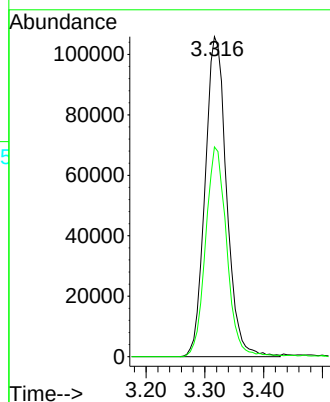
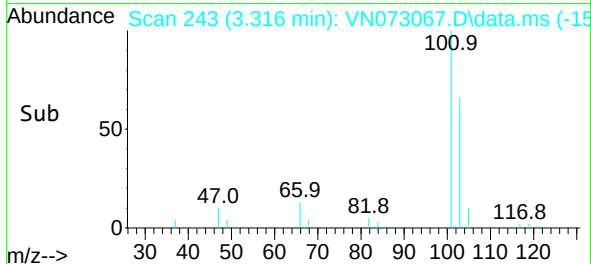
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Tgt Ion:101 Resp: 26829
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.1 75.1

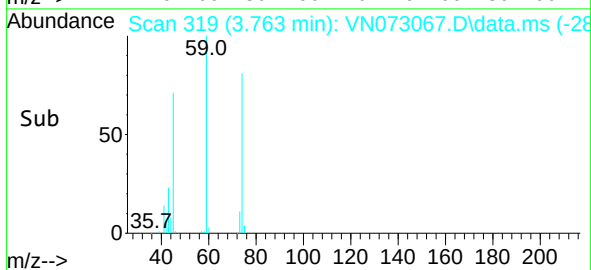
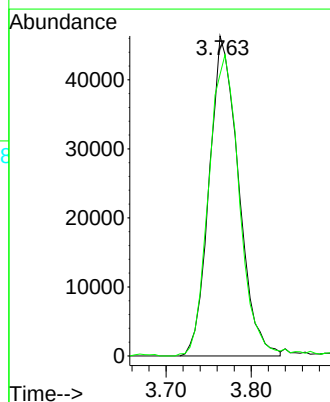
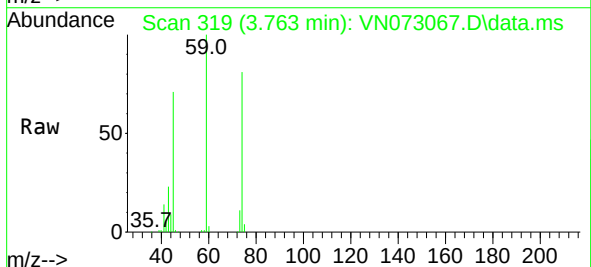
Manual Integrations
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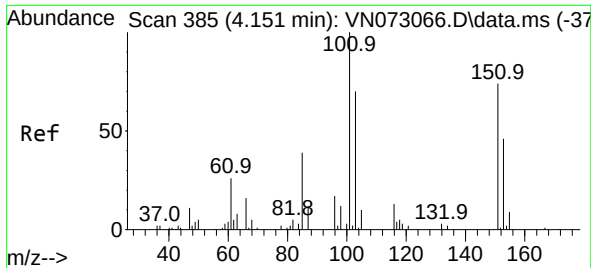
Reviewed By :John Carlone 06/24/2022
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#8
 Diethyl Ether
 Concen: 50.711 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. -0.006 min
 Lab File: VN073067.D
 Acq: 24 Jun 2022 00:46

Tgt Ion: 74 Resp: 110728
 Ion Ratio Lower Upper
 74 100
 45 98.1 17.6 158.8





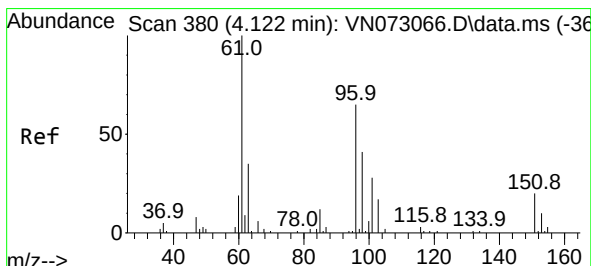
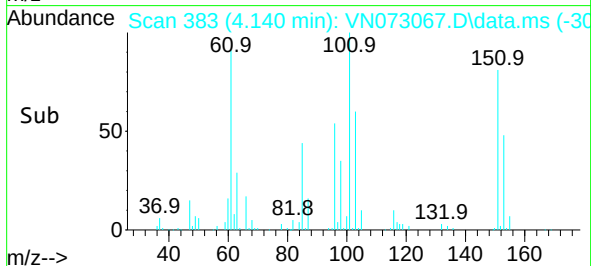
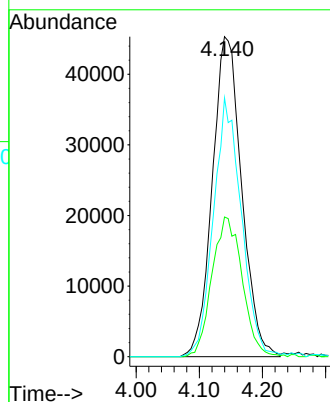
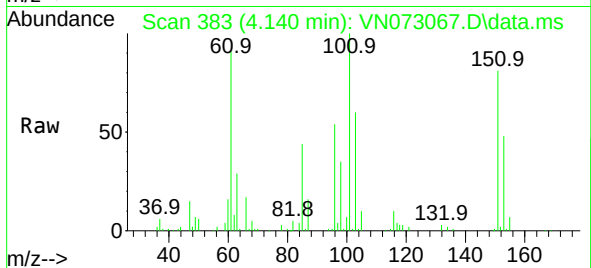
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.601 ug/l
RT: 4.140 min Scan# 385
Delta R.T. -0.012 min
Lab File: VN073067.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 146472
Ion Ratio Lower Upper
101 100
85 44.7 0.0 94.0
151 77.0 0.0 74.6

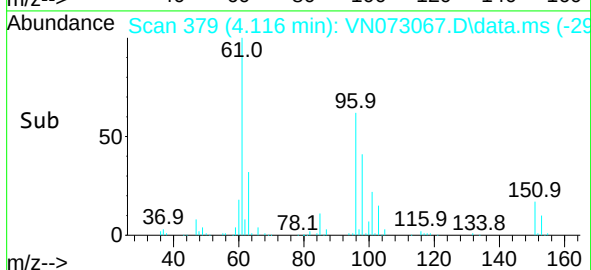
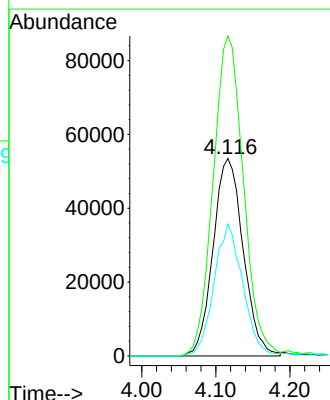
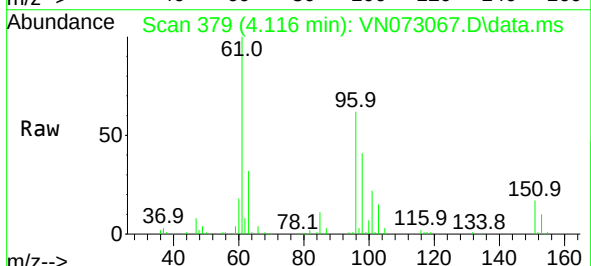
Manual Integrations
APPROVED

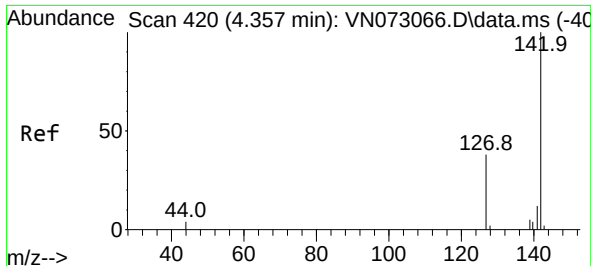
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#10
1,1-Dichloroethene
Concen: 53.019 ug/l
RT: 4.116 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

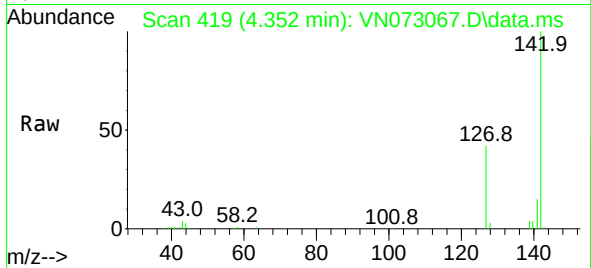
Tgt Ion: 96 Resp: 151023
Ion Ratio Lower Upper
96 100
61 162.1 126.2 189.4
98 66.8 50.9 76.3





#11
Methyl Iodide
Concen: 55.817 ug/l
RT: 4.352 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

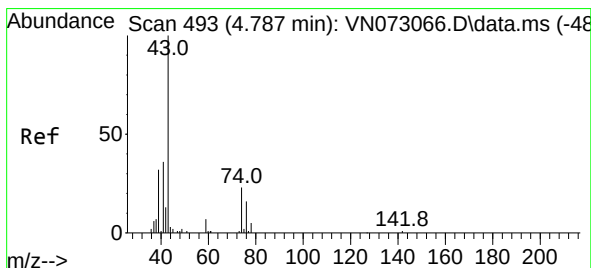
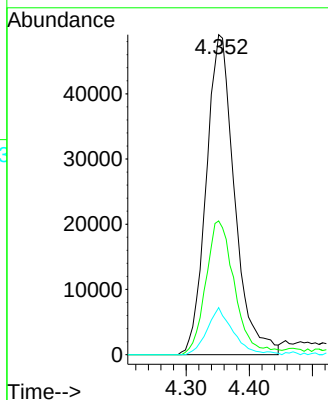
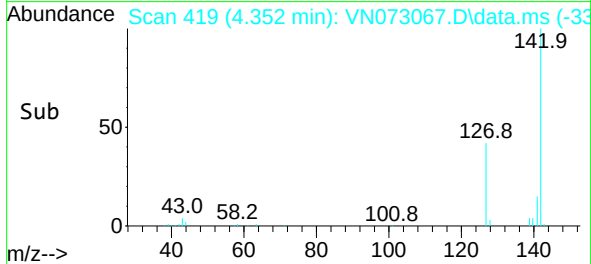
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:142 Resp: 152789
Ion Ratio Lower Upper
142 100
127 41.7 24.0 72.0
141 14.7 8.4 25.2

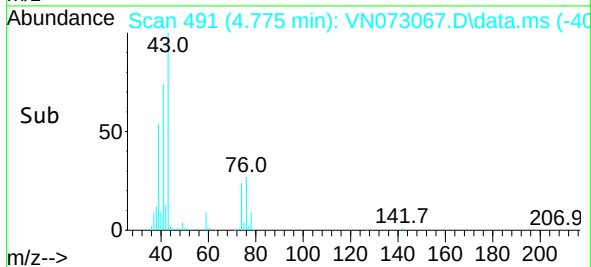
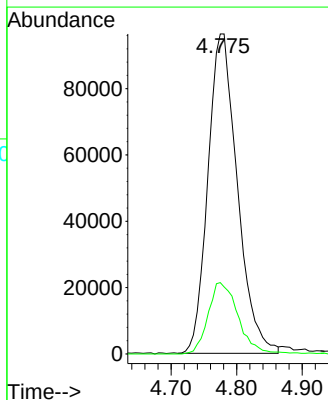
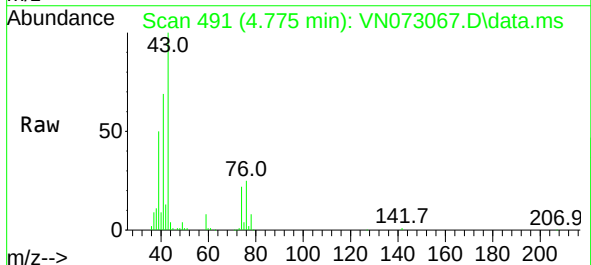
Manual Integrations
APPROVED

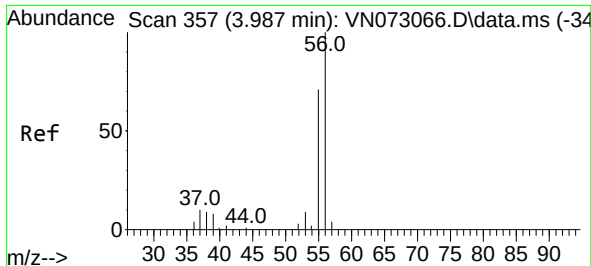
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#12
Methyl Acetate
Concen: 51.100 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.012 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

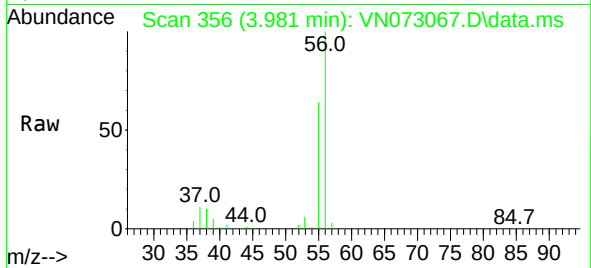
Tgt Ion: 43 Resp: 300584
Ion Ratio Lower Upper
43 100
74 22.3 20.8 31.2





#13
Acrolein
Concen: 292.286 ug/l
RT: 3.981 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

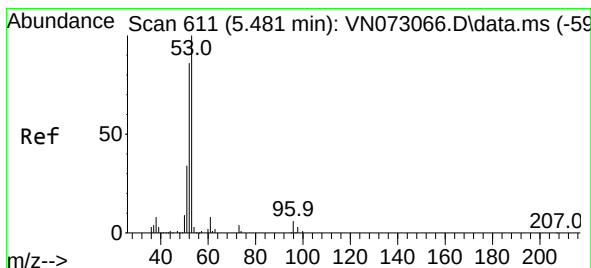
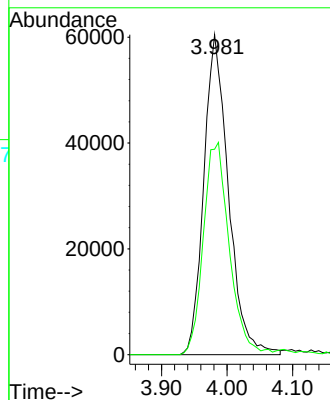
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 56 Resp: 158000
Ion Ratio Lower Upper
56 100
55 69.2 57.6 86.4

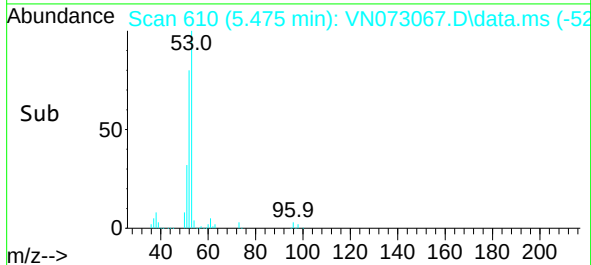
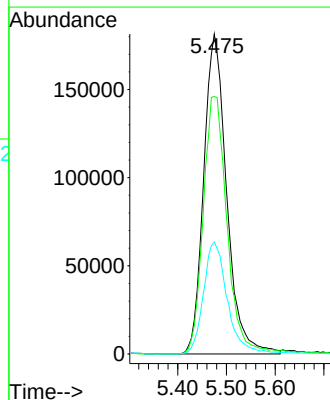
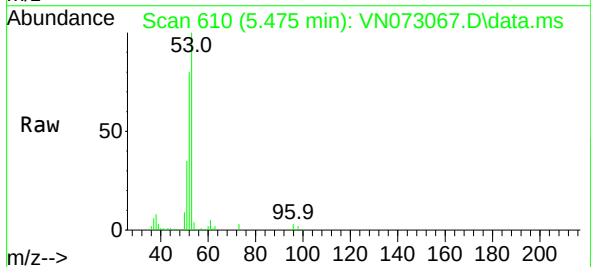
Manual Integrations
APPROVED

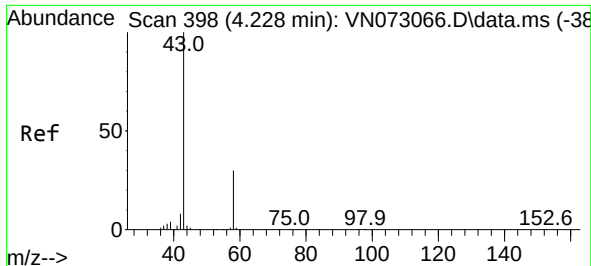
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#14
Acrylonitrile
Concen: 252.857 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

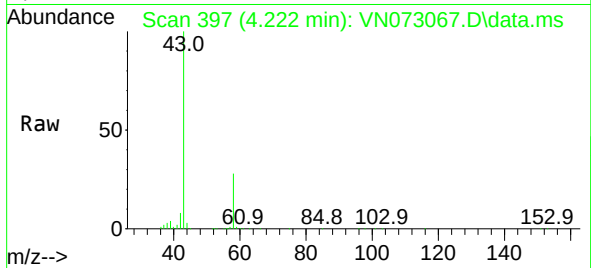
Tgt Ion: 53 Resp: 594787
Ion Ratio Lower Upper
53 100
52 82.6 41.8 125.4
51 35.7 19.0 57.0





#15
Acetone
Concen: 254.893 ug/l
RT: 4.222 min Scan# 398
Delta R.T. -0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

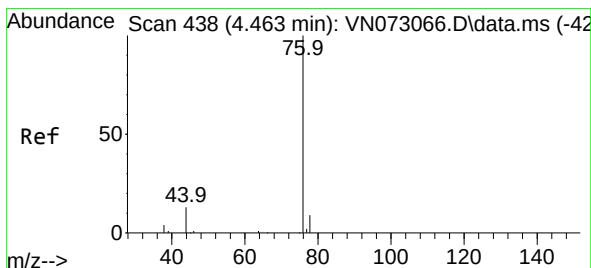
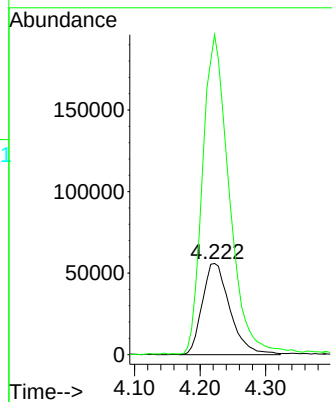
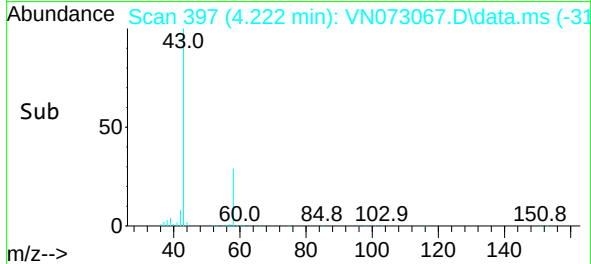
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 58 Resp: 164160
Ion Ratio Lower Upper
58 100
43 350.2 256.6 384.8

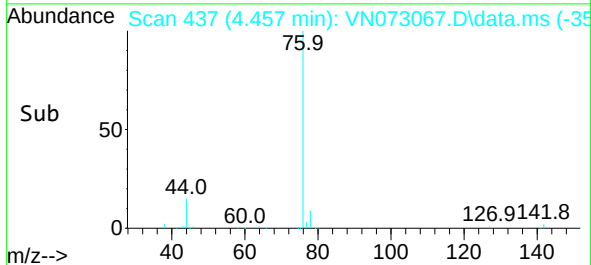
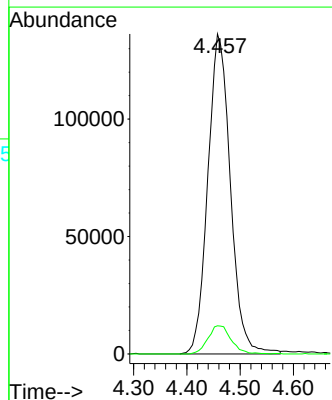
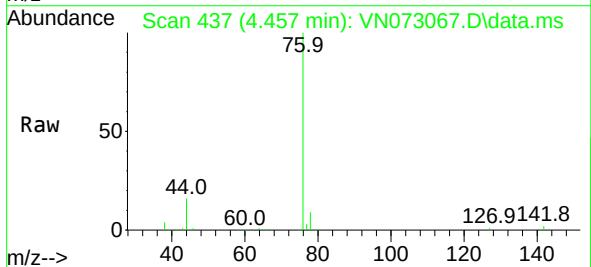
Manual Integrations
APPROVED

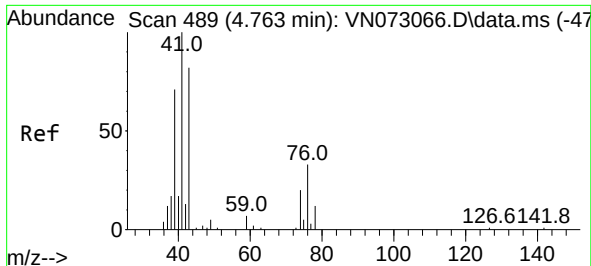
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#16
Carbon Disulfide
Concen: 55.393 ug/l
RT: 4.457 min Scan# 437
Delta R.T. -0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

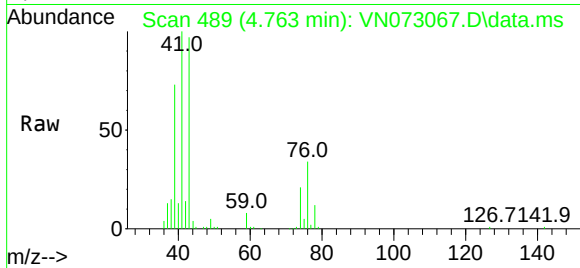
Tgt Ion: 76 Resp: 401151
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.8





#17
 Allyl chloride
 Concen: 47.935 ug/l
 RT: 4.763 min Scan# 489
 Delta R.T. 0.000 min
 Lab File: VN073067.D
 Acq: 24 Jun 2022 00:46

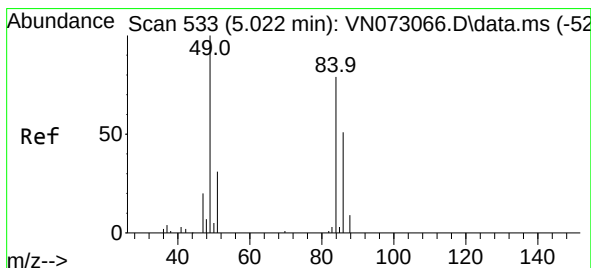
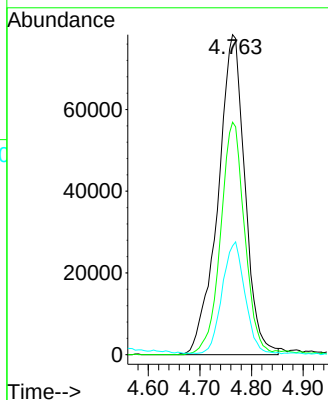
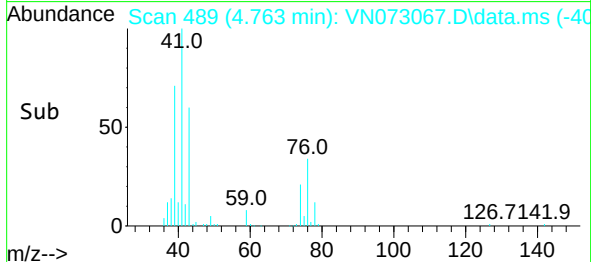
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



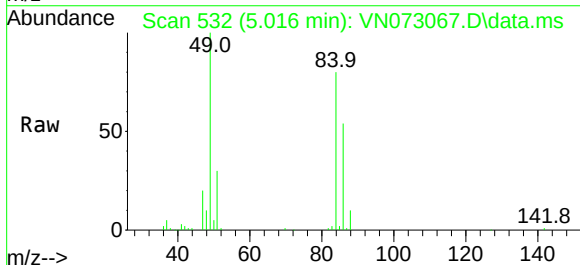
Tgt Ion: 41 Resp: 284520
 Ion Ratio Lower Upper
 41 100
 39 72.7 44.6 134.0
 76 33.3 19.6 58.7

