

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100322\
 Data File : VN074711.D
 Acq On : 03 Oct 2022 15:37
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 04 05:31:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 05:26:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.934	168	236674	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.828	114	422903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	484373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.545	152	342645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.287	65	639475	107.525	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 215.060%#			
35) Dibromofluoromethane	7.863	113	467562	102.844	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 205.680%#			
50) Toluene-d8	10.310	98	2082472	111.440	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 222.880%#			
62) 4-Bromofluorobenzene	12.604	95	681970	124.956	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 249.920%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.999	85	495098	101.371	ug/l	98
3) Chloromethane	2.216	50	693362	82.134	ug/l	97
4) Vinyl Chloride	2.352	62	1331104	93.981	ug/l	96
5) Bromomethane	2.716	94	1006782	91.279	ug/l	99
6) Chloroethane	2.875	64	1026037	93.215	ug/l	97
7) Trichlorofluoromethane	3.234	101	724812	95.038	ug/l	94
8) Diethyl Ether	3.675	74	318161	94.818	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.040	101	412562	96.150	ug/l	90
10) Methyl Iodide	4.246	142	545406	104.668	ug/l	92
11) Tert butyl alcohol	5.181	59	699175	539.518	ug/l	99
12) 1,1-Dichloroethene	4.022	96	410250	96.342	ug/l	94
13) Acrolein	3.887	56	249909	418.742	ug/l	100
14) Allyl chloride	4.652	41	924943	105.776	ug/l #	91
15) Acrylonitrile	5.363	53	1942501	525.717	ug/l	99
16) Acetone	4.122	43	1517304	467.180	ug/l	98
17) Carbon Disulfide	4.352	76	1237934	99.191	ug/l	98
18) Methyl Acetate	4.669	43	1093564	101.430	ug/l	91
19) Methyl tert-butyl Ether	5.416	73	1838421	108.518	ug/l	100
20) Methylene Chloride	4.893	84	534037	90.295	ug/l #	82
21) trans-1,2-Dichloroethene	5.399	96	492168	106.668	ug/l	91
22) Diisopropyl ether	6.304	45	2136982	110.894	ug/l	95
23) Vinyl Acetate	6.240	43	9232293	631.107	ug/l #	91
24) 1,1-Dichloroethane	6.193	63	1026479	107.440	ug/l	99
25) 2-Butanone	7.157	43	2855018	506.924	ug/l	90
26) 2,2-Dichloropropane	7.146	77	773990	106.934	ug/l	98
27) cis-1,2-Dichloroethene	7.146	96	587441	101.899	ug/l	94
28) Bromochloromethane	7.493	49	523048	114.216	ug/l #	72
29) Tetrahydrofuran	7.510	42	2036091	548.695	ug/l #	86
30) Chloroform	7.657	83	1025135	109.735	ug/l	94
31) Cyclohexane	7.934	56	939179	102.196	ug/l	86
32) 1,1,1-Trichloroethane	7.851	97	871030	108.381	ug/l	96
36) 1,1-Dichloropropene	8.069	75	760104	102.656	ug/l	95
37) Ethyl Acetate	7.240	43	1180511	112.571	ug/l #	93
38) Carbon Tetrachloride	8.045	117	693695	105.944	ug/l	98
39) Methylcyclohexane	9.322	83	954045	106.370	ug/l	97
40) Benzene	8.310	78	2389111	105.832	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.475	41	487226m	98.964	ug/l	
42) 1,2-Dichloroethane	8.381	62	822233	106.417	ug/l	99
43) Isopropyl Acetate	8.416	43	1821132	115.266	ug/l #	90
44) Trichloroethene	9.075	130	498076	99.934	ug/l	85
45) 1,2-Dichloropropane	9.351	63	607429	101.437	ug/l	97
46) Dibromomethane	9.439	93	417496	100.055	ug/l #	84
47) Bromodichloromethane	9.628	83	830098	109.303	ug/l	95
48) Methyl methacrylate	9.428	41	822317	113.604	ug/l	85
49) 1,4-Dioxane	9.434	88	296598	2215.552	ug/l #	92
51) 4-Methyl-2-Pentanone	10.204	43	6553643	575.751	ug/l	89
52) Toluene	10.375	92	1597998	116.350	ug/l	98
53) t-1,3-Dichloropropene	10.592	75	954787	127.562	ug/l	96
54) cis-1,3-Dichloropropene	10.057	75	979174	116.955	ug/l #	88
55) 1,1,2-Trichloroethane	10.775	97	586143	106.089	ug/l	96
56) Ethyl methacrylate	10.639	69	1084008	124.642	ug/l #	79
57) 1,3-Dichloropropane	10.916	76	1048763	105.655	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.916	63	1956656	583.397	ug/l	89
59) 2-Hexanone	10.963	43	5021994	588.825	ug/l	88
60) Dibromochloromethane	11.110	129	611734	121.045	ug/l	99
61) 1,2-Dibromoethane	11.222	107	596160	109.134	ug/l	99
64) Tetrachloroethene	10.845	164	412552	104.399	ug/l	95
65) Chlorobenzene	11.645	112	1531333	104.123	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.716	131	557481	114.891	ug/l	99
67) Ethyl Benzene	11.722	91	3114320	113.628	ug/l	97
68) m/p-Xylenes	11.828	106	2412496	236.186	ug/l	95
69) o-Xylene	12.157	106	1189412	116.020	ug/l	95
70) Styrene	12.169	104	2085423	127.438	ug/l	99
71) Bromoform	12.333	173	483896	135.517	ug/l	99
73) Isopropylbenzene	12.457	105	3202653	101.163	ug/l	97
74) N-amyl acetate	12.269	43	1749636	111.803	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.704	83	1073313	88.890	ug/l	99
76) 1,2,3-Trichloropropane	12.757	75	777099m	81.998	ug/l	
77) Bromobenzene	12.733	156	647249	95.639	ug/l	83
78) n-propylbenzene	12.798	91	3806004	105.005	ug/l	95
79) 2-Chlorotoluene	12.880	91	2119913	99.260	ug/l	96
80) 1,3,5-Trimethylbenzene	12.933	105	2629728	104.060	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.504	75	365213	123.139	ug/l	93
82) 4-Chlorotoluene	12.980	91	2161725	104.649	ug/l	97
83) tert-Butylbenzene	13.198	119	2252126	99.611	ug/l	95
84) 1,2,4-Trimethylbenzene	13.245	105	2706050	111.182	ug/l	96
85) sec-Butylbenzene	13.374	105	3382172	104.919	ug/l	96
86) p-Isopropyltoluene	13.492	119	2817715	114.022	ug/l	97
87) 1,3-Dichlorobenzene	13.486	146	1313920	102.166	ug/l	100
88) 1,4-Dichlorobenzene	13.569	146	1279828	101.572	ug/l	97
89) n-Butylbenzene	13.816	91	2521160	112.965	ug/l	95
90) Hexachloroethane	14.086	117	440977	105.225	ug/l	81
91) 1,2-Dichlorobenzene	13.863	146	1324830	105.901	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.474	75	210811	94.842	ug/l	89
93) 1,2,4-Trichlorobenzene	15.127	180	606287	109.913	ug/l	99
94) Hexachlorobutadiene	15.227	225	259987	93.213	ug/l	98
95) Naphthalene	15.363	128	2429163	115.892	ug/l	100
96) 1,2,3-Trichlorobenzene	15.551	180	609288	104.669	ug/l	99

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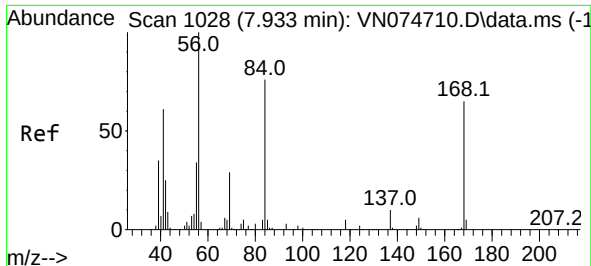
Manual Integrations
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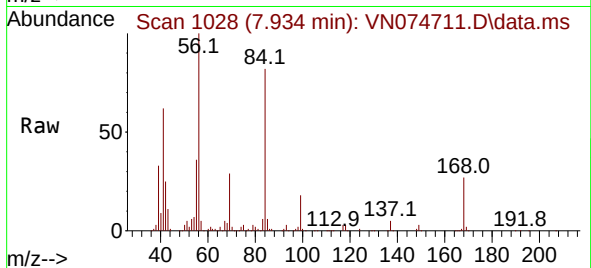
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.934 min Scan# 10
Delta R.T. 0.001 min
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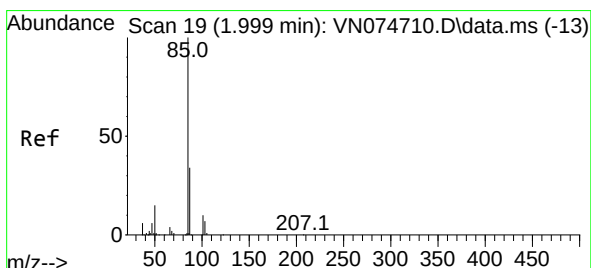
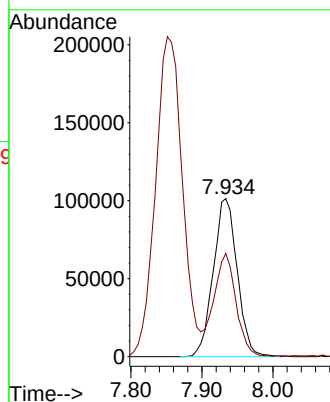
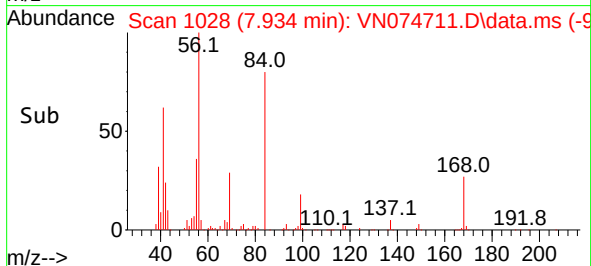
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 168 Resp: 236674
Ion Ratio Lower Upper
168 100
99 64.6 42.3 63.5

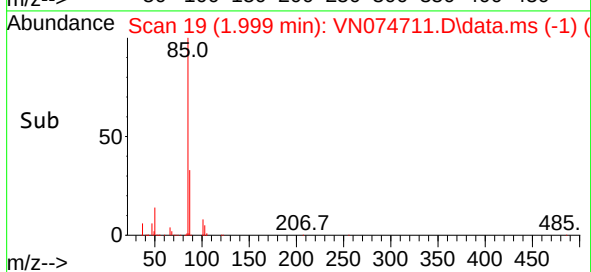
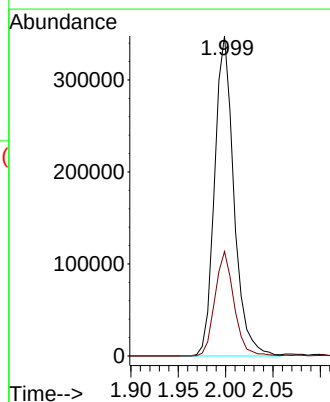
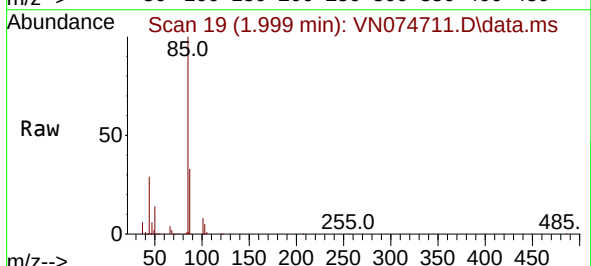
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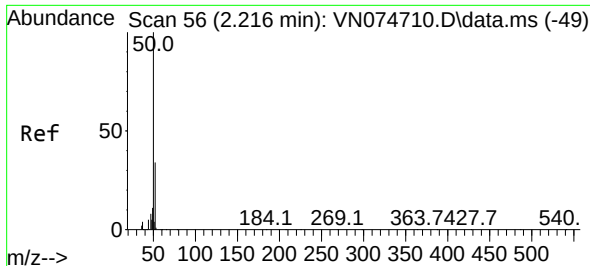
Reviewed By :John Carlone 10/04/2022
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#2
Dichlorodifluoromethane
Concen: 101.371 ug/l
RT: 1.999 min Scan# 19
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

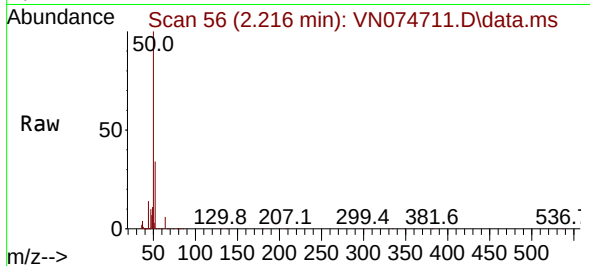
Tgt Ion: 85 Resp: 495098
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.1





#3
Chloromethane
Concen: 82.134 ug/l
RT: 2.216 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

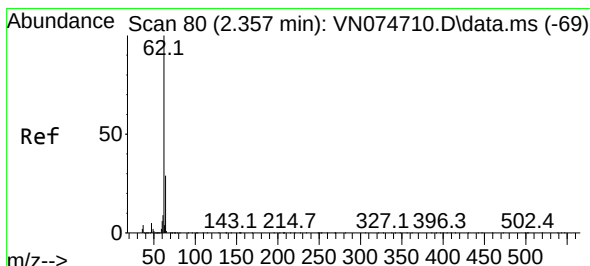
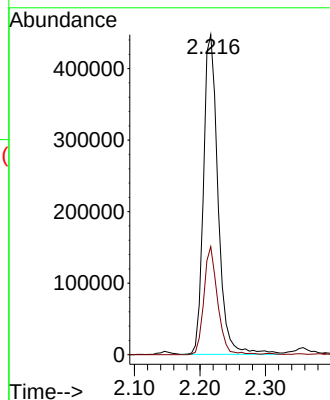
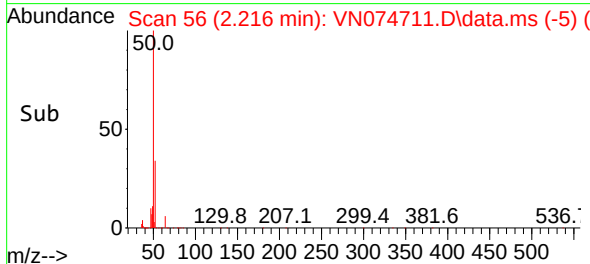
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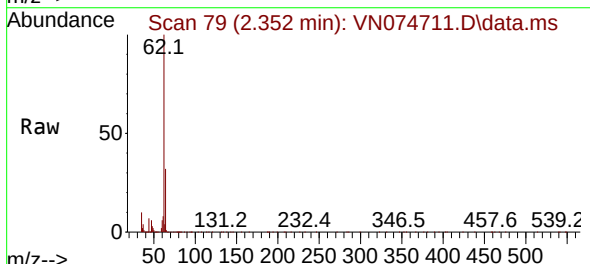
Tgt Ion: 50 Resp: 693362
Ion Ratio Lower Upper
50 100
52 33.8 25.7 38.5

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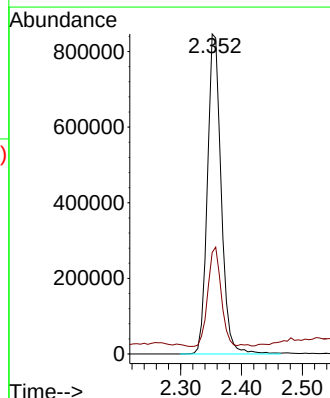
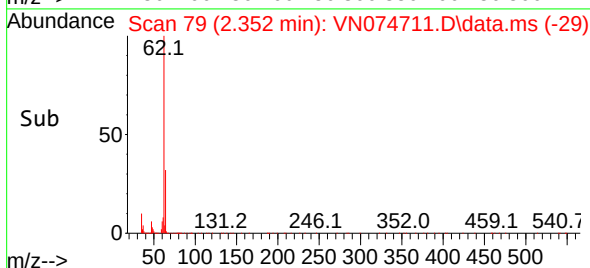
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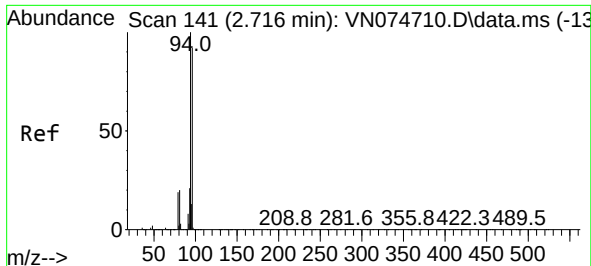


#4
Vinyl Chloride
Concen: 93.981 ug/l
RT: 2.352 min Scan# 79
Delta R.T. -0.006 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37



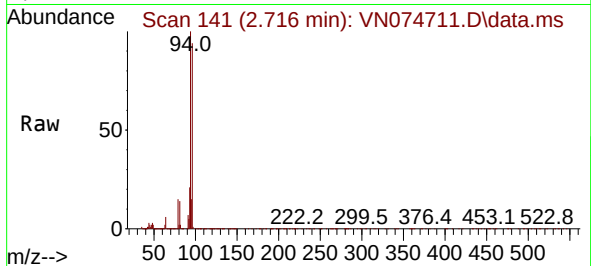
Tgt Ion: 62 Resp: 1331104
Ion Ratio Lower Upper
62 100
64 28.8 25.0 37.4





#5
Bromomethane
Concen: 91.279 ug/l
RT: 2.716 min Scan# 141
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

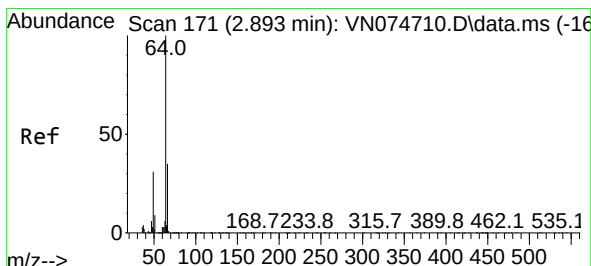
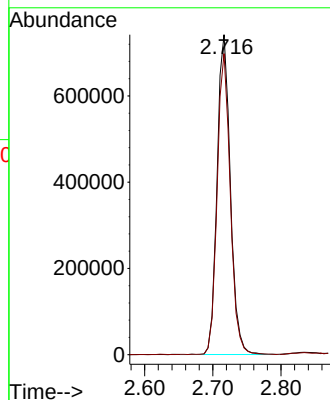
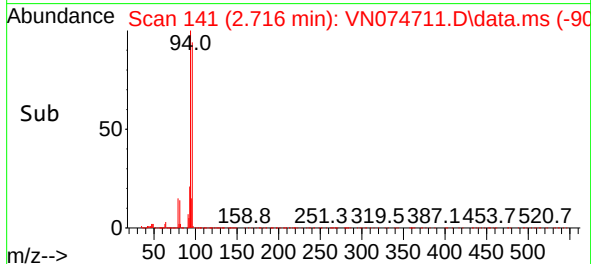
Instrument :
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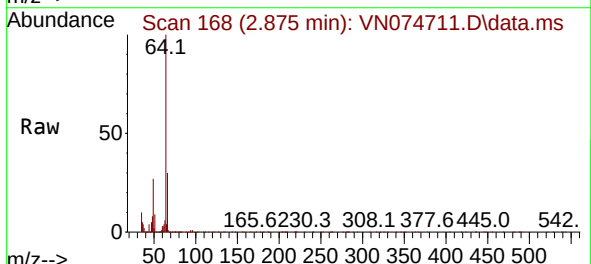
Tgt Ion: 94 Resp: 100678
Ion Ratio Lower Upper
94 100
96 94.0 76.0 114.0

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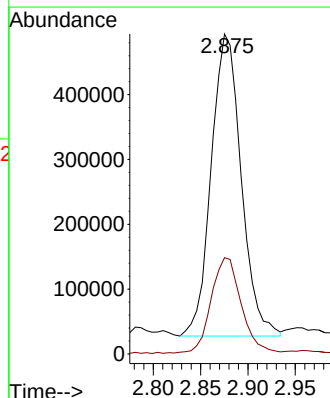
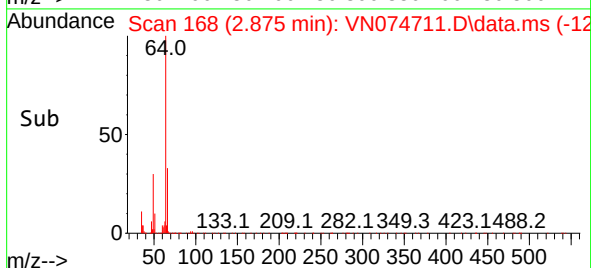
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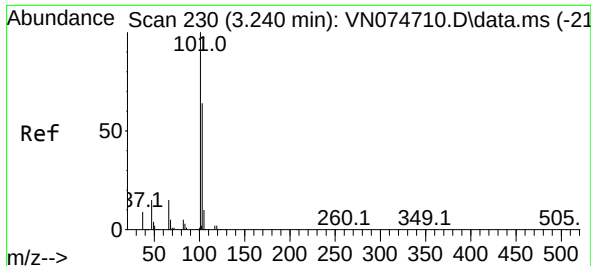


#6
Chloroethane
Concen: 93.215 ug/l
RT: 2.875 min Scan# 168
Delta R.T. -0.017 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37



Tgt Ion: 64 Resp: 1026037
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.4





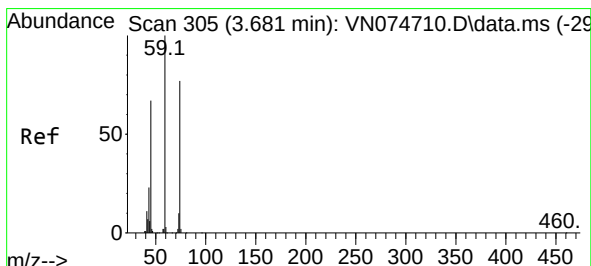
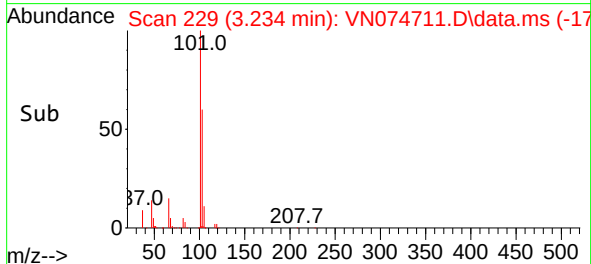
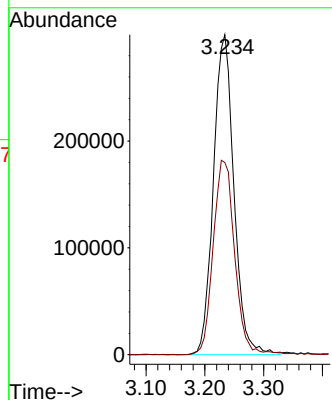
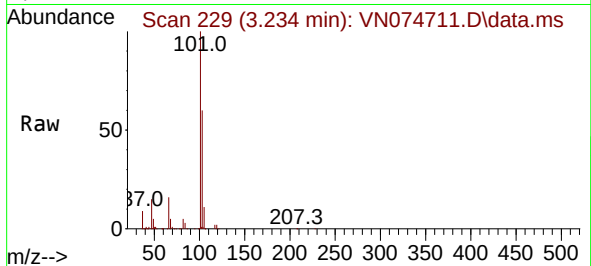
#7
Trichlorofluoromethane
Concen: 95.038 ug/l
RT: 3.234 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 72481
Ion Ratio Lower Upper
101 100
103 60.1 51.5 77.3

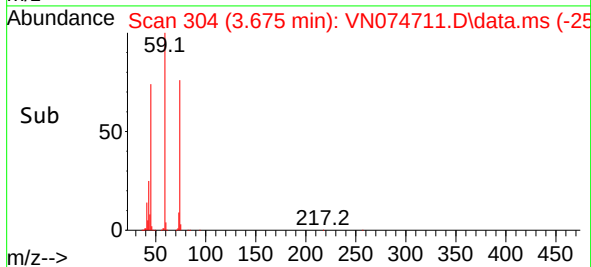
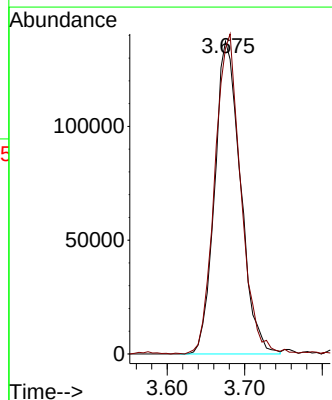
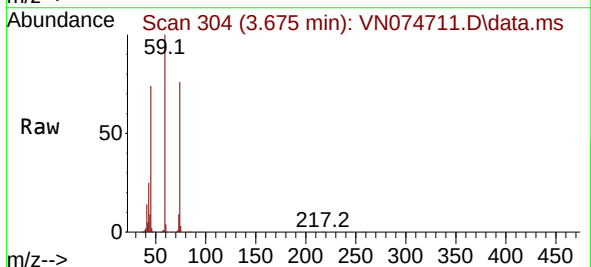
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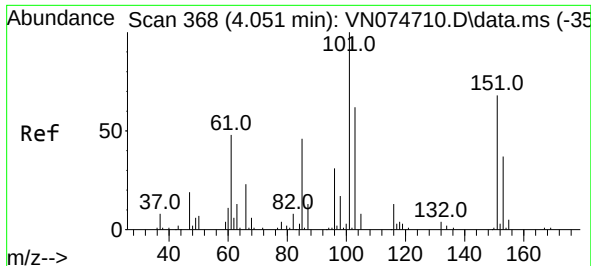
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#8
Diethyl Ether
Concen: 94.818 ug/l
RT: 3.675 min Scan# 304
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 318161
Ion Ratio Lower Upper
74 100
45 103.2 42.9 128.5





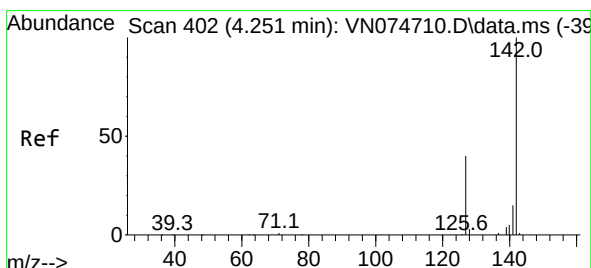
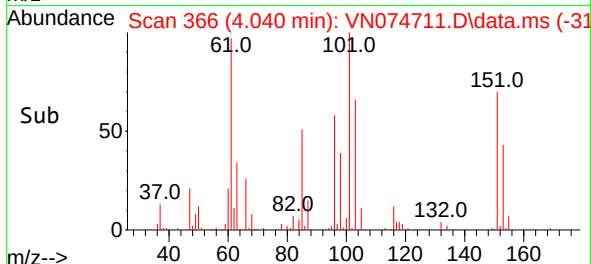
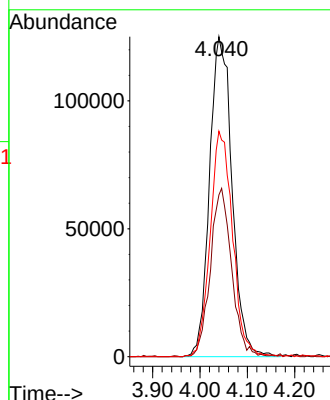
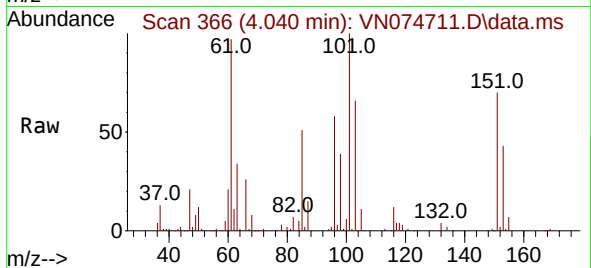
#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.150 ug/l
RT: 4.040 min Scan# 366
Delta R.T. -0.012 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 41256
Ion Ratio Lower Upper
101 100
85 49.8 34.7 52.1
151 70.3 63.0 94.4

