

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074403.D
 Acq On : 12 Sep 2022 10:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 13 05:39:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	313290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	541797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	505289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	267756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	250169	46.153	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.300%		
35) Dibromofluoromethane	7.951	113	186124	50.886	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.780%		
50) Toluene-d8	10.380	98	690576	48.455	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.900%		
62) 4-Bromofluorobenzene	12.674	95	264445	51.107	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	171314	42.195	ug/l	99
3) Chloromethane	2.263	50	230016	47.217	ug/l	99
4) Vinyl Chloride	2.404	62	328767	48.470	ug/l	97
5) Bromomethane	2.781	94	257734	54.376	ug/l	96
6) Chloroethane	2.946	64	227720	54.656	ug/l	97
7) Trichlorofluoromethane	3.304	101	299966	44.788	ug/l	94
8) Diethyl Ether	3.763	74	125541	44.423	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.134	101	182028	45.355	ug/l	99
10) Methyl Iodide	4.340	142	223621	48.199	ug/l	99
11) Tert butyl alcohol	5.287	59	307599	216.959	ug/l	100
12) 1,1-Dichloroethene	4.110	96	167659	42.930	ug/l	94
13) Acrolein	3.975	56	218513	232.025	ug/l	98
14) Allyl chloride	4.757	41	371694	43.389	ug/l	99
15) Acrylonitrile	5.469	53	742399	228.878	ug/l	99
16) Acetone	4.216	43	632672	216.201	ug/l	99
17) Carbon Disulfide	4.451	76	477284	44.967	ug/l	98
18) Methyl Acetate	4.769	43	376471	43.641	ug/l	97
19) Methyl tert-butyl Ether	5.522	73	713724	45.406	ug/l	99
20) Methylene Chloride	5.004	84	208958	48.626	ug/l	96
21) trans-1,2-Dichloroethene	5.504	96	190137	43.448	ug/l	97
22) Diisopropyl ether	6.404	45	803604	46.590	ug/l	96
23) Vinyl Acetate	6.345	43	3721665	241.773	ug/l	98
24) 1,1-Dichloroethane	6.298	63	404094	45.595	ug/l	96
25) 2-Butanone	7.251	43	1127619	229.555	ug/l	99
26) 2,2-Dichloropropane	7.245	77	355011	44.278	ug/l	99
27) cis-1,2-Dichloroethene	7.239	96	238236	44.187	ug/l	98
28) Bromochloromethane	7.586	49	136817	51.523	ug/l	100
29) Tetrahydrofuran	7.604	42	753095	231.924	ug/l	99
30) Chloroform	7.745	83	419533	47.423	ug/l	97
31) Cyclohexane	8.022	56	381628	44.269	ug/l	96
32) 1,1,1-Trichloroethane	7.939	97	364327	45.907	ug/l	97
36) 1,1-Dichloropropene	8.145	75	305326	50.670	ug/l	99
37) Ethyl Acetate	7.334	43	450626	51.553	ug/l	97
38) Carbon Tetrachloride	8.128	117	322959	51.915	ug/l	88
39) Methylcyclohexane	9.392	83	375550	49.174	ug/l	98
40) Benzene	8.392	78	935147	50.687	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	186033	42.891	ug/l #	73
42) 1,2-Dichloroethane	8.463	62	354843	50.310	ug/l	98
43) Isopropyl Acetate	8.492	43	713304	49.899	ug/l	98
44) Trichloroethene	9.151	130	211976	51.249	ug/l	97
45) 1,2-Dichloropropane	9.428	63	237288	48.450	ug/l	99
46) Dibromomethane	9.516	93	172414	51.415	ug/l	97
47) Bromodichloromethane	9.698	83	343995	51.465	ug/l	94
48) Methyl methacrylate	9.498	41	305538	48.498	ug/l	97
49) 1,4-Dioxane	9.504	88	126306	951.363	ug/l	93
51) 4-Methyl-2-Pentanone	10.269	43	2408091	257.590	ug/l	98
52) Toluene	10.445	92	593062	51.979	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	385572	52.290	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	394614	50.200	ug/l	95
55) 1,1,2-Trichloroethane	10.839	97	234093	49.774	ug/l	97
56) Ethyl methacrylate	10.704	69	418152	52.327	ug/l	98
57) 1,3-Dichloropropane	10.986	76	421721	51.300	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	936028	251.800	ug/l	100
59) 2-Hexanone	11.027	43	1862035	258.105	ug/l	99
60) Dibromochloromethane	11.180	129	263368	55.310	ug/l	99
61) 1,2-Dibromoethane	11.286	107	250170	51.704	ug/l	99
64) Tetrachloroethene	10.916	164	169493	49.481	ug/l	98
65) Chlorobenzene	11.710	112	608286	49.925	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	228829	48.080	ug/l	97
67) Ethyl Benzene	11.786	91	1172836	50.964	ug/l	99
68) m/p-Xylenes	11.892	106	891400	103.037	ug/l	99
69) o-Xylene	12.221	106	446270	51.318	ug/l	99
70) Styrene	12.239	104	754959	54.606	ug/l	99
71) Bromoform	12.398	173	199588	55.988	ug/l #	100
73) Isopropylbenzene	12.521	105	1187634	46.167	ug/l	99
74) N-amyl acetate	12.333	43	664540	50.785	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	423876	43.845	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	332999m	47.574	ug/l	
77) Bromobenzene	12.804	156	250105	45.288	ug/l	99
78) n-propylbenzene	12.863	91	1443421	48.978	ug/l	99
79) 2-Chlorotoluene	12.951	91	842190	46.872	ug/l	100
80) 1,3,5-Trimethylbenzene	13.004	105	1013792	47.501	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	149599	47.639	ug/l	96
82) 4-Chlorotoluene	13.045	91	851115	49.094	ug/l	100
83) tert-Butylbenzene	13.268	119	885414	46.080	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	1021968	48.311	ug/l	98
85) sec-Butylbenzene	13.445	105	1274729	48.750	ug/l	99
86) p-Isopropyltoluene	13.557	119	1054574	50.386	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	499866	48.956	ug/l	98
88) 1,4-Dichlorobenzene	13.639	146	501964	48.665	ug/l	99
89) n-Butylbenzene	13.886	91	935894	52.548	ug/l	99
90) Hexachloroethane	14.151	117	209605	47.405	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	505357	47.063	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	107633	49.309	ug/l	99
93) 1,2,4-Trichlorobenzene	15.198	180	263595	49.262	ug/l	99
94) Hexachlorobutadiene	15.304	225	113899	46.964	ug/l	99
95) Naphthalene	15.439	128	1007775	48.140	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	265168	47.888	ug/l	98

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

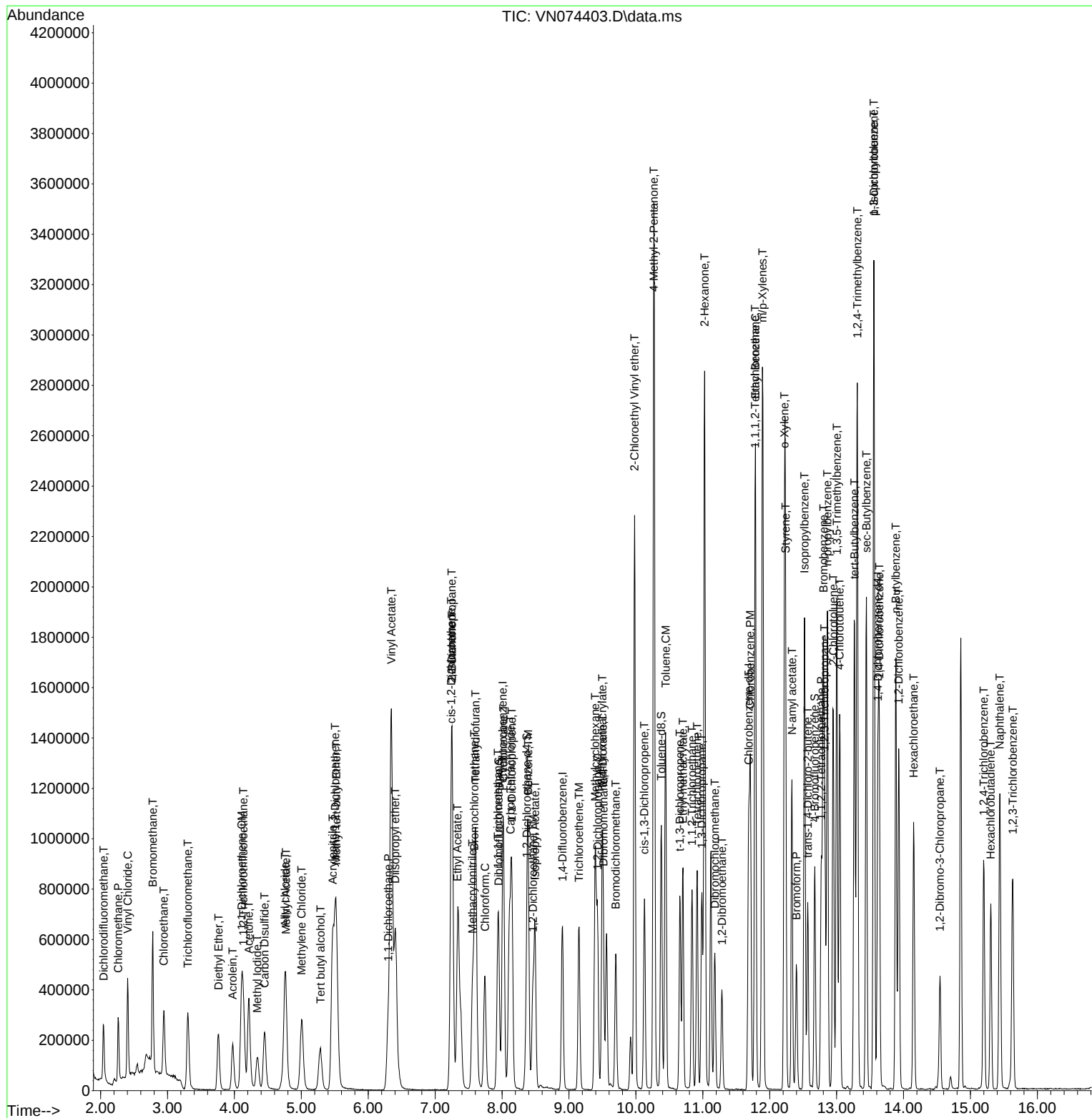
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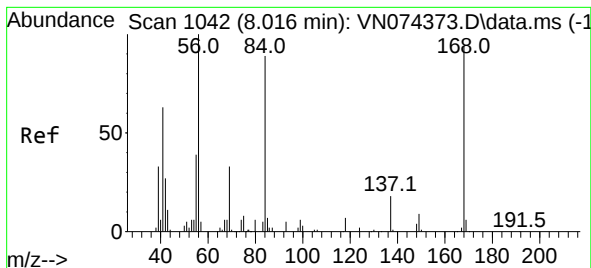
Instrument :
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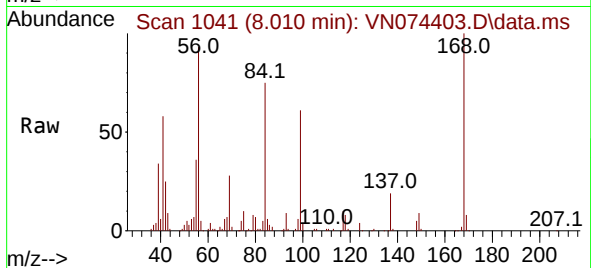
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

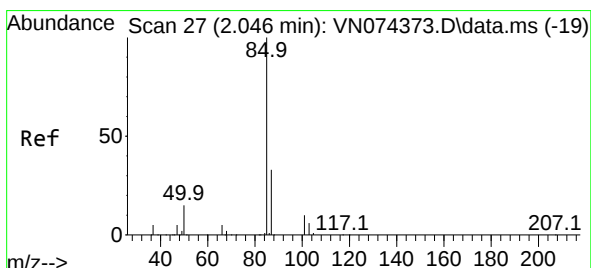
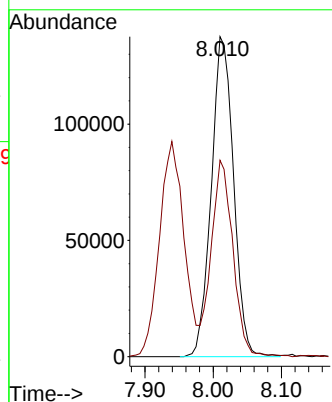
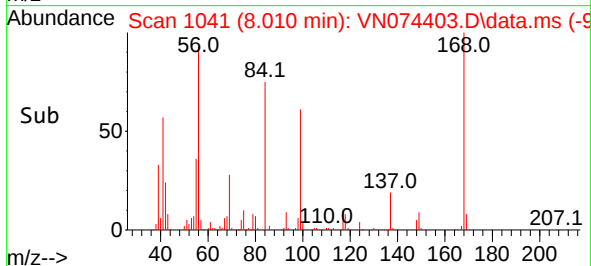
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 313290
Ion Ratio Lower Upper
168 100
99 60.9 52.8 79.2

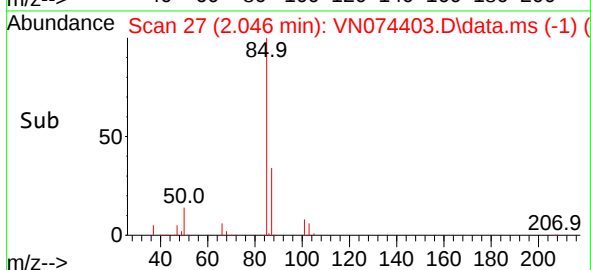
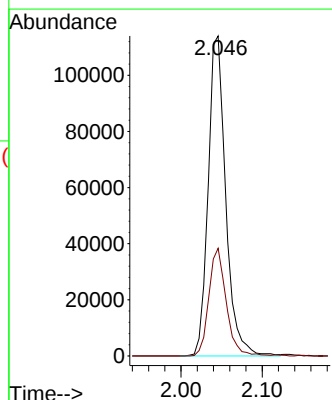
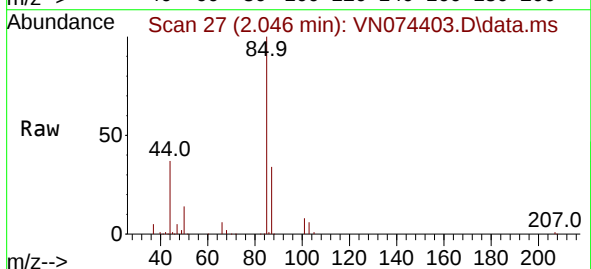
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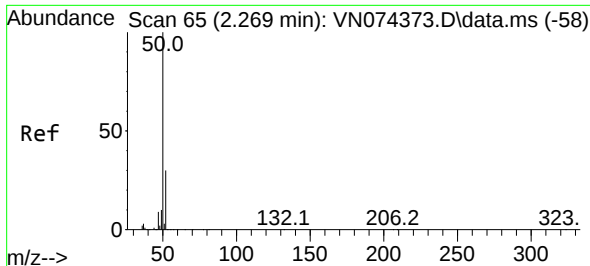
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#2
Dichlorodifluoromethane
Concen: 42.195 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

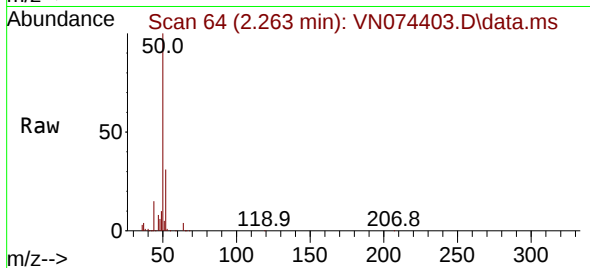
Tgt Ion: 85 Resp: 171314
Ion Ratio Lower Upper
85 100
87 33.6 16.4 49.2





#3
Chloromethane
Concen: 47.217 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

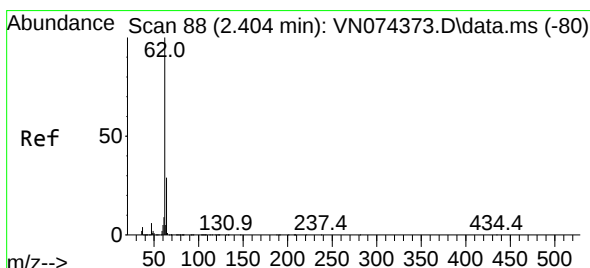
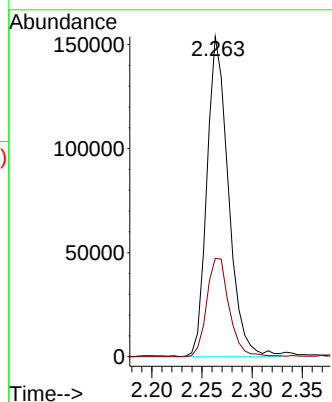
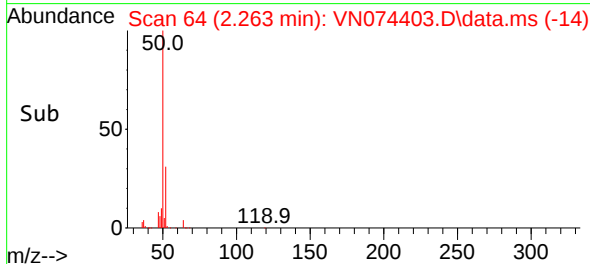
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 230010
Ion Ratio Lower Upper
50 100
52 30.7 24.1 36.1

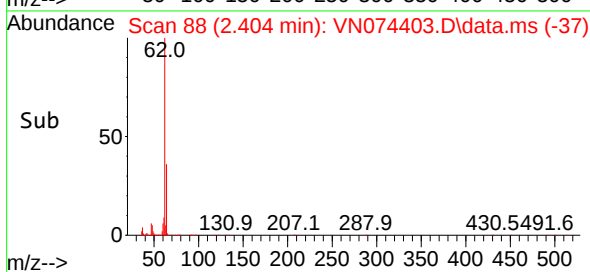
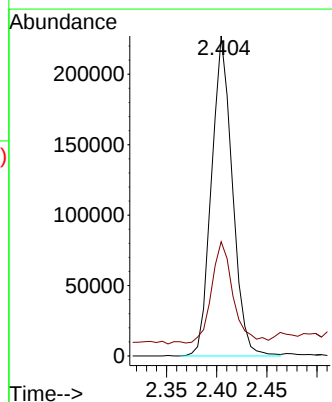
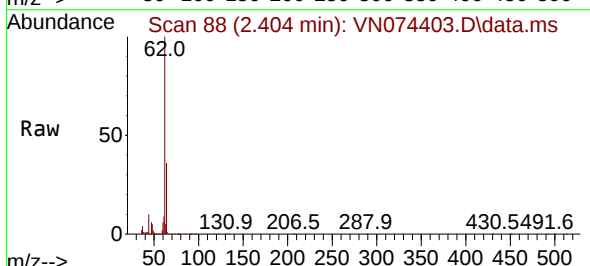
Manual Integrations
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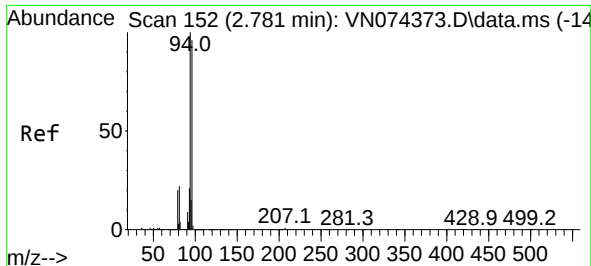
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#4
Vinyl Chloride
Concen: 48.470 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

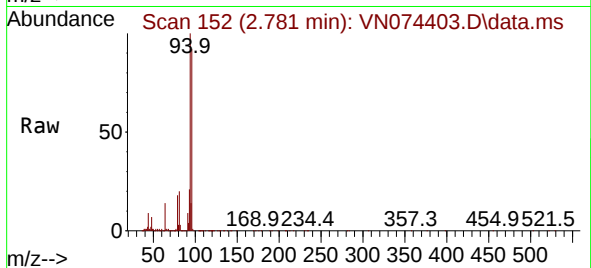
Tgt Ion: 62 Resp: 328767
Ion Ratio Lower Upper
62 100
64 31.2 23.5 35.3





#5
Bromomethane
Concen: 54.376 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

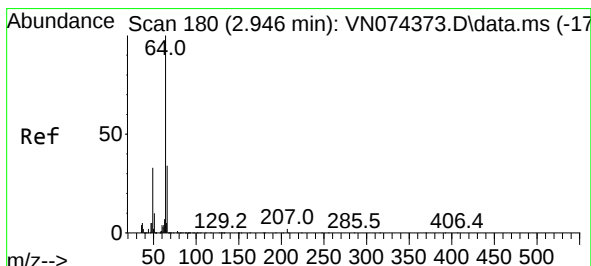
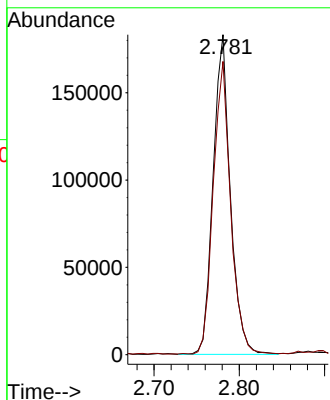
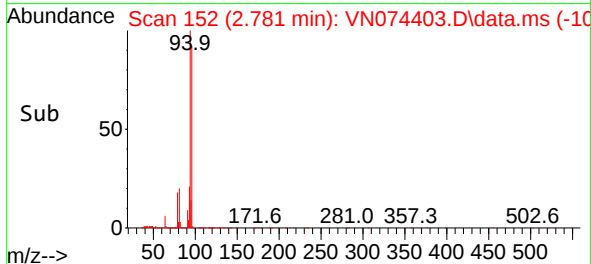
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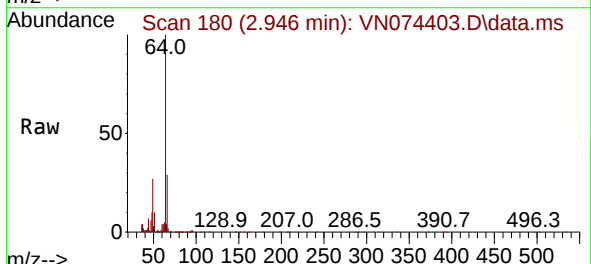
Tgt Ion: 94 Resp: 257734
Ion Ratio Lower Upper
94 100
96 91.6 76.7 115.1

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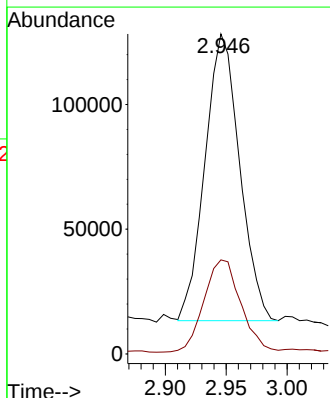
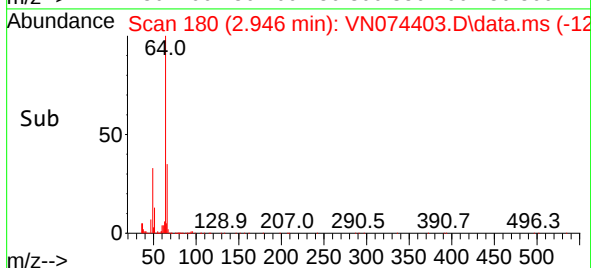
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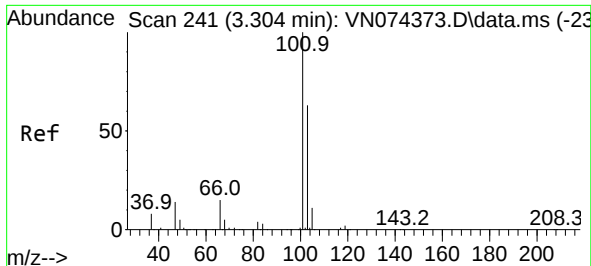


#6
Chloroethane
Concen: 54.656 ug/l
RT: 2.946 min Scan# 180
Delta R.T. -0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



Tgt Ion: 64 Resp: 227720
Ion Ratio Lower Upper
64 100
66 31.5 26.5 39.7





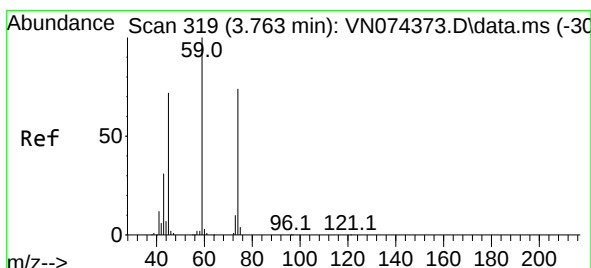
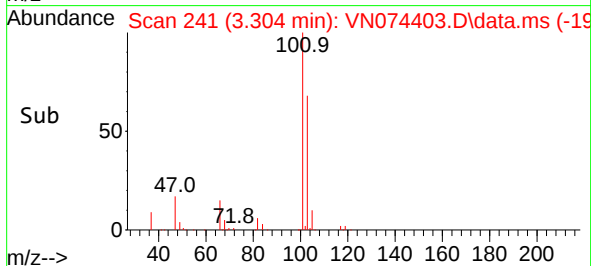
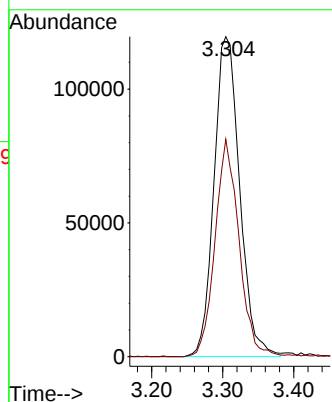
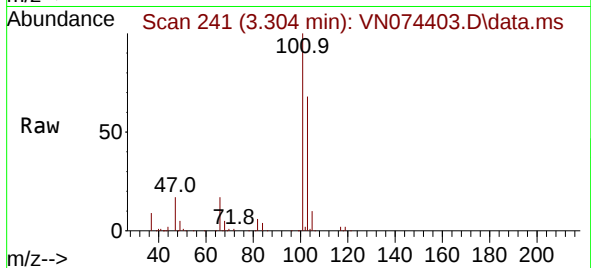
#7
Trichlorofluoromethane
Concen: 44.788 ug/l
RT: 3.304 min Scan# 241
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 299960
Ion Ratio Lower Upper
101 100
103 68.0 50.8 76.2

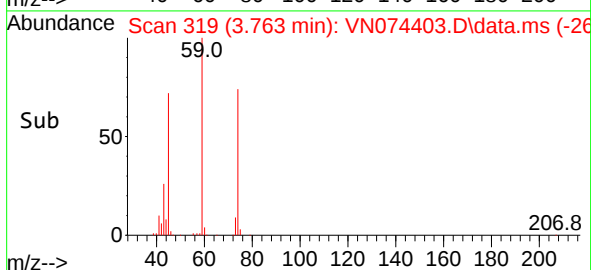
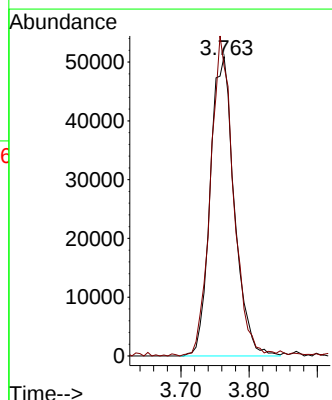
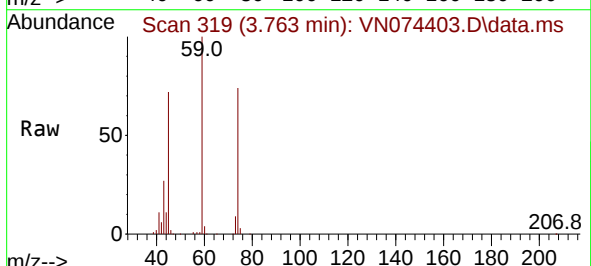
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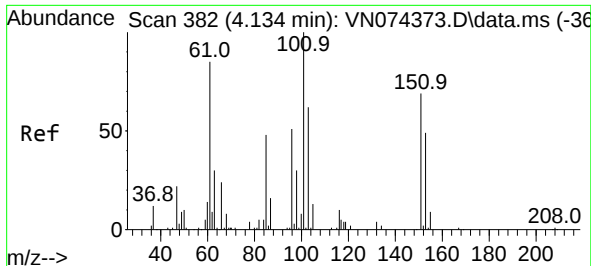
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#8
Diethyl Ether
Concen: 44.423 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