Manual Integrations
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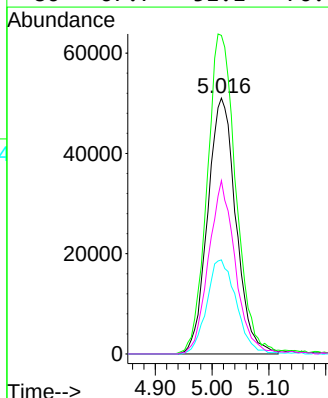
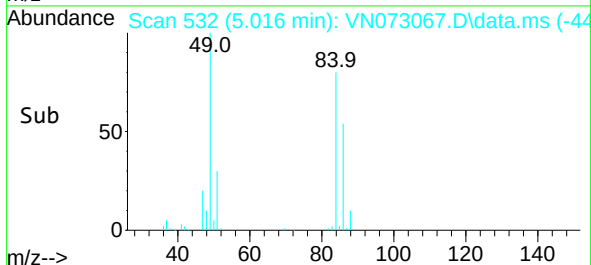
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

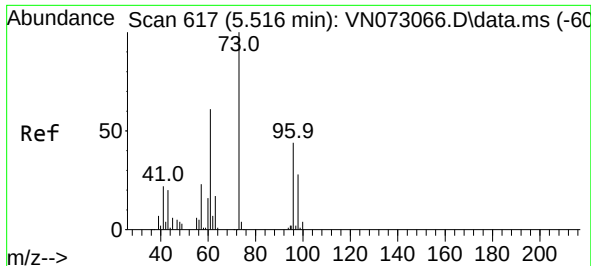


#18
 Methylene Chloride
 Concen: 50.177 ug/l
 RT: 5.016 min Scan# 532
 Delta R.T. -0.006 min
 Lab File: VN073067.D
 Acq: 24 Jun 2022 00:46



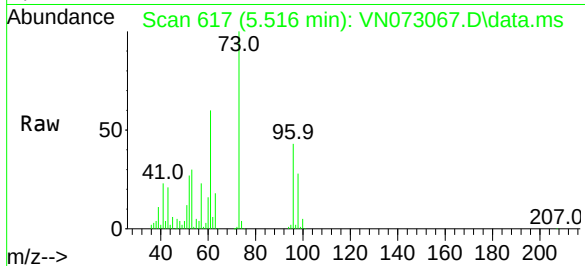
Tgt Ion: 84 Resp: 176053
 Ion Ratio Lower Upper
 84 100
 49 124.1 91.4 137.0
 51 36.8 29.4 44.0
 86 67.7 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 52.118 ug/l
RT: 5.516 min Scan# 617
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

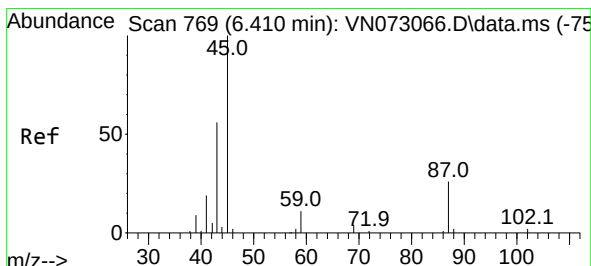
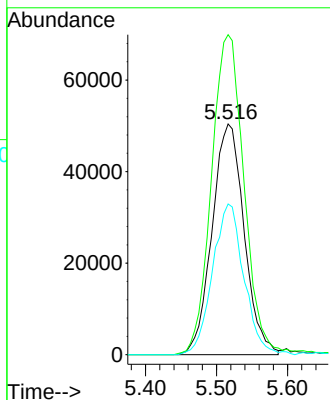
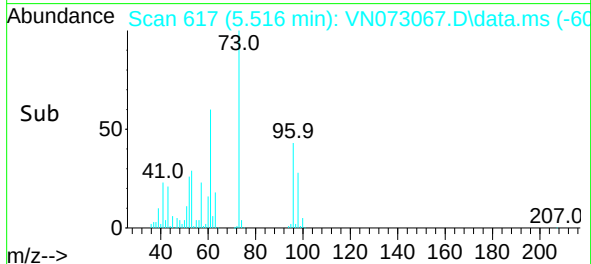
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 96 Resp: 158179
Ion Ratio Lower Upper
96 100
61 138.2 102.8 154.2
98 65.3 49.3 73.9

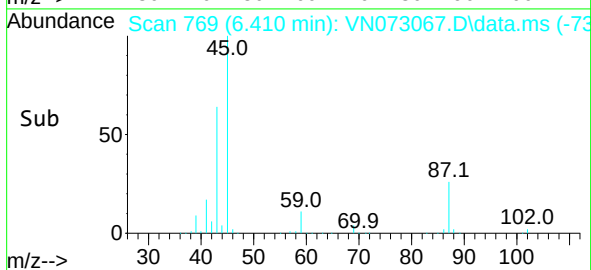
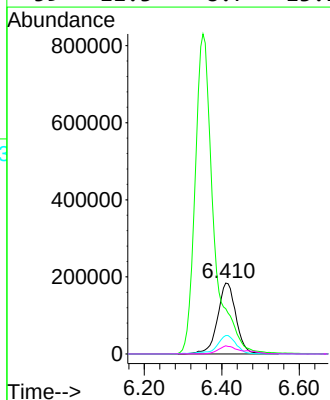
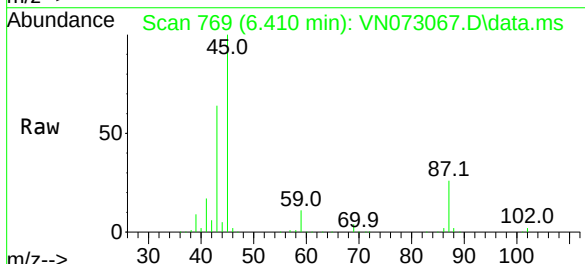
Manual Integrations
APPROVED

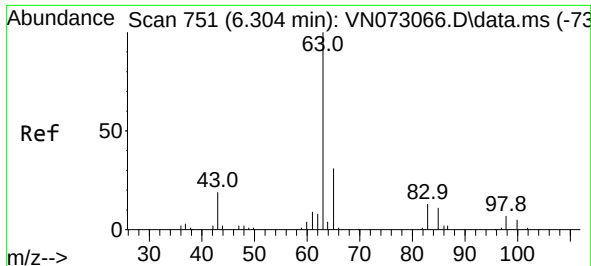
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#20
Diisopropyl ether
Concen: 51.433 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

Tgt Ion: 45 Resp: 610152
Ion Ratio Lower Upper
45 100
43 63.2 51.0 76.4
87 25.8 25.0 37.4
59 11.3 8.7 13.1





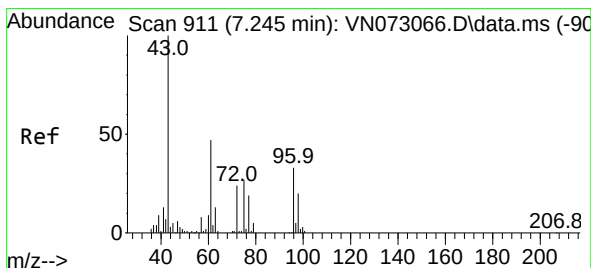
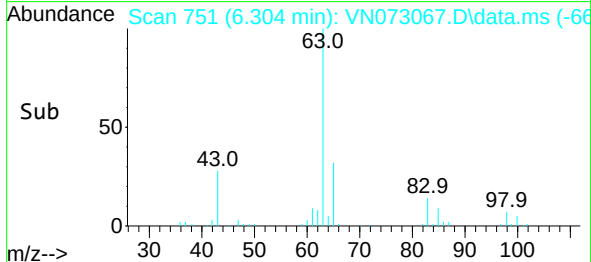
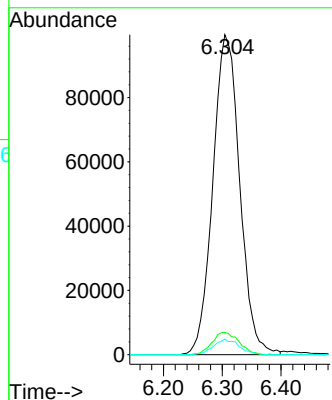
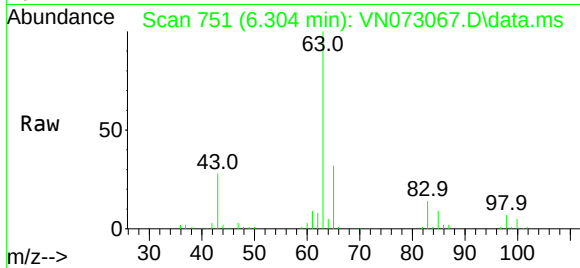
#21
1,1-Dichloroethane
Concen: 48.127 ug/l
RT: 6.304 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 31602
Ion Ratio Lower Upper
63 100
98 6.9 3.2 9.6
100 4.9 2.1 6.2

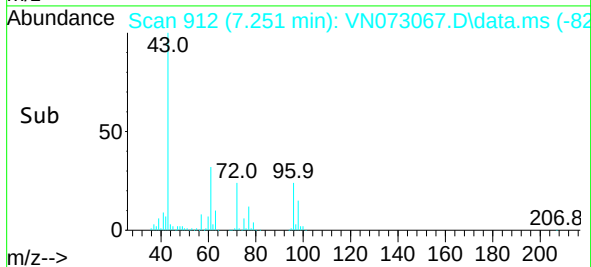
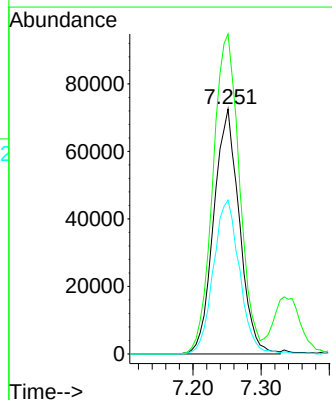
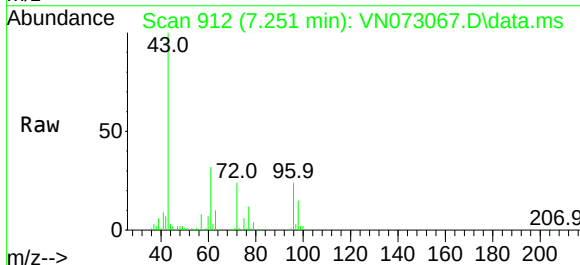
Manual Integrations
APPROVED

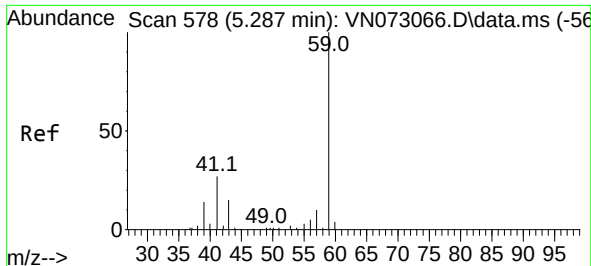
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#22
cis-1,2-Dichloroethene
Concen: 50.465 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

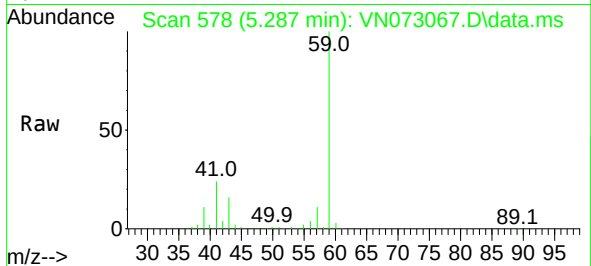
Tgt Ion: 96 Resp: 189857
Ion Ratio Lower Upper
96 100
61 135.2 115.7 173.5
98 64.1 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 219.047 ug/l
RT: 5.287 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

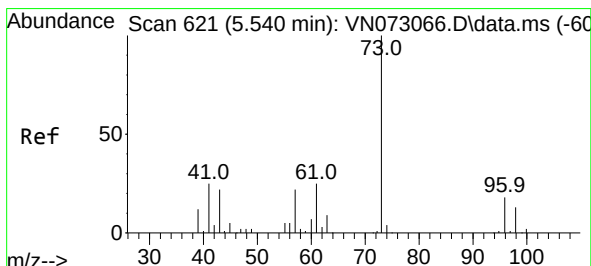
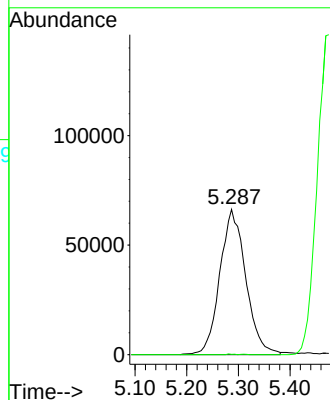
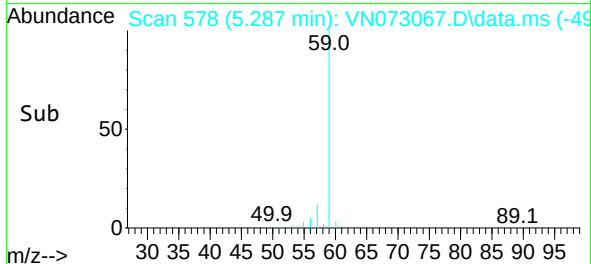
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



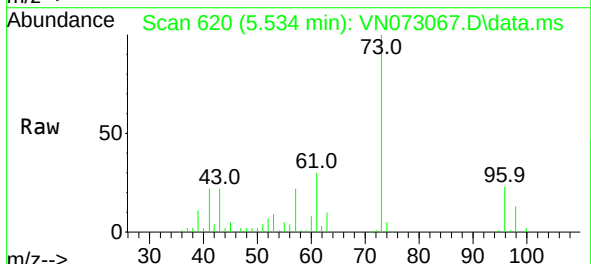
Tgt Ion: 59 Resp: 23110
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

Manual Integrations
APPROVED

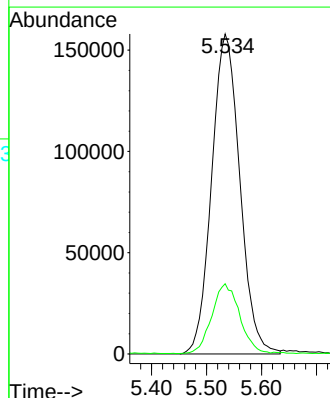
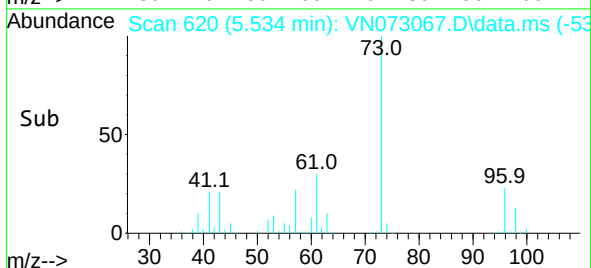
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

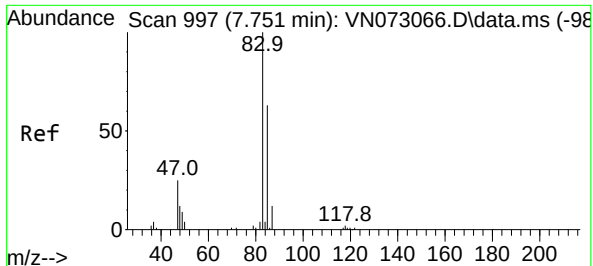


#24
Methyl tert-Butyl Ether
Concen: 46.279 ug/l
RT: 5.534 min Scan# 620
Delta R.T. -0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46



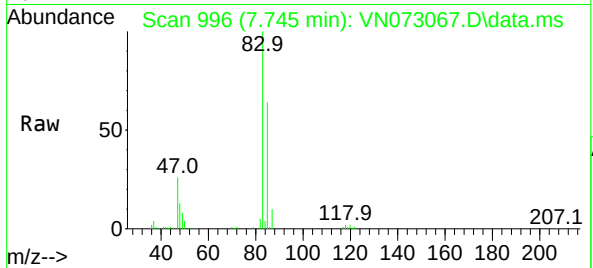
Tgt Ion: 73 Resp: 562648
Ion Ratio Lower Upper
73 100
43 21.6 18.1 27.1





#25
Chloroform
Concen: 47.276 ug/l
RT: 7.745 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

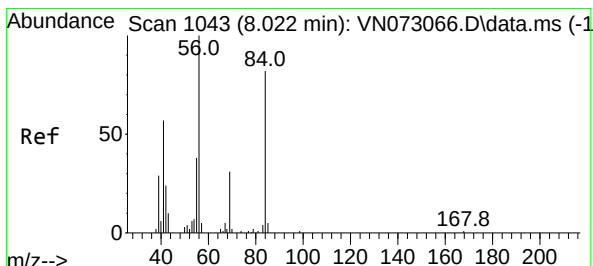
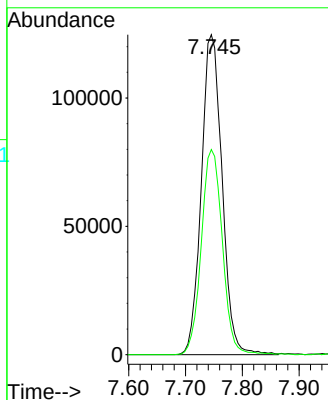
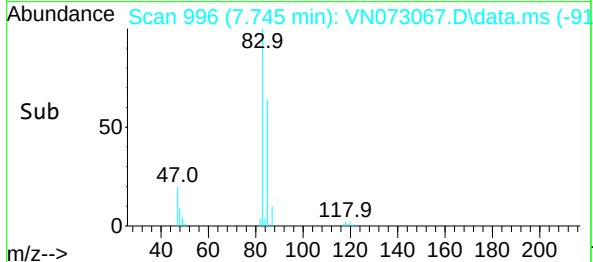
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 316529
Ion Ratio Lower Upper
83 100
85 63.9 51.3 76.9

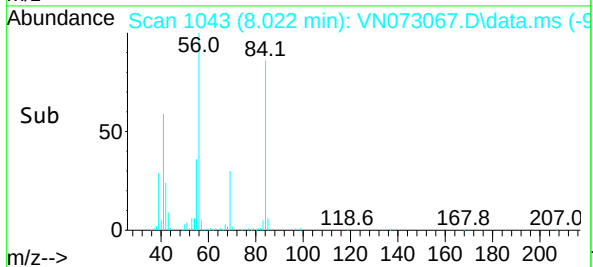
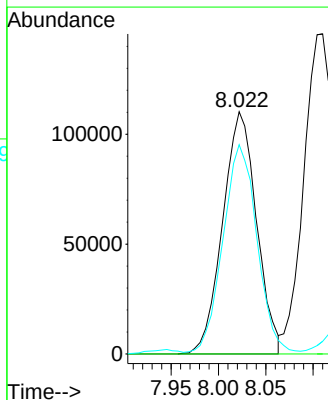
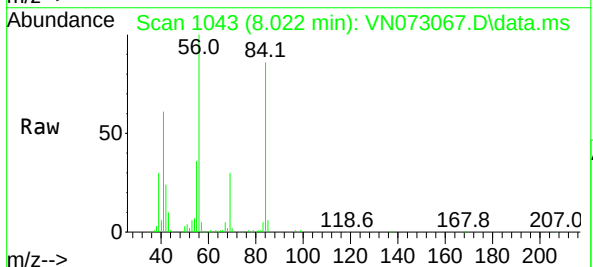
Manual Integrations
APPROVED

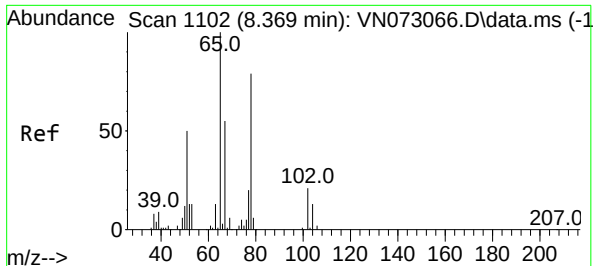
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#26
Cyclohexane
Concen: 49.719 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

Tgt Ion: 56 Resp: 274478
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 87.4 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 26.164 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073067.D

Acq: 24 Jun 2022 00:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 65 Resp: 12270

Ion Ratio Lower Upper

65 100

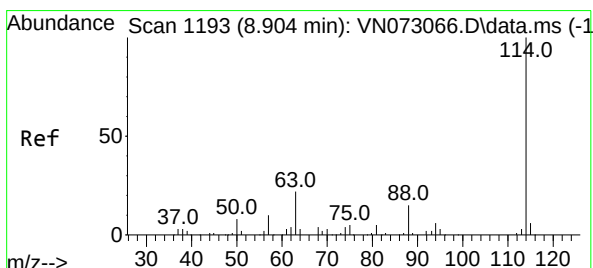
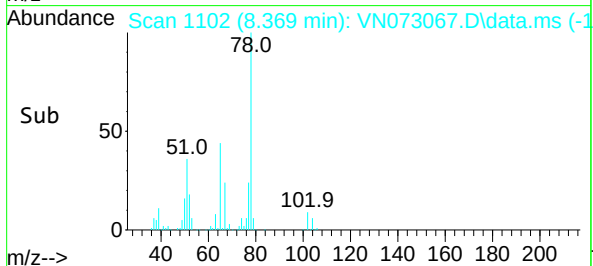
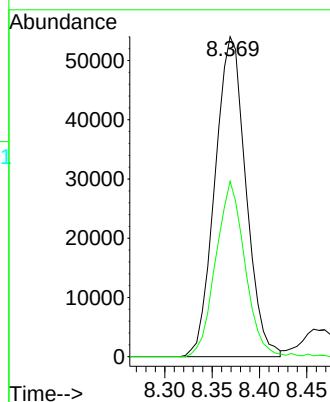
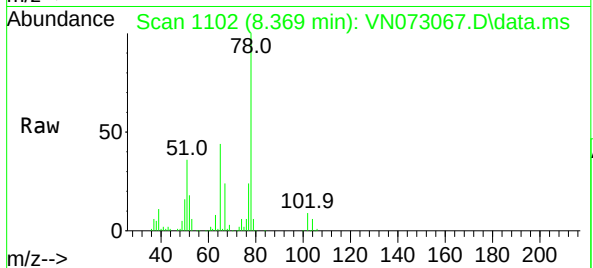
67 51.5 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN073067.D

Acq: 24 Jun 2022 00:46

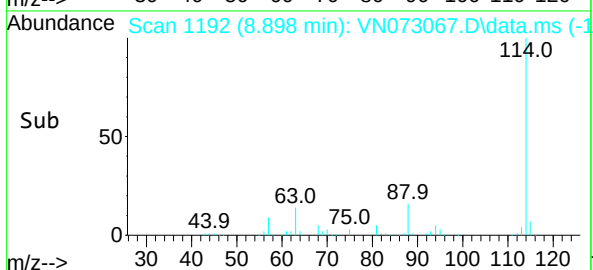
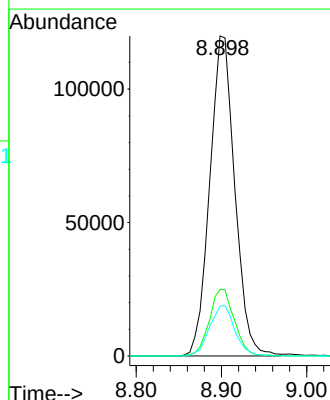
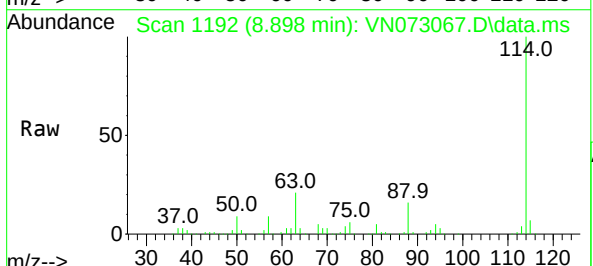
Tgt Ion:114 Resp: 244575