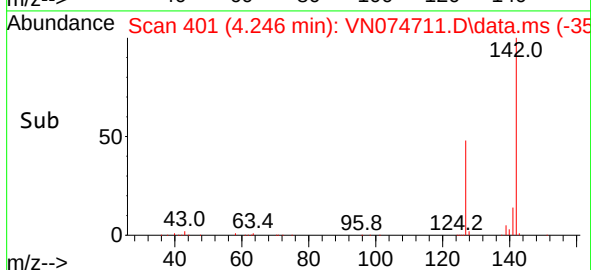
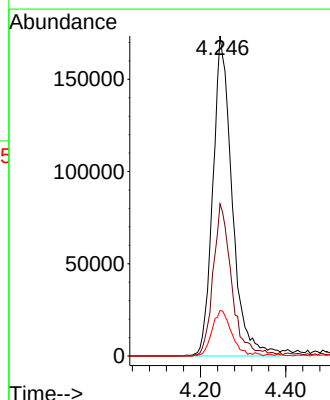
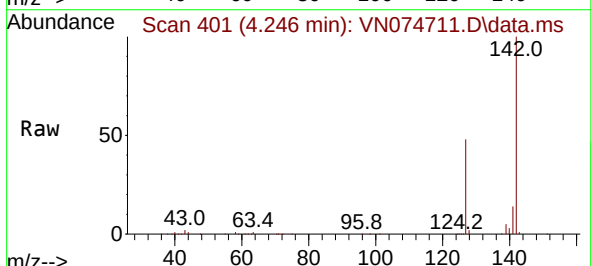
Manual Integrations
APPROVED

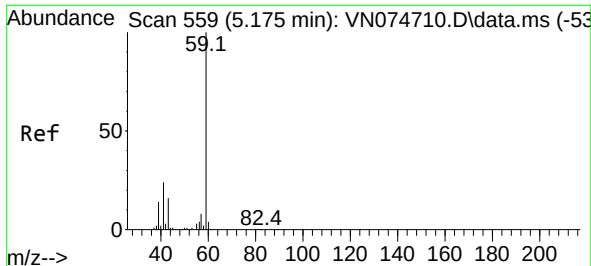
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#10
Methyl Iodide
Concen: 104.668 ug/l
RT: 4.246 min Scan# 401
Delta R.T. -0.006 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

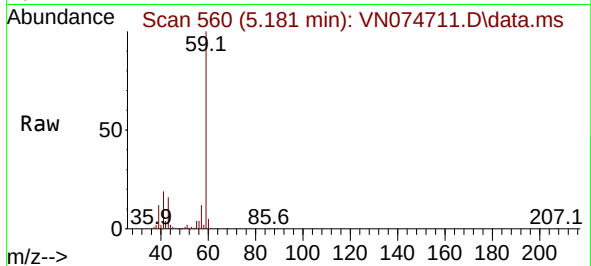
Tgt Ion:142 Resp: 545406
Ion Ratio Lower Upper
142 100
127 45.8 31.3 46.9
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 539.518 ug/l
RT: 5.181 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

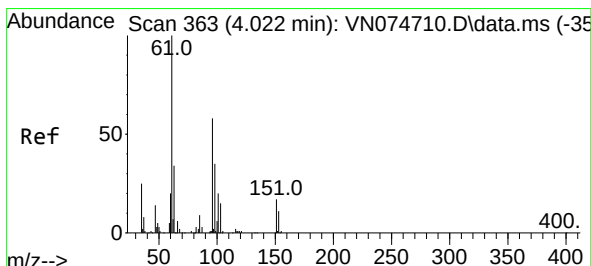
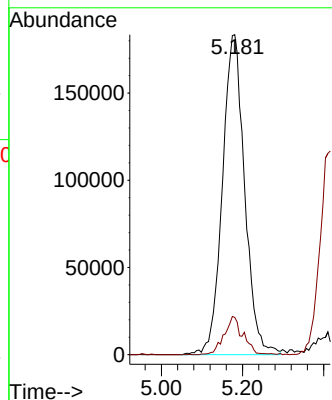
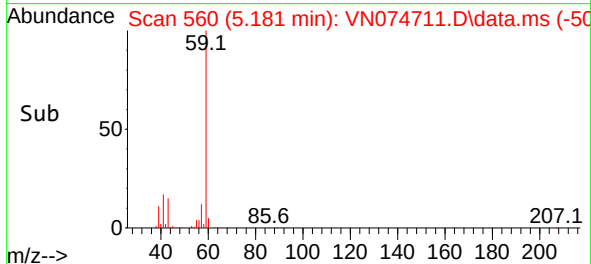
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



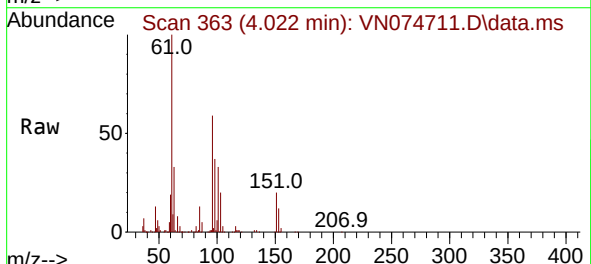
Tgt Ion: 59 Resp: 69917
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
APPROVED

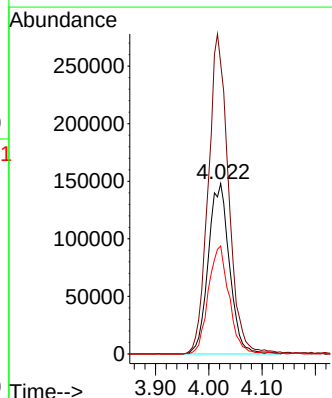
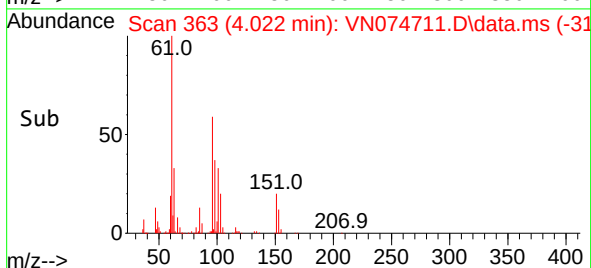
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

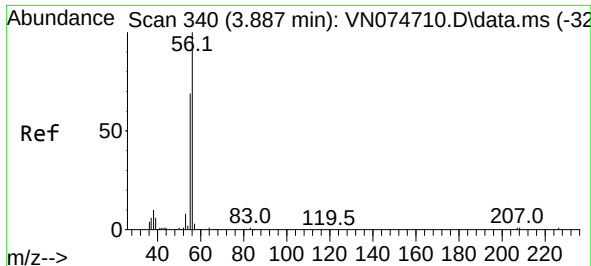


#12
1,1-Dichloroethene
Concen: 96.342 ug/l
RT: 4.022 min Scan# 363
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37



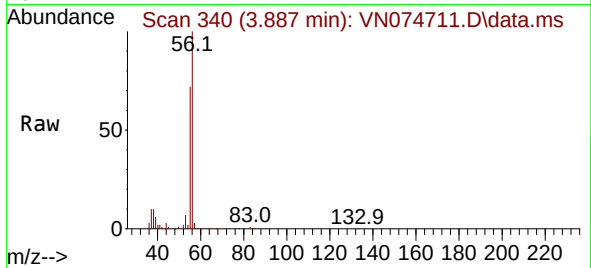
Tgt Ion: 96 Resp: 410250
Ion Ratio Lower Upper
96 100
61 170.4 127.6 191.4
98 63.3 51.2 76.8





#13
Acrolein
Concen: 418.742 ug/l
RT: 3.887 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

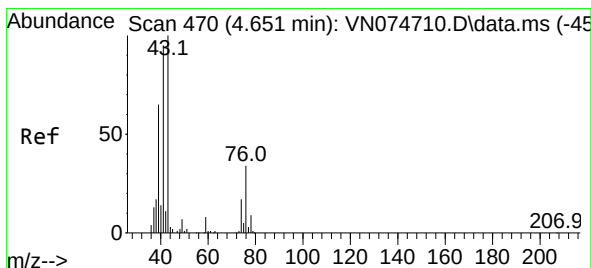
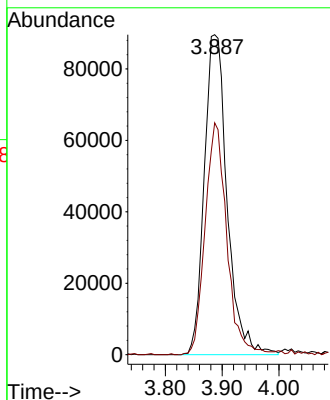
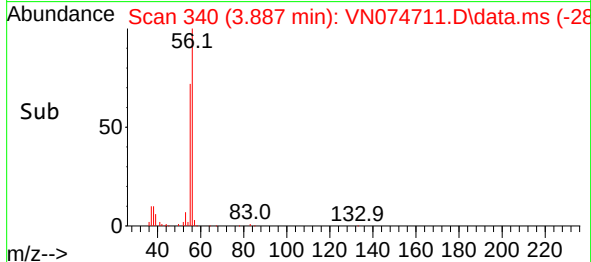
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 249909
Ion Ratio Lower Upper
56 100
55 68.7 54.8 82.2

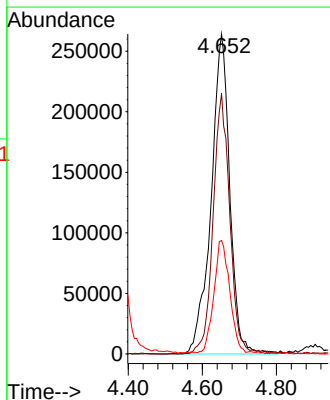
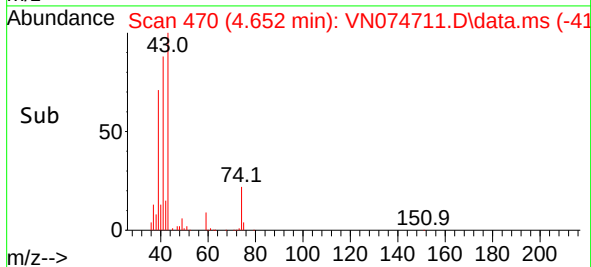
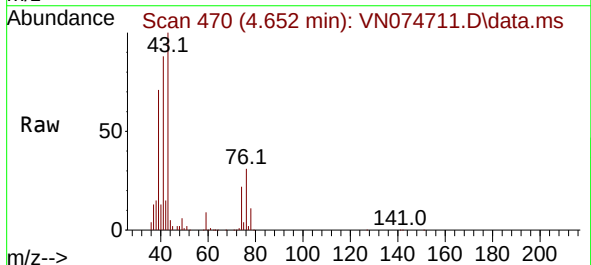
Manual Integrations
APPROVED

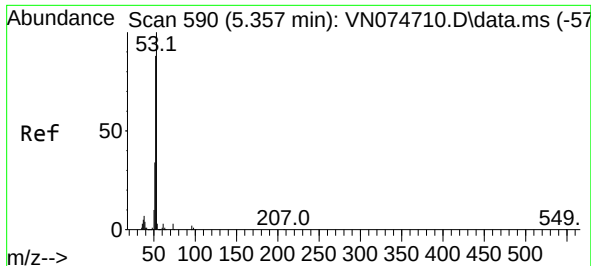
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#14
Allyl chloride
Concen: 105.776 ug/l
RT: 4.652 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

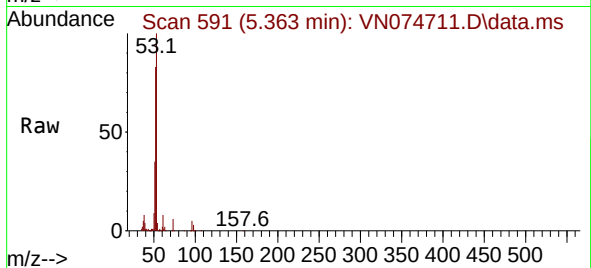
Tgt Ion: 41 Resp: 924943
Ion Ratio Lower Upper
41 100
39 72.4 53.2 79.8
76 29.6 29.9 44.9





#15
Acrylonitrile
Concen: 525.717 ug/l
RT: 5.363 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

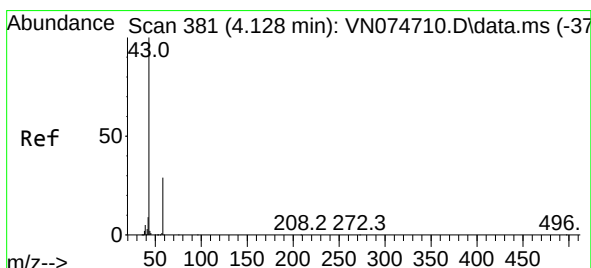
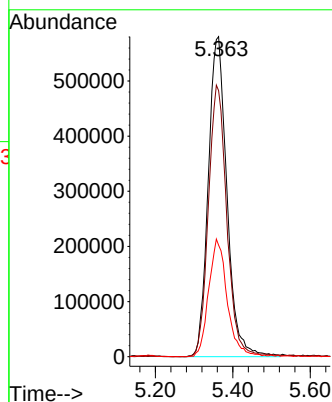
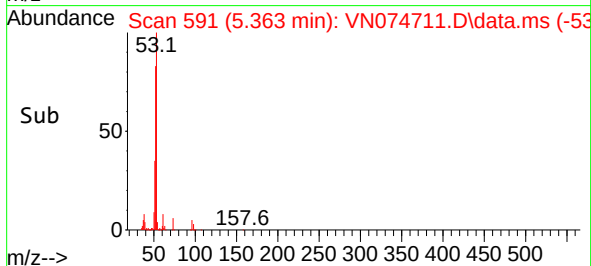
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 194250
Ion Ratio Lower Upper
53 100
52 84.1 66.4 99.6
51 36.6 28.5 42.7

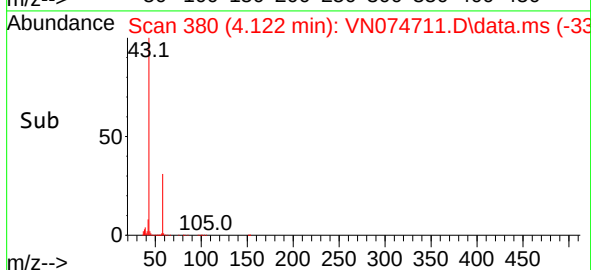
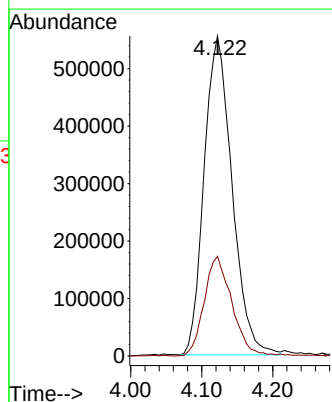
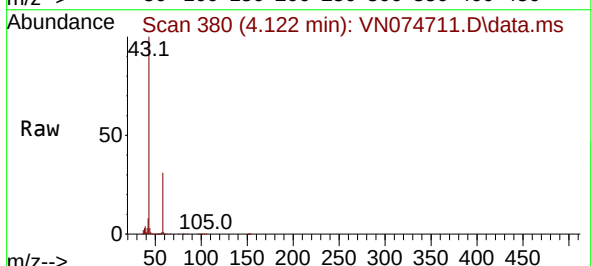
Manual Integrations
APPROVED

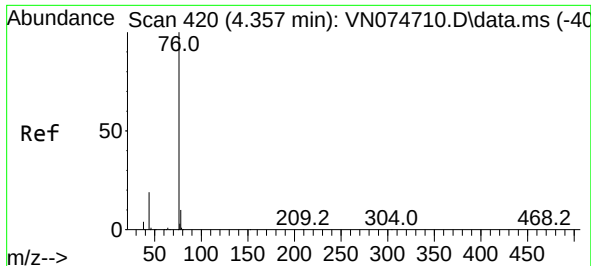
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#16
Acetone
Concen: 467.180 ug/l
RT: 4.122 min Scan# 380
Delta R.T. -0.006 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

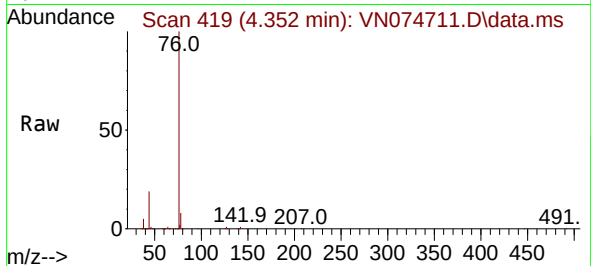
Tgt Ion: 43 Resp: 1517304
Ion Ratio Lower Upper
43 100
58 31.2 26.0 39.0





#17
Carbon Disulfide
Concen: 99.191 ug/l
RT: 4.352 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

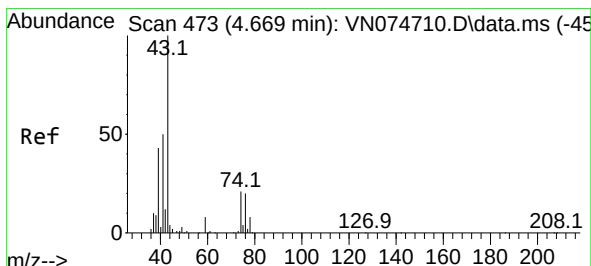
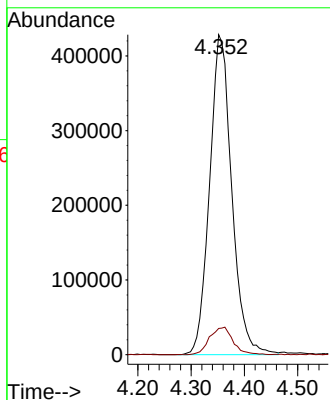
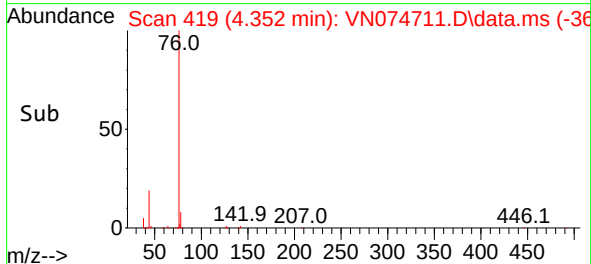
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



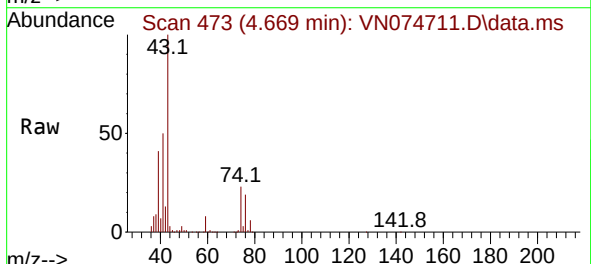
Tgt Ion: 76 Resp: 1237934
Ion Ratio Lower Upper
76 100
78 8.1 7.2 10.8

Manual Integrations
APPROVED

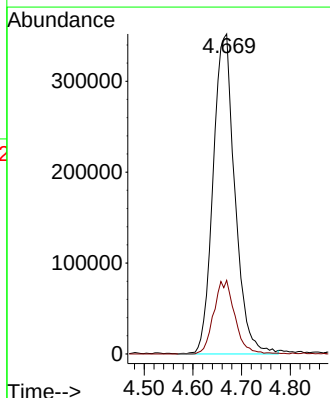
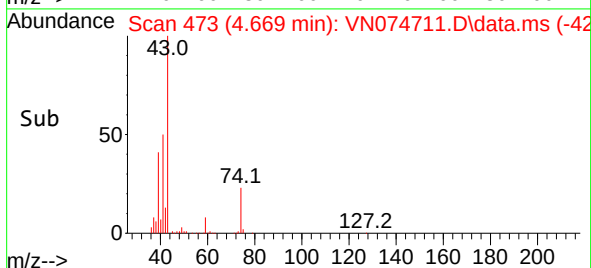
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

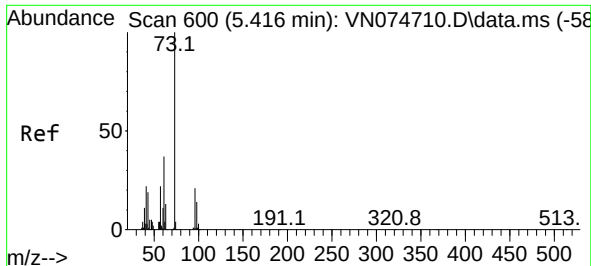


#18
Methyl Acetate
Concen: 101.430 ug/l
RT: 4.669 min Scan# 473
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37



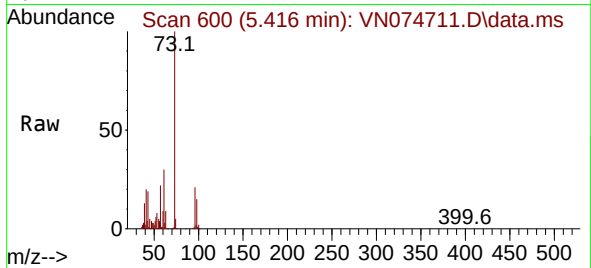
Tgt Ion: 43 Resp: 1093564
Ion Ratio Lower Upper
43 100
74 22.3 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 108.518 ug/l
RT: 5.416 min Scan# 600
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

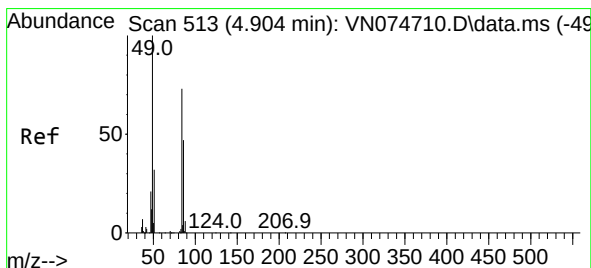
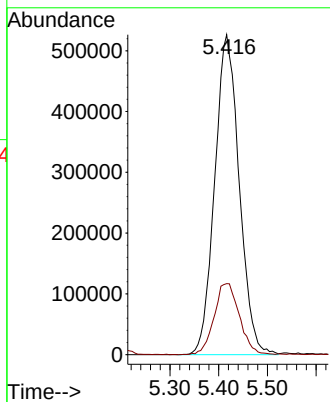
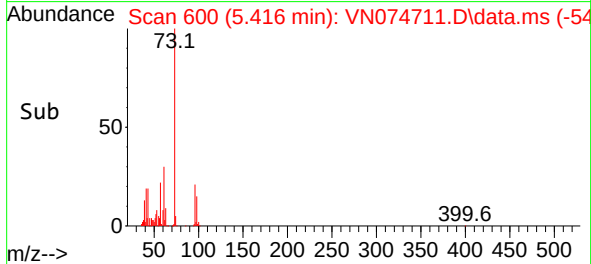
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 73 Resp: 183842
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4

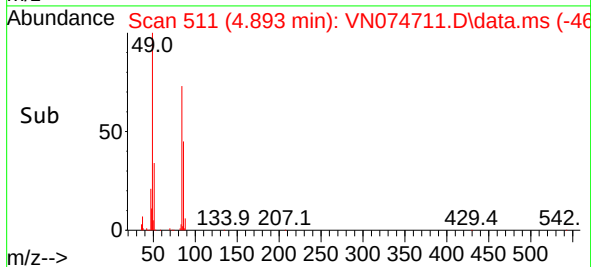
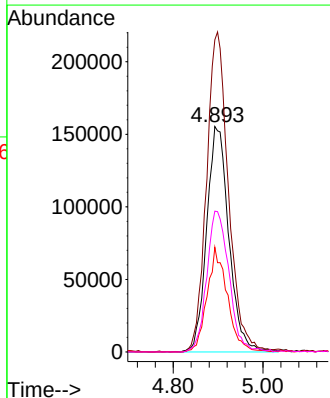
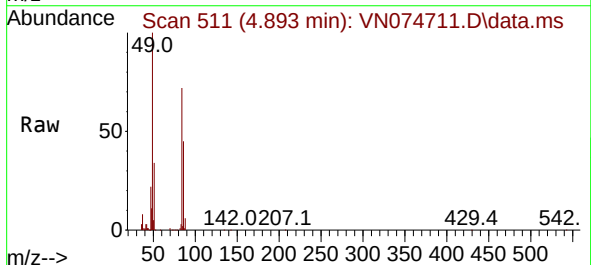
Manual Integrations
APPROVED

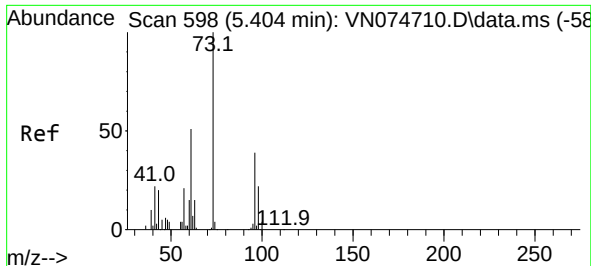
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#20
Methylene Chloride
Concen: 90.295 ug/l
RT: 4.893 min Scan# 511
Delta R.T. -0.012 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

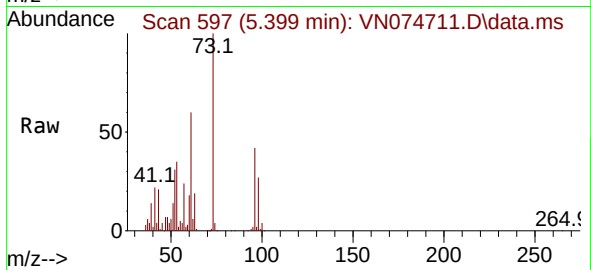
Tgt Ion: 84 Resp: 534037
Ion Ratio Lower Upper
84 100
49 138.3 88.3 132.5#
51 46.4 28.2 42.2#
86 62.4 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 106.668 ug/l
RT: 5.399 min Scan# 598
Delta R.T. -0.006 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

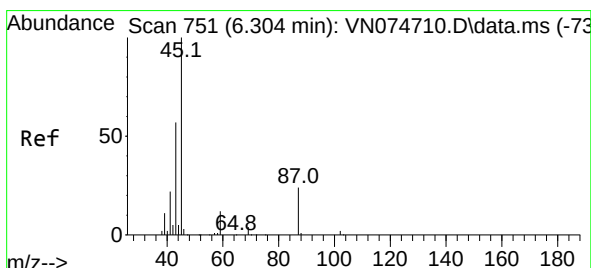
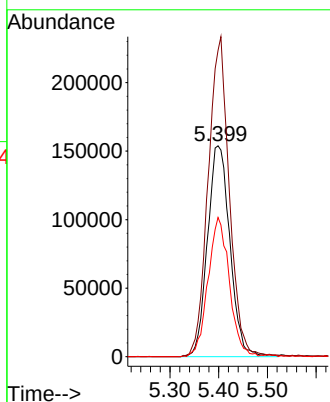
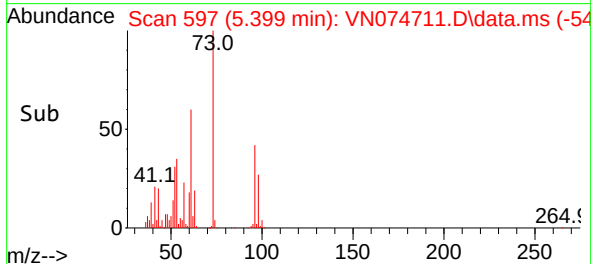
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 492168
Ion Ratio Lower Upper
96 100
61 145.3 105.8 158.8
98 66.0 50.3 75.5

