

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100522\
 Data File : VN074738.D
 Acq On : 05 Oct 2022 12:59
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 06 04:40:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 04:37:19 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/06/2022
 Supervised By : Mahesh Dadoda 10/06/2022

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	328133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	615926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	643561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	358737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	161302	20.747	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	41.500%#		
35) Dibromofluoromethane	8.177	113	125694	19.944	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.880%#		
50) Toluene-d8	10.571	98	534959	20.034	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.060%#		
62) 4-Bromofluorobenzene	12.853	95	156560	19.288	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.580%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	137238	20.394	ug/l	95
3) Chloromethane	2.383	50	199370	19.922	ug/l	95
4) Vinyl Chloride	2.530	62	248279	20.037	ug/l	97
5) Bromomethane	2.953	94	179254	20.516	ug/l	86
6) Chloroethane	3.130	64	188177	20.426	ug/l	96
7) Trichlorofluoromethane	3.506	101	191118	19.441	ug/l	97
8) Diethyl Ether	3.983	74	96105	18.865	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	120170	20.087	ug/l	99
10) Methyl Iodide	4.612	142	150211	20.705	ug/l	98
11) Tert butyl alcohol	5.559	59	253700	98.452	ug/l #	89
12) 1,1-Dichloroethene	4.359	96	119824	18.756	ug/l	87
13) Acrolein	4.206	56	66232	85.669	ug/l	95
14) Allyl chloride	5.047	41	266998	20.089	ug/l	99
15) Acrylonitrile	5.741	53	568345	100.070	ug/l	98
16) Acetone	4.459	43	438493	99.522	ug/l	99
17) Carbon Disulfide	4.730	76	345704	19.865	ug/l	96
18) Methyl Acetate	5.059	43	329983	20.229	ug/l	99
19) Methyl tert-butyl Ether	5.824	73	491919	19.855	ug/l	99
20) Methylene Chloride	5.306	84	162308	19.917	ug/l #	87
21) trans-1,2-Dichloroethene	5.812	96	137123	19.437	ug/l	88
22) Diisopropyl ether	6.694	45	560882	20.348	ug/l	97
23) Vinyl Acetate	6.624	43	2403694	105.265	ug/l	99
24) 1,1-Dichloroethane	6.588	63	288296	20.115	ug/l	98
25) 2-Butanone	7.500	43	802729	100.388	ug/l	98
26) 2,2-Dichloropropane	7.500	77	231897	19.617	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	162923	20.091	ug/l	98
28) Bromochloromethane	7.824	49	138194	21.370	ug/l	98
29) Tetrahydrofuran	7.853	42	569947	102.268	ug/l	99
30) Chloroform	7.977	83	261823	19.945	ug/l	96
31) Cyclohexane	8.265	56	268556	19.985	ug/l	96
32) 1,1,1-Trichloroethane	8.182	97	228029	20.379	ug/l	97
36) 1,1-Dichloropropene	8.388	75	200907	19.928	ug/l	96
37) Ethyl Acetate	7.500	43	802729	19.190	ug/l #	50
38) Carbon Tetrachloride	8.371	117	182501	19.213	ug/l	97
39) Methylcyclohexane	9.606	83	261065	20.007	ug/l	97
40) Benzene	8.618	78	652028	19.996	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	152523	19.163	ug/l	96
42) 1,2-Dichloroethane	8.682	62	204615	19.991	ug/l	99
43) Isopropyl Acetate	8.700	43	501973	20.105	ug/l	99
44) Trichloroethene	9.365	130	139144	20.488	ug/l	84
45) 1,2-Dichloropropane	9.629	63	181597	20.568	ug/l	99
46) Dibromomethane	9.718	93	106340	20.525	ug/l	99
47) Bromodichloromethane	9.888	83	207839	19.635	ug/l	98
48) Methyl methacrylate	9.618	41	205987	20.095	ug/l #	98
49) 1,4-Dioxane	9.700	88	90286	406.393	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	1612308	100.280	ug/l	99
52) Toluene	10.635	92	399685	20.404	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	249130	19.753	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	268201	19.697	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	156544	19.875	ug/l	94
56) Ethyl methacrylate	10.876	69	276632	19.284	ug/l	97
57) 1,3-Dichloropropane	11.165	76	280132	19.733	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	508022	98.184	ug/l	99
59) 2-Hexanone	11.200	43	1219404	100.270	ug/l	100
60) Dibromochloromethane	11.359	129	159212	20.519	ug/l	95
61) 1,2-Dibromoethane	11.470	107	156577	19.550	ug/l	97
64) Tetrachloroethene	11.106	164	98782	18.908	ug/l	93
65) Chlorobenzene	11.894	112	387675	19.663	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	141854	19.705	ug/l	98
67) Ethyl Benzene	11.965	91	727452	19.795	ug/l	97
68) m/p-Xylenes	12.076	106	558926	40.516	ug/l	95
69) o-Xylene	12.400	106	277513	19.608	ug/l	96
70) Styrene	12.412	104	442679	19.840	ug/l	99
71) Bromoform	12.582	173	107026	19.490	ug/l #	99
73) Isopropylbenzene	12.700	105	696479	20.176	ug/l	99
74) N-amyl acetate	12.494	43	411747	19.727	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	265440	19.428	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	236153m	21.188	ug/l	
77) Bromobenzene	12.982	156	146183	20.496	ug/l	97
78) n-propylbenzene	13.041	91	798382	20.075	ug/l	99
79) 2-Chlorotoluene	13.129	91	474040	19.657	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	560705	20.366	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	110635	20.132	ug/l	91
82) 4-Chlorotoluene	13.223	91	444117	19.862	ug/l	98
83) tert-Butylbenzene	13.441	119	490082	20.599	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	564887	20.292	ug/l	99
85) sec-Butylbenzene	13.617	105	710939	20.563	ug/l	99
86) p-Isopropyltoluene	13.729	119	547876	20.535	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	268051	19.579	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	263522	20.378	ug/l	97
89) n-Butylbenzene	14.059	91	474540	20.179	ug/l	97
90) Hexachloroethane	14.335	117	114337	19.167	ug/l	97
91) 1,2-Dichlorobenzene	14.111	146	263135	19.958	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	55306	19.206	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	115480	20.023	ug/l	96
94) Hexachlorobutadiene	15.500	225	53359	19.778	ug/l	97
95) Naphthalene	15.641	128	525074	21.059	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	118042	19.045	ug/l	99

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

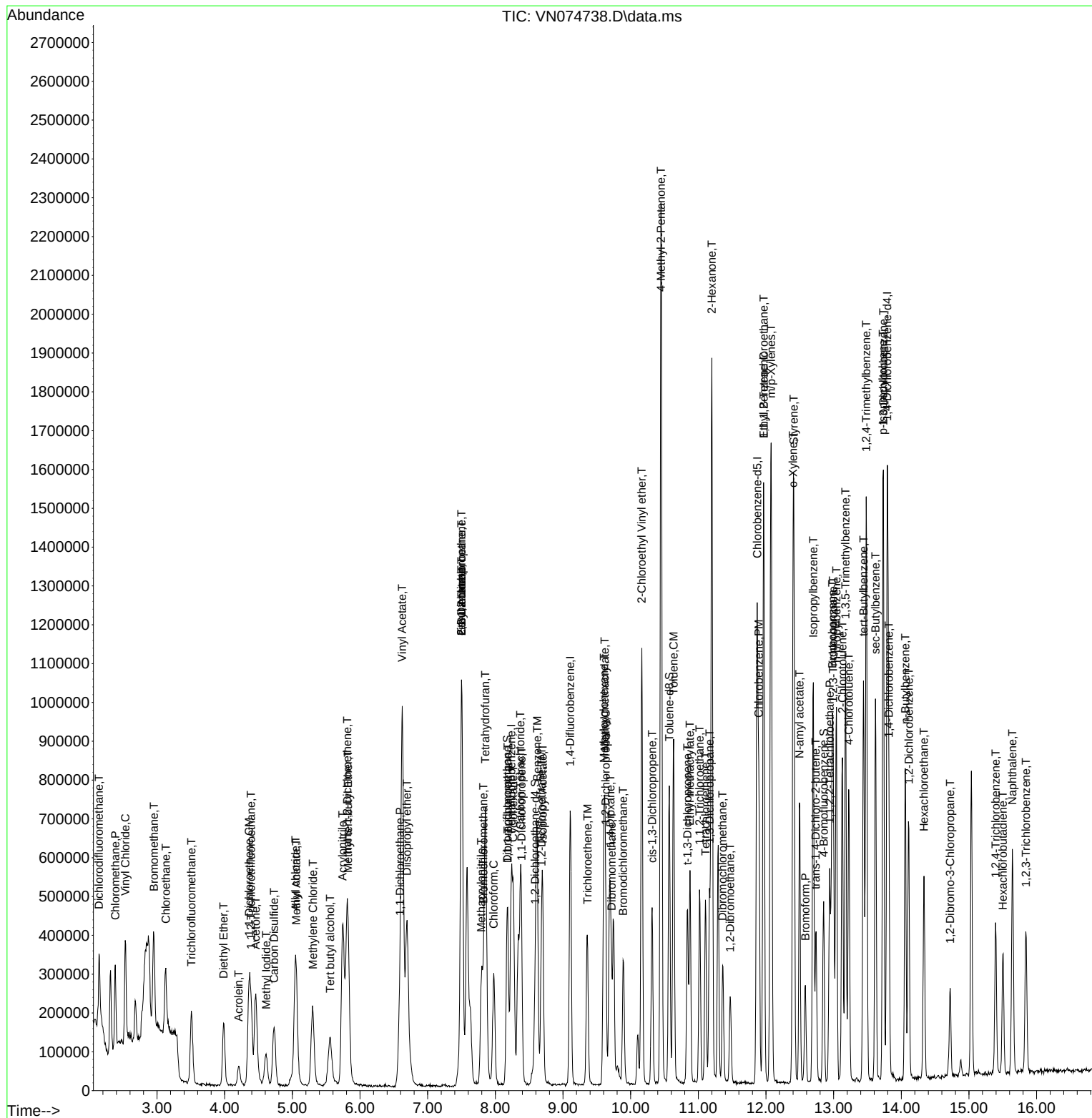
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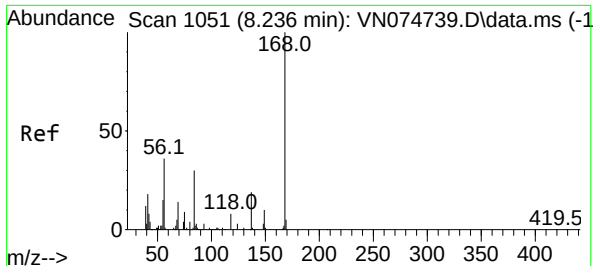
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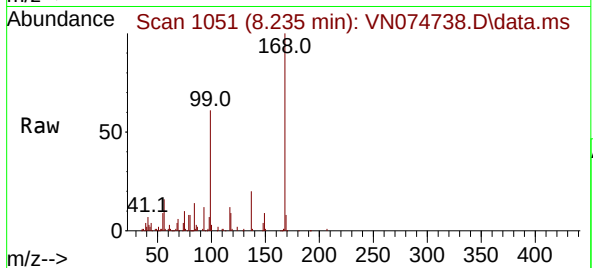
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074738.D
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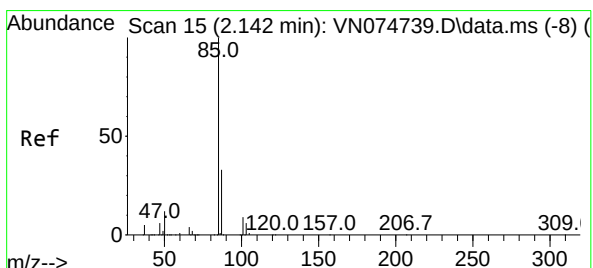
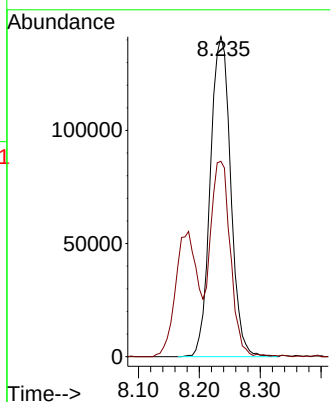
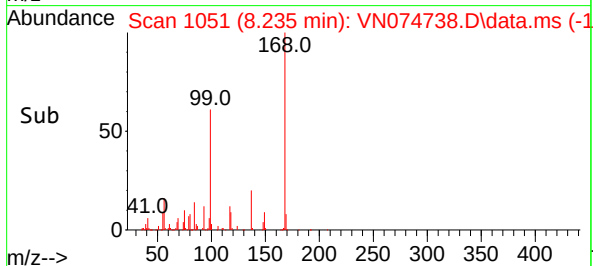
Instrument :
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VSTDICC020



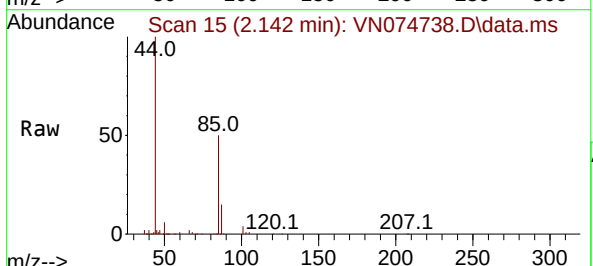
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Ion Ratio Lower Upper
168 100
99 60.8 42.8 64.2

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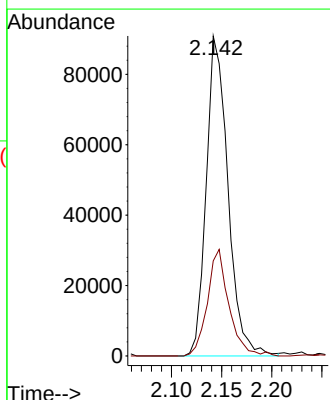
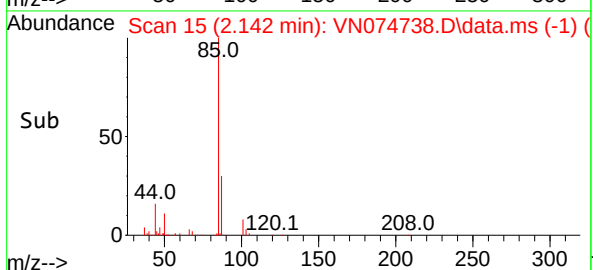
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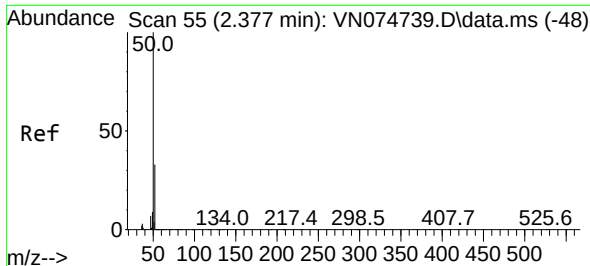


#2
Dichlorodifluoromethane
Concen: 20.394 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59



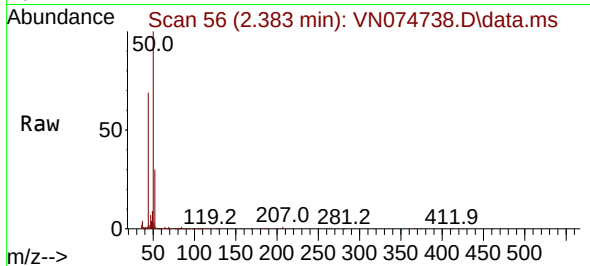
Tgt Ion: 85 Resp: 137238
Ion Ratio Lower Upper
85 100
87 29.7 16.3 48.9





#3
Chloromethane
Concen: 19.922 ug/l
RT: 2.383 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

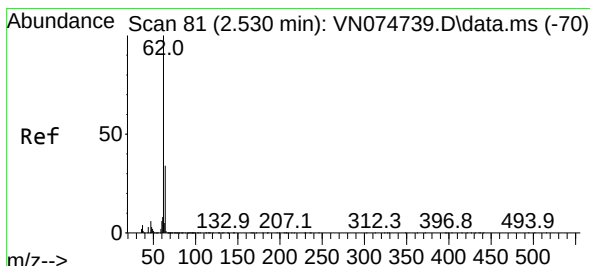
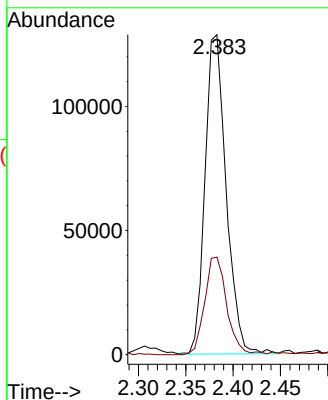
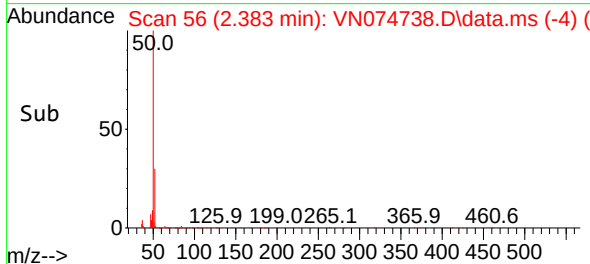
Instrument :
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Tgt Ion: 50 Resp: 199370
Ion Ratio Lower Upper
50 100
52 30.6 26.7 40.1

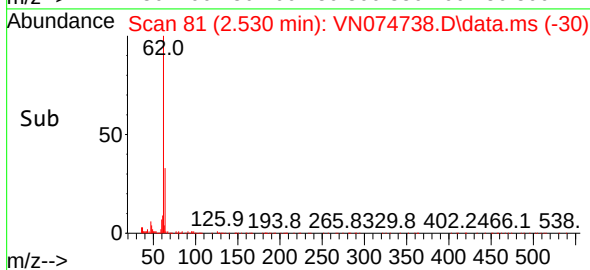
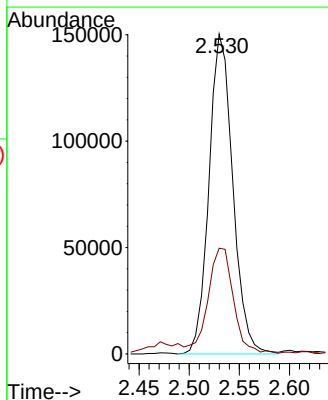
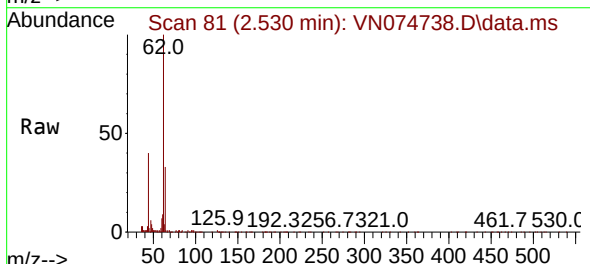
Manual Integrations
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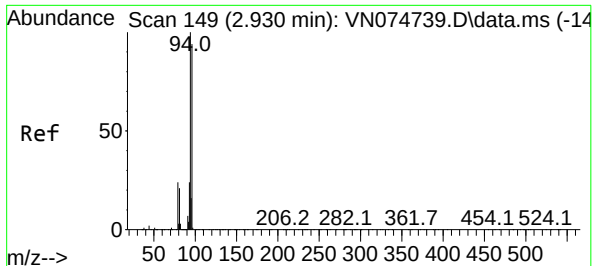
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#4
Vinyl Chloride
Concen: 20.037 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

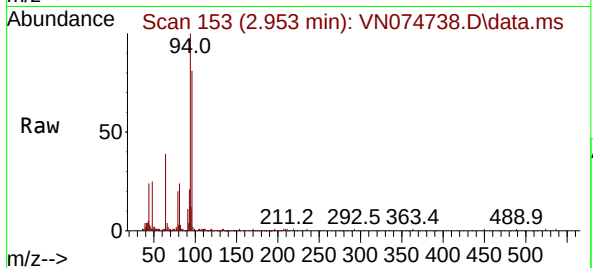
Tgt Ion: 62 Resp: 248279
Ion Ratio Lower Upper
62 100
64 32.8 27.4 41.2





#5
Bromomethane
Concen: 20.516 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN074738.D
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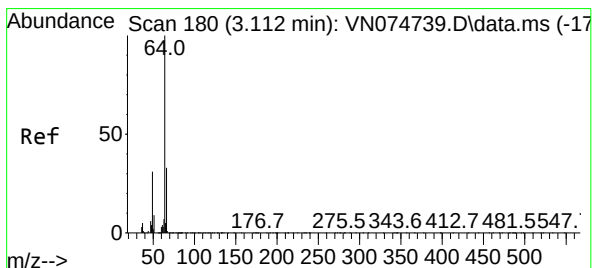
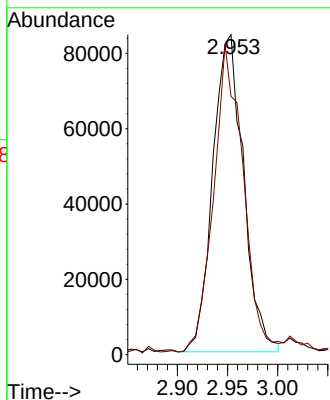
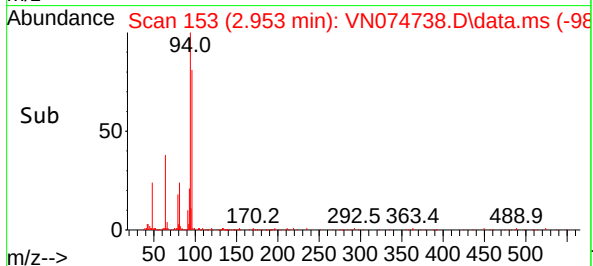
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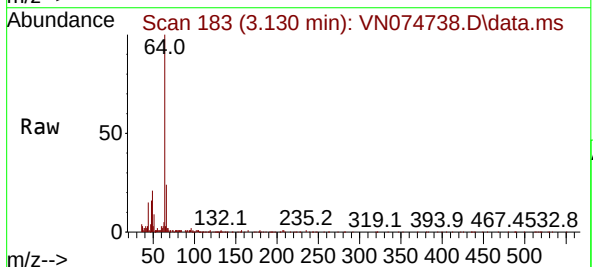
Tgt Ion: 94 Resp: 179254
Ion Ratio Lower Upper
94 100
96 80.7 75.0 112.6

Manual Integrations
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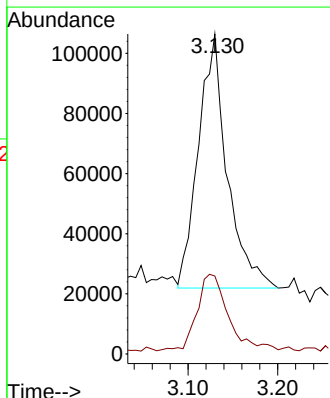
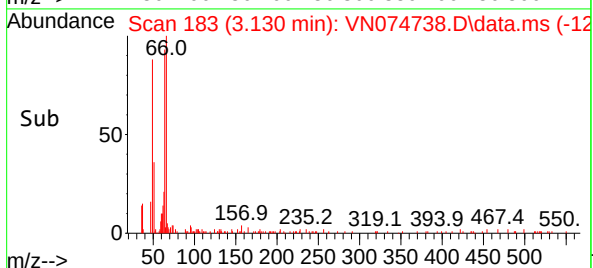
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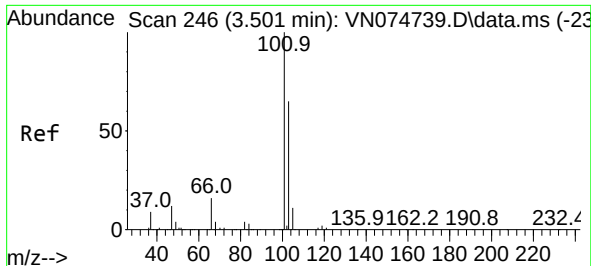


#6
Chloroethane
Concen: 20.426 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.017 min
Lab File: VN074738.D
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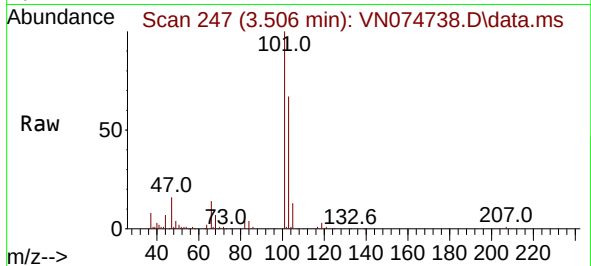
Tgt Ion: 64 Resp: 188177
Ion Ratio Lower Upper
64 100
66 29.1 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 19.441 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN074738.D
 Acq: 05 Oct 2022 12:59

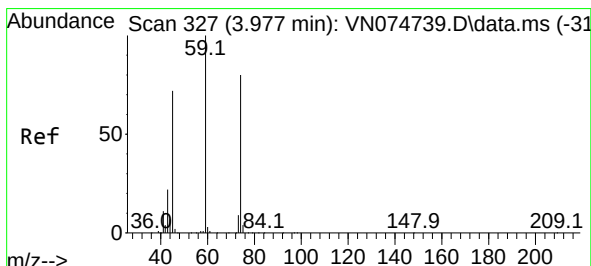
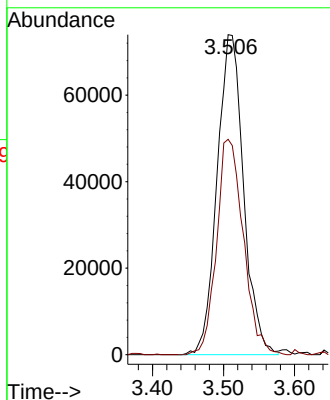
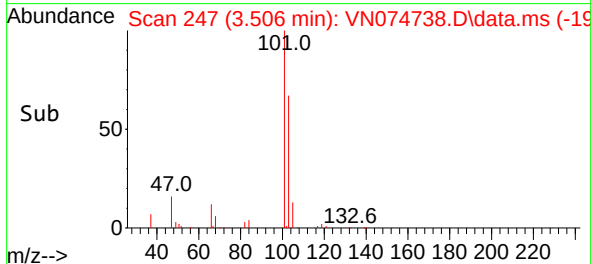
Instrument :
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Tgt Ion:101 Resp: 191118
 Ion Ratio Lower Upper
 101 100
 103 67.3 52.0 78.0

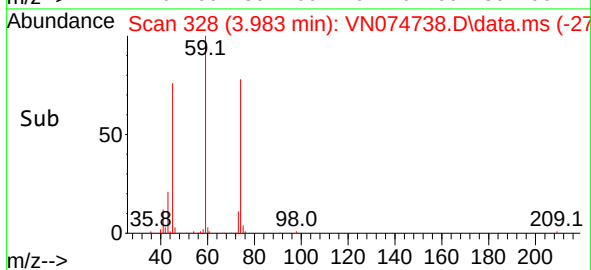
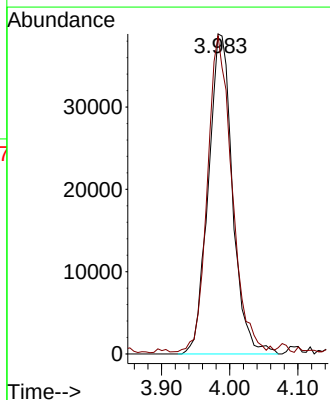
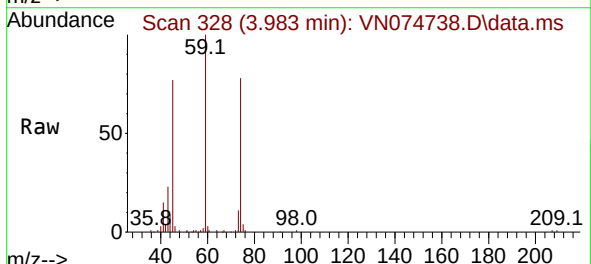
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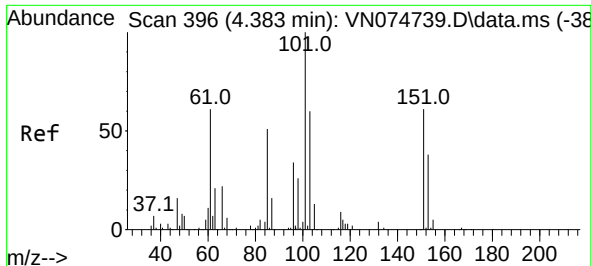
Reviewed By :John Carlone 10/06/2022
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#8
 Diethyl Ether
 Concen: 18.865 ug/l
 RT: 3.983 min Scan# 328
 Delta R.T. 0.006 min
 Lab File: VN074738.D
 Acq: 05 Oct 2022 12:59

