

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079216.D
 Acq On : 11 Sep 2023 13:55
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 12 02:33:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 11 16:44:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	147645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	244523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	221782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	104557	52.460	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.920%			
35) Dibromofluoromethane	8.171	113	87001	53.489	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.980%			
50) Toluene-d8	10.570	98	323695	54.199	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.400%			
62) 4-Bromofluorobenzene	12.853	95	107125	56.232	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	67366	46.113	ug/l	98
3) Chloromethane	2.365	50	85876	44.780	ug/l	97
4) Vinyl Chloride	2.512	62	97162	46.498	ug/l	99
5) Bromomethane	2.936	94	53609	44.633	ug/l	98
6) Chloroethane	3.112	64	65222	48.780	ug/l	99
7) Trichlorofluoromethane	3.489	101	140448	45.901	ug/l	98
8) Diethyl Ether	3.965	74	51874	48.844	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.377	101	74271	45.642	ug/l	96
10) Methyl Iodide	4.589	142	71945	54.049	ug/l	97
11) Tert butyl alcohol	5.536	59	81016	220.174	ug/l	99
12) 1,1-Dichloroethene	4.341	96	75118	47.703	ug/l	90
13) Acrolein	4.183	56	82131	233.993	ug/l	99
14) Allyl chloride	5.030	41	118352	47.115	ug/l	93
15) Acrylonitrile	5.724	53	227041	237.960	ug/l	99
16) Acetone	4.430	43	198826	234.889	ug/l	94
17) Carbon Disulfide	4.712	76	215002	43.686	ug/l	100
18) Methyl Acetate	5.030	43	160024	45.999	ug/l #	88
19) Methyl tert-butyl Ether	5.800	73	268820	49.776	ug/l	96
20) Methylene Chloride	5.277	84	90913	44.135	ug/l	93
21) trans-1,2-Dichloroethene	5.788	96	86635	47.427	ug/l	84
22) Diisopropyl ether	6.677	45	276714	50.205	ug/l #	89
23) Vinyl Acetate	6.612	43	862512	236.891	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	162584	47.851	ug/l	98
25) 2-Butanone	7.488	43	304025	247.545	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	138331	48.123	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	102261	48.958	ug/l	90
28) Bromochloromethane	7.818	49	80939	52.688	ug/l	83
29) Tetrahydrofuran	7.841	42	197524	252.726	ug/l #	80
30) Chloroform	7.971	83	169762	47.989	ug/l	94
31) Cyclohexane	8.265	56	132190	45.424	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	148814	49.350	ug/l	97
36) 1,1-Dichloropropene	8.377	75	127487	50.851	ug/l	96
37) Ethyl Acetate	7.565	43	126514	51.293	ug/l #	94
38) Carbon Tetrachloride	8.365	117	128200	49.414	ug/l	98
39) Methylcyclohexane	9.606	83	129122	52.213	ug/l	91
40) Benzene	8.612	78	383687	49.993	ug/l	99