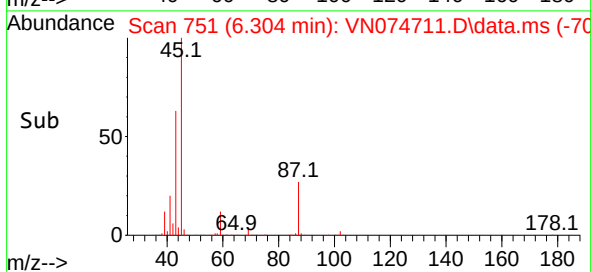
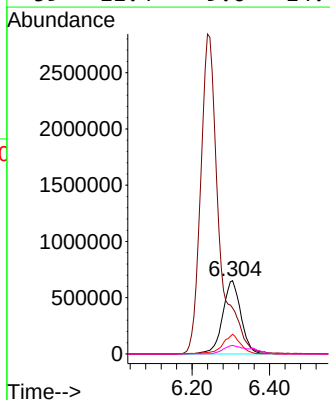
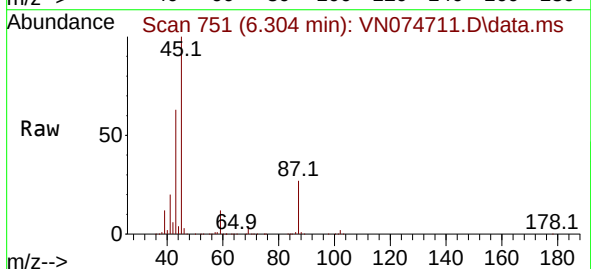
Manual Integrations
APPROVED

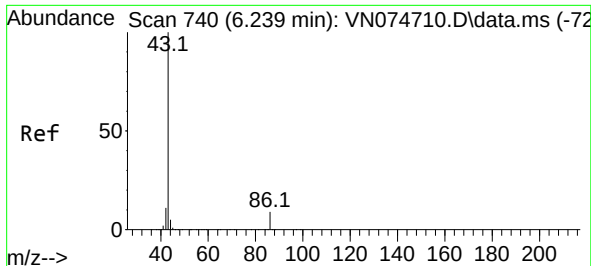
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#22
Diisopropyl ether
Concen: 110.894 ug/l
RT: 6.304 min Scan# 751
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

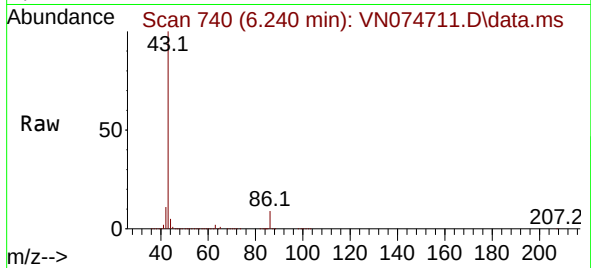
Tgt Ion: 45 Resp: 2136982
Ion Ratio Lower Upper
45 100
43 62.5 46.6 70.0
87 26.9 24.3 36.5
59 11.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 631.107 ug/l
 RT: 6.240 min Scan# 740
 Delta R.T. 0.000 min
 Lab File: VN074711.D
 Acq: 03 Oct 2022 15:37

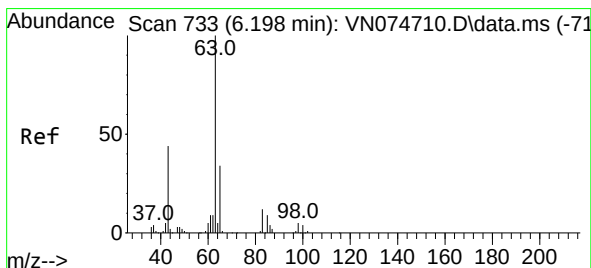
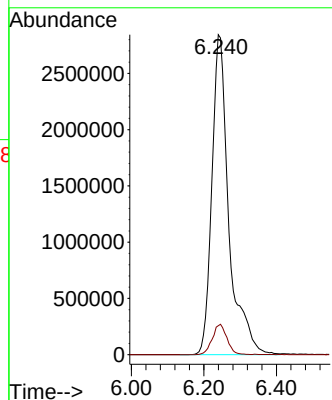
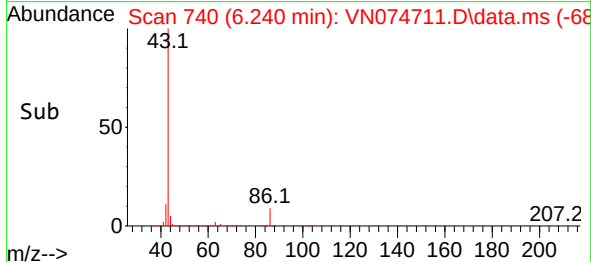
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



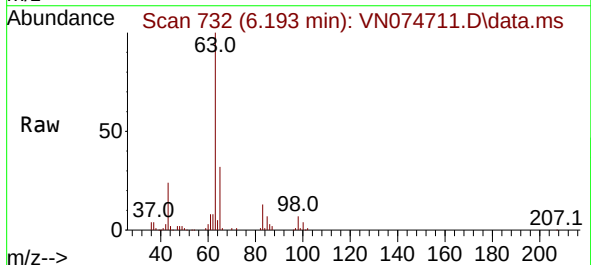
Tgt Ion: 43 Resp: 923229
 Ion Ratio Lower Upper
 43 100
 86 9.0 10.0 15.0

Manual Integrations
 APPROVED

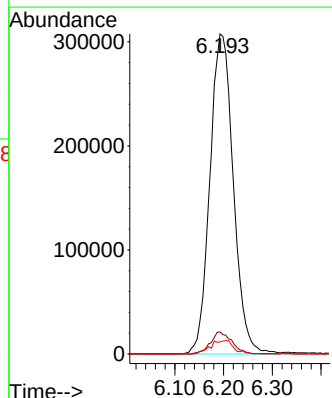
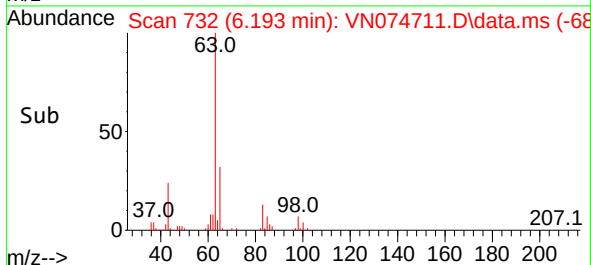
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022

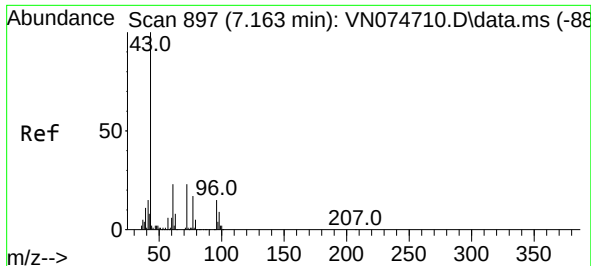


#24
 1,1-Dichloroethane
 Concen: 107.440 ug/l
 RT: 6.193 min Scan# 732
 Delta R.T. -0.006 min
 Lab File: VN074711.D
 Acq: 03 Oct 2022 15:37



Tgt Ion: 63 Resp: 1026479
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 3.8 2.3 6.8





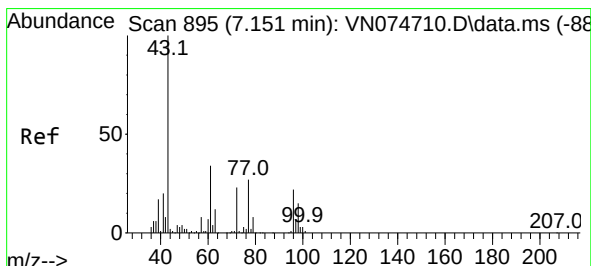
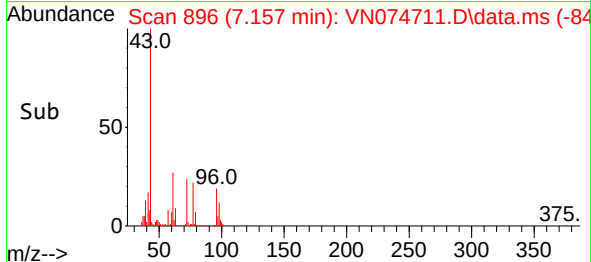
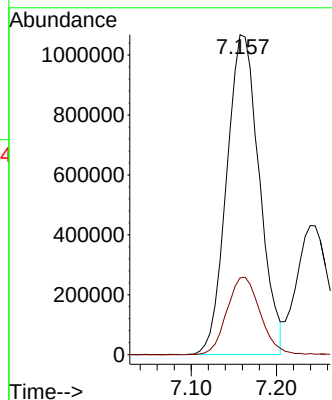
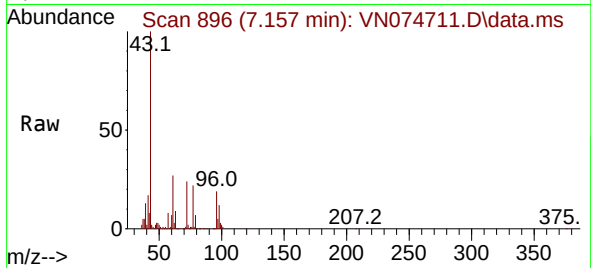
#25
2-Butanone
Concen: 506.924 ug/l
RT: 7.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 2855018
Ion Ratio Lower Upper
43 100
72 24.0 23.7 35.5

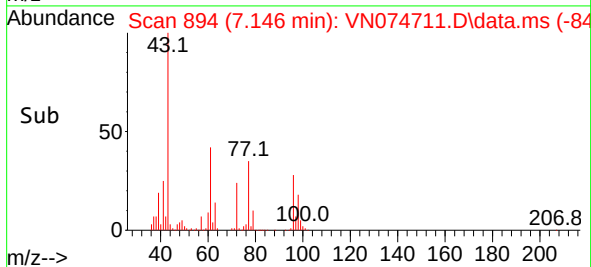
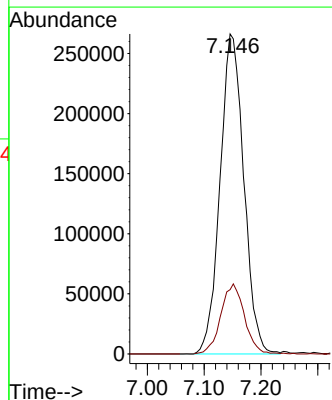
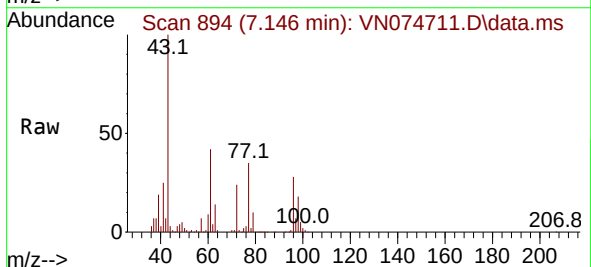
Manual Integrations
APPROVED

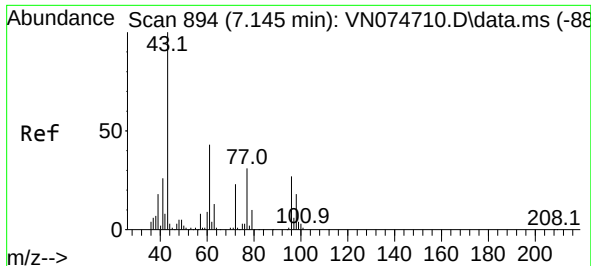
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#26
2,2-Dichloropropane
Concen: 106.934 ug/l
RT: 7.146 min Scan# 894
Delta R.T. -0.006 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

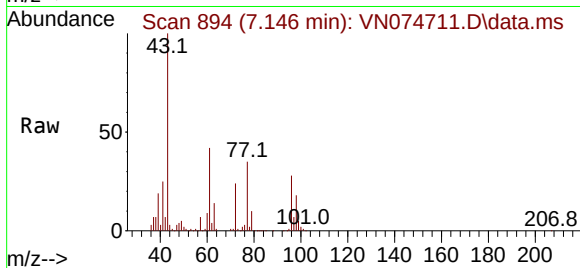
Tgt Ion: 77 Resp: 773990
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 101.899 ug/l
 RT: 7.146 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VN074711.D
 Acq: 03 Oct 2022 15:37

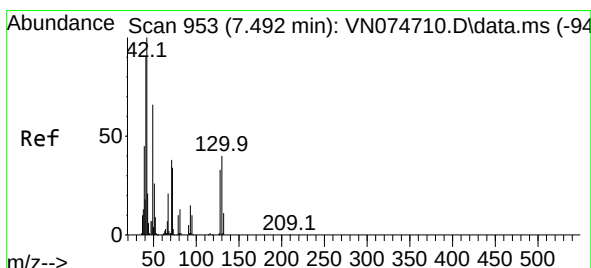
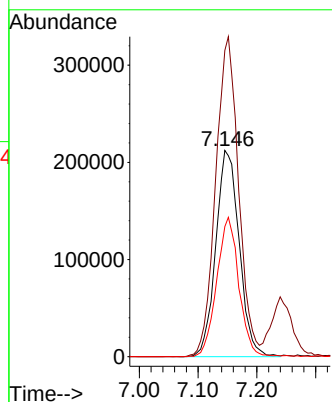
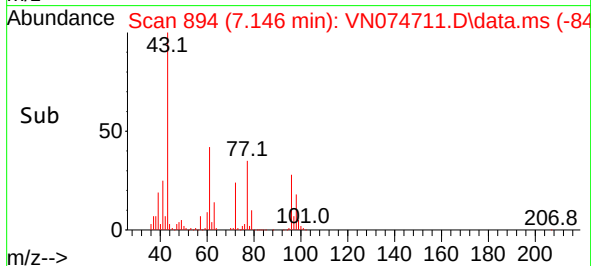
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 96 Resp: 58744
 Ion Ratio Lower Upper
 96 100
 61 151.5 0.0 280.6
 98 63.8 0.0 128.4

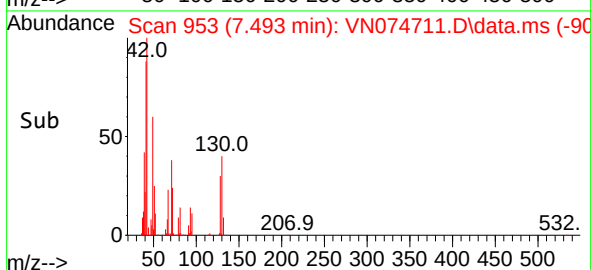
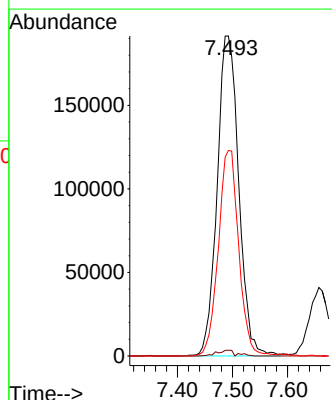
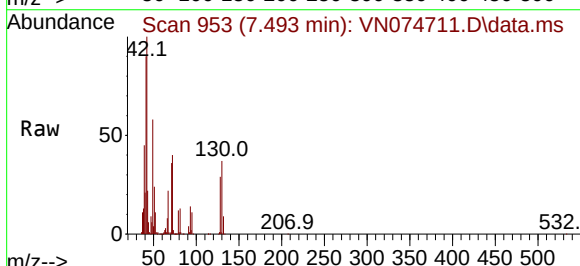
Manual Integrations
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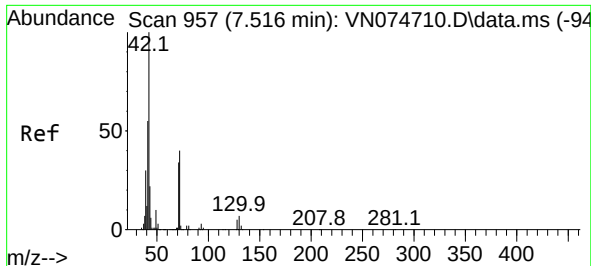
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#28
 Bromochloromethane
 Concen: 114.216 ug/l
 RT: 7.493 min Scan# 953
 Delta R.T. 0.000 min
 Lab File: VN074711.D
 Acq: 03 Oct 2022 15:37

Tgt Ion: 49 Resp: 523048
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.6
 130 60.6 69.7 104.5





#29

Tetrahydrofuran

Concen: 548.695 ug/l

RT: 7.510 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074711.D

Acq: 03 Oct 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 203609

Ion Ratio Lower Upper

42 100

72 39.3 39.7 59.5

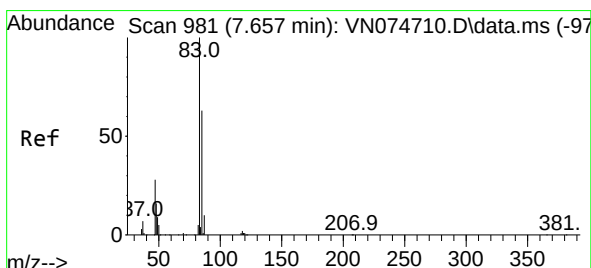
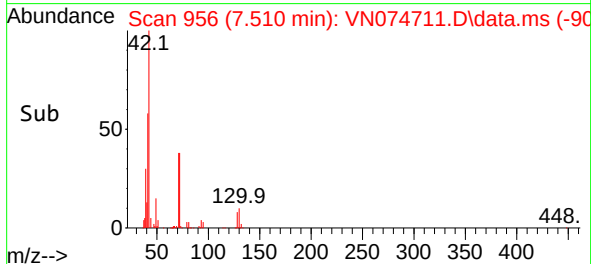
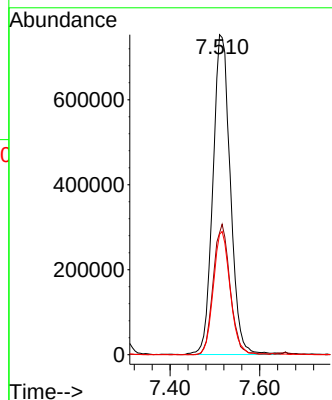
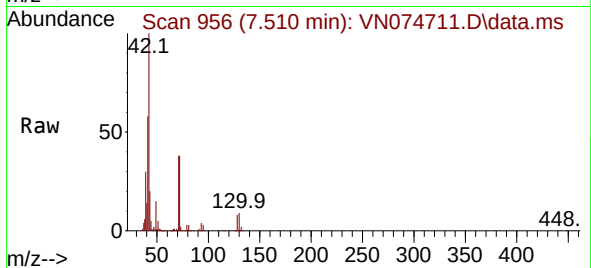
71 37.0 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#30

Chloroform

Concen: 109.735 ug/l

RT: 7.657 min Scan# 981

Delta R.T. 0.000 min

Lab File: VN074711.D

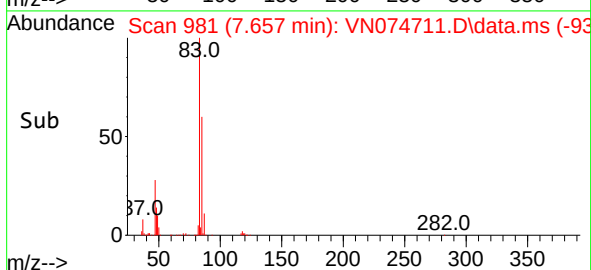
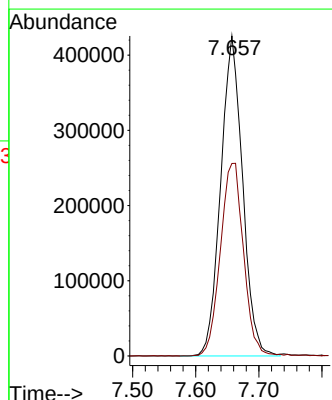
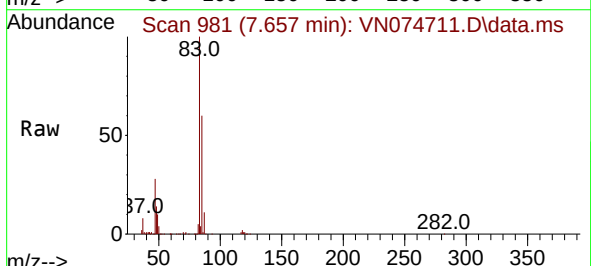
Acq: 03 Oct 2022 15:37

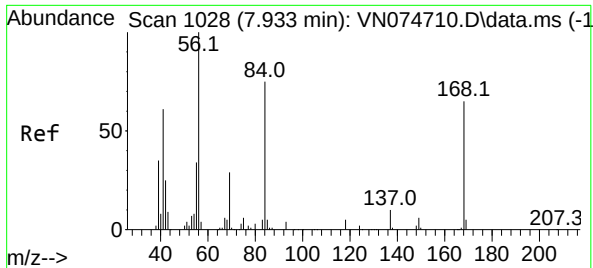
Tgt Ion: 83 Resp: 1025135

Ion Ratio Lower Upper

83 100

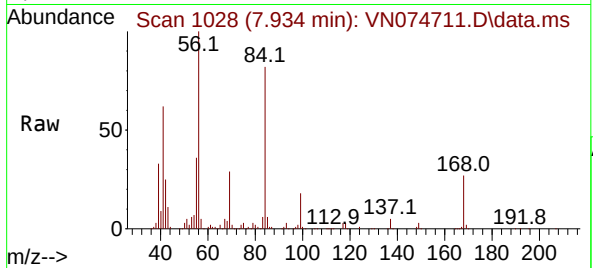
85 60.1 51.8 77.8





#31
Cyclohexane
Concen: 102.196 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

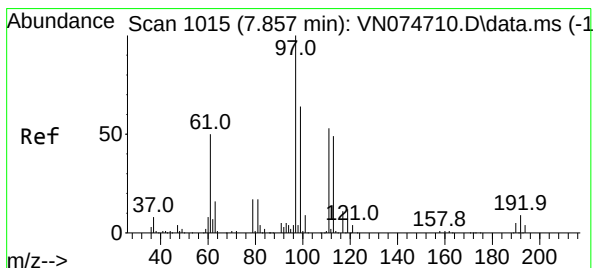
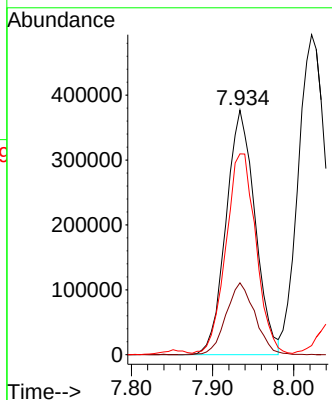
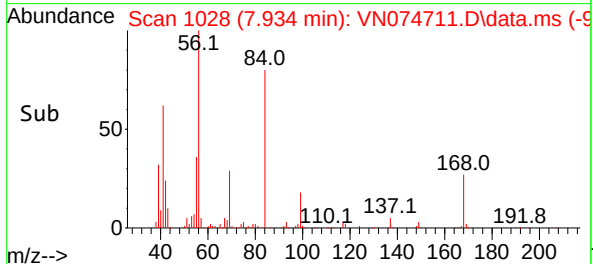
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



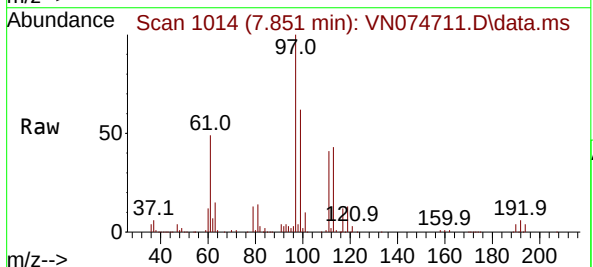
Tgt Ion: 56 Resp: 939179
Ion Ratio Lower Upper
56 100
69 29.4 27.8 41.8
84 80.6 76.9 115.3

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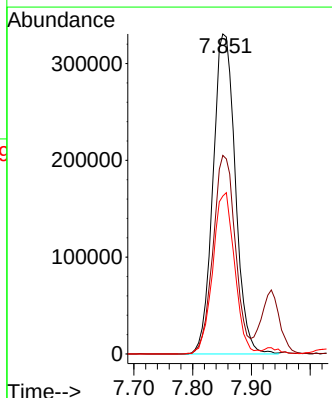
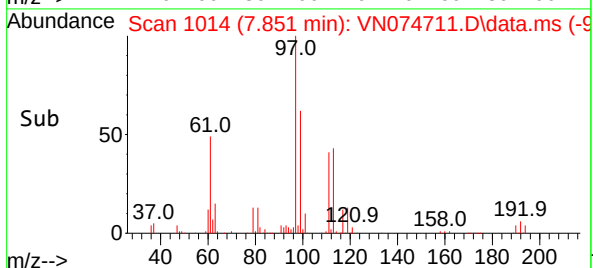
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

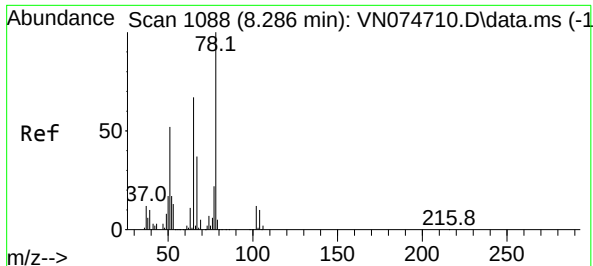


#32
1,1,1-Trichloroethane
Concen: 108.381 ug/l
RT: 7.851 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37



Tgt Ion: 97 Resp: 871030
Ion Ratio Lower Upper
97 100
99 61.9 50.6 76.0
61 49.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 107.525 ug/l

RT: 8.287 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN074711.D

Acq: 03 Oct 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 63947

Ion Ratio Lower Upper

65 100

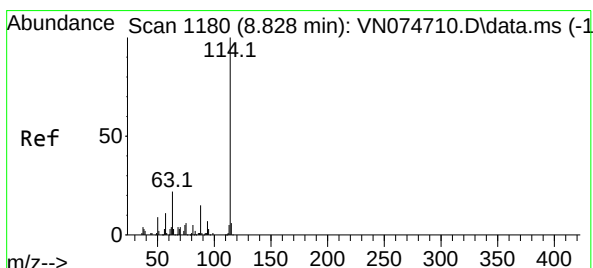
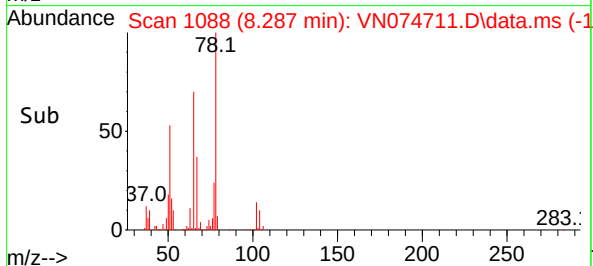
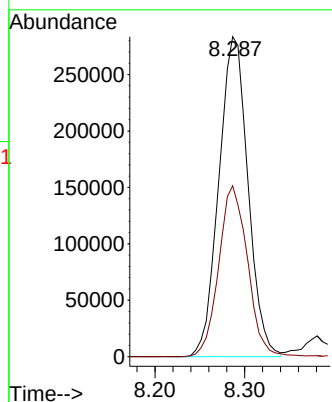
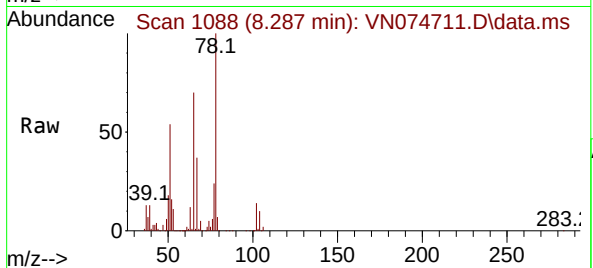
67 52.8 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.828 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VN074711.D