Tgt Ion: 74 Resp: 125541
Ion Ratio Lower Upper
74 100
45 101.6 52.4 157.3





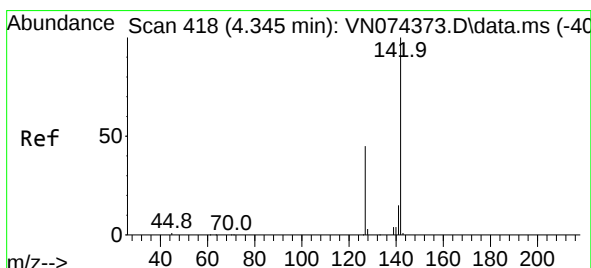
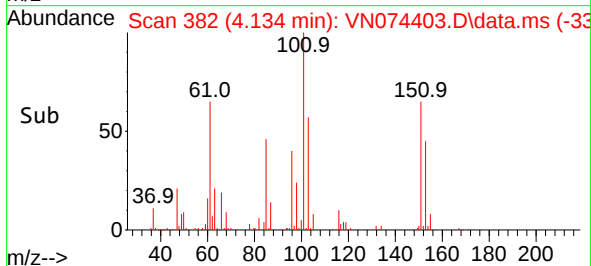
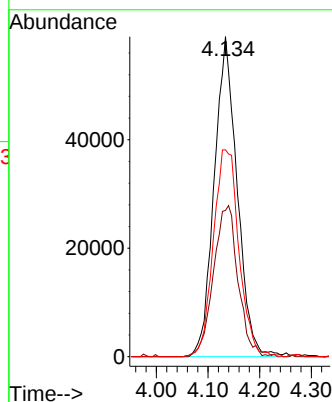
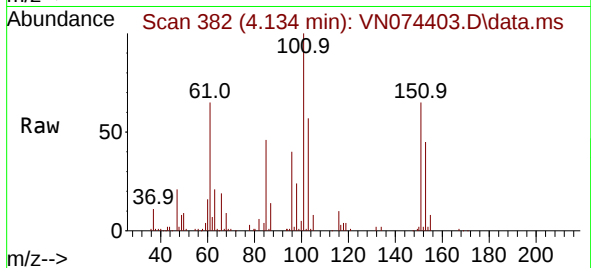
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.355 ug/l
RT: 4.134 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 182028
Ion Ratio Lower Upper
101 100
85 50.3 39.5 59.3
151 72.1 57.8 86.6

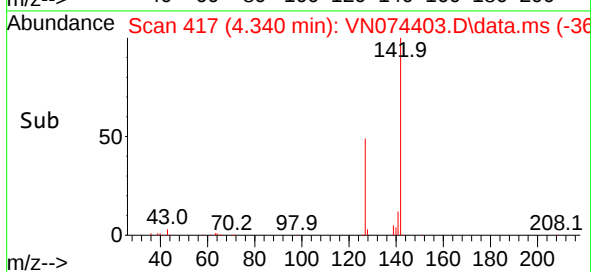
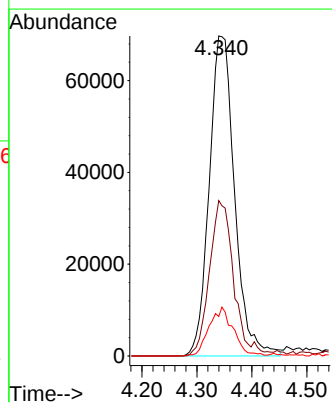
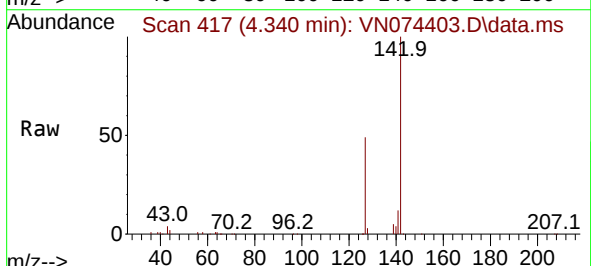
Manual Integrations
APPROVED

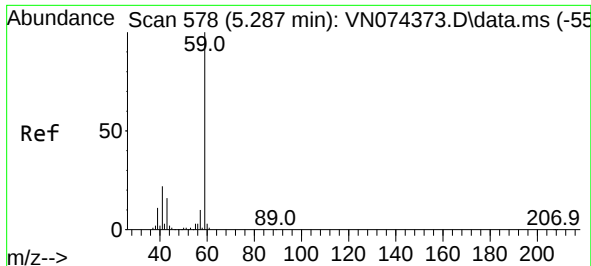
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#10
Methyl Iodide
Concen: 48.199 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

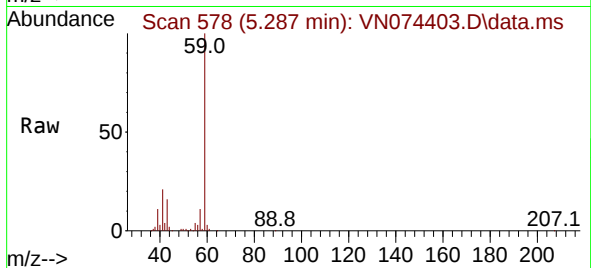
Tgt Ion:142 Resp: 223621
Ion Ratio Lower Upper
142 100
127 46.2 37.4 56.2
141 14.5 11.2 16.8





#11
Tert butyl alcohol
Concen: 216.959 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

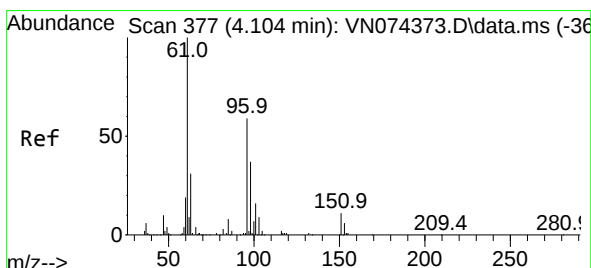
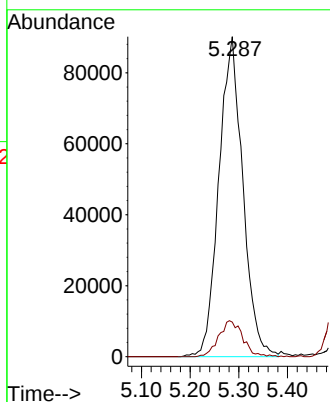
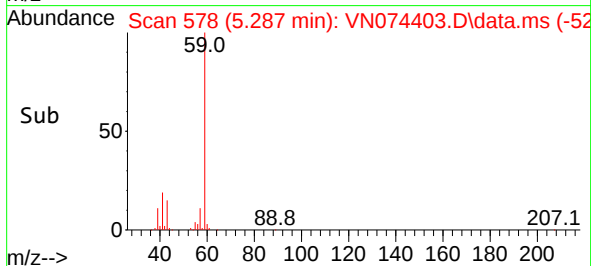
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



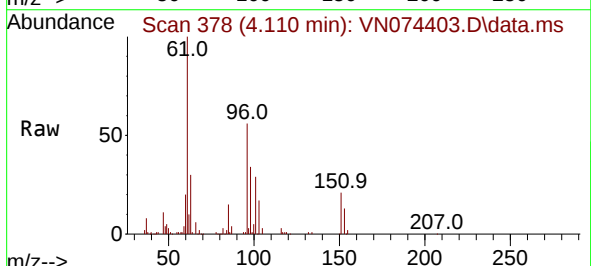
Tgt Ion: 59 Resp: 307599
Ion Ratio Lower Upper
59 100
57 11.2 8.8 13.2

Manual Integrations
APPROVED

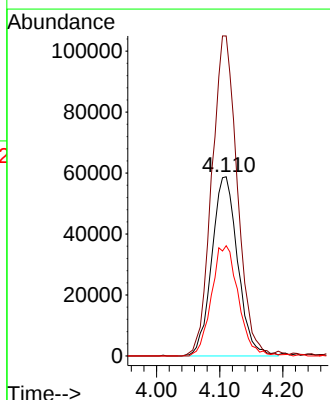
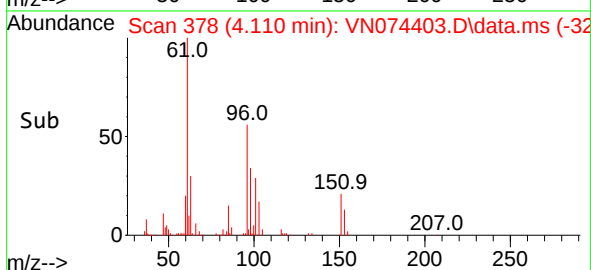
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

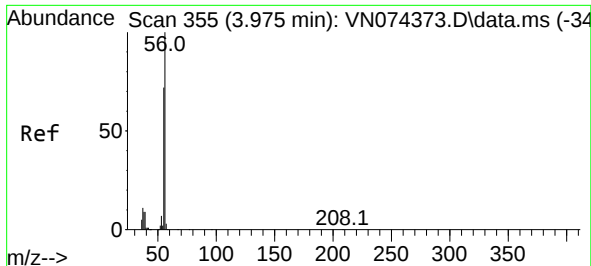


#12
1,1-Dichloroethene
Concen: 42.930 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



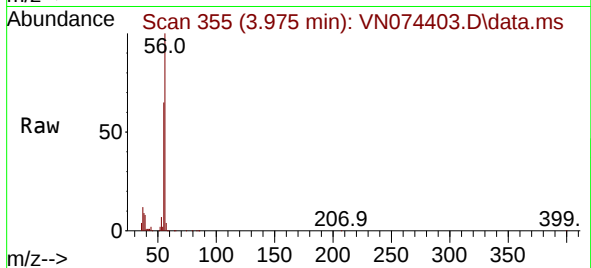
Tgt Ion: 96 Resp: 167659
Ion Ratio Lower Upper
96 100
61 178.5 134.7 202.1
98 61.5 50.2 75.4





#13
Acrolein
Concen: 232.025 ug/l
RT: 3.975 min Scan# 355
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

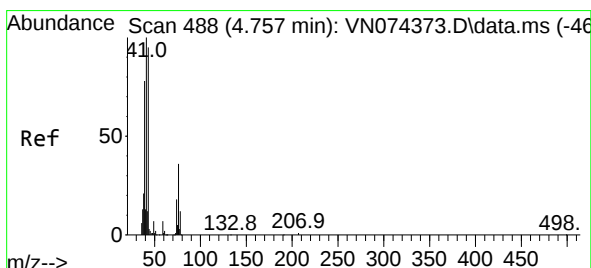
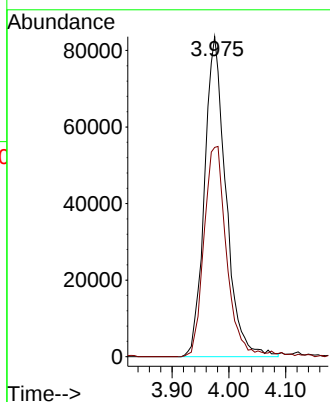
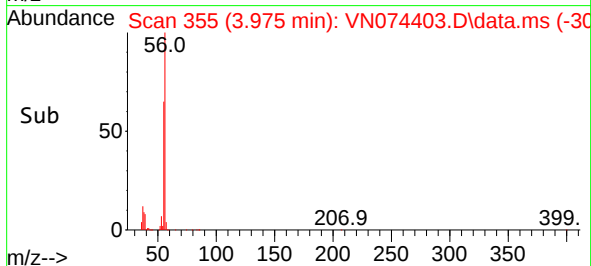
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



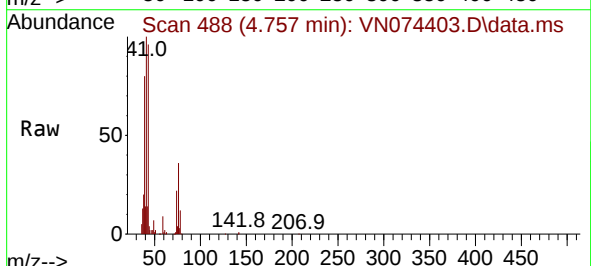
Tgt Ion: 56 Resp: 21851
Ion Ratio Lower Upper
56 100
55 68.9 56.2 84.4

Manual Integrations
APPROVED

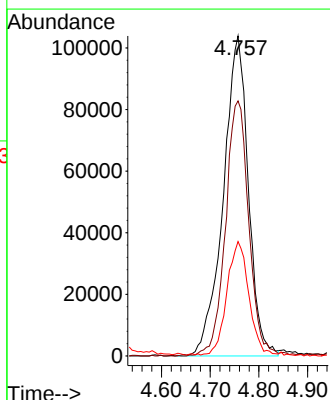
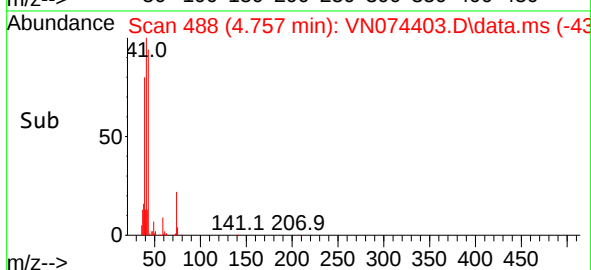
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

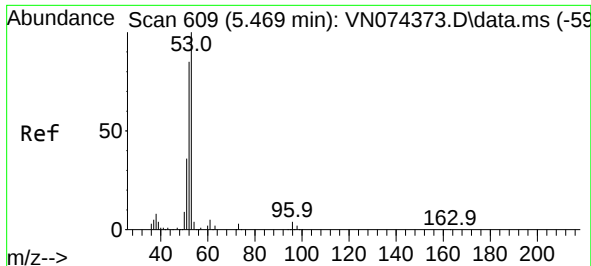


#14
Allyl chloride
Concen: 43.389 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



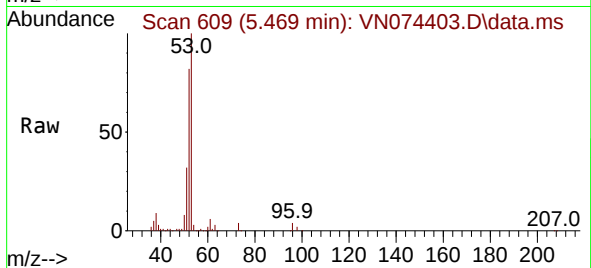
Tgt Ion: 41 Resp: 371694
Ion Ratio Lower Upper
41 100
39 74.1 58.5 87.7
76 30.8 24.2 36.4





#15
Acrylonitrile
Concen: 228.878 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

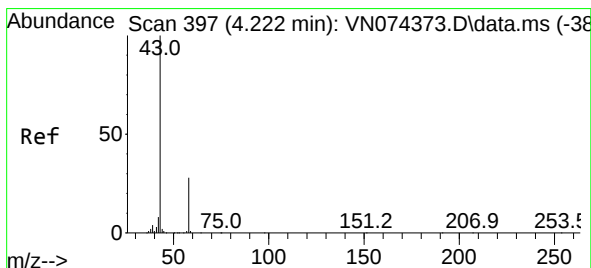
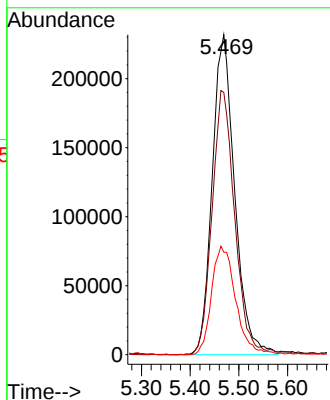
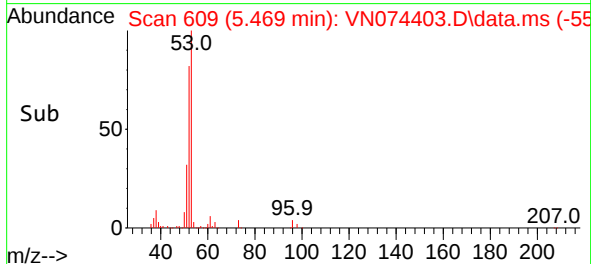
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



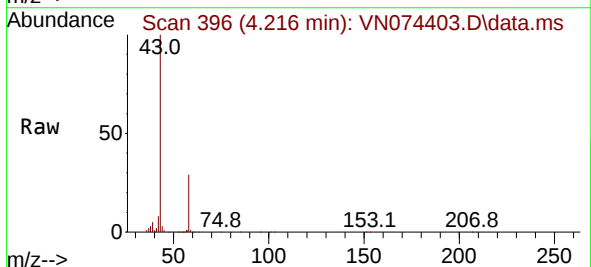
Tgt Ion: 53 Resp: 742395
Ion Ratio Lower Upper
53 100
52 83.5 65.9 98.9
51 36.4 29.4 44.2

Manual Integrations
APPROVED

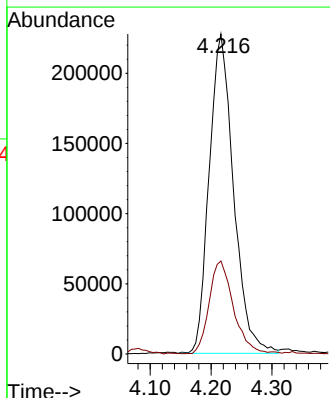
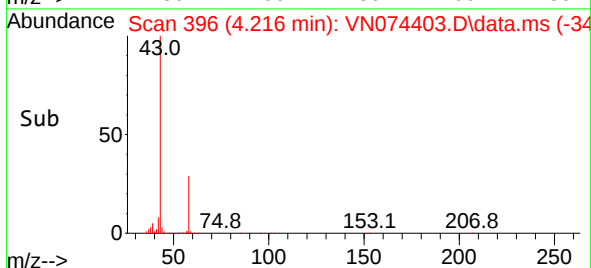
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

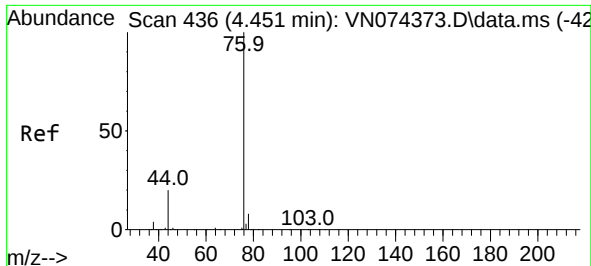


#16
Acetone
Concen: 216.201 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



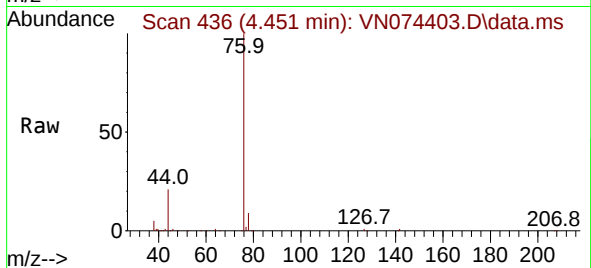
Tgt Ion: 43 Resp: 632672
Ion Ratio Lower Upper
43 100
58 29.0 22.7 34.1





#17
Carbon Disulfide
Concen: 44.967 ug/l
RT: 4.451 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

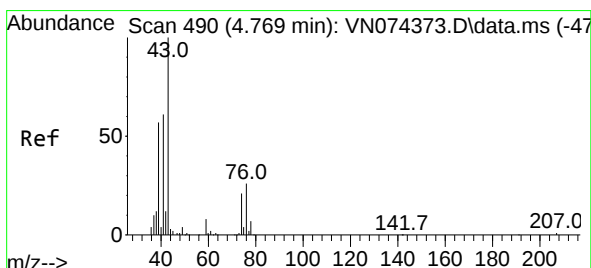
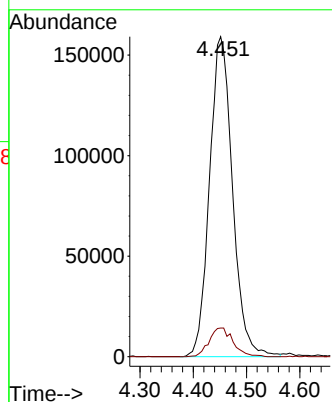
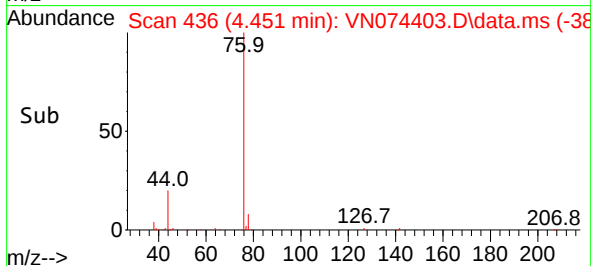
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 477284
Ion Ratio Lower Upper
76 100
78 8.9 6.5 9.7

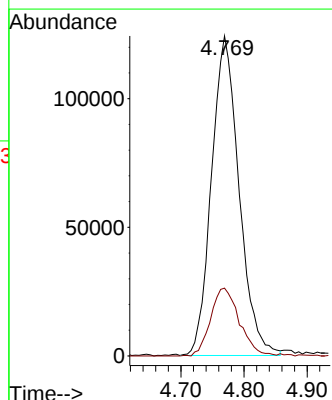
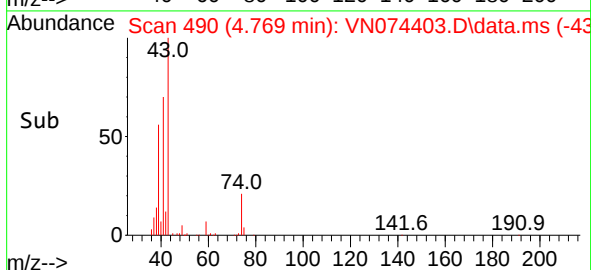
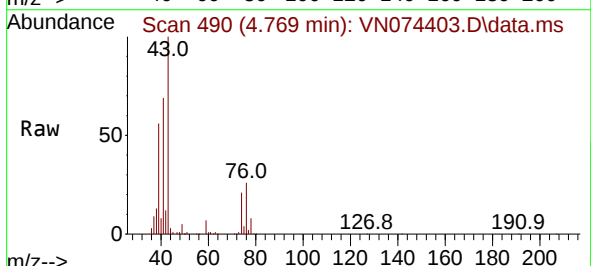
Manual Integrations
APPROVED

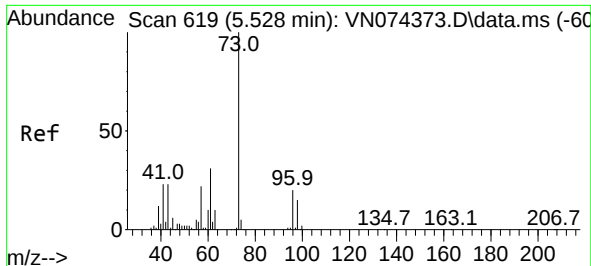
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#18
Methyl Acetate
Concen: 43.641 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

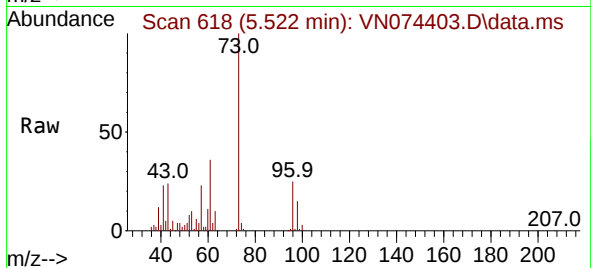
Tgt Ion: 43 Resp: 376471
Ion Ratio Lower Upper
43 100
74 22.1 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 45.406 ug/l
RT: 5.522 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

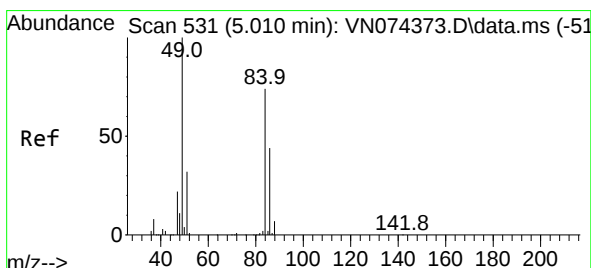
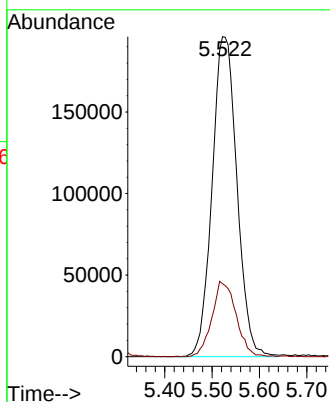
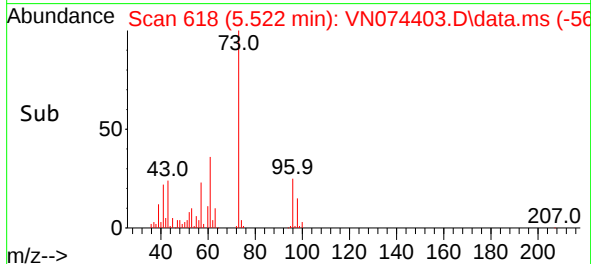
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



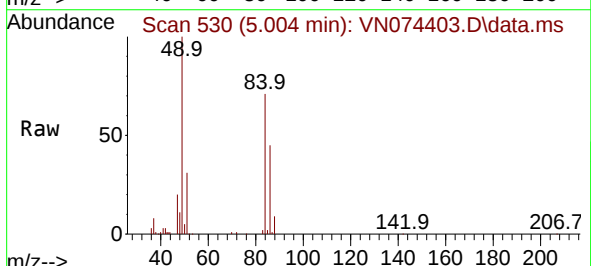
Tgt Ion: 73 Resp: 713724
Ion Ratio Lower Upper
73 100
57 22.7 17.7 26.5

Manual Integrations
APPROVED

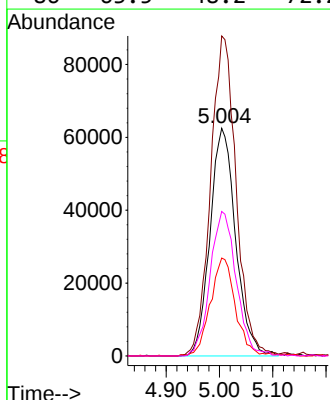
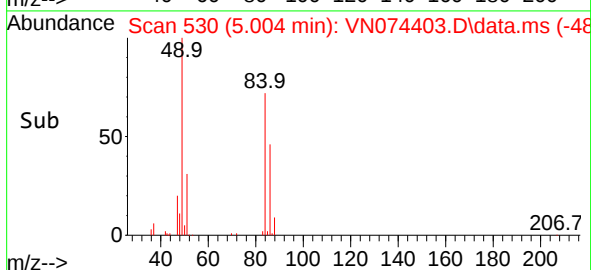
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

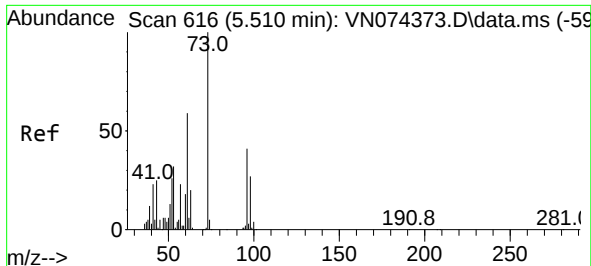


#20
Methylene Chloride
Concen: 48.626 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



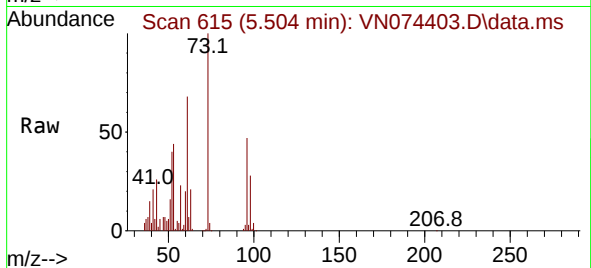
Tgt Ion: 84 Resp: 208958
Ion Ratio Lower Upper
84 100
49 140.5 108.2 162.4
51 43.0 34.3 51.5
86 63.5 48.2 72.2