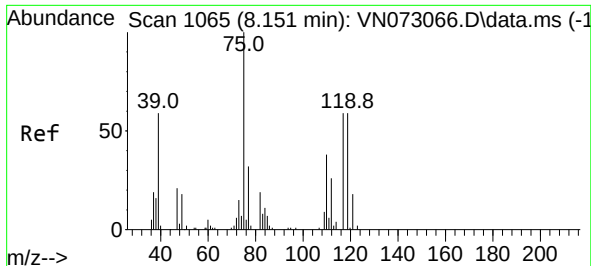
Ion Ratio Lower Upper

114 100

63 20.9 15.8 23.6

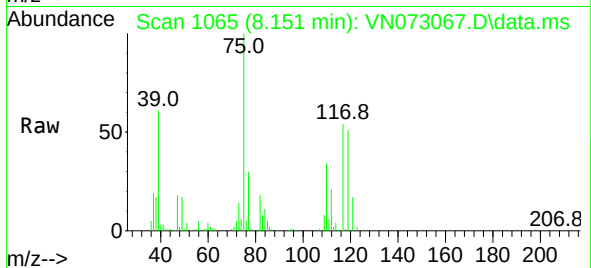
88 15.9 11.6 17.4





#29
1,1-Dichloropropene
Concen: 49.208 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

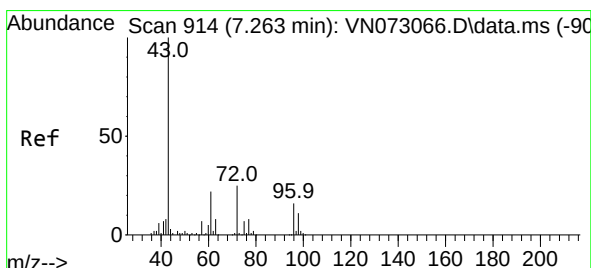
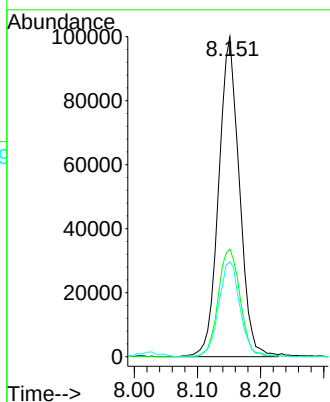
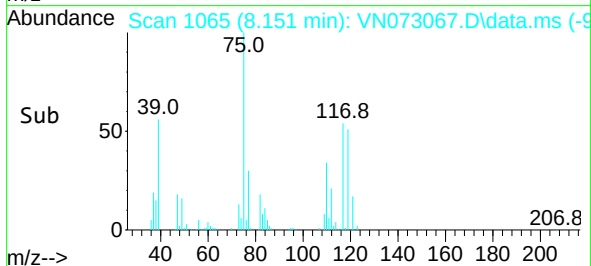
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 75 Resp: 227497
Ion Ratio Lower Upper
75 100
110 35.6 0.0 74.2
77 29.9 0.0 63.2

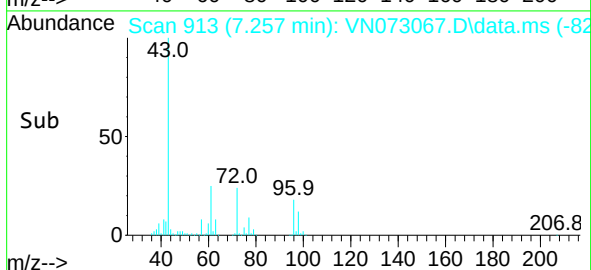
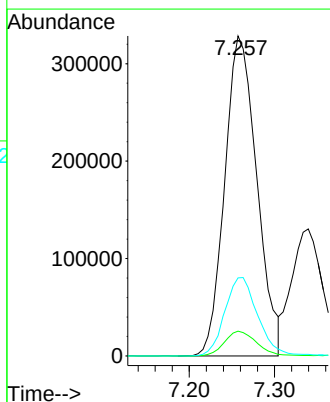
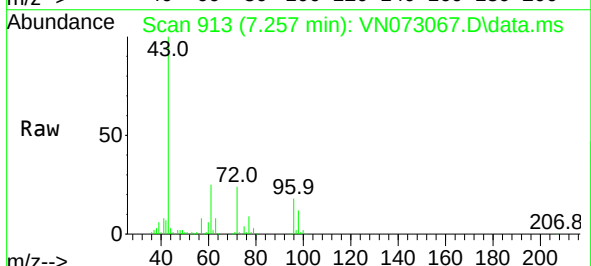
Manual Integrations
APPROVED

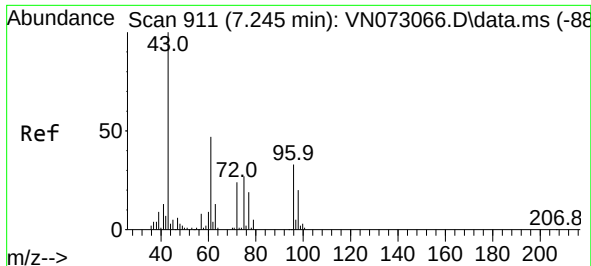
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#30
2-Butanone
Concen: 253.394 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

Tgt Ion: 43 Resp: 860979
Ion Ratio Lower Upper
43 100
57 7.8 6.7 10.1
72 25.3 23.2 34.8





#31

2,2-Dichloropropane

Concen: 19.056 ug/l

RT: 7.251 min Scan# 911

Delta R.T. 0.006 min

Lab File: VN073067.D

Acq: 24 Jun 2022 00:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 77 Resp: 10518

Ion Ratio Lower Upper

77 100

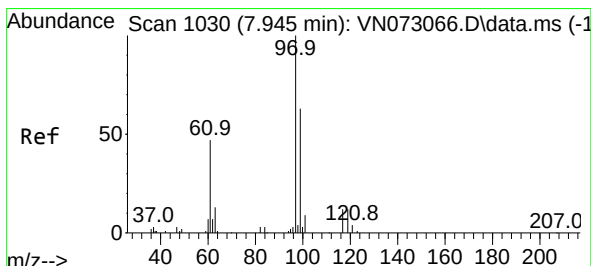
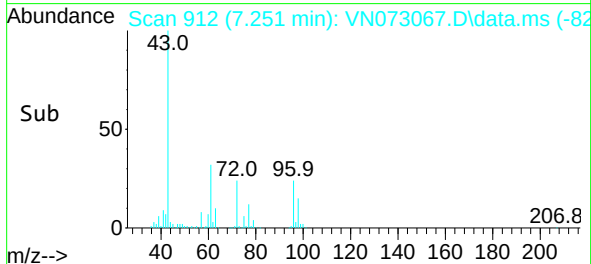
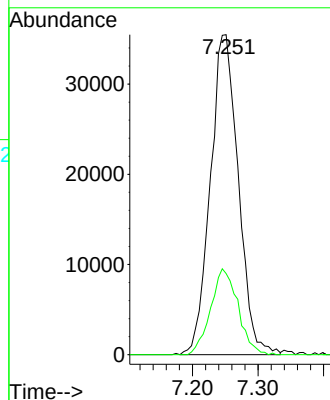
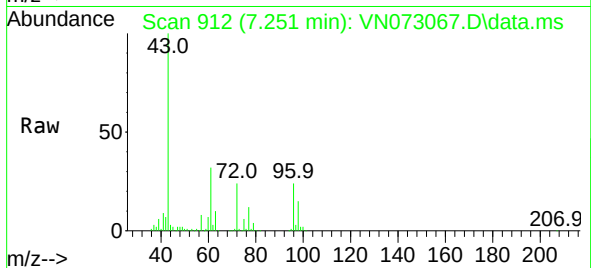
97 26.2 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#32

1,1,1-Trichloroethane

Concen: 46.981 ug/l

RT: 7.940 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VN073067.D

Acq: 24 Jun 2022 00:46

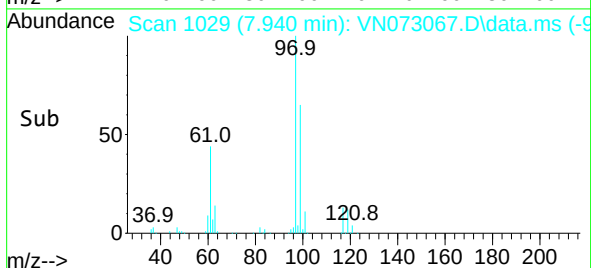
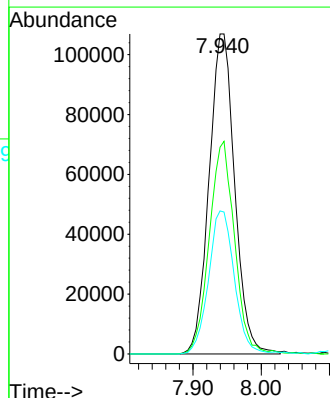
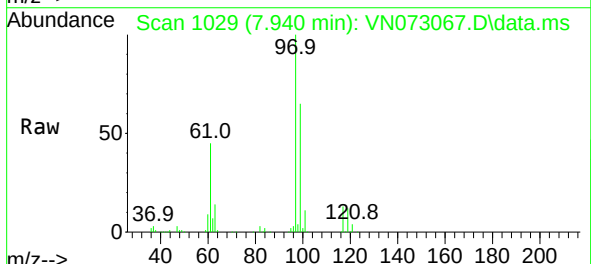
Tgt Ion: 97 Resp: 280145

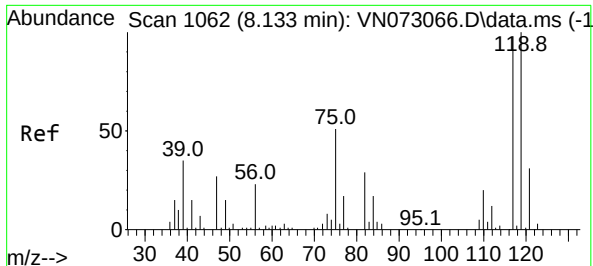
Ion Ratio Lower Upper

97 100

99 65.0 50.4 75.6

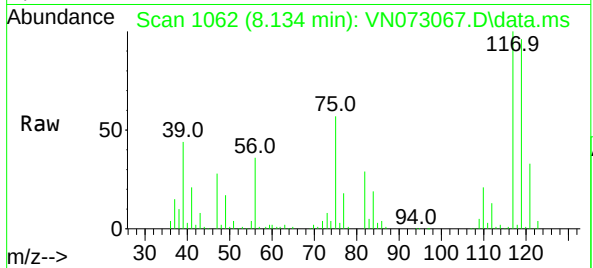
61 44.7 34.6 51.8





#33
Carbon Tetrachloride
Concen: 46.077 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

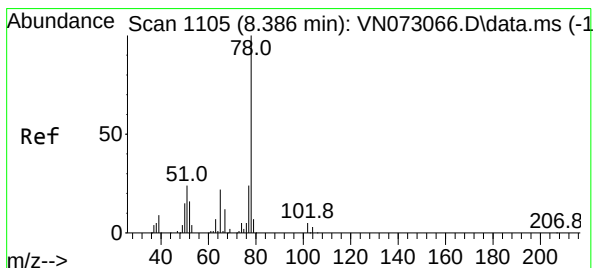
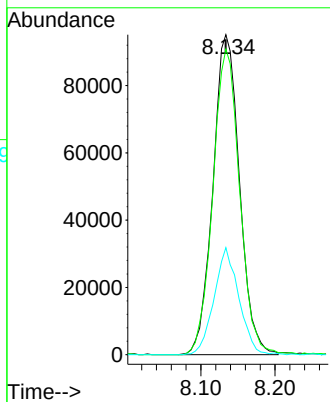
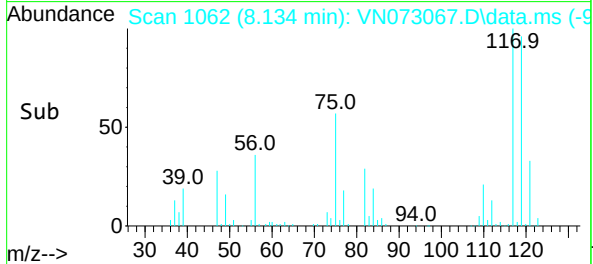
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



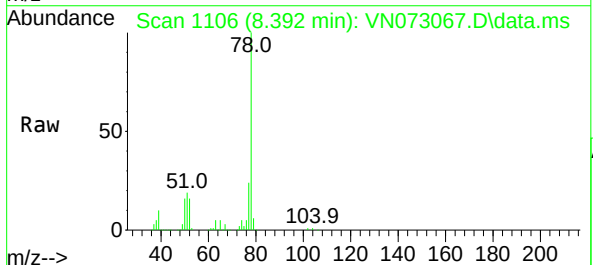
Tgt Ion:117 Resp: 236438
Ion Ratio Lower Upper
117 100
119 95.5 77.5 116.3
121 33.5 23.5 35.3

Manual Integrations
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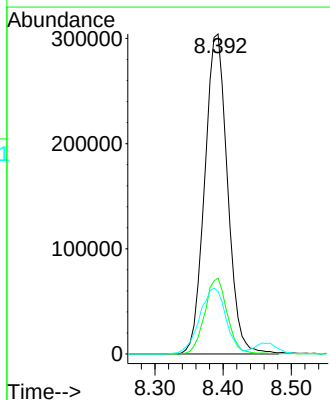
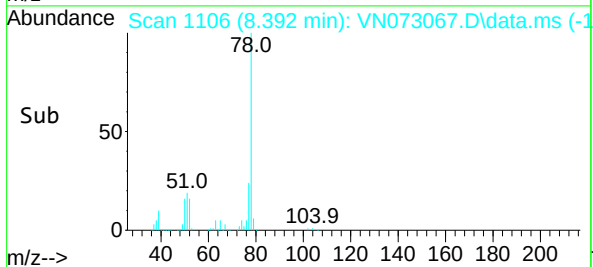
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

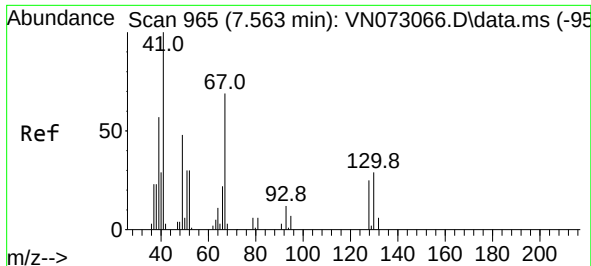


#34
Benzene
Concen: 51.046 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46



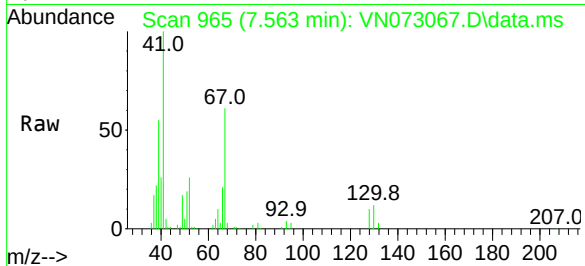
Tgt Ion: 78 Resp: 708244
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7
51 19.1 16.0 24.0





#35
Methacrylonitrile
Concen: 45.233 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

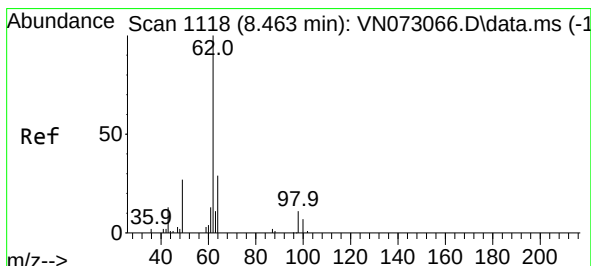
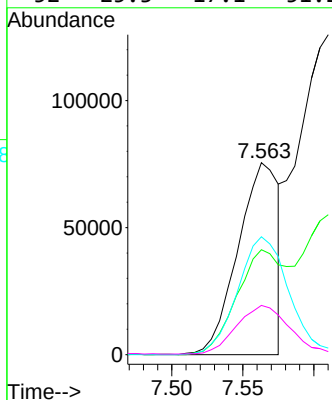
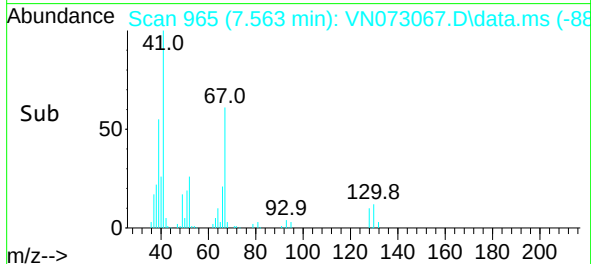
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



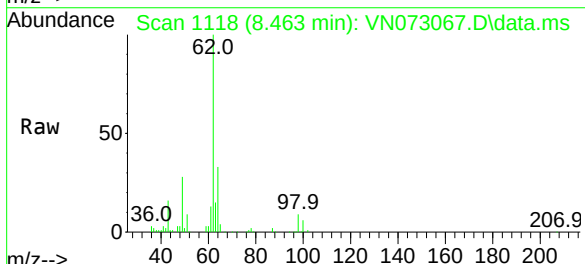
Tgt Ion: 41 Resp: 149634
Ion Ratio Lower Upper
41 100
39 54.7 28.0 83.9
67 61.4 37.7 113.1
52 25.3 17.1 51.2

Manual Integrations
APPROVED

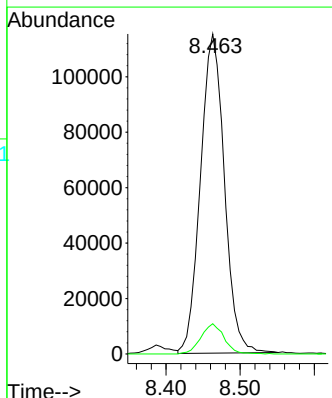
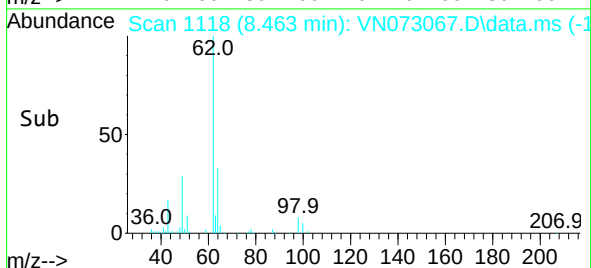
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

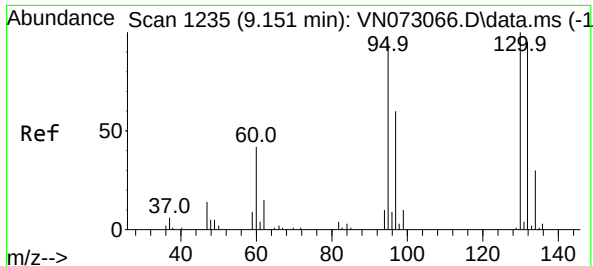


#36
1,2-Dichloroethane
Concen: 45.509 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46



Tgt Ion: 62 Resp: 258491
Ion Ratio Lower Upper
62 100
98 9.2 6.6 10.0





#37

Trichloroethene

Concen: 52.002 ug/l

RT: 9.145 min Scan# 1234

Delta R.T. -0.006 min

Lab File: VN073067.D

Acq: 24 Jun 2022 00:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:130 Resp: 174040

Ion Ratio Lower Upper

130 100

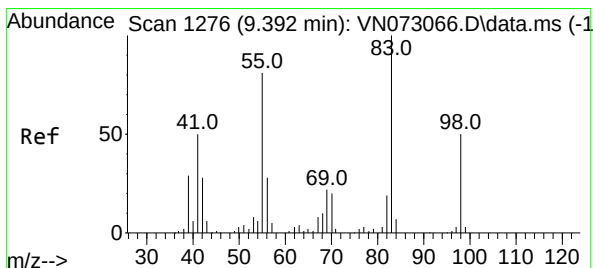
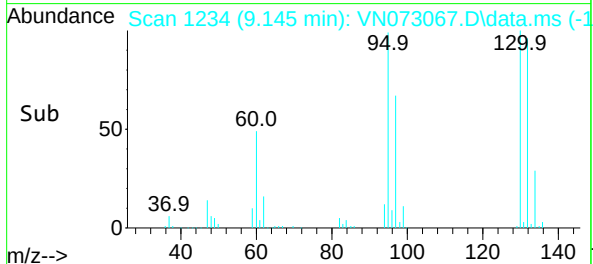
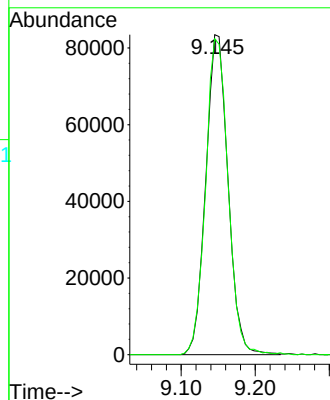
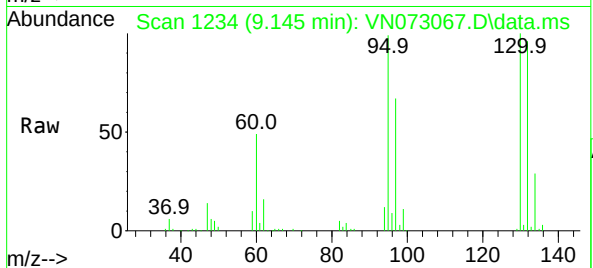
95 98.7 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#38

Methylcyclohexane

Concen: 48.408 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN073067.D

Acq: 24 Jun 2022 00:46

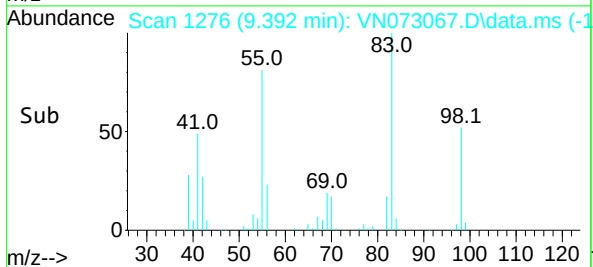
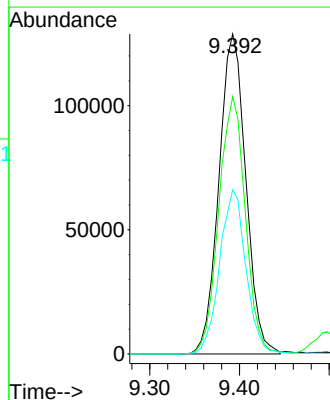
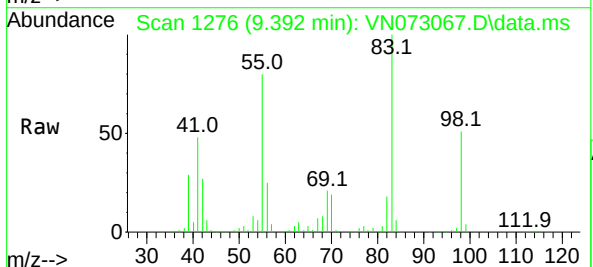
Tgt Ion: 83 Resp: 268018