Tgt Ion: 74 Resp: 96105
 Ion Ratio Lower Upper
 74 100
 45 99.4 48.2 144.6





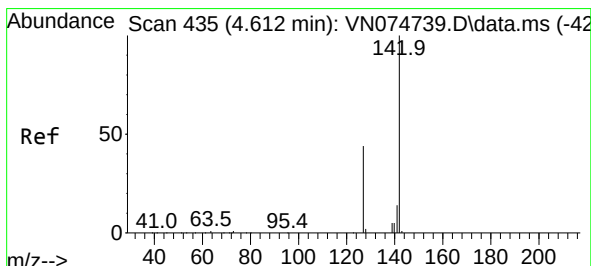
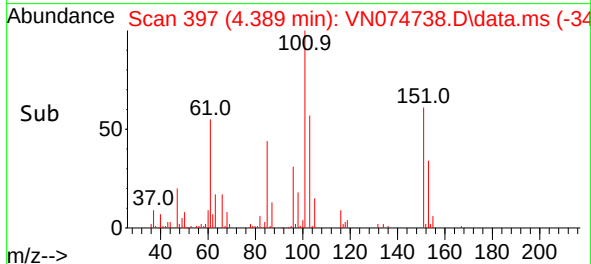
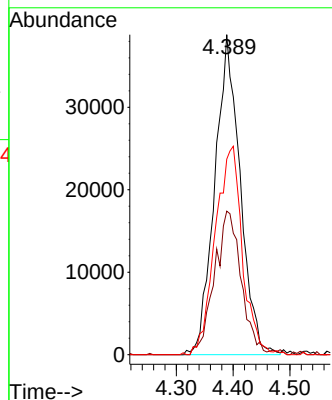
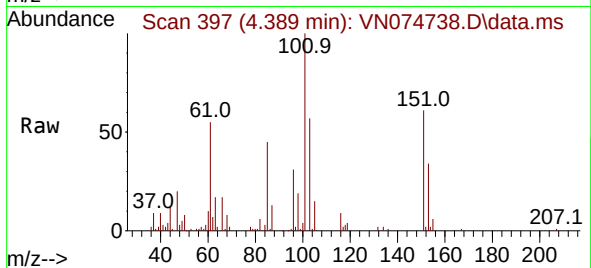
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.087 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 120170
Ion Ratio Lower Upper
101 100
85 47.2 37.4 56.0
151 69.9 55.0 82.4

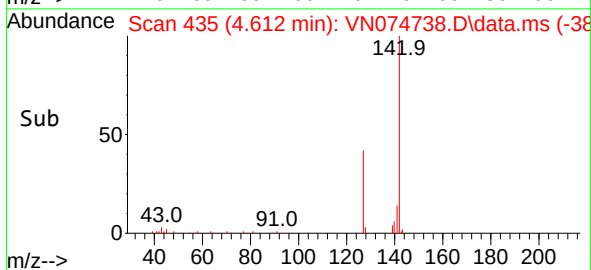
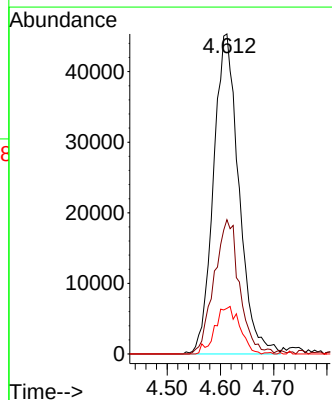
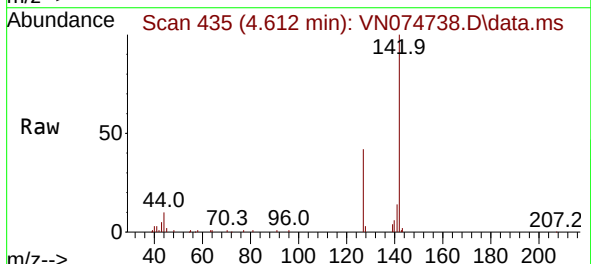
Manual Integrations
APPROVED

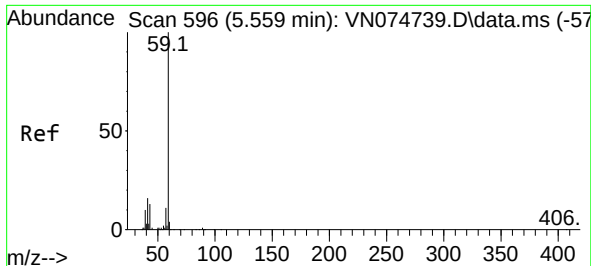
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#10
Methyl Iodide
Concen: 20.705 ug/l
RT: 4.612 min Scan# 435
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

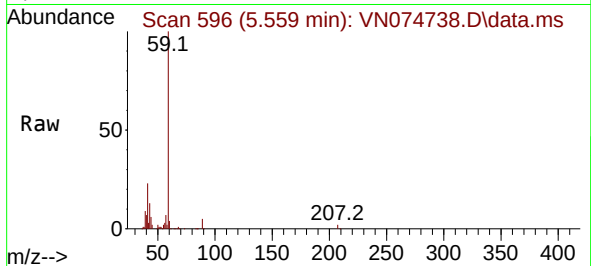
Tgt Ion:142 Resp: 150211
Ion Ratio Lower Upper
142 100
127 42.0 34.4 51.6
141 14.4 11.0 16.6





#11
Tert butyl alcohol
Concen: 98.452 ug/l
RT: 5.559 min Scan# 596
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

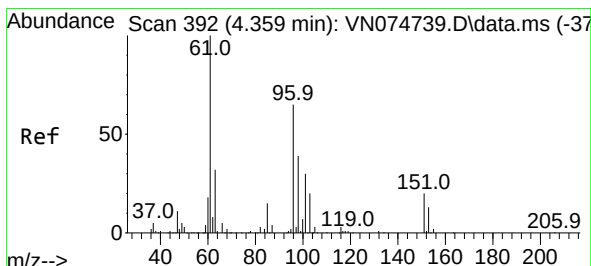
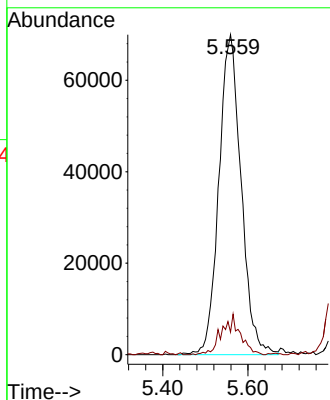
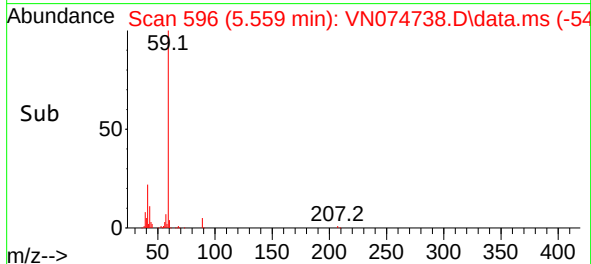
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 59 Resp: 253700
Ion Ratio Lower Upper
59 100
57 5.5 7.7 11.5

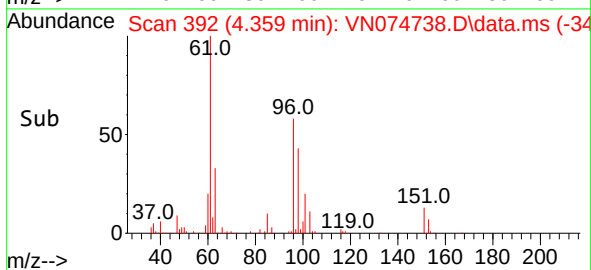
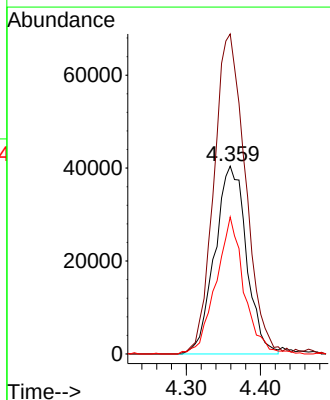
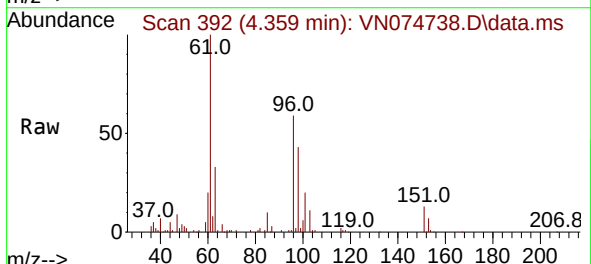
Manual Integrations
APPROVED

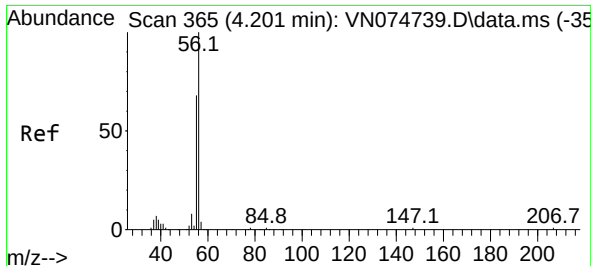
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#12
1,1-Dichloroethene
Concen: 18.756 ug/l
RT: 4.359 min Scan# 392
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

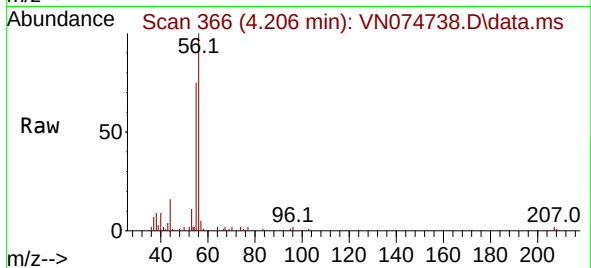
Tgt Ion: 96 Resp: 119824
Ion Ratio Lower Upper
96 100
61 170.3 123.9 185.9
98 72.9 48.8 73.2





#13
Acrolein
Concen: 85.669 ug/l
RT: 4.206 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

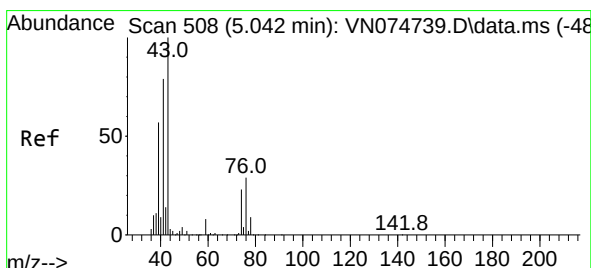
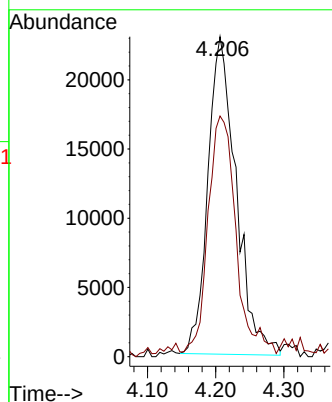
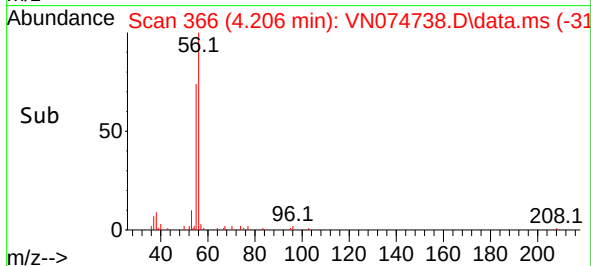
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



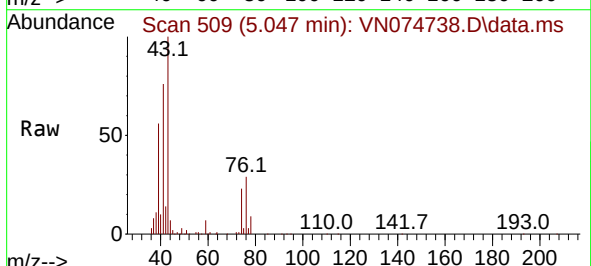
Tgt Ion: 56 Resp: 6623
Ion Ratio Lower Upper
56 100
55 73.0 54.9 82.3

Manual Integrations
APPROVED

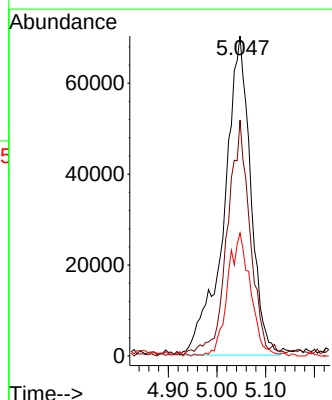
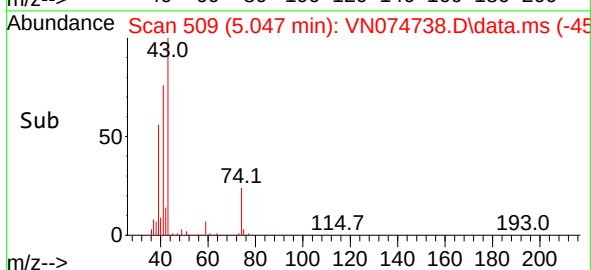
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

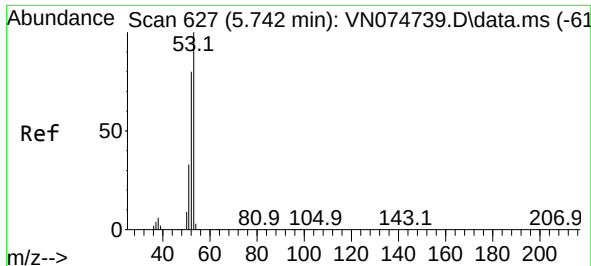


#14
Allyl chloride
Concen: 20.089 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59



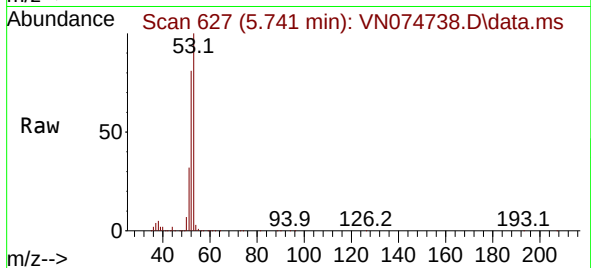
Tgt Ion: 41 Resp: 266998
Ion Ratio Lower Upper
41 100
39 62.1 50.2 75.2
76 33.0 25.6 38.4





#15
Acrylonitrile
Concen: 100.070 ug/l
RT: 5.741 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

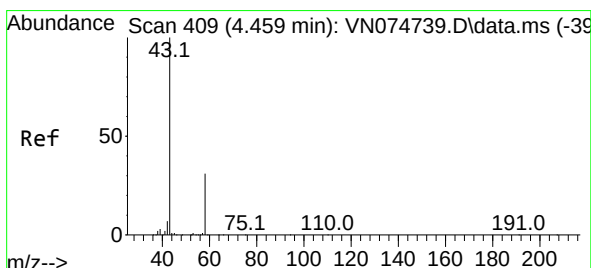
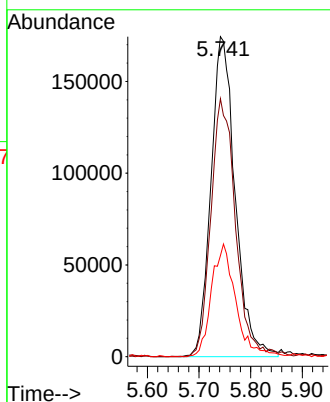
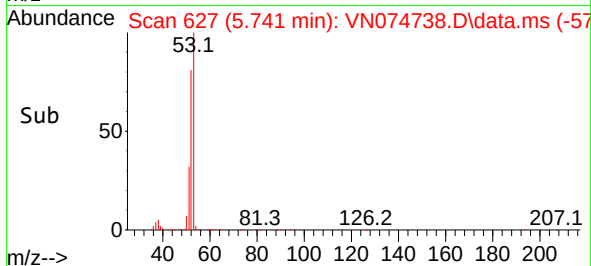
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



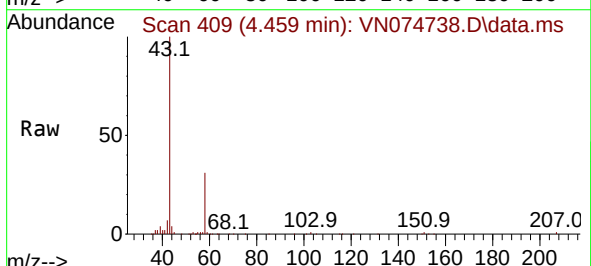
Tgt Ion: 53 Resp: 56834
Ion Ratio Lower Upper
53 100
52 82.1 64.3 96.5
51 35.2 27.5 41.3

Manual Integrations
APPROVED

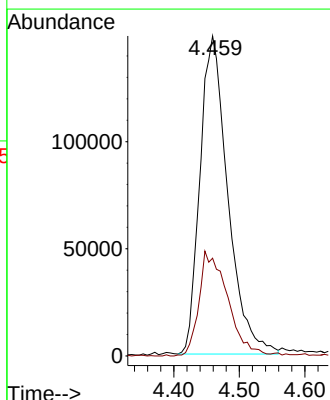
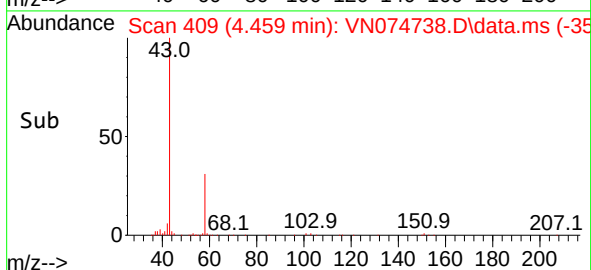
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

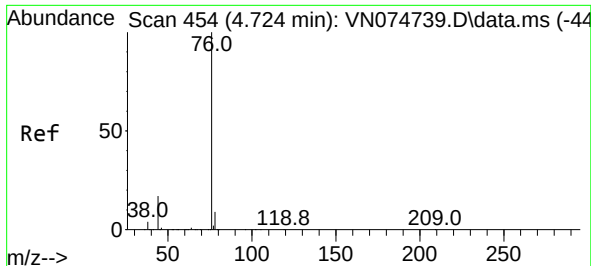


#16
Acetone
Concen: 99.522 ug/l
RT: 4.459 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59



Tgt Ion: 43 Resp: 438493
Ion Ratio Lower Upper
43 100
58 30.5 24.9 37.3





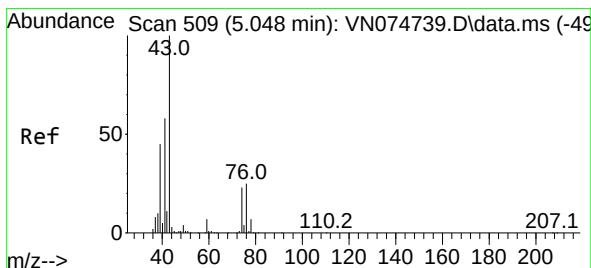
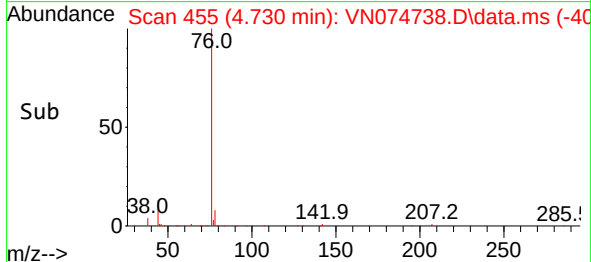
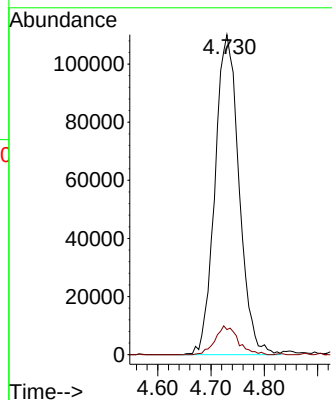
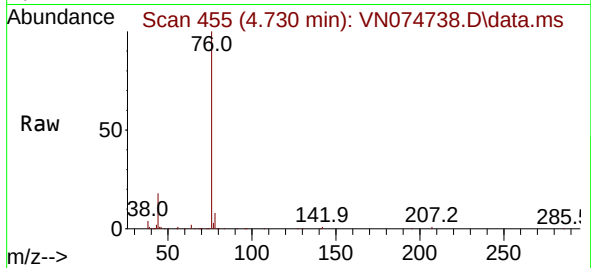
#17
Carbon Disulfide
Concen: 19.865 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 345704
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3

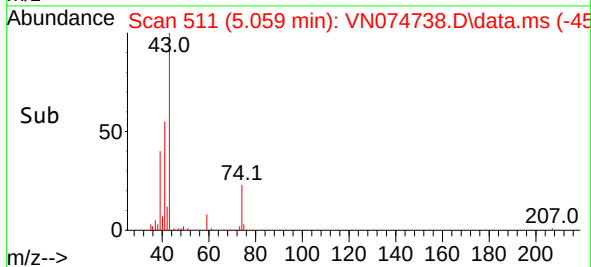
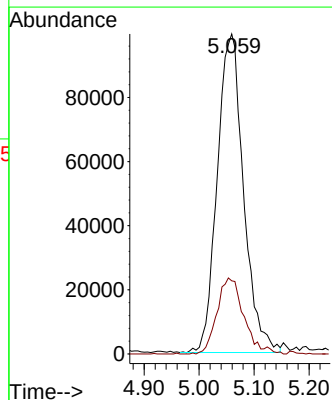
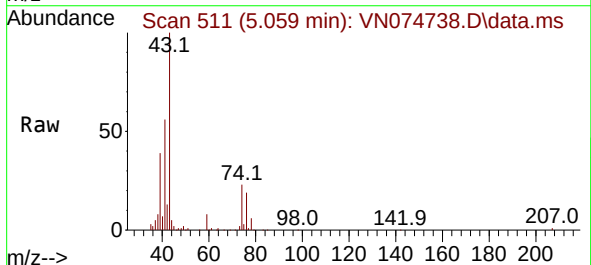
Manual Integrations
APPROVED

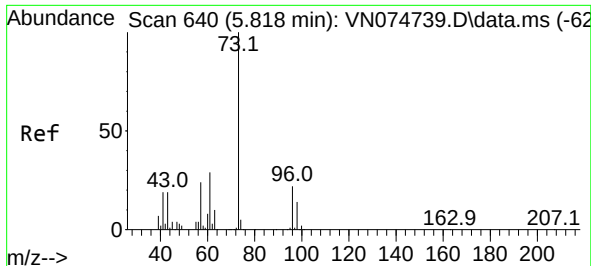
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#18
Methyl Acetate
Concen: 20.229 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

Tgt Ion: 43 Resp: 329983
Ion Ratio Lower Upper
43 100
74 23.7 18.5 27.7





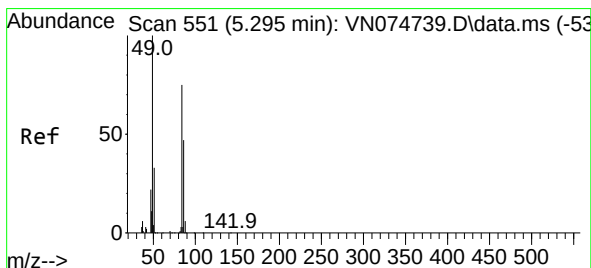
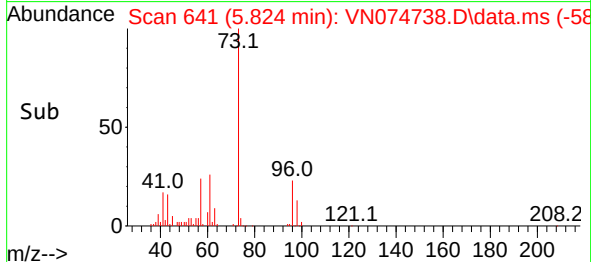
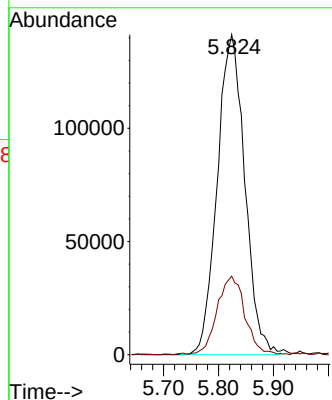
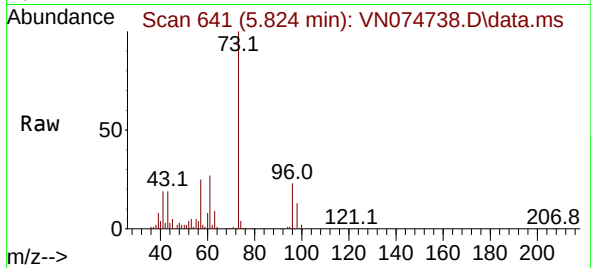
#19
Methyl tert-butyl Ether
Concen: 19.855 ug/l
RT: 5.824 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 491919
Ion Ratio Lower Upper
73 100
57 24.2 19.0 28.4

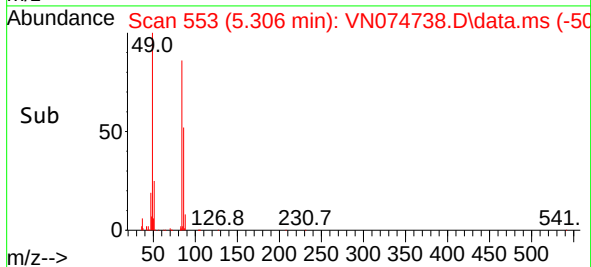
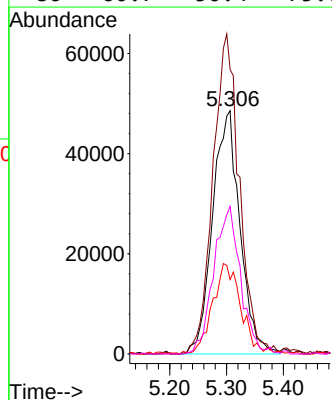
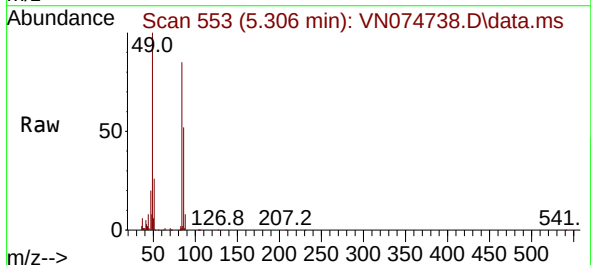
Manual Integrations
APPROVED

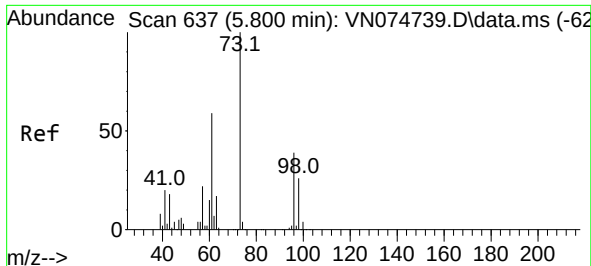
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#20
Methylene Chloride
Concen: 19.917 ug/l
RT: 5.306 min Scan# 553
Delta R.T. 0.012 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

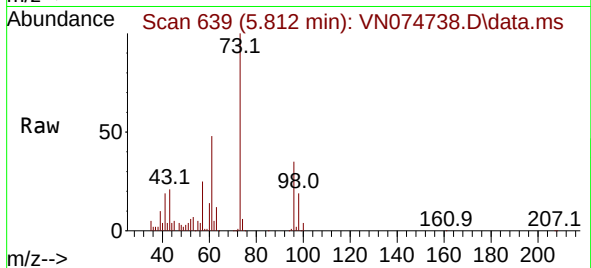
Tgt Ion: 84 Resp: 162308
Ion Ratio Lower Upper
84 100
49 117.0 107.4 161.0
51 30.6 35.1 52.7#
86 60.7 50.4 75.6