#21
trans-1,2-Dichloroethene
Concen: 43.448 ug/l
RT: 5.504 min Scan# 615
Delta R.T. -0.006 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

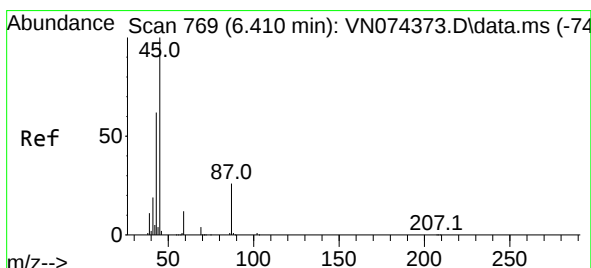
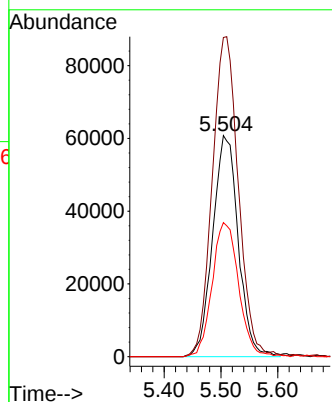
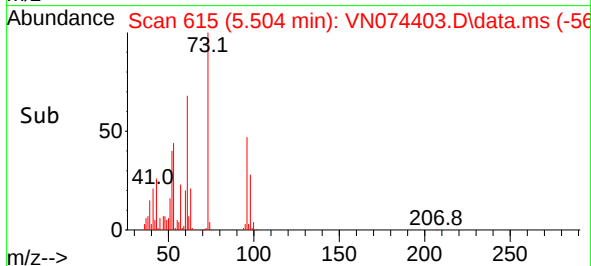
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 19013
Ion Ratio Lower Upper
96 100
61 144.4 115.3 172.9
98 60.7 53.4 80.0

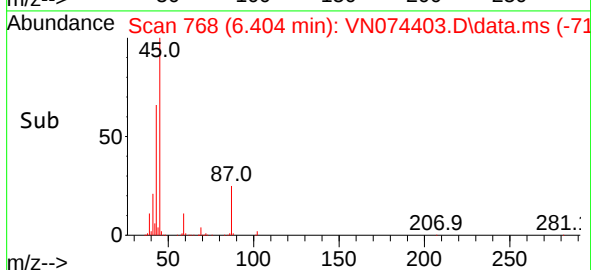
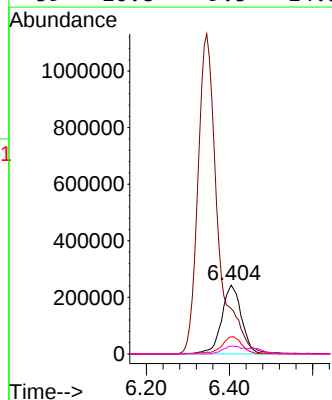
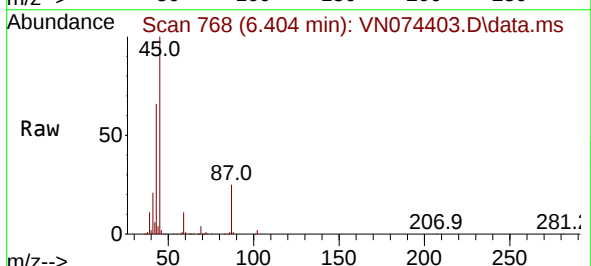
Manual Integrations
APPROVED

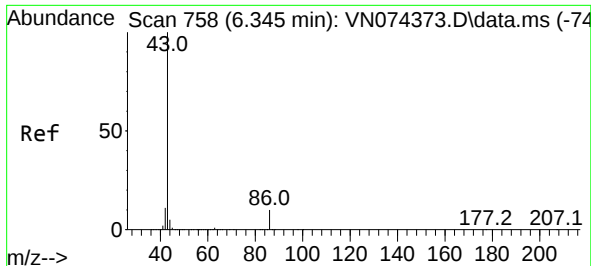
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#22
Diisopropyl ether
Concen: 46.590 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

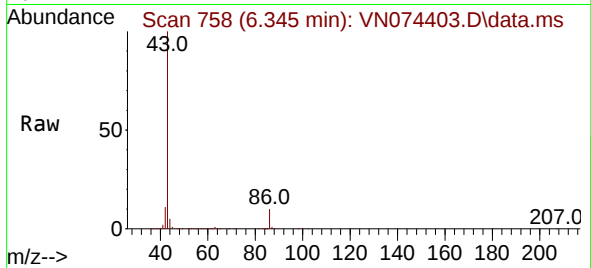
Tgt Ion: 45 Resp: 803604
Ion Ratio Lower Upper
45 100
43 64.5 49.4 74.0
87 24.8 21.3 31.9
59 10.8 9.5 14.3





#23
 Vinyl Acetate
 Concen: 241.773 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VN074403.D
 Acq: 12 Sep 2022 10:30

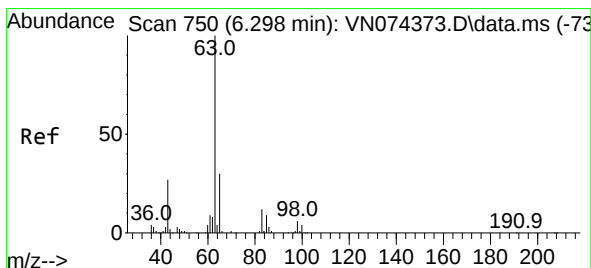
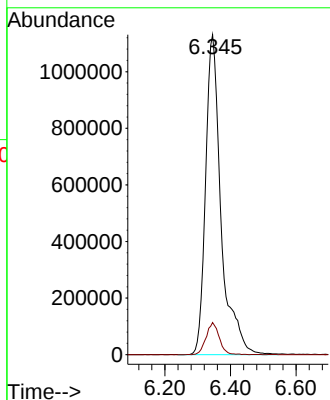
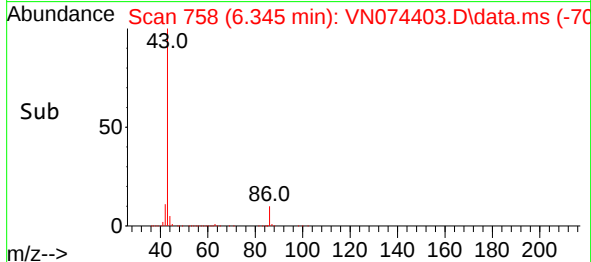
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



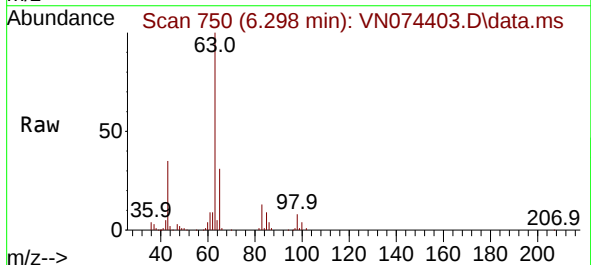
Tgt Ion: 43 Resp: 372166
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.6 11.4

Manual Integrations
 APPROVED

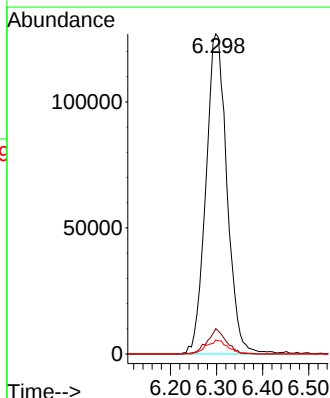
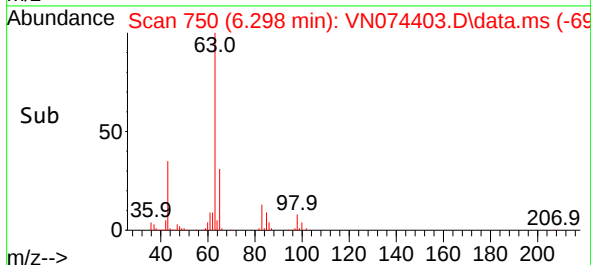
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

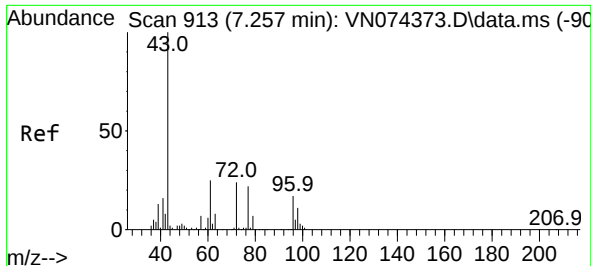


#24
 1,1-Dichloroethane
 Concen: 45.595 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. 0.000 min
 Lab File: VN074403.D
 Acq: 12 Sep 2022 10:30



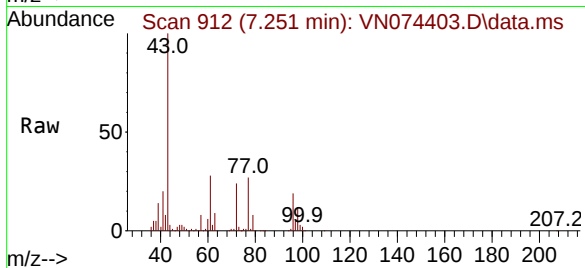
Tgt Ion: 63 Resp: 404094
 Ion Ratio Lower Upper
 63 100
 98 7.9 2.9 8.6
 100 4.4 2.0 5.8





#25
2-Butanone
Concen: 229.555 ug/l
RT: 7.251 min Scan# 912
Delta R.T. -0.006 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

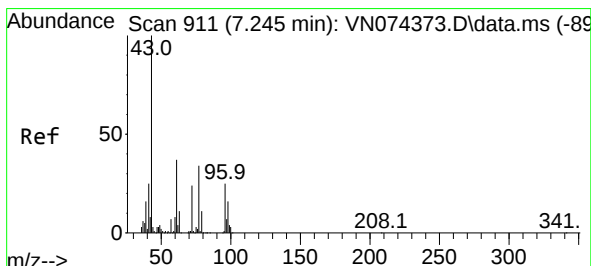
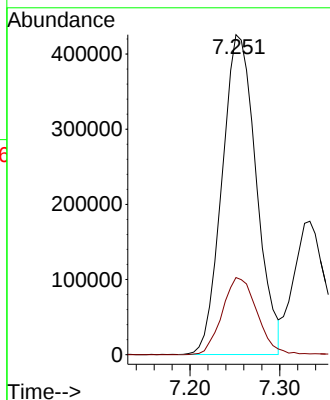
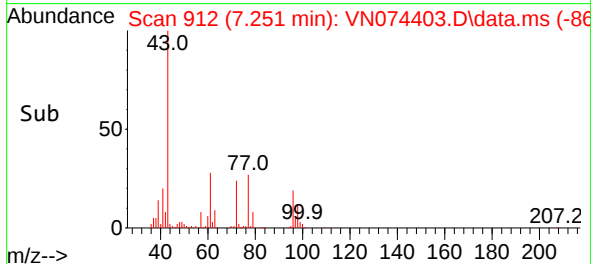
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1127619
Ion Ratio Lower Upper
43 100
72 24.1 18.9 28.3

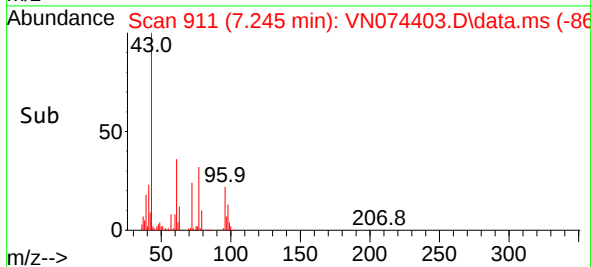
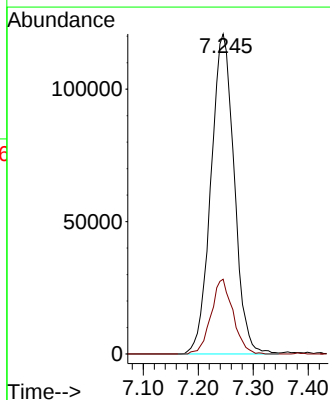
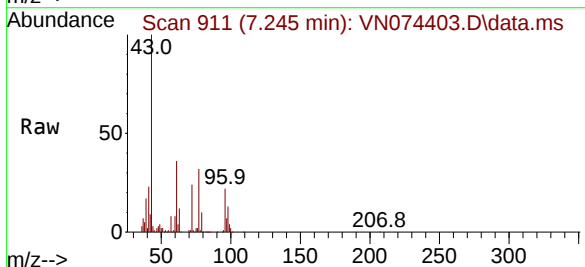
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#26
2,2-Dichloropropane
Concen: 44.278 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

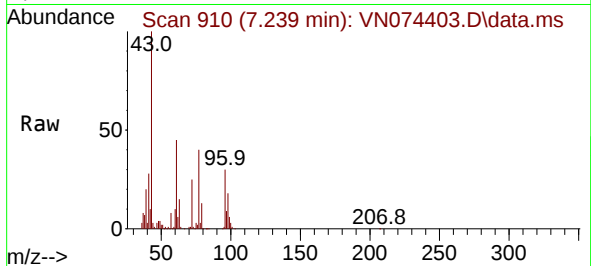
Tgt Ion: 77 Resp: 355011
Ion Ratio Lower Upper
77 100
97 22.0 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 44.187 ug/l
 RT: 7.239 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN074403.D
 Acq: 12 Sep 2022 10:30

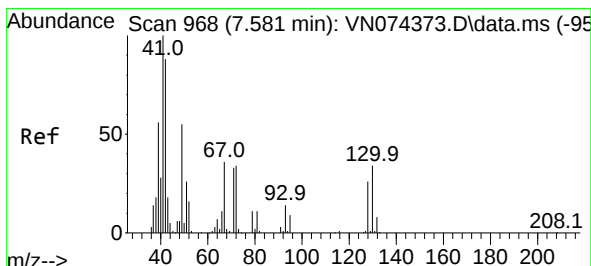
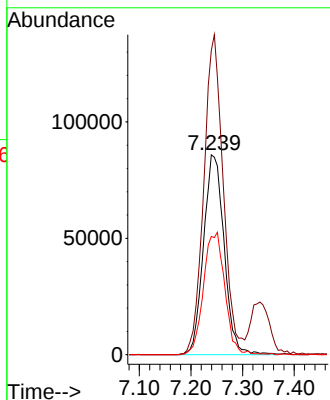
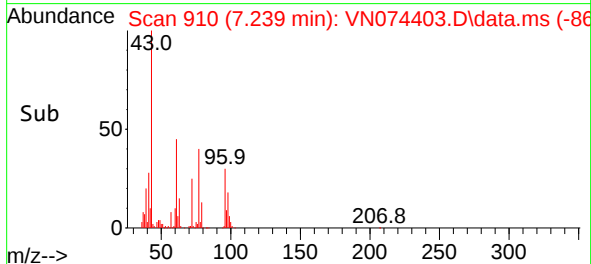
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 238236
 Ion Ratio Lower Upper
 96 100
 61 151.0 0.0 306.2
 98 63.2 0.0 129.8

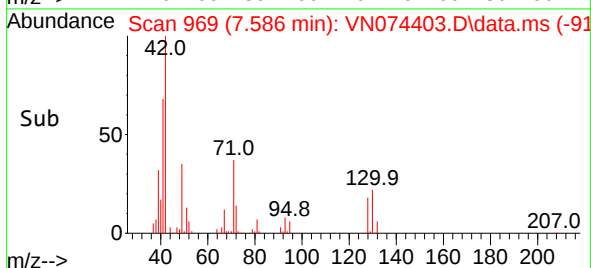
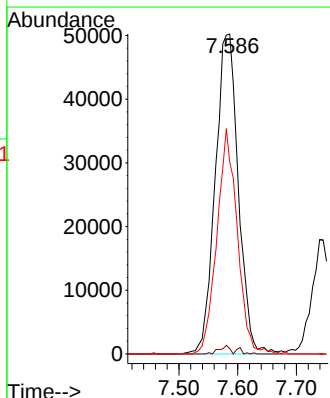
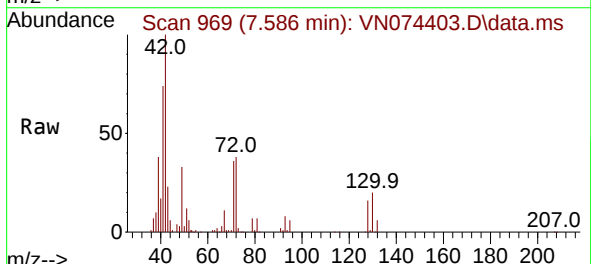
Manual Integrations
 APPROVED

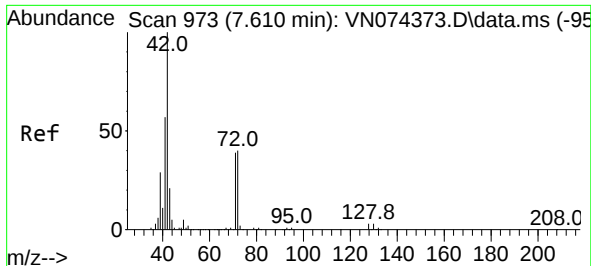
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#28
 Bromochloromethane
 Concen: 51.523 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. 0.005 min
 Lab File: VN074403.D
 Acq: 12 Sep 2022 10:30

Tgt Ion: 49 Resp: 136817
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 2.2
 130 62.2 50.0 75.0





#29

Tetrahydrofuran

Concen: 231.924 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074403.D

Acq: 12 Sep 2022 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 75309

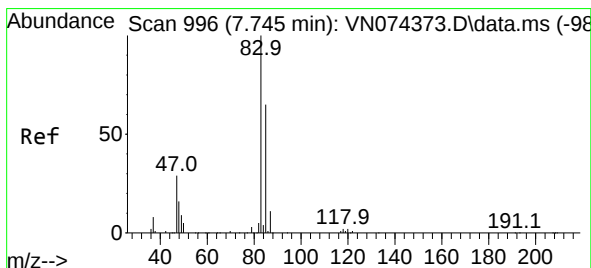
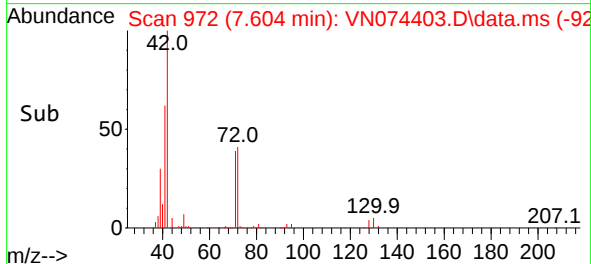
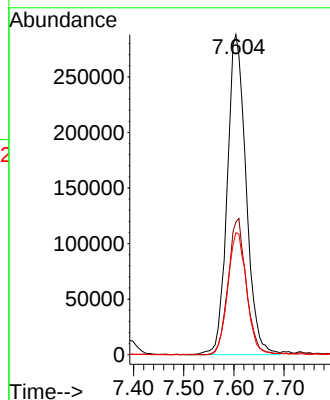
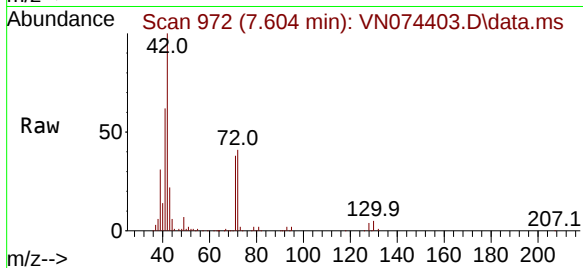
Ion	Ratio	Lower	Upper
42	100		
72	41.1	32.7	49.1
71	38.2	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#30

Chloroform

Concen: 47.423 ug/l

RT: 7.745 min Scan# 996

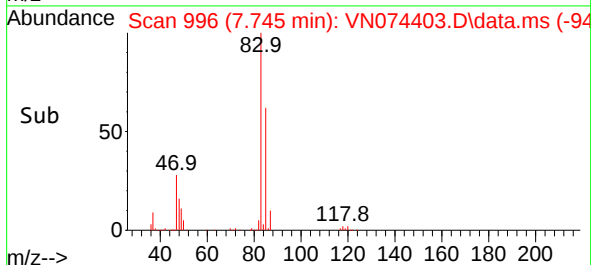
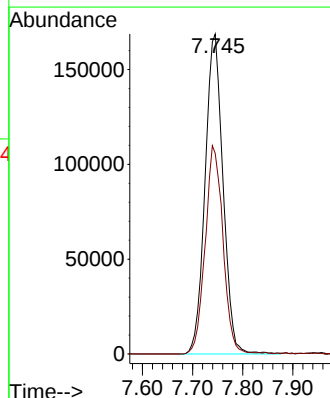
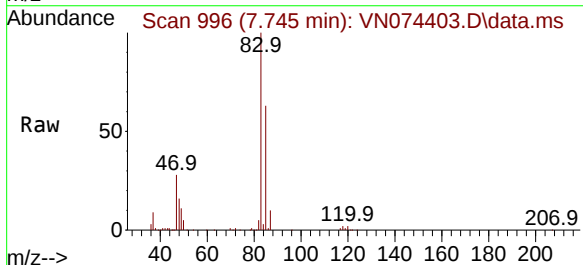
Delta R.T. 0.000 min

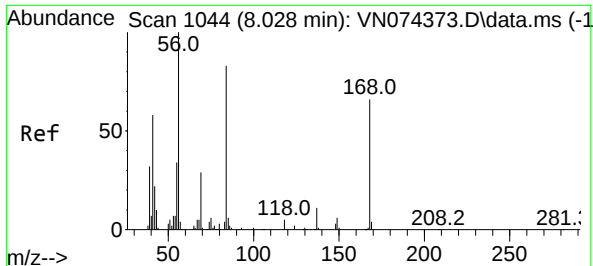
Lab File: VN074403.D

Acq: 12 Sep 2022 10:30

Tgt Ion: 83 Resp: 419533

Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.8	77.6





#31

Cyclohexane

Concen: 44.269 ug/l

RT: 8.022 min Scan# 1044

Delta R.T. -0.006 min

Lab File: VN074403.D

Acq: 12 Sep 2022 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 381628

Ion Ratio Lower Upper

56 100

69 32.4 23.0 34.4

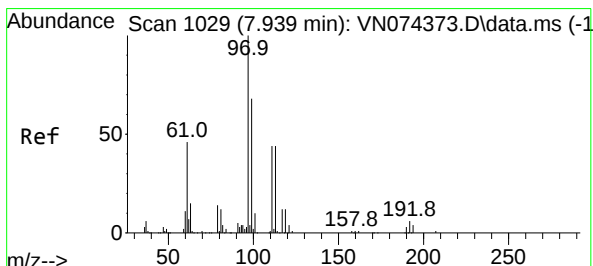
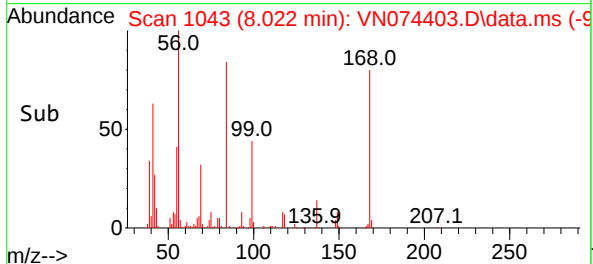
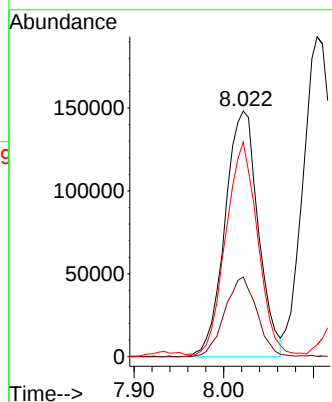
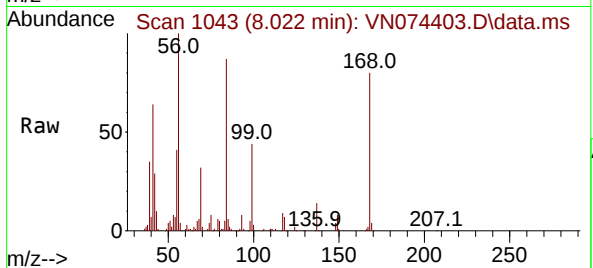
84 85.6 66.3 99.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#32

1,1,1-Trichloroethane

Concen: 45.907 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN074403.D

Acq: 12 Sep 2022 10:30

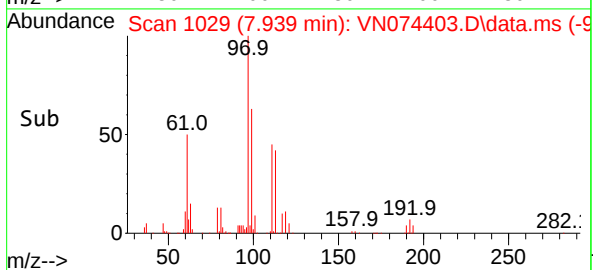
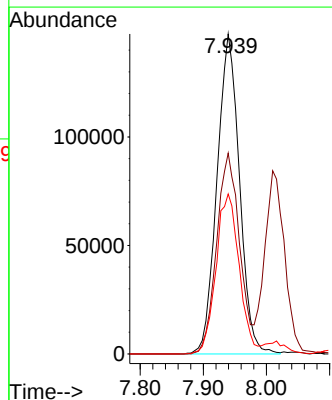
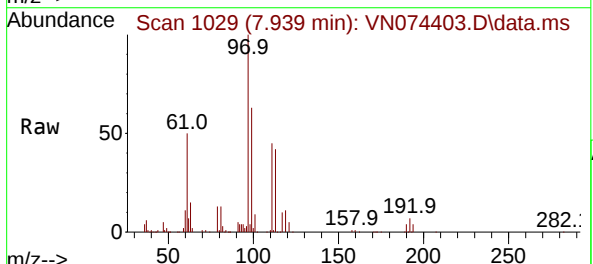
Tgt Ion: 97 Resp: 364327

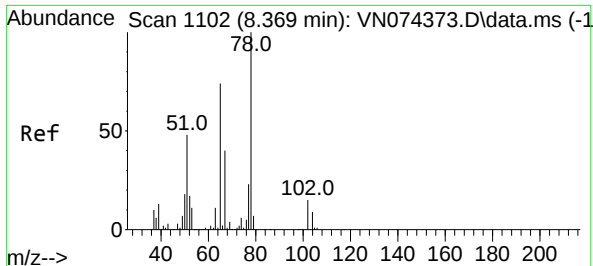
Ion Ratio Lower Upper

97 100

99 64.6 50.2 75.2

61 51.6 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 46.153 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074403.D

Acq: 12 Sep 2022 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 250169

Ion Ratio Lower Upper

65 100

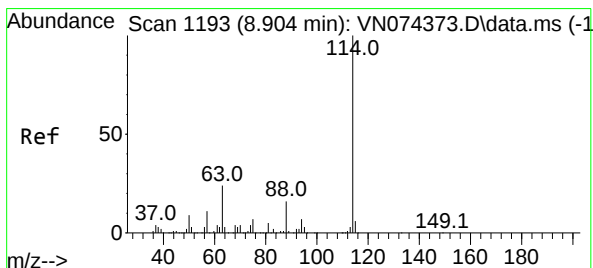
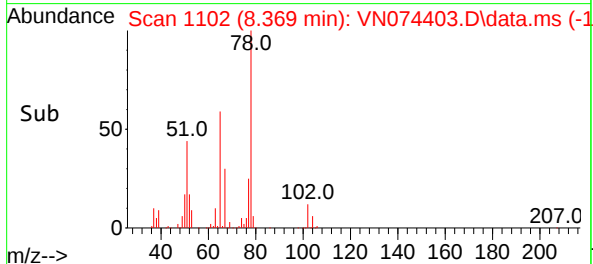
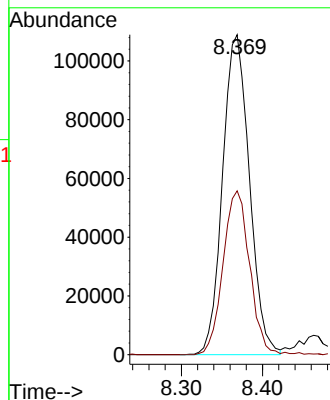
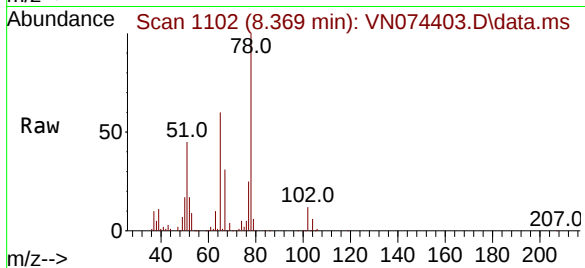
67 50.7 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074403.D