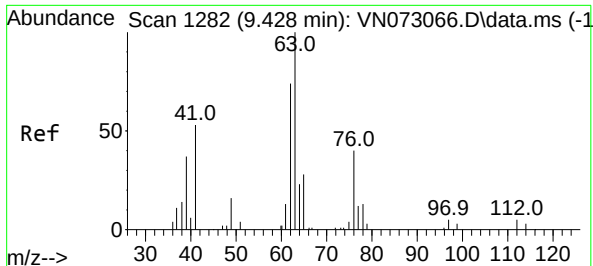
Ion Ratio Lower Upper

83 100

55 79.5 35.1 105.3

98 50.3 23.4 70.2





#39

1,2-Dichloropropane

Concen: 49.006 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073067.D

Acq: 24 Jun 2022 00:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 18411

Ion Ratio Lower Upper

63 100

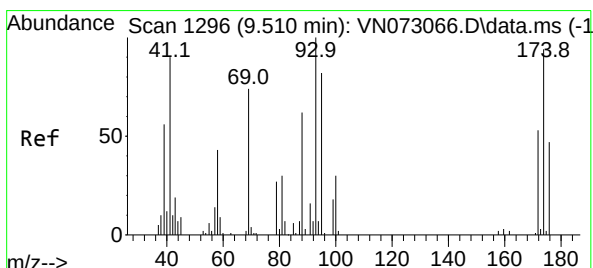
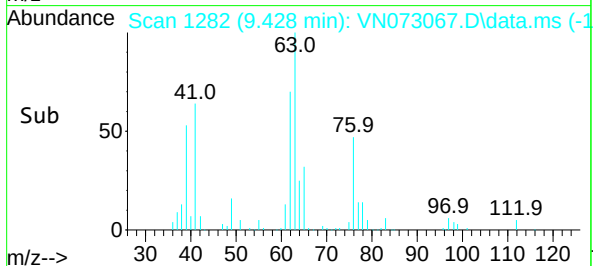
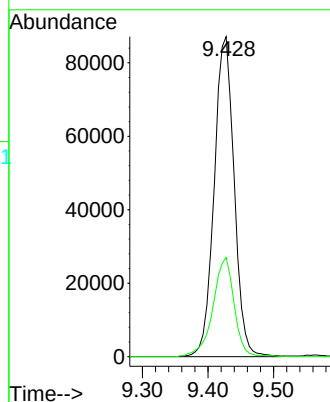
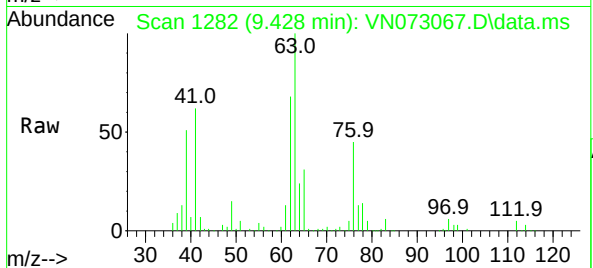
65 31.1 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#40

Dibromomethane

Concen: 47.864 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073067.D

Acq: 24 Jun 2022 00:46

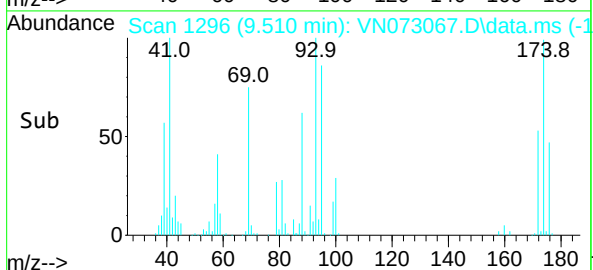
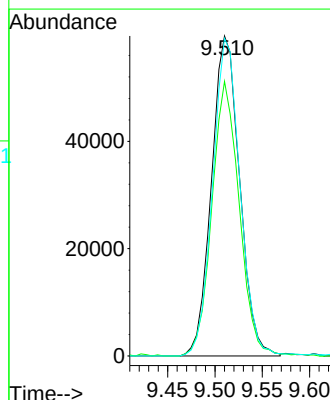
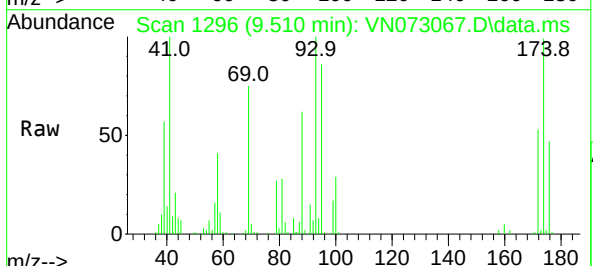
Tgt Ion: 93 Resp: 123350

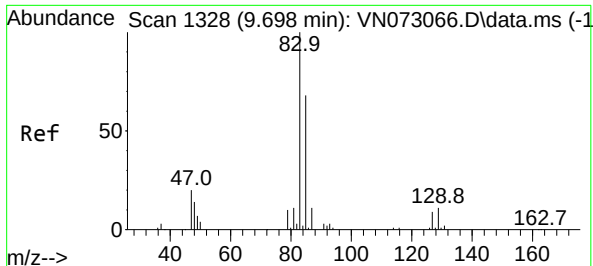
Ion Ratio Lower Upper

93 100

95 83.3 0.0 168.8

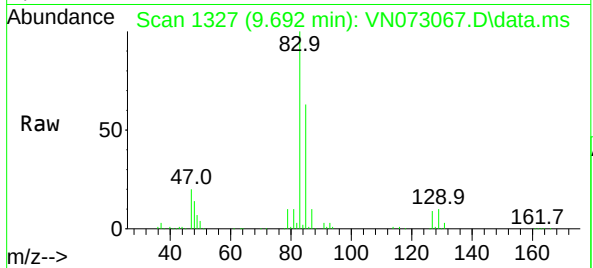
174 96.2 0.0 173.6





#41
Bromodichloromethane
Concen: 46.174 ug/l
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

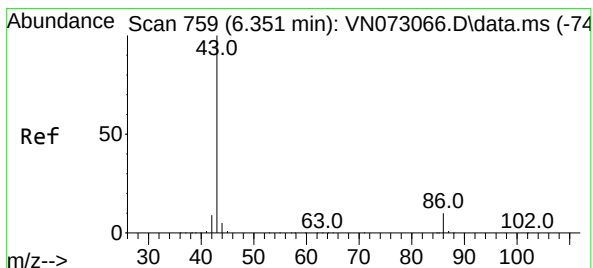
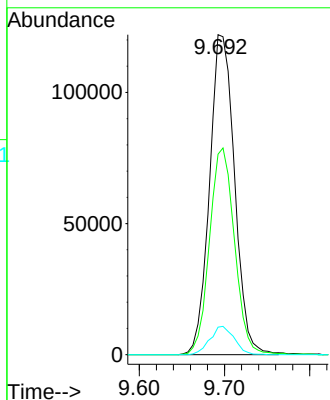
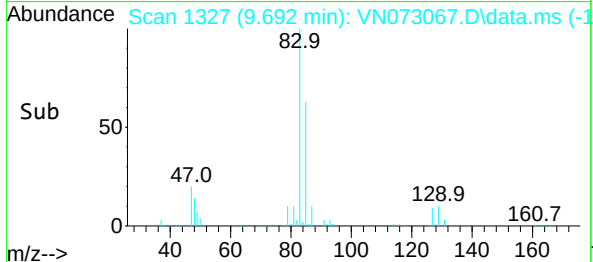
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



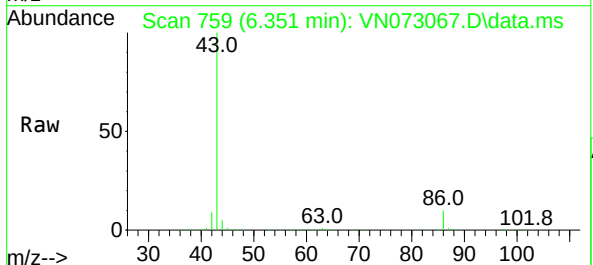
Tgt Ion: 83 Resp: 249220
Ion Ratio Lower Upper
83 100
85 62.7 54.1 81.1
127 8.6 7.6 11.4

Manual Integrations
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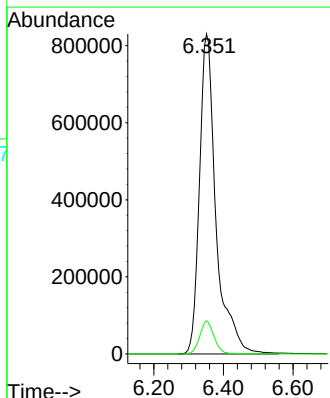
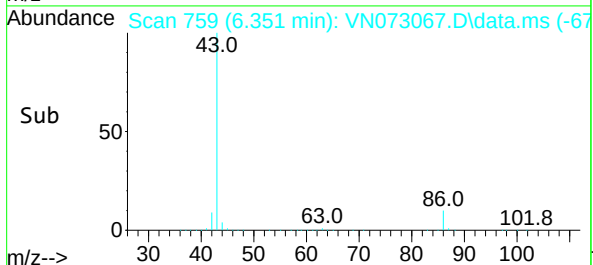
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

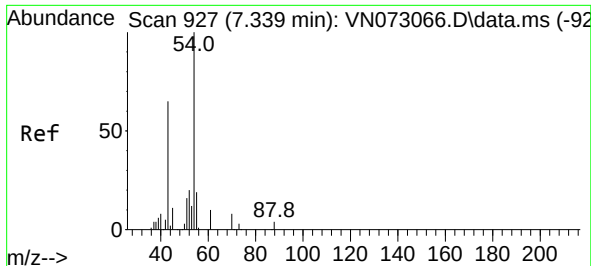


#42
Vinyl Acetate
Concen: 251.422 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46



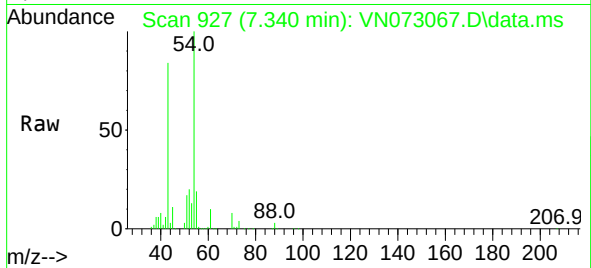
Tgt Ion: 43 Resp: 2738946
Ion Ratio Lower Upper
43 100
86 9.0 7.5 11.3





#43
Ethyl Acetate
Concen: 52.824 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

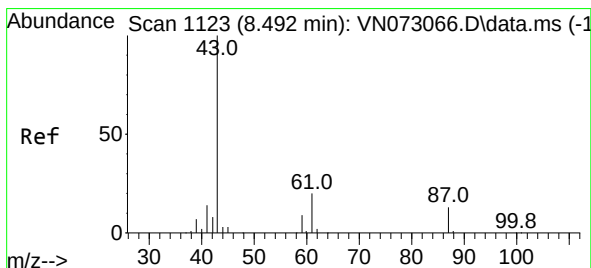
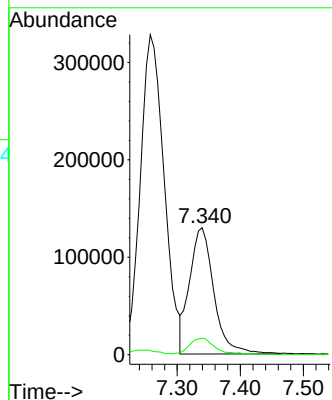
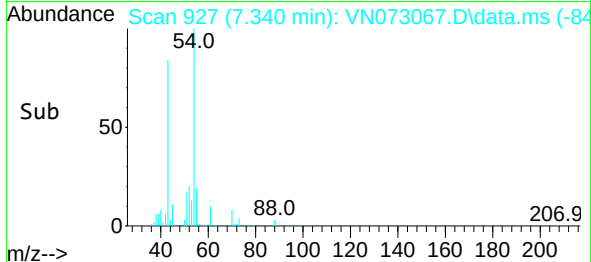
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



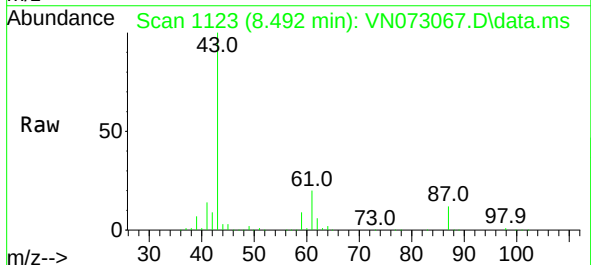
Tgt Ion: 43 Resp: 34549
Ion Ratio Lower Upper
43 100
45 13.8 10.6 16.0

Manual Integrations
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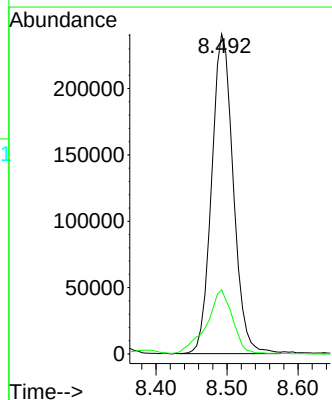
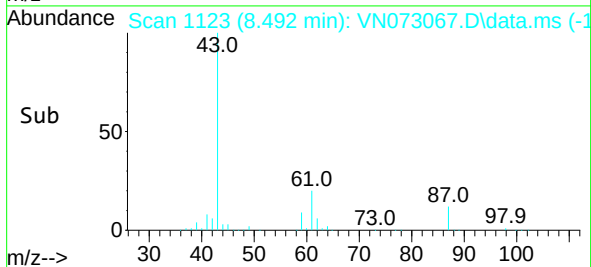
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

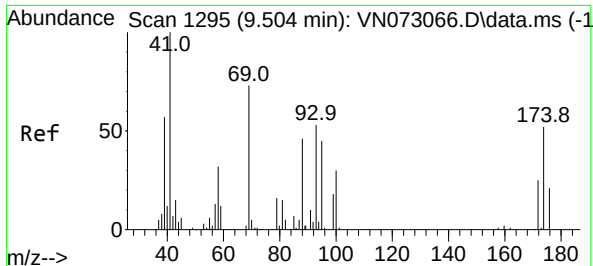


#44
Isopropyl Acetate
Concen: 48.199 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46



Tgt Ion: 43 Resp: 508315
Ion Ratio Lower Upper
43 100
61 24.2 20.1 30.1





#45

1,4-Dioxane

Concen: 988.693 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073067.D

Acq: 24 Jun 2022 00:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 88 Resp: 86730

Ion Ratio Lower Upper

88 100

43 34.4 25.0 37.6

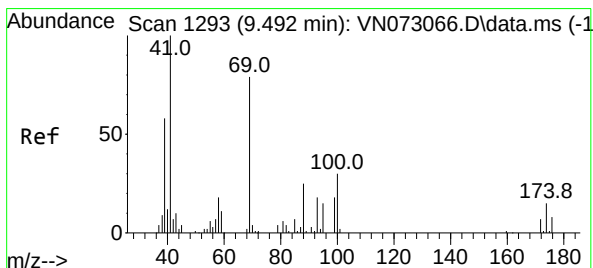
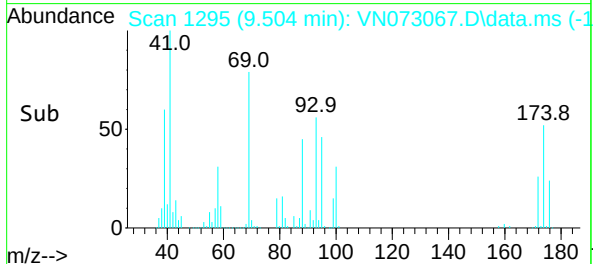
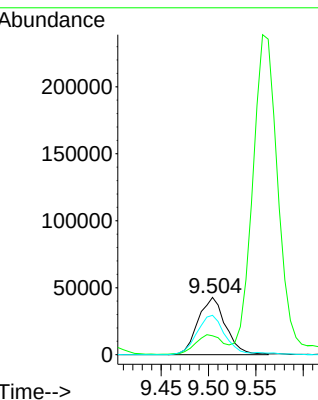
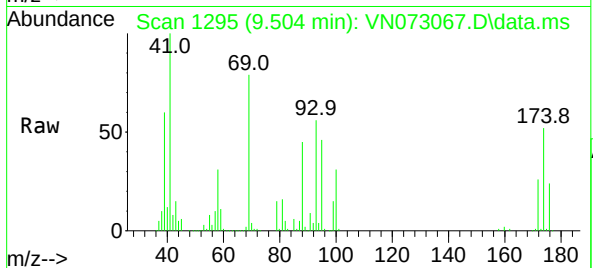
58 69.2 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#46

Methyl methacrylate

Concen: 48.870 ug/l

RT: 9.492 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VN073067.D

Acq: 24 Jun 2022 00:46

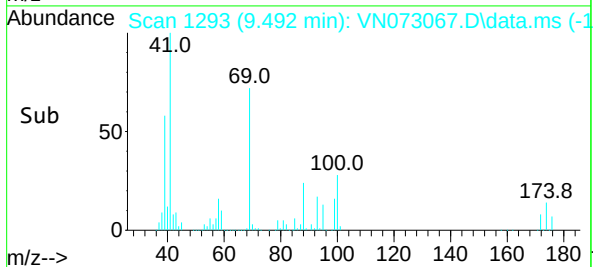
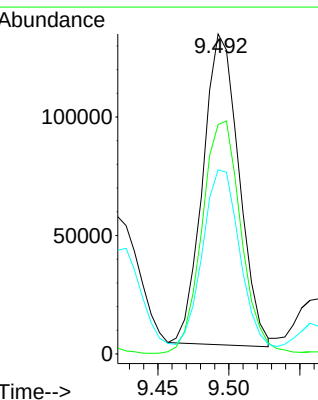
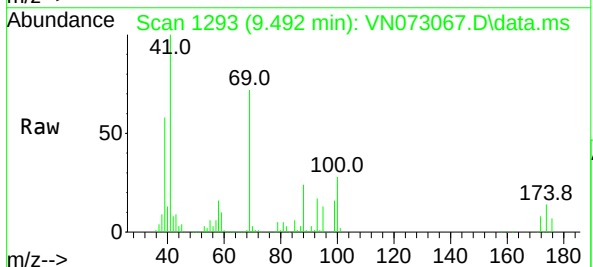
Tgt Ion: 41 Resp: 231571

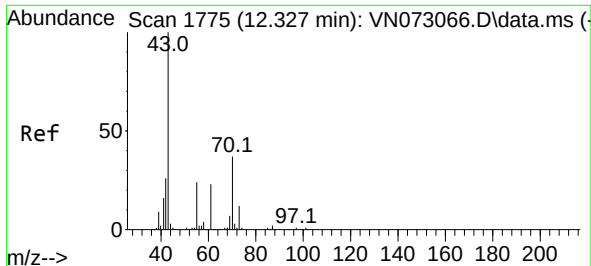
Ion Ratio Lower Upper

41 100

69 73.6 44.4 133.2

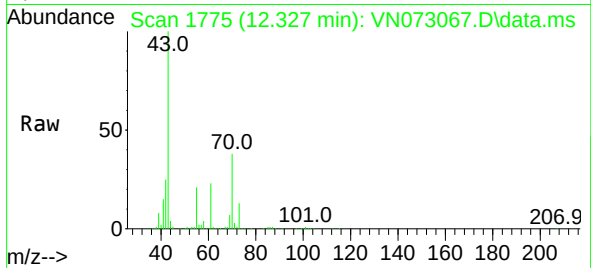
39 56.4 39.9 119.6





#47
n-amy1 Acetate
Concen: 50.531 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

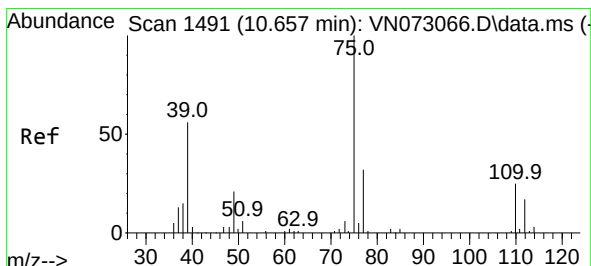
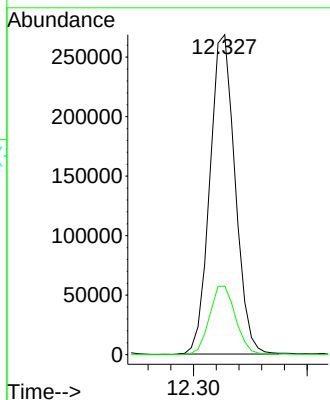
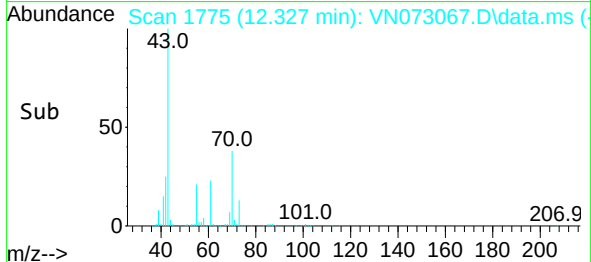
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 414549
Ion Ratio Lower Upper
43 100
55 22.3 19.0 28.6

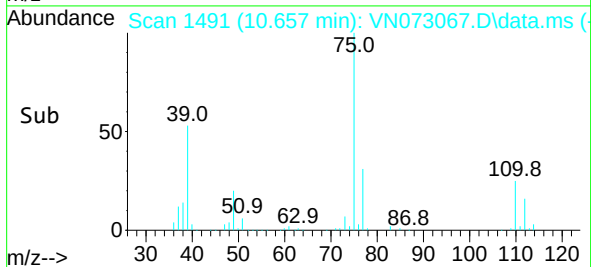
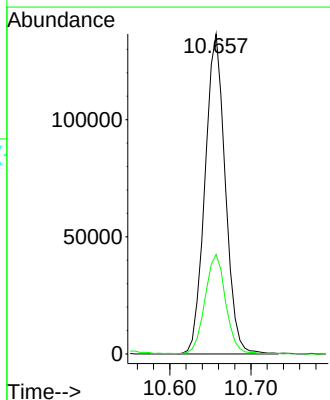
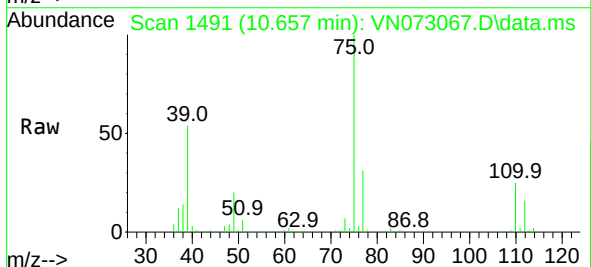
Manual Integrations
APPROVED

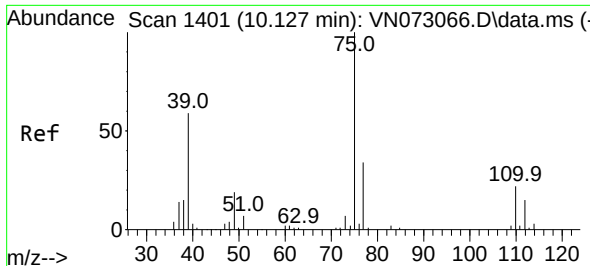
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#48
t-1,3-Dichloropropene
Concen: 39.469 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

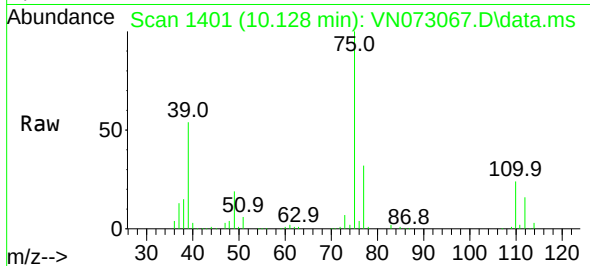
Tgt Ion: 75 Resp: 236746
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 41.410 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN073067.D
 Acq: 24 Jun 2022 00:46

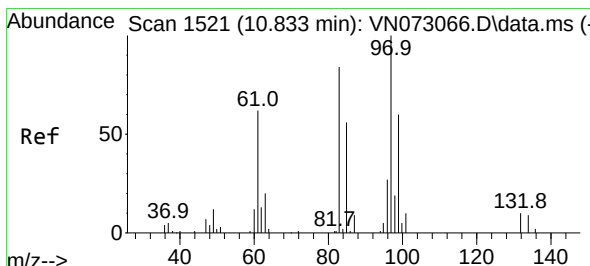
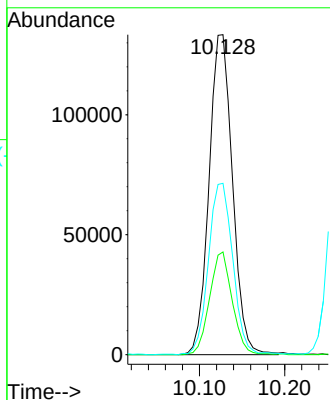
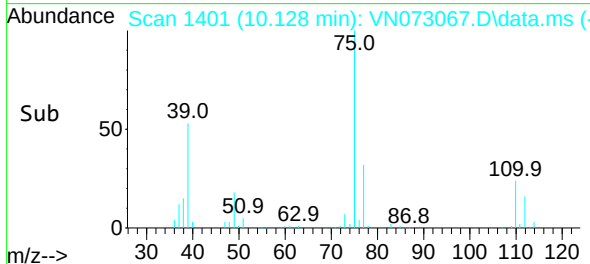
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 75 Resp: 255094
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9
 39 53.6 46.2 69.4