#21
trans-1,2-Dichloroethene
Concen: 19.437 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

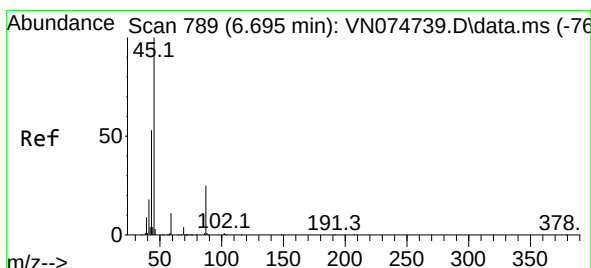
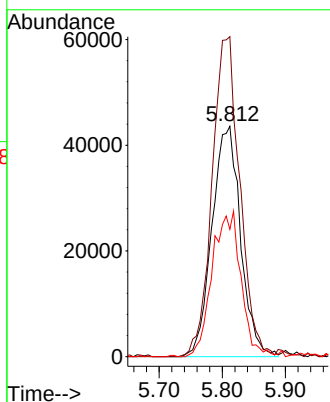
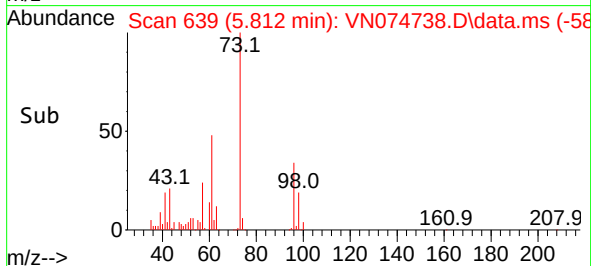
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 13712
Ion Ratio Lower Upper
96 100
61 138.9 121.5 182.3
98 55.3 53.8 80.8

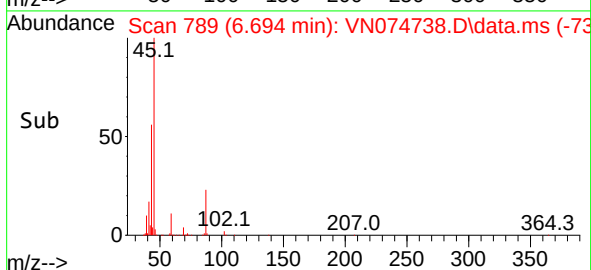
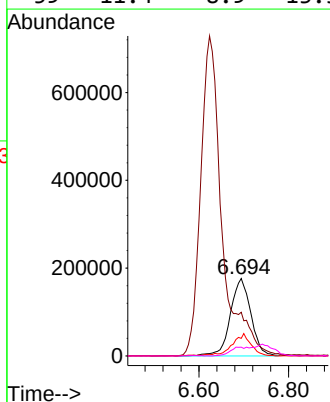
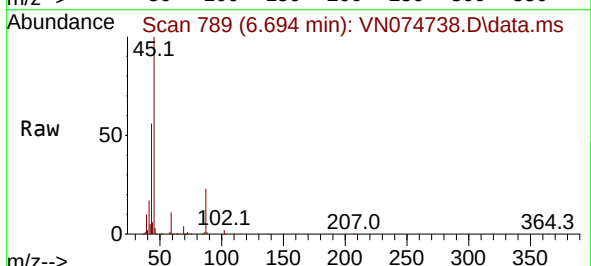
Manual Integrations
APPROVED

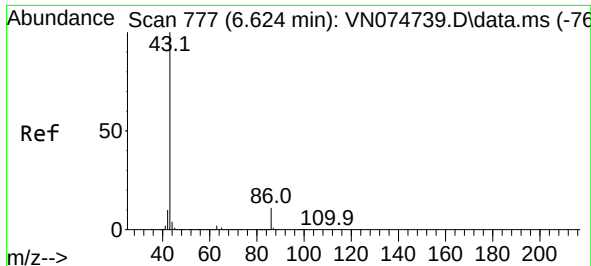
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#22
Diisopropyl ether
Concen: 20.348 ug/l
RT: 6.694 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

Tgt Ion: 45 Resp: 560882
Ion Ratio Lower Upper
45 100
43 56.0 42.7 64.1
87 22.7 19.6 29.4
59 11.4 8.9 13.3





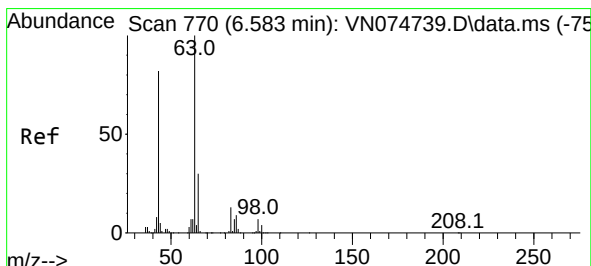
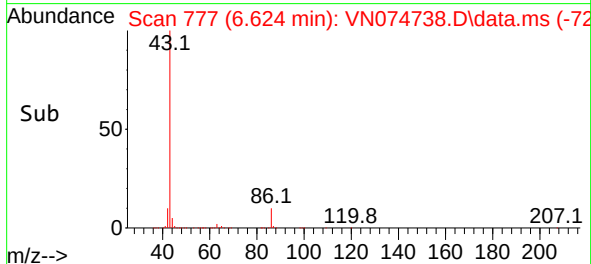
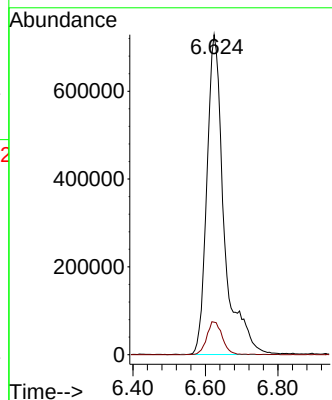
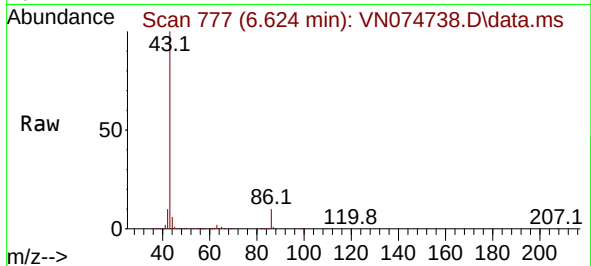
#23
 Vinyl Acetate
 Concen: 105.265 ug/l
 RT: 6.624 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: VN074738.D
 Acq: 05 Oct 2022 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 2403694
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.4 12.6

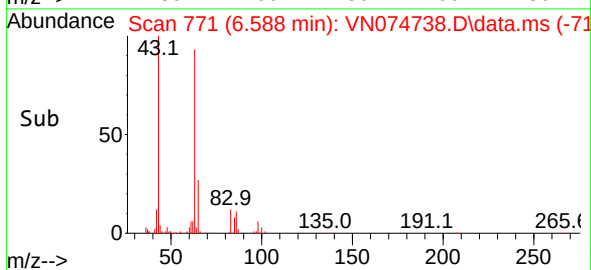
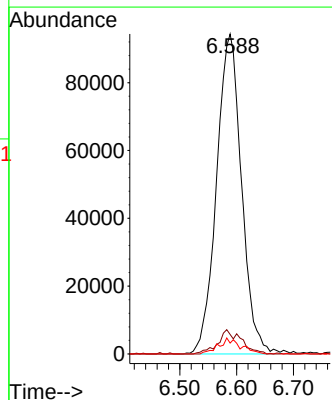
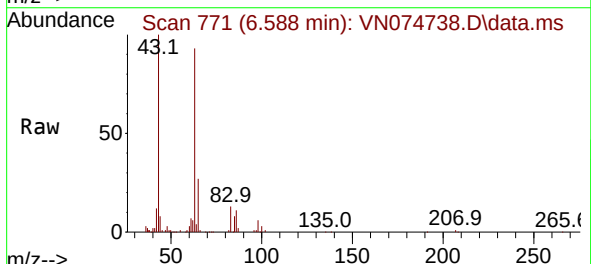
Manual Integrations
 APPROVED

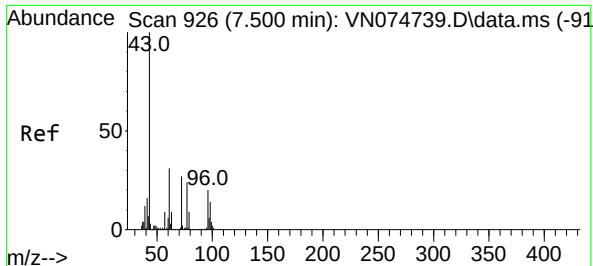
Reviewed By :John Carlone 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#24
 1,1-Dichloroethane
 Concen: 20.115 ug/l
 RT: 6.588 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VN074738.D
 Acq: 05 Oct 2022 12:59

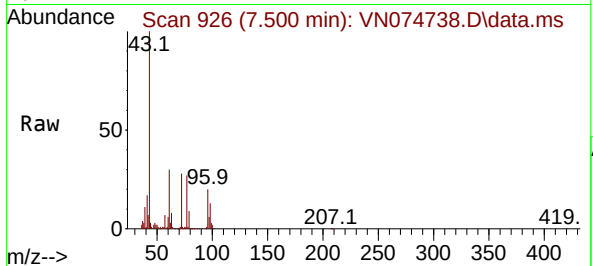
Tgt Ion: 63 Resp: 288296
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.4
 100 3.4 1.8 5.5





#25
2-Butanone
Concen: 100.388 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

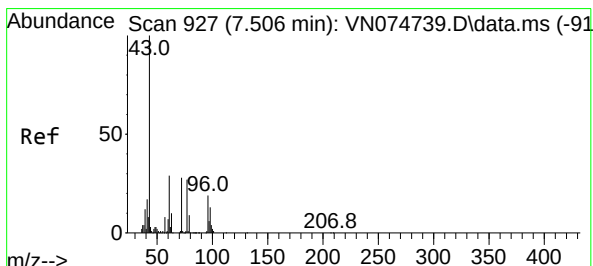
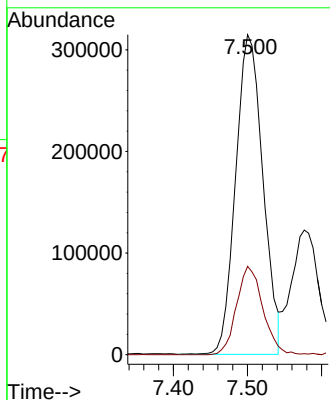
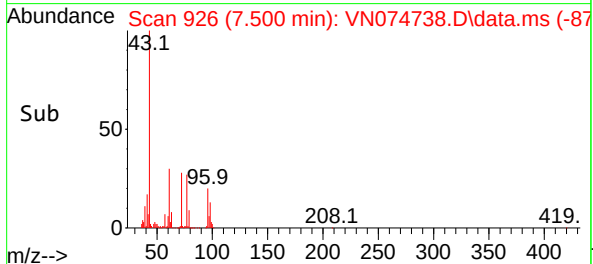
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



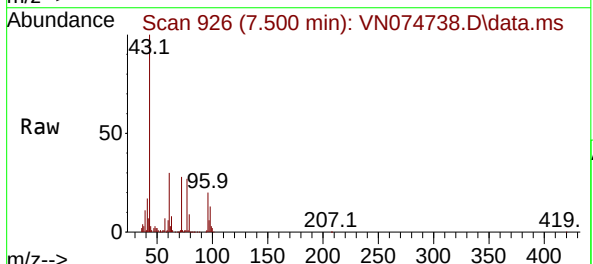
Tgt Ion: 43 Resp: 802729
Ion Ratio Lower Upper
43 100
72 27.7 21.4 32.0

Manual Integrations
APPROVED

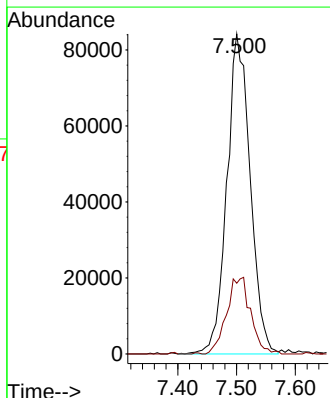
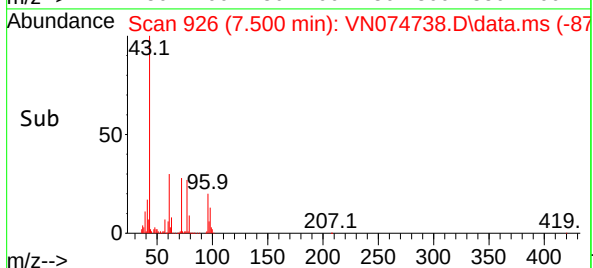
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

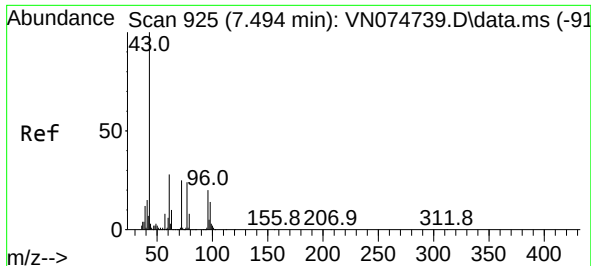


#26
2,2-Dichloropropane
Concen: 19.617 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59



Tgt Ion: 77 Resp: 231897
Ion Ratio Lower Upper
77 100
97 24.7 11.8 35.3





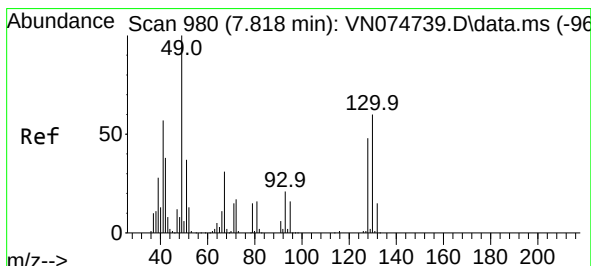
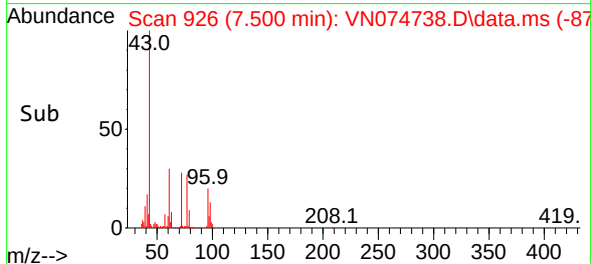
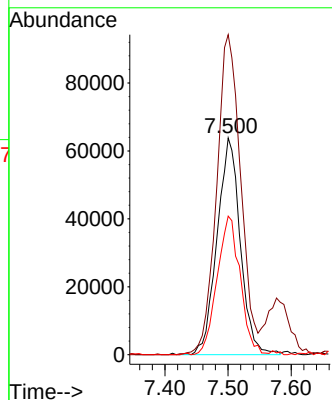
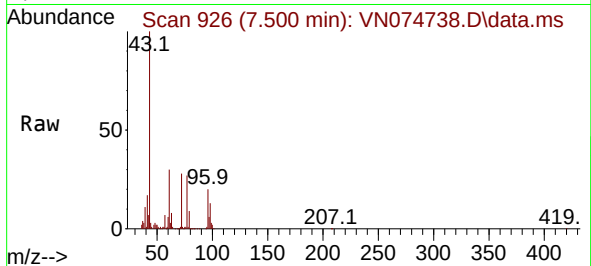
#27
 cis-1,2-Dichloroethene
 Concen: 20.091 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN074738.D
 Acq: 05 Oct 2022 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 16292
 Ion Ratio Lower Upper
 96 100
 61 153.1 0.0 303.2
 98 63.5 0.0 131.0

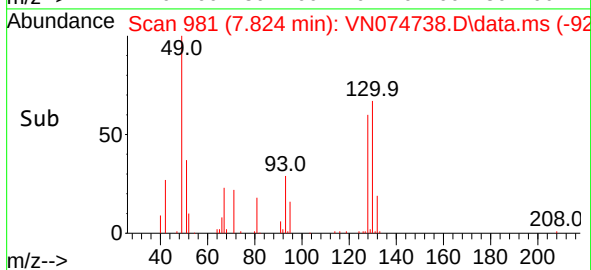
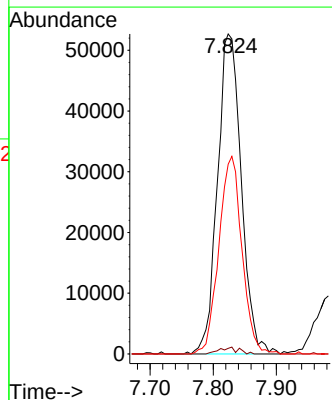
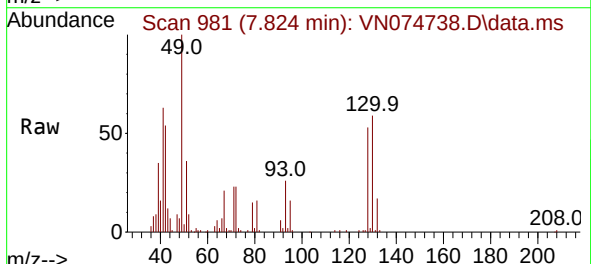
Manual Integrations
 APPROVED

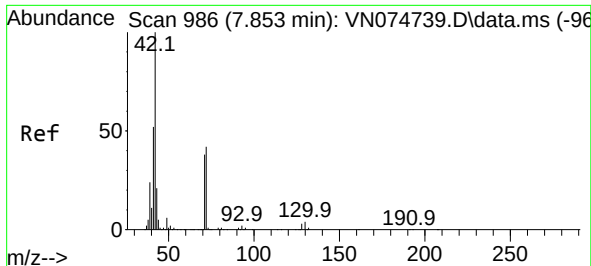
Reviewed By :John Carlone 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#28
 Bromochloromethane
 Concen: 21.370 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN074738.D
 Acq: 05 Oct 2022 12:59

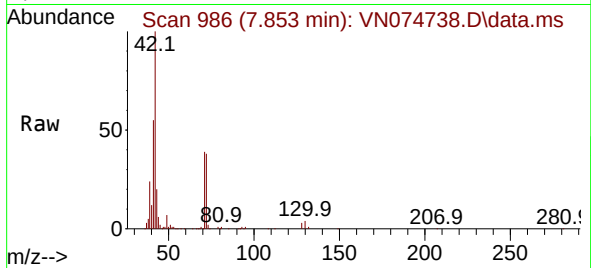
Tgt Ion: 49 Resp: 138194
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 59.8 49.0 73.4





#29
Tetrahydrofuran
Concen: 102.268 ug/l
RT: 7.853 min Scan# 986
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

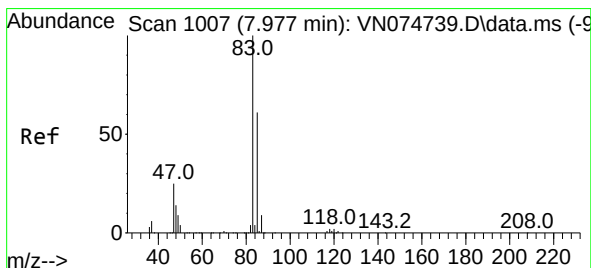
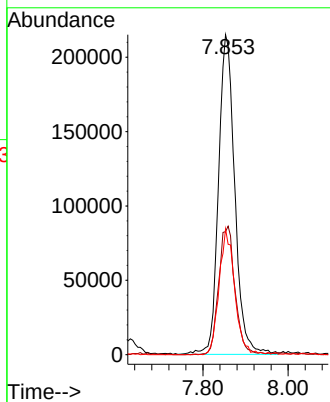
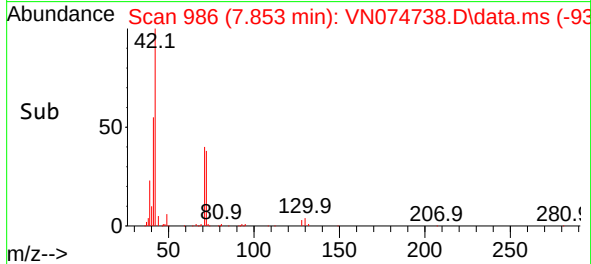
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



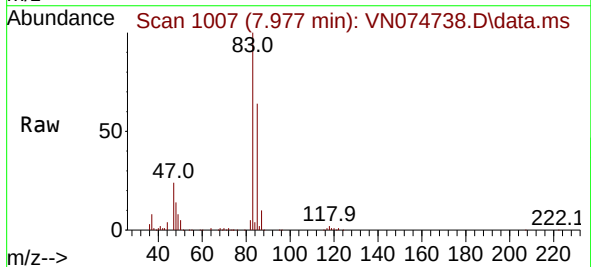
Tgt Ion: 42 Resp: 56994
Ion Ratio Lower Upper
42 100
72 40.3 33.0 49.6
71 37.6 30.4 45.6

Manual Integrations
APPROVED

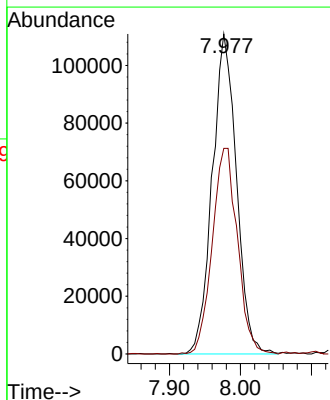
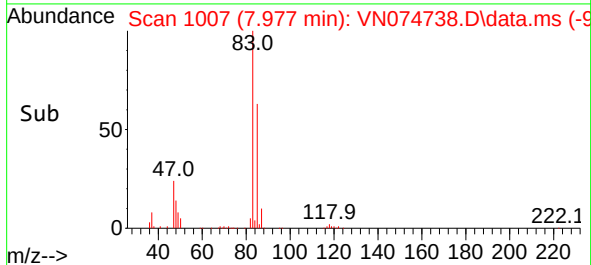
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

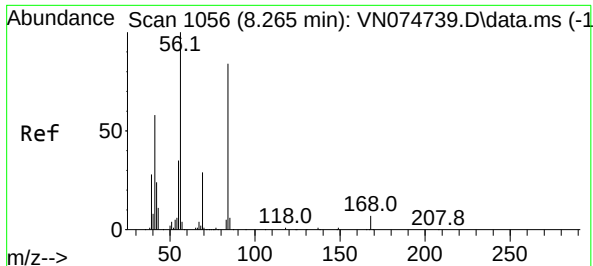


#30
Chloroform
Concen: 19.945 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59



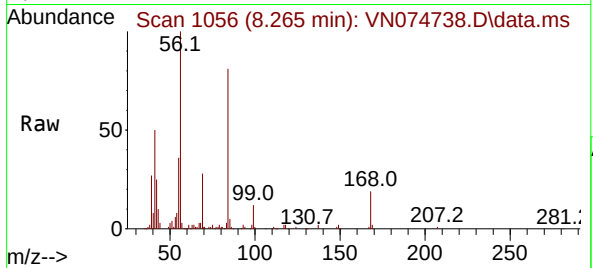
Tgt Ion: 83 Resp: 261823
Ion Ratio Lower Upper
83 100
85 64.3 49.0 73.4





#31
Cyclohexane
Concen: 19.985 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

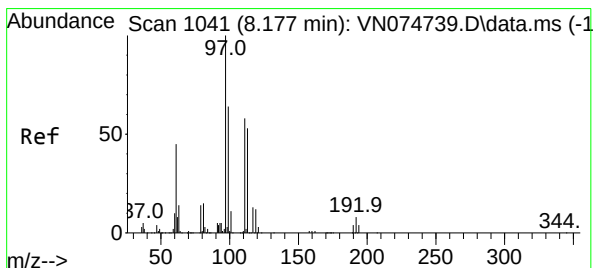
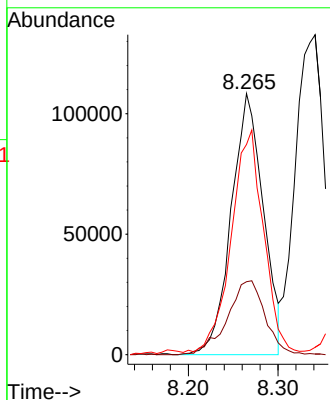
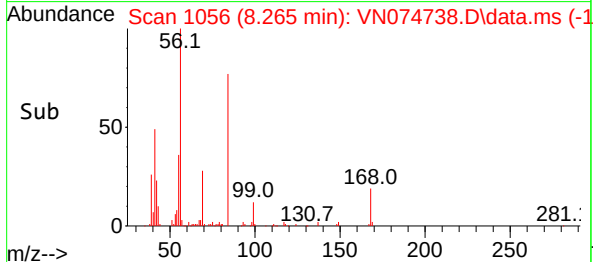
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



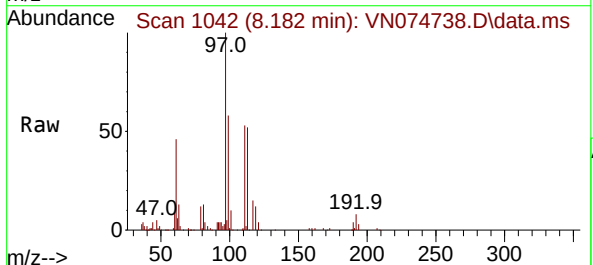
Tgt Ion: 56 Resp: 268550
Ion Ratio Lower Upper
56 100
69 28.0 23.1 34.7
84 79.2 67.1 100.7

Manual Integrations
APPROVED

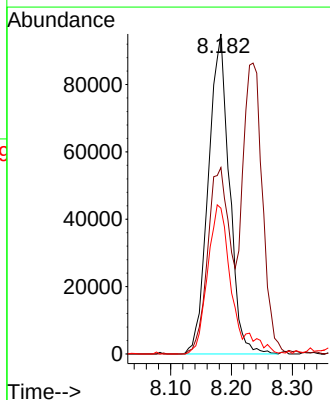
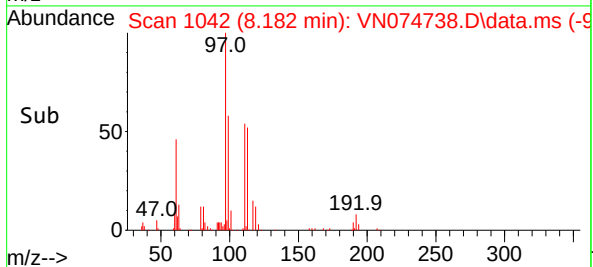
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

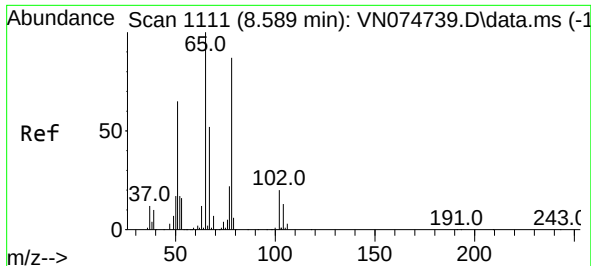


#32
1,1,1-Trichloroethane
Concen: 20.379 ug/l
RT: 8.182 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59



Tgt Ion: 97 Resp: 228029
Ion Ratio Lower Upper
97 100
99 61.7 50.7 76.1
61 53.2 39.9 59.9