Acq: 03 Oct 2022 15:37

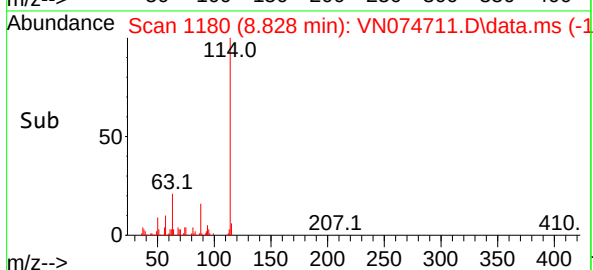
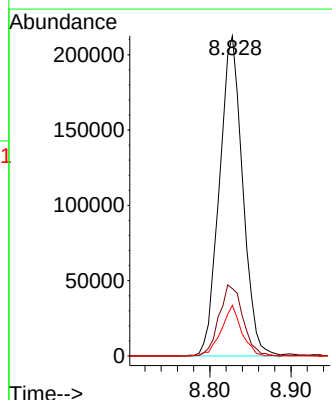
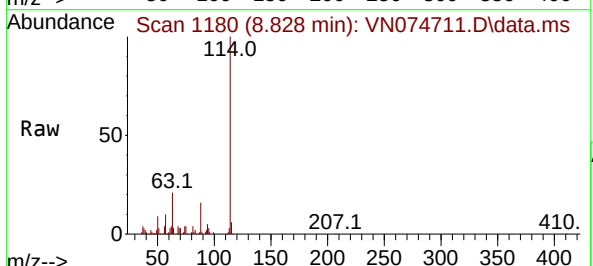
Tgt Ion:114 Resp: 422903

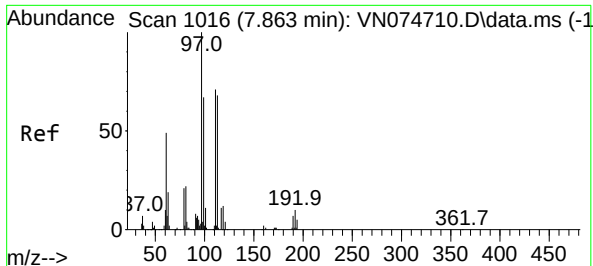
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 102.844 ug/l

RT: 7.863 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VN074711.D

Acq: 03 Oct 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:113 Resp: 467562

Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

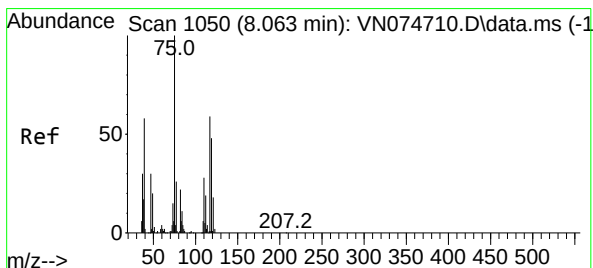
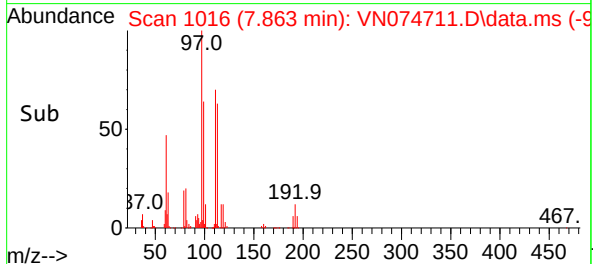
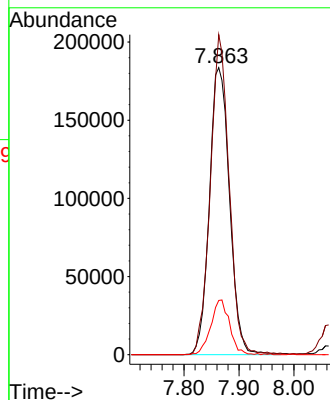
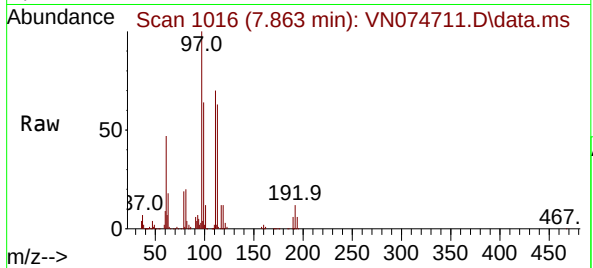
192 17.8 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#36

1,1-Dichloropropene

Concen: 102.656 ug/l

RT: 8.069 min Scan# 1051

Delta R.T. 0.006 min

Lab File: VN074711.D

Acq: 03 Oct 2022 15:37

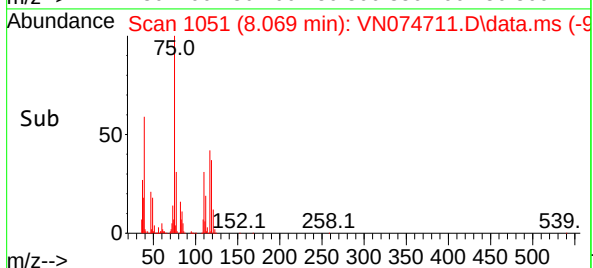
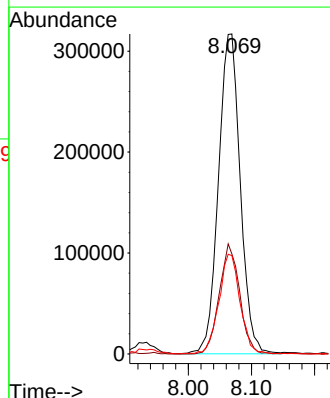
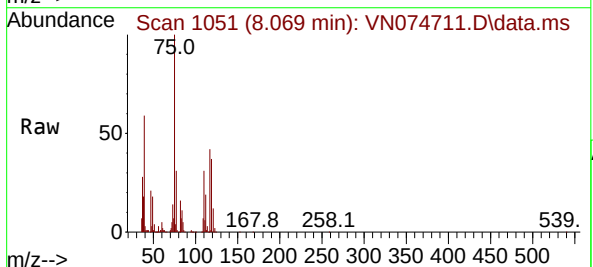
Tgt Ion: 75 Resp: 760104

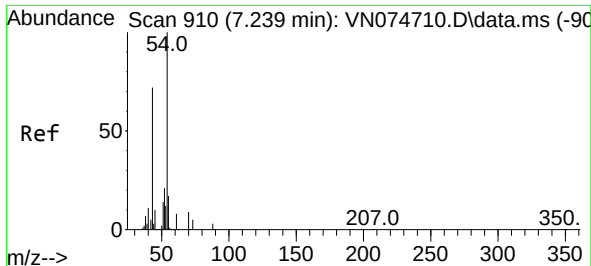
Ion Ratio Lower Upper

75 100

110 32.2 18.3 54.8

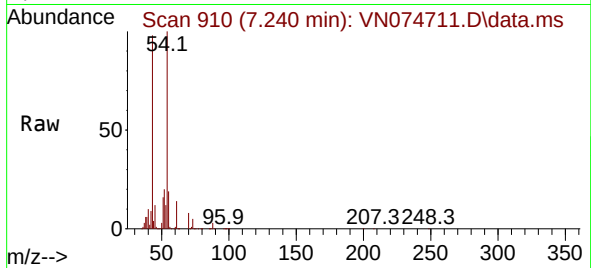
77 30.3 25.1 37.7





#37
Ethyl Acetate
Concen: 112.571 ug/l
RT: 7.240 min Scan# 910
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

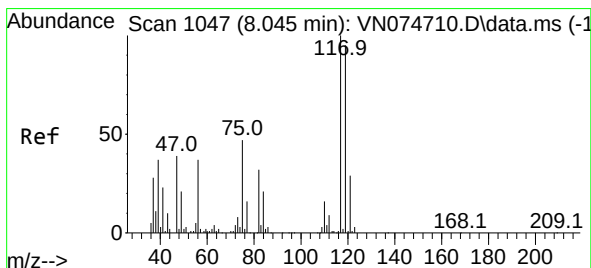
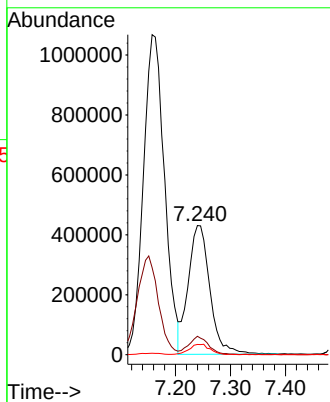
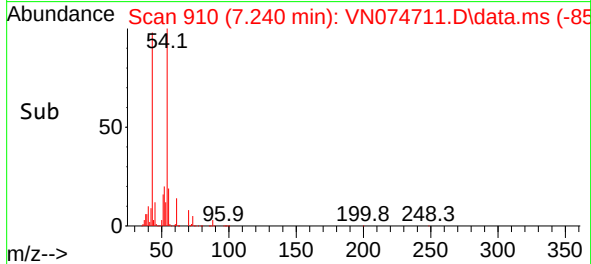
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 118051
Ion Ratio Lower Upper
43 100
61 12.8 11.8 17.6
70 7.7 9.3 13.9

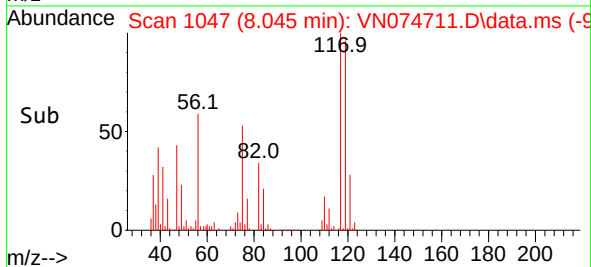
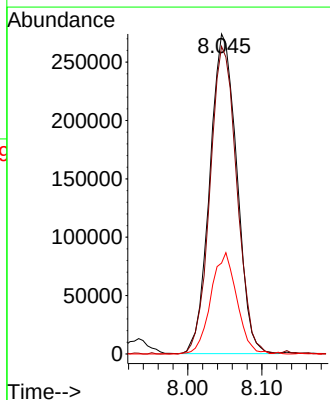
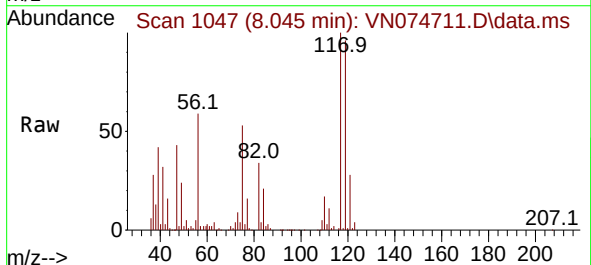
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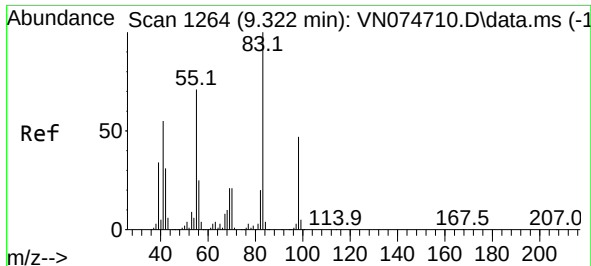
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#38
Carbon Tetrachloride
Concen: 105.944 ug/l
RT: 8.045 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

Tgt Ion:117 Resp: 693695
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
121 28.4 24.6 37.0





#39

Methylcyclohexane

Concen: 106.370 ug/l

RT: 9.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074711.D

Acq: 03 Oct 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 95404

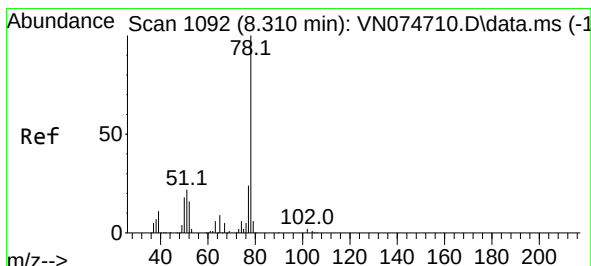
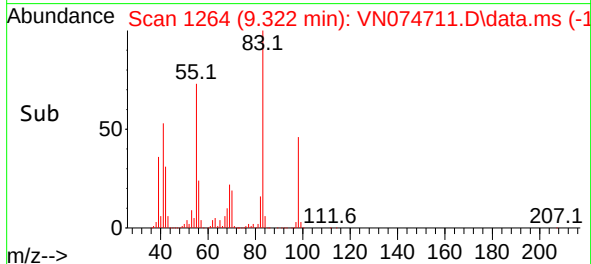
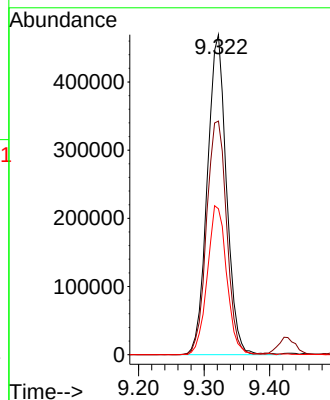
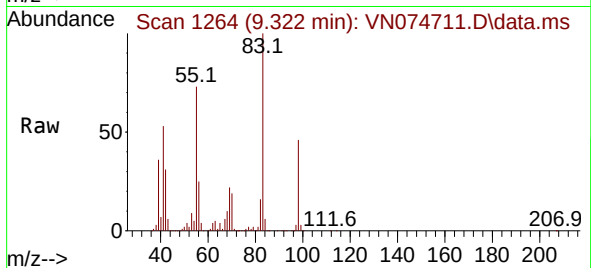
Ion	Ratio	Lower	Upper
83	100		
55	73.0	57.8	86.8
98	45.6	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#40

Benzene

Concen: 105.832 ug/l

RT: 8.310 min Scan# 1092

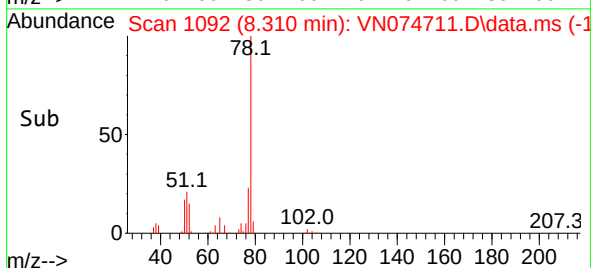
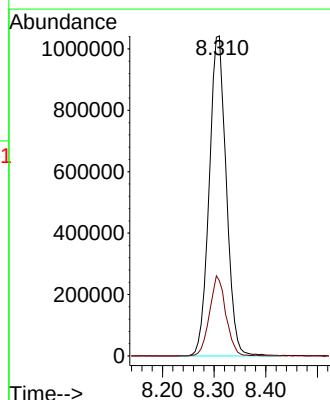
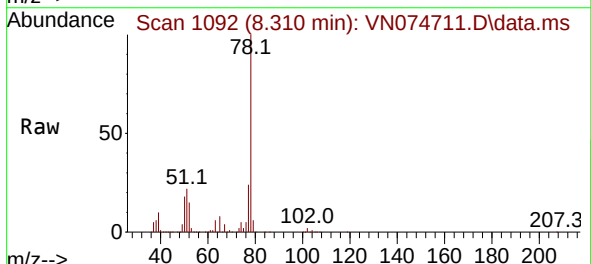
Delta R.T. 0.000 min

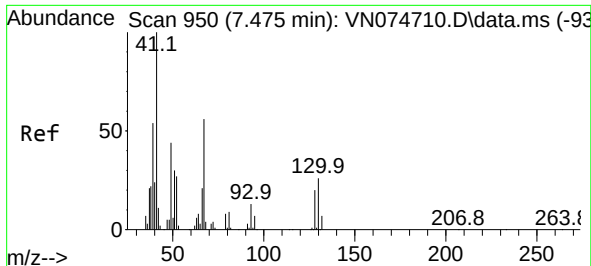
Lab File: VN074711.D

Acq: 03 Oct 2022 15:37

Tgt Ion: 78 Resp: 2389111

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.0





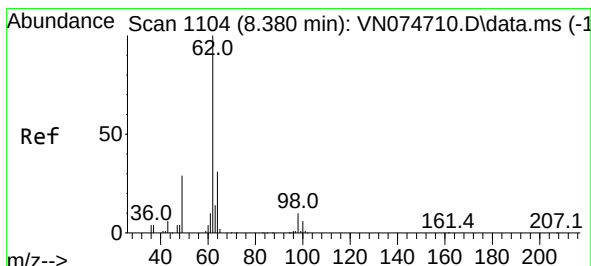
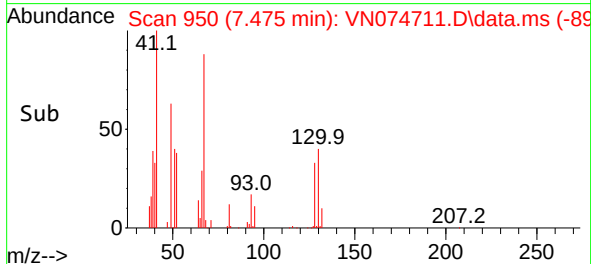
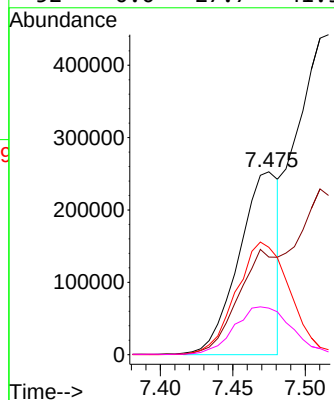
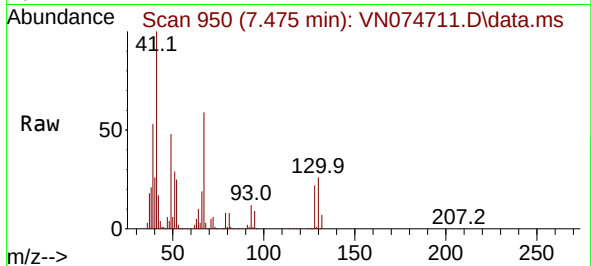
#41
Methacrylonitrile
Concen: 98.964 ug/l m
RT: 7.475 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 487220
Ion Ratio Lower Upper
41 100
39 187.0 48.6 73.0
67 0.0 73.4 110.2
52 0.0 27.7 41.5

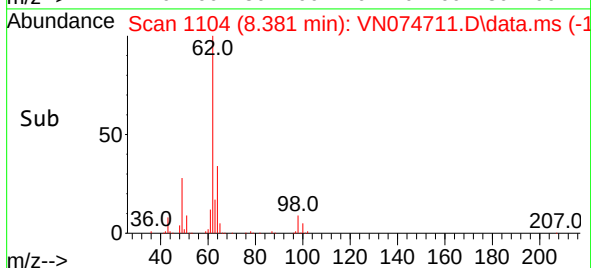
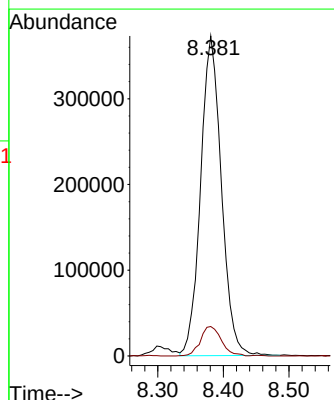
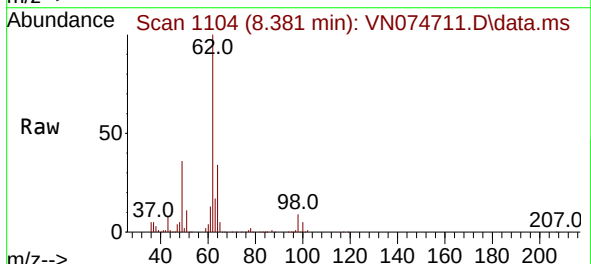
Manual Integrations
APPROVED

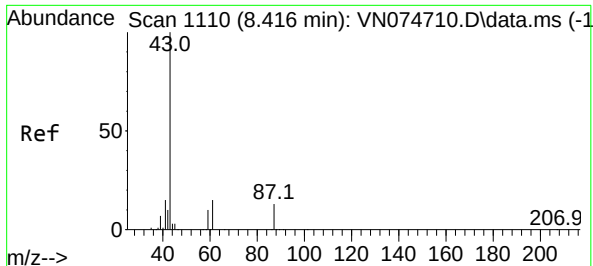
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#42
1,2-Dichloroethane
Concen: 106.417 ug/l
RT: 8.381 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

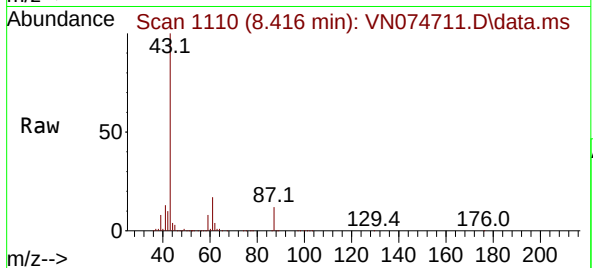
Tgt Ion: 62 Resp: 822233
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 115.266 ug/l
RT: 8.416 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

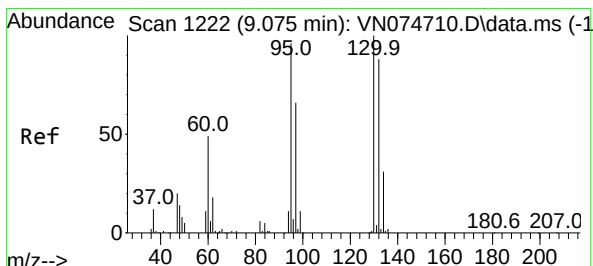
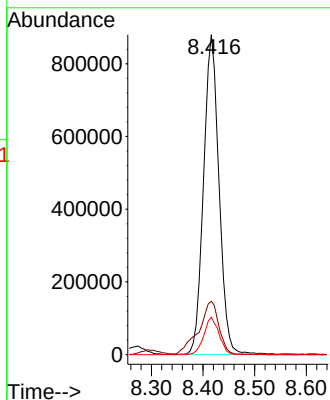
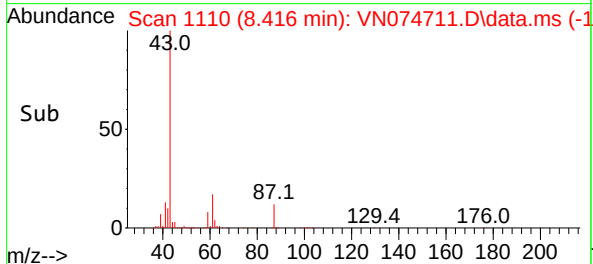
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 182113
Ion Ratio Lower Upper
43 100
61 21.7 21.9 32.9
87 11.5 12.0 18.0

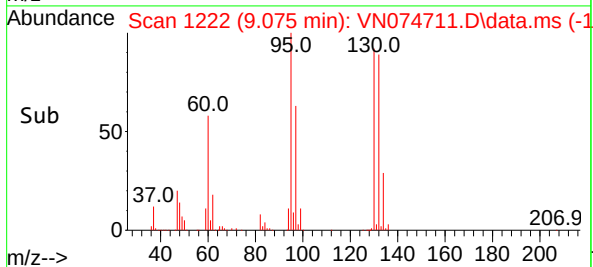
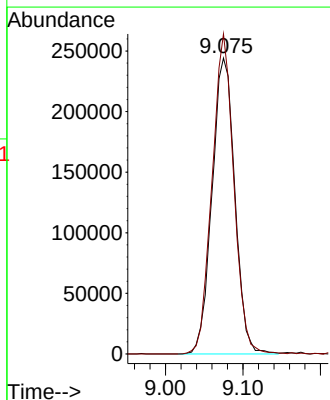
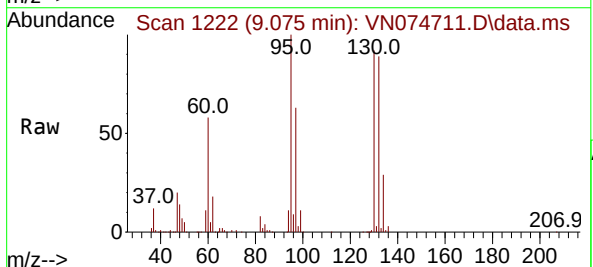
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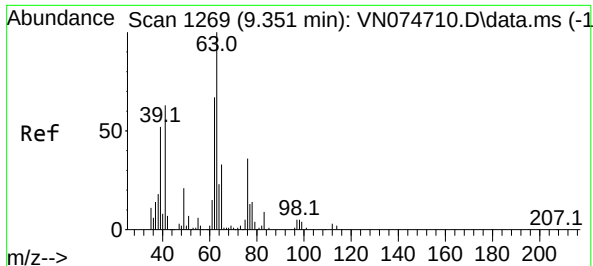
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#44
Trichloroethene
Concen: 99.934 ug/l
RT: 9.075 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

Tgt Ion:130 Resp: 498076
Ion Ratio Lower Upper
130 100
95 108.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 101.437 ug/l

RT: 9.351 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VN074711.D

Acq: 03 Oct 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 607429

Ion Ratio Lower Upper

63 100

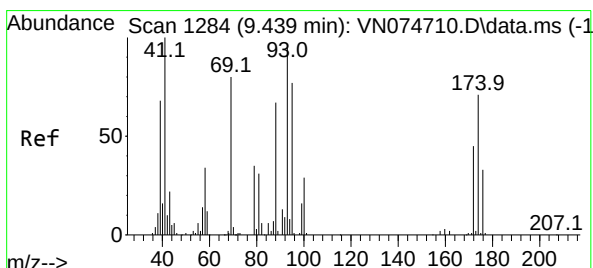
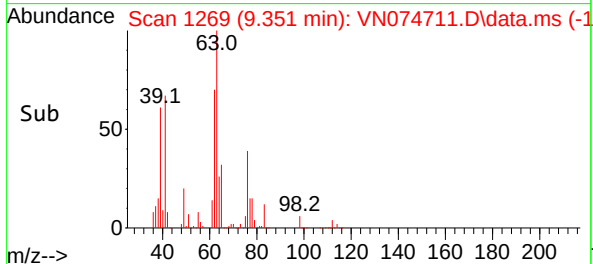
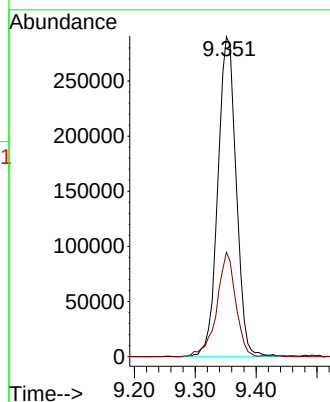
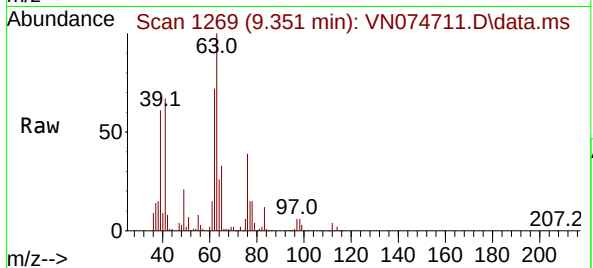
65 32.6 24.9 37.3

Manual Integrations

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Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#46

Dibromomethane

Concen: 100.055 ug/l

RT: 9.439 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VN074711.D

Acq: 03 Oct 2022 15:37

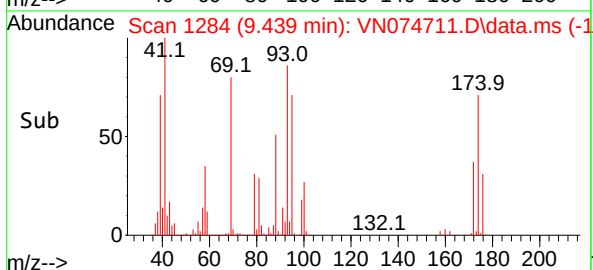
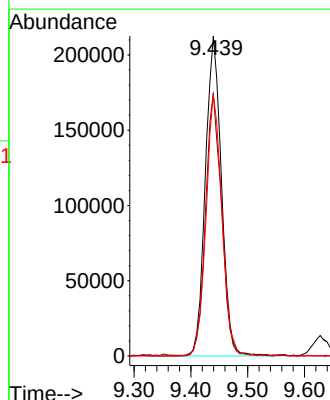
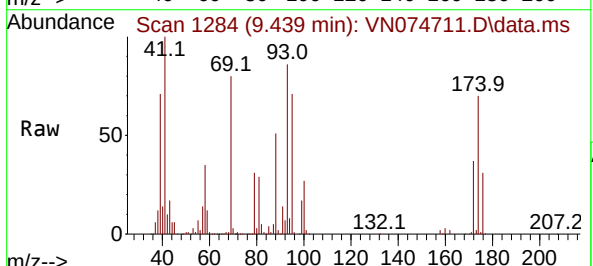
Tgt Ion: 93 Resp: 417496