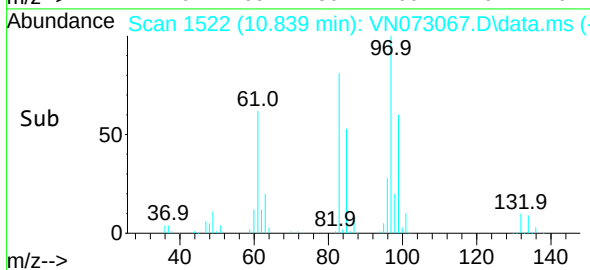
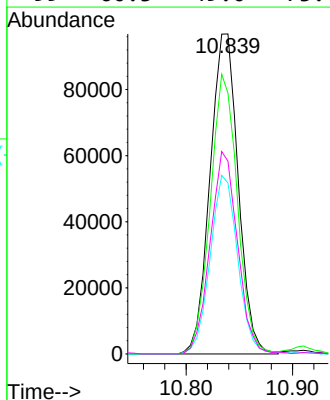
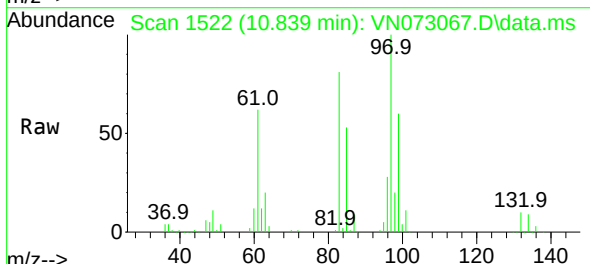
Manual Integrations
 APPROVED

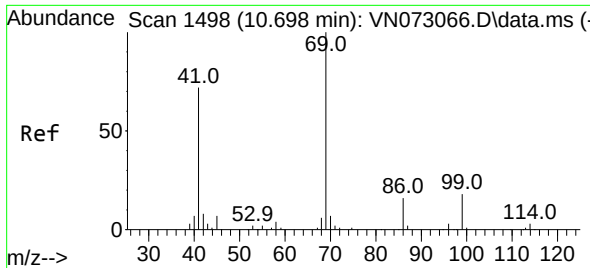
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#50
 1,1,2-Trichloroethane
 Concen: 48.921 ug/l
 RT: 10.839 min Scan# 1522
 Delta R.T. 0.006 min
 Lab File: VN073067.D
 Acq: 24 Jun 2022 00:46

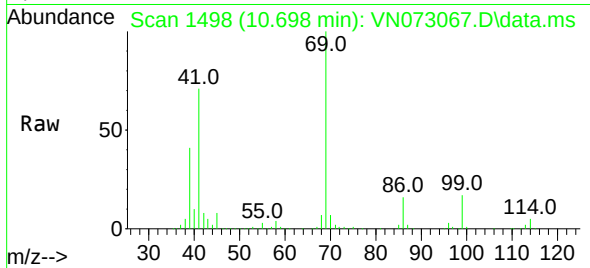
Tgt Ion: 97 Resp: 178071
 Ion Ratio Lower Upper
 97 100
 83 81.5 67.2 100.8
 85 53.4 43.0 64.4
 99 60.3 49.0 73.4





#51
Ethyl methacrylate
Concen: 47.244 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

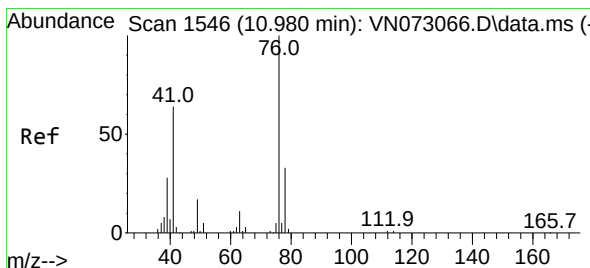
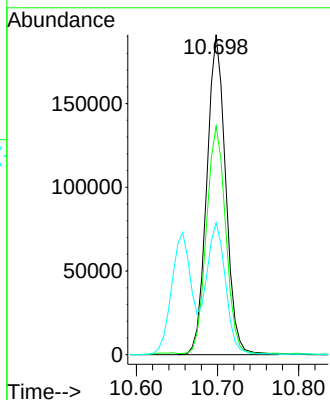
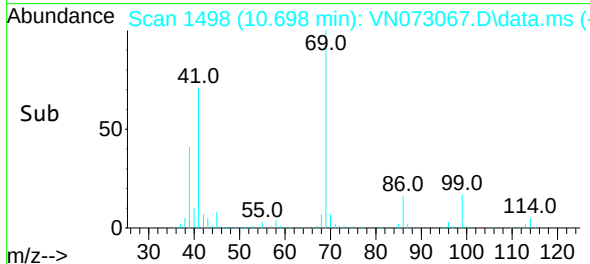
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



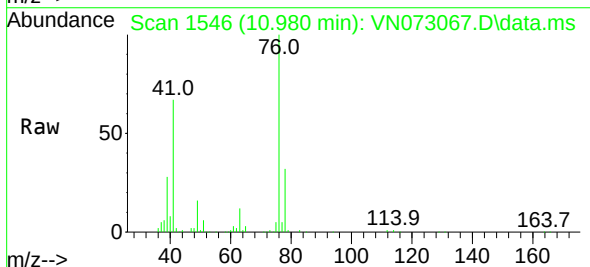
Tgt Ion: 69 Resp: 308288
Ion Ratio Lower Upper
69 100
41 71.1 33.0 98.9
39 41.1 25.4 76.4

Manual Integrations
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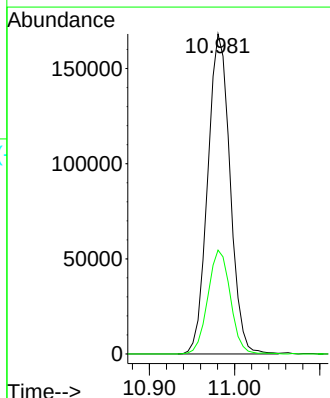
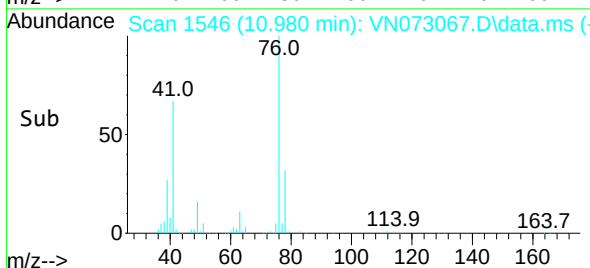
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

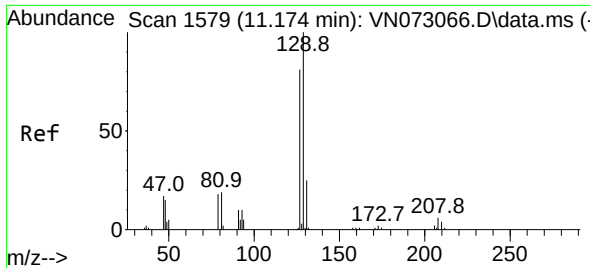


#52
1,3-Dichloropropane
Concen: 47.817 ug/l
RT: 10.980 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46



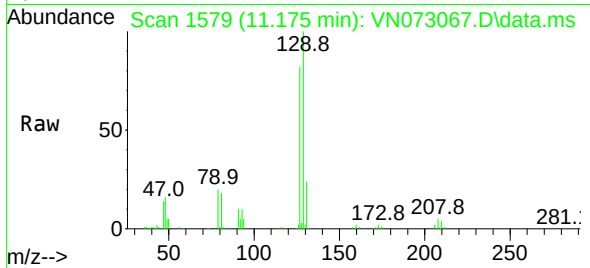
Tgt Ion: 76 Resp: 306460
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.4





#53
Dibromochloromethane
Concen: 47.207 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

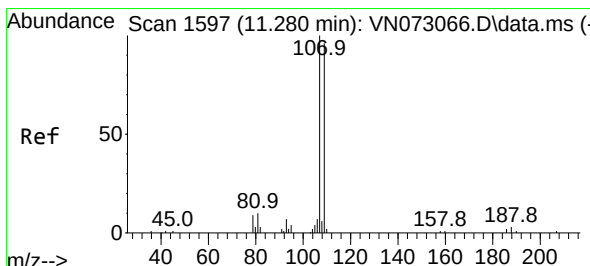
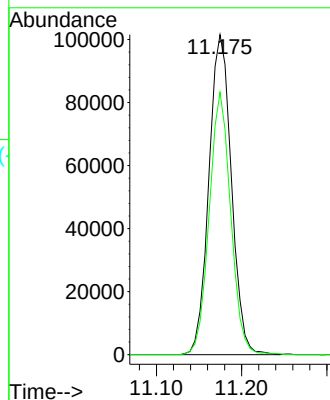
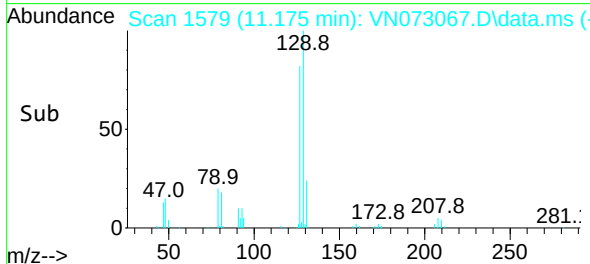
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



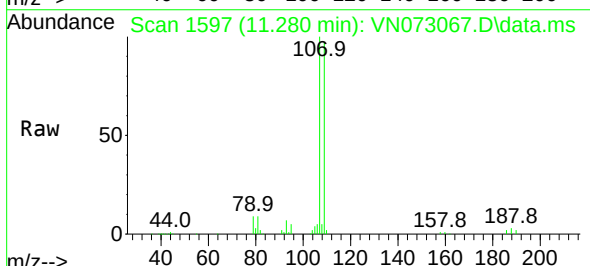
Tgt Ion:129 Resp: 18645
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0

Manual Integrations
APPROVED

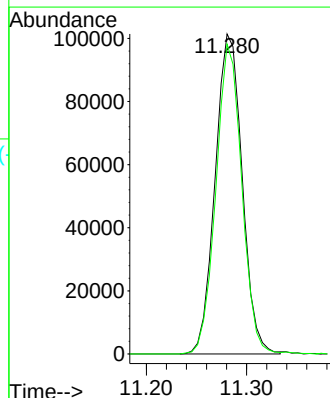
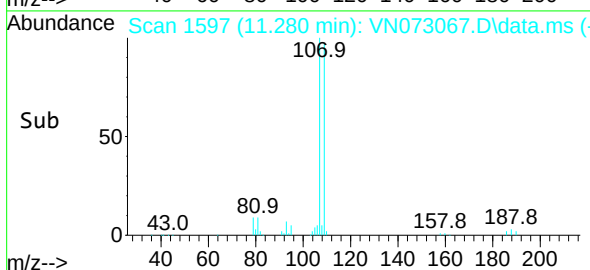
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

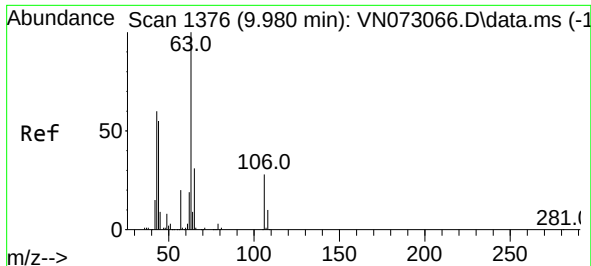


#54
1,2-Dibromoethane
Concen: 49.464 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46



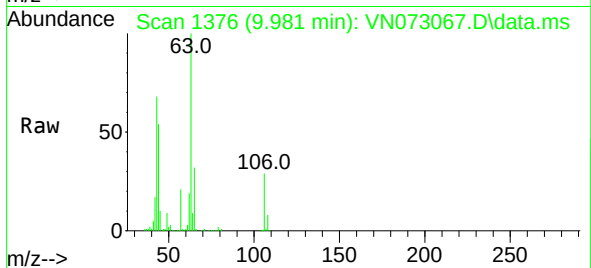
Tgt Ion:107 Resp: 189314
Ion Ratio Lower Upper
107 100
109 92.5 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 242.519 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

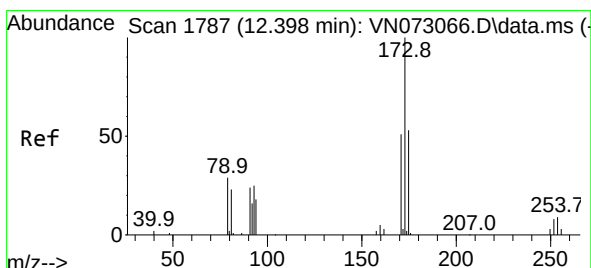
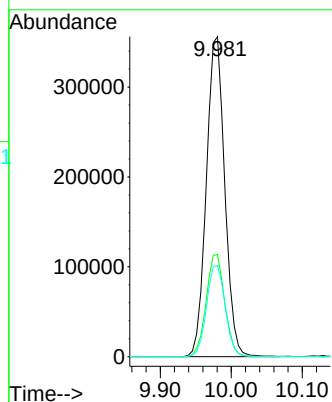
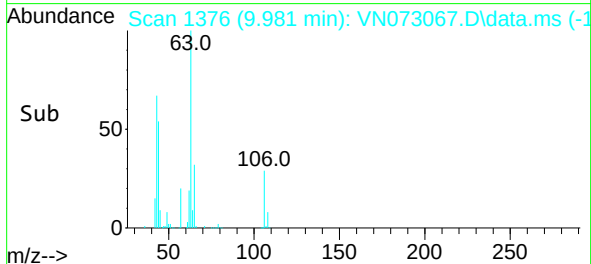
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 63 Resp: 642498
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.0
106 28.9 23.2 34.8

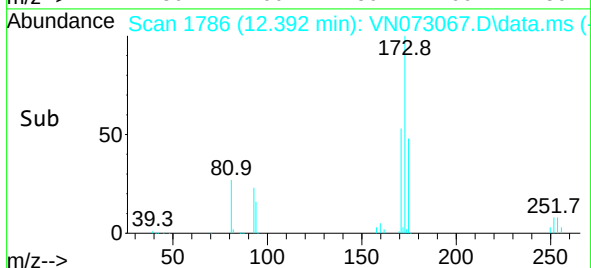
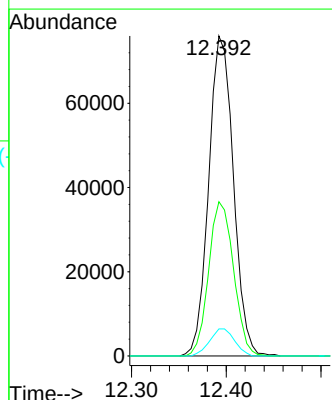
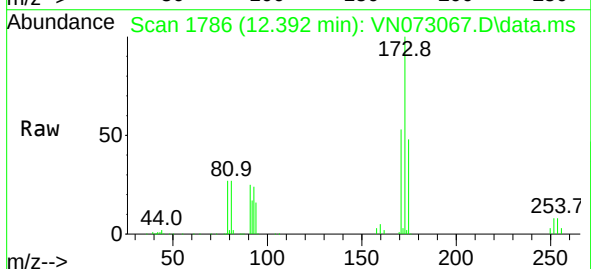
Manual Integrations
APPROVED

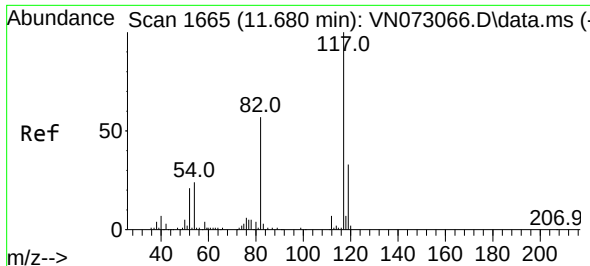
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#56
Bromoform
Concen: 49.541 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. -0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

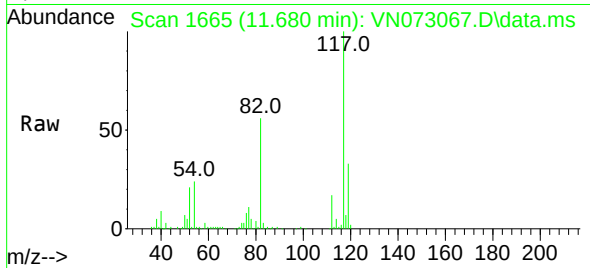
Tgt Ion:173 Resp: 137698
Ion Ratio Lower Upper
173 100
175 48.6 38.6 58.0
254 8.6 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

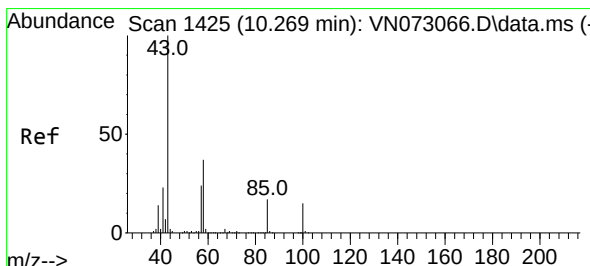
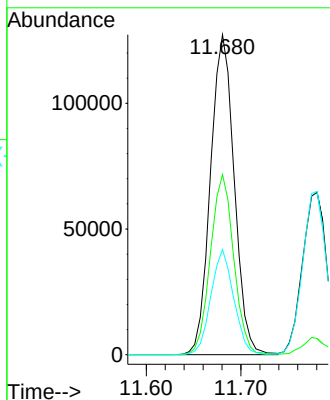
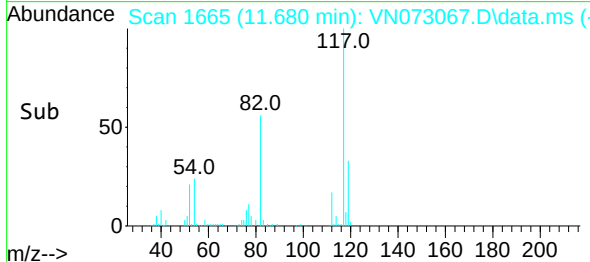
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 222293
Ion Ratio Lower Upper
117 100
82 55.3 43.6 65.4
119 31.6 25.8 38.6

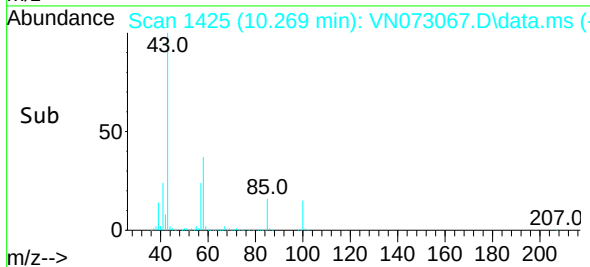
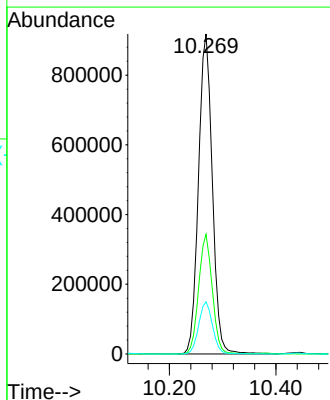
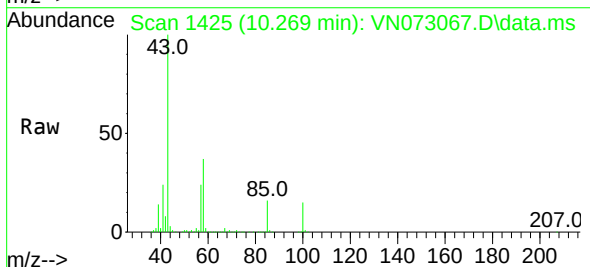
Manual Integrations
APPROVED

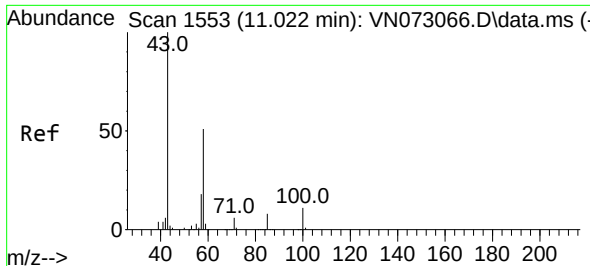
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#58
4-Methyl-2-Pentanone
Concen: 248.645 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

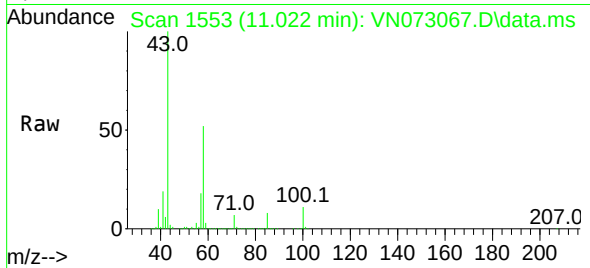
Tgt Ion: 43 Resp: 1653567
Ion Ratio Lower Upper
43 100
58 36.8 30.0 45.0
85 16.3 15.0 22.6





#59
2-Hexanone
Concen: 251.171 ug/l
RT: 11.022 min Scan# 1153
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

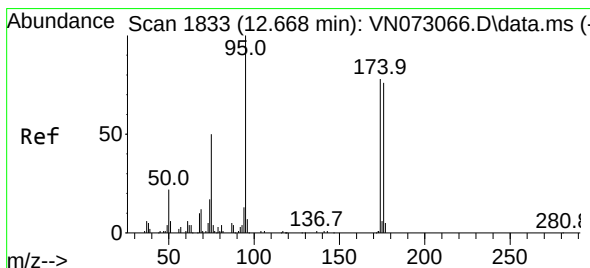
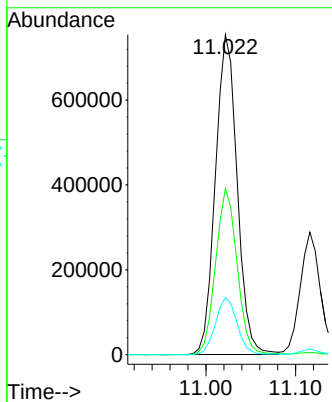
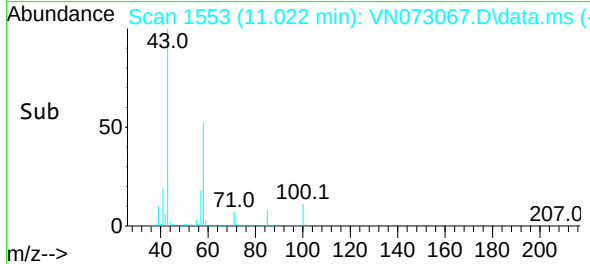
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



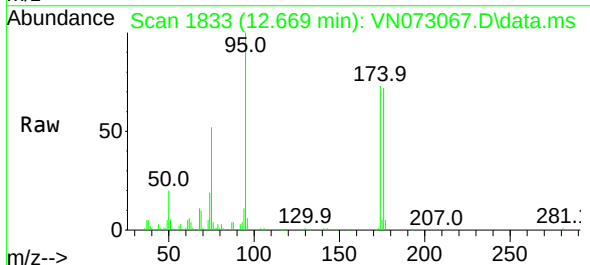
Tgt Ion: 43 Resp: 1270334
Ion Ratio Lower Upper
43 100
58 51.3 42.2 63.2
57 17.8 15.0 22.4