#33

1,2-Dichloroethane-d4

Concen: 20.747 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074738.D

Acq: 05 Oct 2022 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 161302

Ion Ratio Lower Upper

65 100

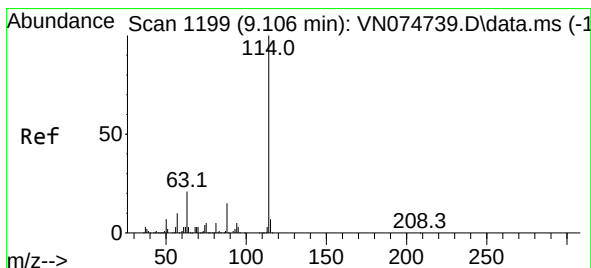
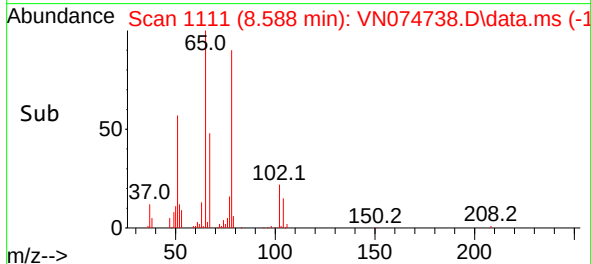
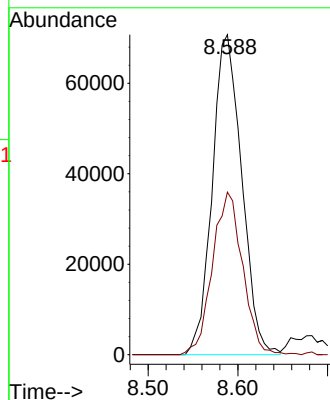
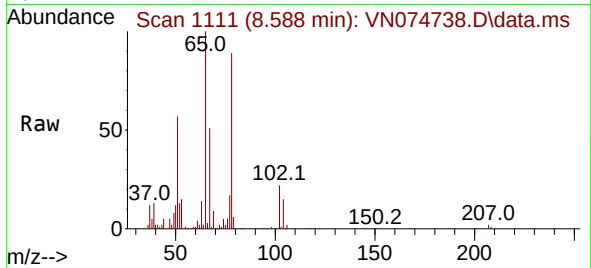
67 51.9 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074738.D

Acq: 05 Oct 2022 12:59

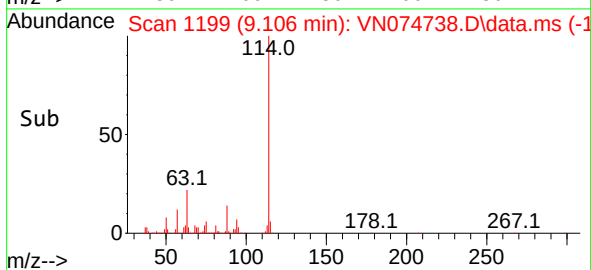
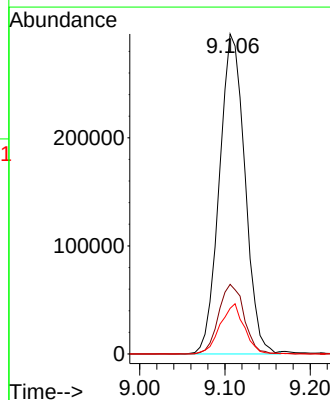
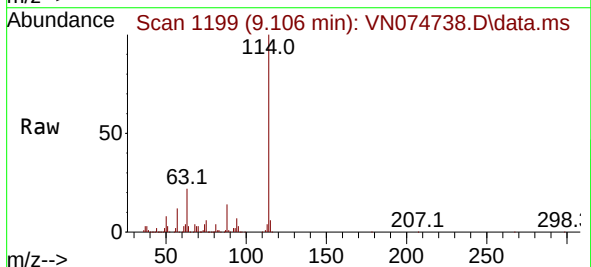
Tgt Ion:114 Resp: 615926

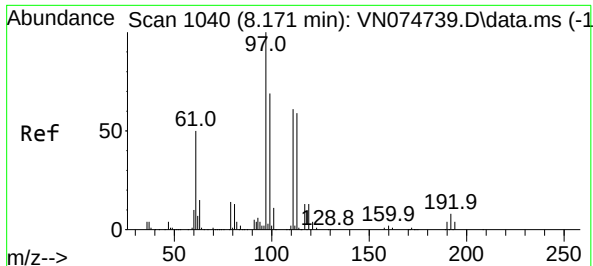
Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.2

88 14.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 19.944 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN074738.D

Acq: 05 Oct 2022 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:113 Resp: 125694

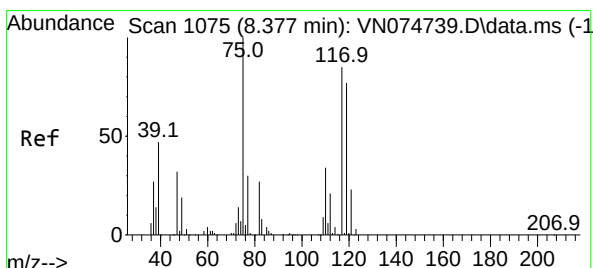
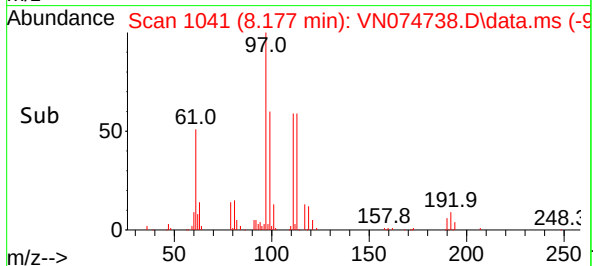
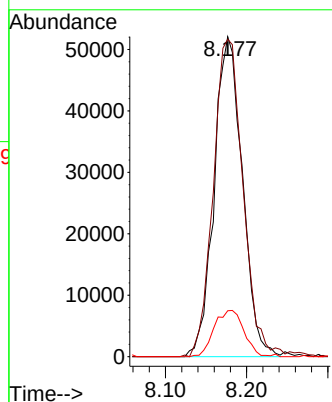
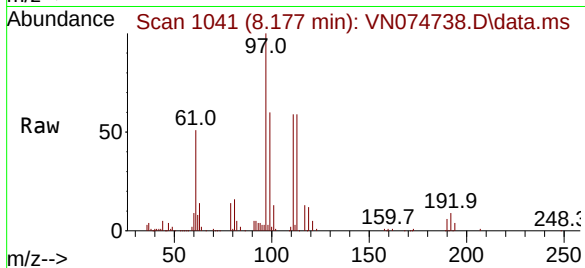
Ion	Ratio	Lower	Upper
113	100		
111	105.0	83.0	124.6
192	15.3	12.6	18.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#36

1,1-Dichloropropene

Concen: 19.928 ug/l

RT: 8.388 min Scan# 1077

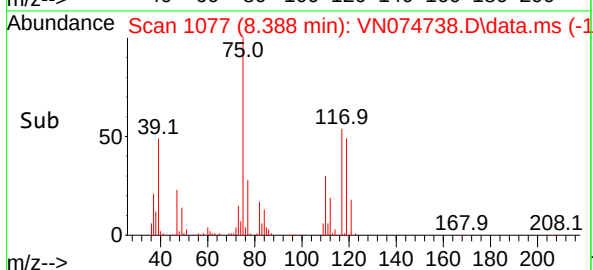
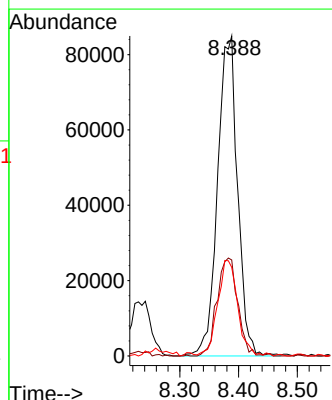
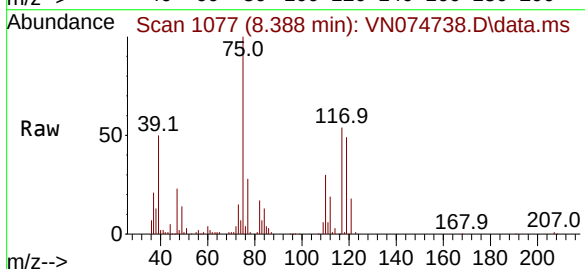
Delta R.T. 0.012 min

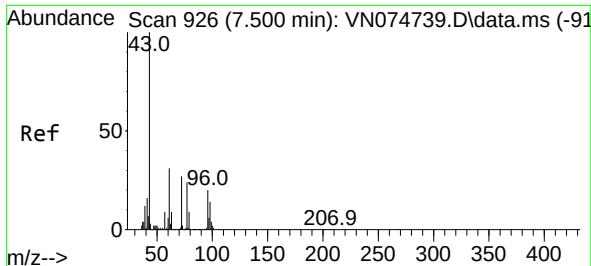
Lab File: VN074738.D

Acq: 05 Oct 2022 12:59

Tgt Ion: 75 Resp: 200907

Ion	Ratio	Lower	Upper
75	100		
110	31.6	17.2	51.5
77	29.2	24.3	36.5





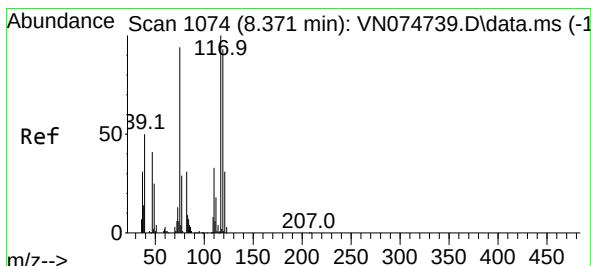
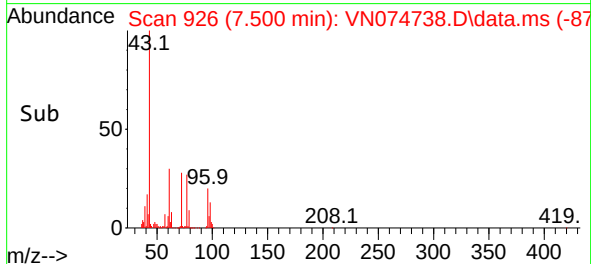
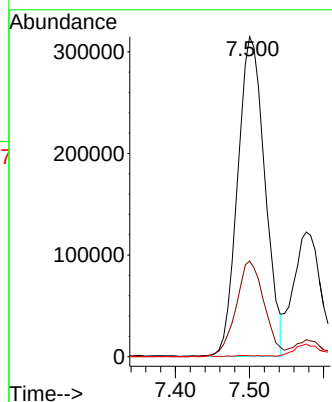
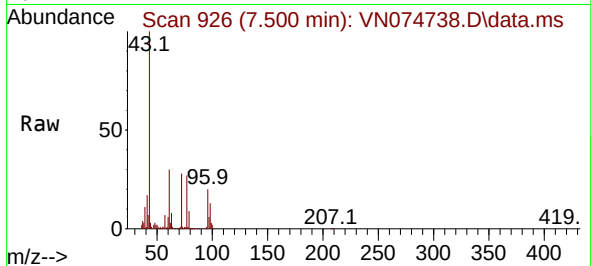
#37
Ethyl Acetate
Concen: 19.190 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 802729
Ion Ratio Lower Upper
43 100
61 31.1 4.3 6.5
70 0.2 3.0 4.4

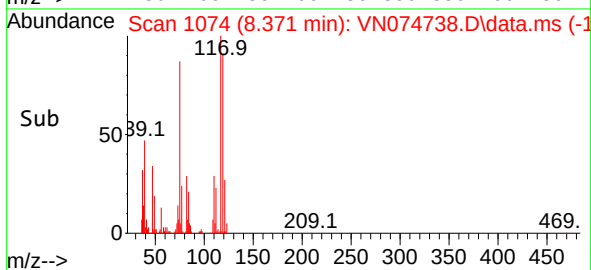
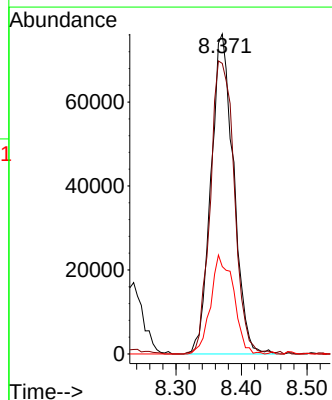
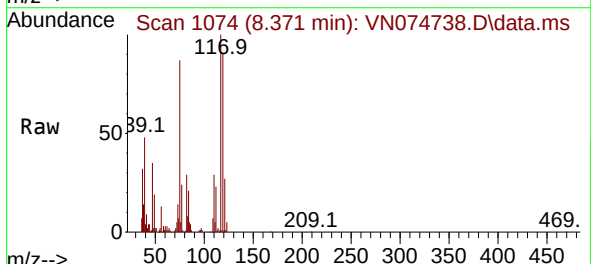
Manual Integrations
APPROVED

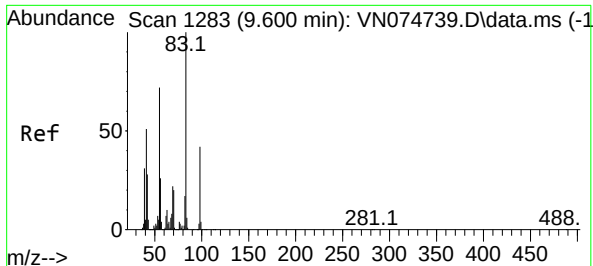
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#38
Carbon Tetrachloride
Concen: 19.213 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

Tgt Ion:117 Resp: 182501
Ion Ratio Lower Upper
117 100
119 90.8 74.3 111.5
121 27.3 25.0 37.4





#39

Methylcyclohexane

Concen: 20.007 ug/l

RT: 9.606 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN074738.D

Acq: 05 Oct 2022 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 26106

Ion Ratio Lower Upper

83 100

55 73.8 57.3 85.9

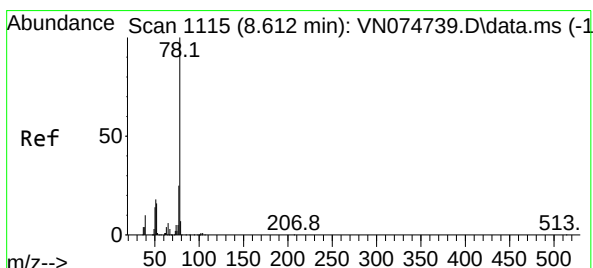
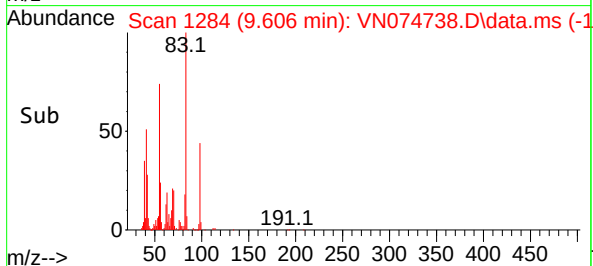
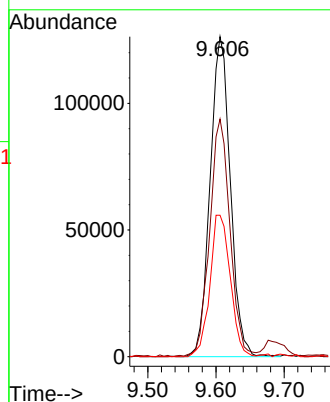
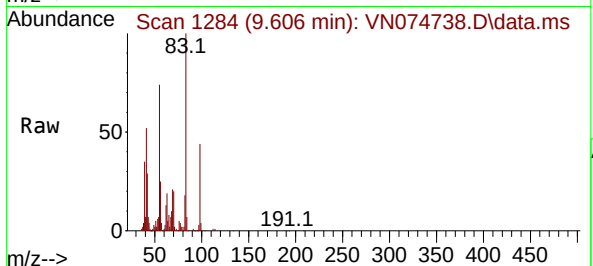
98 44.2 33.4 50.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#40

Benzene

Concen: 19.996 ug/l

RT: 8.618 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN074738.D

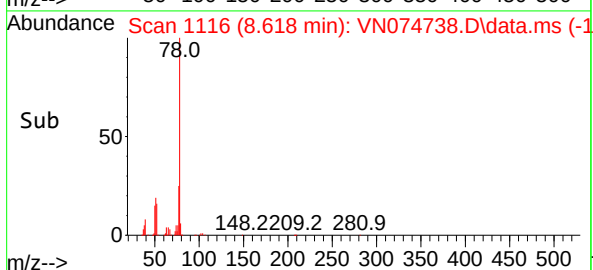
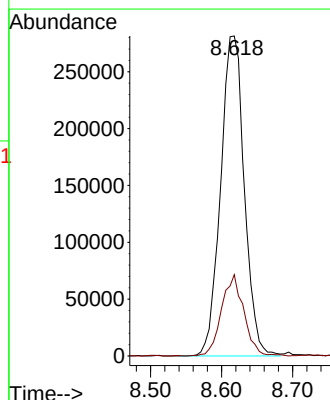
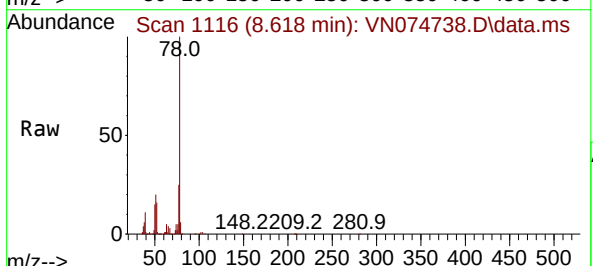
Acq: 05 Oct 2022 12:59

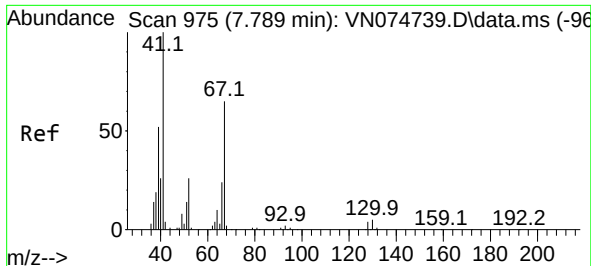
Tgt Ion: 78 Resp: 652028

Ion Ratio Lower Upper

78 100

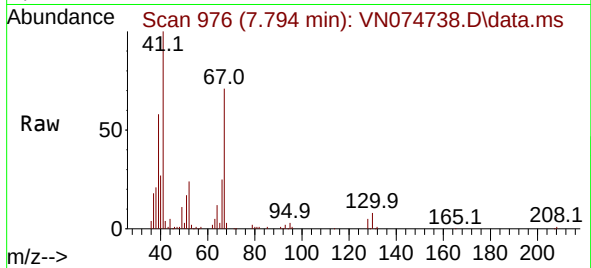
77 25.3 20.1 30.1





#41
Methacrylonitrile
Concen: 19.163 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

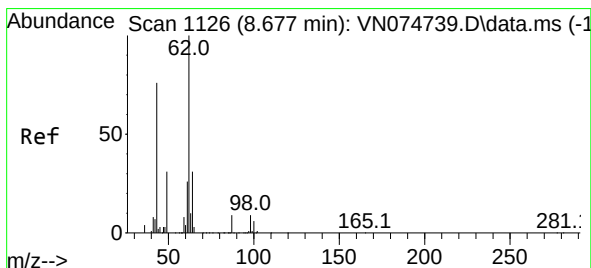
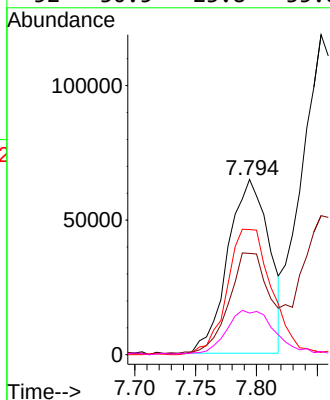
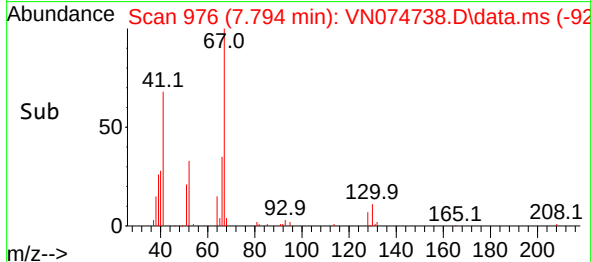
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



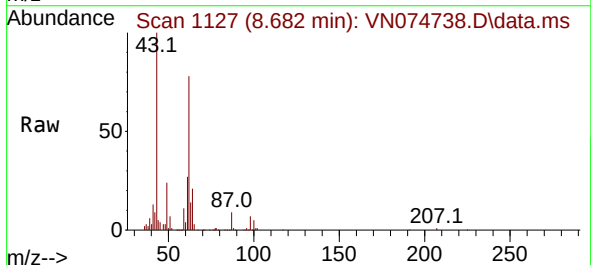
Tgt Ion: 41 Resp: 15252
Ion Ratio Lower Upper
41 100
39 58.0 43.3 64.9
67 78.9 60.2 90.2
52 30.5 23.8 35.8

Manual Integrations
APPROVED

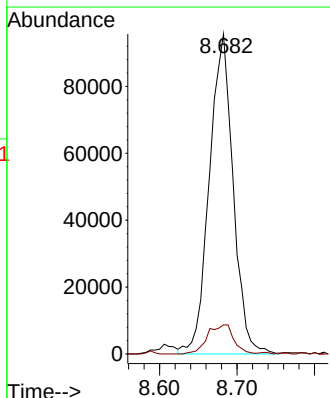
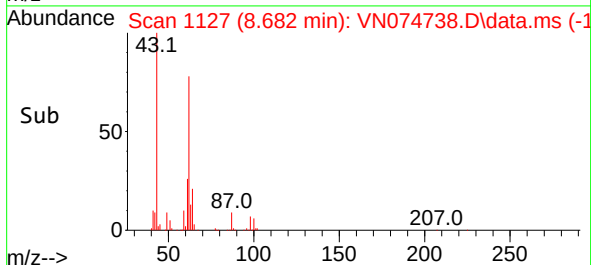
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

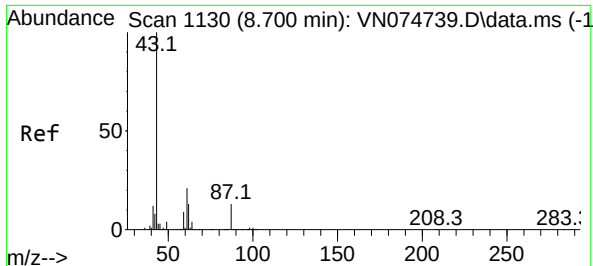


#42
1,2-Dichloroethane
Concen: 19.991 ug/l
RT: 8.682 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59



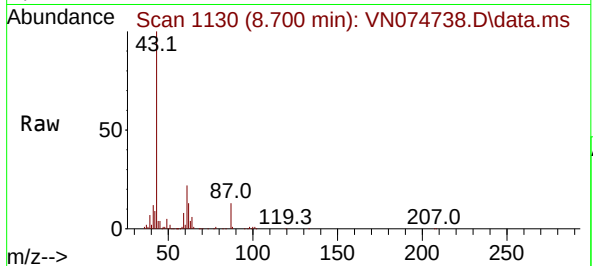
Tgt Ion: 62 Resp: 204615
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.4





#43
Isopropyl Acetate
Concen: 20.105 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

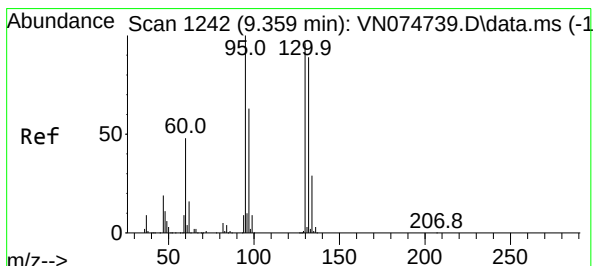
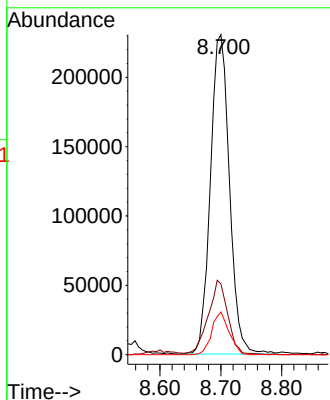
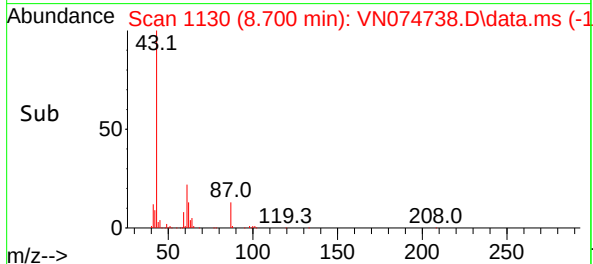
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



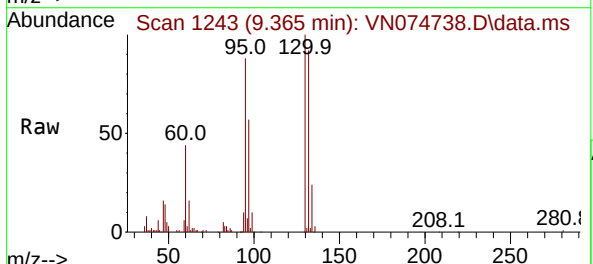
Tgt Ion: 43 Resp: 50197
Ion Ratio Lower Upper
43 100
61 23.7 19.4 29.0
87 12.1 10.1 15.1

Manual Integrations
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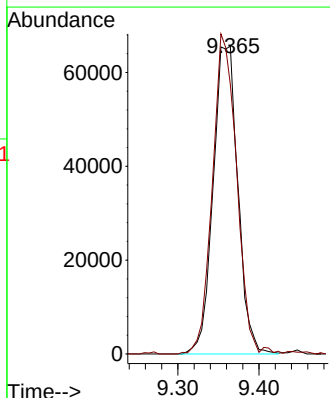
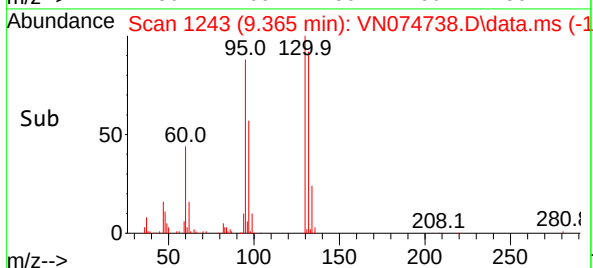
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

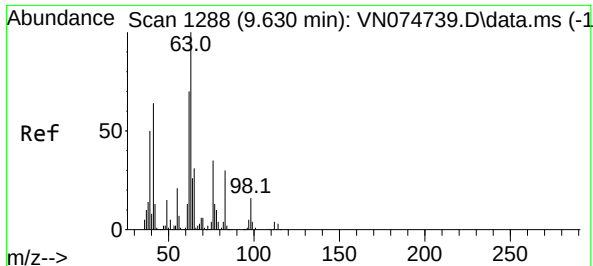


#44
Trichloroethene
Concen: 20.488 ug/l
RT: 9.365 min Scan# 1243
Delta R.T. 0.006 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59



Tgt Ion:130 Resp: 139144
Ion Ratio Lower Upper
130 100
95 87.5 0.0 207.6





#45

1,2-Dichloropropane

Concen: 20.568 ug/l

RT: 9.629 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN074738.D

Acq: 05 Oct 2022 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 18159

Ion Ratio Lower Upper

63 100

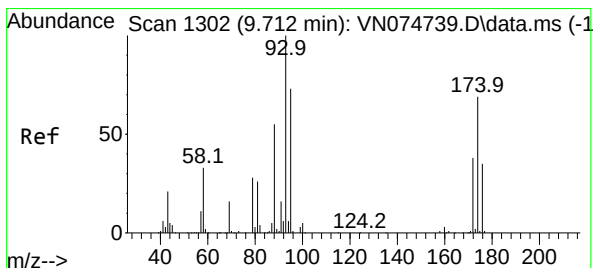
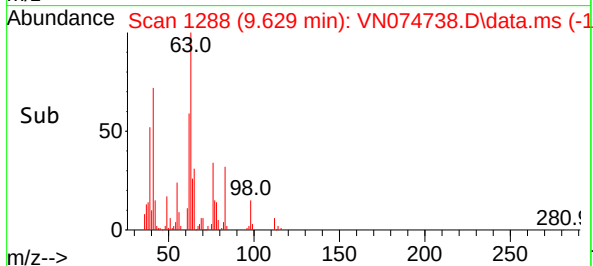
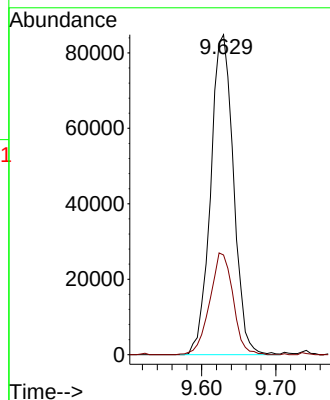
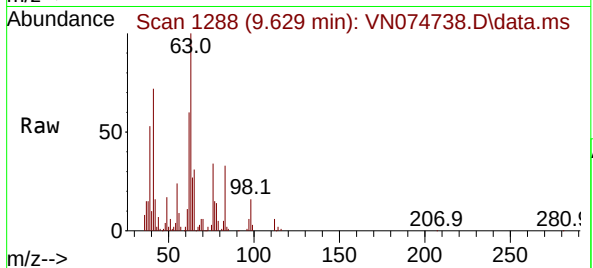
65 31.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#46