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Quant Time: Sep 12 02:33:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	66368	51.360	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	129478	49.005	ug/l	99
43) Isopropyl Acetate	8.694	43	201982	49.503	ug/l #	93
44) Trichloroethene	9.359	130	92290	48.815	ug/l	95
45) 1,2-Dichloropropane	9.629	63	97610	51.247	ug/l	97
46) Dibromomethane	9.718	93	66069	51.097	ug/l	90
47) Bromodichloromethane	9.888	83	137100	51.768	ug/l	100
48) Methyl methacrylate	9.682	41	94600	51.761	ug/l #	81
49) 1,4-Dioxane	9.700	88	38866	1033.924	ug/l #	88
51) 4-Methyl-2-Pentanone	10.453	43	619795	261.677	ug/l	94
52) Toluene	10.635	92	239507	50.780	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	146718	52.539	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	156199	52.296	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	92377	49.914	ug/l	96
56) Ethyl methacrylate	10.882	69	145888	55.842	ug/l #	89
57) 1,3-Dichloropropane	11.170	76	161446	50.463	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	264630	241.806	ug/l	92
59) 2-Hexanone	11.200	43	459275	267.719	ug/l	92
60) Dibromochloromethane	11.365	129	102162	51.868	ug/l	99
61) 1,2-Dibromoethane	11.476	107	96274	52.126	ug/l	98
64) Tetrachloroethene	11.106	164	76236	47.142	ug/l	93
65) Chlorobenzene	11.894	112	242225	48.211	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	91913	48.786	ug/l	96
67) Ethyl Benzene	11.970	91	448344	52.171	ug/l	98
68) m/p-Xylenes	12.076	106	338281	105.607	ug/l	95
69) o-Xylene	12.406	106	164111	53.420	ug/l	95
70) Styrene	12.417	104	275915	55.843	ug/l	99
71) Bromoform	12.582	173	73163	52.603	ug/l #	99
73) Isopropylbenzene	12.700	105	415255	46.453	ug/l	100
74) N-amyl acetate	12.500	43	166657	49.140	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	138087	41.483	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	111407m	43.708	ug/l	
77) Bromobenzene	12.982	156	101695	44.928	ug/l	98
78) n-propylbenzene	13.041	91	483315	48.130	ug/l	98
79) 2-Chlorotoluene	13.129	91	294539	44.846	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	348604	46.802	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	44558	46.261	ug/l #	85
82) 4-Chlorotoluene	13.223	91	290132	47.012	ug/l	100
83) tert-Butylbenzene	13.441	119	293139	47.573	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	343509	48.425	ug/l	100
85) sec-Butylbenzene	13.623	105	403200	47.530	ug/l	100
86) p-Isopropyltoluene	13.735	119	329754	48.655	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	173027	46.606	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	172079	45.870	ug/l	98
89) n-Butylbenzene	14.059	91	266761	50.054	ug/l	100
90) Hexachloroethane	14.341	117	61874	44.957	ug/l	80
91) 1,2-Dichlorobenzene	14.111	146	168600	46.003	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25205	48.054	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	73851	56.073	ug/l	98
94) Hexachlorobutadiene	15.505	225	42988	41.492	ug/l	99
95) Naphthalene	15.647	128	211217	53.996	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	76579	49.292	ug/l	98

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ClientSampleId :
VSTDICCC050

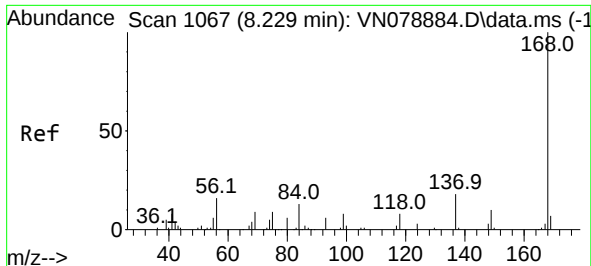
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/12/2023

Quant Time: Sep 12 02:33:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 11 16:44:36 2023
Response via : Initial Calibration

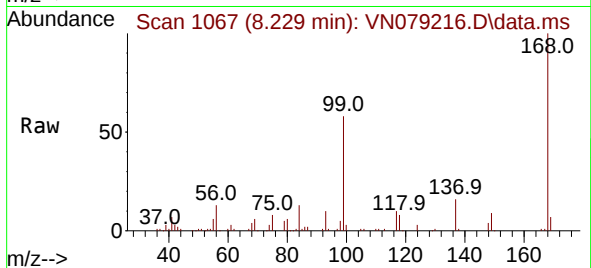
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
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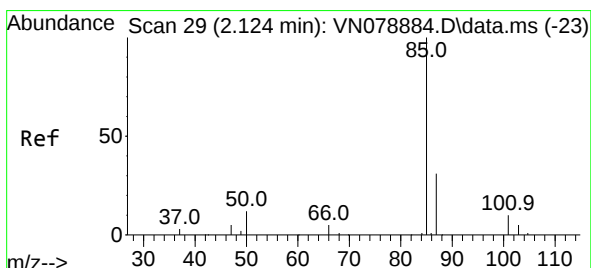
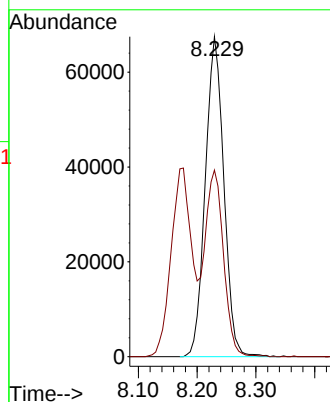
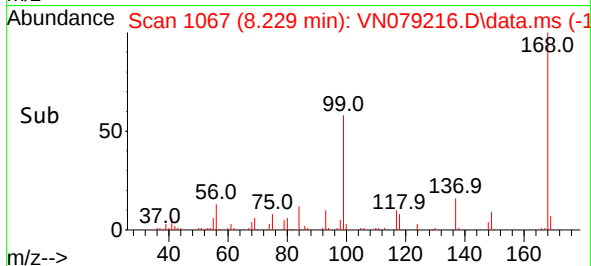
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 147649
Ion Ratio Lower Upper
168 100
99 58.3 53.0 79.6