Manual Integrations
APPROVED

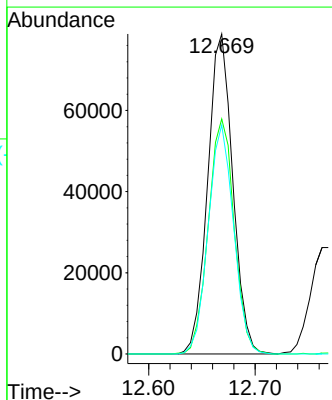
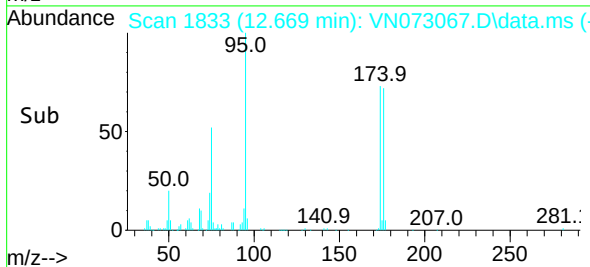
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

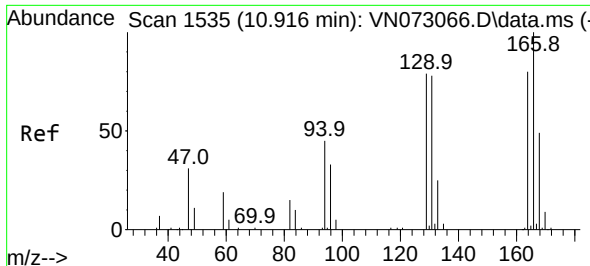


#60
4-Bromofluorobenzene
Concen: 28.615 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46



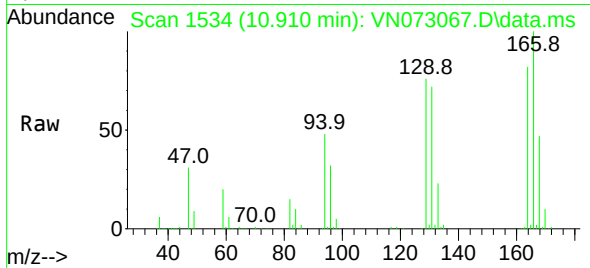
Tgt Ion: 95 Resp: 129003
Ion Ratio Lower Upper
95 100
174 75.6 62.9 94.3
176 72.2 61.0 91.4





#61
Tetrachloroethene
Concen: 53.998 ug/l
RT: 10.910 min Scan# 1535
Delta R.T. -0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

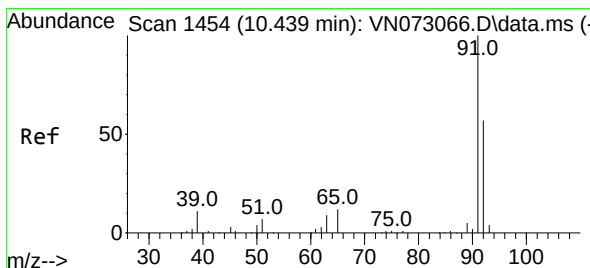
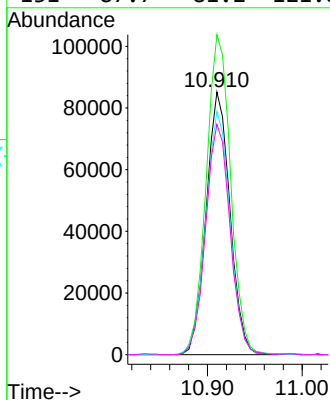
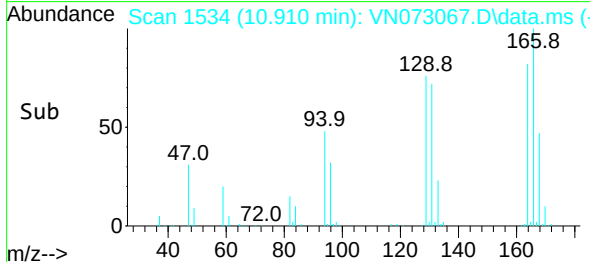
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



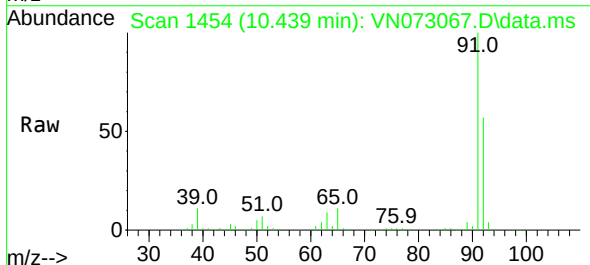
Tgt Ion:164 Resp: 14929
Ion Ratio Lower Upper
164 100
166 121.5 105.8 158.8
129 92.4 82.5 123.7
131 87.7 81.2 121.8

Manual Integrations
APPROVED

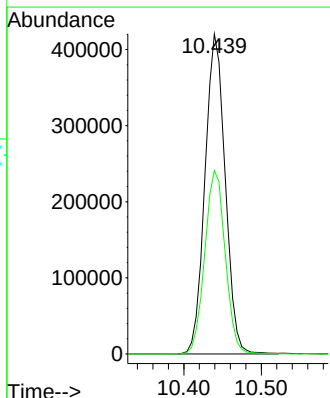
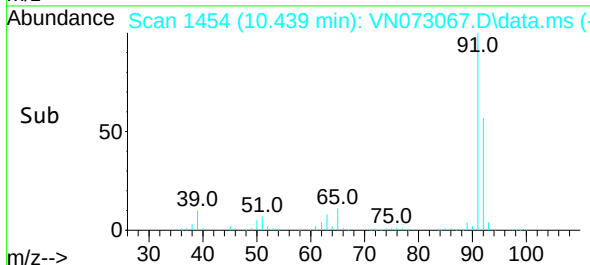
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

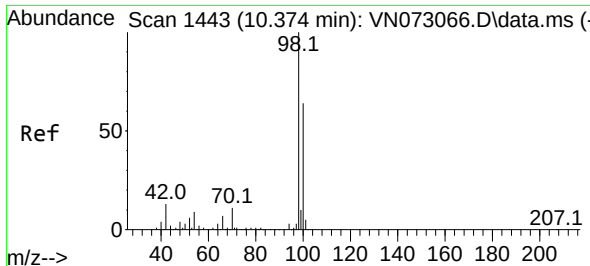


#62
Toluene
Concen: 50.544 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46



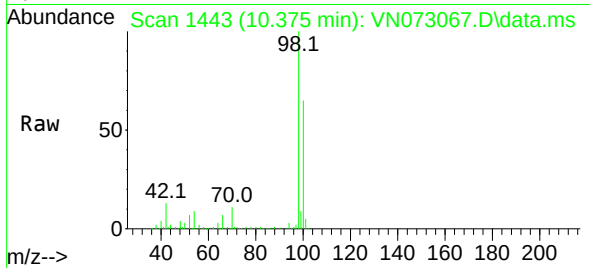
Tgt Ion: 91 Resp: 762117
Ion Ratio Lower Upper
91 100
92 58.0 44.6 67.0





#63
Toluene-d8
Concen: 29.682 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

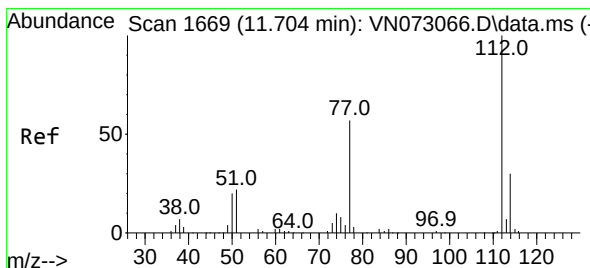
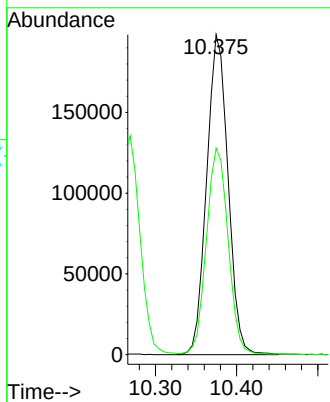
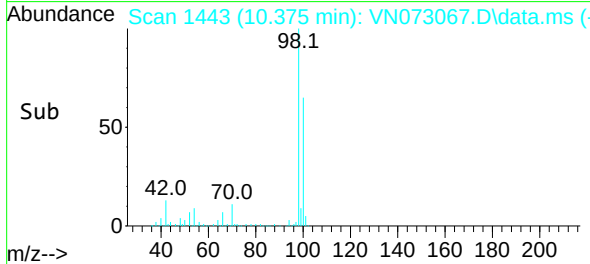
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 98 Resp: 36270
Ion Ratio Lower Upper
98 100
100 65.7 50.6 76.0

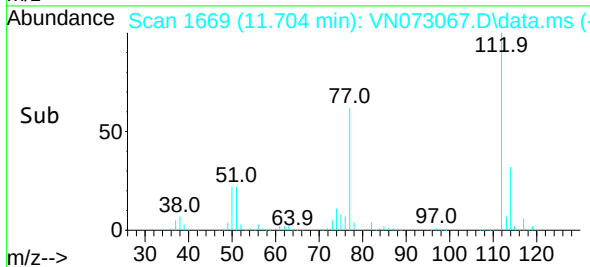
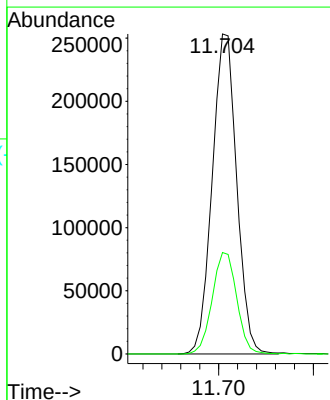
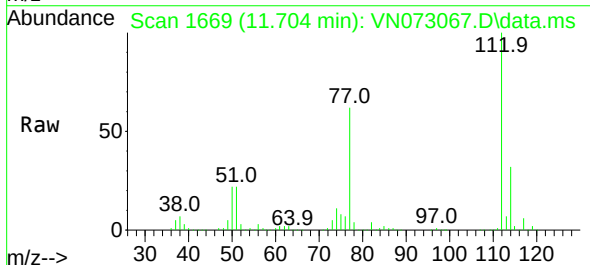
Manual Integrations
APPROVED

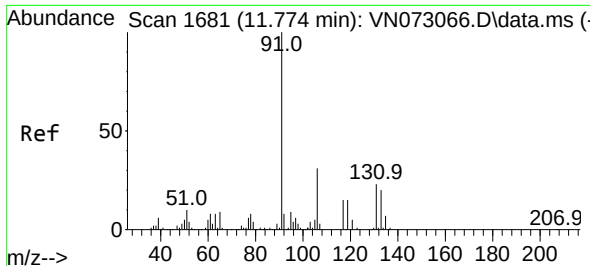
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#64
Chlorobenzene
Concen: 49.768 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

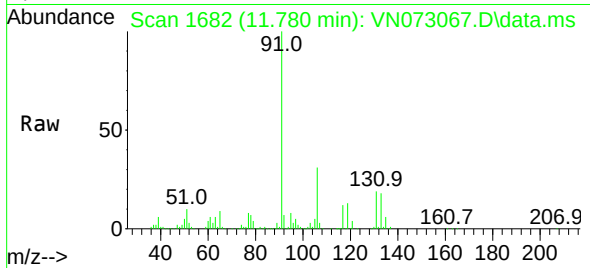
Tgt Ion:112 Resp: 455070
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 49.158 ug/l
RT: 11.780 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

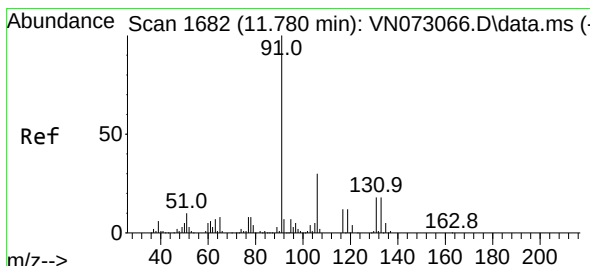
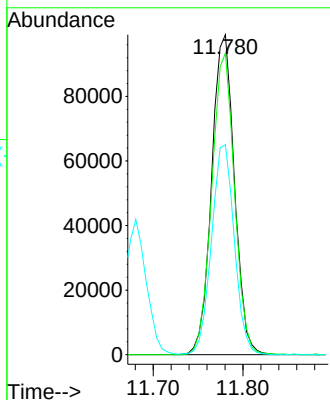
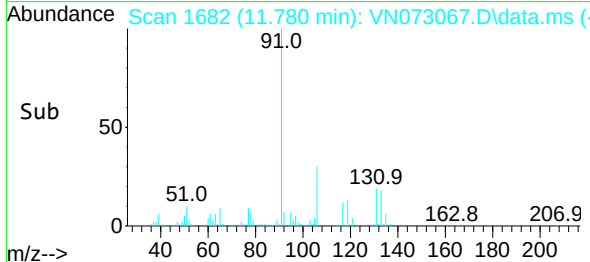
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:131 Resp: 174295
Ion Ratio Lower Upper
131 100
133 94.2 0.0 191.2
119 65.9 0.0 128.8

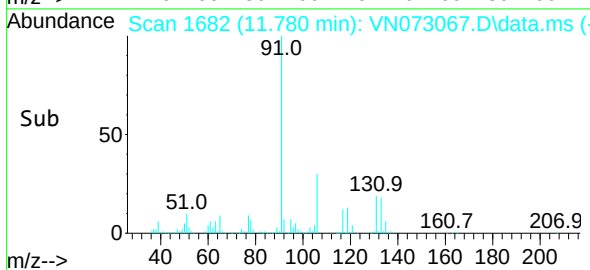
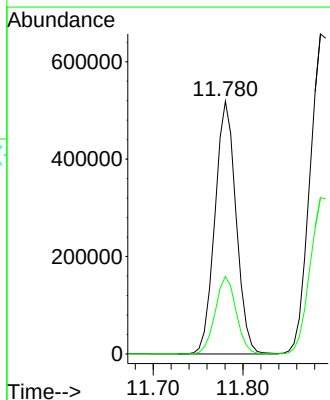
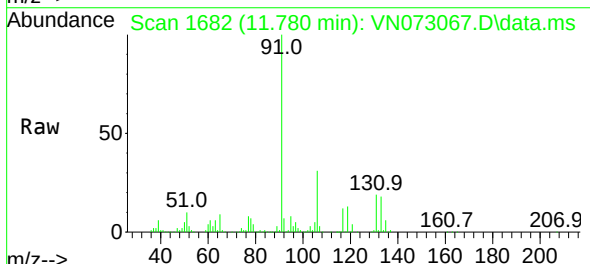
Manual Integrations
APPROVED

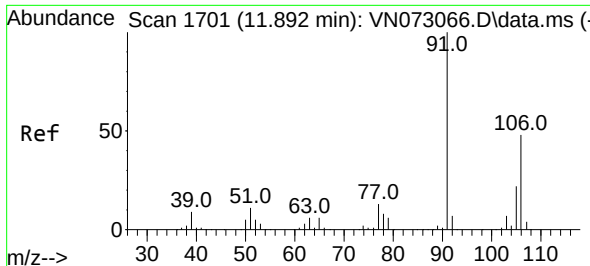
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#66
Ethyl Benzene
Concen: 49.677 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

Tgt Ion: 91 Resp: 849207
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0





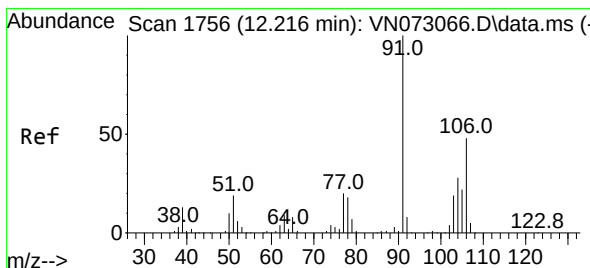
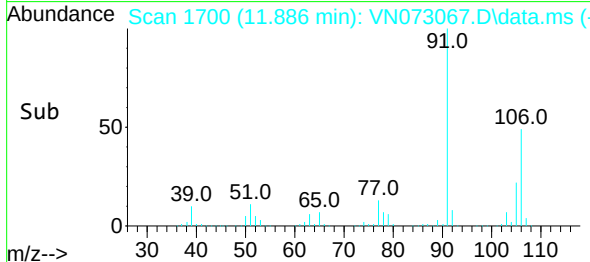
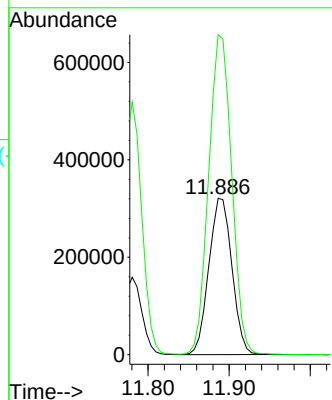
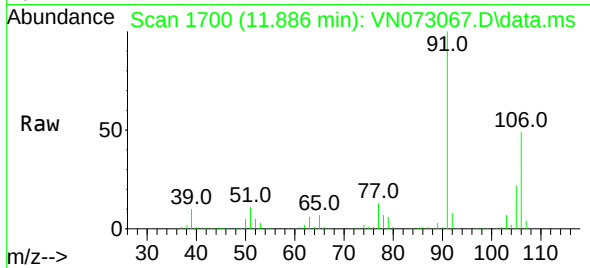
#67
m/p-Xylenes
Concen: 100.838 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:106 Resp: 634680
Ion Ratio Lower Upper
106 100
91 204.4 162.9 244.3

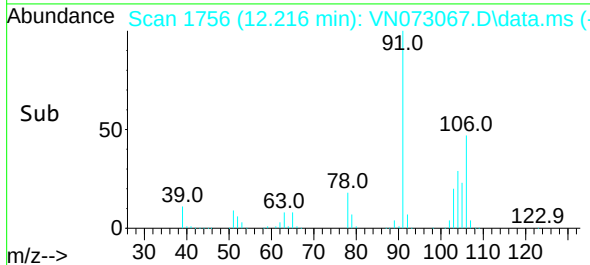
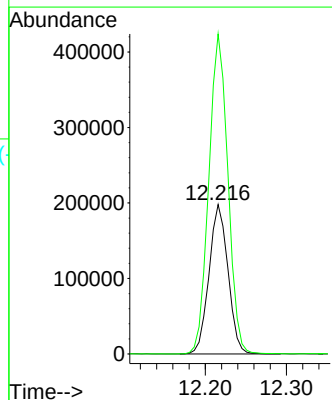
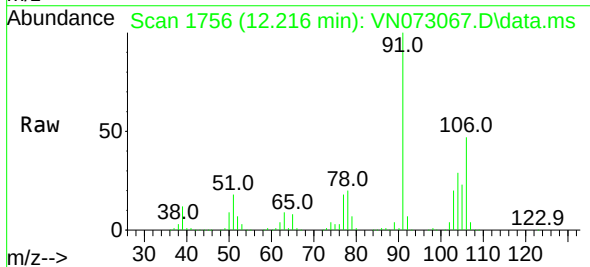
Manual Integrations
APPROVED

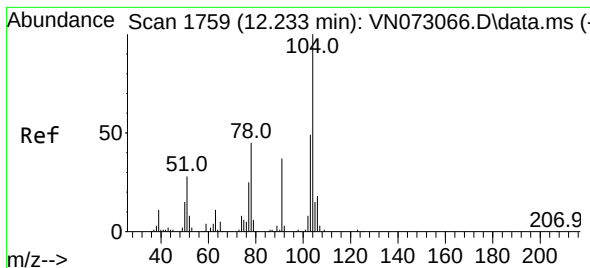
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#68
o-Xylene
Concen: 50.208 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

Tgt Ion:106 Resp: 321054
Ion Ratio Lower Upper
106 100
91 215.7 107.7 323.1





#69

Styrene

Concen: 50.908 ug/l

RT: 12.227 min Scan# 1758

Delta R.T. -0.006 min

Lab File: VN073067.D

Acq: 24 Jun 2022 00:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:104 Resp: 52142

Ion Ratio Lower Upper

104 100

78 51.3 40.7 61.1

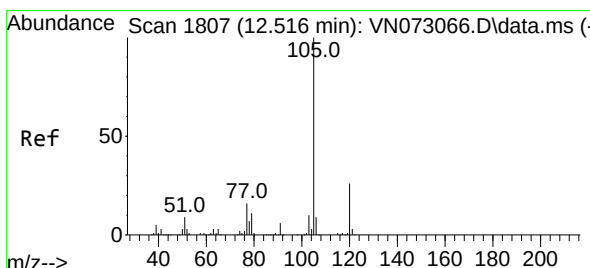
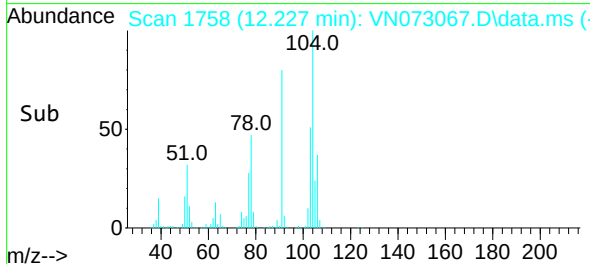
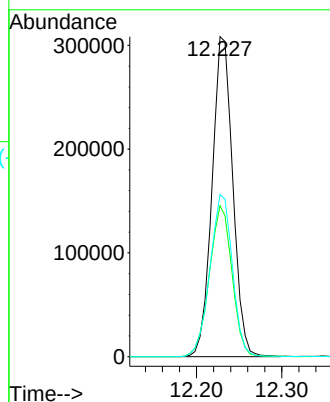
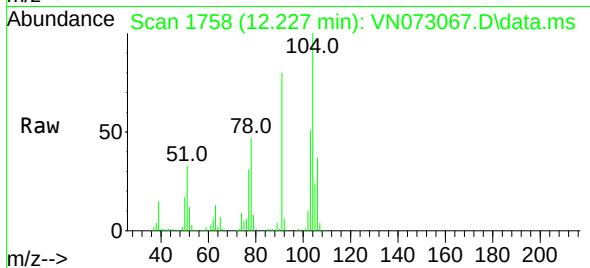
103 54.9 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#70

Isopropylbenzene

Concen: 49.243 ug/l

RT: 12.516 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN073067.D

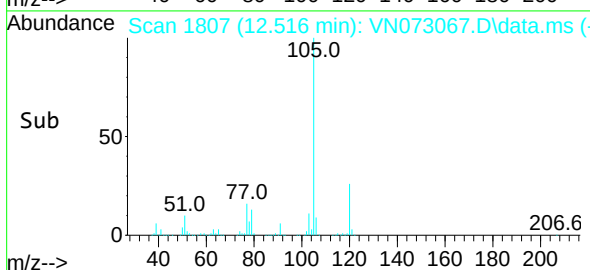
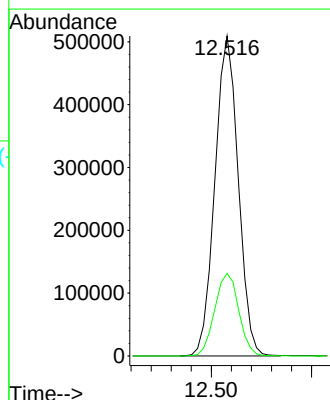
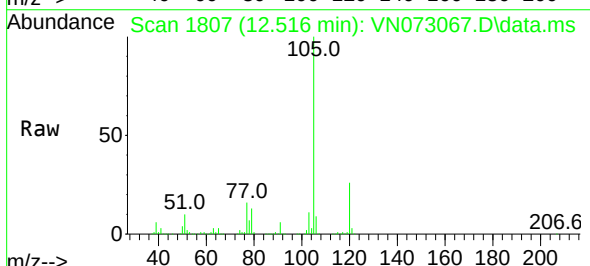
Acq: 24 Jun 2022 00:46