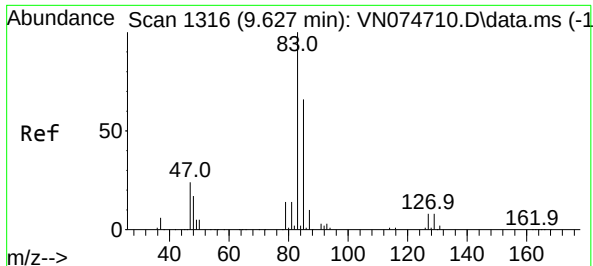
Ion Ratio Lower Upper

93 100

95 80.7 66.9 100.3

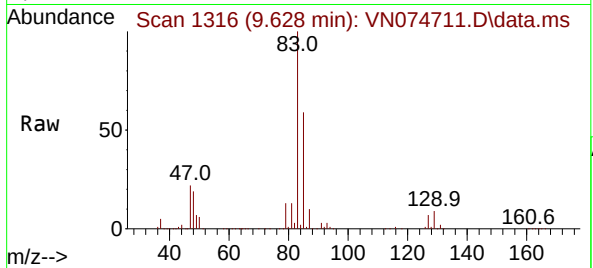
174 80.7 86.6 130.0#





#47
Bromodichloromethane
Concen: 109.303 ug/l
RT: 9.628 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

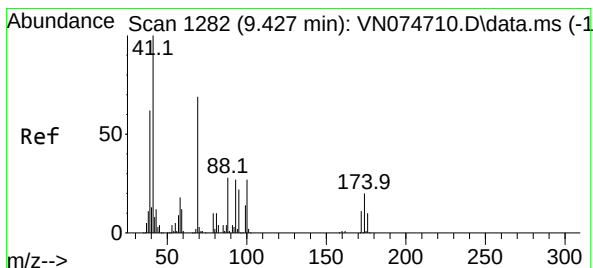
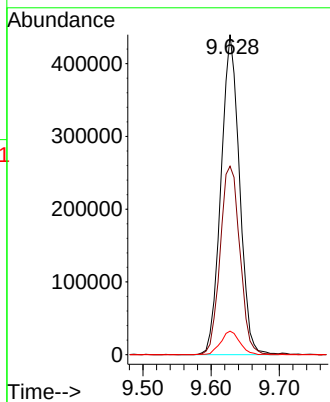
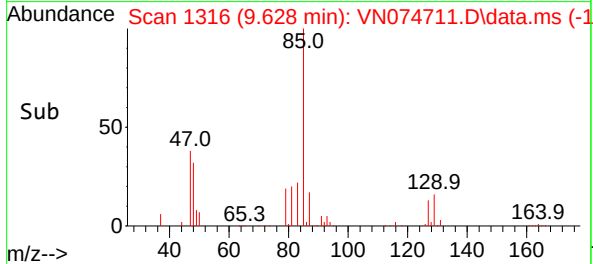
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 830098
Ion Ratio Lower Upper
83 100
85 58.9 50.5 75.7
127 7.4 6.8 10.2

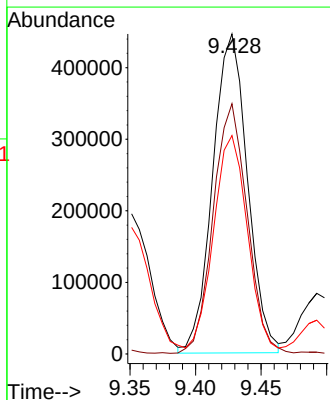
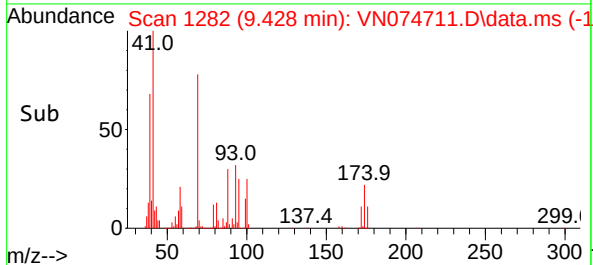
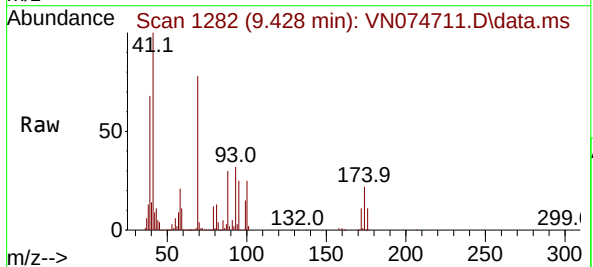
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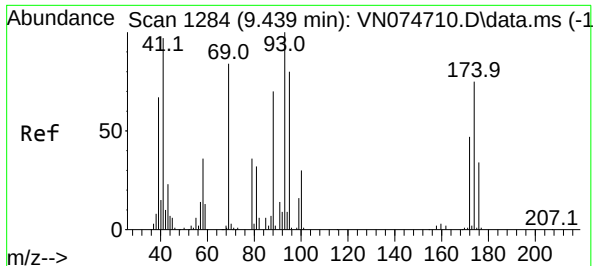
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#48
Methyl methacrylate
Concen: 113.604 ug/l
RT: 9.428 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

Tgt Ion: 41 Resp: 822317
Ion Ratio Lower Upper
41 100
69 76.4 74.7 112.1
39 64.5 45.6 68.4





#49

1,4-Dioxane

Concen: 2215.552 ug/l

RT: 9.434 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VN074711.D

Acq: 03 Oct 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

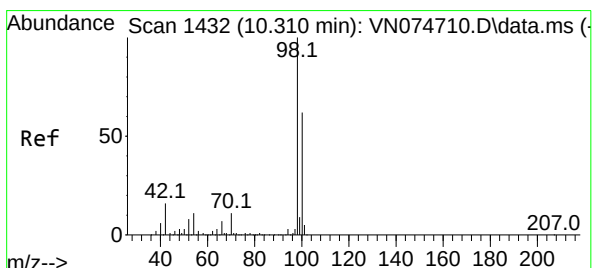
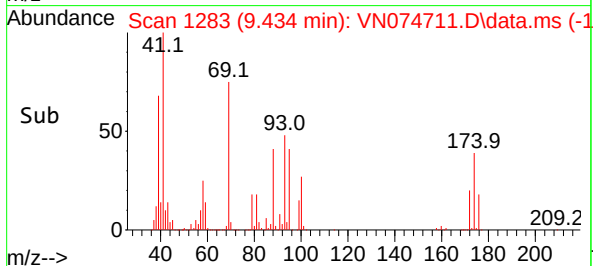
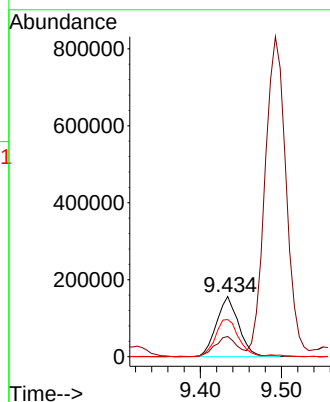
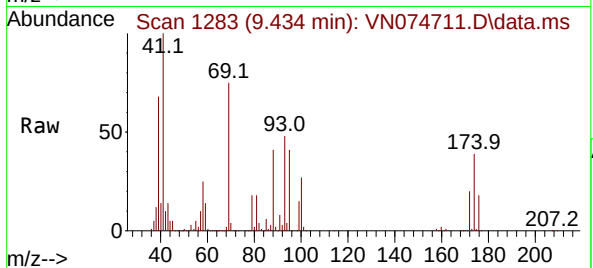
Tgt Ion: 88 Resp: 296598
 Ion Ratio Lower Upper
 88 100
 43 33.7 20.2 30.4
 58 64.5 54.2 81.4

Manual Integrations

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Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#50

Toluene-d8

Concen: 111.440 ug/l

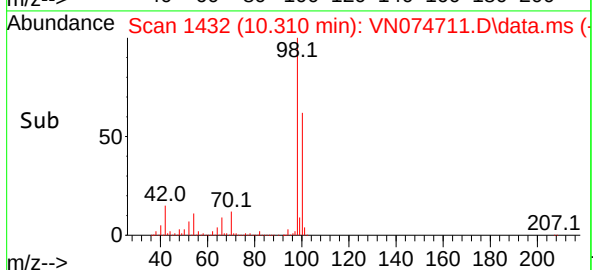
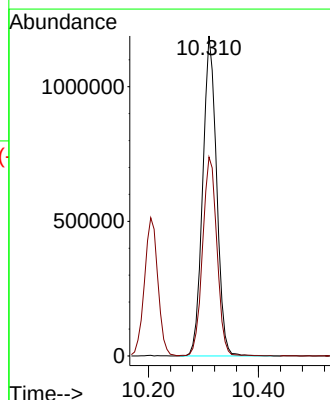
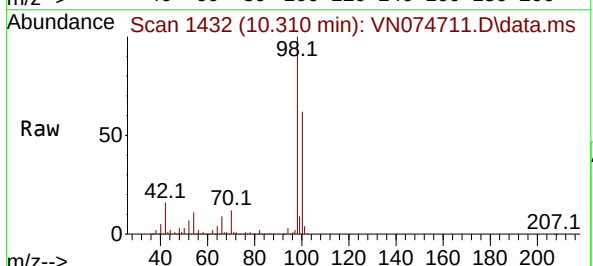
RT: 10.310 min Scan# 1432

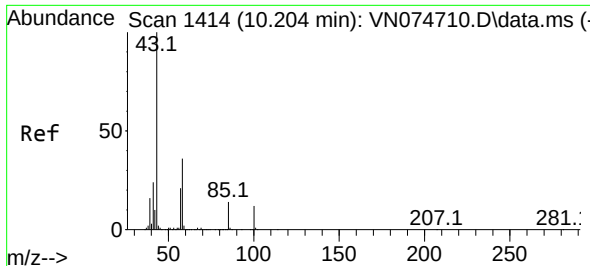
Delta R.T. 0.000 min

Lab File: VN074711.D

Acq: 03 Oct 2022 15:37

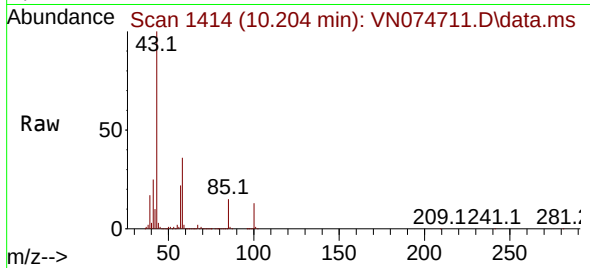
Tgt Ion: 98 Resp: 2082472
 Ion Ratio Lower Upper
 98 100
 100 64.4 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 575.751 ug/l
RT: 10.204 min Scan# 1414
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

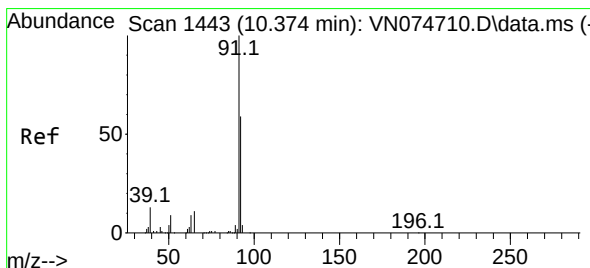
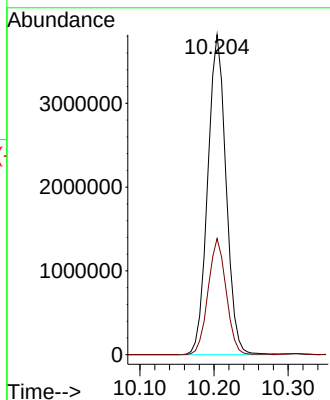
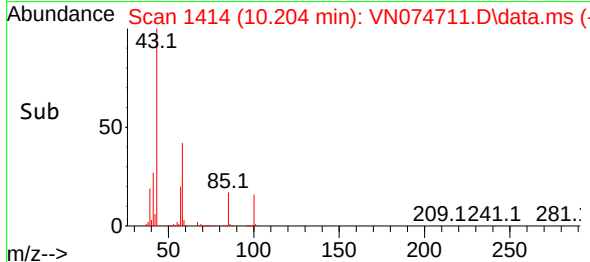
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



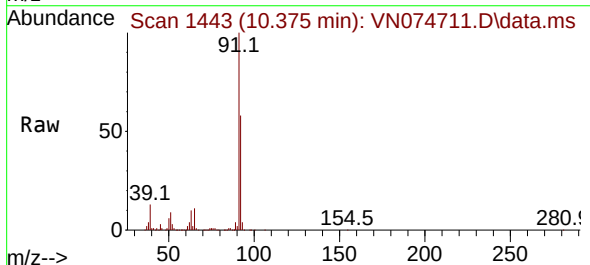
Tgt Ion: 43 Resp: 655364
Ion Ratio Lower Upper
43 100
58 35.9 34.1 51.1

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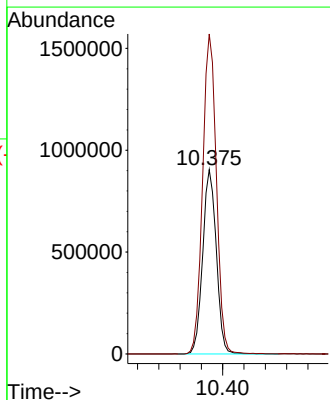
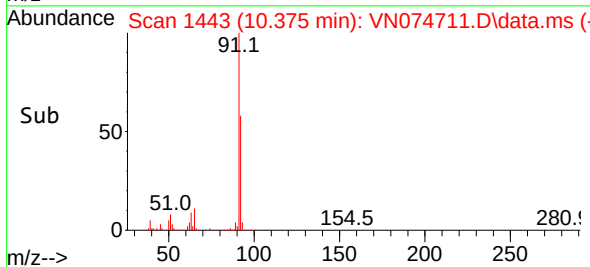
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

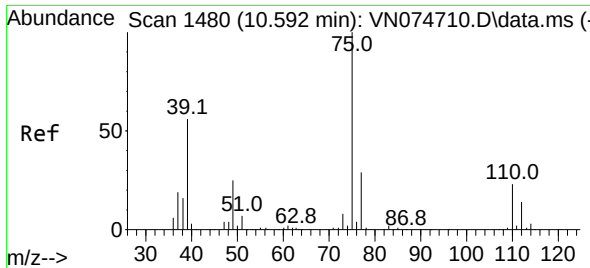


#52
Toluene
Concen: 116.350 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37



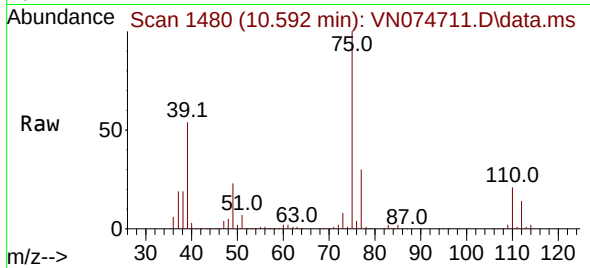
Tgt Ion: 92 Resp: 1597998
Ion Ratio Lower Upper
92 100
91 176.0 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 127.562 ug/l
RT: 10.592 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

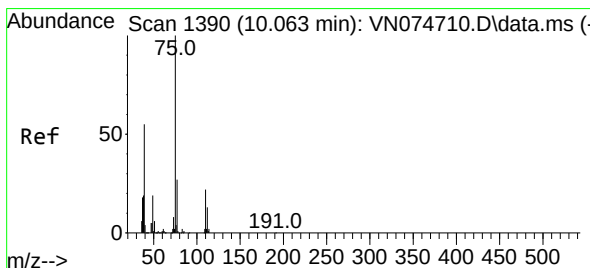
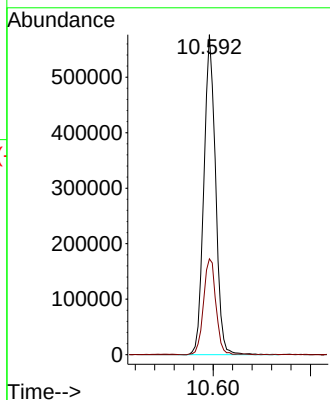
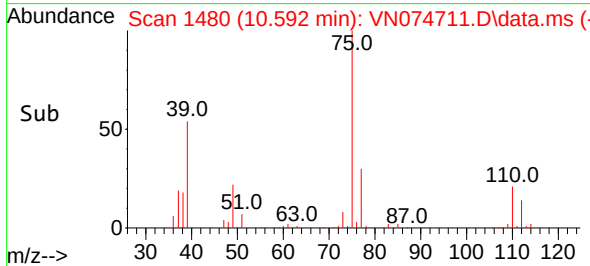
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 95478
Ion Ratio Lower Upper
75 100
77 29.9 25.6 38.4

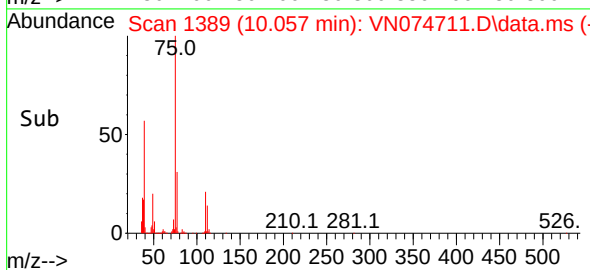
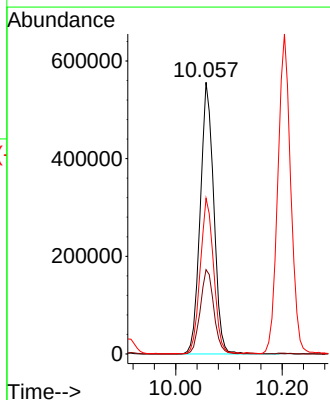
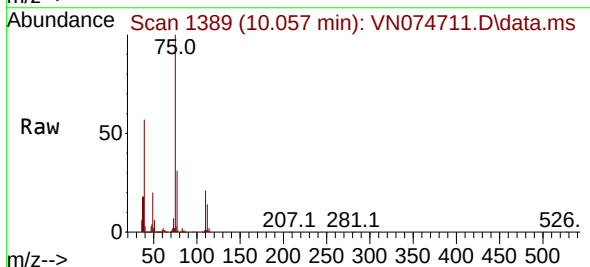
Manual Integrations
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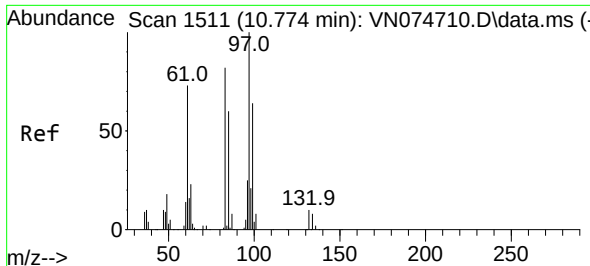
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#54
cis-1,3-Dichloropropene
Concen: 116.955 ug/l
RT: 10.057 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

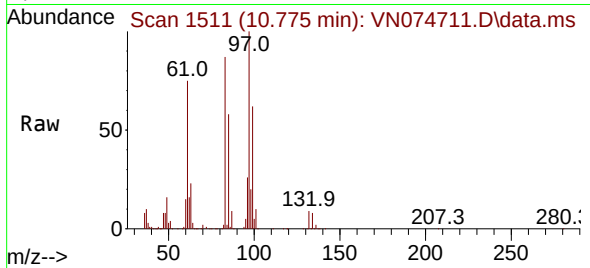
Tgt Ion: 75 Resp: 979174
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
39 57.2 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 106.089 ug/l
RT: 10.775 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

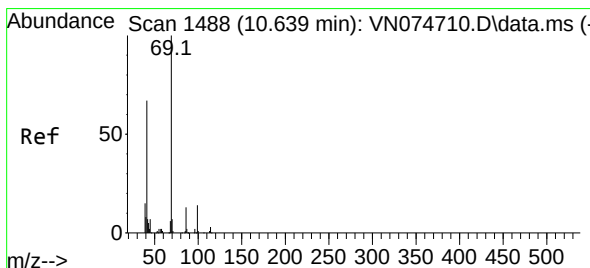
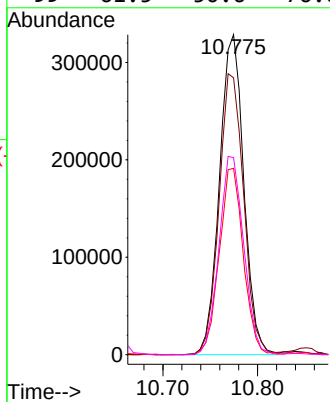
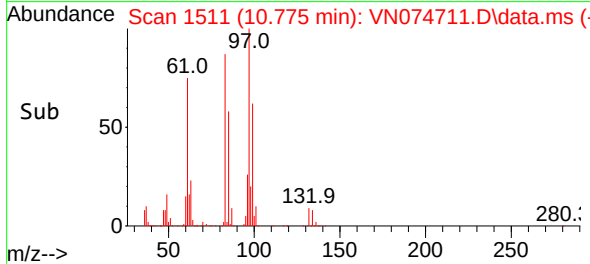
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 97 Resp: 58614
Ion Ratio Lower Upper
97 100
83 86.5 66.2 99.4
85 58.3 43.9 65.9
99 61.5 50.6 76.0

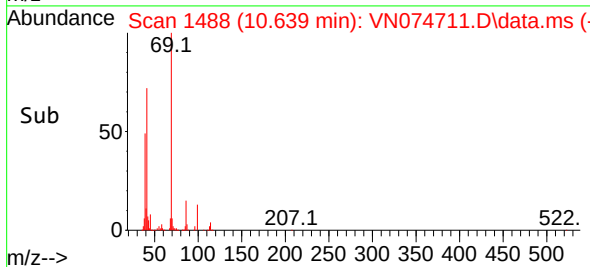
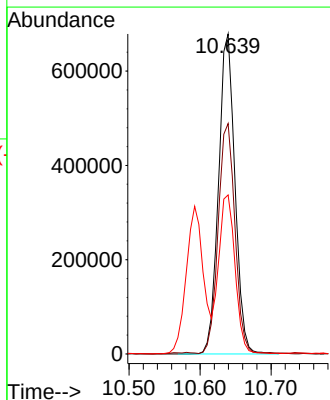
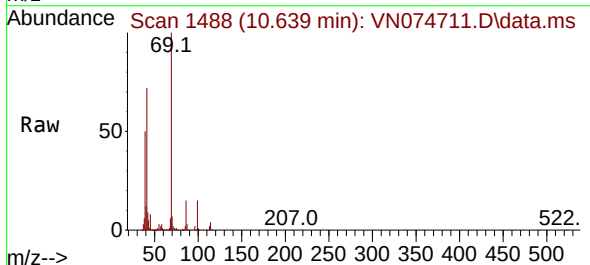
Manual Integrations
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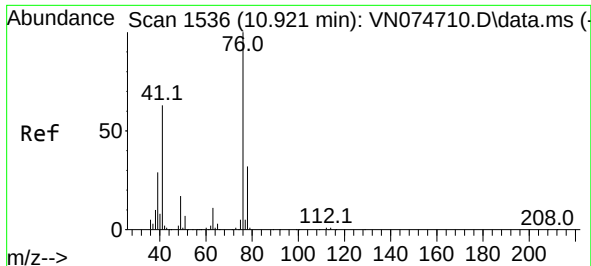
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#56
Ethyl methacrylate
Concen: 124.642 ug/l
RT: 10.639 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

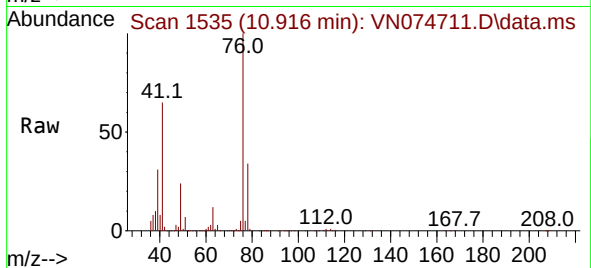
Tgt Ion: 69 Resp: 1084008
Ion Ratio Lower Upper
69 100
41 73.5 47.8 71.6#
39 49.3 27.3 40.9#





#57
1,3-Dichloropropane
Concen: 105.655 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.006 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

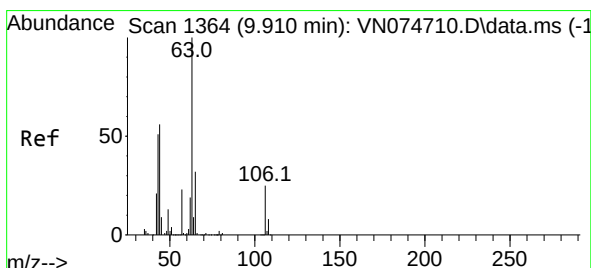
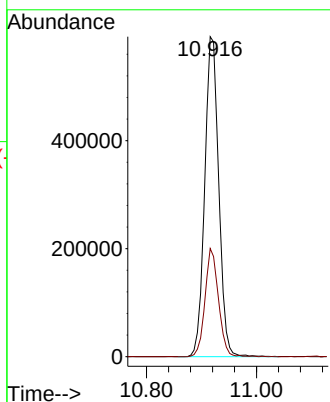
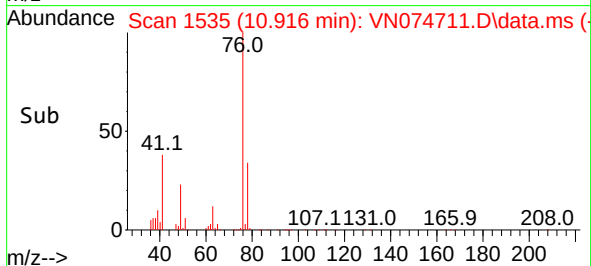
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 104876
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.2

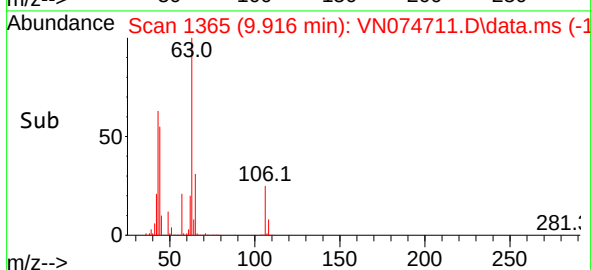
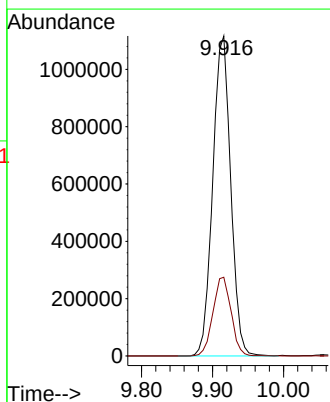
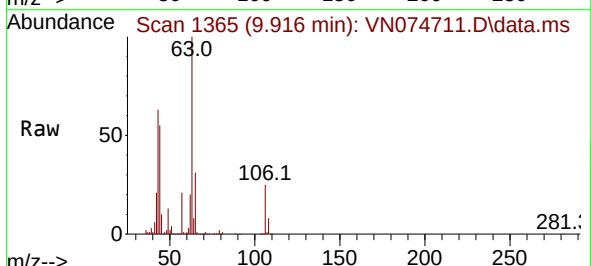
Manual Integrations
APPROVED

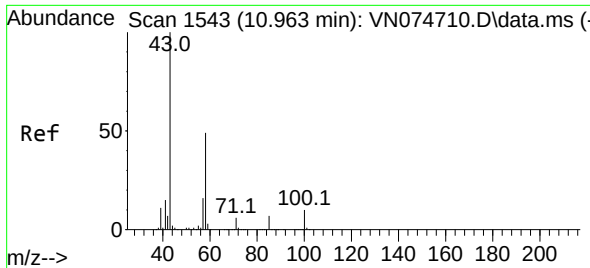
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#58
2-Chloroethyl Vinyl ether
Concen: 583.397 ug/l
RT: 9.916 min Scan# 1365
Delta R.T. 0.006 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