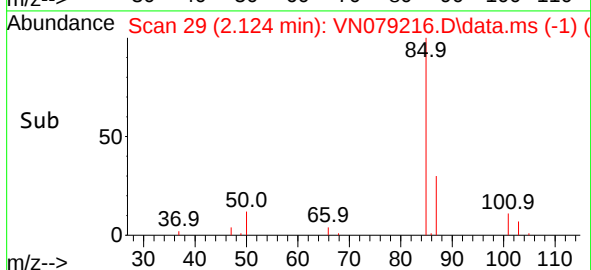
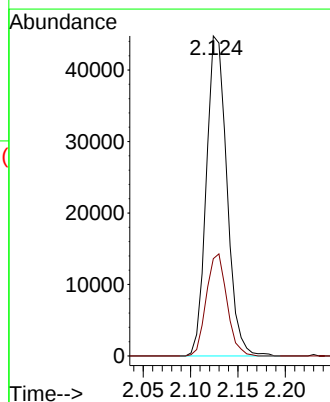
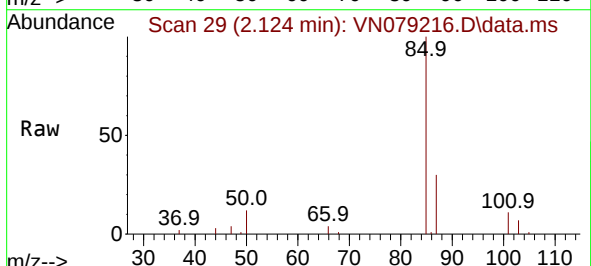
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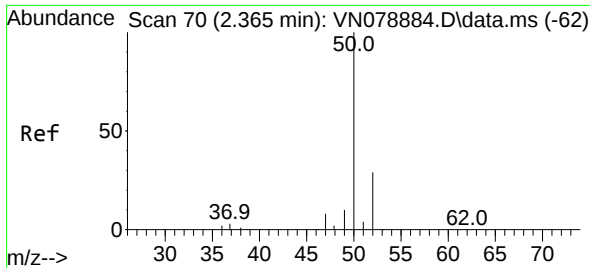
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#2
Dichlorodifluoromethane
Concen: 46.113 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Tgt Ion: 85 Resp: 67366
Ion Ratio Lower Upper
85 100
87 30.4 15.8 47.4