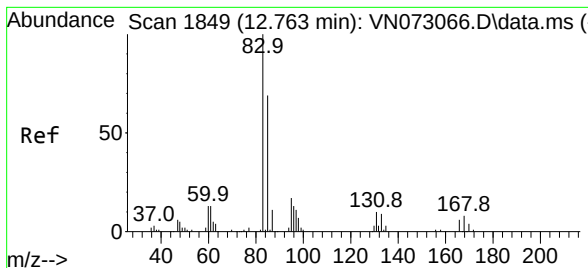
Tgt Ion:105 Resp: 820750

Ion Ratio Lower Upper

105 100

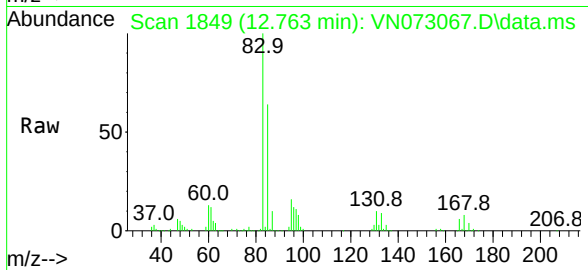
120 26.5 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 48.580 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

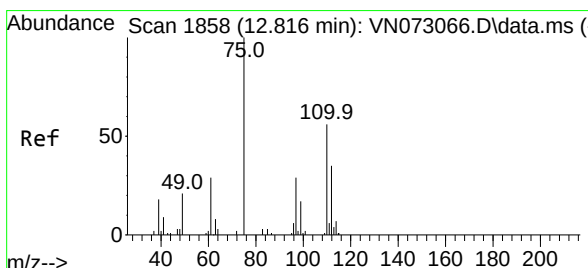
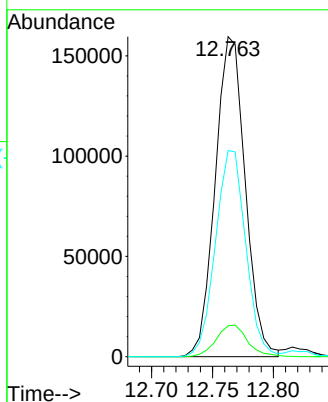
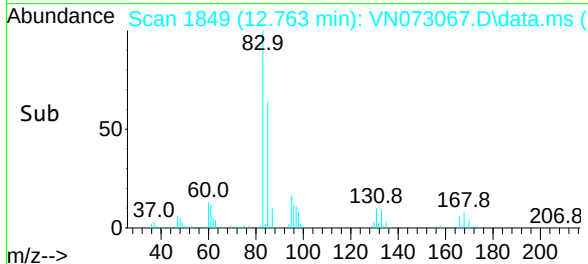
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 27420
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 64.8 33.1 99.2

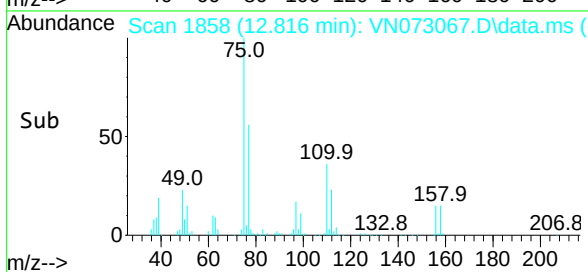
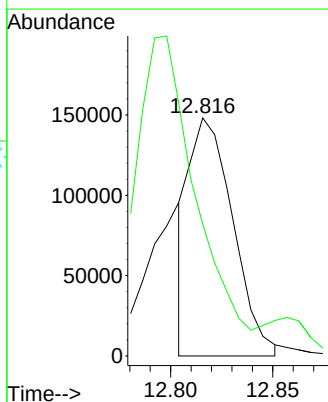
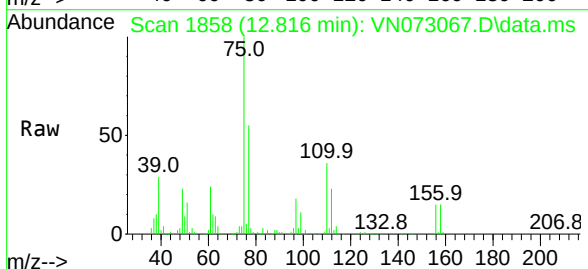
Manual Integrations
APPROVED

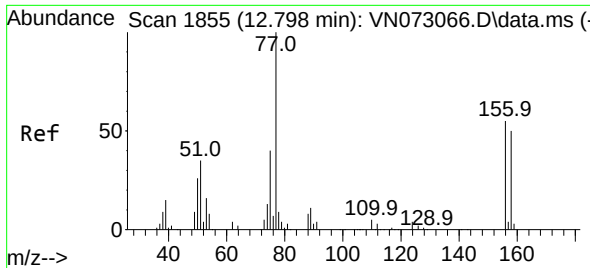
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#72
1,2,3-Trichloropropane
Concen: 46.676 ug/l m
RT: 12.816 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

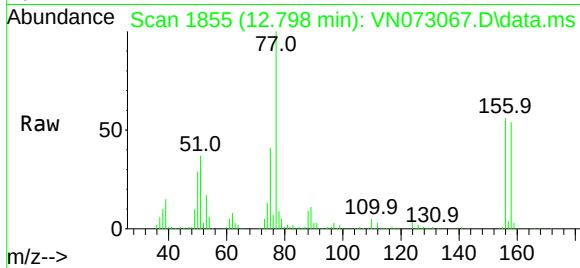
Tgt Ion: 75 Resp: 220939
Ion Ratio Lower Upper
75 100
77 188.8 0.0 378.0





#73
Bromobenzene
Concen: 55.016 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

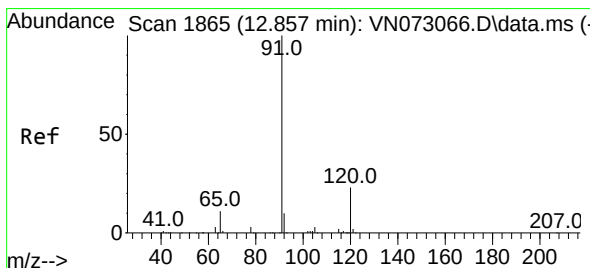
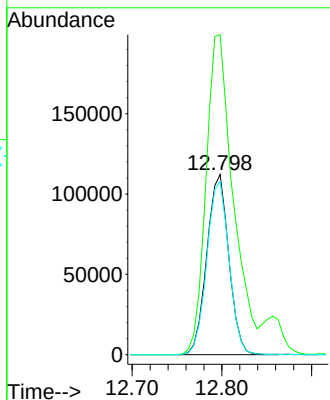
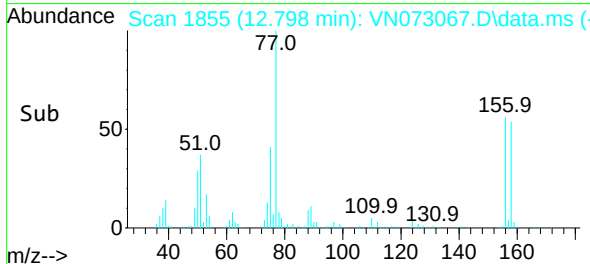
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



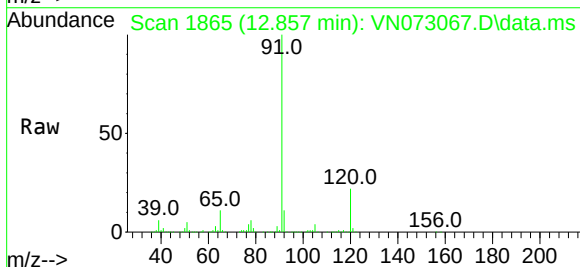
Tgt Ion:156 Resp: 19110
Ion Ratio Lower Upper
156 100
77 218.3 0.0 416.0
158 97.0 0.0 195.4

Manual Integrations
APPROVED

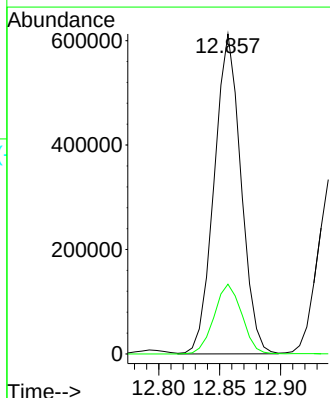
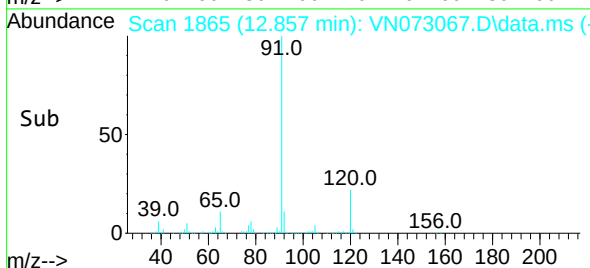
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

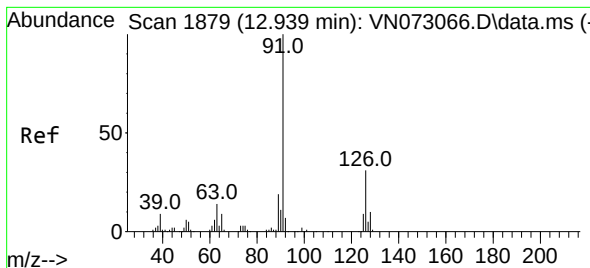


#74
n-propylbenzene
Concen: 49.202 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46



Tgt Ion: 91 Resp: 937695
Ion Ratio Lower Upper
91 100
120 22.5 0.0 45.0





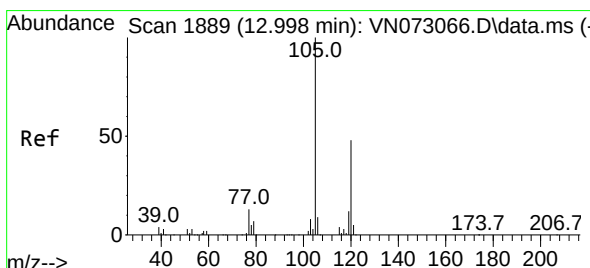
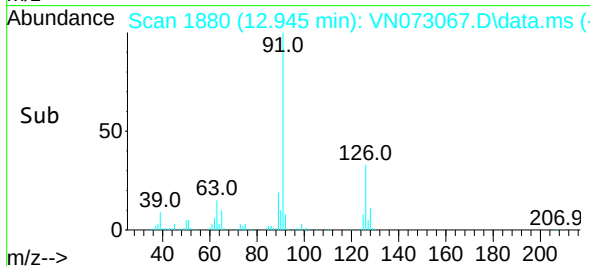
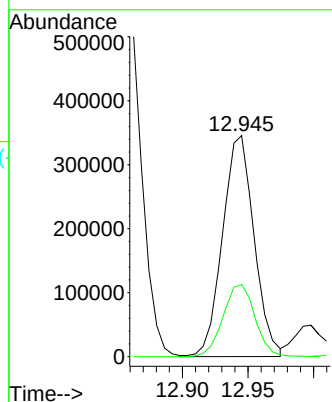
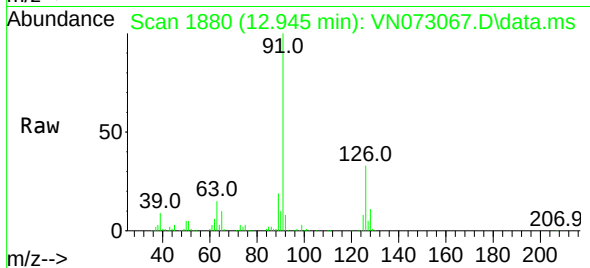
#75
2-Chlorotoluene
Concen: 48.677 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 577449
Ion Ratio Lower Upper
91 100
126 33.1 0.0 69.8

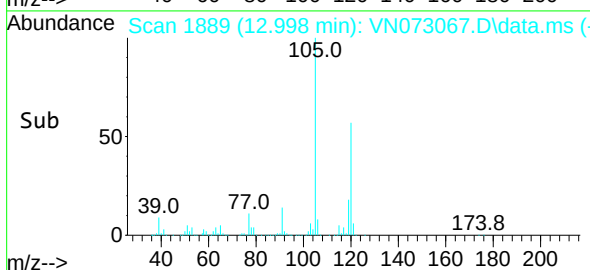
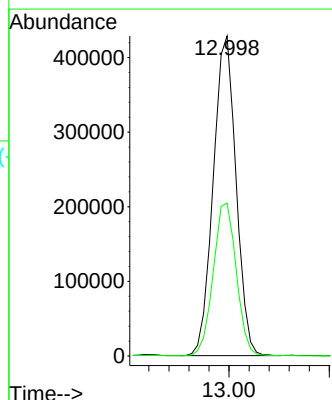
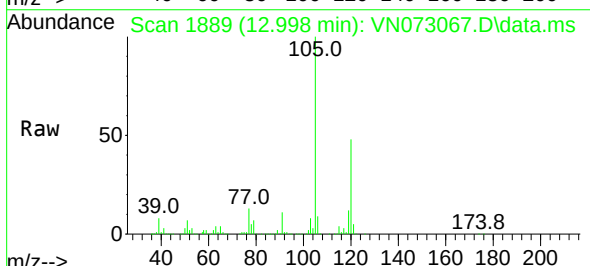
Manual Integrations
APPROVED

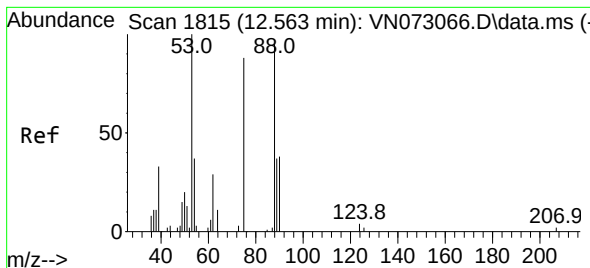
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#76
1,3,5-Trimethylbenzene
Concen: 49.297 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

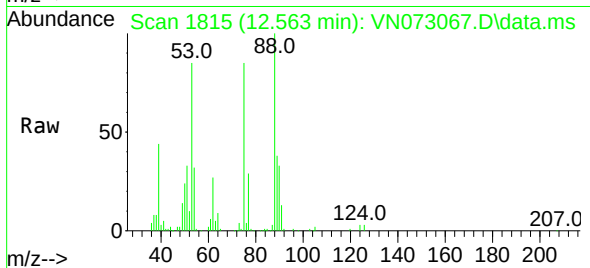
Tgt Ion:105 Resp: 676142
Ion Ratio Lower Upper
105 100
120 48.5 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 36.139 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

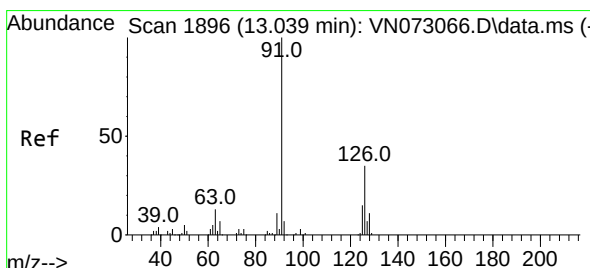
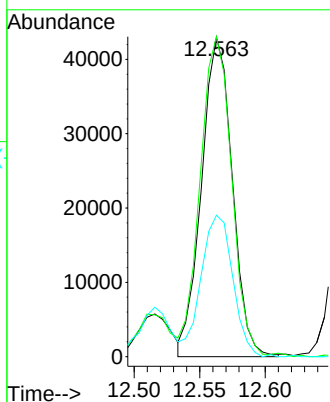
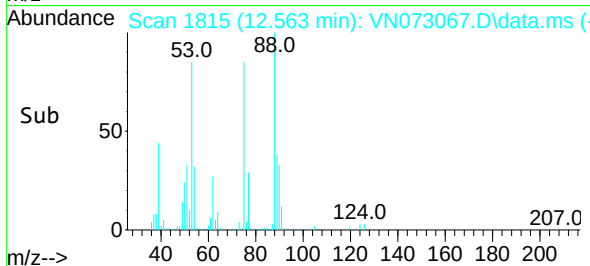
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 75 Resp: 7012
Ion Ratio Lower Upper
75 100
53 99.8 51.8 155.5
89 44.6 22.9 68.7

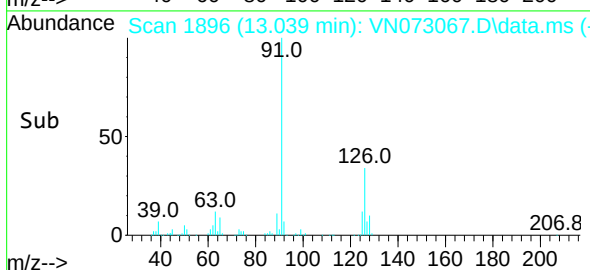
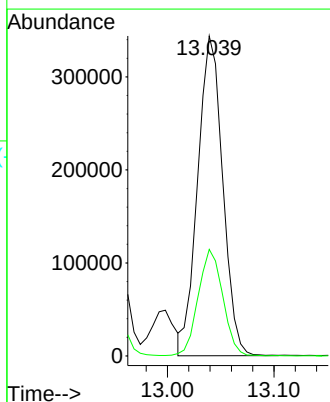
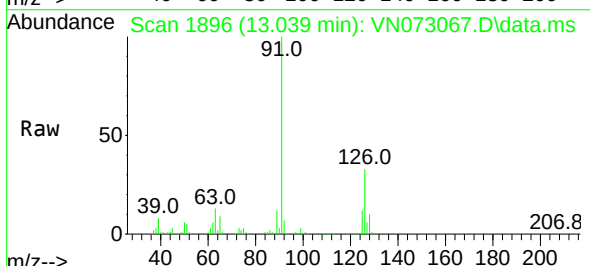
Manual Integrations
APPROVED

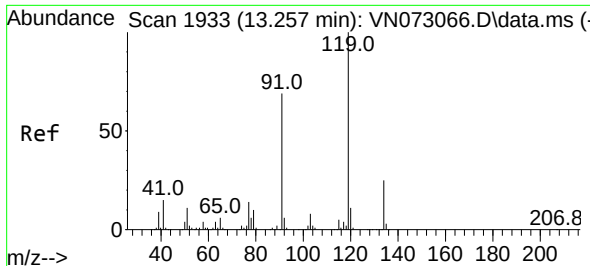
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#78
4-Chlorotoluene
Concen: 50.026 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

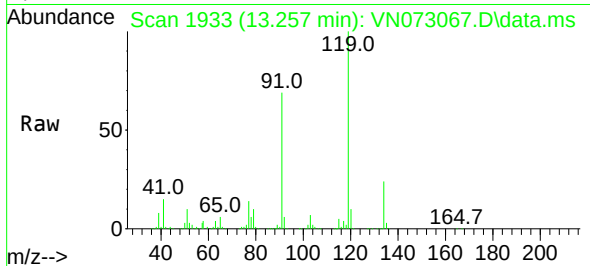
Tgt Ion: 91 Resp: 561276
Ion Ratio Lower Upper
91 100
126 32.9 0.0 70.6





#79
tert-butylbenzene
Concen: 50.486 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

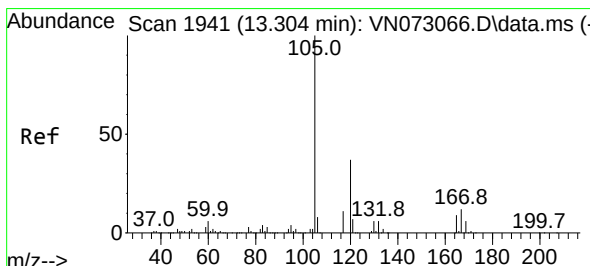
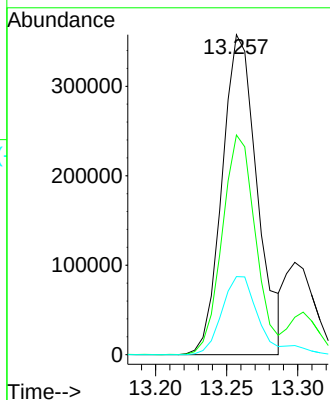
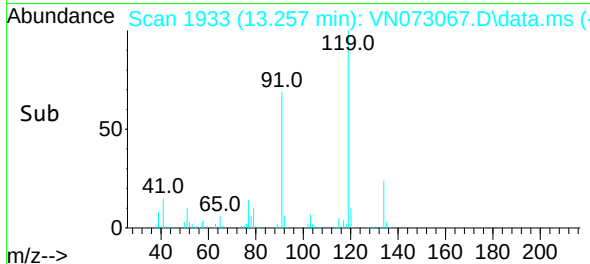
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



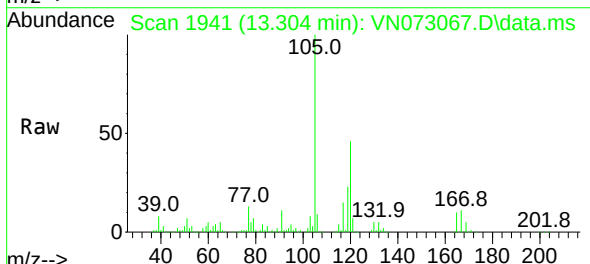
Tgt Ion:119 Resp: 61620
Ion Ratio Lower Upper
119 100
91 65.1 0.0 137.0
134 24.2 0.0 47.6

Manual Integrations
APPROVED

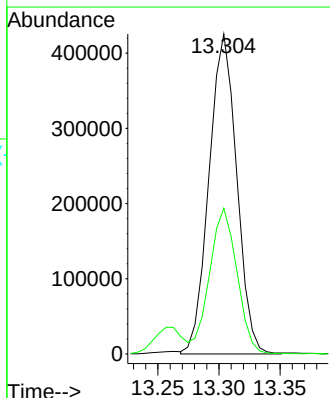
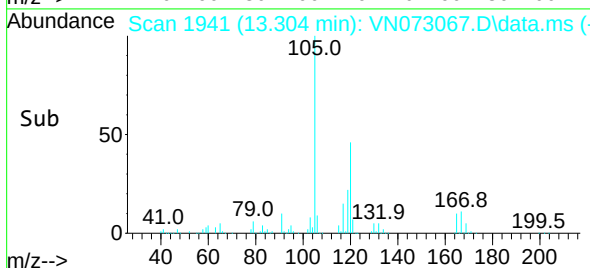
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

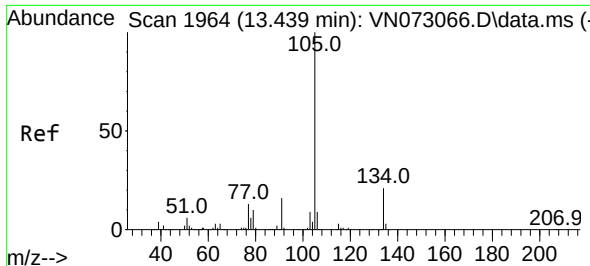


#80
1,2,4-Trimethylbenzene
Concen: 41.861 ug/l m
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46



Tgt Ion:105 Resp: 671779
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





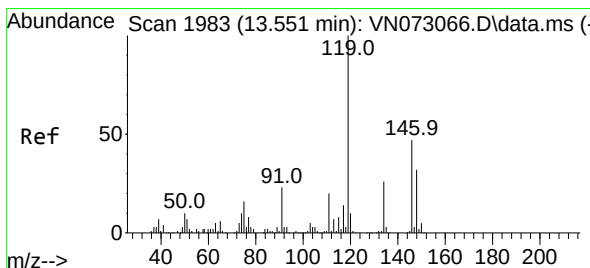
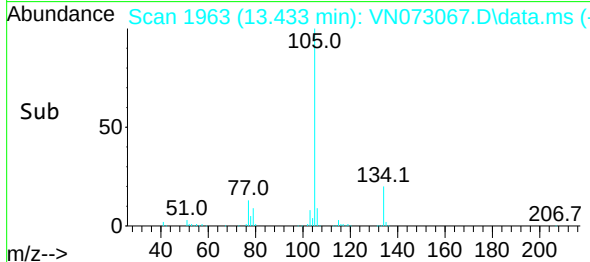
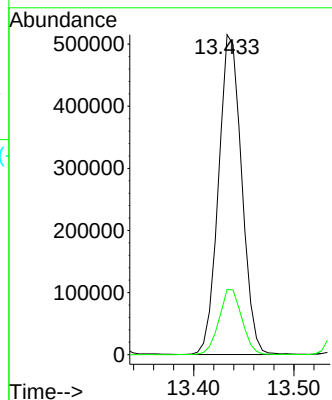
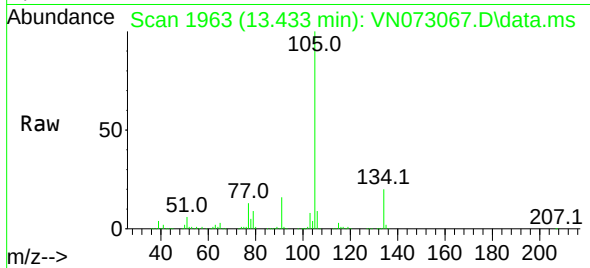
#81
 sec-Butylbenzene
 Concen: 49.844 ug/l
 RT: 13.433 min Scan# 1963
 Delta R.T. -0.006 min
 Lab File: VN073067.D
 Acq: 24 Jun 2022 00:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:105 Resp: 824830
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 39.4