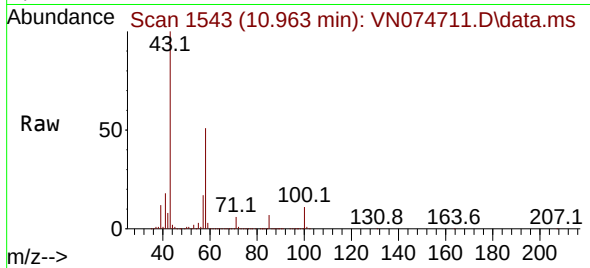
Tgt Ion: 63 Resp: 1956656
Ion Ratio Lower Upper
63 100
106 24.9 24.6 36.8





#59
2-Hexanone
Concen: 588.825 ug/l
RT: 10.963 min Scan# 1543
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

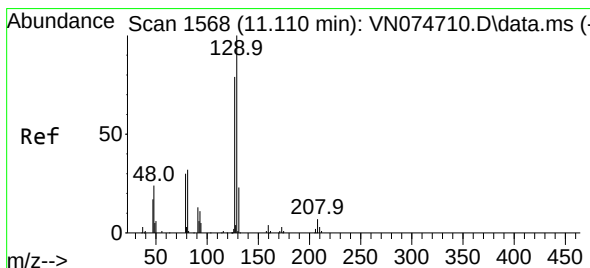
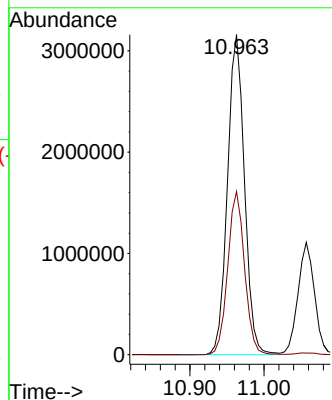
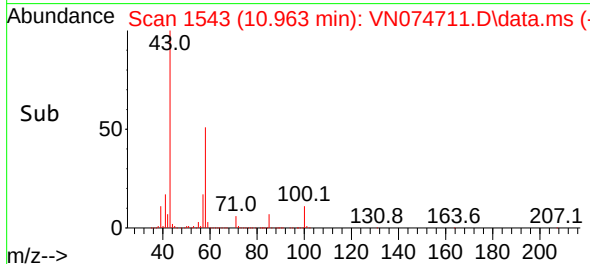
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 5021994
Ion Ratio Lower Upper
43 100
58 50.6 29.7 89.1

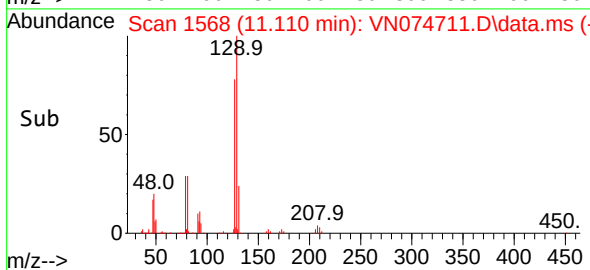
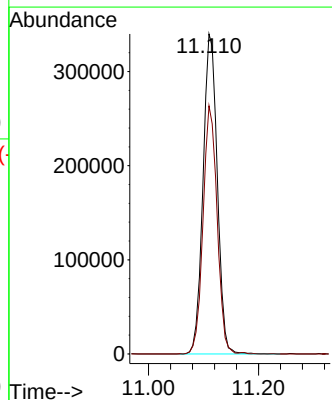
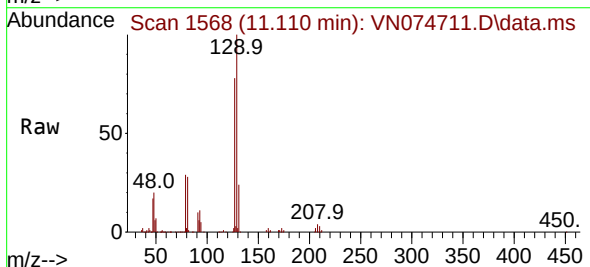
Manual Integrations
APPROVED

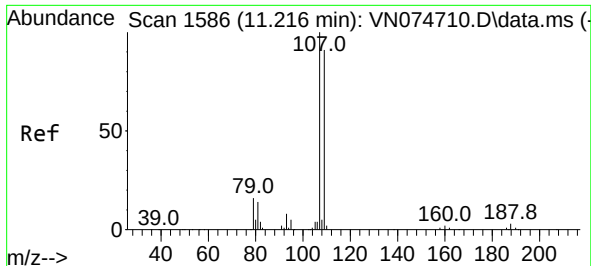
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#60
Dibromochloromethane
Concen: 121.045 ug/l
RT: 11.110 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

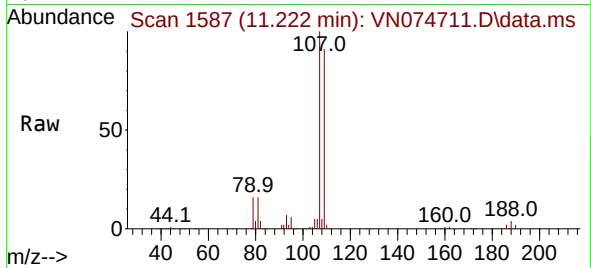
Tgt Ion:129 Resp: 611734
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 109.134 ug/l
RT: 11.222 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

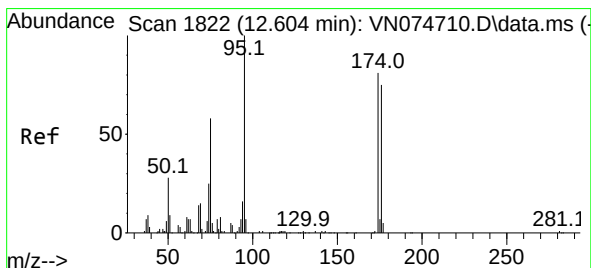
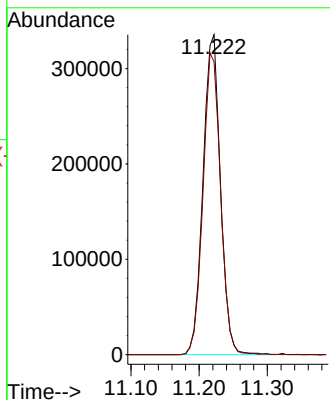
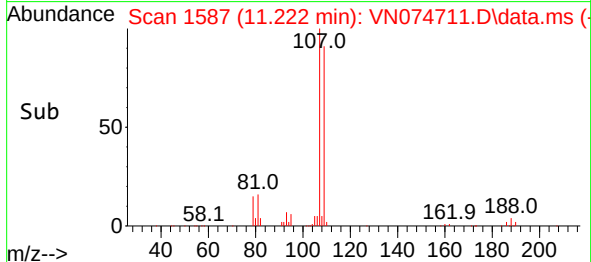
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:107 Resp: 596160
Ion Ratio Lower Upper
107 100
109 95.0 75.0 112.6

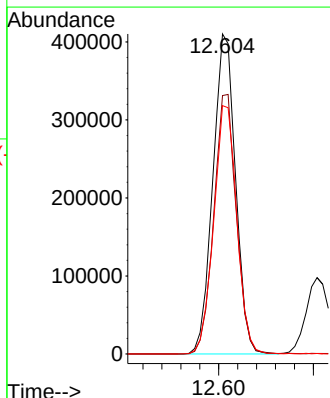
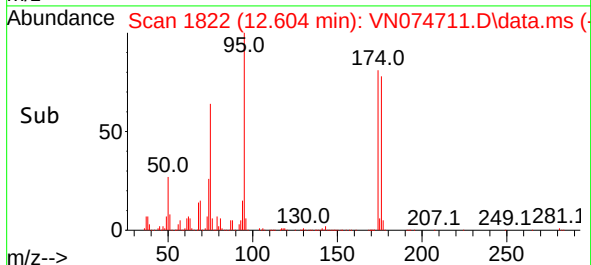
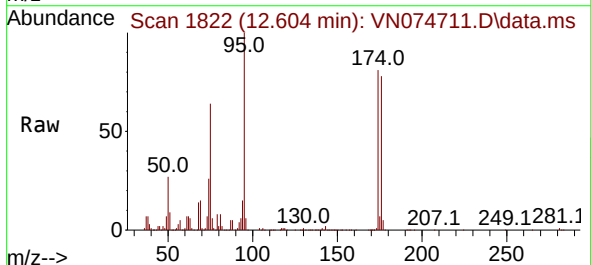
Manual Integrations
APPROVED

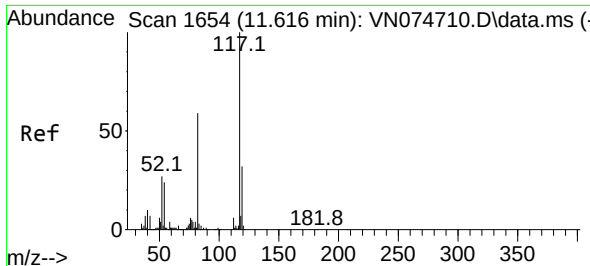
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#62
4-Bromofluorobenzene
Concen: 124.956 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

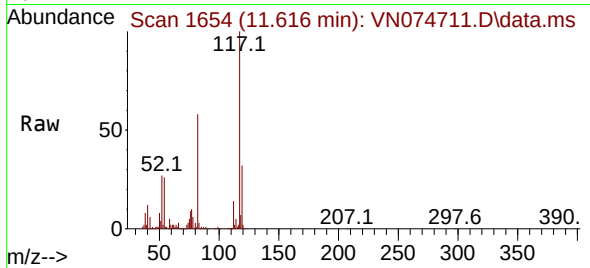
Tgt Ion: 95 Resp: 681970
Ion Ratio Lower Upper
95 100
174 80.4 0.0 167.6
176 79.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

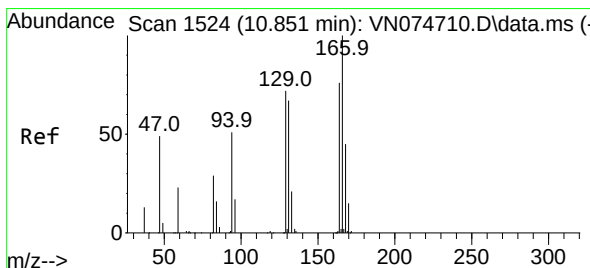
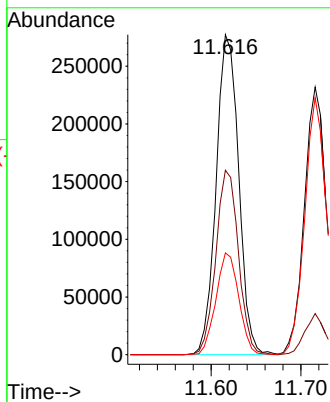
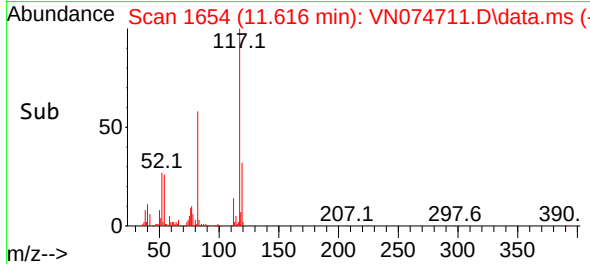
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



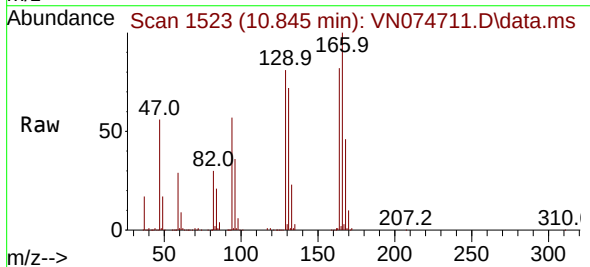
Tgt Ion:117 Resp: 48437
Ion Ratio Lower Upper
117 100
82 57.6 44.2 66.2
119 31.8 25.4 38.0

Manual Integrations
APPROVED

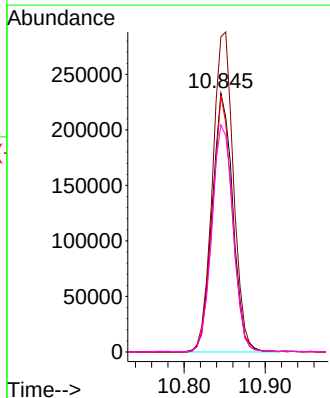
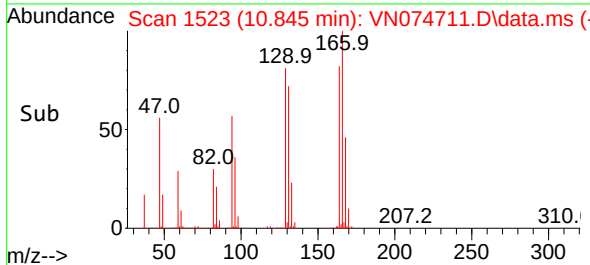
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

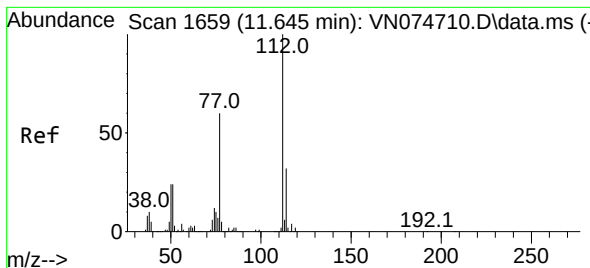


#64
Tetrachloroethene
Concen: 104.399 ug/l
RT: 10.845 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37



Tgt Ion:164 Resp: 412552
Ion Ratio Lower Upper
164 100
166 121.9 104.2 156.2
129 99.2 73.9 110.9
131 87.5 69.4 104.2





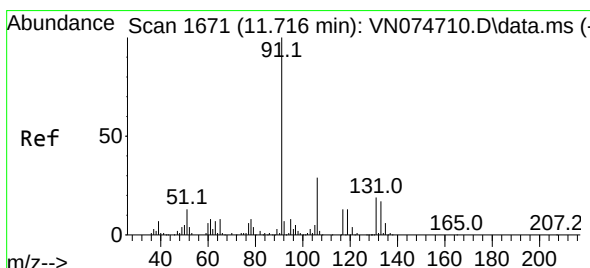
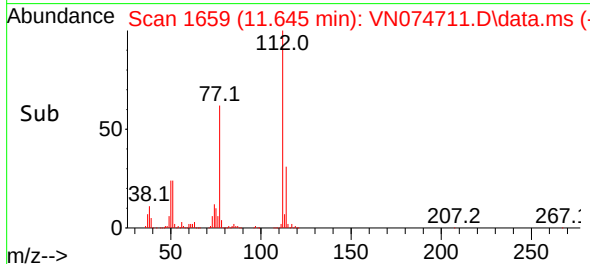
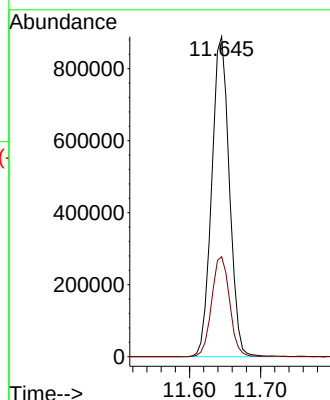
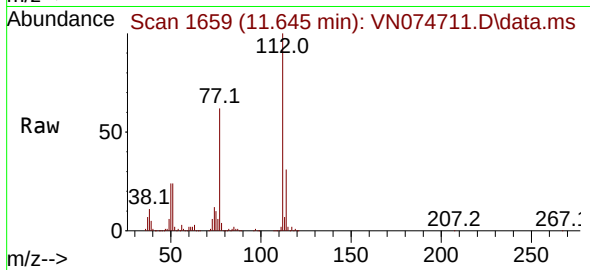
#65
Chlorobenzene
Concen: 104.123 ug/l
RT: 11.645 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 153133
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2

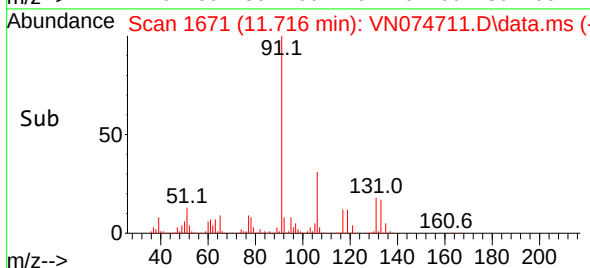
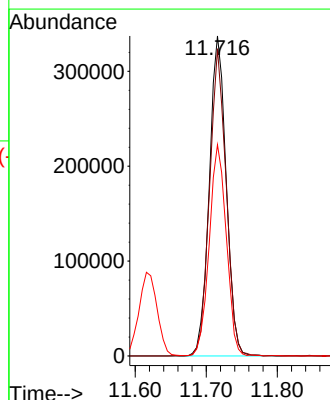
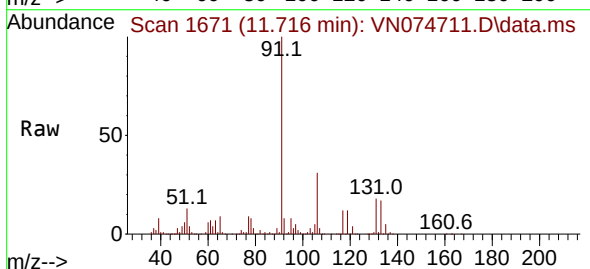
Manual Integrations
APPROVED

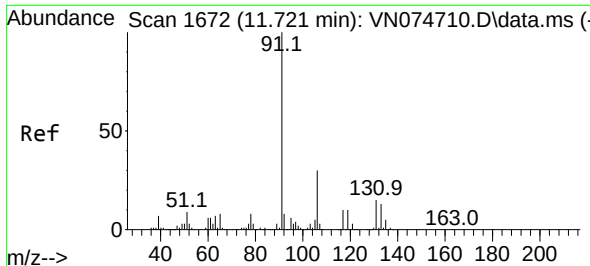
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 114.891 ug/l
RT: 11.716 min Scan# 1671
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

Tgt Ion:131 Resp: 557481
Ion Ratio Lower Upper
131 100
133 94.4 47.8 143.4
119 66.9 33.4 100.2





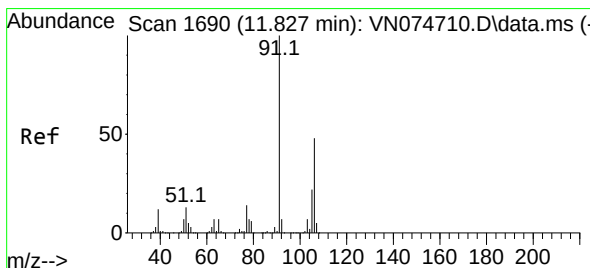
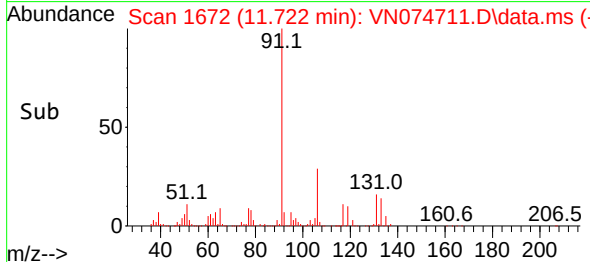
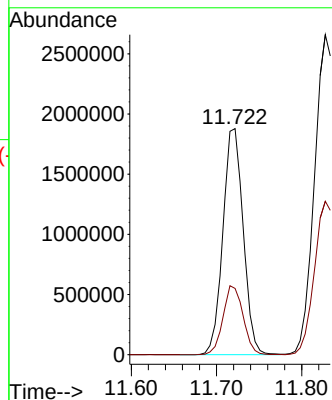
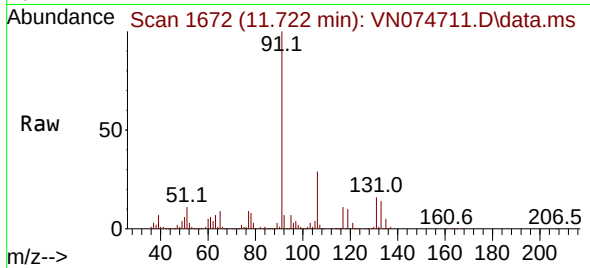
#67
Ethyl Benzene
Concen: 113.628 ug/l
RT: 11.722 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 3114320
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3

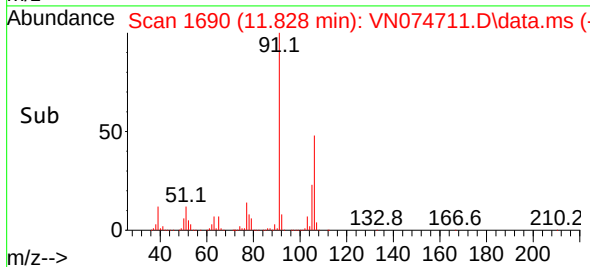
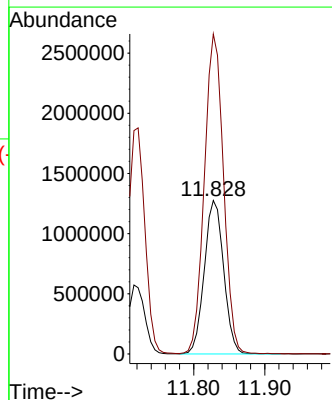
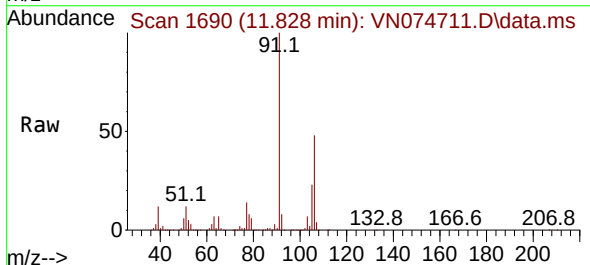
Manual Integrations
APPROVED

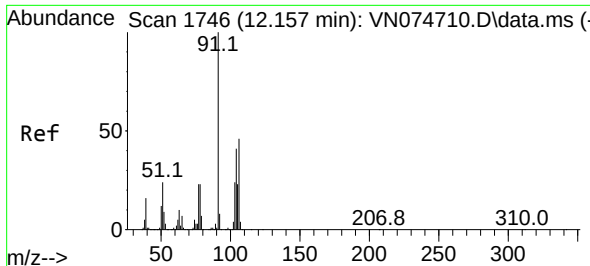
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#68
m/p-Xylenes
Concen: 236.186 ug/l
RT: 11.828 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

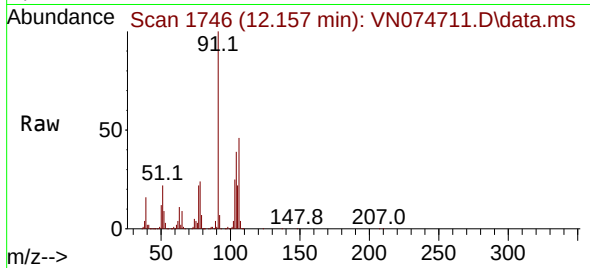
Tgt Ion:106 Resp: 2412496
Ion Ratio Lower Upper
106 100
91 206.7 158.9 238.3





#69
o-Xylene
Concen: 116.020 ug/l
RT: 12.157 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

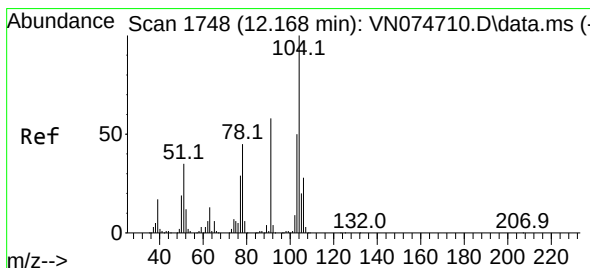
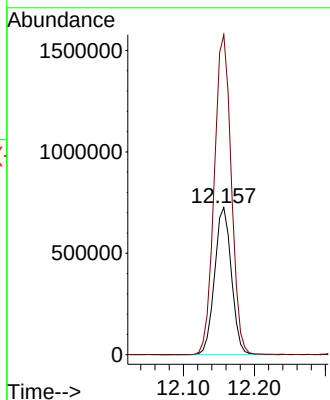
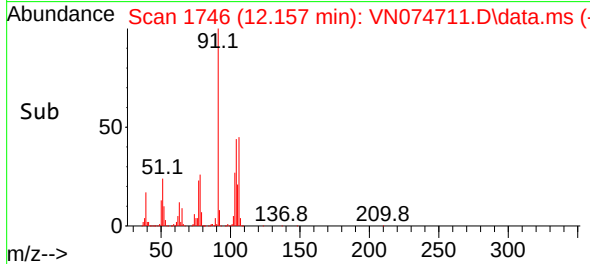
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



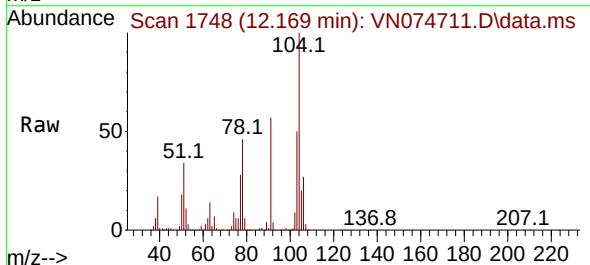
Tgt Ion:106 Resp: 1189412
Ion Ratio Lower Upper
106 100
91 220.0 106.0 318.0

Manual Integrations
APPROVED

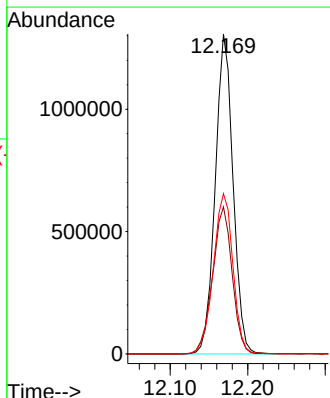
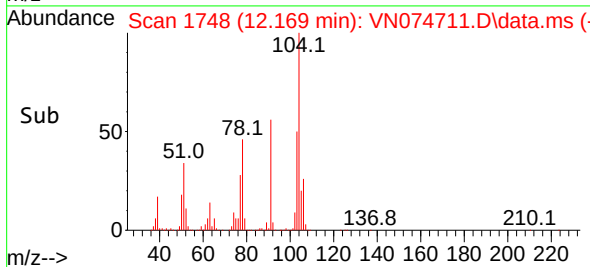
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

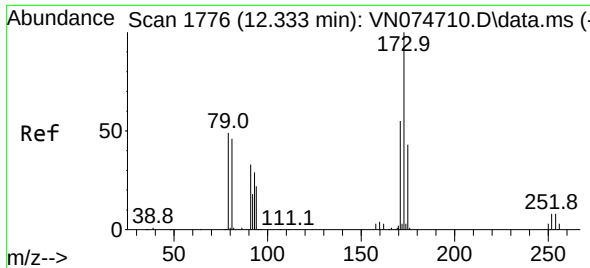


#70
Styrene
Concen: 127.438 ug/l
RT: 12.169 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37



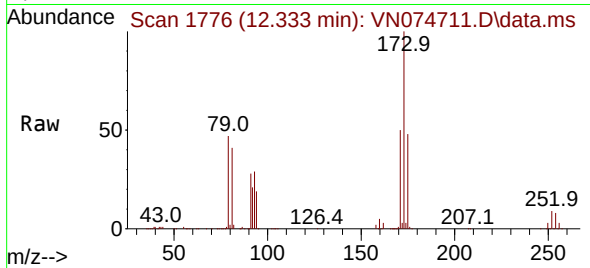
Tgt Ion:104 Resp: 2085423
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 55.3 44.0 66.0





#71
Bromoform
Concen: 135.517 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