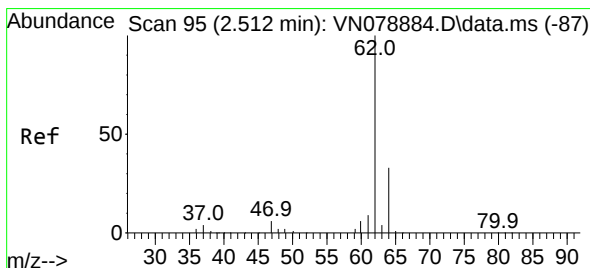
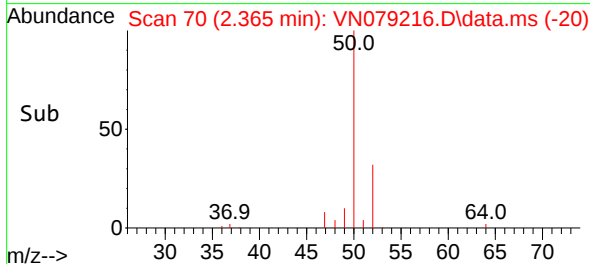
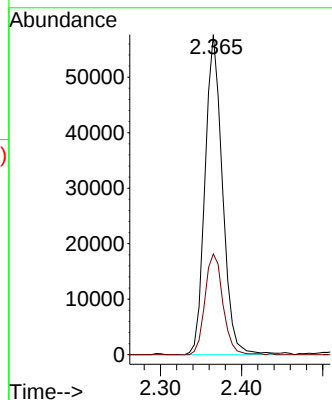
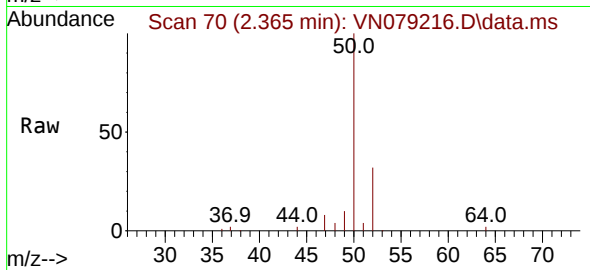
#3
Chloromethane
Concen: 44.780 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Instrument :
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Tgt Ion: 50 Resp: 85870
Ion Ratio Lower Upper
50 100
52 31.5 26.5 39.7

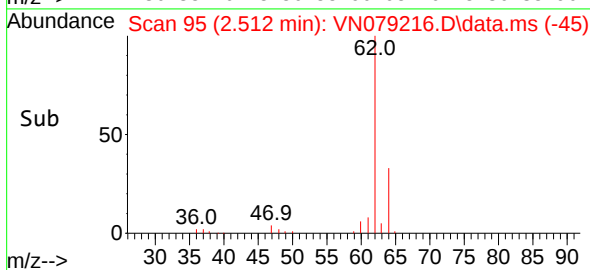
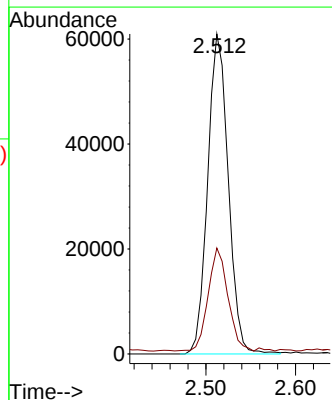
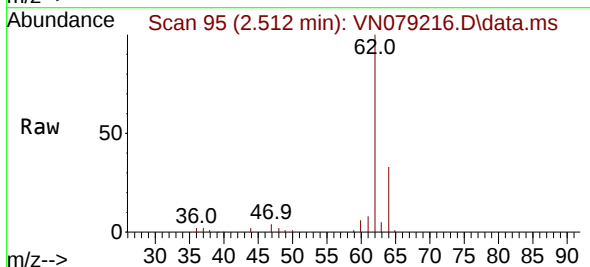
Manual Integrations
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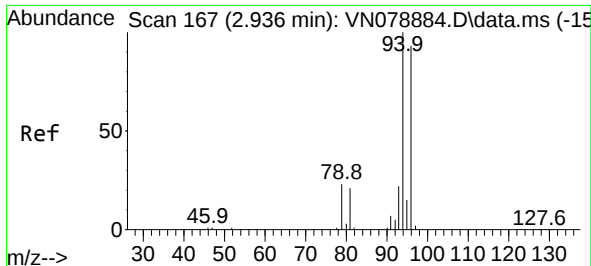
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#4
Vinyl Chloride
Concen: 46.498 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Tgt Ion: 62 Resp: 97162
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.2