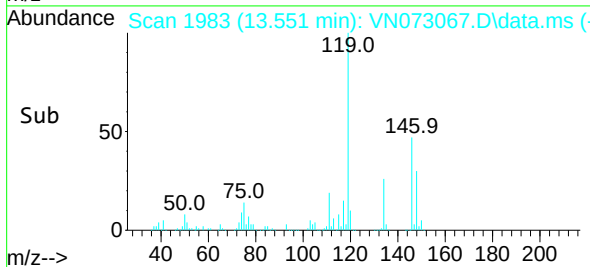
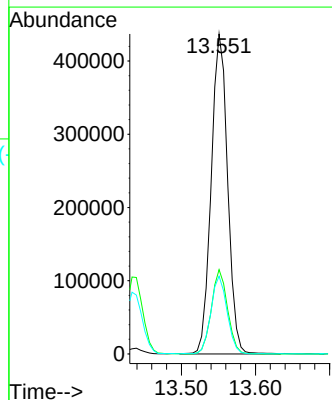
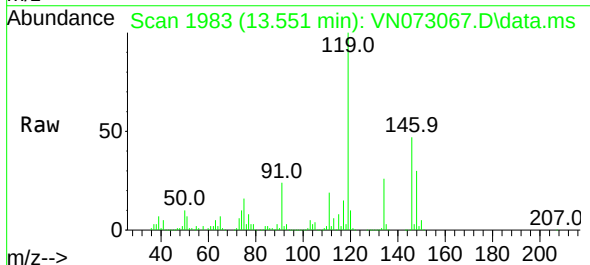
Manual Integrations
 APPROVED

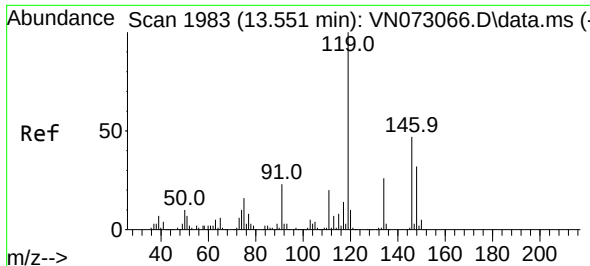
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#82
 p-Isopropyltoluene
 Concen: 50.520 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN073067.D
 Acq: 24 Jun 2022 00:46

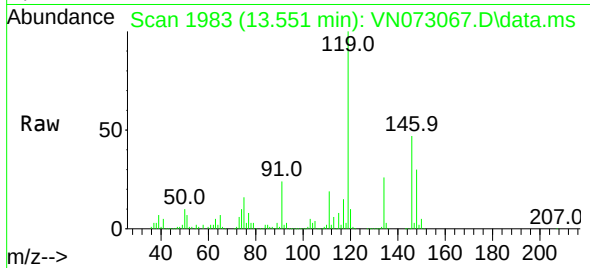
Tgt Ion:119 Resp: 672387
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 24.0 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 55.099 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

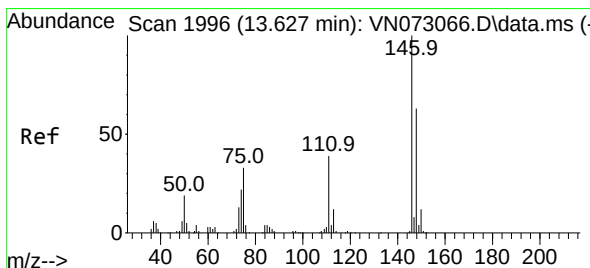
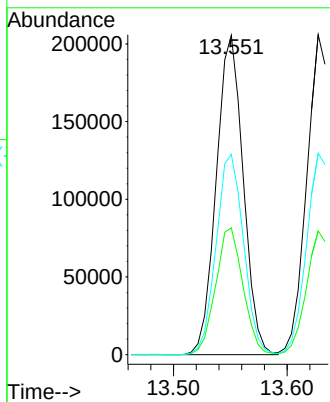
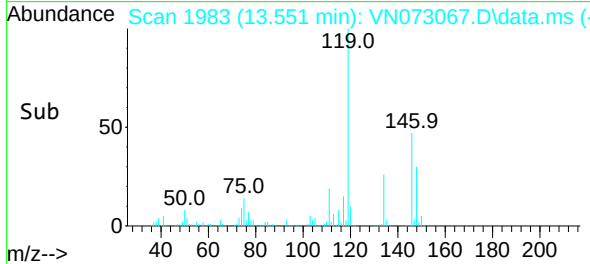
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:146 Resp: 338974
Ion Ratio Lower Upper
146 100
111 40.4 20.8 62.2
148 64.0 31.4 94.3

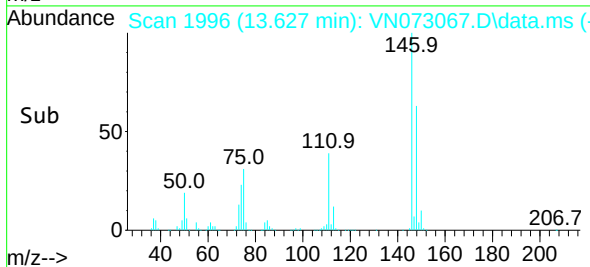
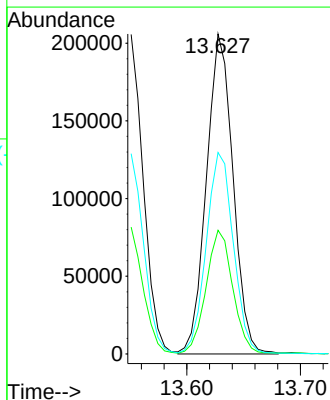
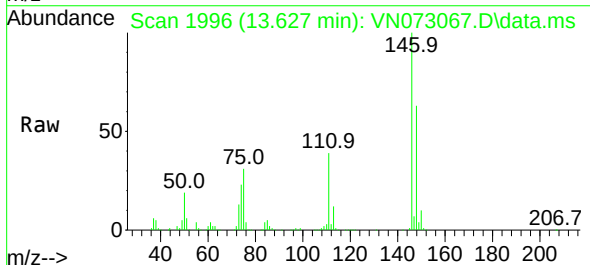
Manual Integrations
APPROVED

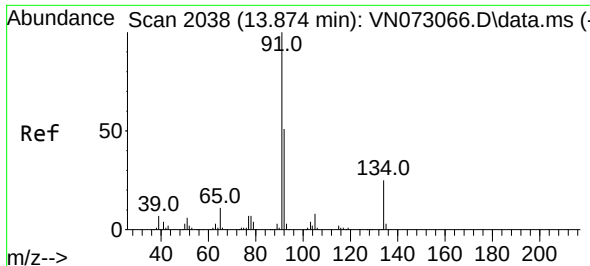
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#84
1,4-Dichlorobenzene
Concen: 55.983 ug/l
RT: 13.627 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

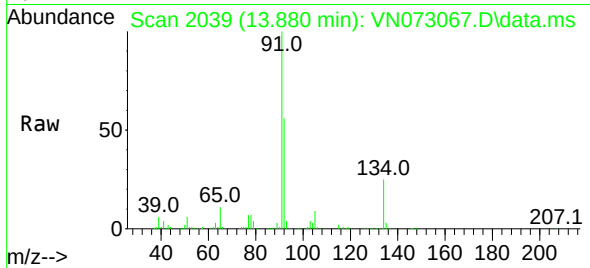
Tgt Ion:146 Resp: 335340
Ion Ratio Lower Upper
146 100
111 38.8 19.5 58.5
148 64.5 31.1 93.5





#85
n-Butylbenzene
Concen: 48.579 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

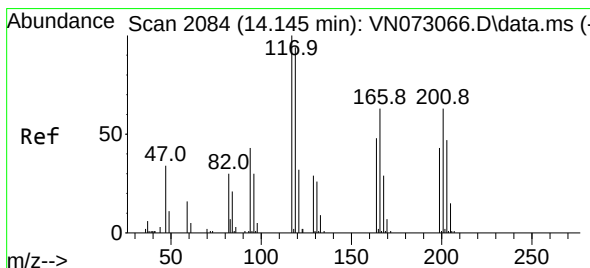
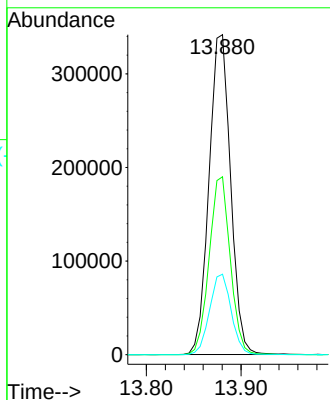
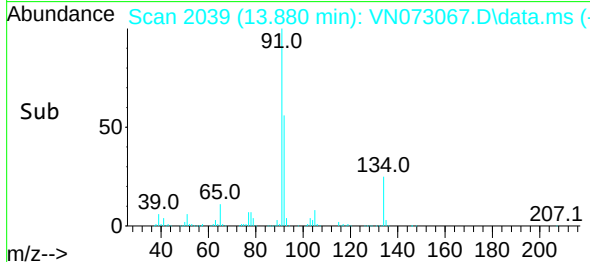
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 91 Resp: 539870
Ion Ratio Lower Upper
91 100
92 54.6 0.0 100.6
134 25.3 0.0 50.2

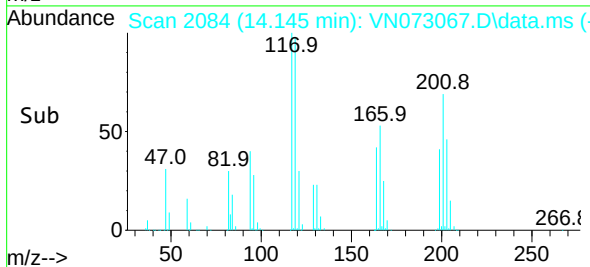
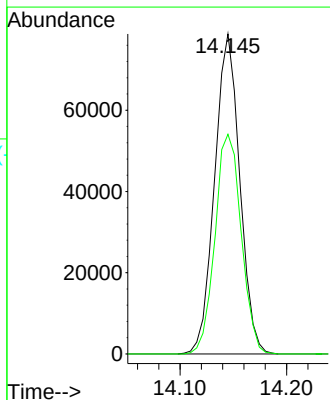
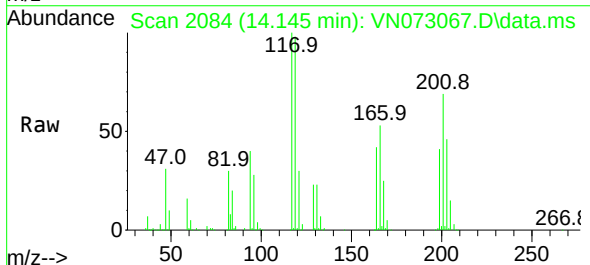
Manual Integrations
APPROVED

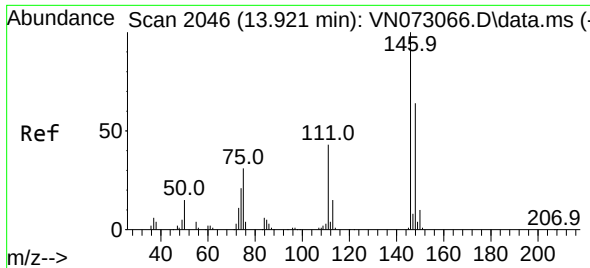
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#86
Hexachloroethane
Concen: 45.559 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

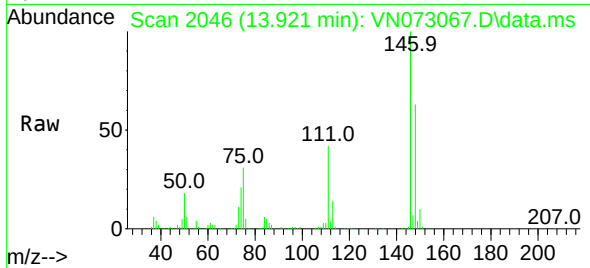
Tgt Ion:117 Resp: 129159
Ion Ratio Lower Upper
117 100
201 71.5 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 57.687 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

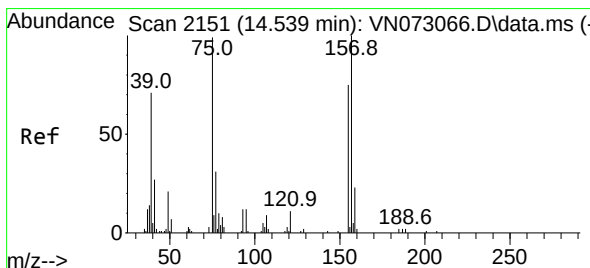
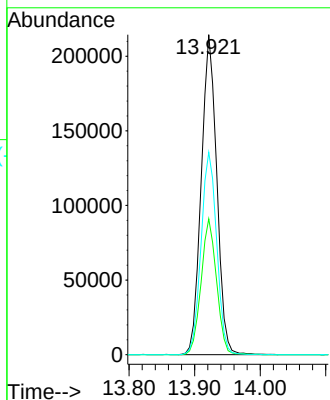
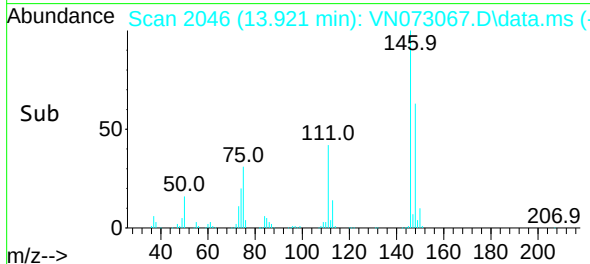
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:146 Resp: 35406
Ion Ratio Lower Upper
146 100
111 41.9 21.4 64.2
148 63.7 32.5 97.4

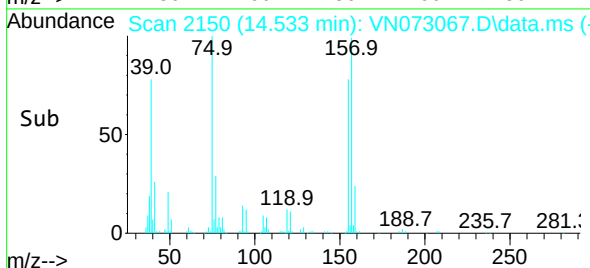
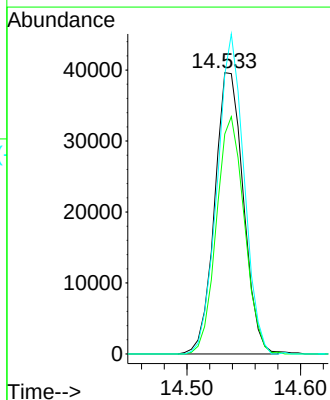
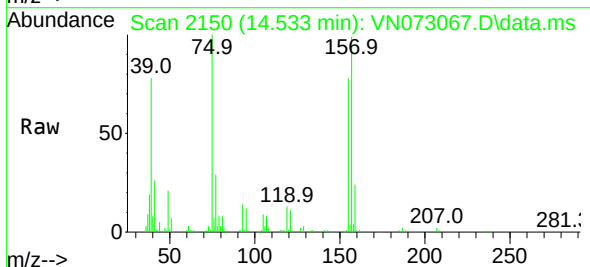
Manual Integrations
APPROVED

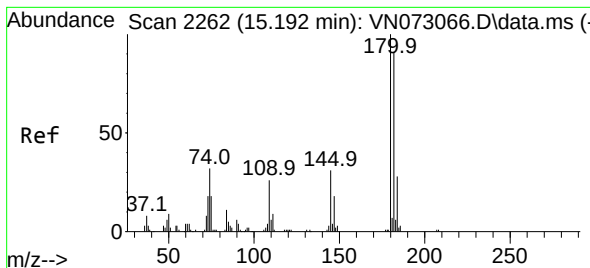
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 48.967 ug/l
RT: 14.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

Tgt Ion: 75 Resp: 69553
Ion Ratio Lower Upper
75 100
155 82.0 63.8 95.8
157 106.0 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 60.907 ug/l

RT: 15.192 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN073067.D

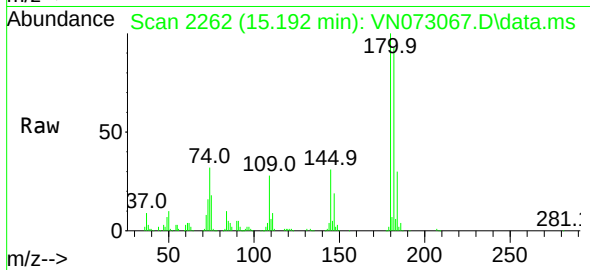
Acq: 24 Jun 2022 00:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



Tgt Ion:180 Resp: 18884

Ion Ratio Lower Upper

180 100

182 91.5 77.7 116.5

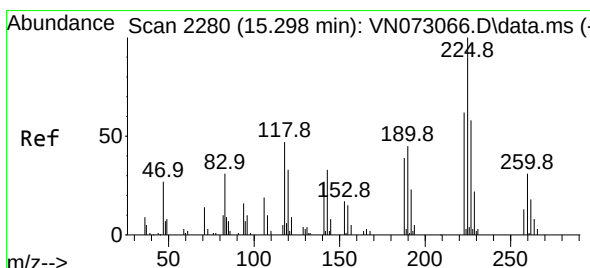
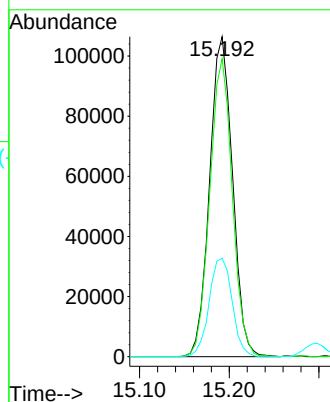
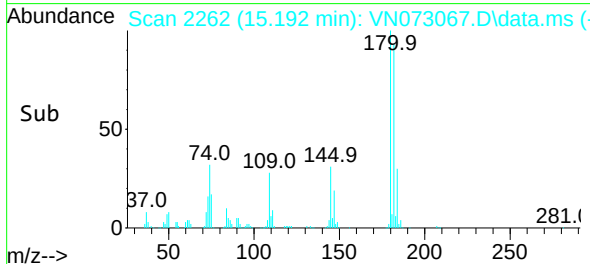
145 30.9 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#90

Hexachlorobutadiene

Concen: 53.545 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN073067.D

Acq: 24 Jun 2022 00:46

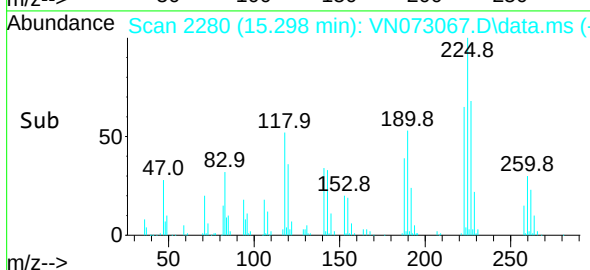
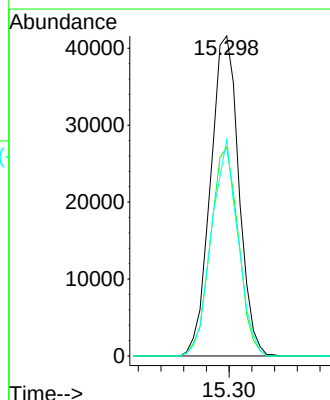
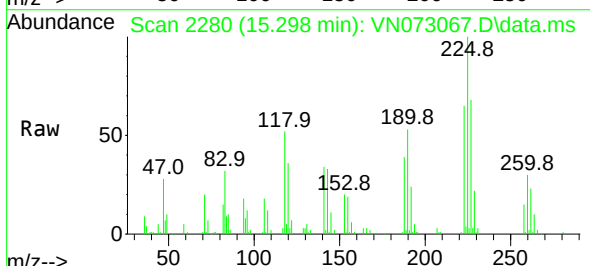
Tgt Ion:225 Resp: 72126

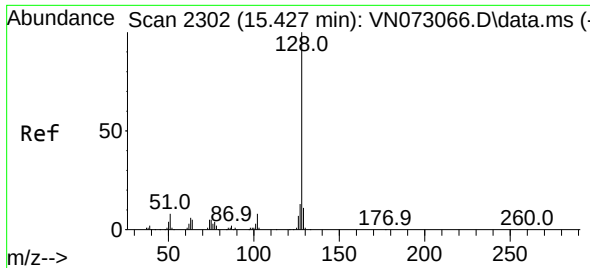
Ion Ratio Lower Upper

225 100

223 64.1 0.0 126.8

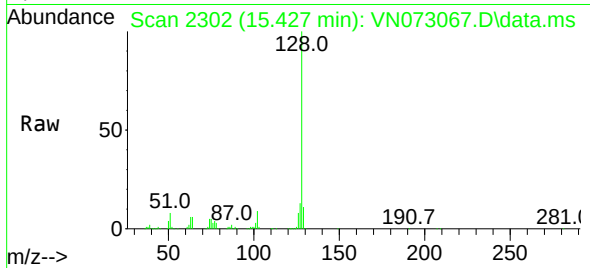
227 63.4 0.0 123.0





#91
Naphthalene
Concen: 58.431 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46

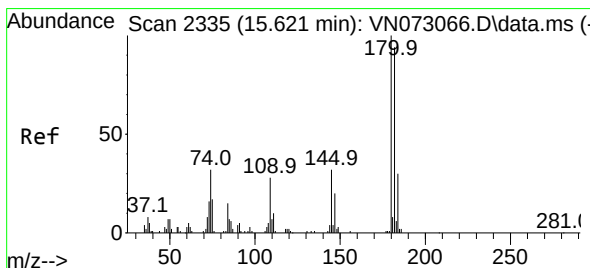
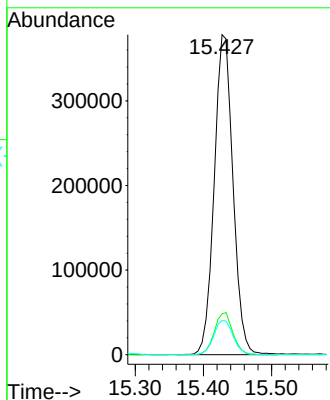
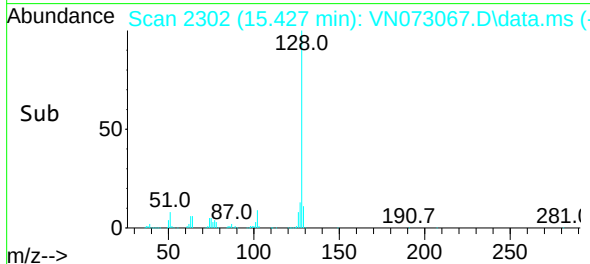
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



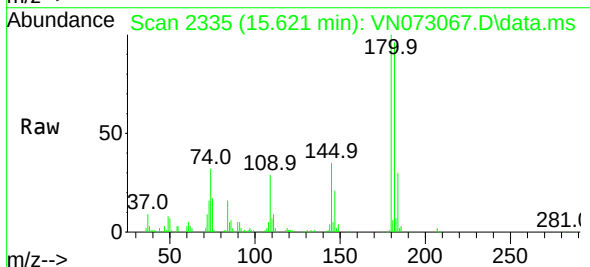
Tgt Ion:128 Resp: 725434
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.1 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 59.784 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN073067.D
Acq: 24 Jun 2022 00:46



Tgt Ion:180 Resp: 189651
Ion Ratio Lower Upper
180 100
182 93.8 0.0 190.0
145 33.9 0.0 67.8