Acq: 12 Sep 2022 10:30

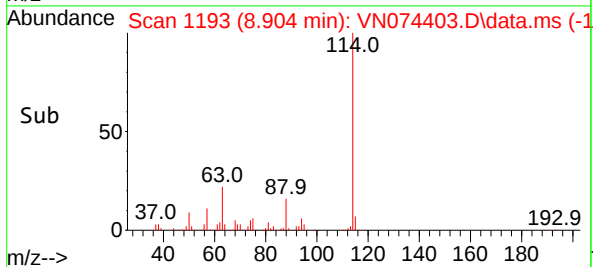
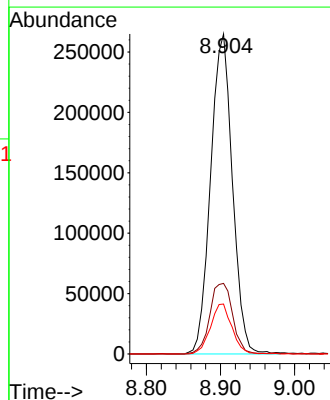
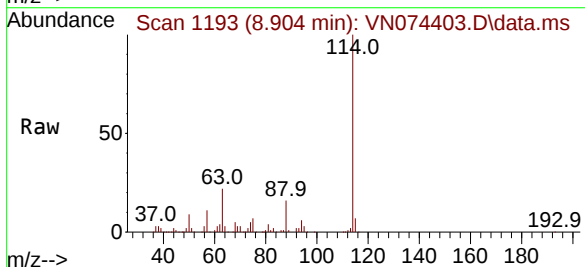
Tgt Ion:114 Resp: 541797

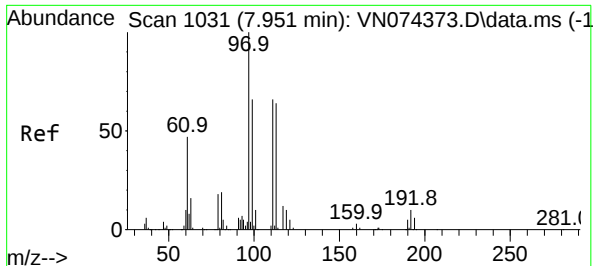
Ion Ratio Lower Upper

114 100

63 22.1 0.0 47.6

88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.886 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074403.D

Acq: 12 Sep 2022 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 186124

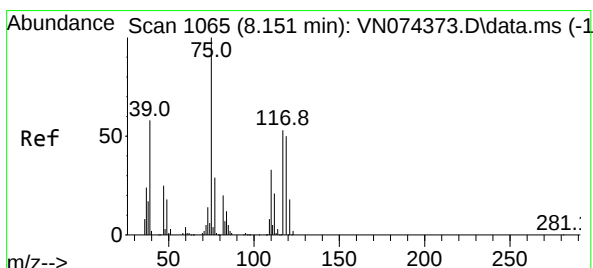
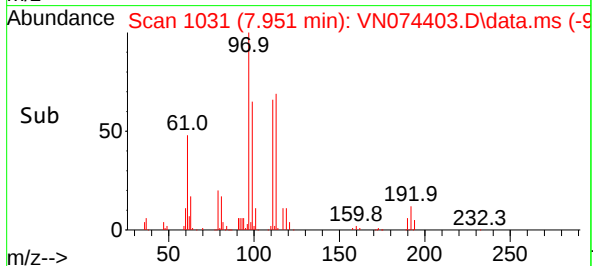
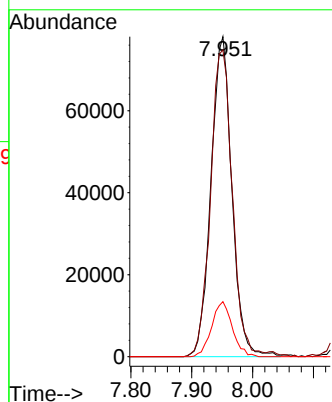
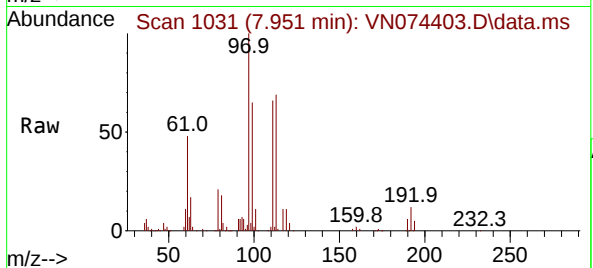
Ion	Ratio	Lower	Upper
113	100		
111	99.6	83.0	124.4
192	17.1	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#36

1,1-Dichloropropene

Concen: 50.670 ug/l

RT: 8.145 min Scan# 1064

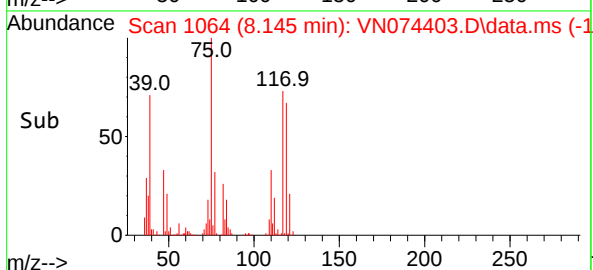
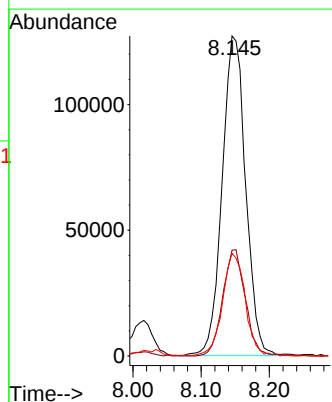
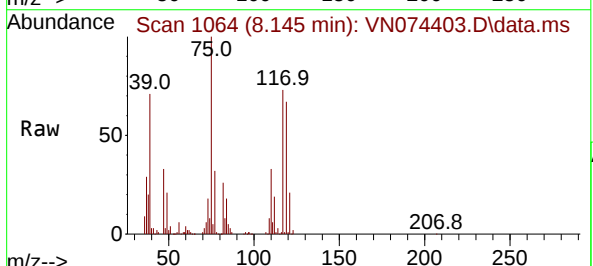
Delta R.T. -0.006 min

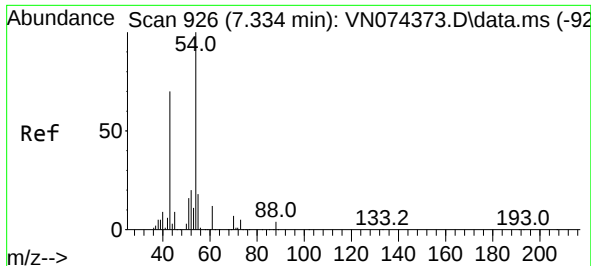
Lab File: VN074403.D

Acq: 12 Sep 2022 10:30

Tgt Ion: 75 Resp: 305326

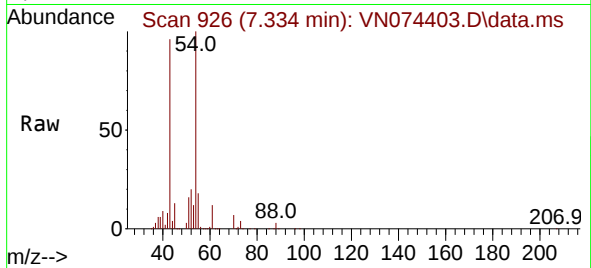
Ion	Ratio	Lower	Upper
75	100		
110	31.9	16.4	49.1
77	31.3	25.4	38.2





#37
Ethyl Acetate
Concen: 51.553 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

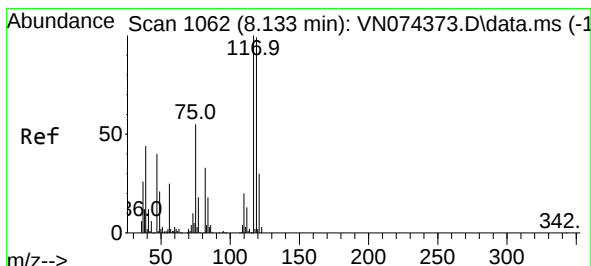
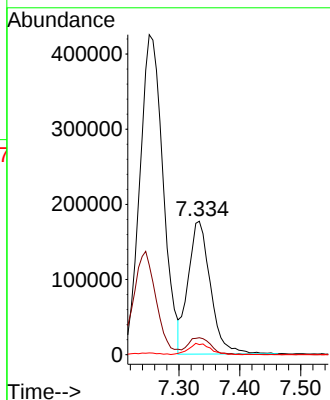
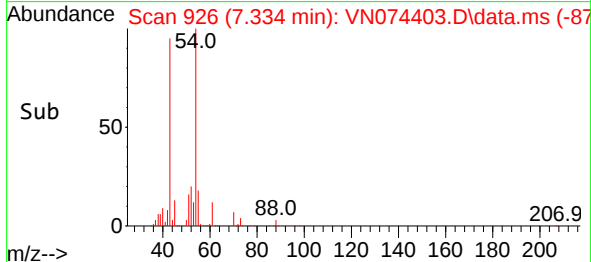
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 450620
Ion Ratio Lower Upper
43 100
61 12.5 11.1 16.7
70 8.2 7.2 10.8

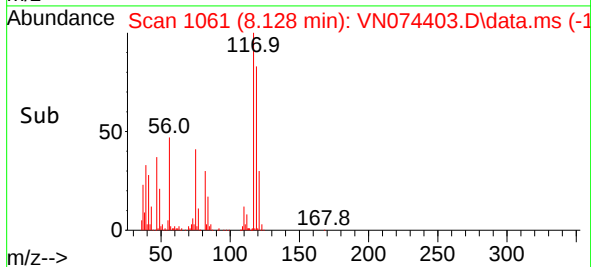
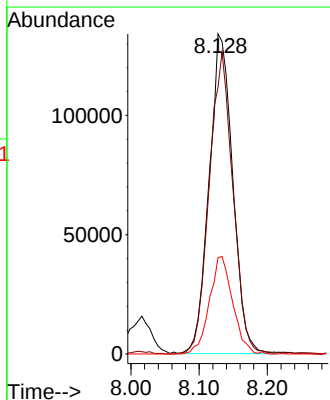
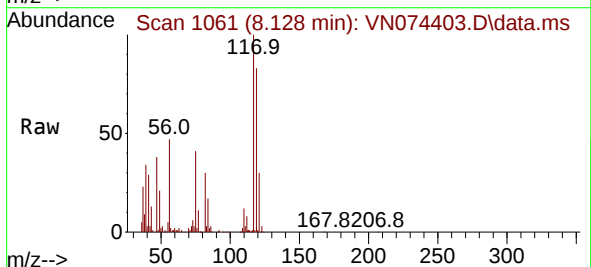
Manual Integrations
APPROVED

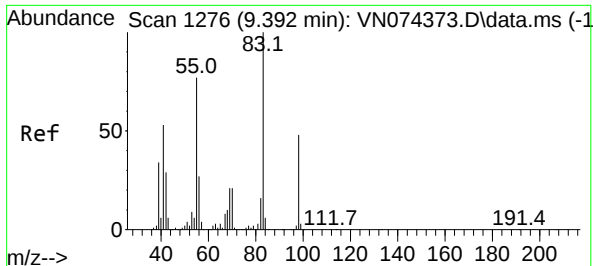
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#38
Carbon Tetrachloride
Concen: 51.915 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

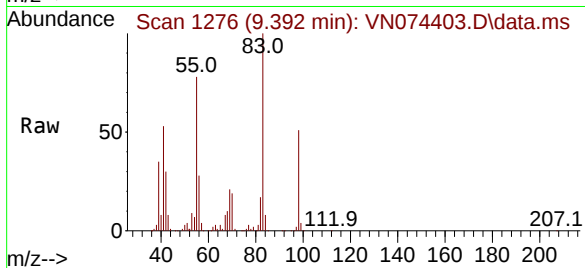
Tgt Ion:117 Resp: 322959
Ion Ratio Lower Upper
117 100
119 83.2 78.8 118.2
121 30.1 24.1 36.1





#39
Methylcyclohexane
Concen: 49.174 ug/l
RT: 9.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

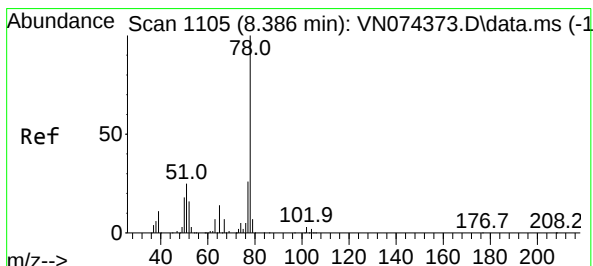
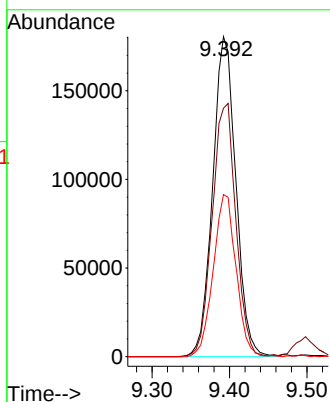
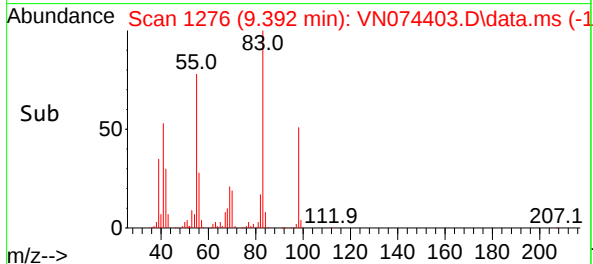
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



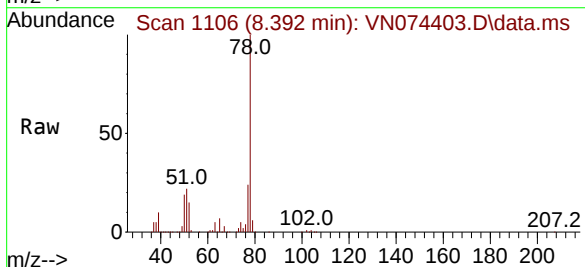
Tgt Ion: 83 Resp: 375550
Ion Ratio Lower Upper
83 100
55 77.6 61.2 91.8
98 50.7 38.5 57.7

Manual Integrations
APPROVED

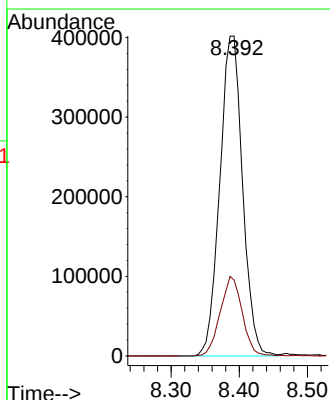
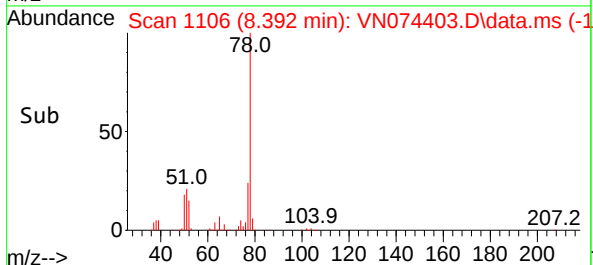
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

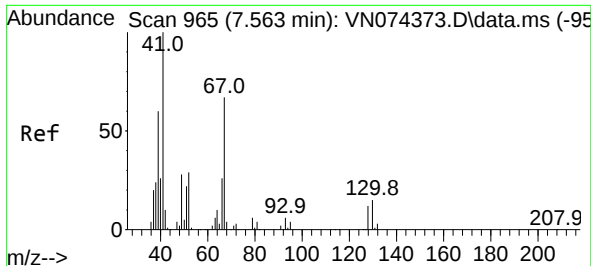


#40
Benzene
Concen: 50.687 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



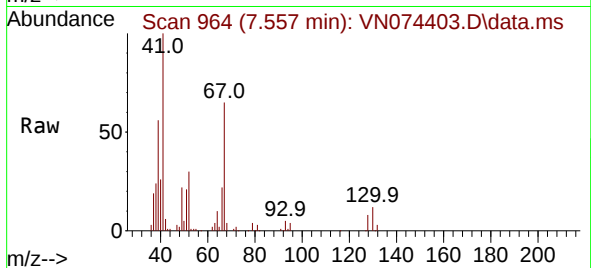
Tgt Ion: 78 Resp: 935147
Ion Ratio Lower Upper
78 100
77 23.8 20.6 31.0





#41
Methacrylonitrile
Concen: 42.891 ug/l
RT: 7.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

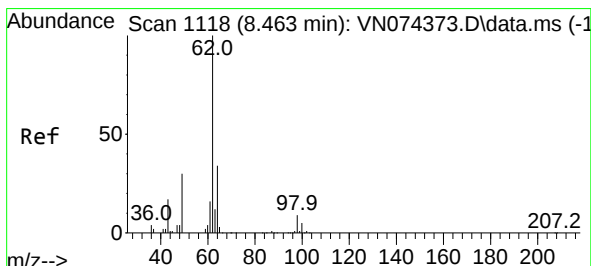
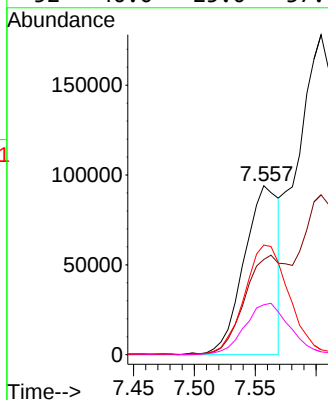
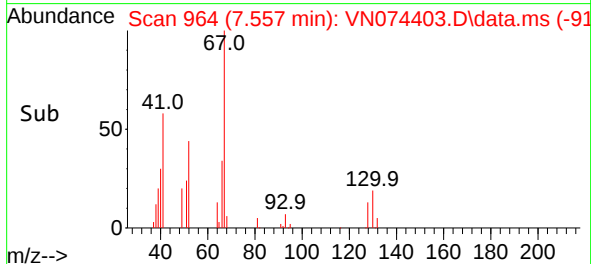
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 18603
Ion Ratio Lower Upper
41 100
39 77.7 39.2 58.8
67 83.6 53.6 80.4
52 40.0 25.0 37.4

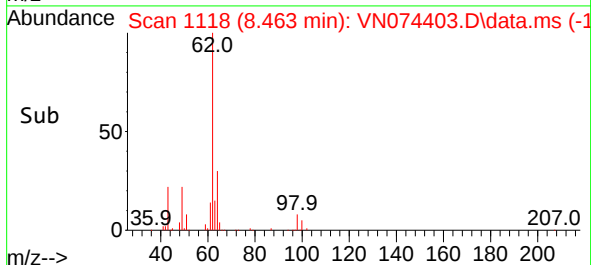
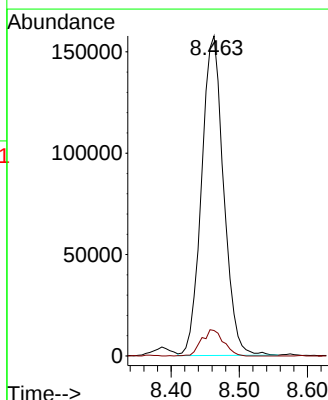
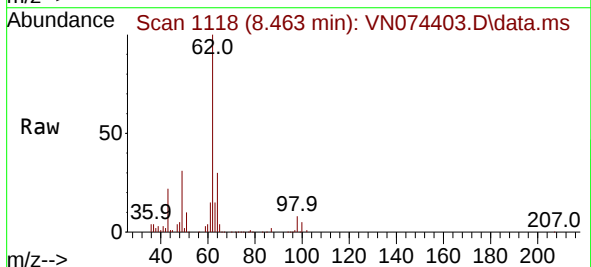
Manual Integrations
APPROVED

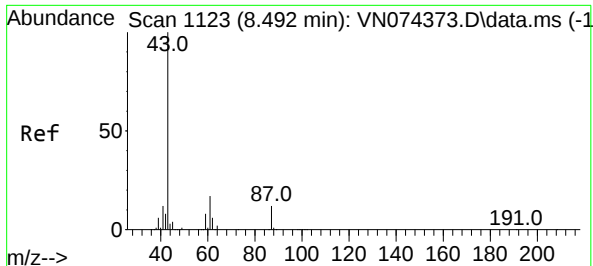
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#42
1,2-Dichloroethane
Concen: 50.310 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

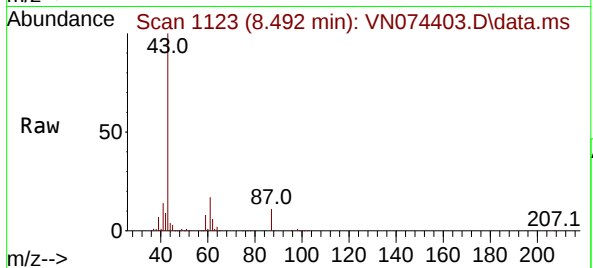
Tgt Ion: 62 Resp: 354843
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.6





#43
Isopropyl Acetate
Concen: 49.899 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

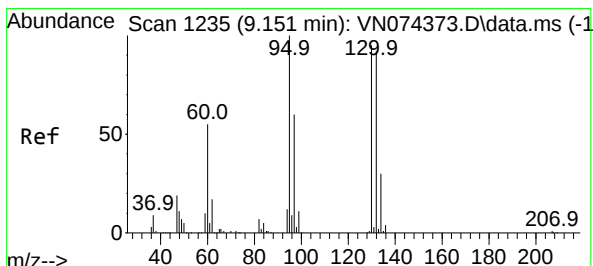
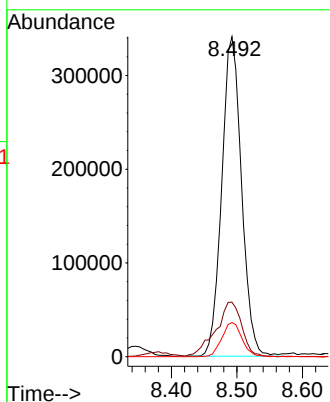
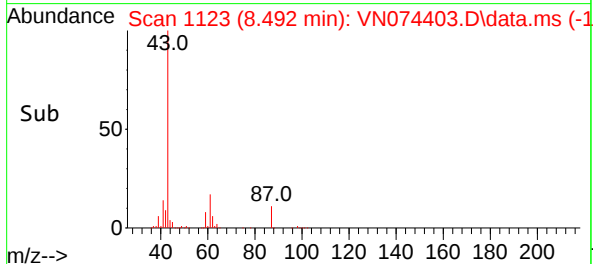
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



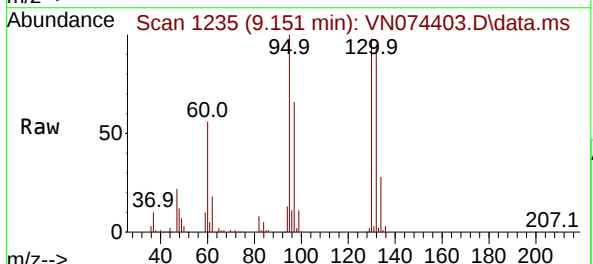
Tgt Ion: 43 Resp: 713304
Ion Ratio Lower Upper
43 100
61 22.6 18.6 27.8
87 10.9 9.4 14.2

Manual Integrations
APPROVED

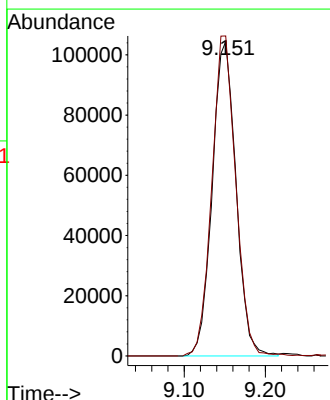
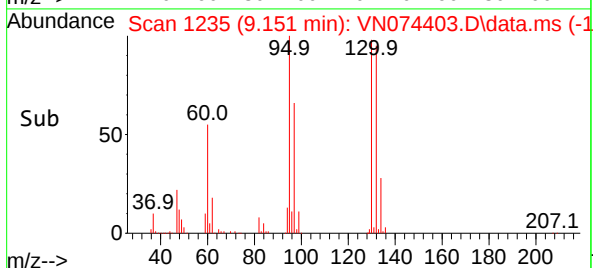
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

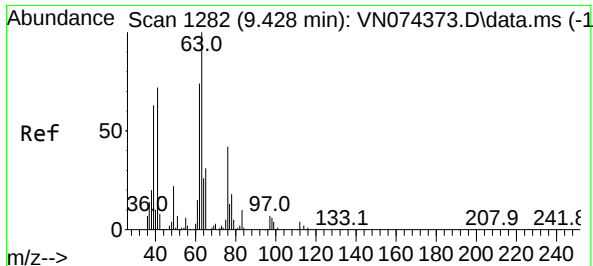


#44
Trichloroethene
Concen: 51.249 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



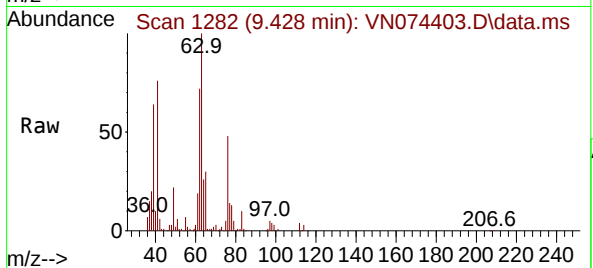
Tgt Ion:130 Resp: 211976
Ion Ratio Lower Upper
130 100
95 101.8 0.0 210.0





#45
1,2-Dichloropropane
Concen: 48.450 ug/l
RT: 9.428 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

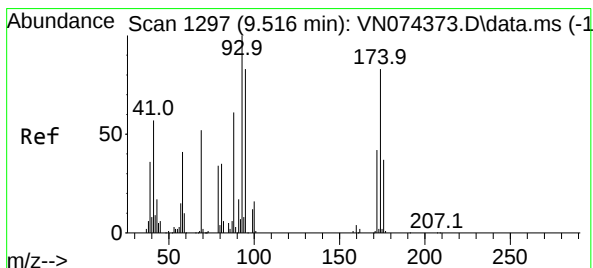
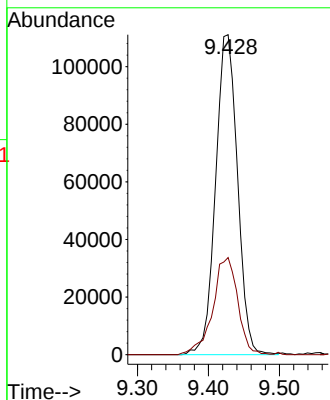
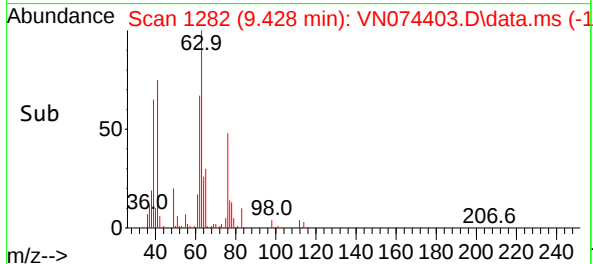
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 237288
Ion Ratio Lower Upper
63 100
65 30.3 24.6 36.8