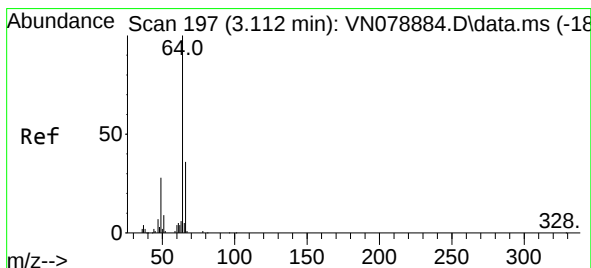
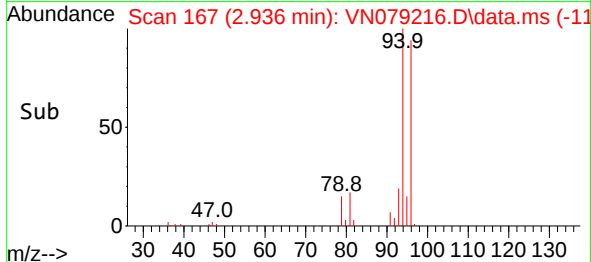
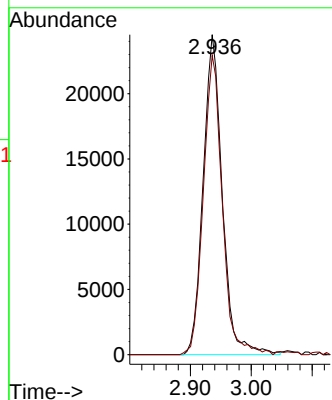
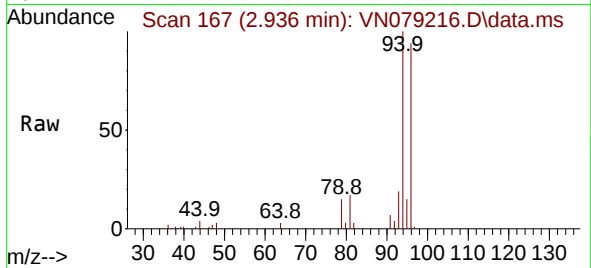
#5
Bromomethane
Concen: 44.633 ug/l
RT: 2.936 min Scan# 167
Delta R.T. -0.012 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 53609
Ion Ratio Lower Upper
94 100
96 93.5 73.1 109.7

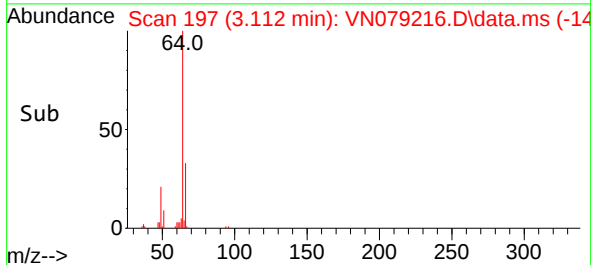
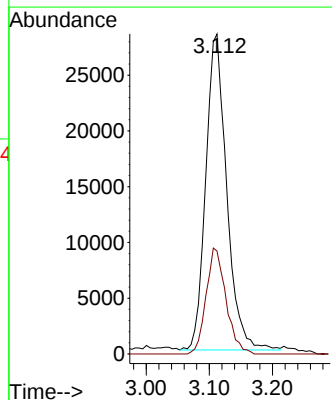
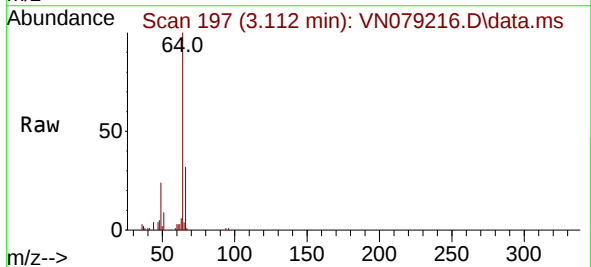
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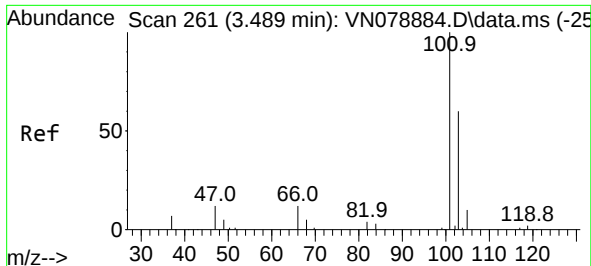
Reviewed By :John Carlone 09/12/2023
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#6
Chloroethane
Concen: 48.780 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079216.D
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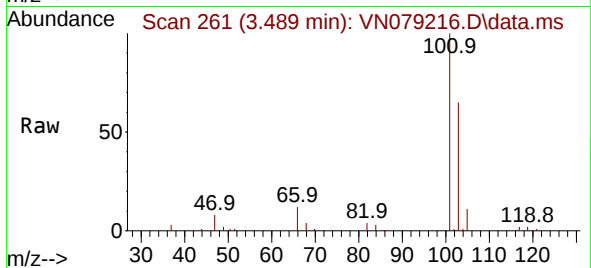
Tgt Ion: 64 Resp: 65222
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.2