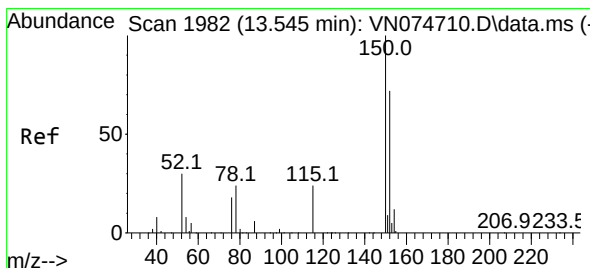
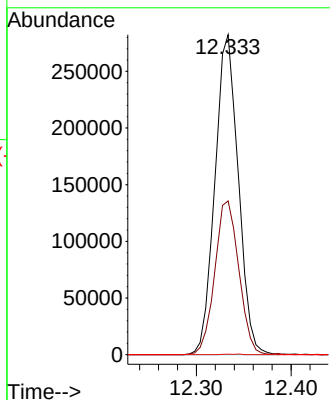
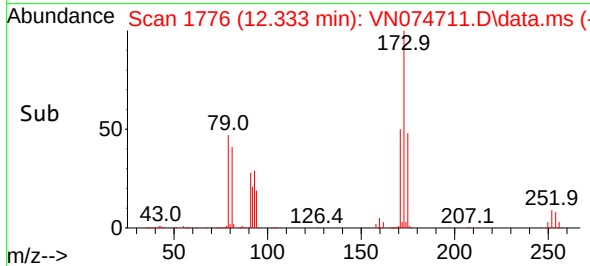
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



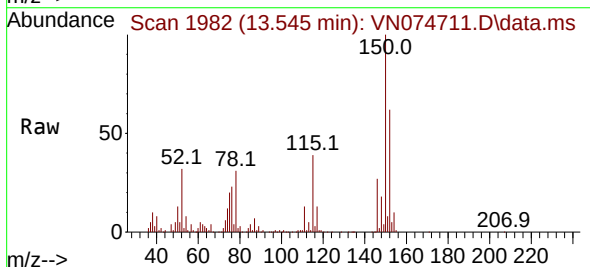
Tgt Ion:173 Resp: 483890
Ion Ratio Lower Upper
173 100
175 49.6 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
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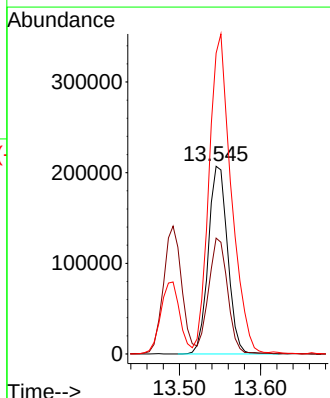
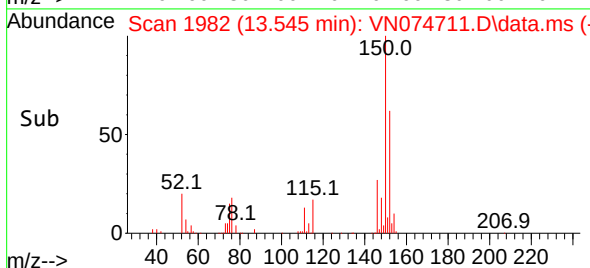
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

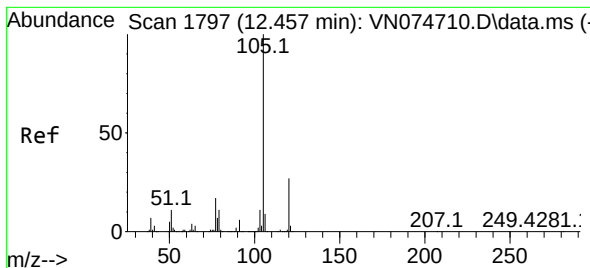


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.545 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37



Tgt Ion:152 Resp: 342645
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.7
150 193.9 0.0 356.2





#73

Isopropylbenzene

Concen: 101.163 ug/l

RT: 12.457 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VN074711.D

Acq: 03 Oct 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 320265

Ion Ratio Lower Upper

105 100

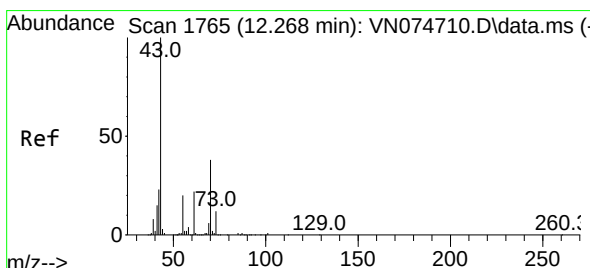
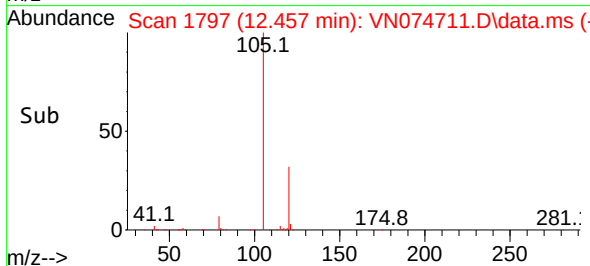
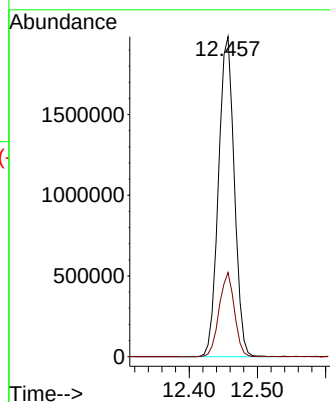
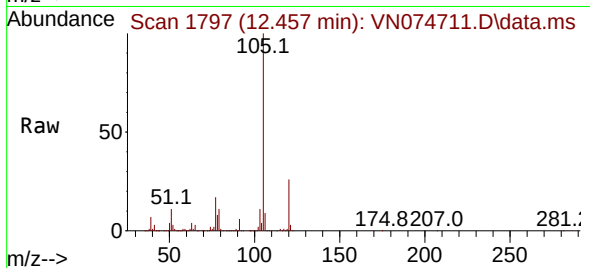
120 25.4 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#74

N-ethyl acetate

Concen: 111.803 ug/l

RT: 12.269 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VN074711.D

Acq: 03 Oct 2022 15:37

Tgt Ion: 43 Resp: 1749636

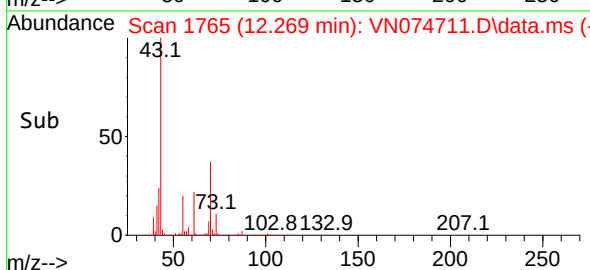
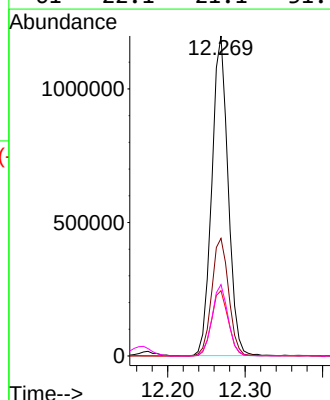
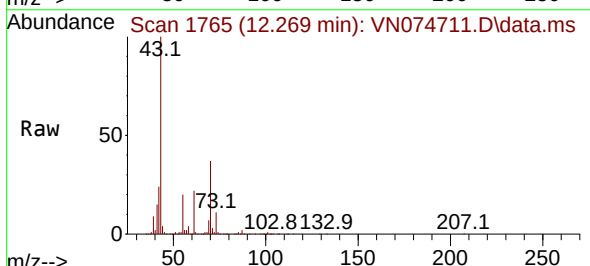
Ion Ratio Lower Upper

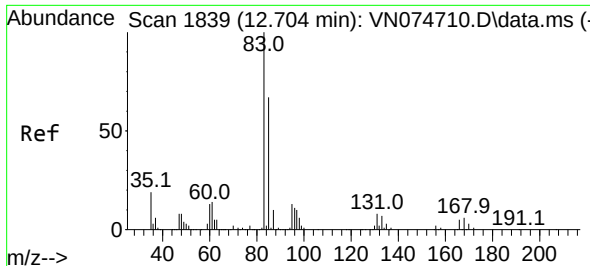
43 100

70 38.4 39.0 58.4#

55 20.9 21.1 31.7#

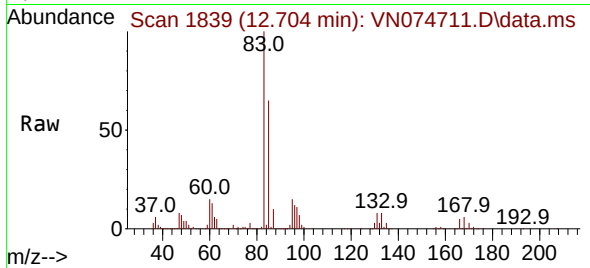
61 22.1 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 88.890 ug/l
RT: 12.704 min Scan# 1839
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

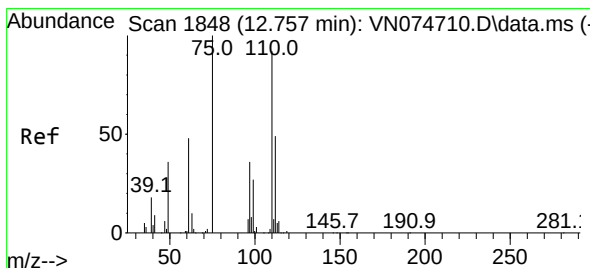
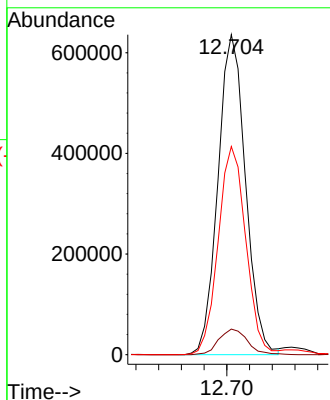
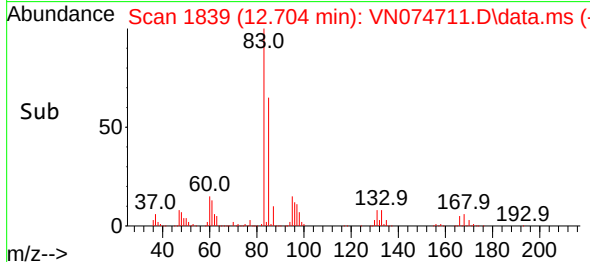
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



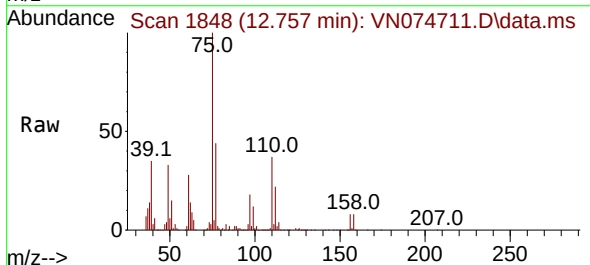
Tgt Ion: 83 Resp: 107331
Ion Ratio Lower Upper
83 100
131 8.3 5.3 15.9
85 65.1 32.3 96.9

Manual Integrations
APPROVED

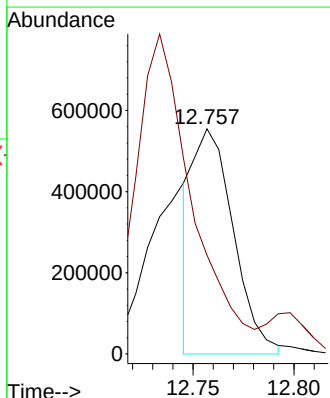
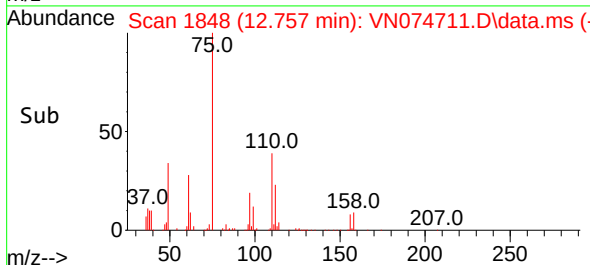
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

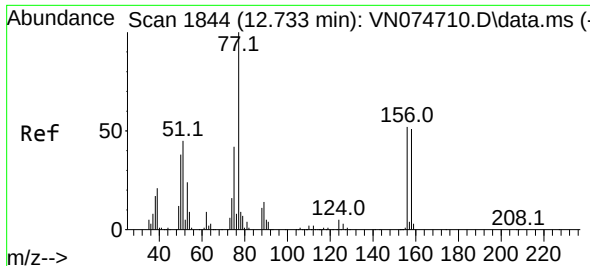


#76
1,2,3-Trichloropropane
Concen: 81.998 ug/l m
RT: 12.757 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37



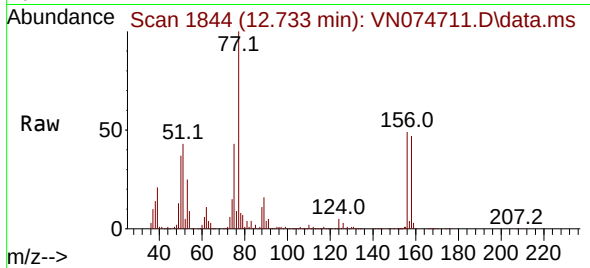
Tgt Ion: 75 Resp: 777099
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 95.639 ug/l
RT: 12.733 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

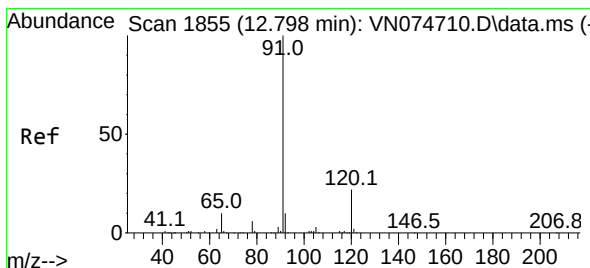
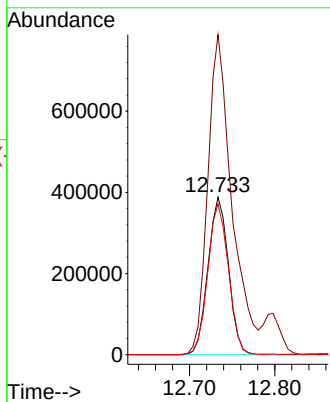
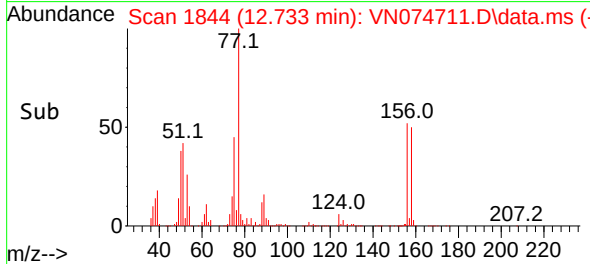
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



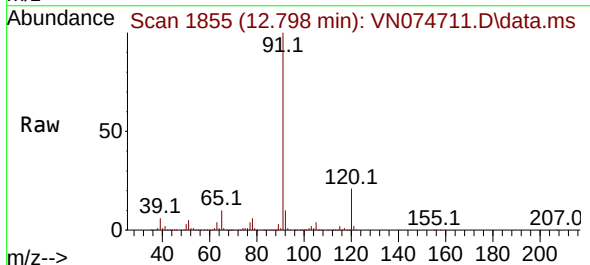
Tgt Ion:156 Resp: 647249
Ion Ratio Lower Upper
156 100
77 238.4 100.5 301.5
158 96.6 48.9 146.6

Manual Integrations
APPROVED

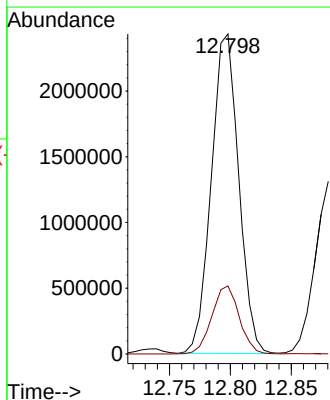
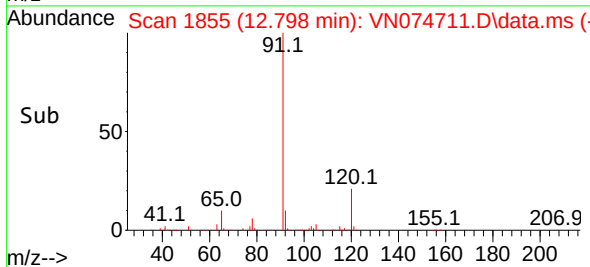
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

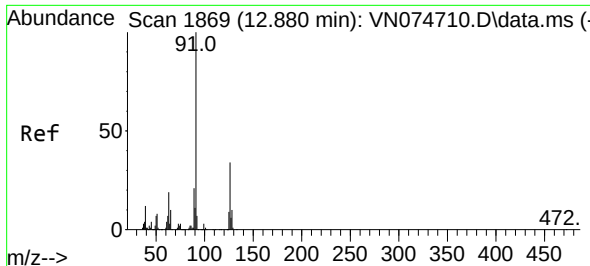


#78
n-propylbenzene
Concen: 105.005 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37



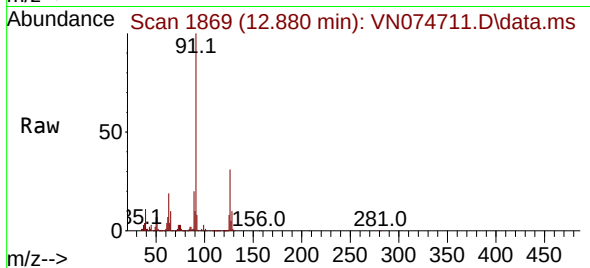
Tgt Ion: 91 Resp: 3806004
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.5





#79
2-Chlorotoluene
Concen: 99.260 ug/l
RT: 12.880 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

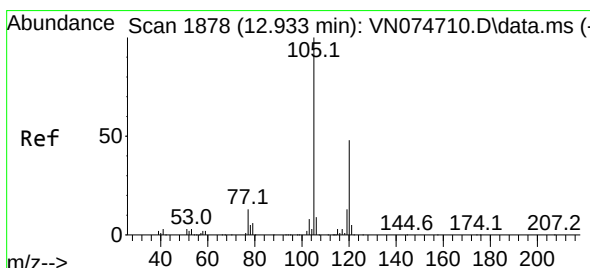
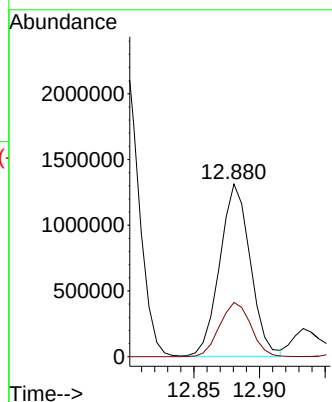
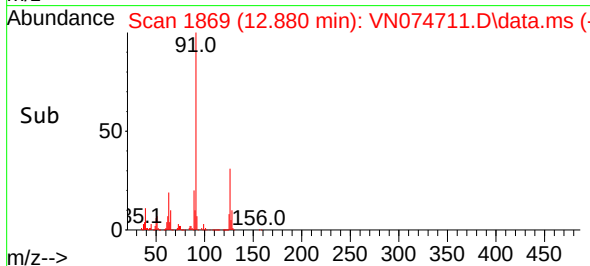
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



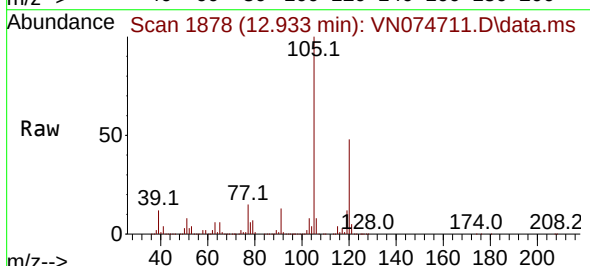
Tgt Ion: 91 Resp: 211991
Ion Ratio Lower Upper
91 100
126 32.3 17.3 51.9

Manual Integrations
APPROVED

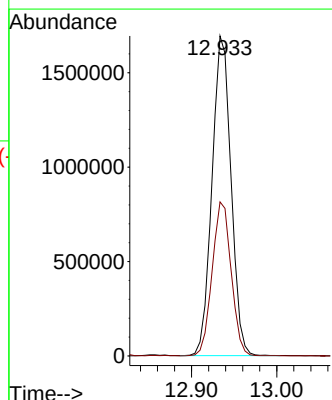
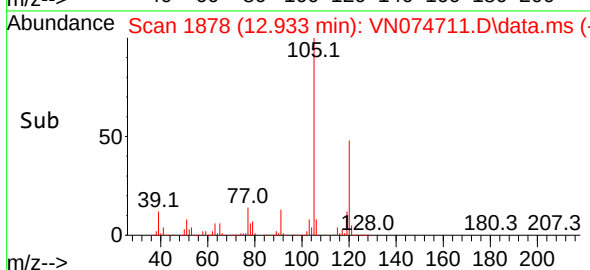
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

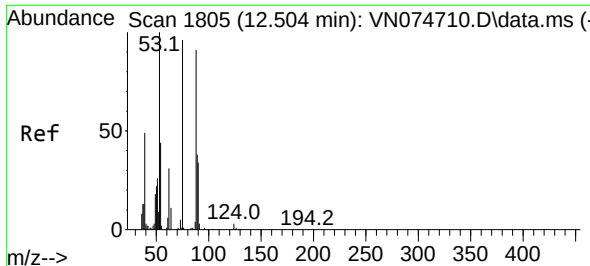


#80
1,3,5-Trimethylbenzene
Concen: 104.060 ug/l
RT: 12.933 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37



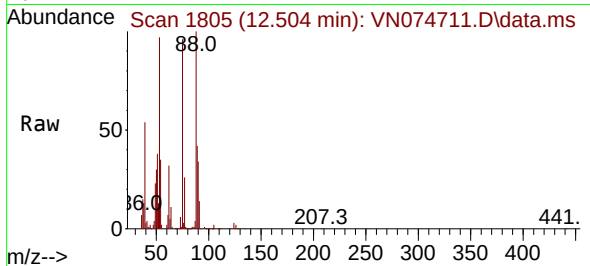
Tgt Ion:105 Resp: 2629728
Ion Ratio Lower Upper
105 100
120 48.2 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 123.139 ug/l
RT: 12.504 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

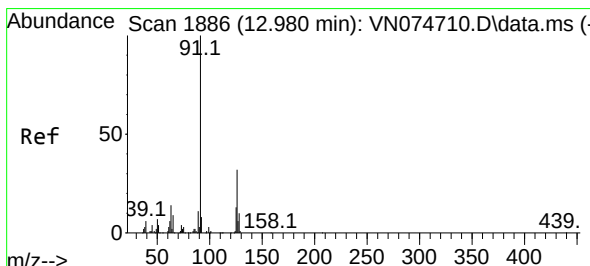
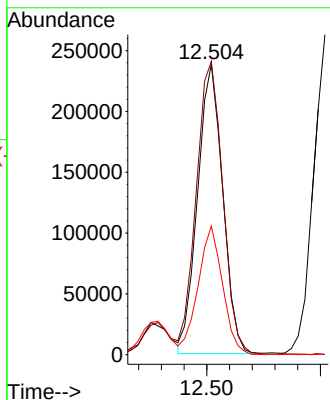
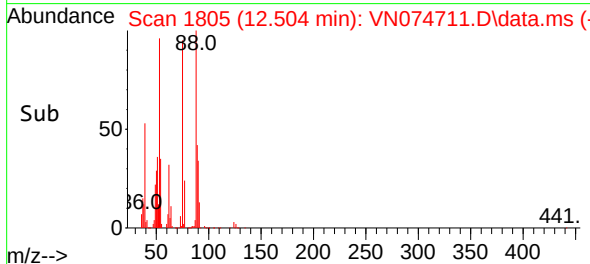
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 36521
Ion Ratio Lower Upper
75 100
53 106.0 78.0 117.0
89 43.5 37.2 55.8

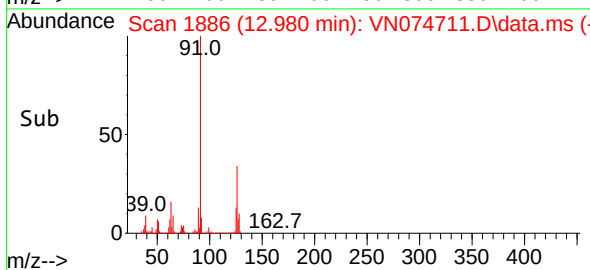
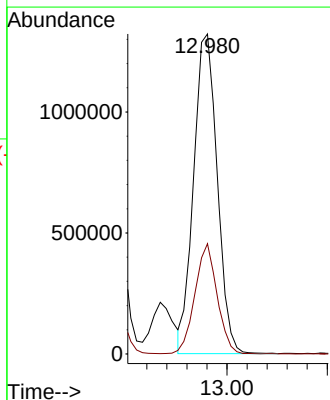
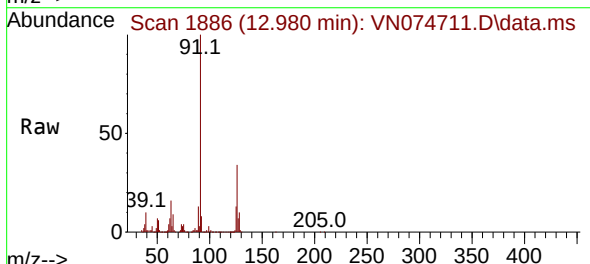
Manual Integrations
APPROVED

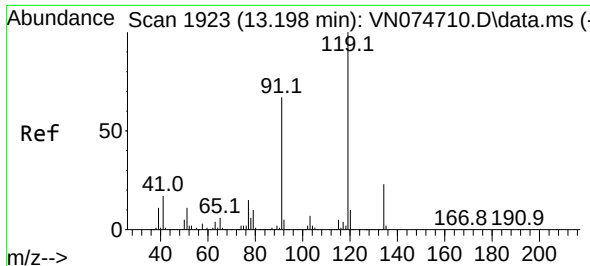
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#82
4-Chlorotoluene
Concen: 104.649 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

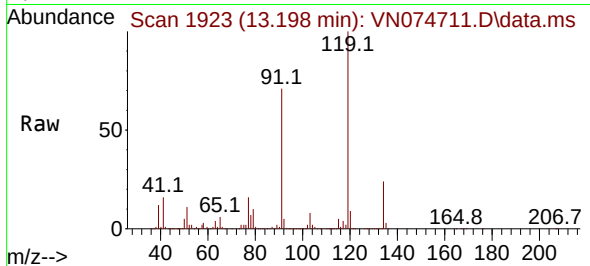
Tgt Ion: 91 Resp: 2161725
Ion Ratio Lower Upper
91 100
126 32.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 99.611 ug/l
RT: 13.198 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

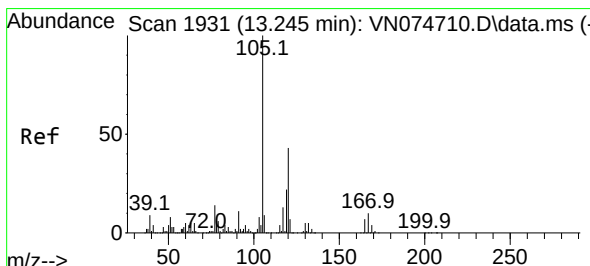
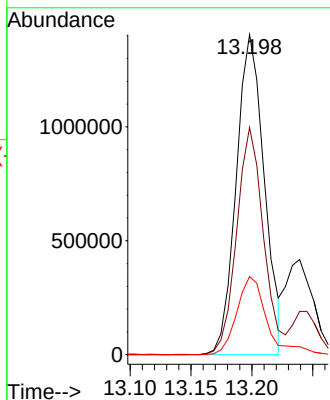
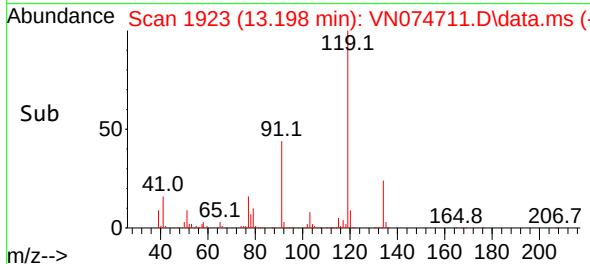
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