Dibromomethane

Concen: 20.525 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.006 min

Lab File: VN074738.D

Acq: 05 Oct 2022 12:59

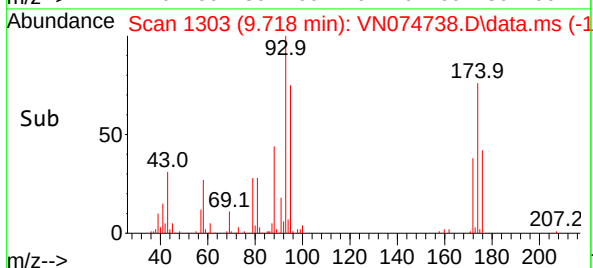
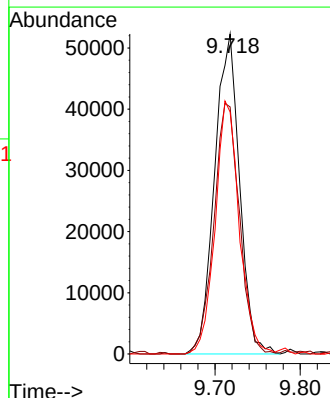
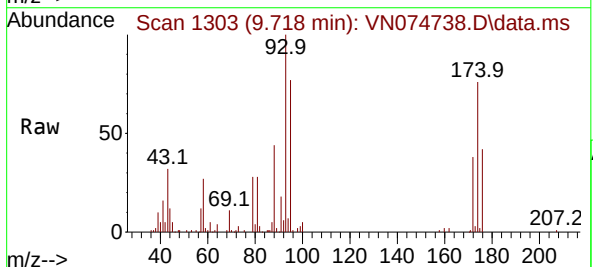
Tgt Ion: 93 Resp: 106340

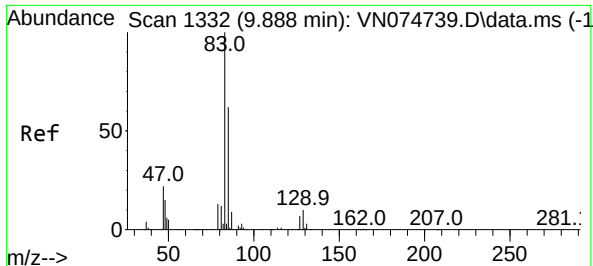
Ion Ratio Lower Upper

93 100

95 80.0 63.4 95.2

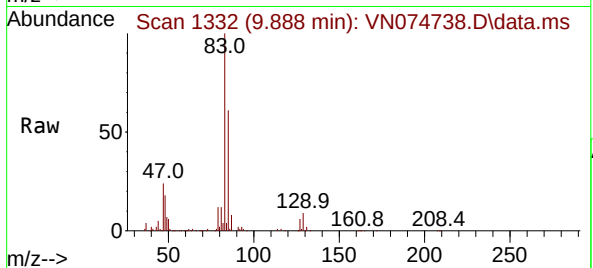
174 76.6 60.5 90.7





#47
Bromodichloromethane
Concen: 19.635 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

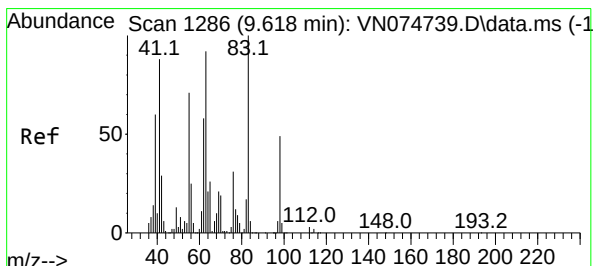
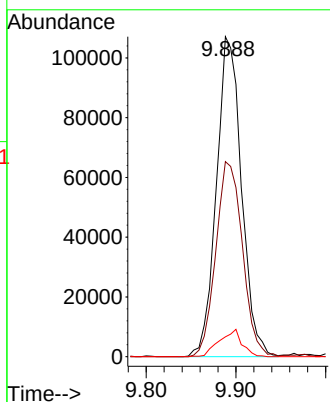
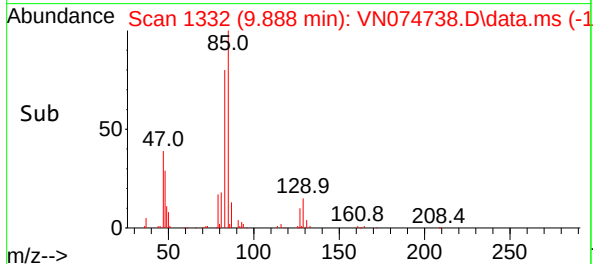
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



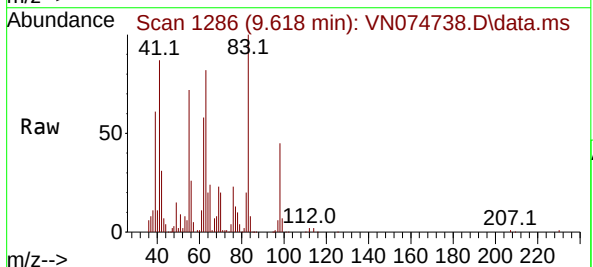
Tgt Ion: 83 Resp: 207839
Ion Ratio Lower Upper
83 100
85 60.9 49.7 74.5
127 6.2 5.8 8.8

Manual Integrations
APPROVED

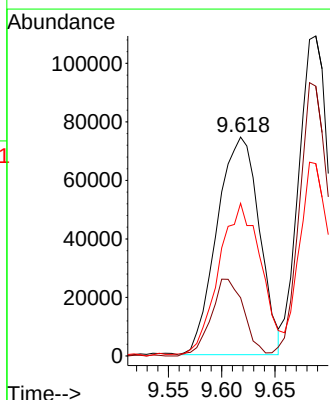
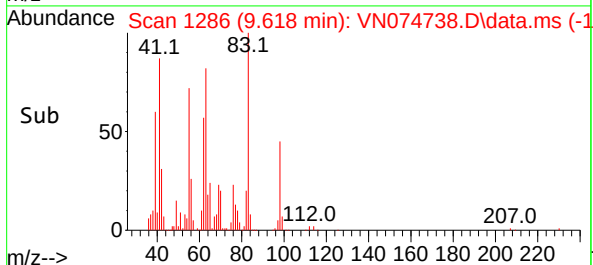
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

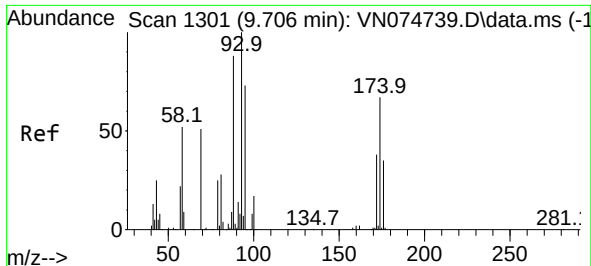


#48
Methyl methacrylate
Concen: 20.095 ug/l
RT: 9.618 min Scan# 1286
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59



Tgt Ion: 41 Resp: 205987
Ion Ratio Lower Upper
41 100
69 27.2 0.0 0.0#
39 69.5 54.4 81.6





#49

1,4-Dioxane

Concen: 406.393 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074738.D

Acq: 05 Oct 2022 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 90280

Ion Ratio Lower Upper

88 100

43 23.0 23.4 35.2

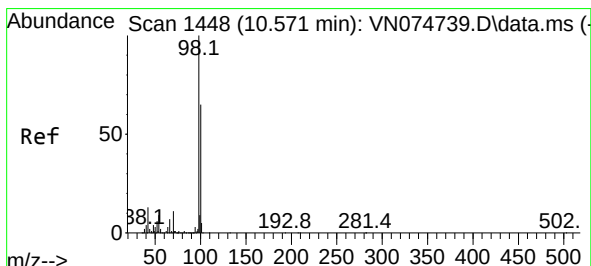
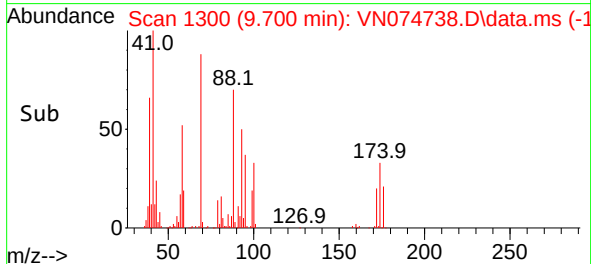
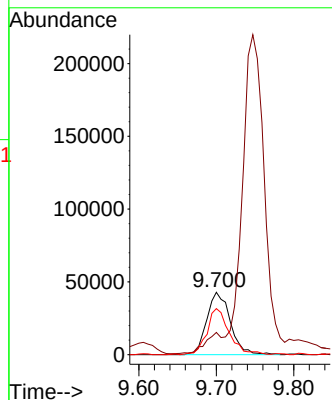
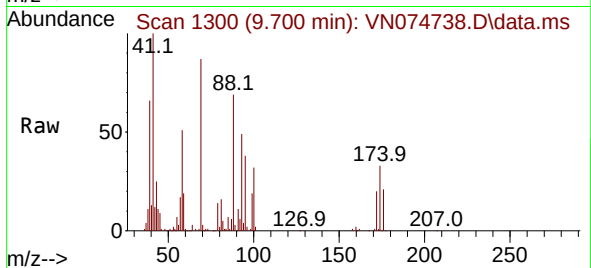
58 70.5 54.9 82.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#50

Toluene-d8

Concen: 20.034 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN074738.D

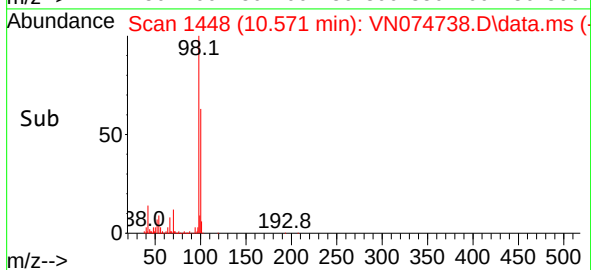
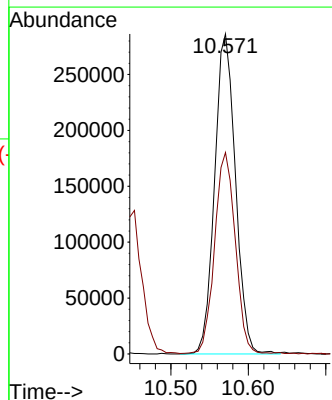
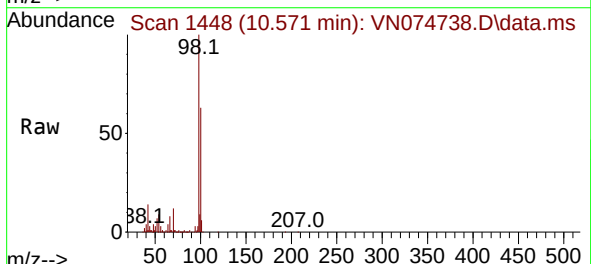
Acq: 05 Oct 2022 12:59

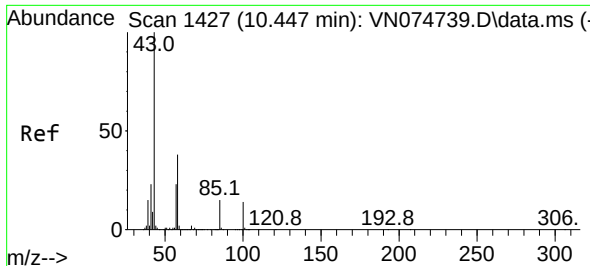
Tgt Ion: 98 Resp: 534959

Ion Ratio Lower Upper

98 100

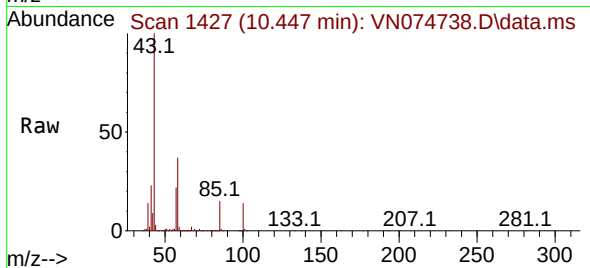
100 62.0 50.7 76.1





#51
4-Methyl-2-Pentanone
Concen: 100.280 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

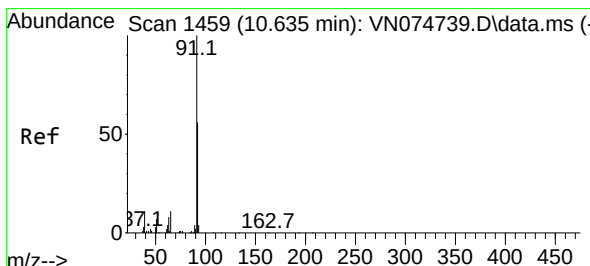
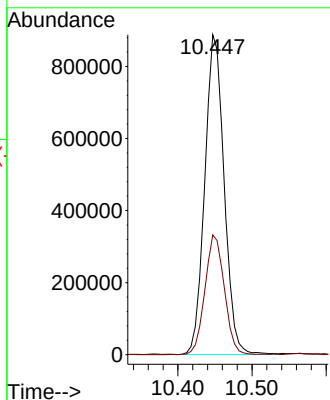
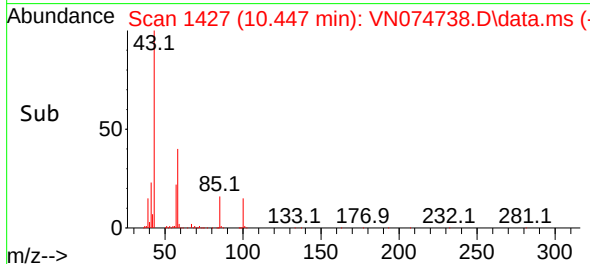
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 1612308
Ion Ratio Lower Upper
43 100
58 37.6 30.6 45.8

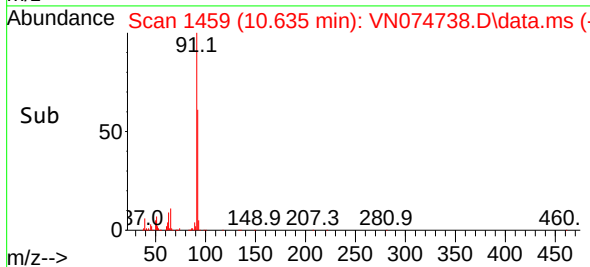
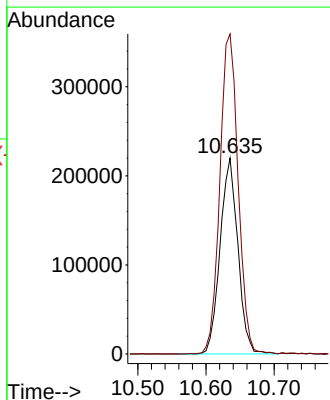
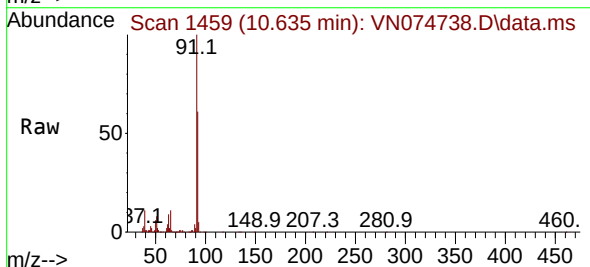
Manual Integrations
APPROVED

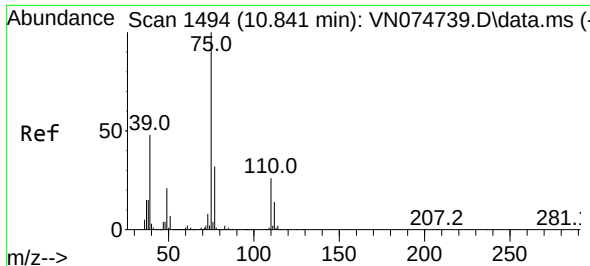
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#52
Toluene
Concen: 20.404 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

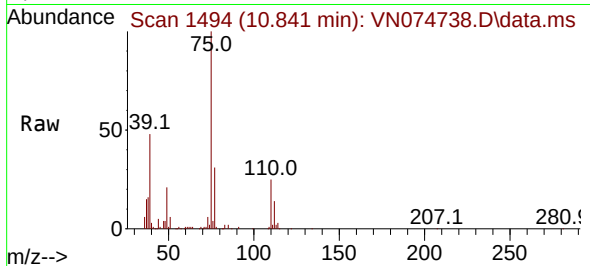
Tgt Ion: 92 Resp: 399685
Ion Ratio Lower Upper
92 100
91 168.0 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 19.753 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

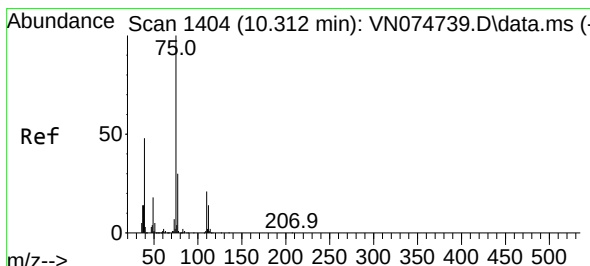
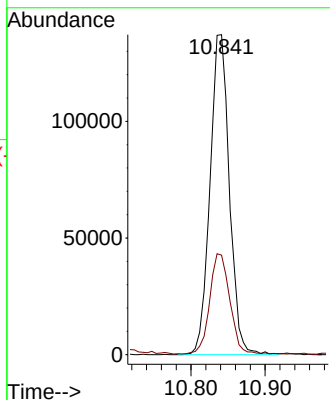
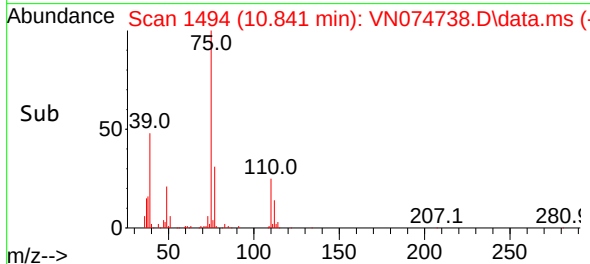
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



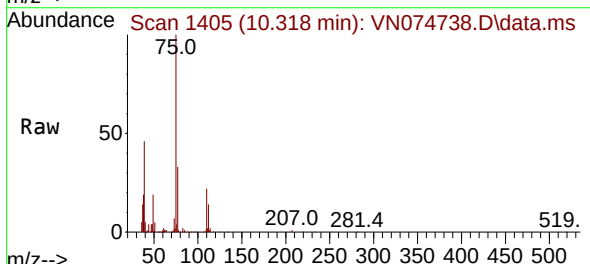
Tgt Ion: 75 Resp: 249130
Ion Ratio Lower Upper
75 100
77 30.8 26.0 39.0

Manual Integrations
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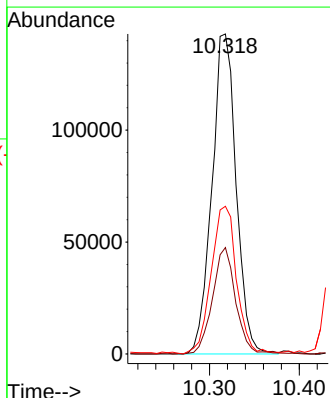
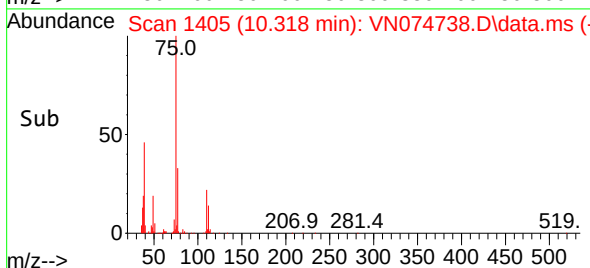
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

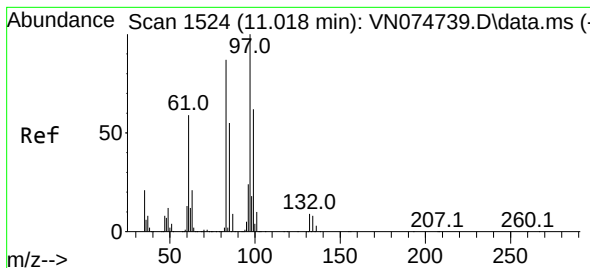


#54
cis-1,3-Dichloropropene
Concen: 19.697 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59



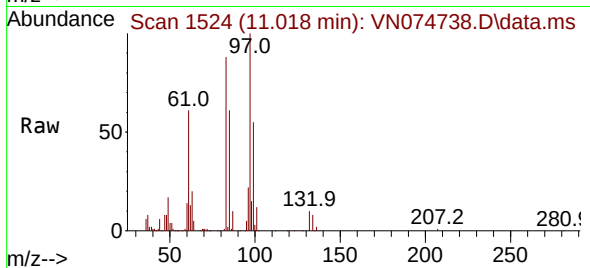
Tgt Ion: 75 Resp: 268201
Ion Ratio Lower Upper
75 100
77 33.1 24.4 36.6
39 45.9 38.6 57.8





#55
1,1,2-Trichloroethane
Concen: 19.875 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

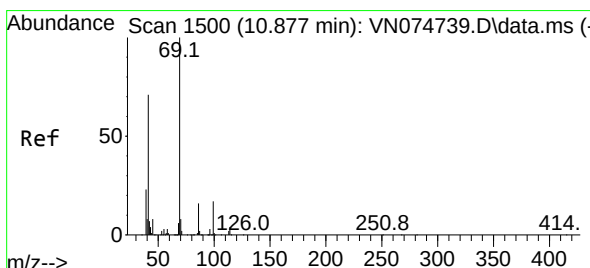
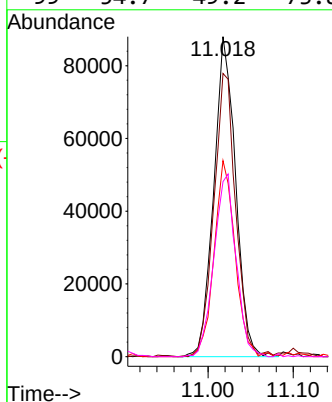
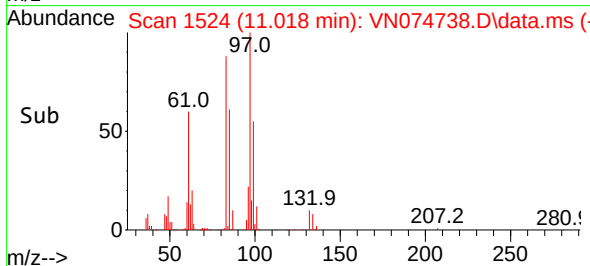


Tgt Ion: 97 Resp: 156544

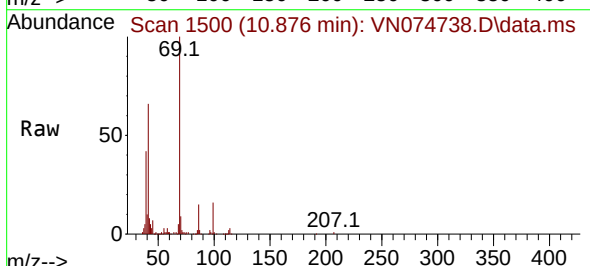
Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.7	104.5
85	61.2	43.8	65.6
99	54.7	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

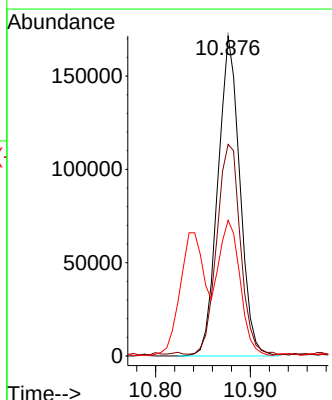
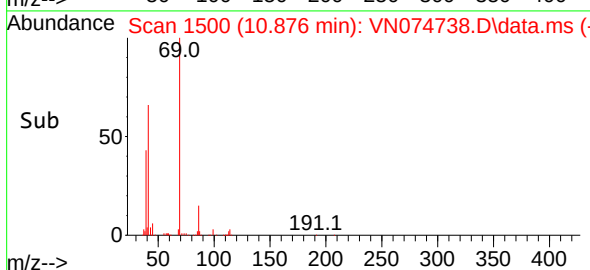


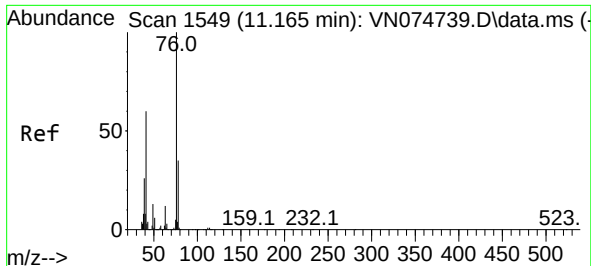
#56
Ethyl methacrylate
Concen: 19.284 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59



Tgt Ion: 69 Resp: 276632

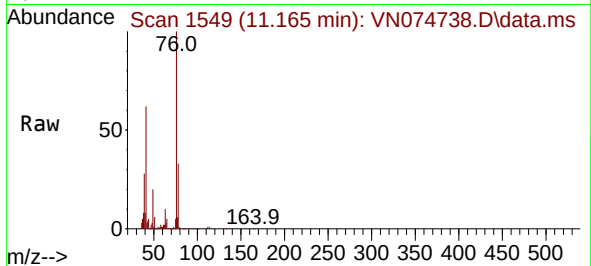
Ion	Ratio	Lower	Upper
69	100		
41	70.5	54.9	82.3
39	41.3	31.5	47.3





#57
1,3-Dichloropropane
Concen: 19.733 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

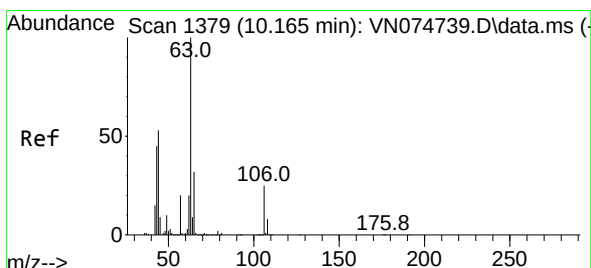
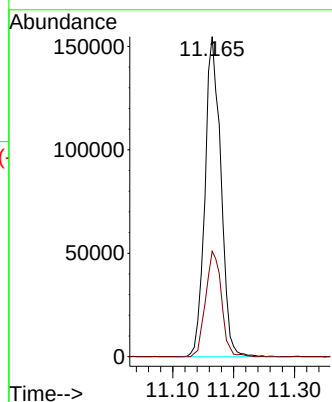
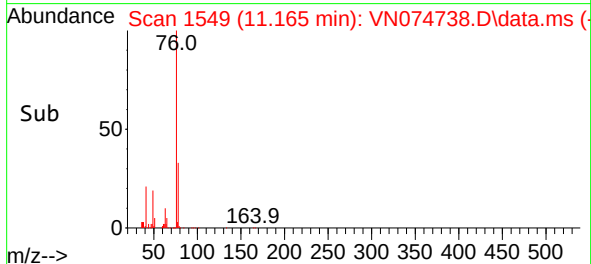
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 280132
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.2

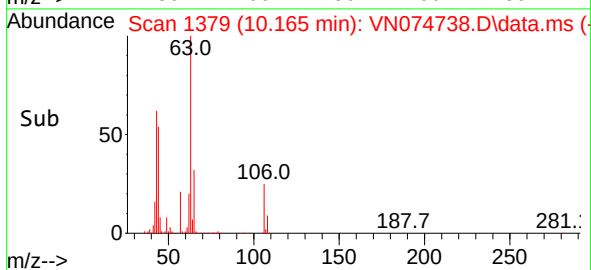
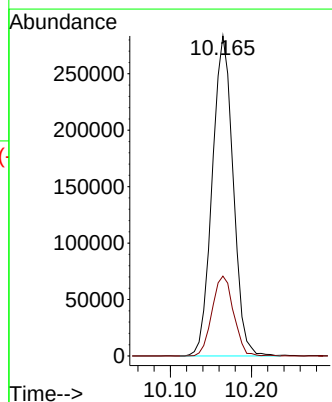
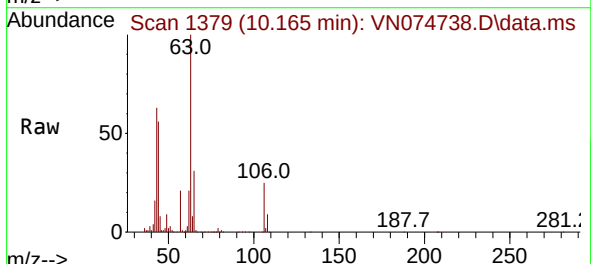
Manual Integrations
APPROVED