#7
Trichlorofluoromethane
Concen: 45.901 ug/l
RT: 3.489 min Scan# 201
Delta R.T. -0.012 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

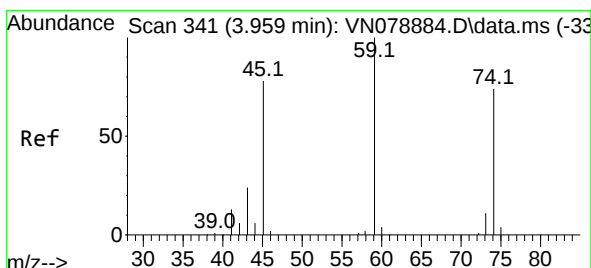
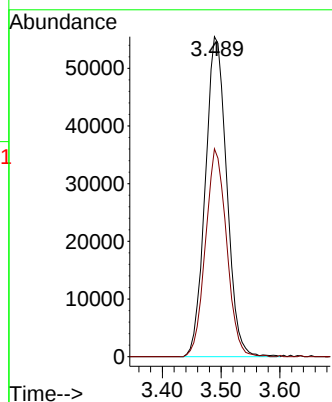
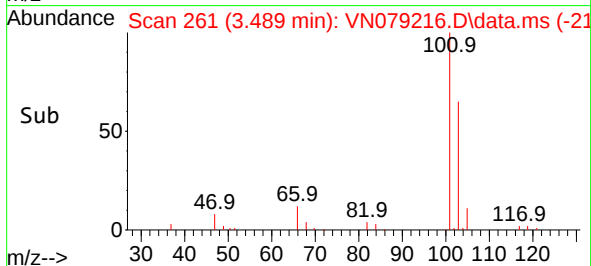
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 140448
Ion Ratio Lower Upper
101 100
103 65.0 50.7 76.1

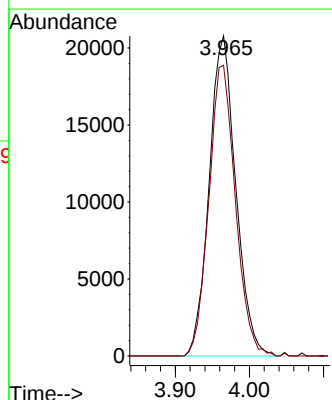
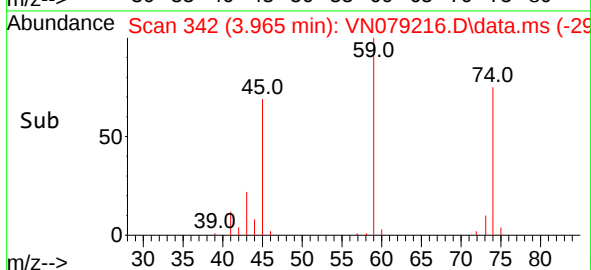
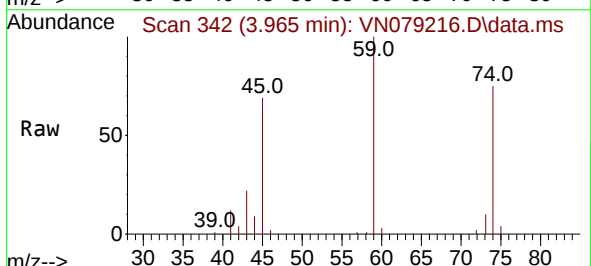
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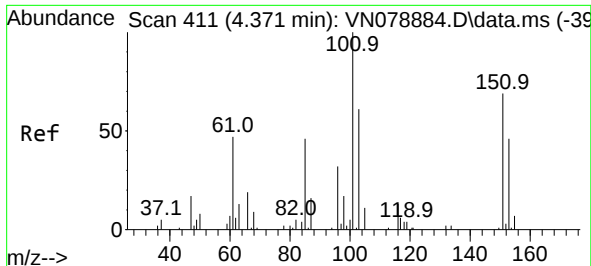
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#8
Diethyl Ether
Concen: 48.844 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Tgt Ion: 74 Resp: 51874
Ion Ratio Lower Upper
74 100
45 90.5 34.4 103.3