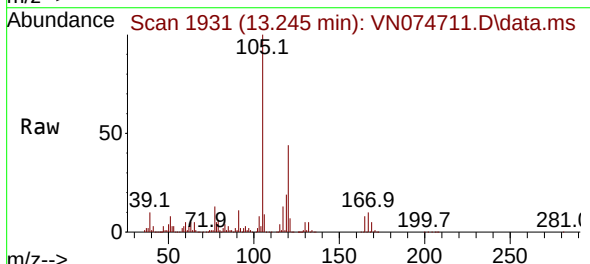
Tgt Ion:119 Resp: 2252120
Ion Ratio Lower Upper
119 100
91 68.1 31.6 94.8
134 26.2 13.7 41.1

Manual Integrations
APPROVED

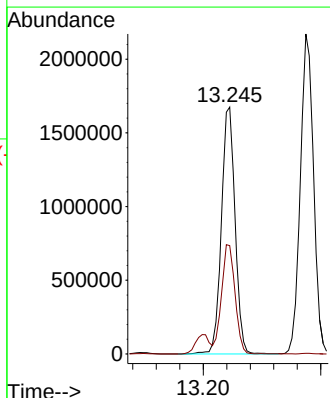
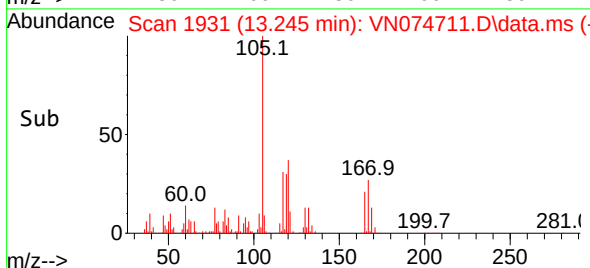
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

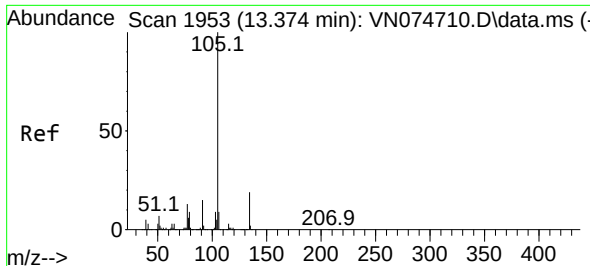


#84
1,2,4-Trimethylbenzene
Concen: 111.182 ug/l
RT: 13.245 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37



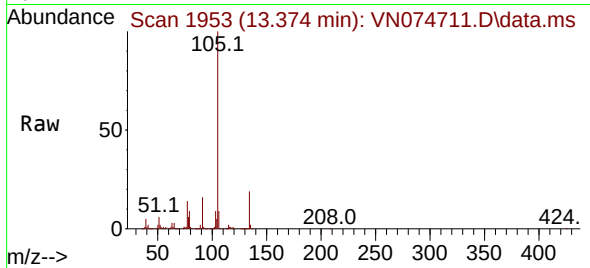
Tgt Ion:105 Resp: 2706050
Ion Ratio Lower Upper
105 100
120 43.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 104.919 ug/l
 RT: 13.374 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN074711.D
 Acq: 03 Oct 2022 15:37

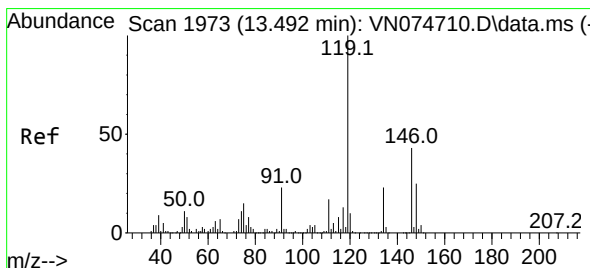
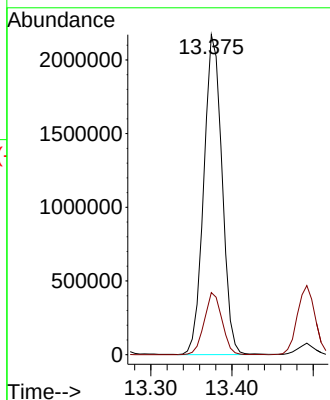
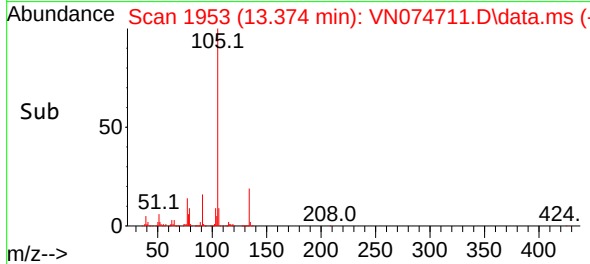
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



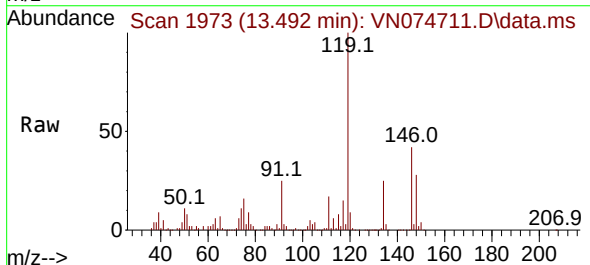
Tgt Ion:105 Resp: 338217
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.4 31.1

Manual Integrations
 APPROVED

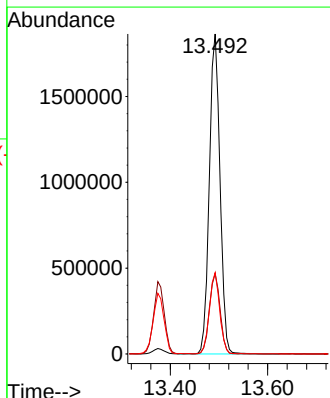
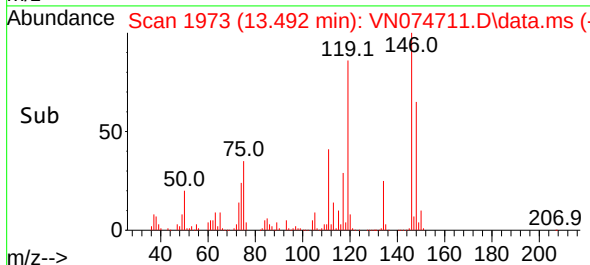
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022

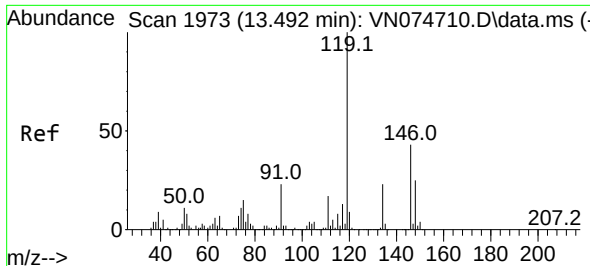


#86
 p-Isopropyltoluene
 Concen: 114.022 ug/l
 RT: 13.492 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VN074711.D
 Acq: 03 Oct 2022 15:37



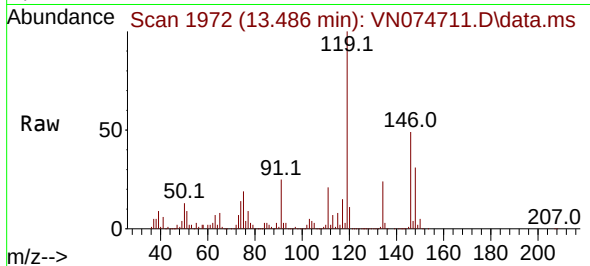
Tgt Ion:119 Resp: 2817715
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.3 39.8
 91 24.4 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 102.166 ug/l
RT: 13.486 min Scan# 1973
Delta R.T. -0.006 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

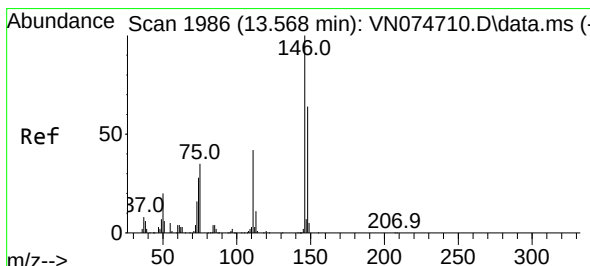
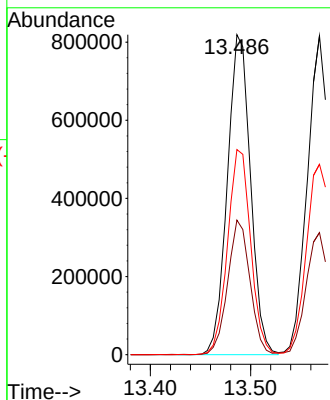
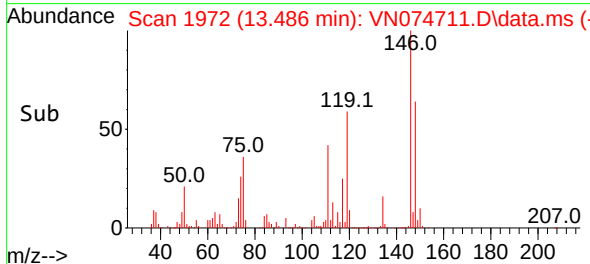
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 1313920
Ion Ratio Lower Upper
146 100
111 40.5 20.0 60.0
148 64.0 32.0 96.0

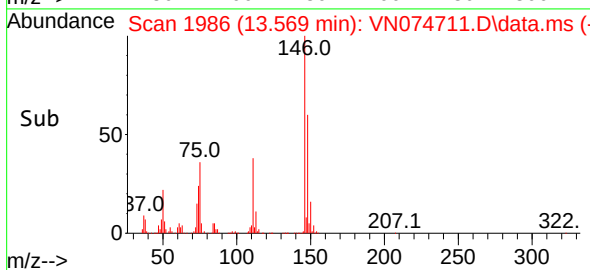
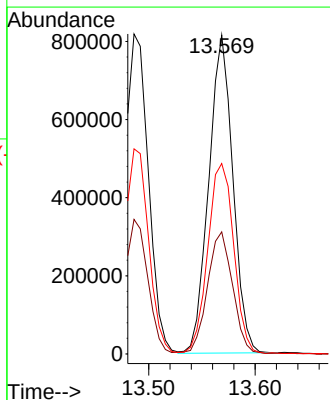
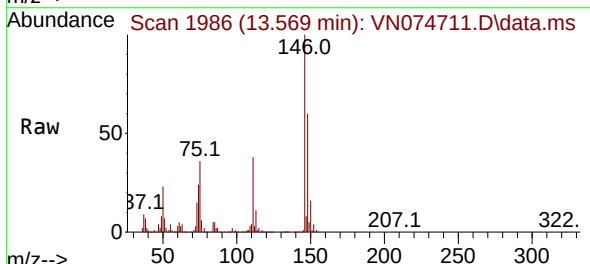
Manual Integrations
APPROVED

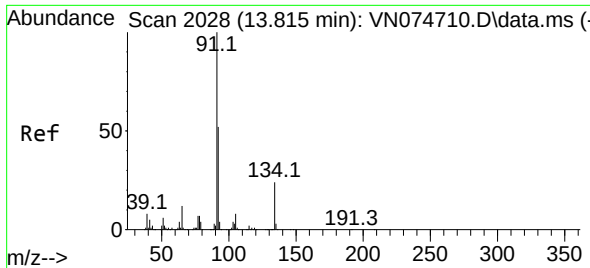
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#88
1,4-Dichlorobenzene
Concen: 101.572 ug/l
RT: 13.569 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

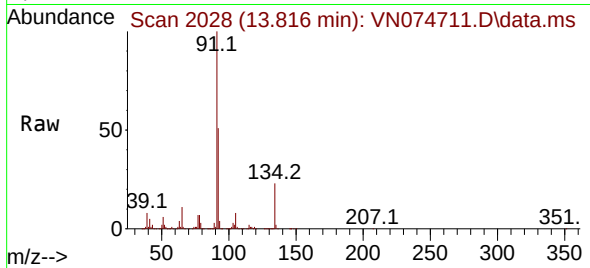
Tgt Ion:146 Resp: 1279828
Ion Ratio Lower Upper
146 100
111 39.6 19.1 57.1
148 65.0 31.4 94.3





#89
n-Butylbenzene
Concen: 112.965 ug/l
RT: 13.816 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

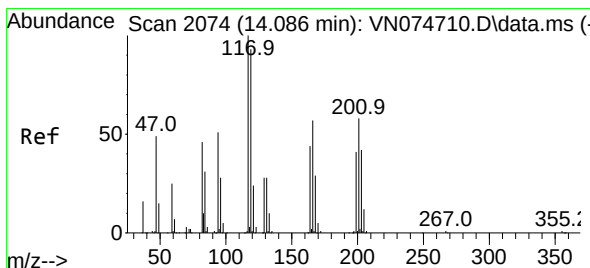
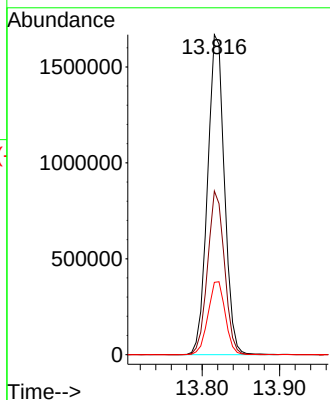
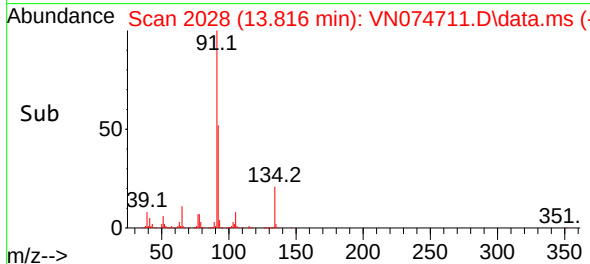
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 2521160
Ion Ratio Lower Upper
91 100
92 51.2 26.9 80.7
134 23.4 13.6 40.8

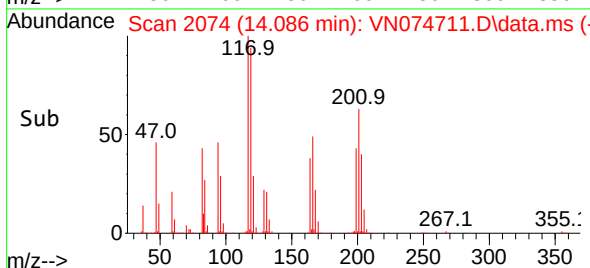
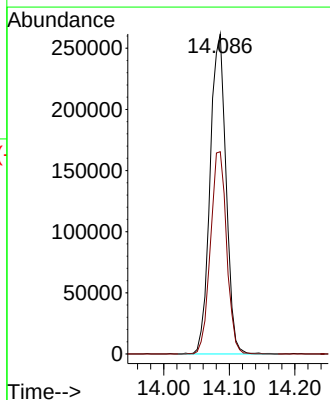
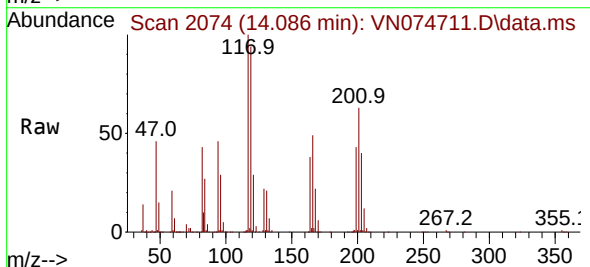
Manual Integrations
APPROVED

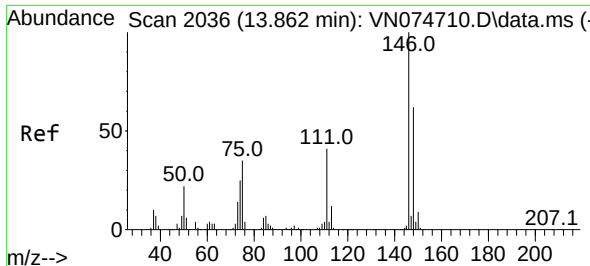
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#90
Hexachloroethane
Concen: 105.225 ug/l
RT: 14.086 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

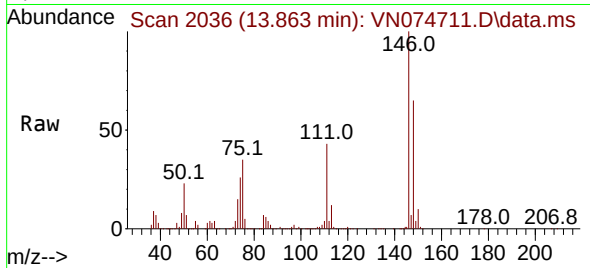
Tgt Ion:117 Resp: 440977
Ion Ratio Lower Upper
117 100
201 64.0 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 105.901 ug/l
RT: 13.863 min Scan# 2036
Delta R.T. 0.000 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

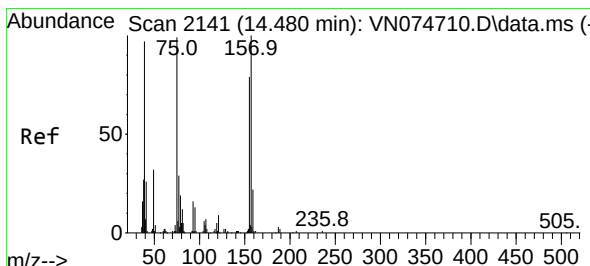
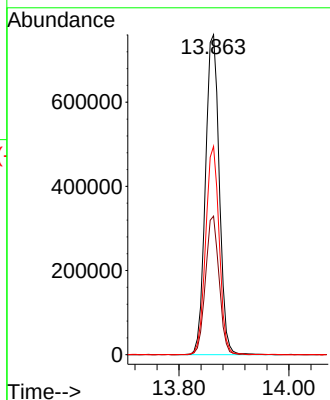
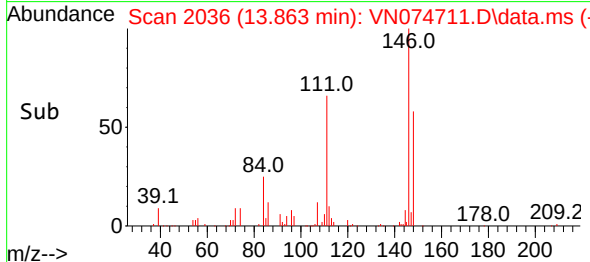
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 1324830
Ion Ratio Lower Upper
146 100
111 42.8 20.9 62.8
148 63.7 32.1 96.3

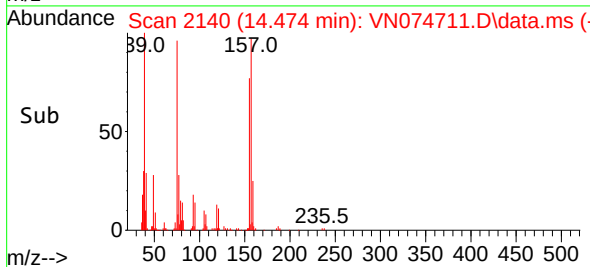
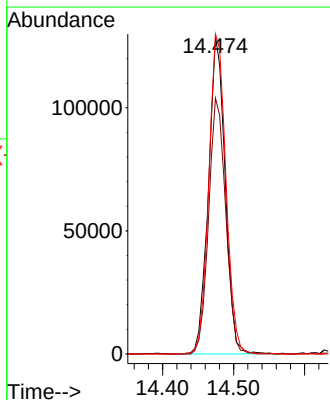
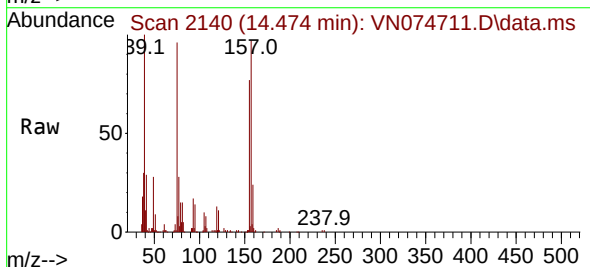
Manual Integrations
APPROVED

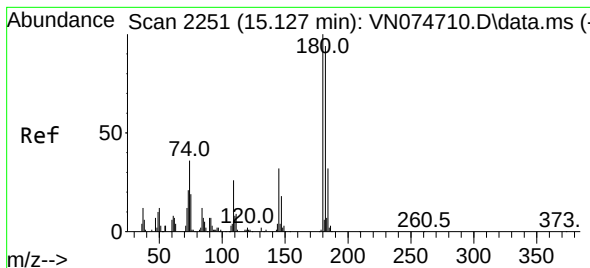
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 94.842 ug/l
RT: 14.474 min Scan# 2140
Delta R.T. -0.006 min
Lab File: VN074711.D
Acq: 03 Oct 2022 15:37

Tgt Ion: 75 Resp: 210811
Ion Ratio Lower Upper
75 100
155 82.3 44.9 134.5
157 103.3 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 109.913 ug/l

RT: 15.127 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN074711.D

Acq: 03 Oct 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 60628

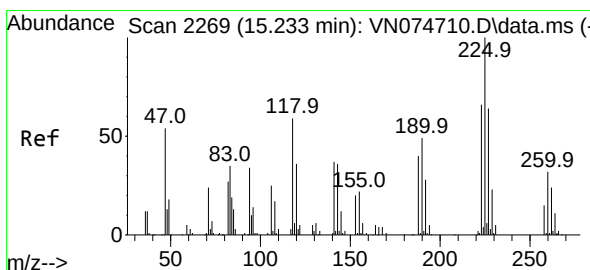
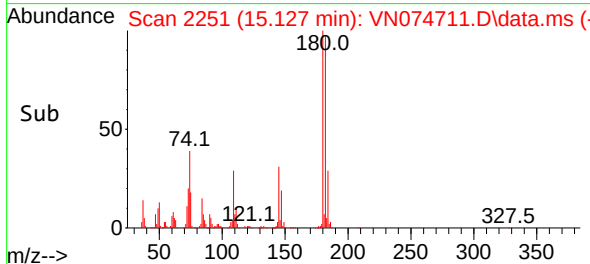
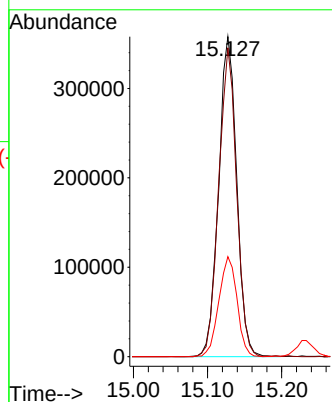
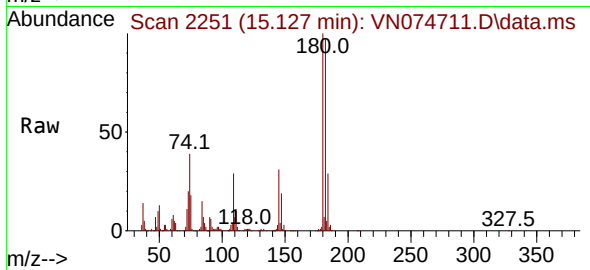
Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.5	142.5
145	31.4	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#94

Hexachlorobutadiene

Concen: 93.213 ug/l

RT: 15.227 min Scan# 2268

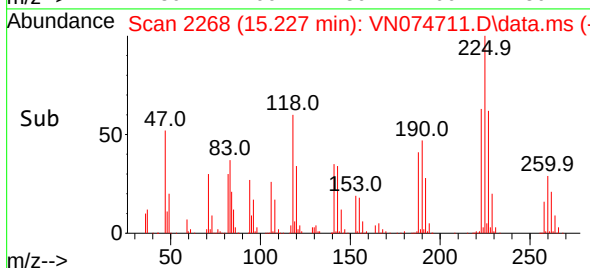
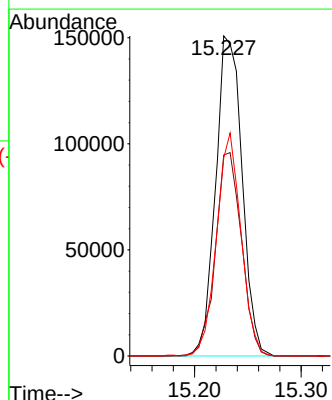
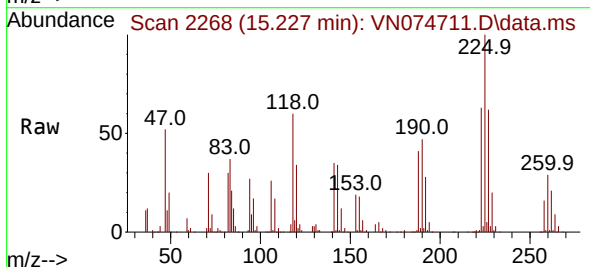
Delta R.T. -0.006 min

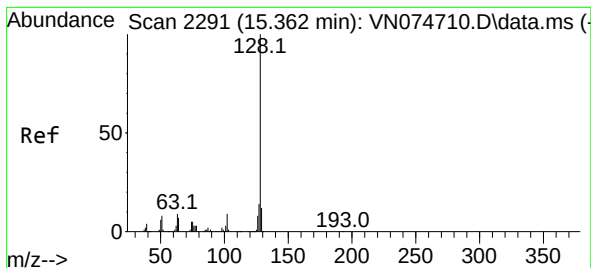
Lab File: VN074711.D

Acq: 03 Oct 2022 15:37

Tgt Ion:225 Resp: 259987

Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.4	97.2
227	64.5	31.8	95.4





#95

Naphthalene

Concen: 115.892 ug/l

RT: 15.363 min Scan# 2291

Delta R.T. 0.000 min

Lab File: VN074711.D

Acq: 03 Oct 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:128 Resp: 242916

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

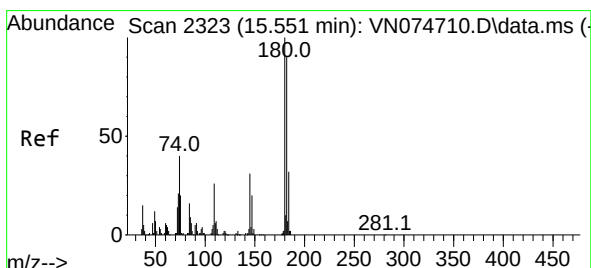
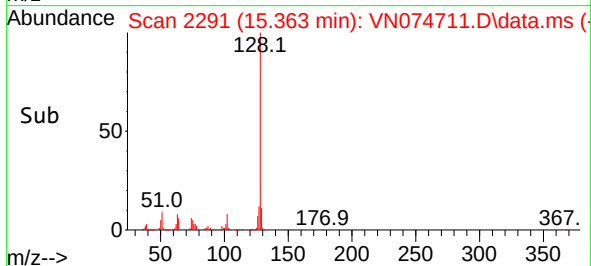
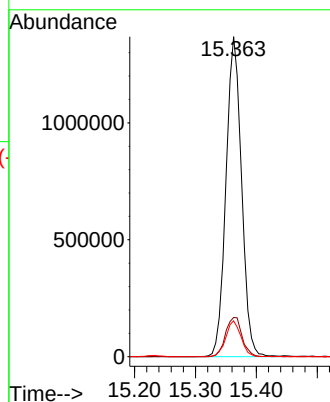
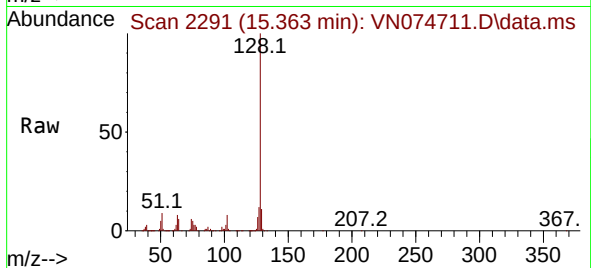
129 11.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#96

1,2,3-Trichlorobenzene

Concen: 104.669 ug/l

RT: 15.551 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VN074711.D

Acq: 03 Oct 2022 15:37

Tgt Ion:180 Resp: 609288

Ion Ratio Lower Upper

180 100

182 94.7 47.8 143.3

145 32.1 15.5 46.5