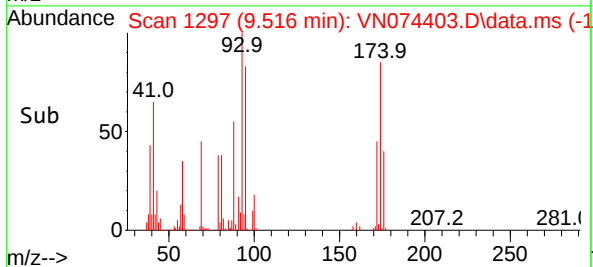
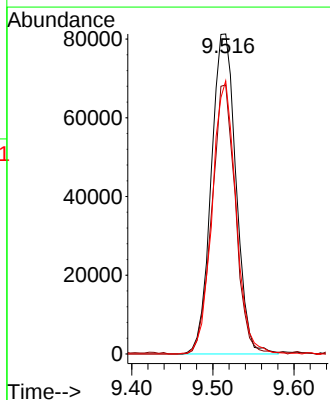
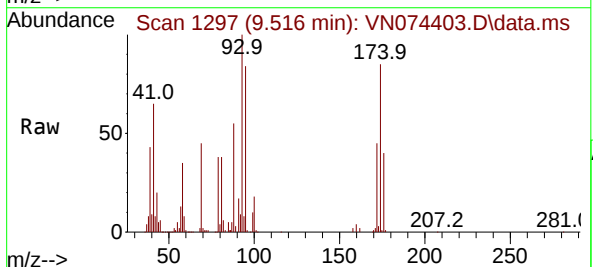
Manual Integrations
APPROVED

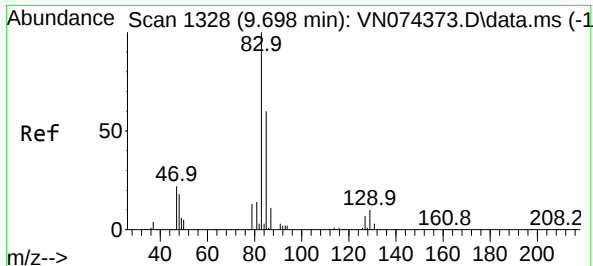
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#46
Dibromomethane
Concen: 51.415 ug/l
RT: 9.516 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

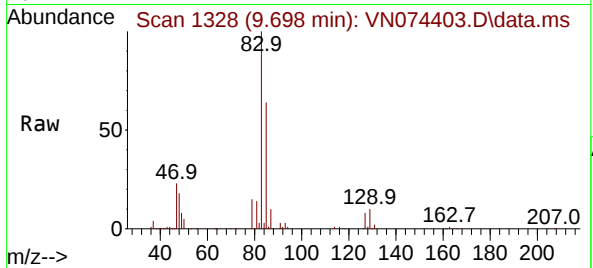
Tgt Ion: 93 Resp: 172414
Ion Ratio Lower Upper
93 100
95 80.2 67.5 101.3
174 82.1 67.2 100.8





#47
Bromodichloromethane
Concen: 51.465 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

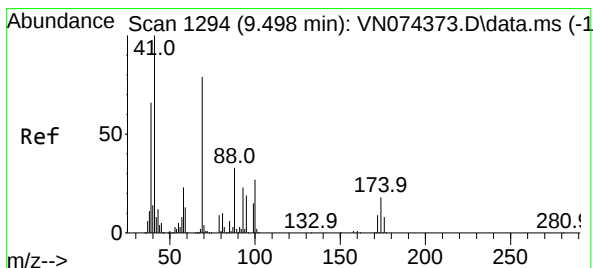
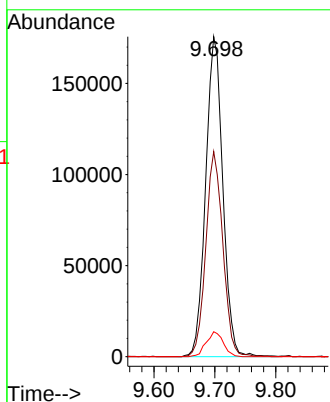
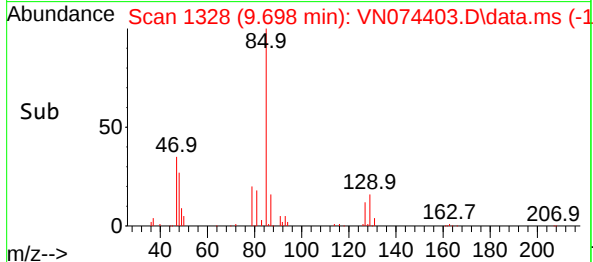
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



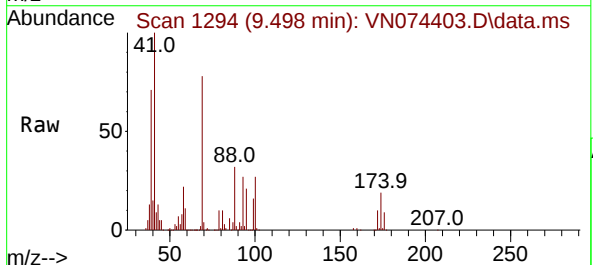
Tgt Ion: 83 Resp: 343995
Ion Ratio Lower Upper
83 100
85 64.1 47.7 71.5
127 7.8 5.4 8.2

Manual Integrations
APPROVED

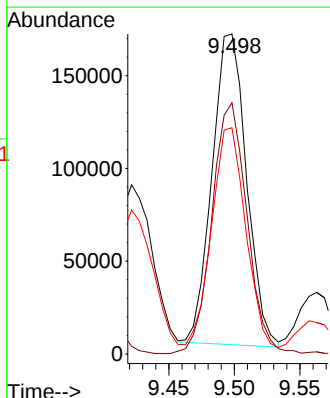
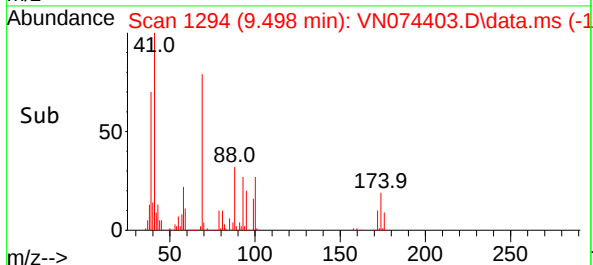
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

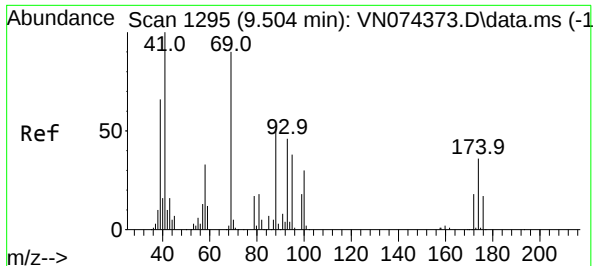


#48
Methyl methacrylate
Concen: 48.498 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



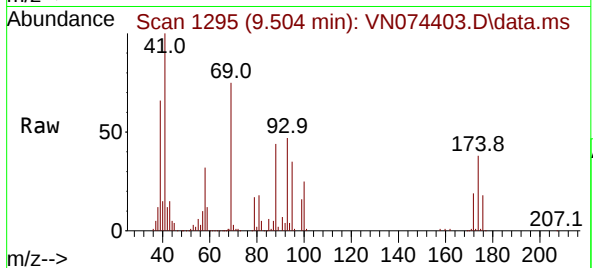
Tgt Ion: 41 Resp: 305538
Ion Ratio Lower Upper
41 100
69 82.0 67.6 101.4
39 69.7 58.2 87.4





#49
1,4-Dioxane
Concen: 951.363 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

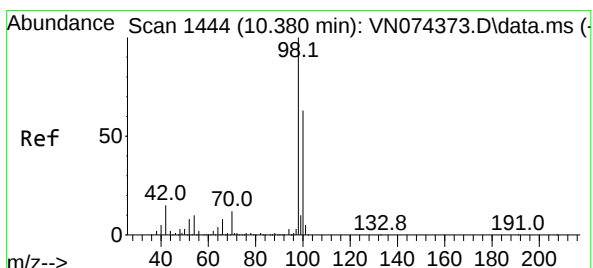
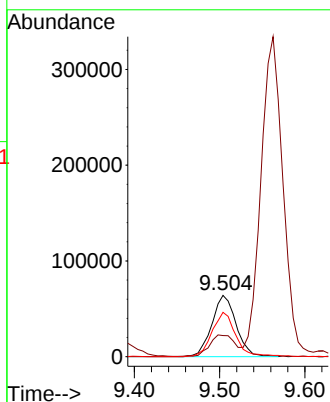
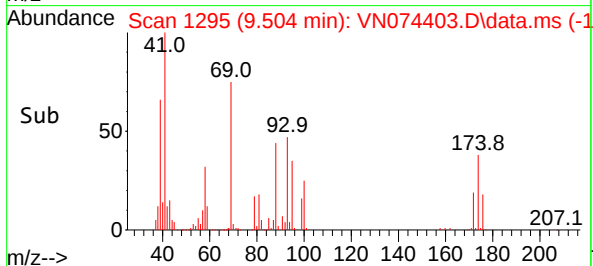
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 126300
Ion Ratio Lower Upper
88 100
43 37.9 26.9 40.3
58 71.1 52.7 79.1

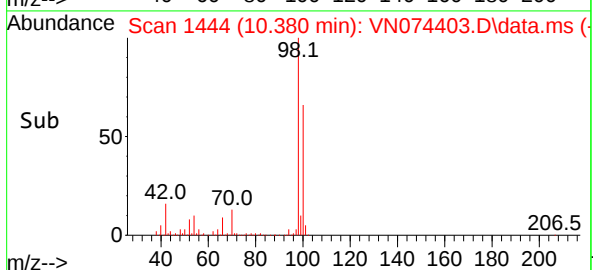
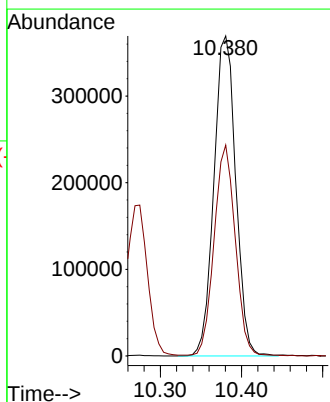
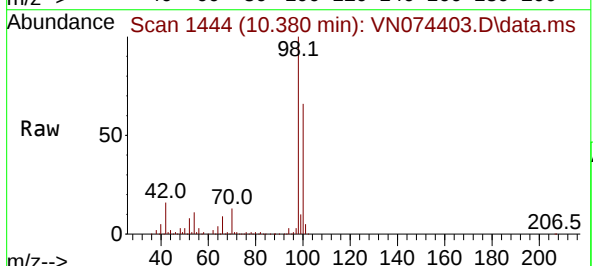
Manual Integrations
APPROVED

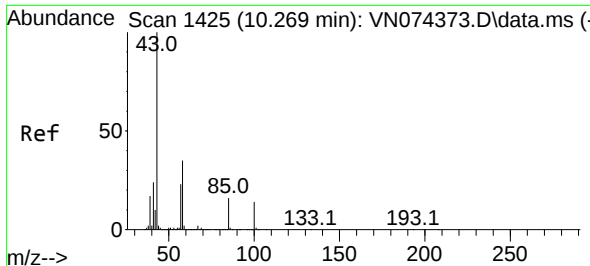
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#50
Toluene-d8
Concen: 48.455 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

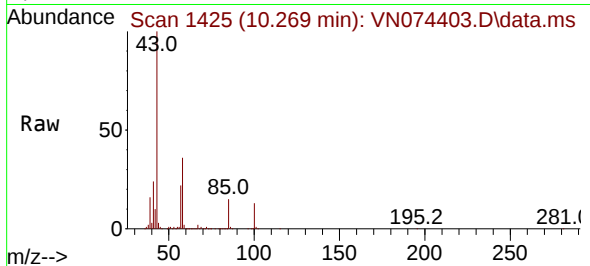
Tgt Ion: 98 Resp: 690576
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0





#51
4-Methyl-2-Pentanone
Concen: 257.590 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

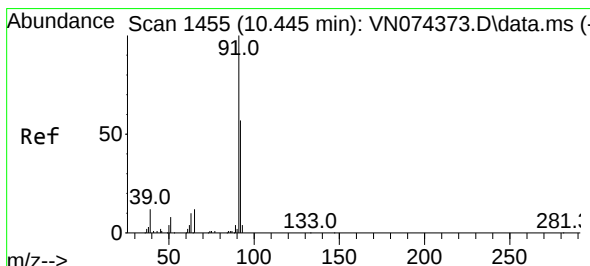
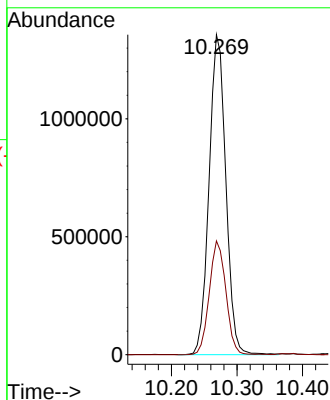
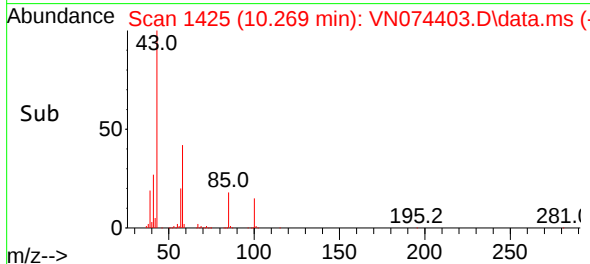
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



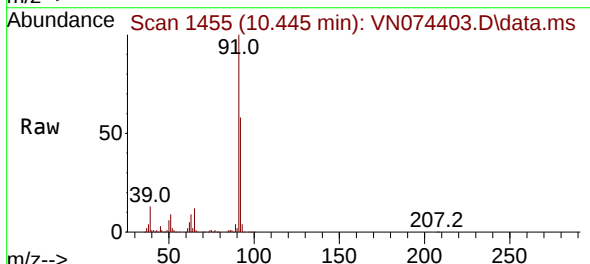
Tgt Ion: 43 Resp: 240809
Ion Ratio Lower Upper
43 100
58 35.1 29.0 43.6

Manual Integrations
APPROVED

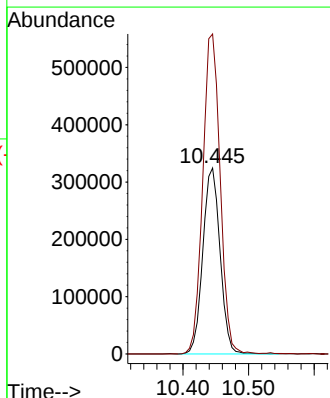
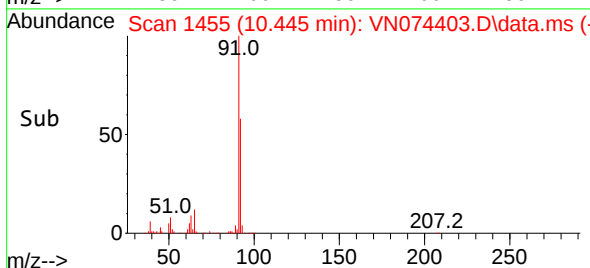
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

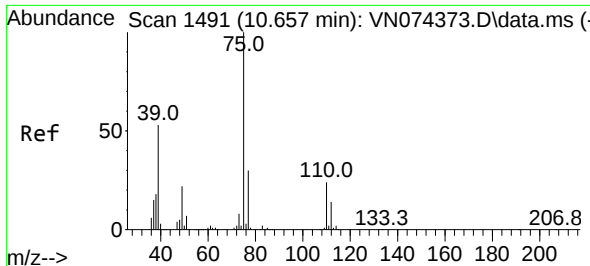


#52
Toluene
Concen: 51.979 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



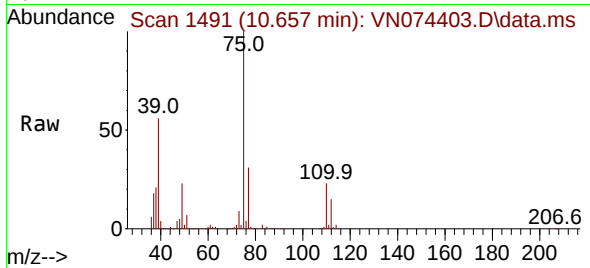
Tgt Ion: 92 Resp: 593062
Ion Ratio Lower Upper
92 100
91 174.0 139.8 209.6





#53
t-1,3-Dichloropropene
Concen: 52.290 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

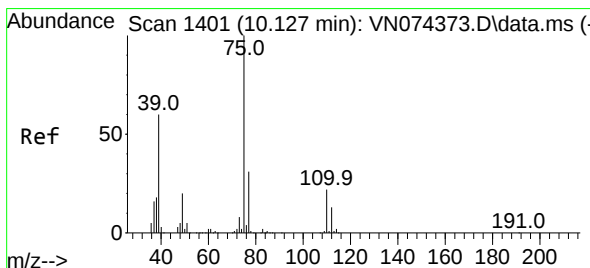
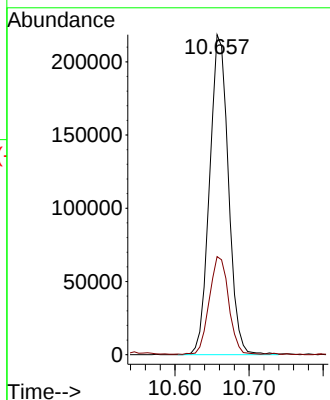
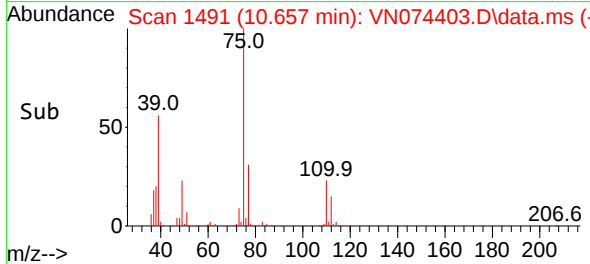
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



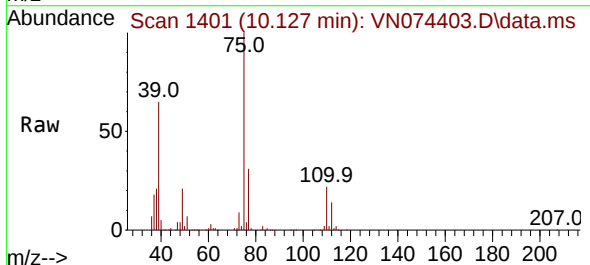
Tgt Ion: 75 Resp: 385572
Ion Ratio Lower Upper
75 100
77 30.5 23.9 35.9

Manual Integrations
APPROVED

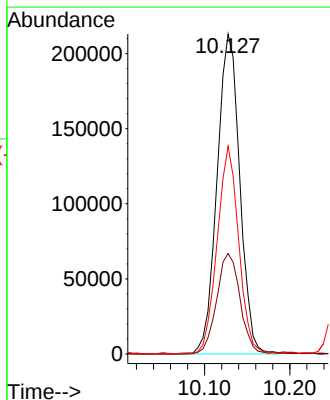
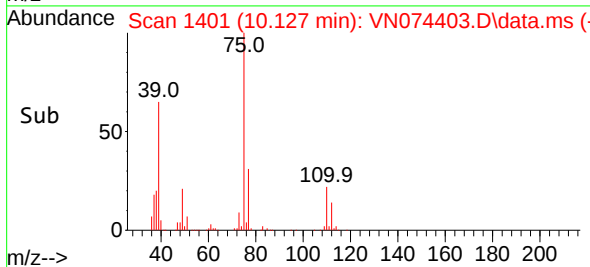
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

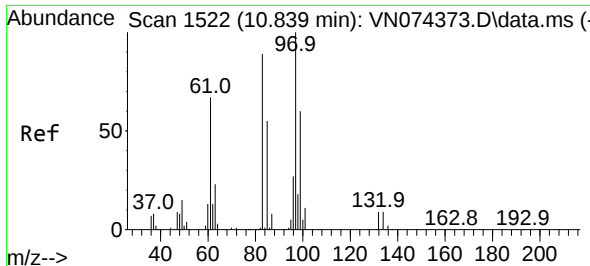


#54
cis-1,3-Dichloropropene
Concen: 50.200 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



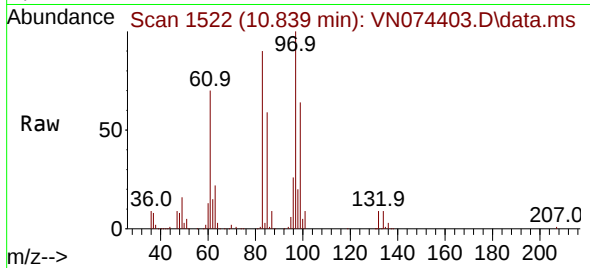
Tgt Ion: 75 Resp: 394614
Ion Ratio Lower Upper
75 100
77 31.4 24.5 36.7
39 64.7 48.0 72.0





#55
1,1,2-Trichloroethane
Concen: 49.774 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

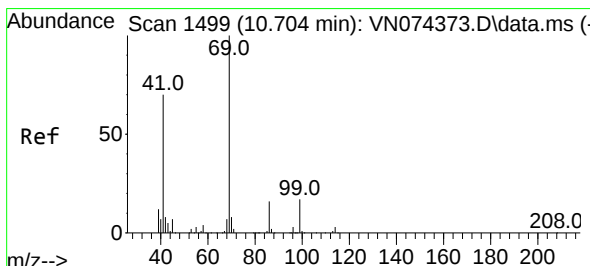
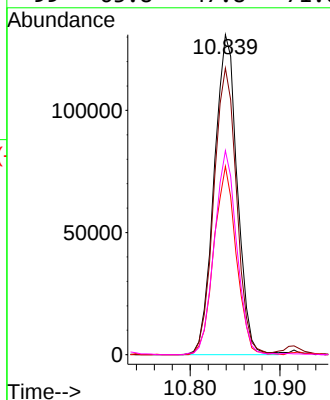
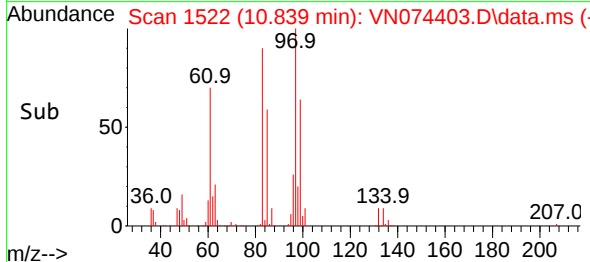
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



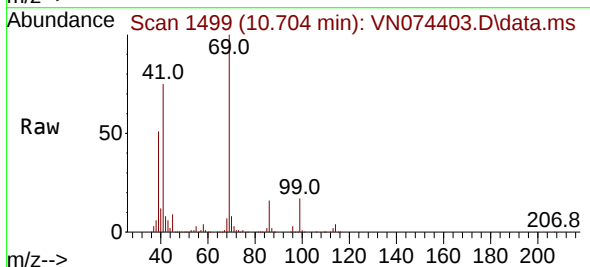
Tgt Ion:	97	Resp:	23409
Ion	Ratio	Lower	Upper
97	100		
83	89.5	70.8	106.2
85	58.9	44.1	66.1
99	63.8	47.8	71.6

Manual Integrations
APPROVED

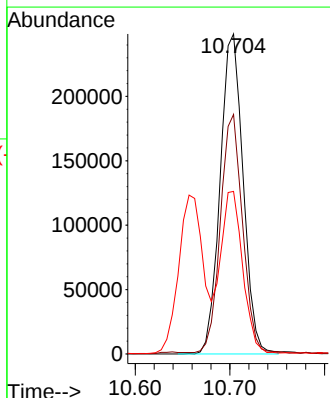
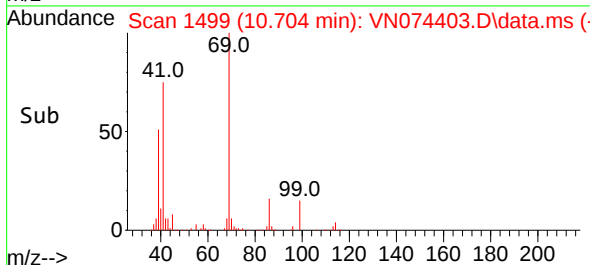
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

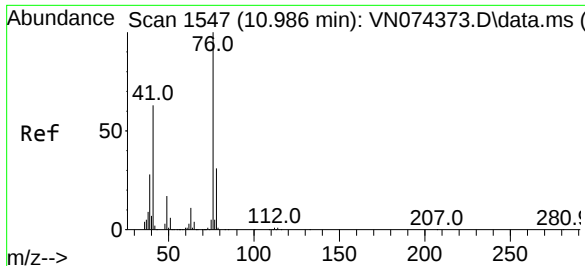


#56
Ethyl methacrylate
Concen: 52.327 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



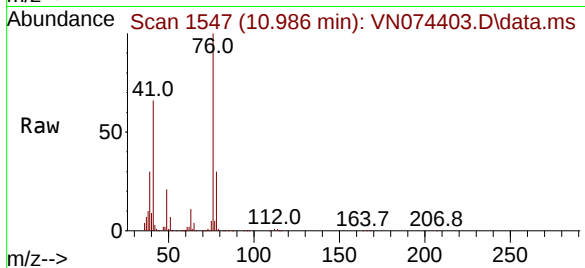
Tgt Ion:	69	Resp:	418152
Ion	Ratio	Lower	Upper
69	100		
41	72.2	56.6	85.0
39	49.1	37.4	56.2





#57
1,3-Dichloropropane
Concen: 51.300 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

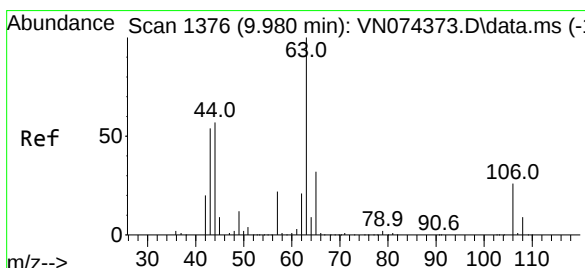
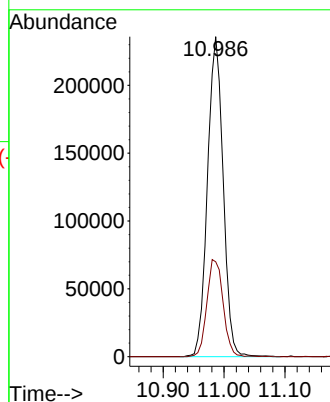
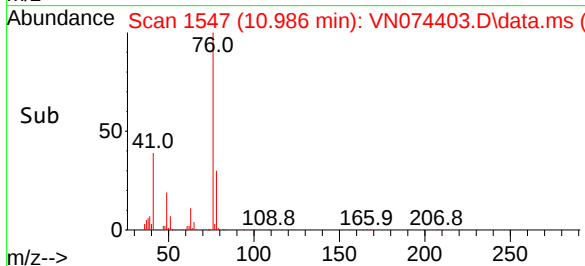
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



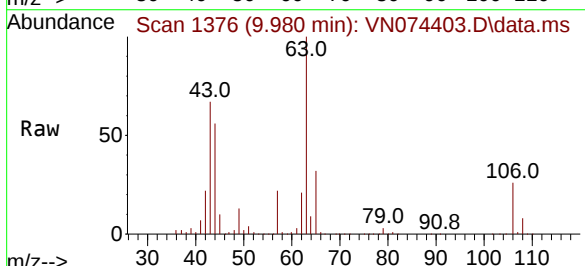
Tgt Ion: 76 Resp: 42172
Ion Ratio Lower Upper
76 100
78 31.5 25.0 37.4

Manual Integrations
APPROVED

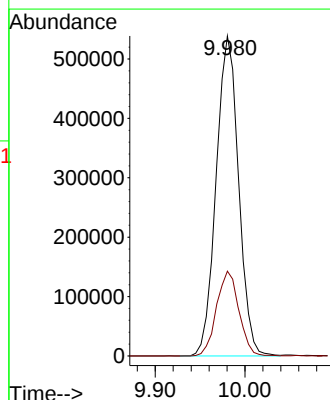
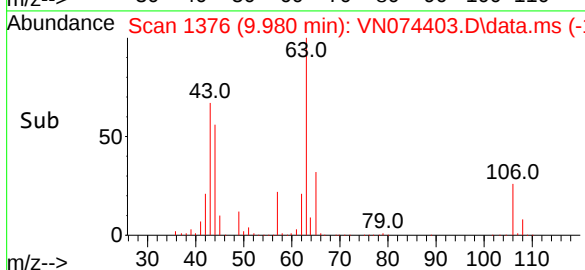
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