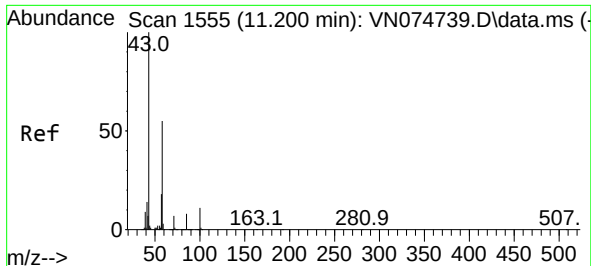
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#58
2-Chloroethyl Vinyl ether
Concen: 98.184 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

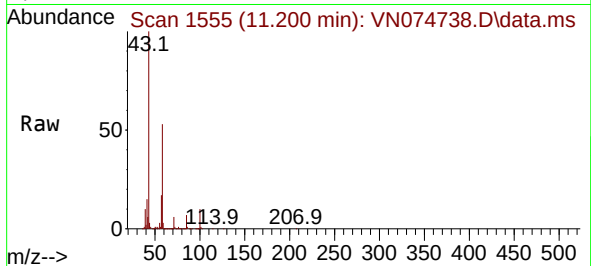
Tgt Ion: 63 Resp: 508022
Ion Ratio Lower Upper
63 100
106 25.6 20.0 30.0





#59
2-Hexanone
Concen: 100.270 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

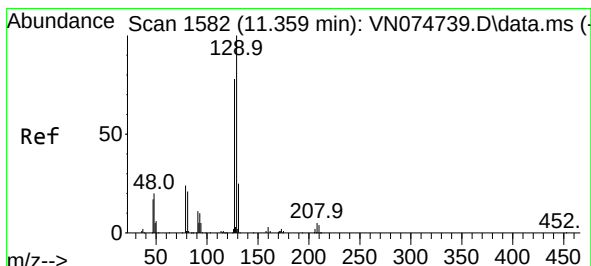
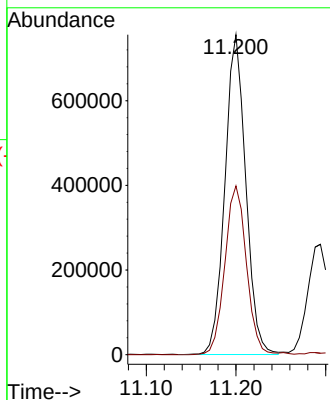
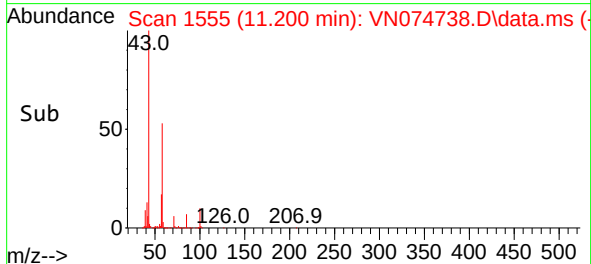
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 121940
Ion Ratio Lower Upper
43 100
58 54.7 27.3 81.9

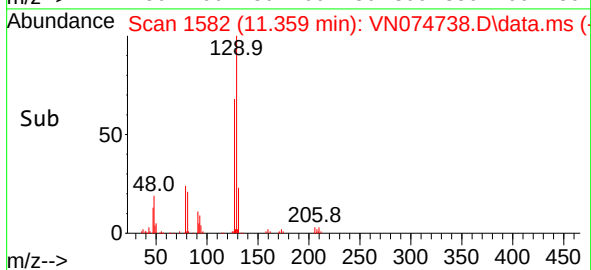
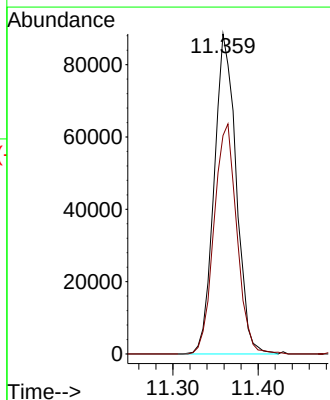
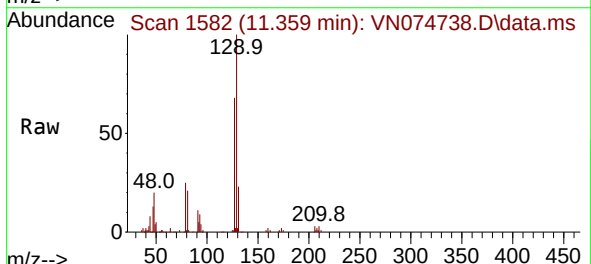
Manual Integrations
APPROVED

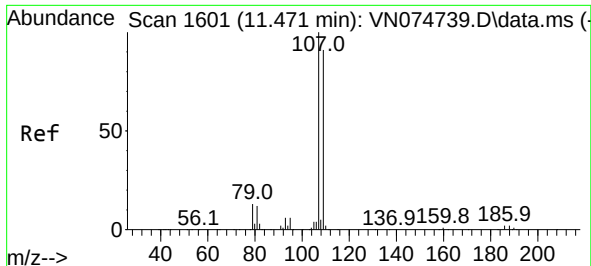
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#60
Dibromochloromethane
Concen: 20.519 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

Tgt Ion:129 Resp: 159212
Ion Ratio Lower Upper
129 100
127 74.7 39.5 118.3





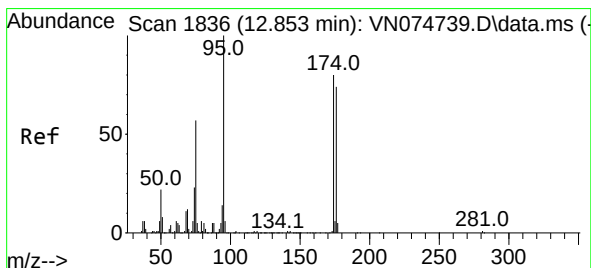
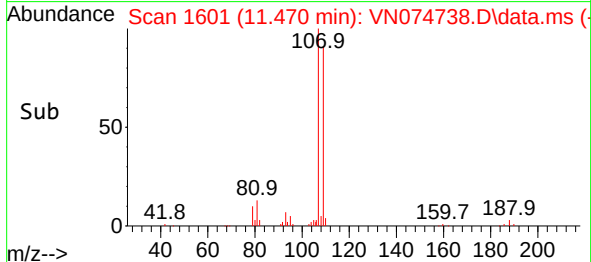
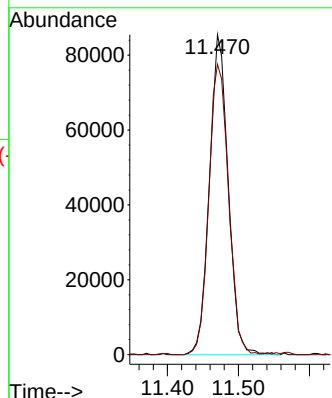
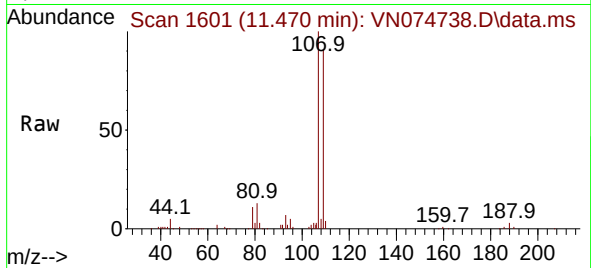
#61
1,2-Dibromoethane
Concen: 19.550 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 15657
Ion Ratio Lower Upper
107 100
109 95.8 74.2 111.2

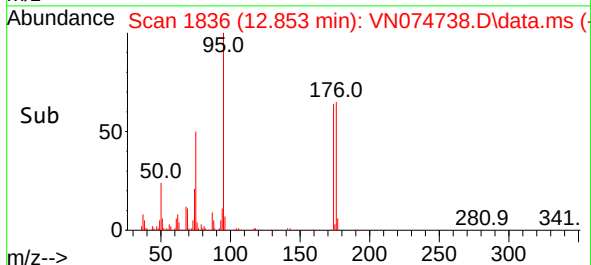
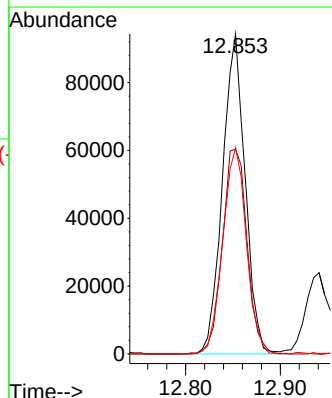
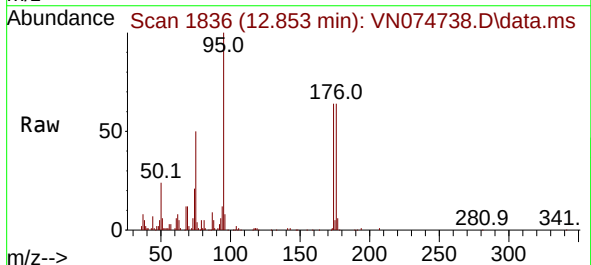
Manual Integrations
APPROVED

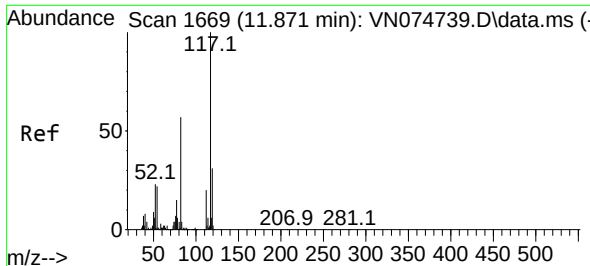
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#62
4-Bromofluorobenzene
Concen: 19.288 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

Tgt Ion: 95 Resp: 156560
Ion Ratio Lower Upper
95 100
174 69.6 0.0 149.4
176 67.2 0.0 142.0





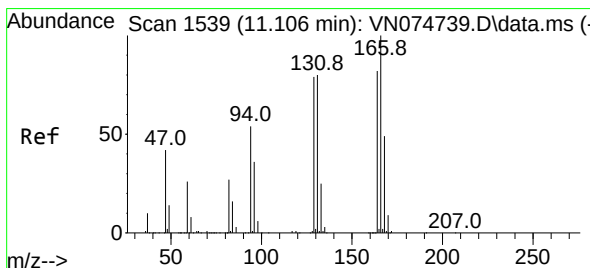
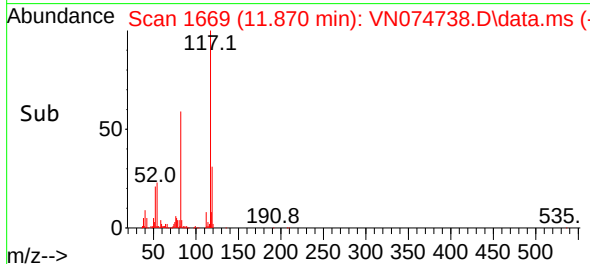
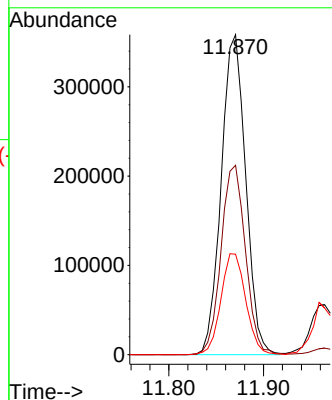
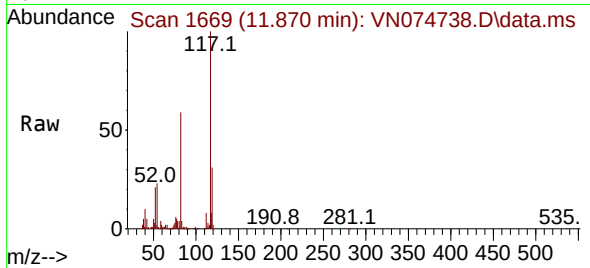
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 64356
Ion Ratio Lower Upper
117 100
82 59.2 45.4 68.2
119 31.4 25.1 37.7

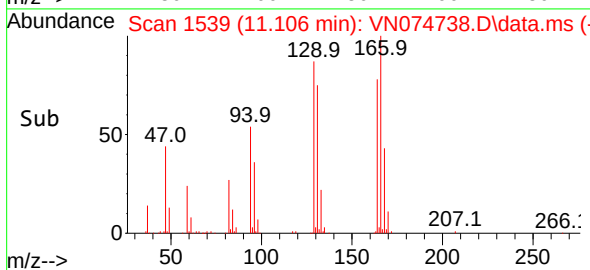
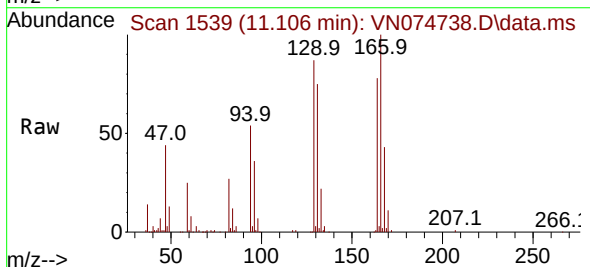
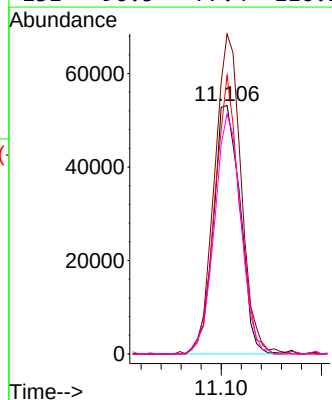
Manual Integrations
APPROVED

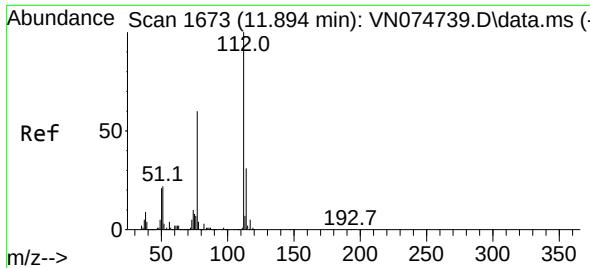
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#64
Tetrachloroethene
Concen: 18.908 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

Tgt Ion:164 Resp: 98782
Ion Ratio Lower Upper
164 100
166 127.8 97.0 145.6
129 112.0 77.0 115.6
131 96.5 77.4 116.2





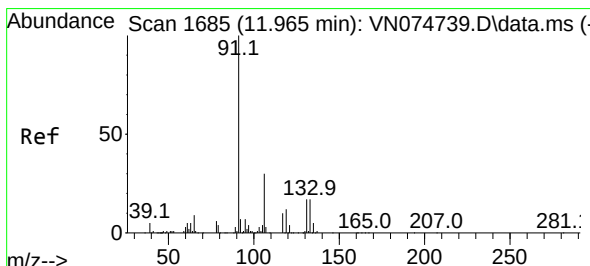
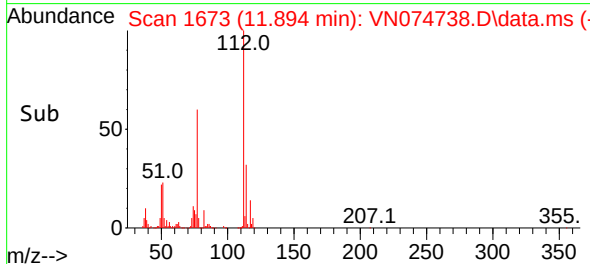
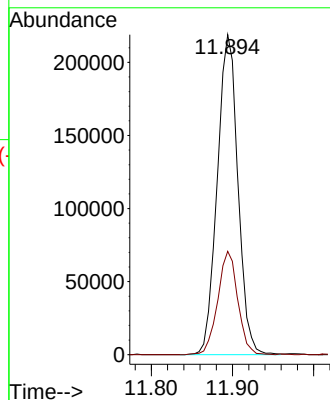
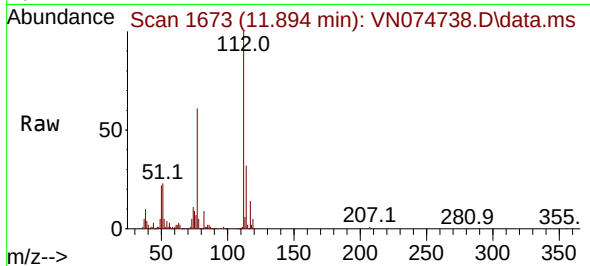
#65
Chlorobenzene
Concen: 19.663 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 38767
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4

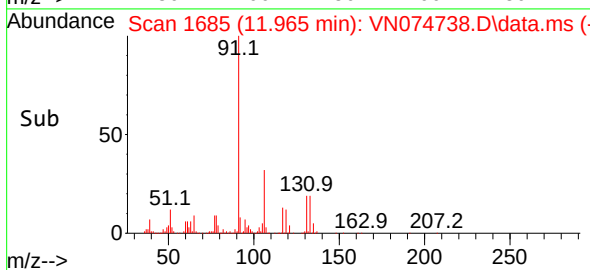
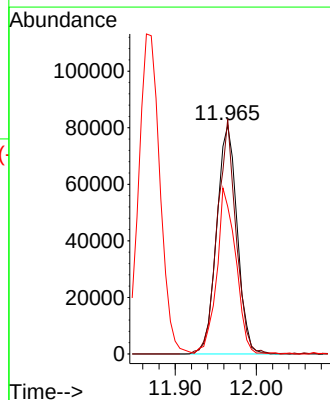
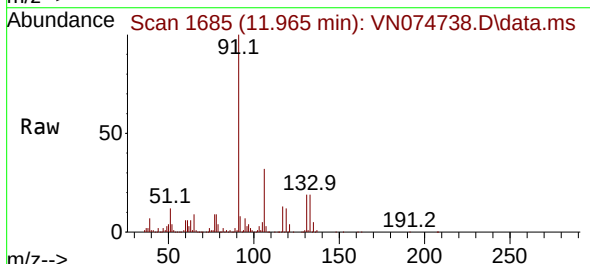
Manual Integrations
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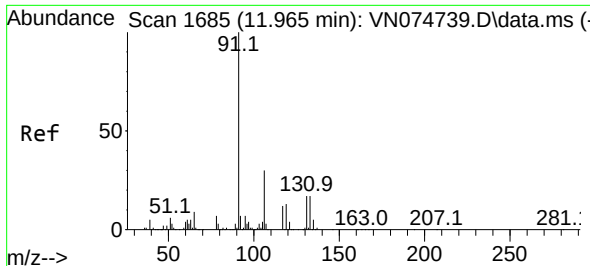
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.705 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

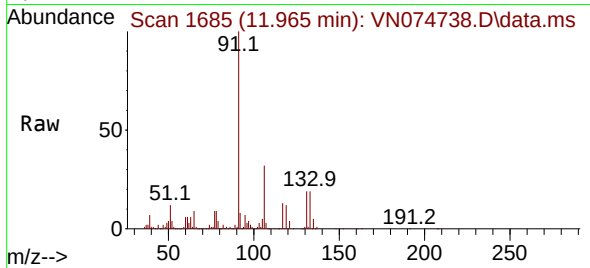
Tgt Ion:131 Resp: 141854
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.9
119 66.6 34.8 104.3





#67
Ethyl Benzene
Concen: 19.795 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

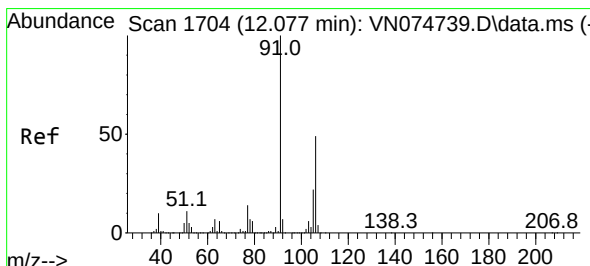
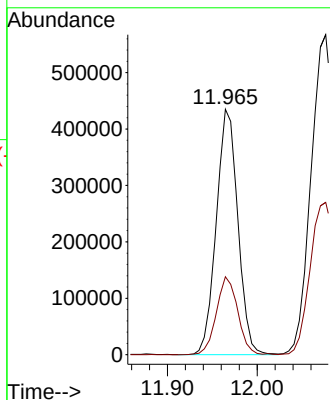
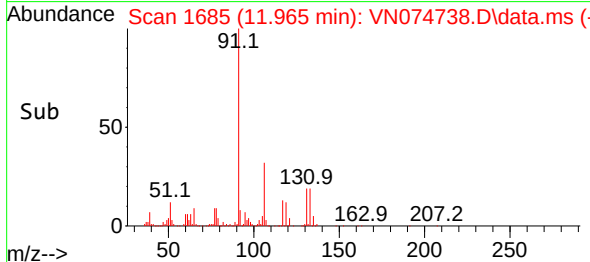
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



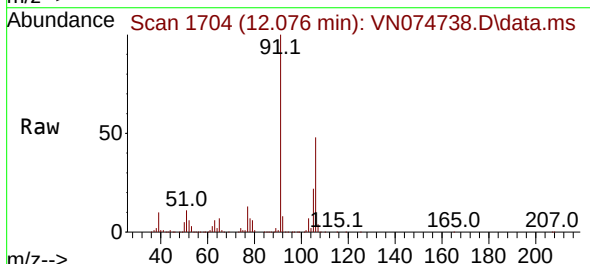
Tgt Ion: 91 Resp: 727452
Ion Ratio Lower Upper
91 100
106 31.8 24.1 36.1

Manual Integrations
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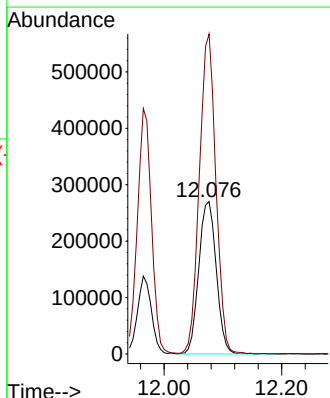
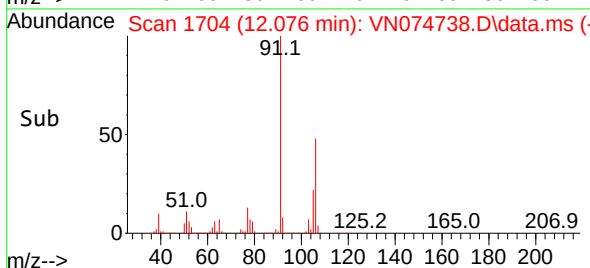
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

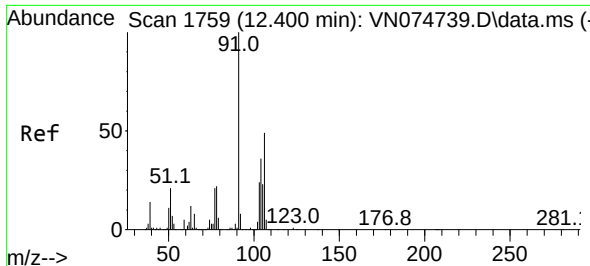


#68
m/p-Xylenes
Concen: 40.516 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59



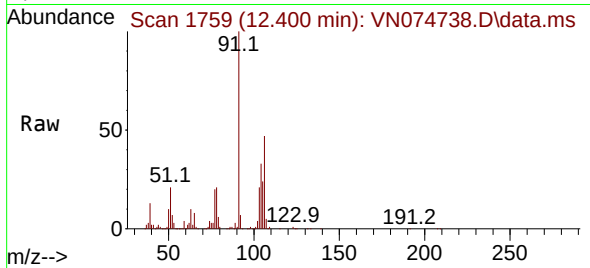
Tgt Ion:106 Resp: 558926
Ion Ratio Lower Upper
106 100
91 198.3 164.2 246.4





#69
o-Xylene
Concen: 19.608 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

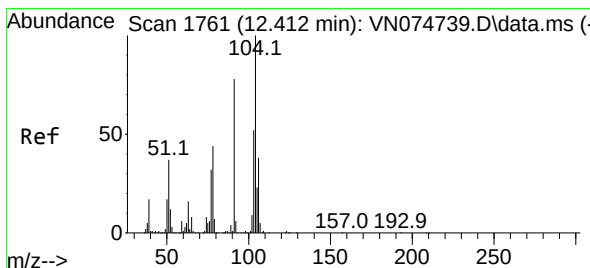
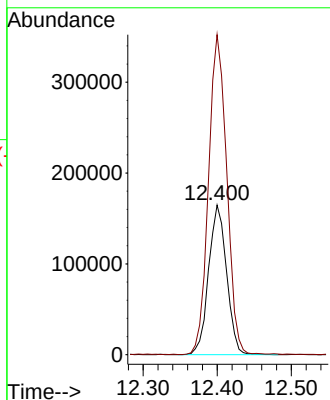
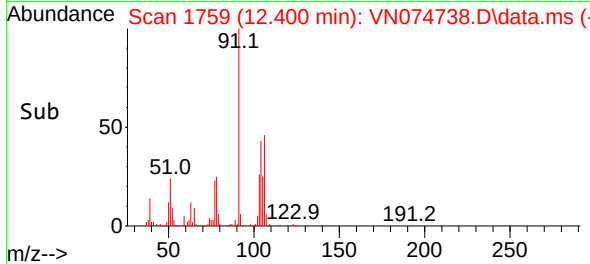
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:106 Resp: 277511
Ion Ratio Lower Upper
106 100
91 217.3 105.4 316.1

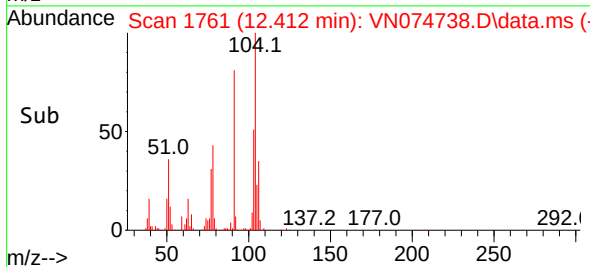
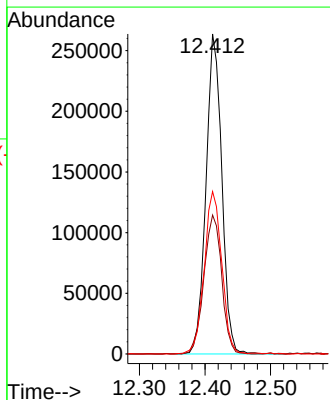
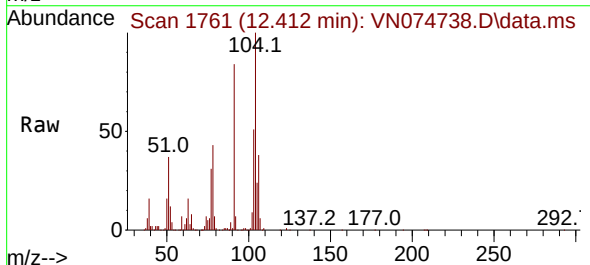
Manual Integrations
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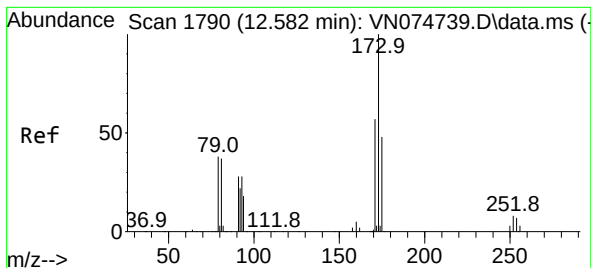
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#70
Styrene
Concen: 19.840 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

Tgt Ion:104 Resp: 442679
Ion Ratio Lower Upper
104 100
78 48.9 39.7 59.5
103 56.2 44.7 67.1





#71

Bromoform

Concen: 19.490 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074738.D

Acq: 05 Oct 2022 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:173 Resp: 107020