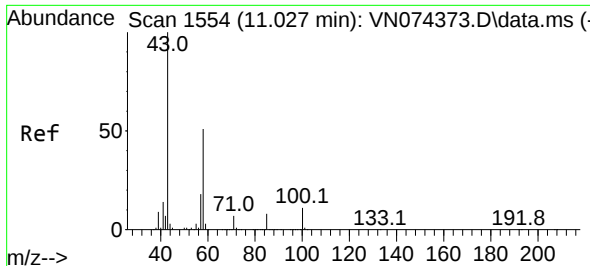


#58
2-Chloroethyl Vinyl ether
Concen: 251.800 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



Tgt Ion: 63 Resp: 936028
Ion Ratio Lower Upper
63 100
106 26.4 21.1 31.7





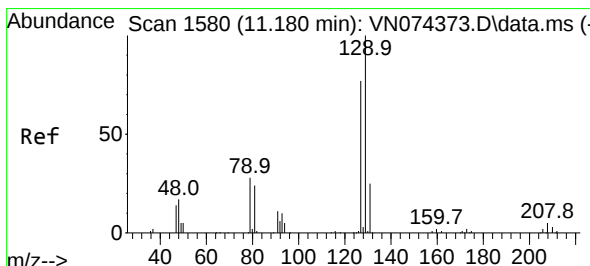
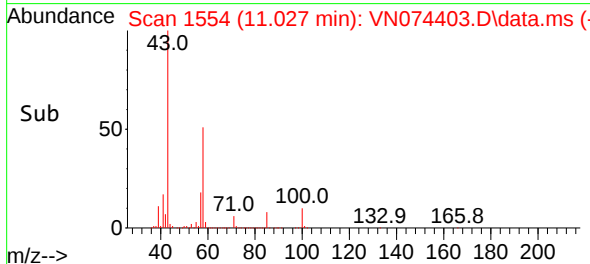
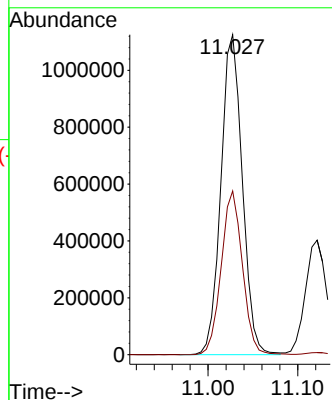
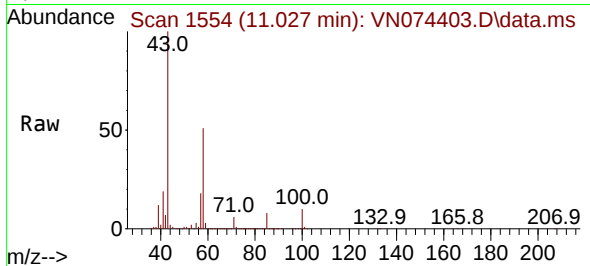
#59
2-Hexanone
Concen: 258.105 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1862035
Ion Ratio Lower Upper
43 100
58 50.7 25.8 77.3

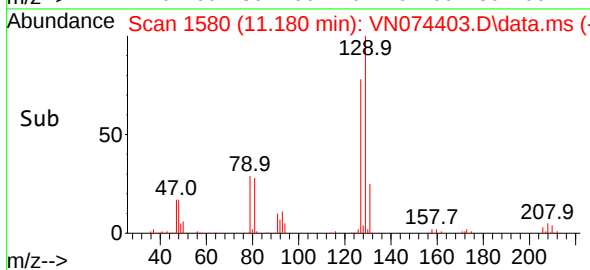
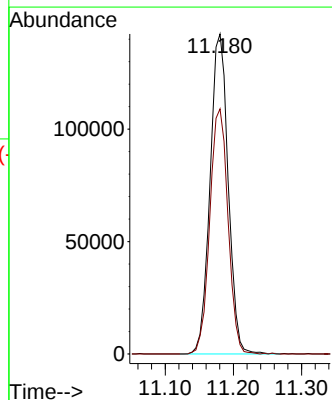
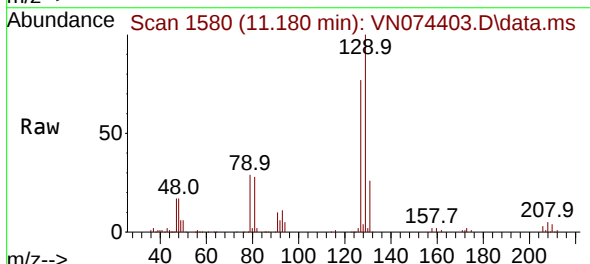
Manual Integrations
APPROVED

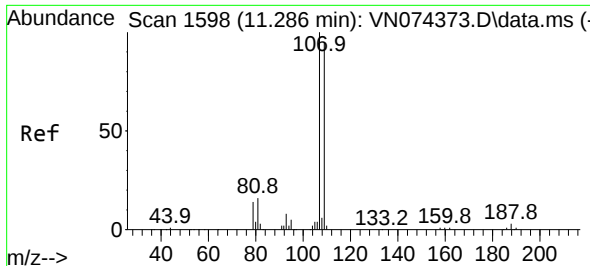
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#60
Dibromochloromethane
Concen: 55.310 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

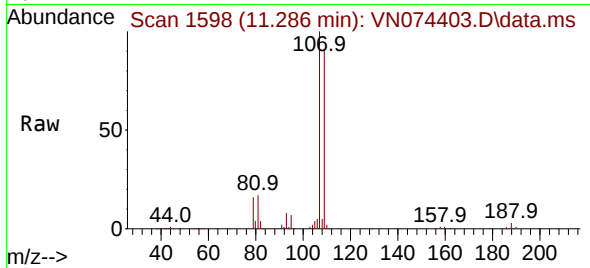
Tgt Ion:129 Resp: 263368
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3





#61
1,2-Dibromoethane
Concen: 51.704 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

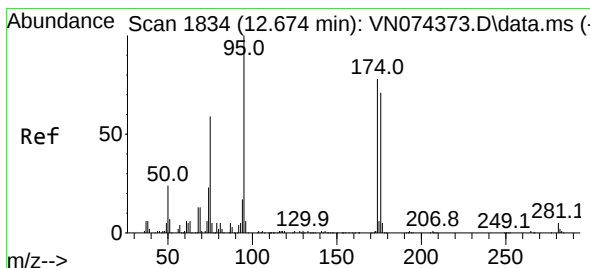
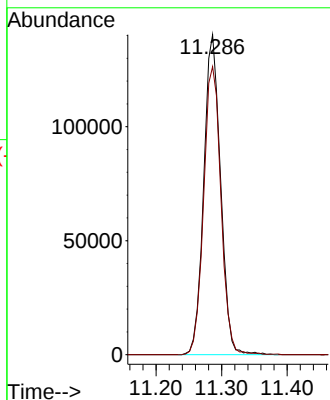
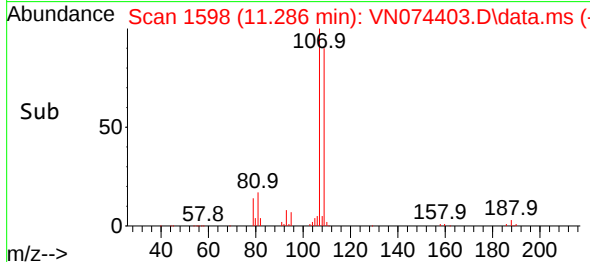
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



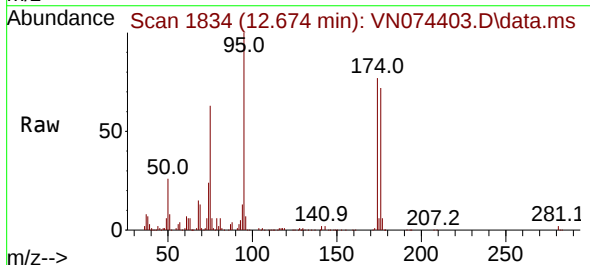
Tgt Ion:107 Resp: 250170
Ion Ratio Lower Upper
107 100
109 92.7 75.0 112.4

Manual Integrations
APPROVED

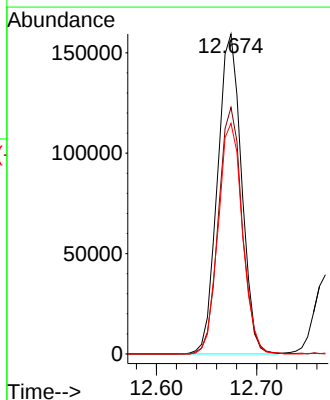
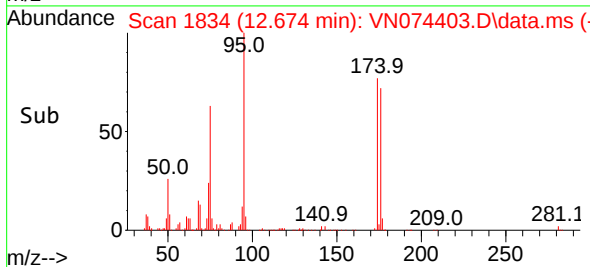
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

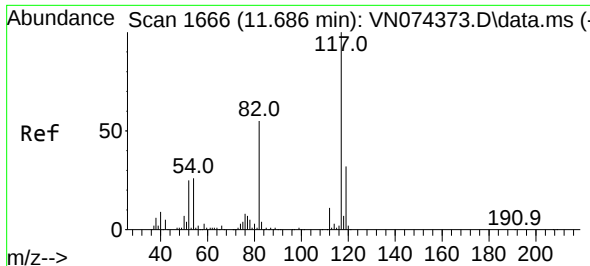


#62
4-Bromofluorobenzene
Concen: 51.107 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



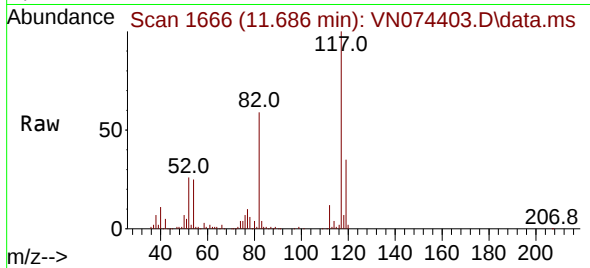
Tgt Ion: 95 Resp: 264445
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.6
176 72.8 0.0 143.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

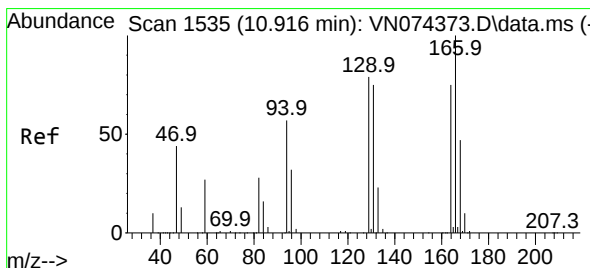
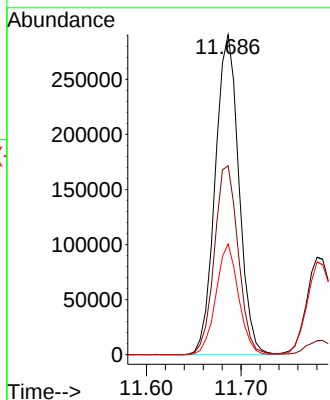
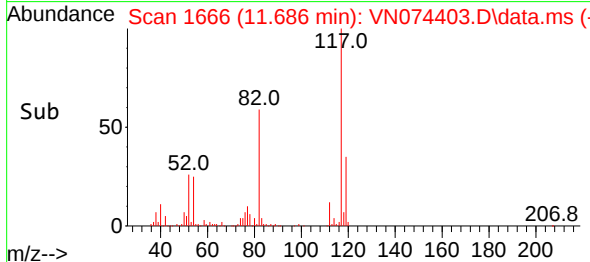
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



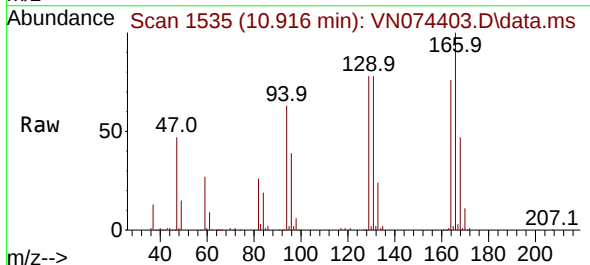
Tgt Ion:117 Resp: 505289
Ion Ratio Lower Upper
117 100
82 59.1 44.3 66.5
119 34.6 25.5 38.3

Manual Integrations
APPROVED

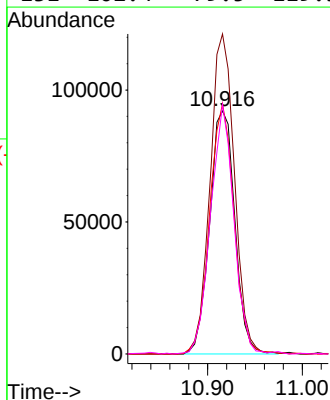
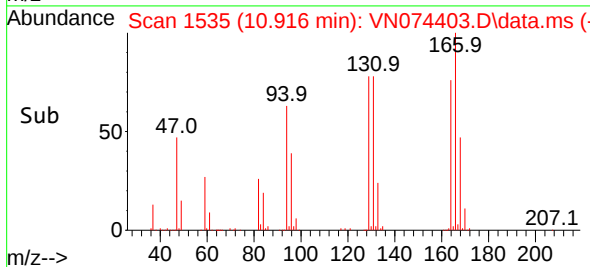
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

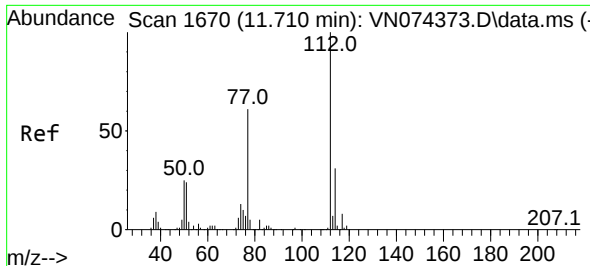


#64
Tetrachloroethene
Concen: 49.481 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



Tgt Ion:164 Resp: 169493
Ion Ratio Lower Upper
164 100
166 131.7 106.6 160.0
129 103.1 84.0 126.0
131 102.4 79.5 119.3





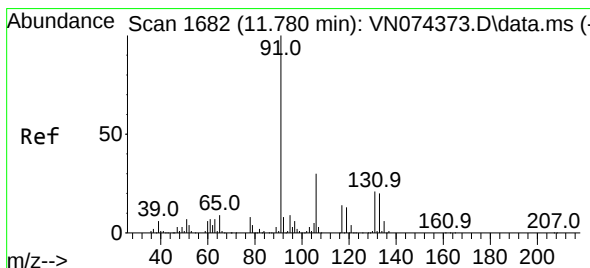
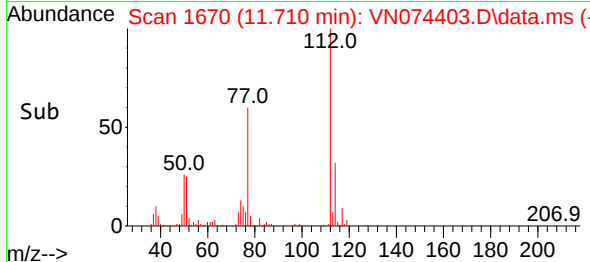
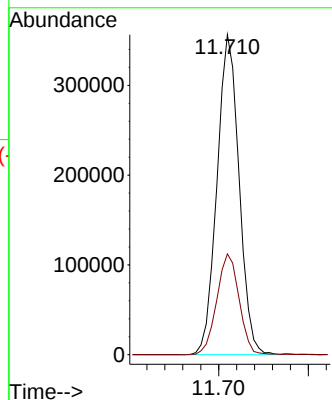
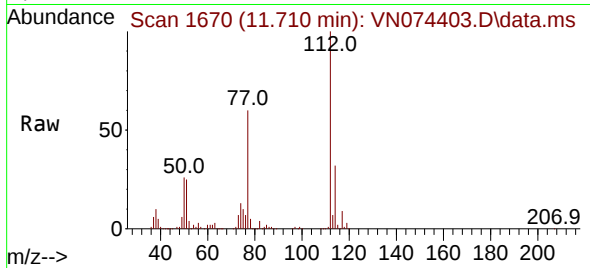
#65
Chlorobenzene
Concen: 49.925 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 608280
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7

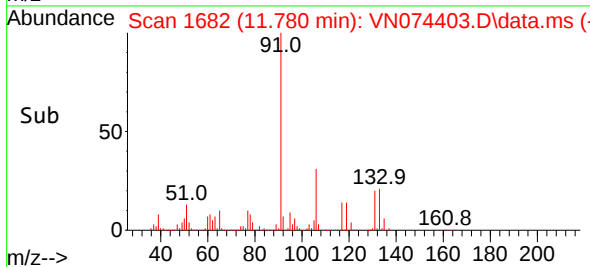
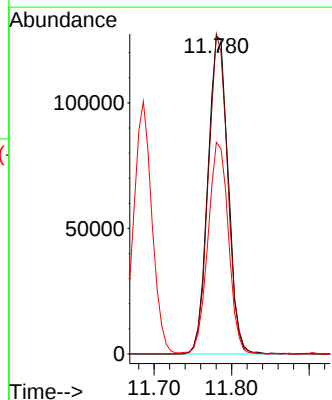
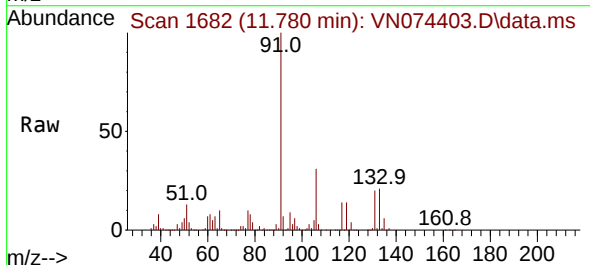
Manual Integrations
APPROVED

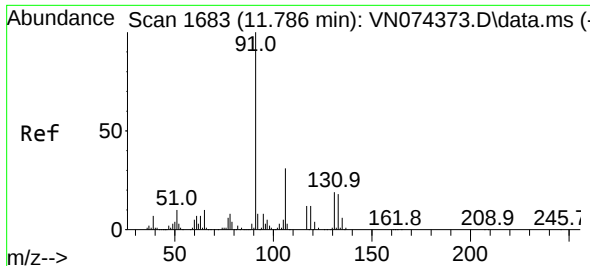
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 48.080 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

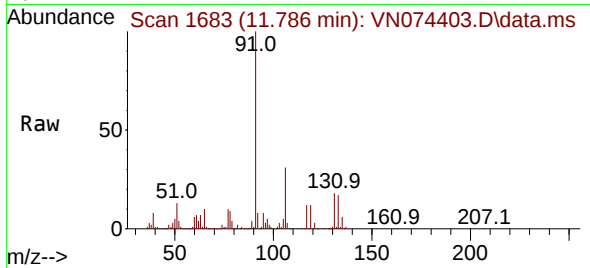
Tgt Ion:131 Resp: 228829
Ion Ratio Lower Upper
131 100
133 97.2 47.3 141.8
119 67.6 33.0 98.9





#67
Ethyl Benzene
Concen: 50.964 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

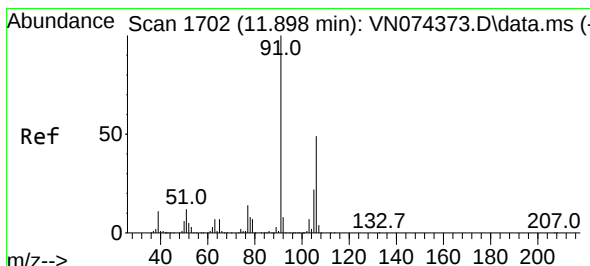
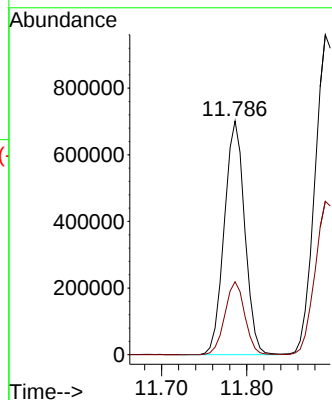
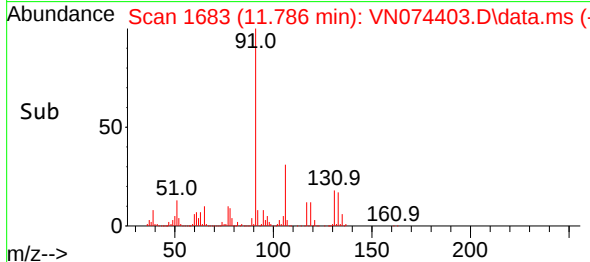
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1172830
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7

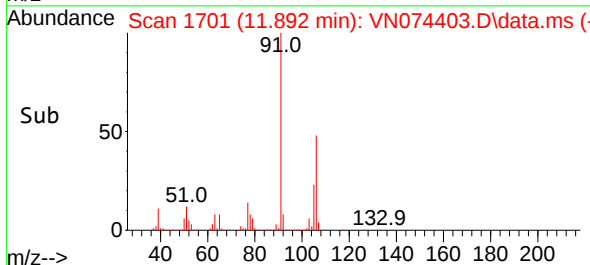
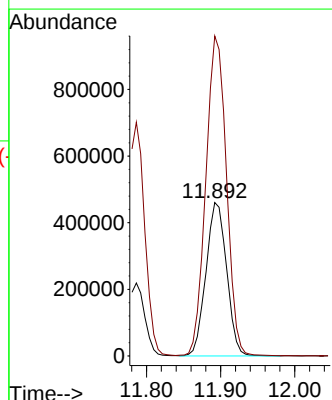
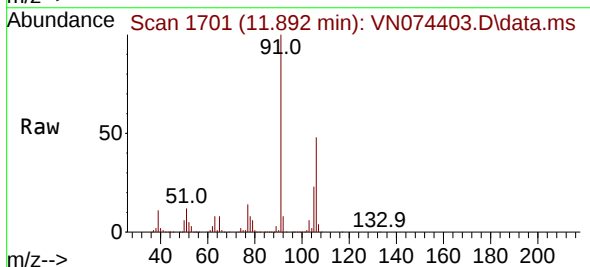
Manual Integrations
APPROVED

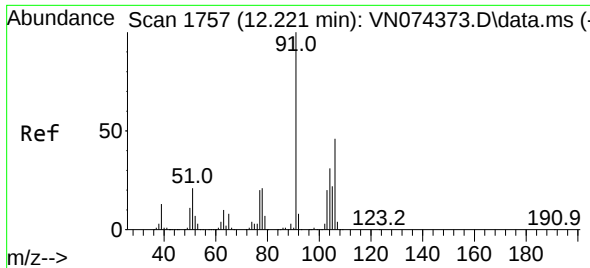
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#68
m/p-Xylenes
Concen: 103.037 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

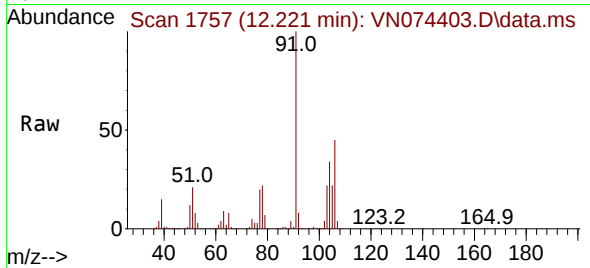
Tgt Ion:106 Resp: 891400
Ion Ratio Lower Upper
106 100
91 208.2 167.7 251.5





#69
o-Xylene
Concen: 51.318 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

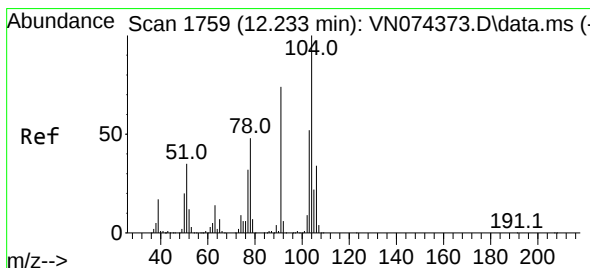
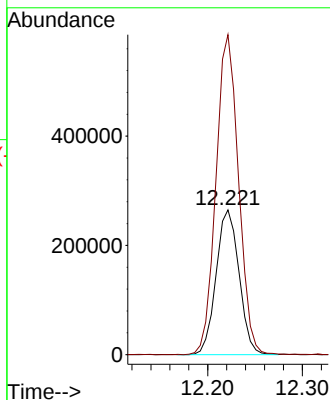
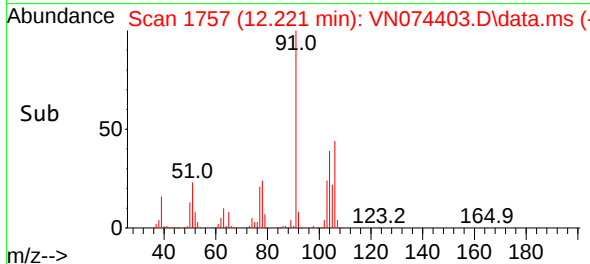
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



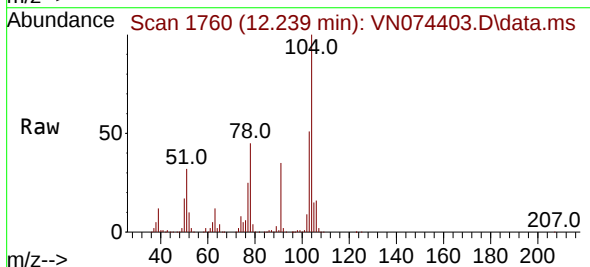
Tgt Ion:106 Resp: 446270
Ion Ratio Lower Upper
106 100
91 218.0 109.4 328.2

Manual Integrations
APPROVED

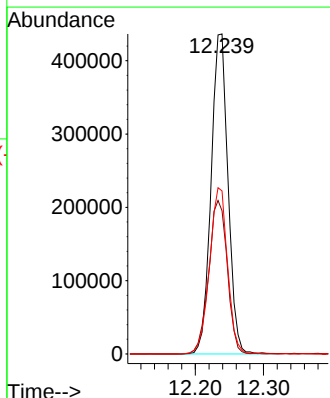
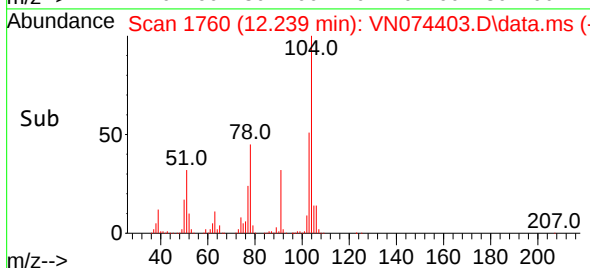
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

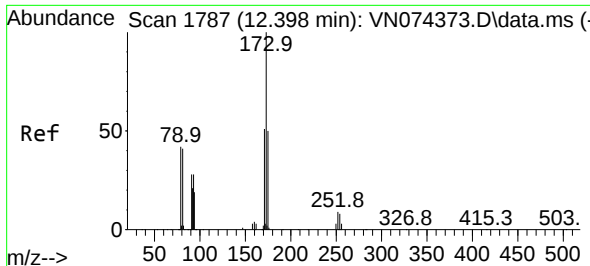


#70
Styrene
Concen: 54.606 ug/l
RT: 12.239 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



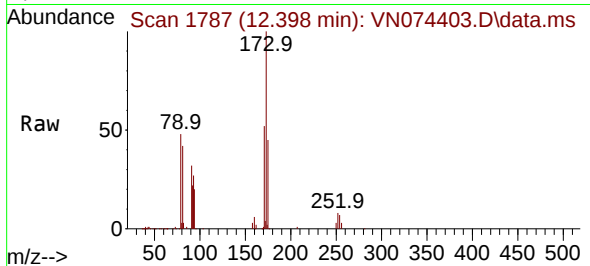
Tgt Ion:104 Resp: 754959
Ion Ratio Lower Upper
104 100
78 52.5 41.8 62.6
103 55.3 43.4 65.2





#71
Bromoform
Concen: 55.988 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

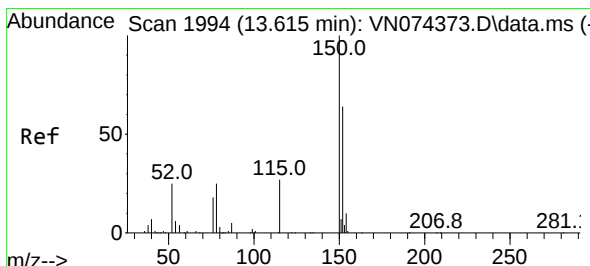
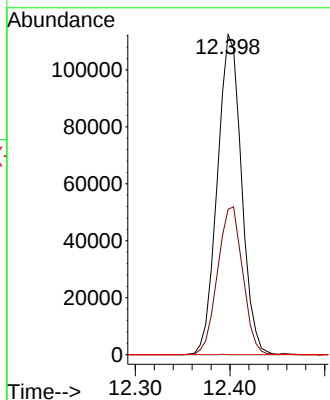
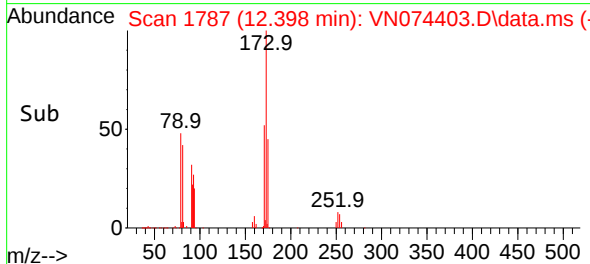
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



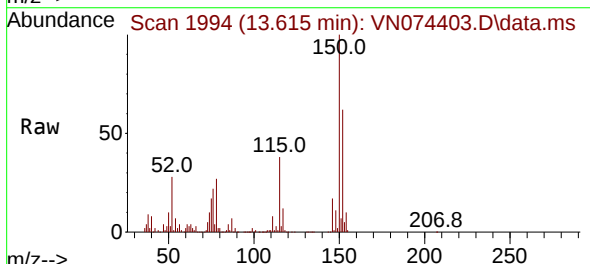
Tgt Ion:173 Resp: 199588
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

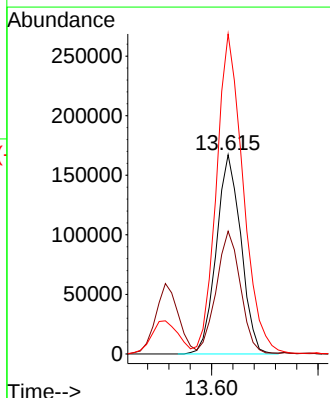
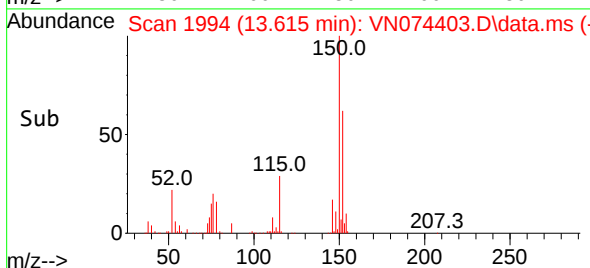
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

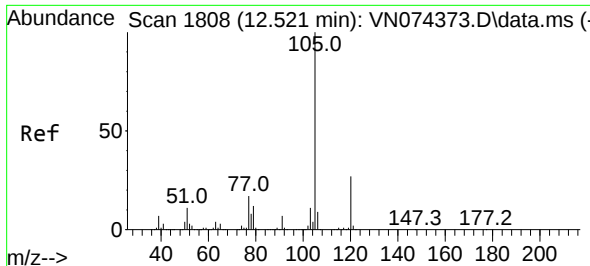


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



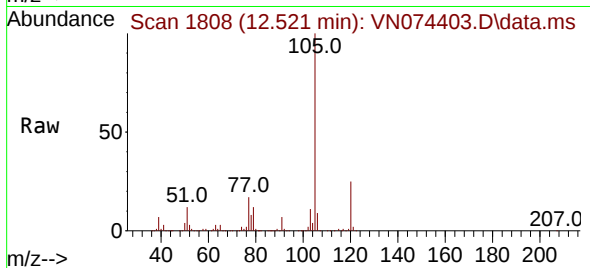
Tgt Ion:152 Resp: 267756
Ion Ratio Lower Upper
152 100
115 59.9 32.0 96.0
150 174.0 0.0 359.6





#73
Isopropylbenzene
Concen: 46.167 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

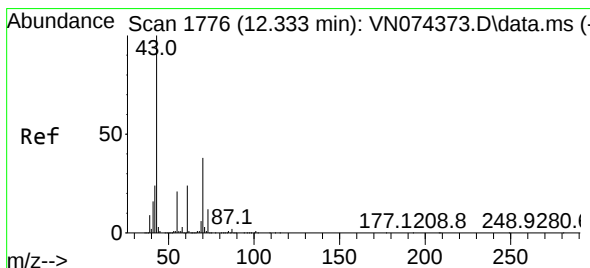
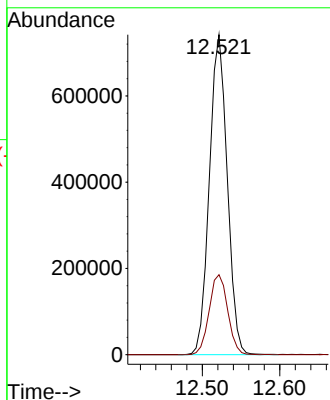
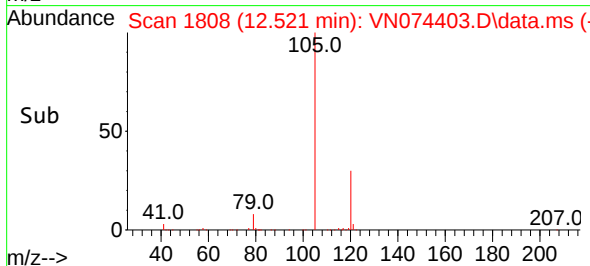
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



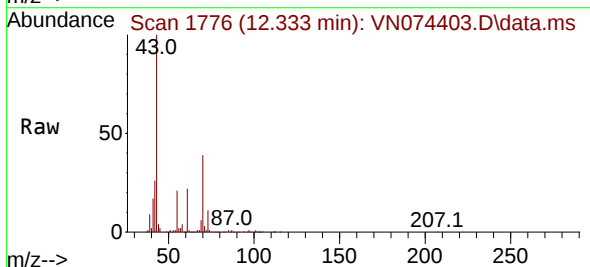
Tgt Ion:105 Resp: 1187634
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

Manual Integrations
APPROVED

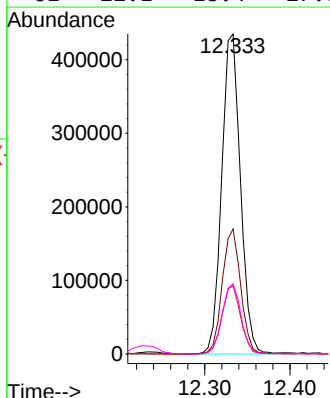
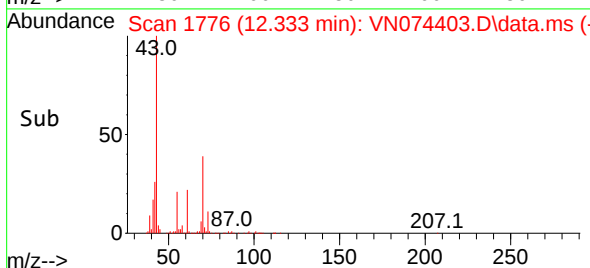
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

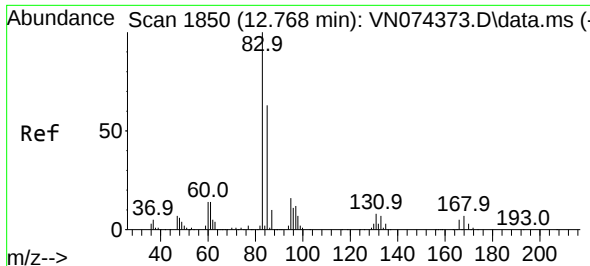


#74
N-ethyl acetate
Concen: 50.785 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



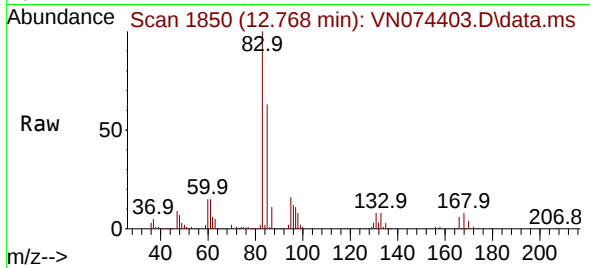
Tgt Ion: 43 Resp: 664540
Ion Ratio Lower Upper
43 100
70 38.4 31.4 47.0
55 21.4 17.0 25.6
61 22.1 18.4 27.6





#75
1,1,2,2-Tetrachloroethane
Concen: 43.845 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

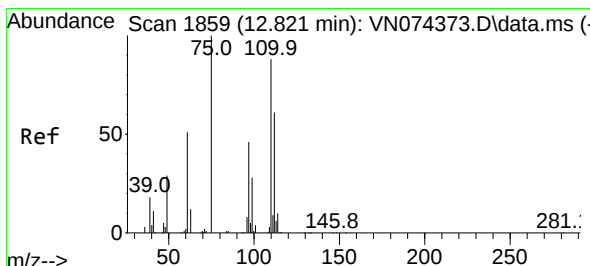
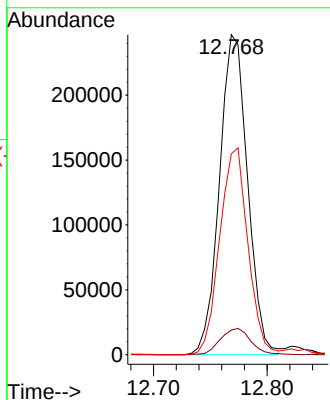
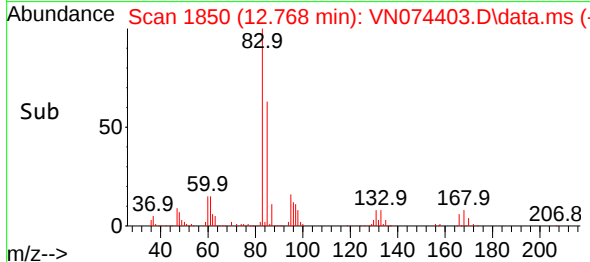
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



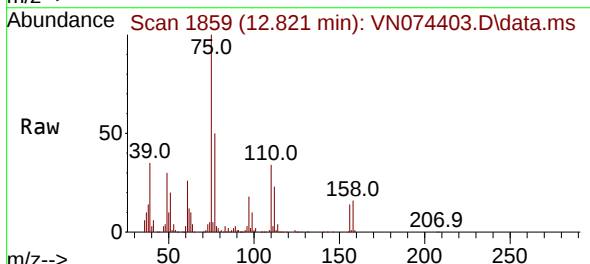
Tgt Ion: 83 Resp: 423870
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.7
85 64.8 32.3 96.8

Manual Integrations
APPROVED

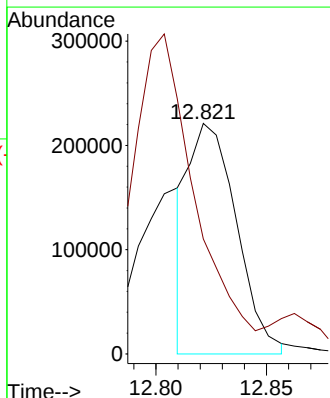
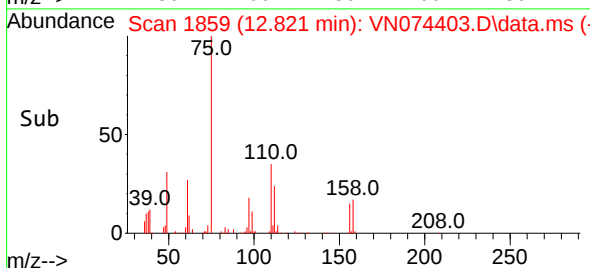
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

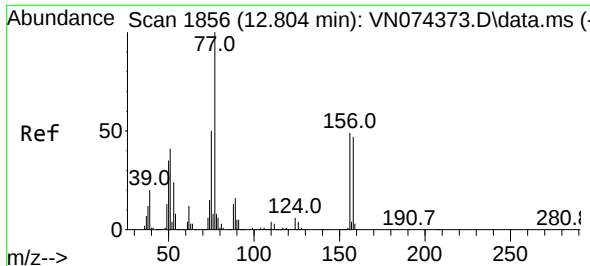


#76
1,2,3-Trichloropropane
Concen: 47.574 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



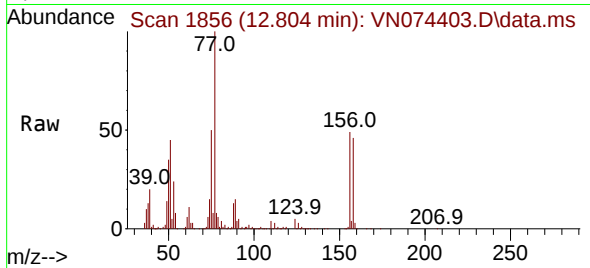
Tgt Ion: 75 Resp: 332999
Ion Ratio Lower Upper
75 100
77 184.2 78.9 236.7





#77
Bromobenzene
Concen: 45.288 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

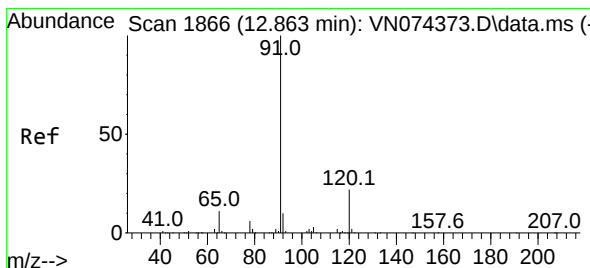
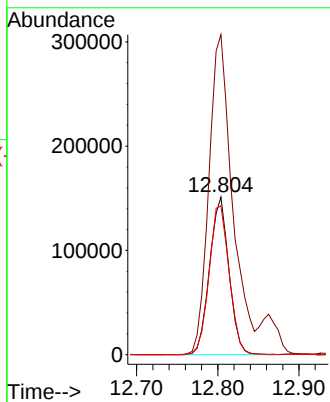
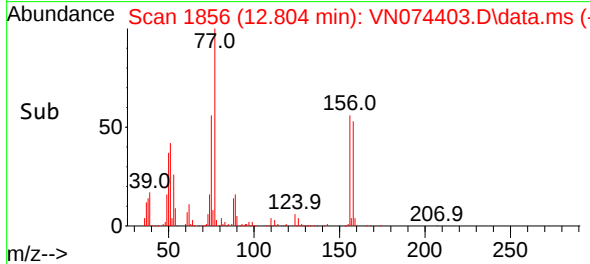
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 156 Resp: 250108
Ion Ratio Lower Upper
156 100
77 245.2 124.4 373.1
158 98.4 49.2 147.6

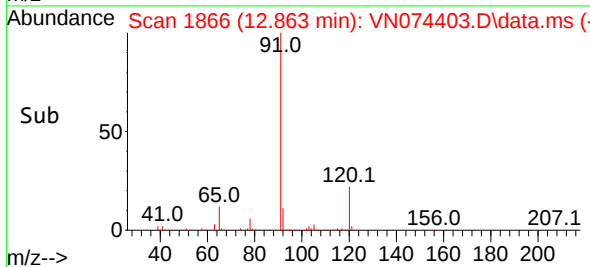
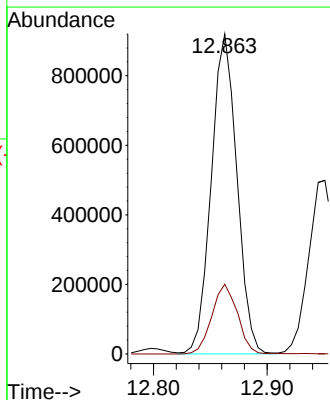
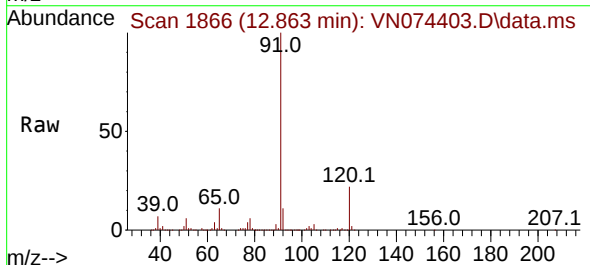
Manual Integrations
APPROVED

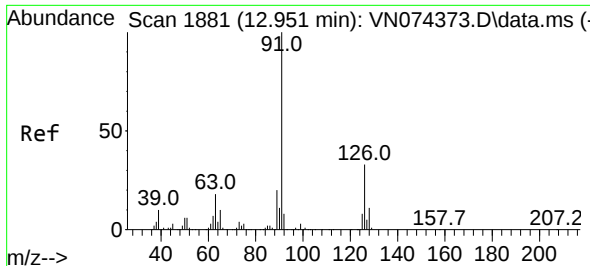
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#78
n-propylbenzene
Concen: 48.978 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

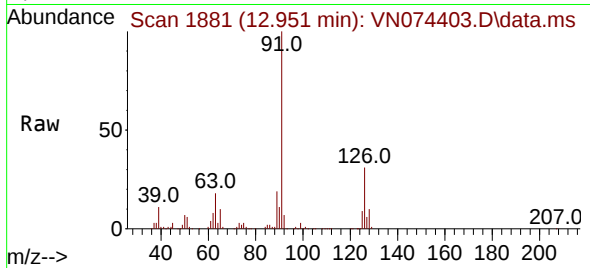
Tgt Ion: 91 Resp: 1443421
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.1





#79
2-Chlorotoluene
Concen: 46.872 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

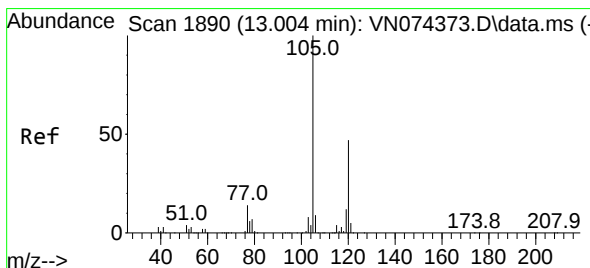
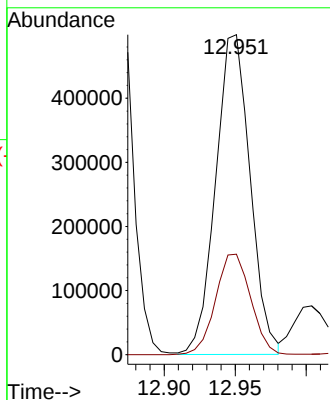
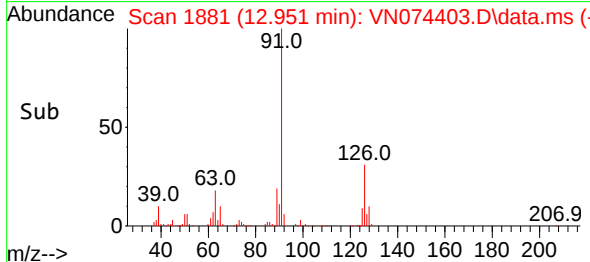
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



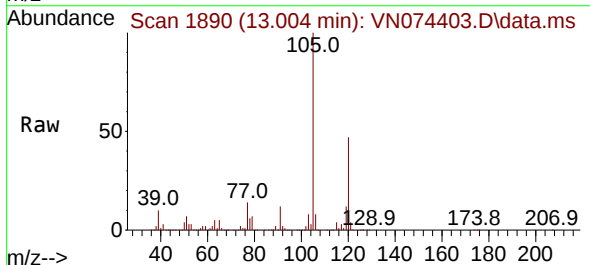
Tgt Ion: 91 Resp: 842190
Ion Ratio Lower Upper
91 100
126 32.2 16.2 48.5

Manual Integrations
APPROVED

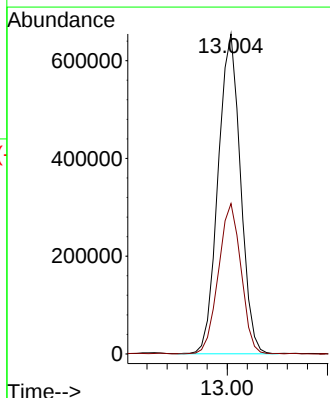
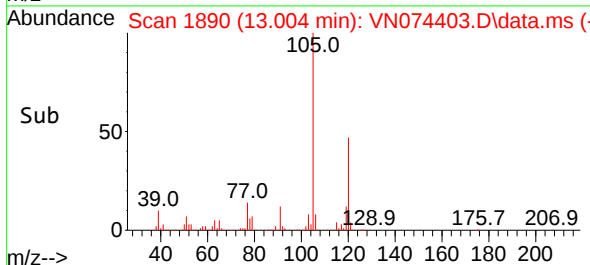
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

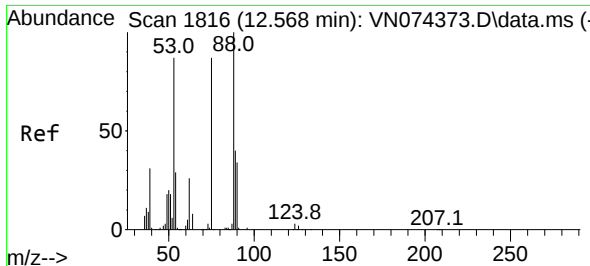


#80
1,3,5-Trimethylbenzene
Concen: 47.501 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



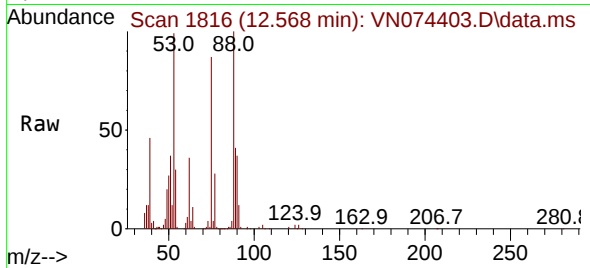
Tgt Ion:105 Resp: 1013792
Ion Ratio Lower Upper
105 100
120 47.2 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 47.639 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

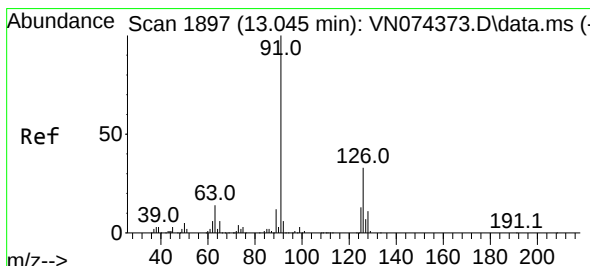
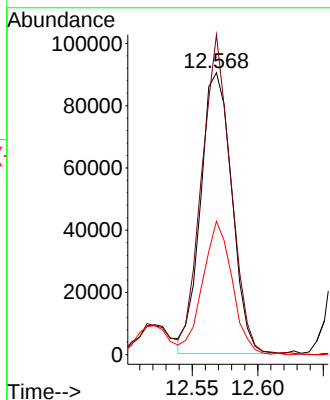
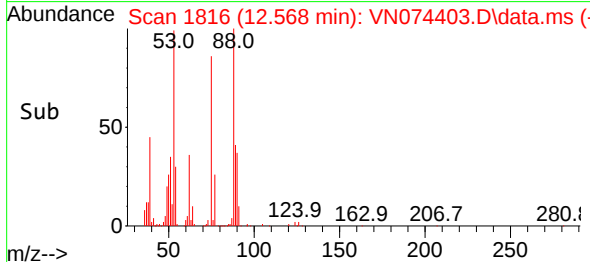
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 149599
Ion Ratio Lower Upper
75 100
53 107.0 82.2 123.2
89 45.0 37.7 56.5

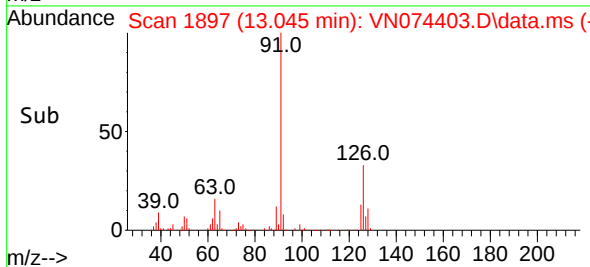
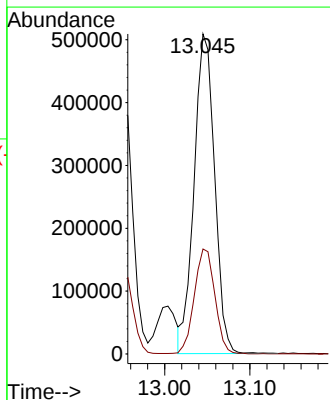
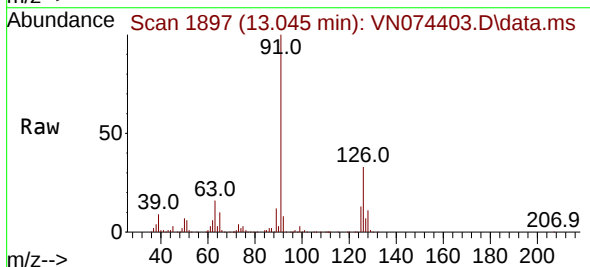
Manual Integrations
APPROVED

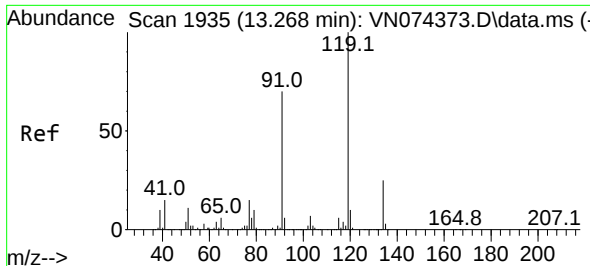
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#82
4-Chlorotoluene
Concen: 49.094 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

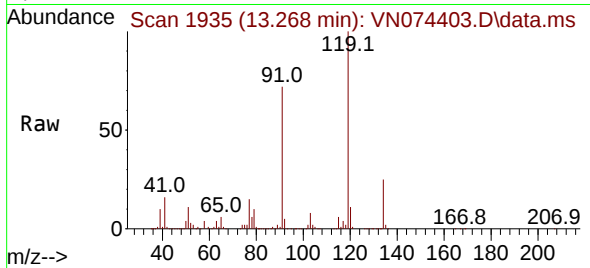
Tgt Ion: 91 Resp: 851115
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.1





#83
tert-Butylbenzene
Concen: 46.080 ug/l
RT: 13.268 min Scan# 1935
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

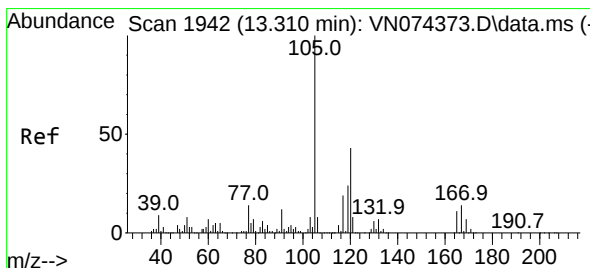
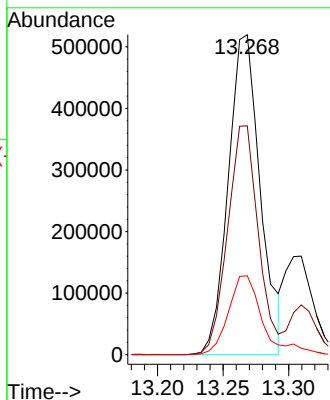
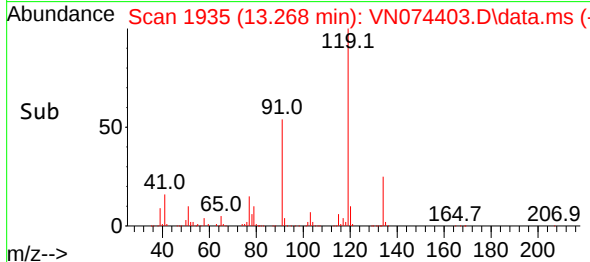
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