Ion Ratio Lower Upper

173 100

175 46.9 23.9 71.7

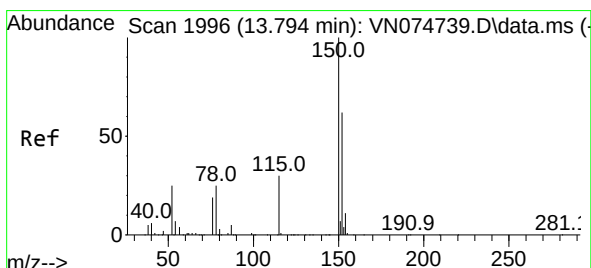
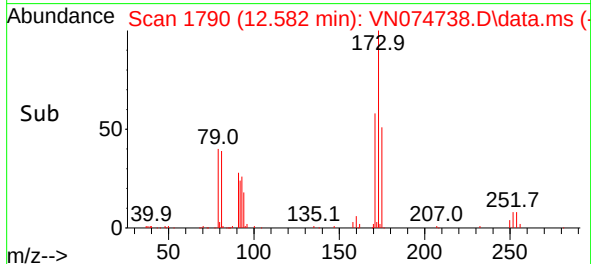
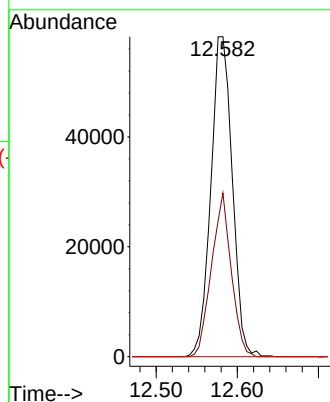
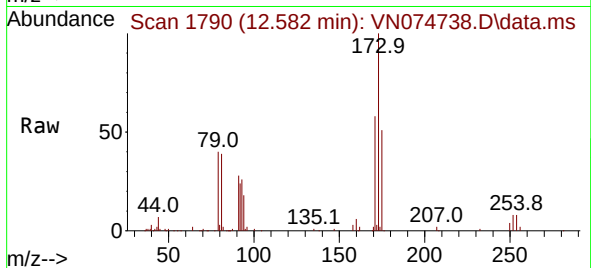
254 0.0 0.1 0.1

Manual Integrations

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Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN074738.D

Acq: 05 Oct 2022 12:59

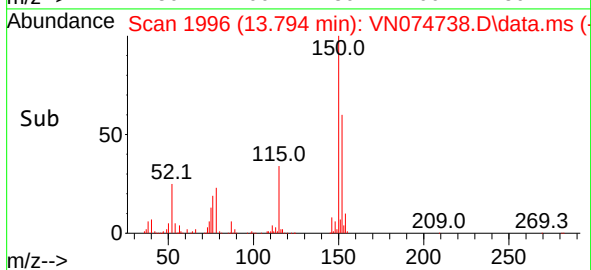
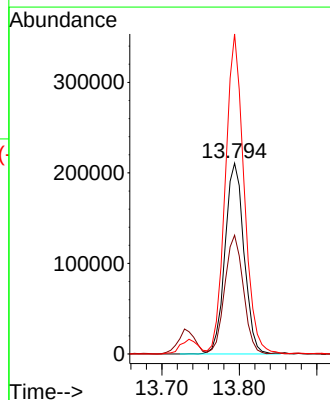
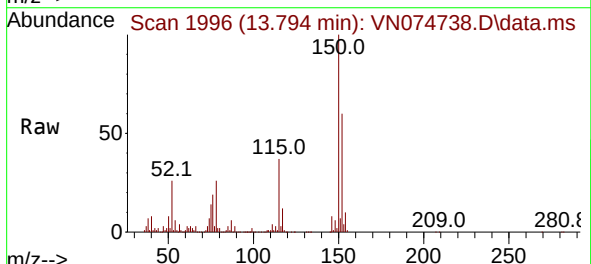
Tgt Ion:152 Resp: 358737

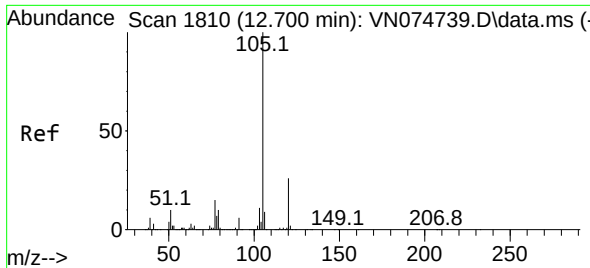
Ion Ratio Lower Upper

152 100

115 60.7 30.0 90.0

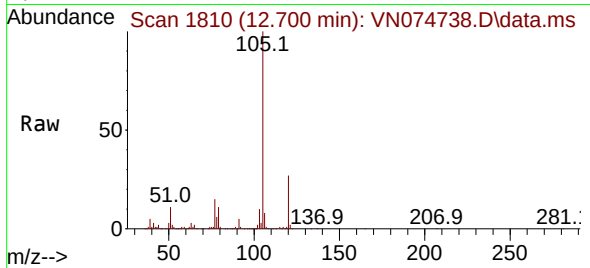
150 164.6 0.0 356.4





#73
Isopropylbenzene
Concen: 20.176 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

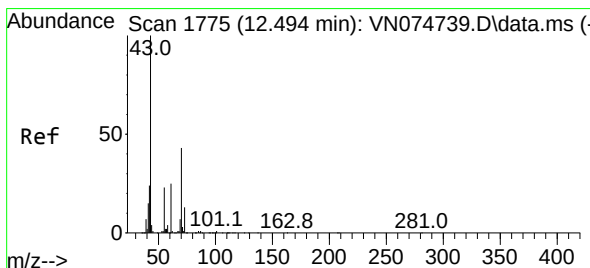
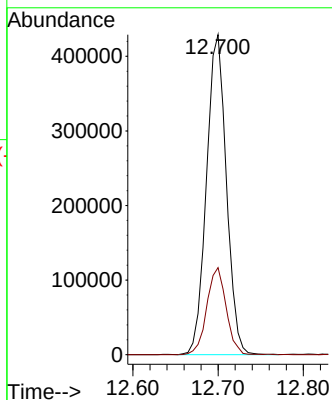
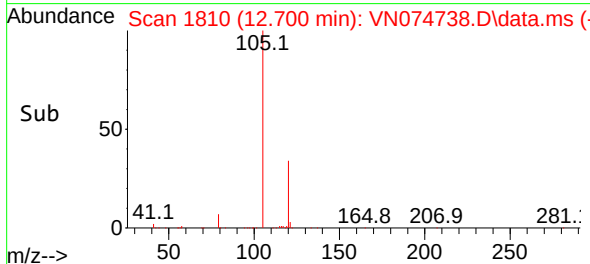
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



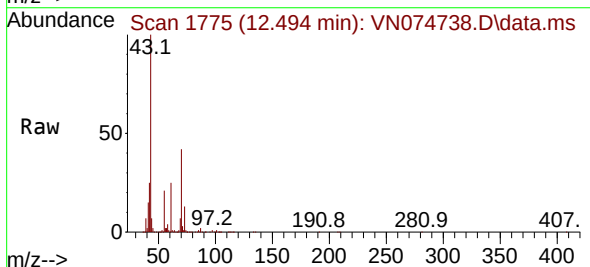
Tgt Ion:105 Resp: 696479
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

Manual Integrations
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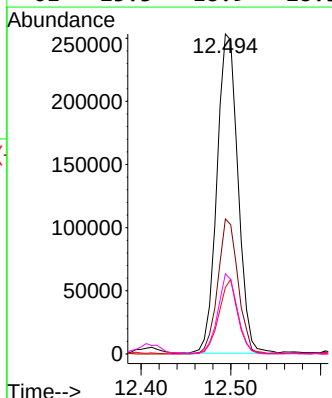
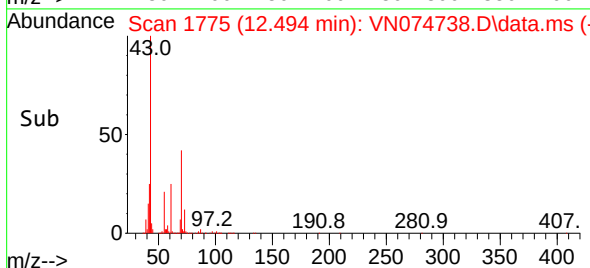
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

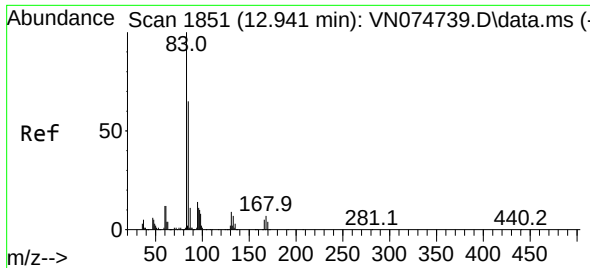


#74
N-ethyl acetate
Concen: 19.727 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59



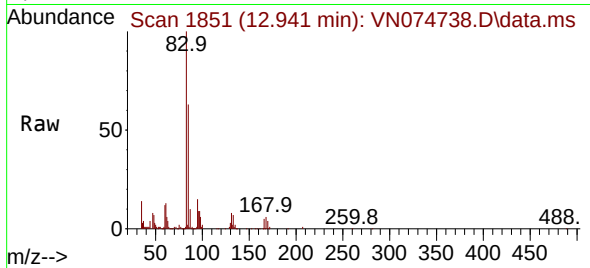
Tgt Ion: 43 Resp: 411747
Ion Ratio Lower Upper
43 100
70 40.7 32.9 49.3
55 21.4 17.8 26.6
61 23.3 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.428 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

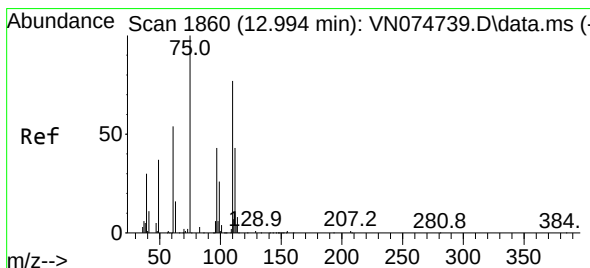
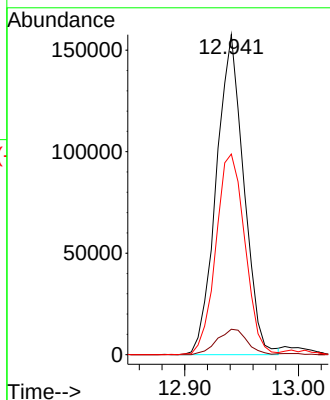
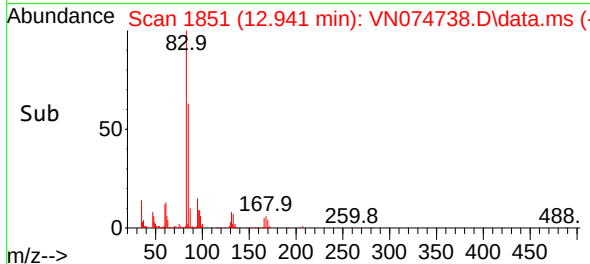
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



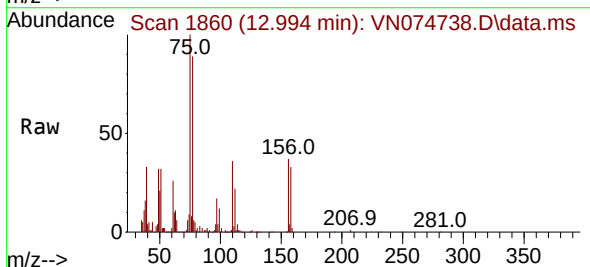
Tgt Ion: 83 Resp: 265440
Ion Ratio Lower Upper
83 100
131 8.6 4.3 12.8
85 66.1 32.9 98.6

Manual Integrations
APPROVED

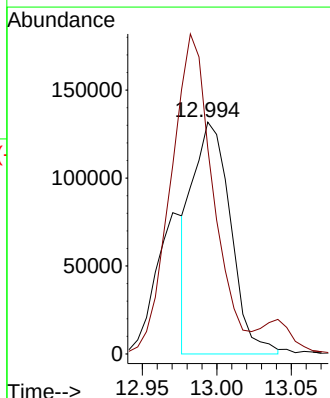
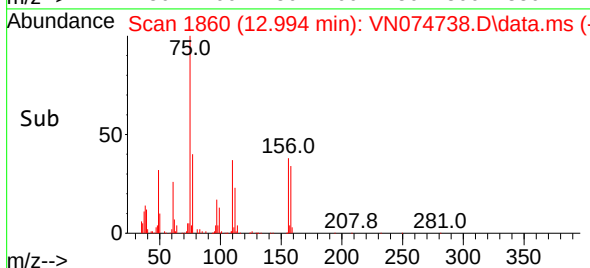
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

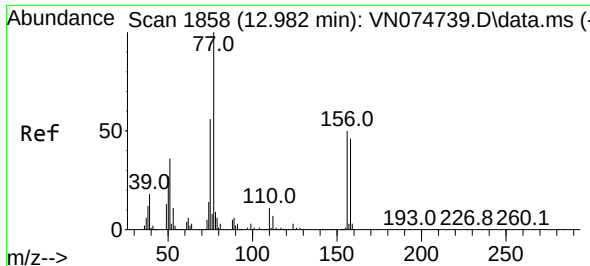


#76
1,2,3-Trichloropropane
Concen: 21.188 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59



Tgt Ion: 75 Resp: 236153
Ion Ratio Lower Upper
75 100
77 152.8 76.9 230.7





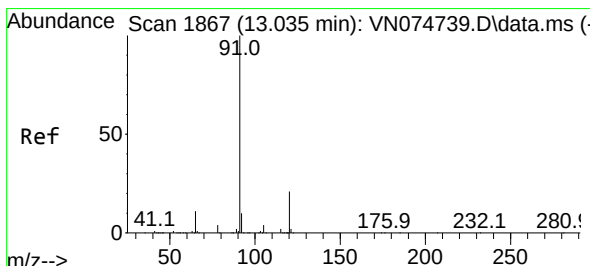
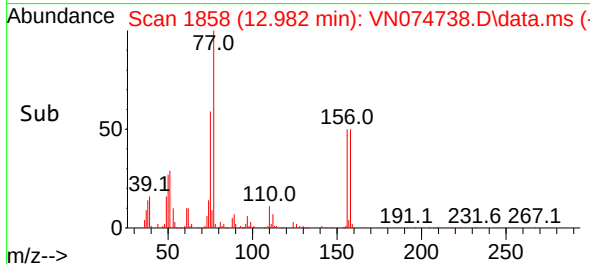
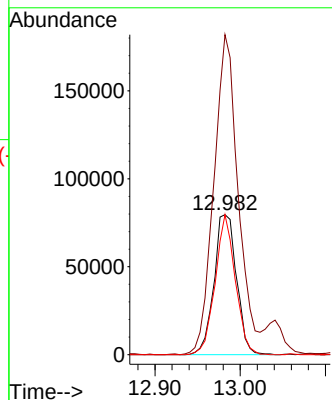
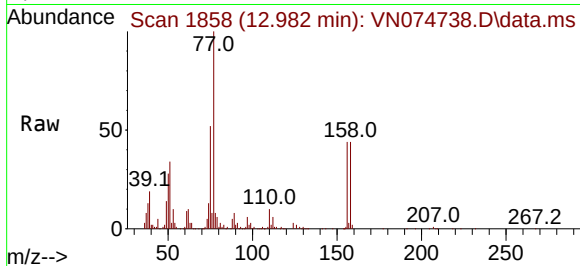
#77
Bromobenzene
Concen: 20.496 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 146183
Ion Ratio Lower Upper
156 100
77 246.8 124.7 374.1
158 89.5 48.3 144.9

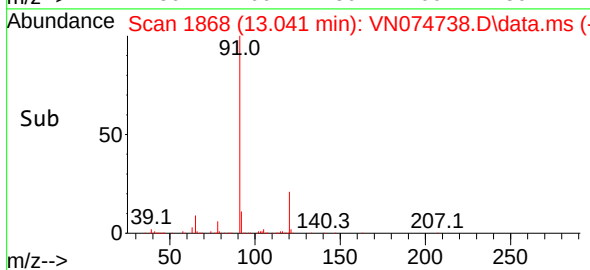
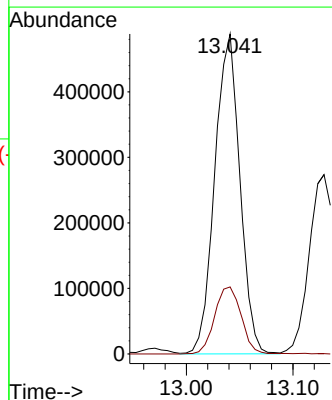
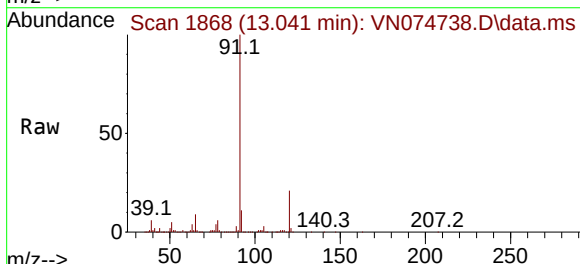
Manual Integrations
APPROVED

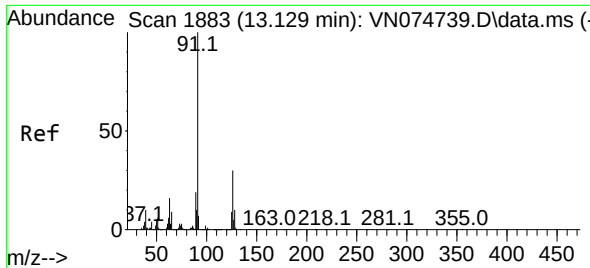
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#78
n-propylbenzene
Concen: 20.075 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

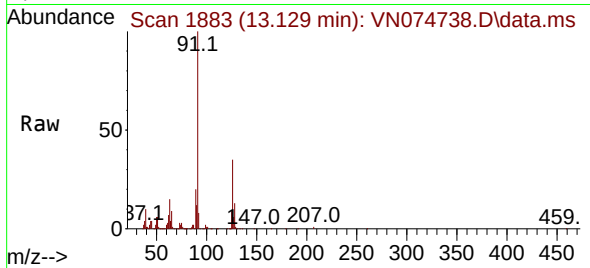
Tgt Ion: 91 Resp: 798382
Ion Ratio Lower Upper
91 100
120 22.1 10.8 32.4





#79
2-Chlorotoluene
Concen: 19.657 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

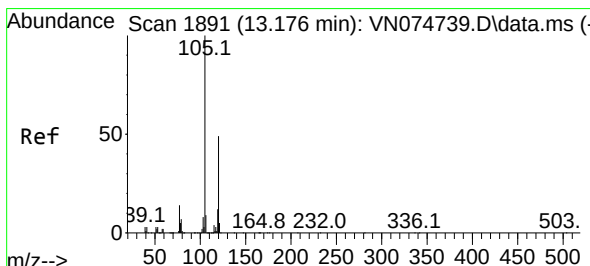
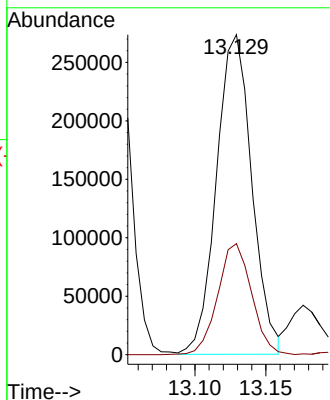
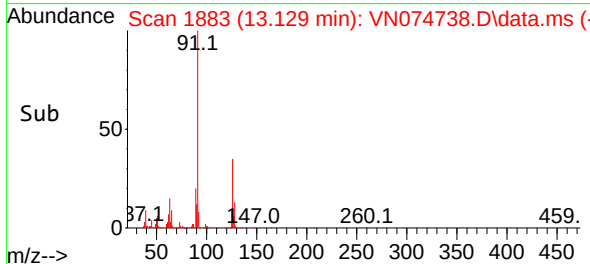
Instrument : MSVOA_N
ClientSampleId : VSTDIC020



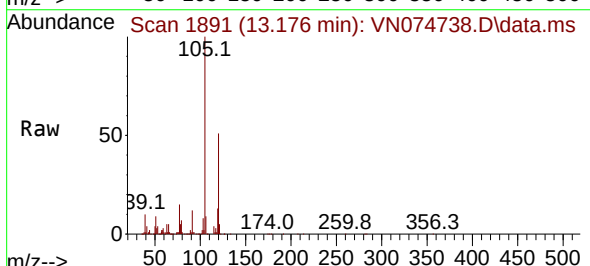
Tgt Ion: 91 Resp: 474040
Ion Ratio Lower Upper
91 100
126 33.2 15.7 47.0

Manual Integrations
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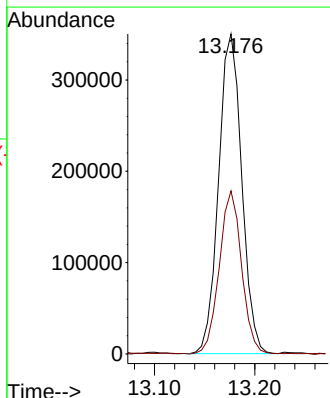
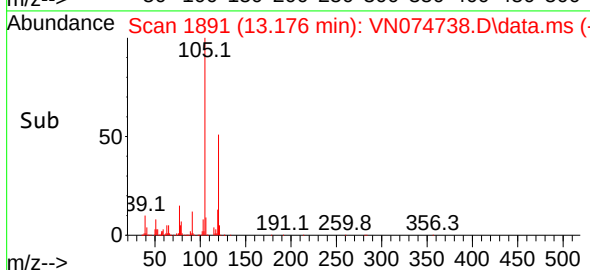
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

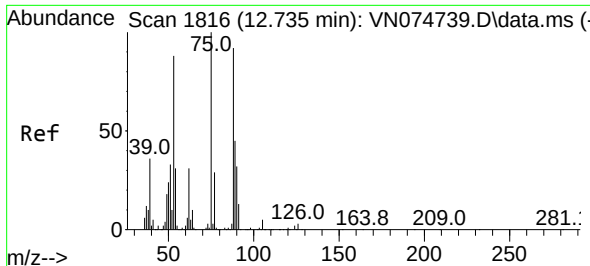


#80
1,3,5-Trimethylbenzene
Concen: 20.366 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59



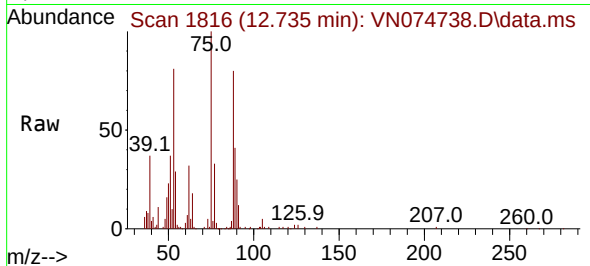
Tgt Ion:105 Resp: 560705
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.132 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

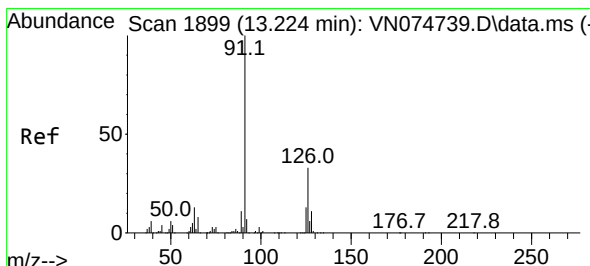
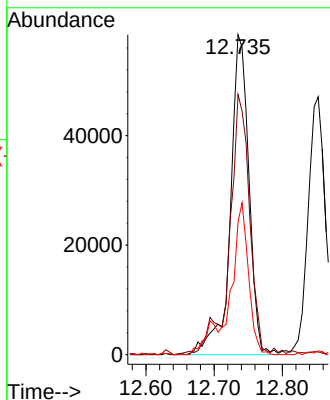
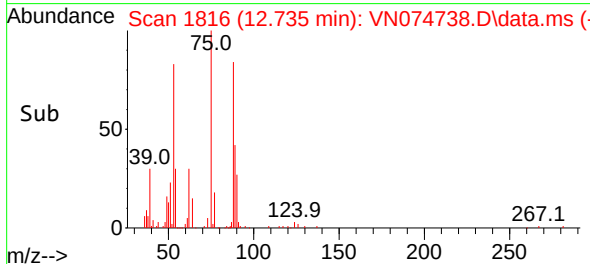
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



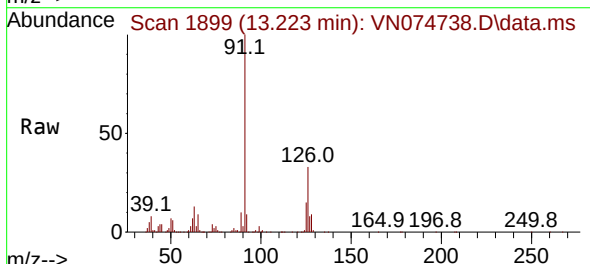
Tgt Ion: 75 Resp: 110639
Ion Ratio Lower Upper
75 100
53 76.7 71.4 107.0
89 40.6 32.1 48.1

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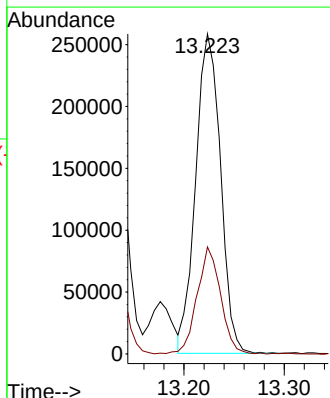
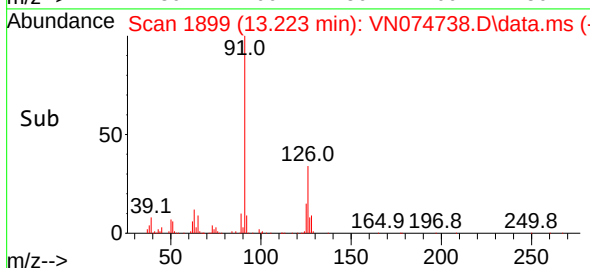
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

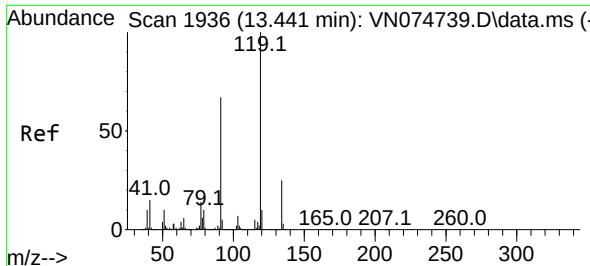


#82
4-Chlorotoluene
Concen: 19.862 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59



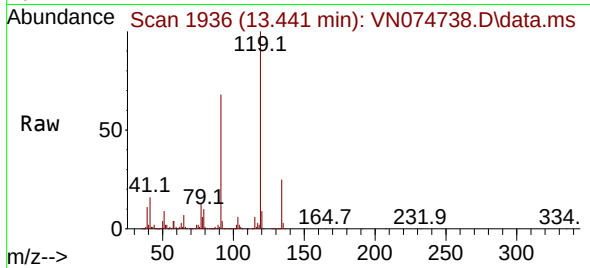
Tgt Ion: 91 Resp: 444117
Ion Ratio Lower Upper
91 100
126 31.6 16.4 49.2





#83
tert-Butylbenzene
Concen: 20.599 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

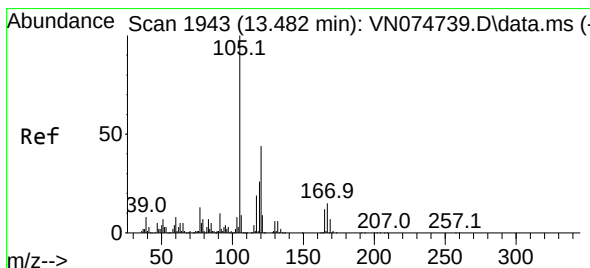
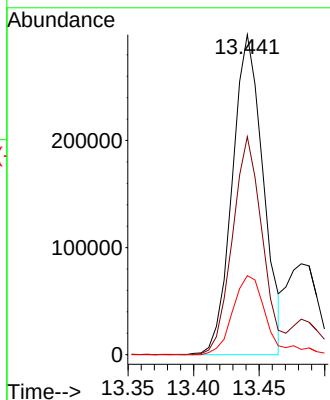
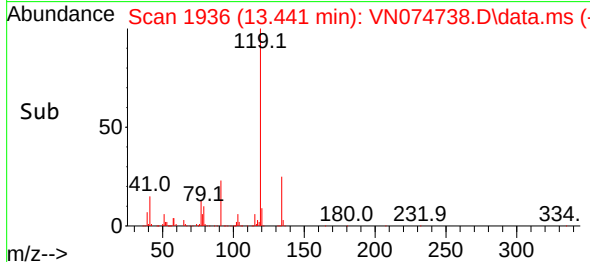
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