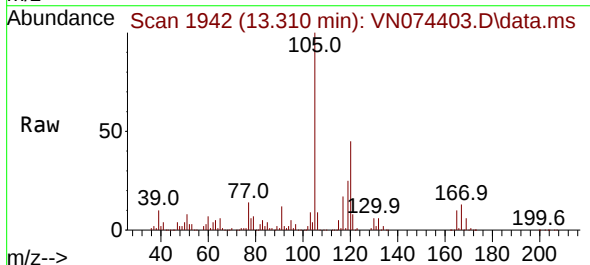
Tgt Ion:119 Resp: 885414
Ion Ratio Lower Upper
119 100
91 68.5 33.8 101.3
134 26.3 13.1 39.3

Manual Integrations
APPROVED

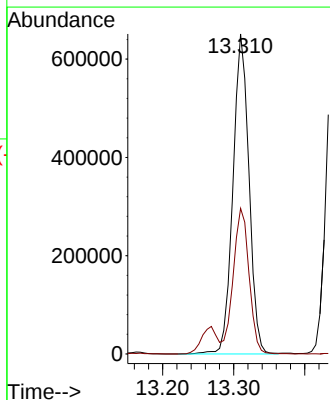
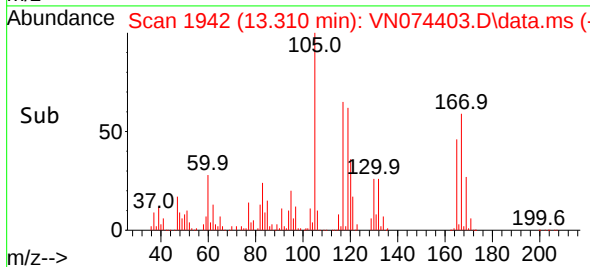
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

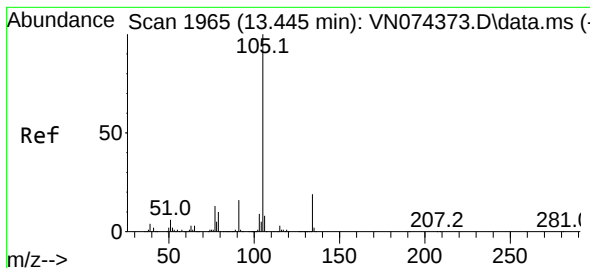


#84
1,2,4-Trimethylbenzene
Concen: 48.311 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



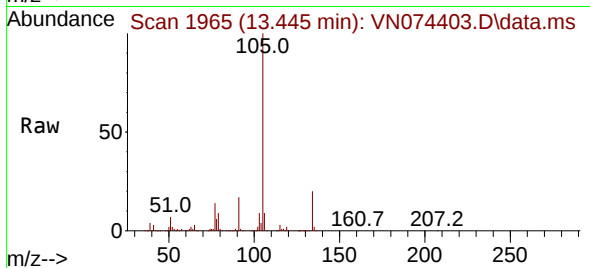
Tgt Ion:105 Resp: 1021968
Ion Ratio Lower Upper
105 100
120 45.2 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 48.750 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074403.D
 Acq: 12 Sep 2022 10:30

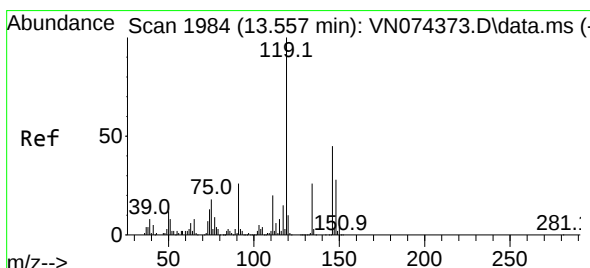
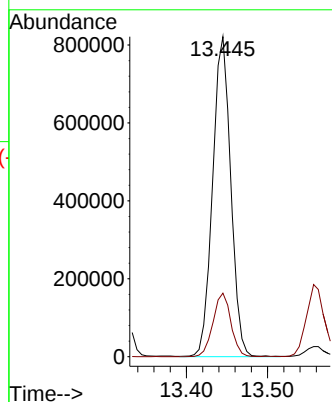
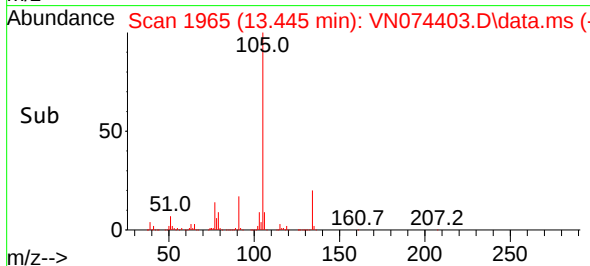
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



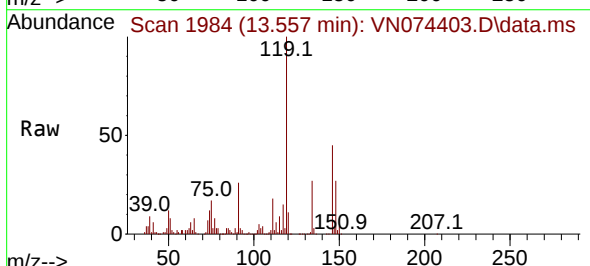
Tgt Ion:105 Resp: 1274729
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9

Manual Integrations
 APPROVED

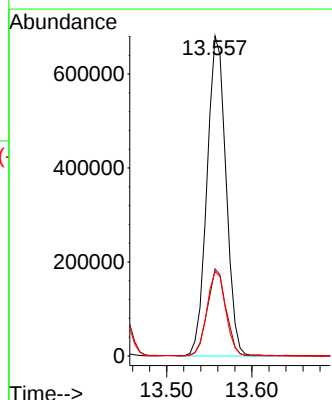
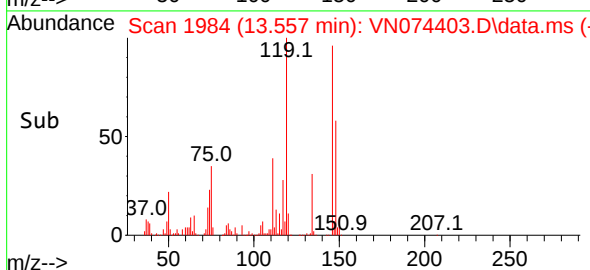
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

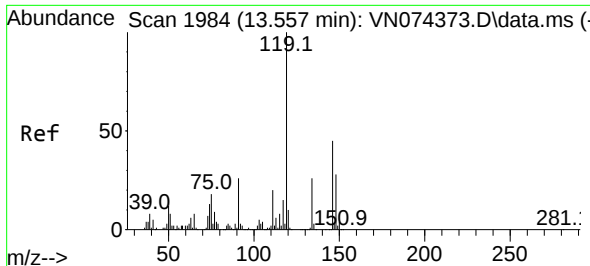


#86
 p-Isopropyltoluene
 Concen: 50.386 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074403.D
 Acq: 12 Sep 2022 10:30



Tgt Ion:119 Resp: 1054574
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 38.9
 91 25.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.956 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN074403.D

Acq: 12 Sep 2022 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 499860

Ion Ratio Lower Upper

146 100

111 41.4 21.5 64.5

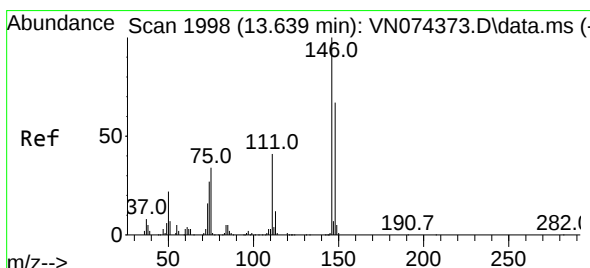
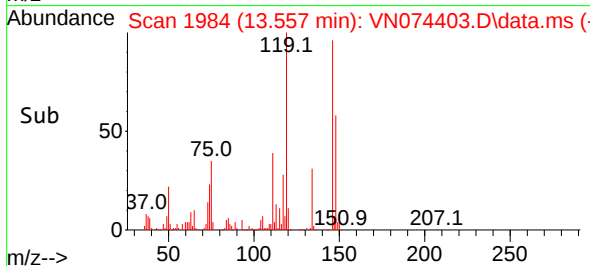
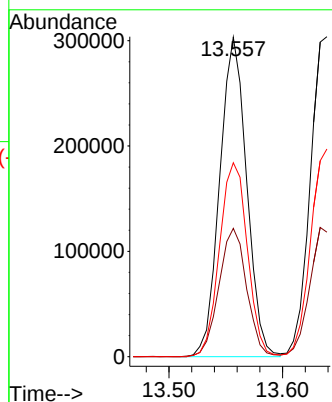
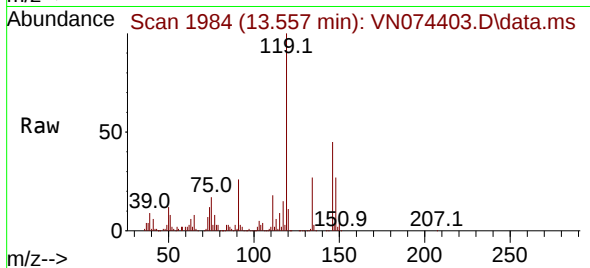
148 62.9 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#88

1,4-Dichlorobenzene

Concen: 48.665 ug/l

RT: 13.639 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN074403.D

Acq: 12 Sep 2022 10:30

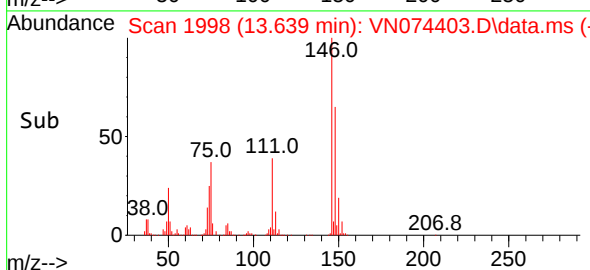
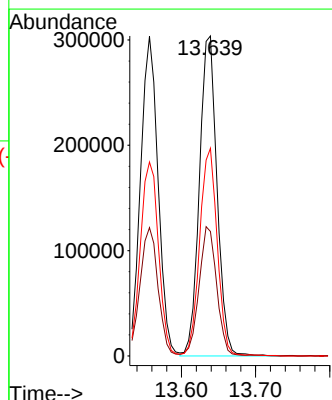
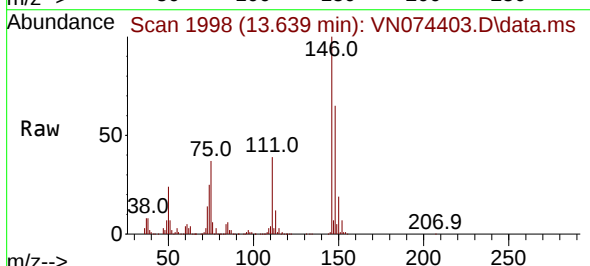
Tgt Ion:146 Resp: 501964

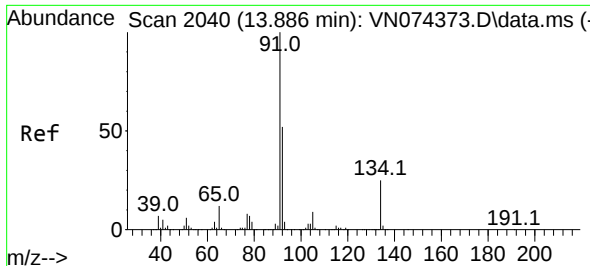
Ion Ratio Lower Upper

146 100

111 40.0 20.8 62.2

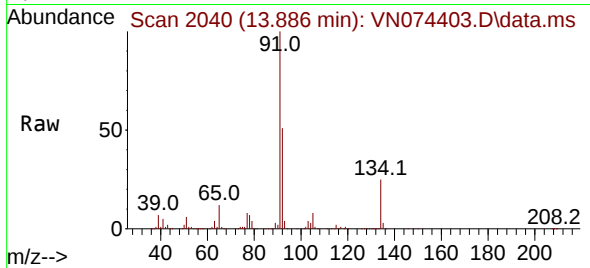
148 64.8 32.1 96.5





#89
n-Butylbenzene
Concen: 52.548 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

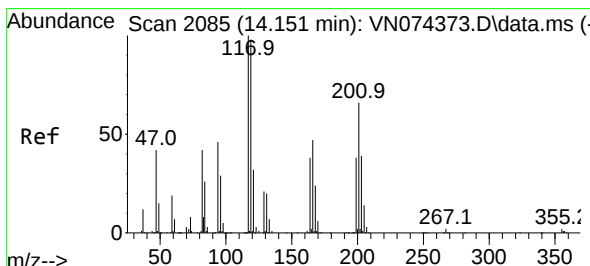
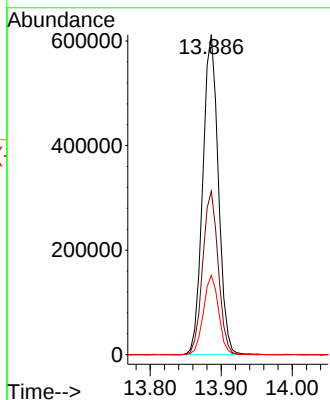
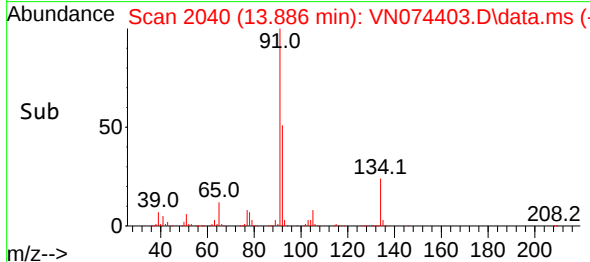
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 935894
Ion Ratio Lower Upper
91 100
92 50.9 25.8 77.4
134 24.1 12.4 37.0

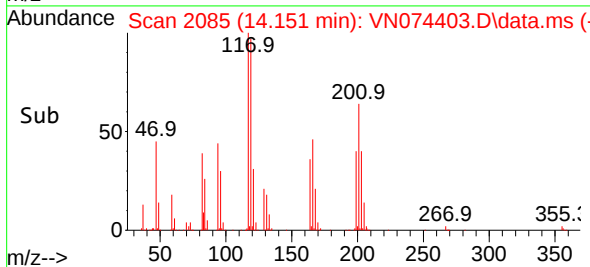
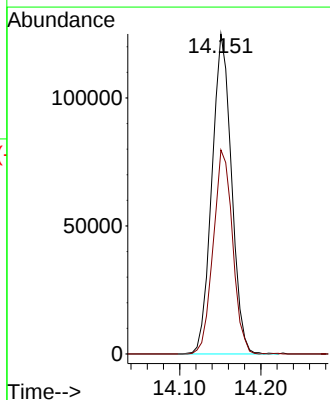
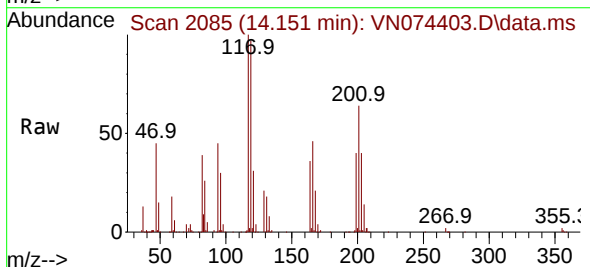
Manual Integrations
APPROVED

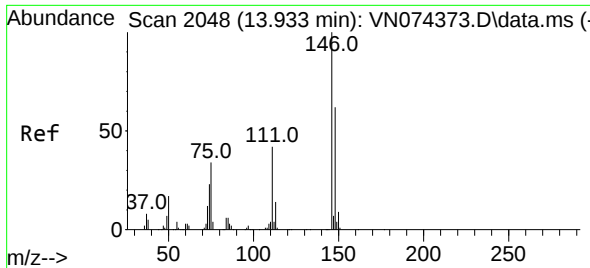
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#90
Hexachloroethane
Concen: 47.405 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

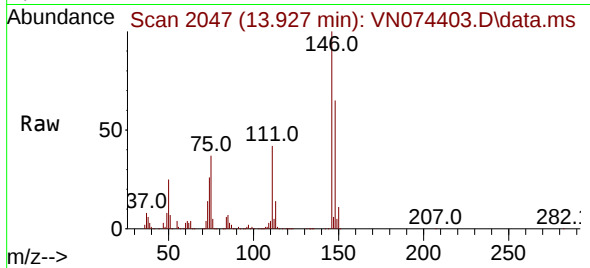
Tgt Ion:117 Resp: 209605
Ion Ratio Lower Upper
117 100
201 63.1 32.6 98.0





#91
1,2-Dichlorobenzene
Concen: 47.063 ug/l
RT: 13.927 min Scan# 2048
Delta R.T. -0.006 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

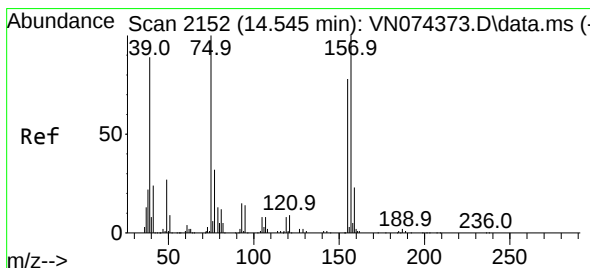
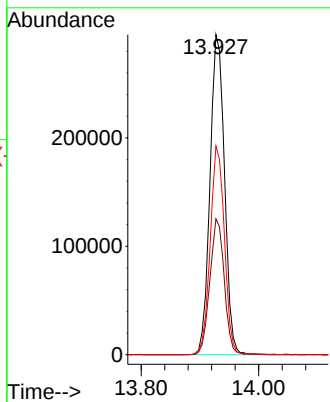
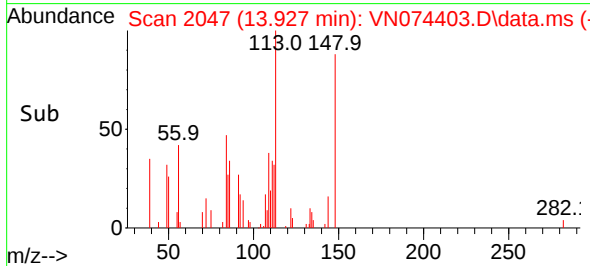
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



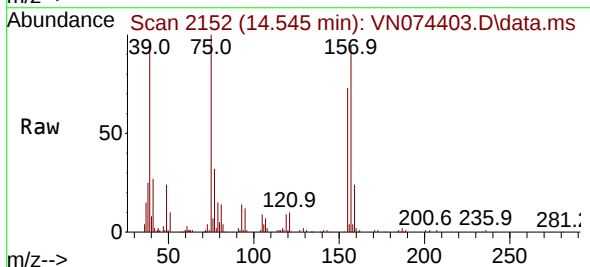
Tgt Ion:146 Resp: 50535
Ion Ratio Lower Upper
146 100
111 42.1 21.9 65.7
148 63.8 31.4 94.2

Manual Integrations
APPROVED

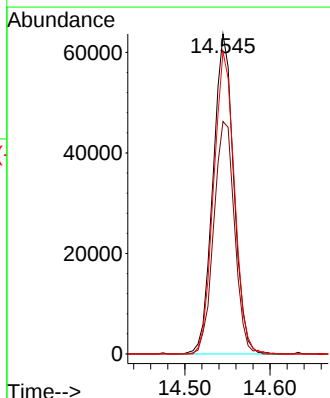
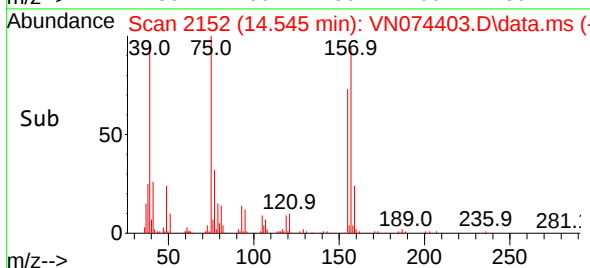
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

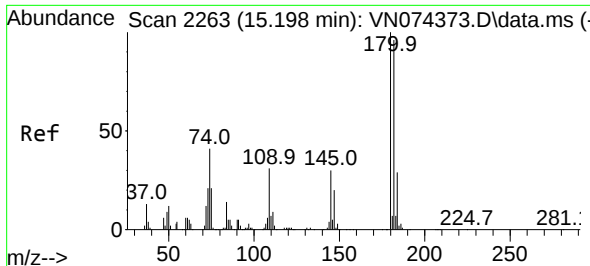


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.309 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



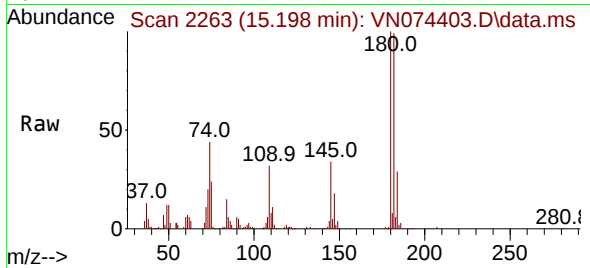
Tgt Ion: 75 Resp: 107633
Ion Ratio Lower Upper
75 100
155 72.9 36.6 109.9
157 94.5 46.2 138.5





#93
1,2,4-Trichlorobenzene
Concen: 49.262 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

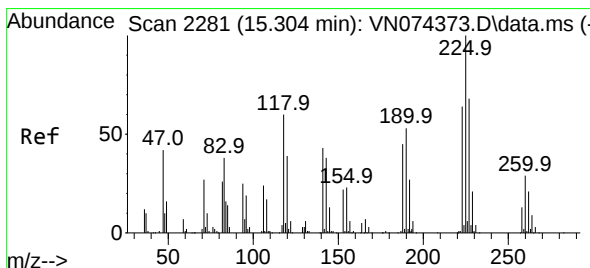
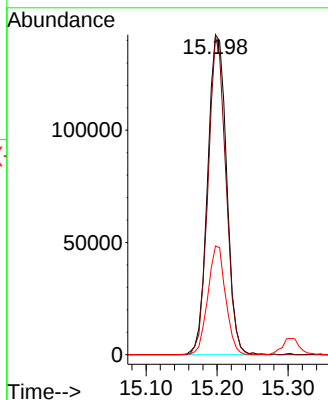
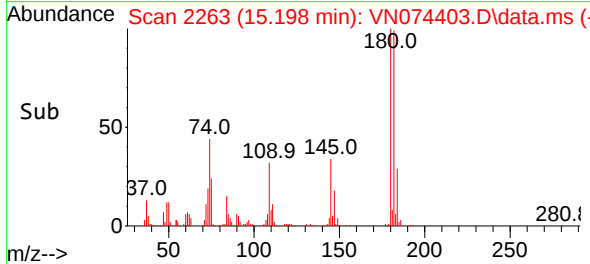
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



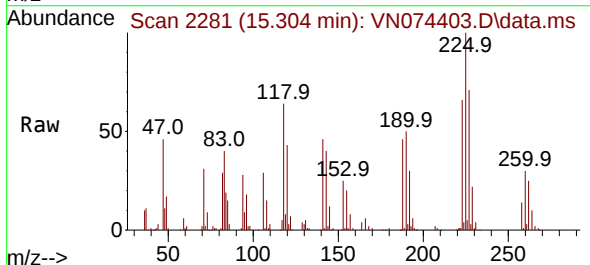
Tgt Ion:180 Resp: 263598
Ion Ratio Lower Upper
180 100
182 93.6 47.4 142.2
145 32.0 16.1 48.2

Manual Integrations
APPROVED

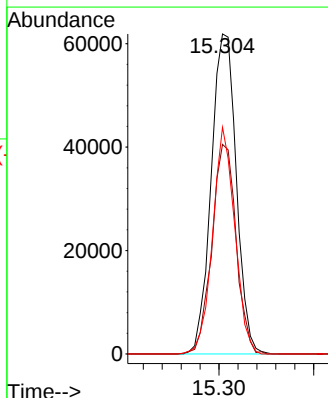
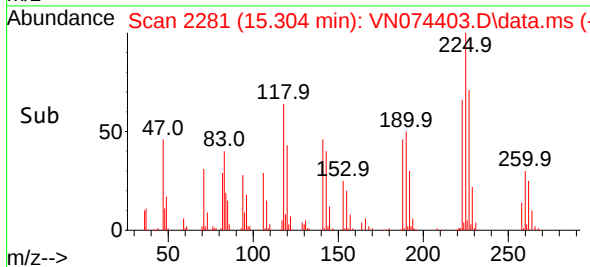
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

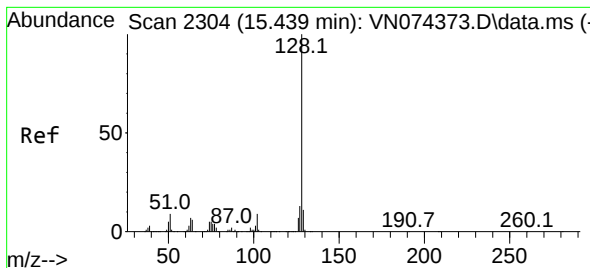


#94
Hexachlorobutadiene
Concen: 46.964 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



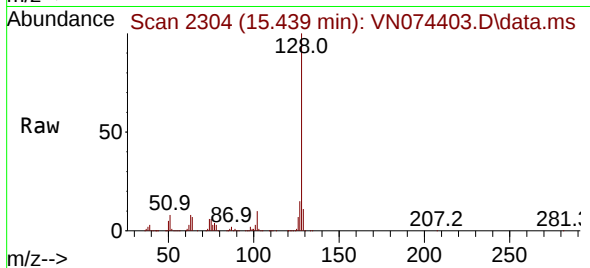
Tgt Ion:225 Resp: 113899
Ion Ratio Lower Upper
225 100
223 63.1 31.6 94.8
227 62.7 31.8 95.4





#95
Naphthalene
Concen: 48.140 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30

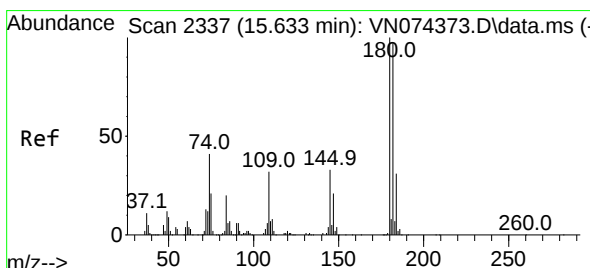
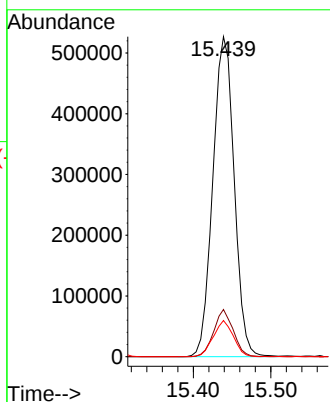
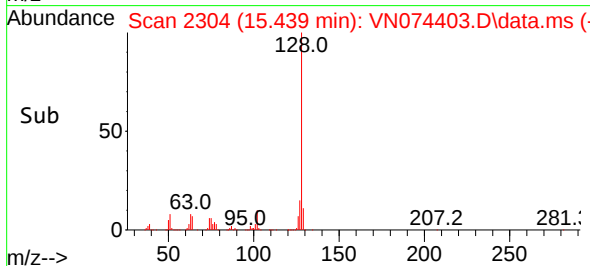
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



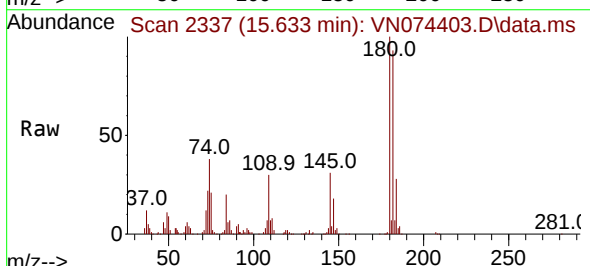
Tgt Ion:128 Resp: 1007775
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 47.888 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VN074403.D
Acq: 12 Sep 2022 10:30



Tgt Ion:180 Resp: 265168
Ion Ratio Lower Upper
180 100
182 92.9 47.6 142.8
145 33.1 17.3 52.0