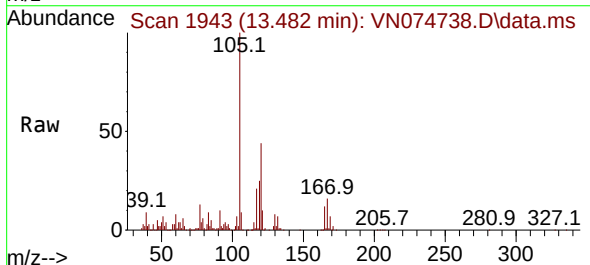
Tgt Ion:119 Resp: 490082
Ion Ratio Lower Upper
119 100
91 66.5 33.0 98.9
134 27.1 13.2 39.5

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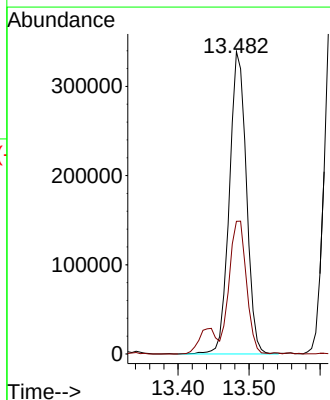
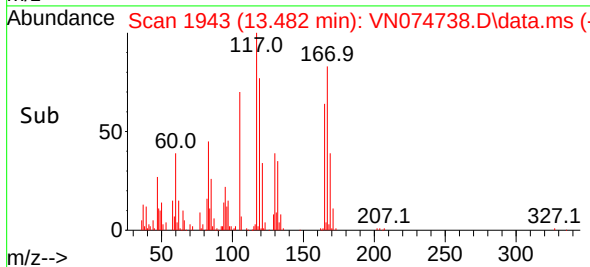
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

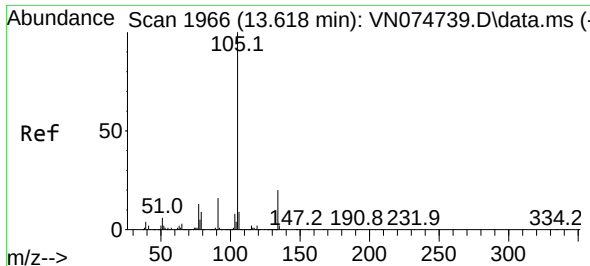


#84
1,2,4-Trimethylbenzene
Concen: 20.292 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59



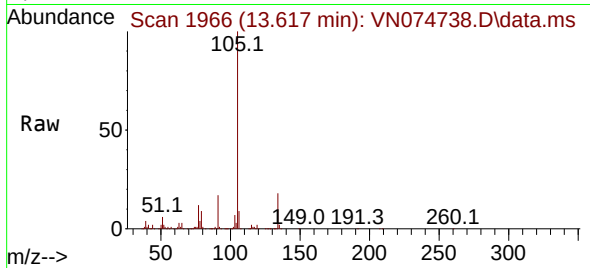
Tgt Ion:105 Resp: 564887
Ion Ratio Lower Upper
105 100
120 43.9 21.7 65.1





#85
 sec-Butylbenzene
 Concen: 20.563 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074738.D
 Acq: 05 Oct 2022 12:59

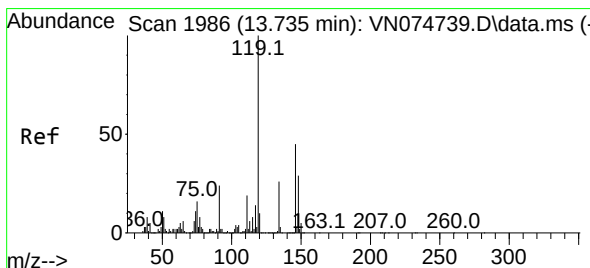
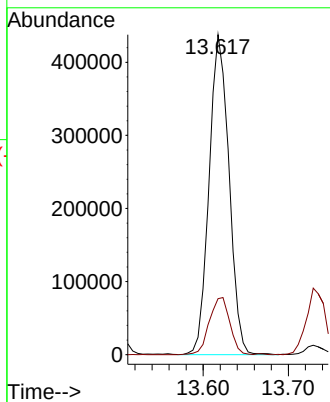
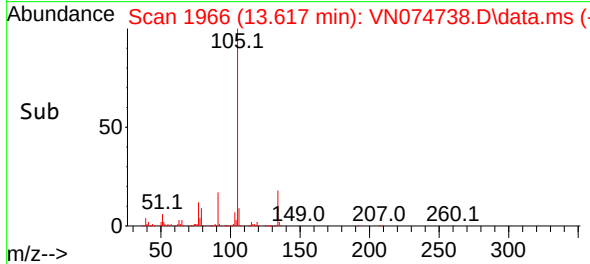
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion:105 Resp: 710939
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.4 28.2

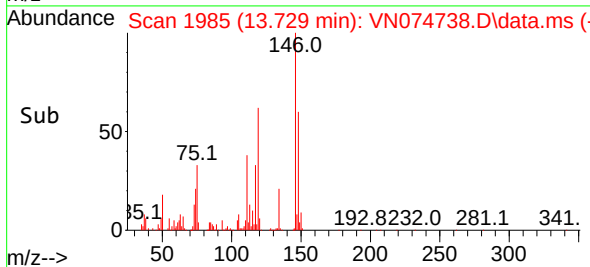
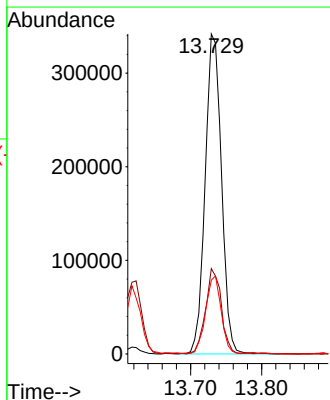
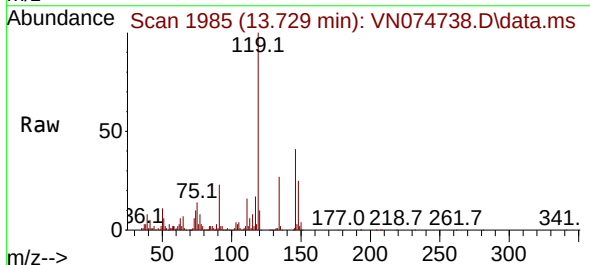
Manual Integrations
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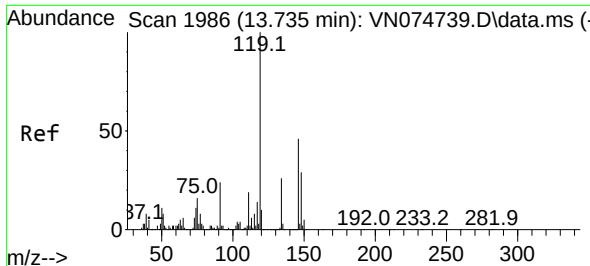
Reviewed By :John Carlone 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#86
 p-Isopropyltoluene
 Concen: 20.535 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN074738.D
 Acq: 05 Oct 2022 12:59

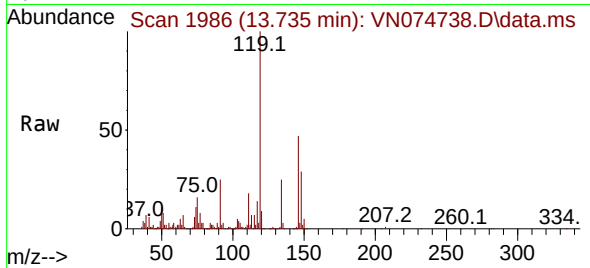
Tgt Ion:119 Resp: 547876
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 22.9 12.0 36.0





#87
 1,3-Dichlorobenzene
 Concen: 19.579 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN074738.D
 Acq: 05 Oct 2022 12:59

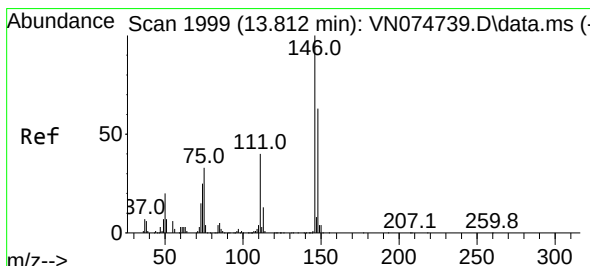
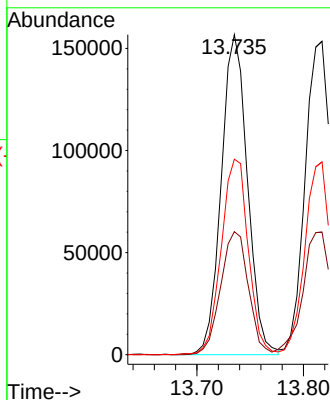
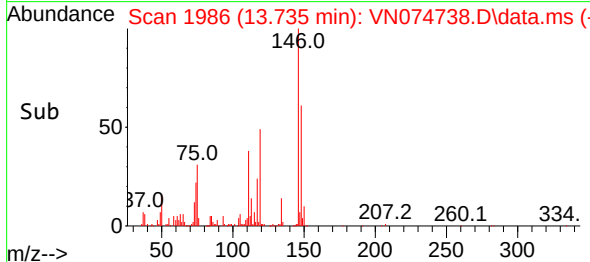
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



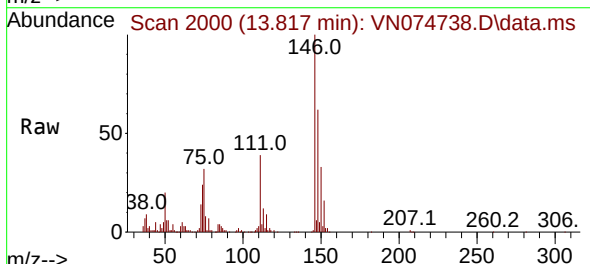
Tgt Ion:146 Resp: 26805
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.8 62.2
 148 63.2 31.5 94.5

Manual Integrations
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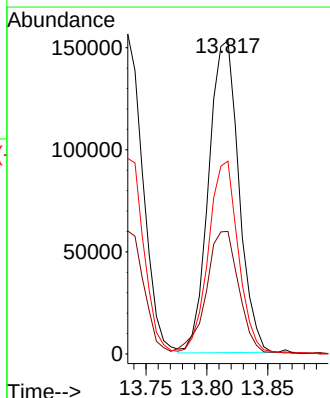
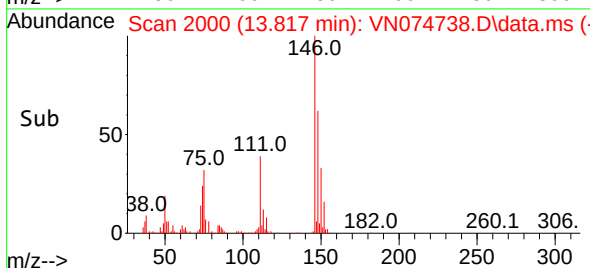
Reviewed By :John Carlone 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022

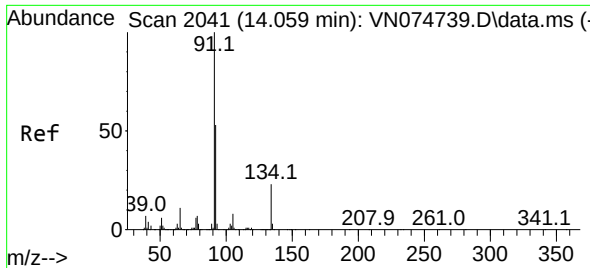


#88
 1,4-Dichlorobenzene
 Concen: 20.378 ug/l
 RT: 13.817 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VN074738.D
 Acq: 05 Oct 2022 12:59



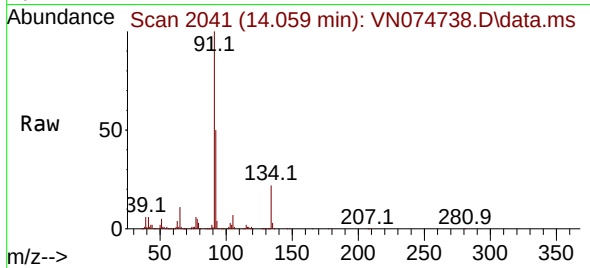
Tgt Ion:146 Resp: 263522
 Ion Ratio Lower Upper
 146 100
 111 42.5 19.9 59.6
 148 61.9 31.8 95.4





#89
n-Butylbenzene
Concen: 20.179 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

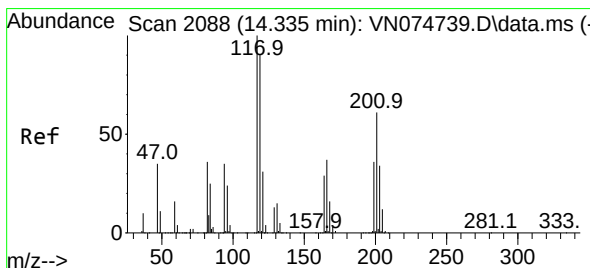
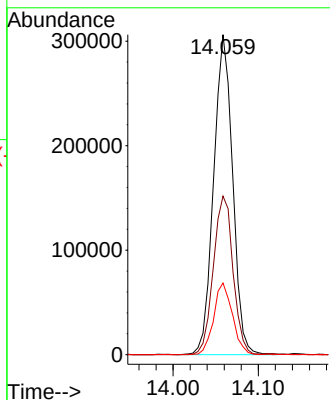
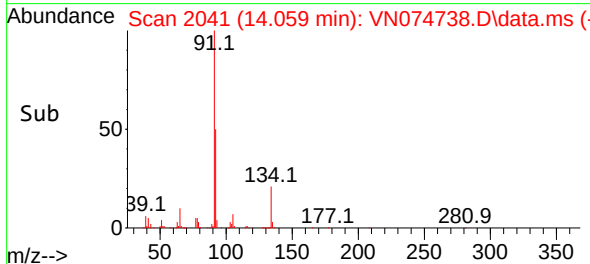
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 474540
Ion Ratio Lower Upper
91 100
92 51.3 26.7 80.0
134 22.1 11.9 35.5

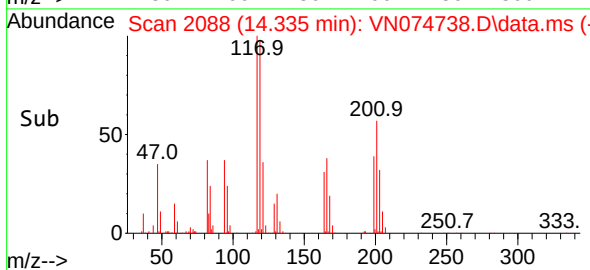
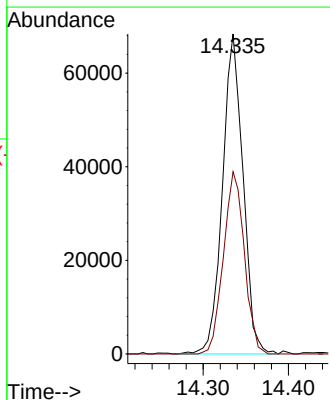
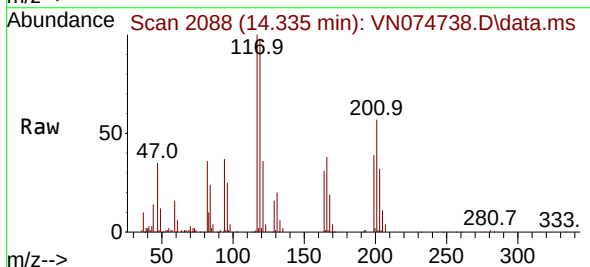
Manual Integrations
APPROVED

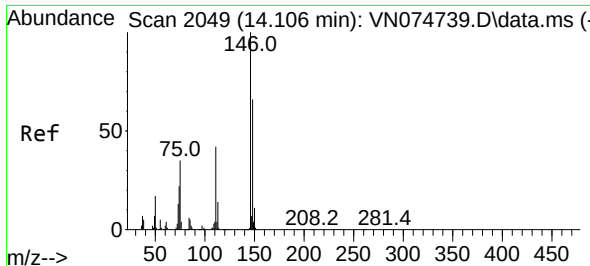
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#90
Hexachloroethane
Concen: 19.167 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

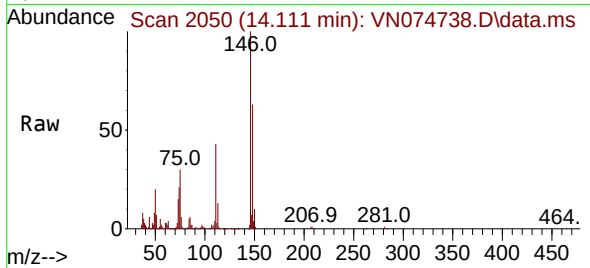
Tgt Ion:117 Resp: 114337
Ion Ratio Lower Upper
117 100
201 57.9 30.3 90.8





#91
1,2-Dichlorobenzene
Concen: 19.958 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

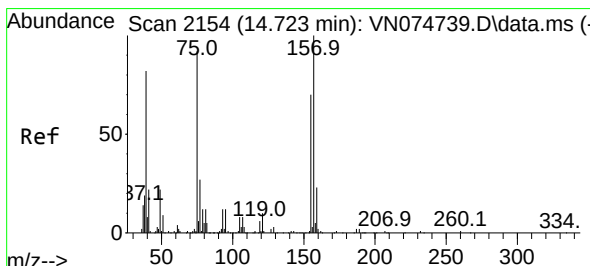
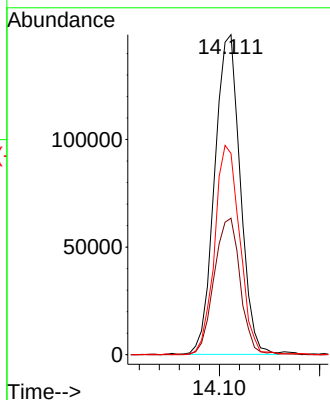
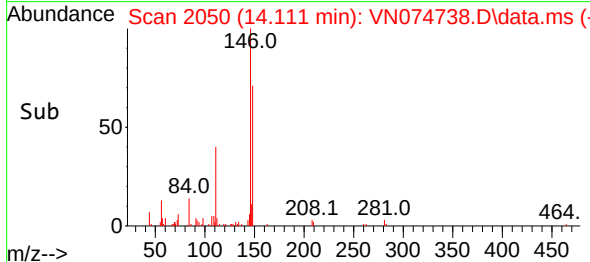
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



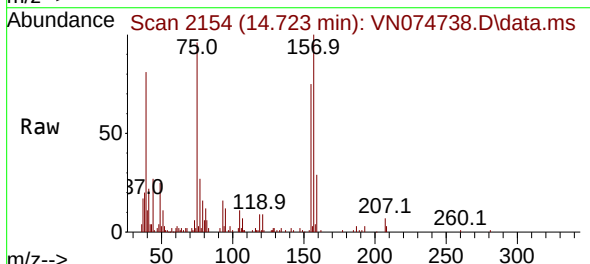
Tgt Ion:146 Resp: 263135
Ion Ratio Lower Upper
146 100
111 43.7 21.5 64.5
148 64.5 31.9 95.9

Manual Integrations
APPROVED

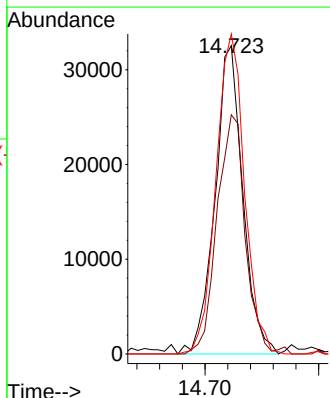
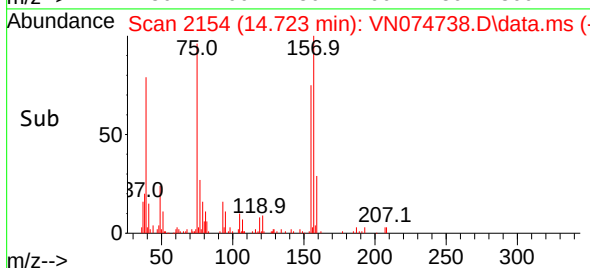
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

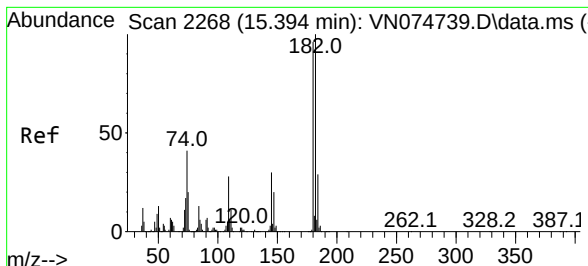


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.206 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59



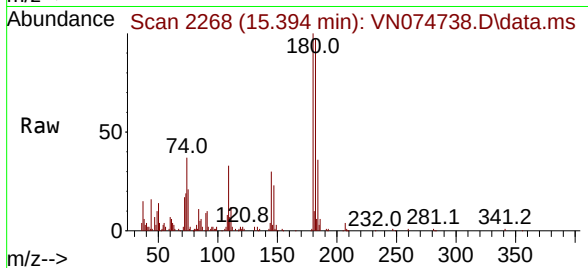
Tgt Ion: 75 Resp: 55306
Ion Ratio Lower Upper
75 100
155 78.9 40.3 120.8
157 106.7 51.3 153.9





#93
1,2,4-Trichlorobenzene
Concen: 20.023 ug/l
RT: 15.394 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

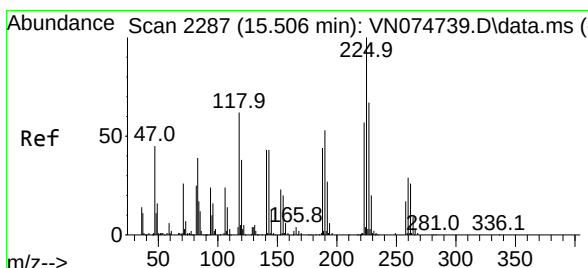
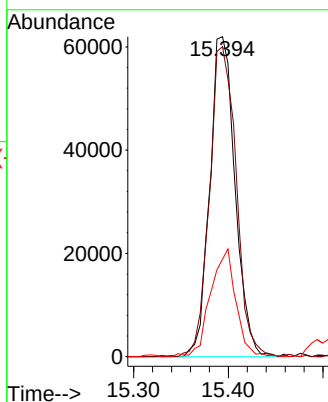
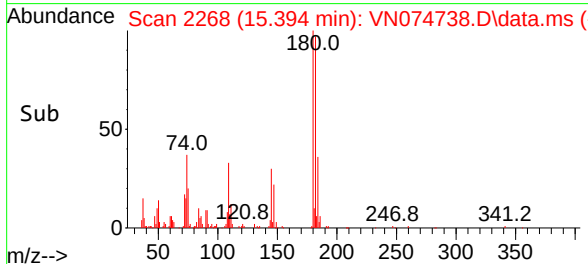
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:180 Resp: 115480
Ion Ratio Lower Upper
180 100
182 101.8 48.5 145.5
145 33.7 16.1 48.3

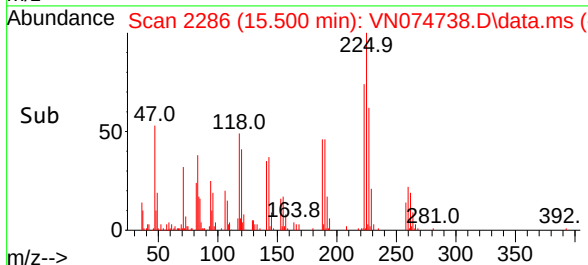
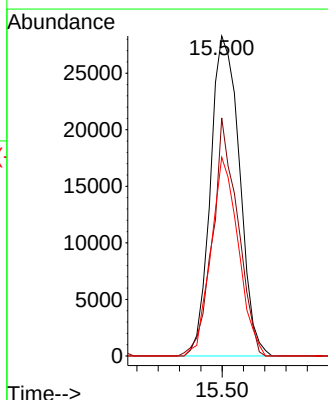
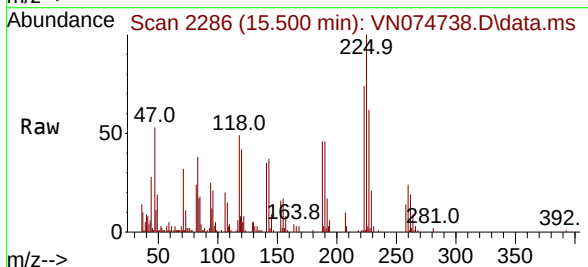
Manual Integrations
APPROVED

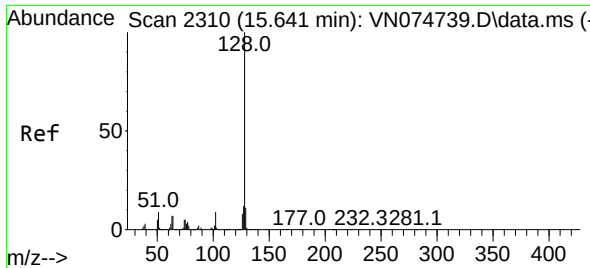
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#94
Hexachlorobutadiene
Concen: 19.778 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

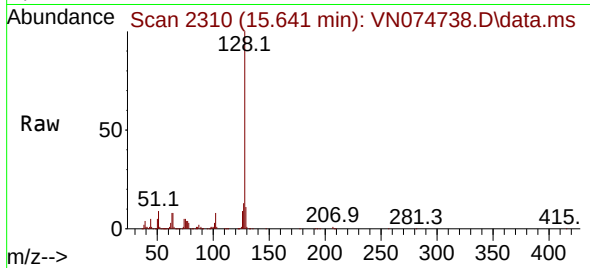
Tgt Ion:225 Resp: 53359
Ion Ratio Lower Upper
225 100
223 64.9 31.7 95.1
227 58.7 31.2 93.6





#95
Naphthalene
Concen: 21.059 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

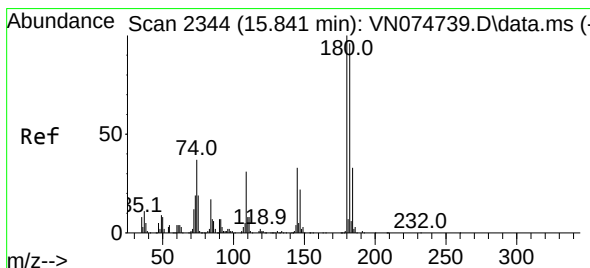
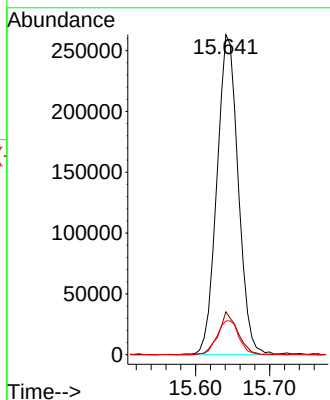
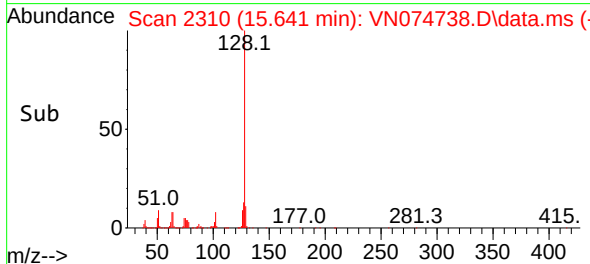
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 525074
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.2
129 10.9 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.045 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074738.D
Acq: 05 Oct 2022 12:59

Tgt Ion:180 Resp: 118042
Ion Ratio Lower Upper
180 100
182 93.9 47.3 142.0
145 33.0 17.1 51.2