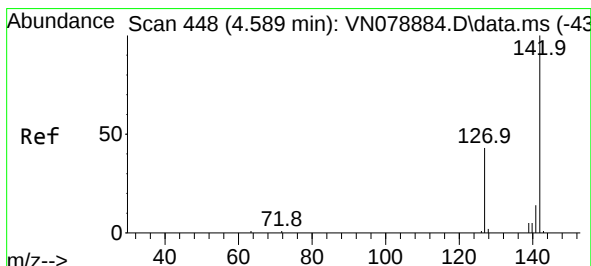
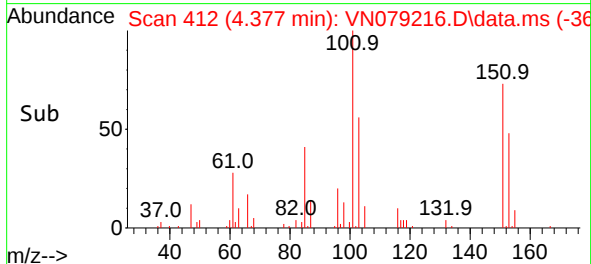
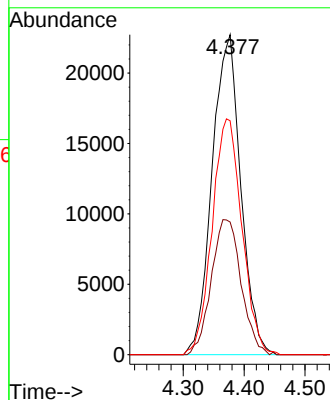
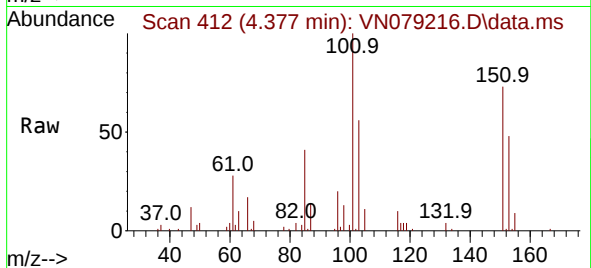
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.642 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 7427
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 76.6 57.6 86.4

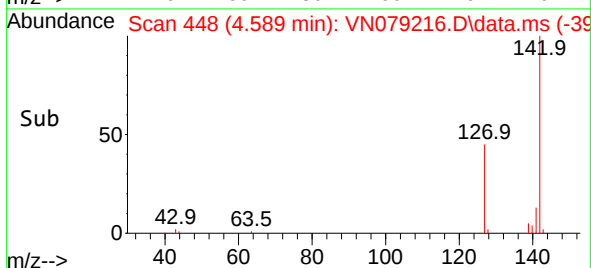
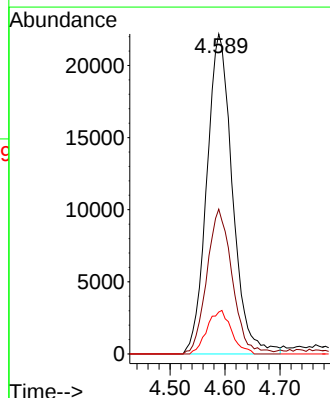
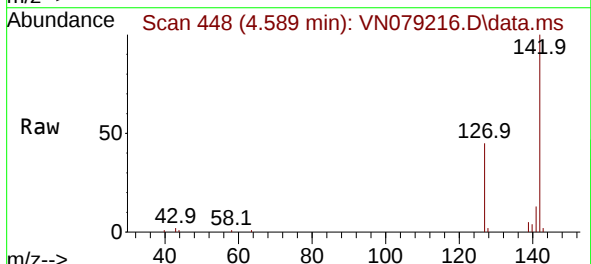
Manual Integrations
APPROVED

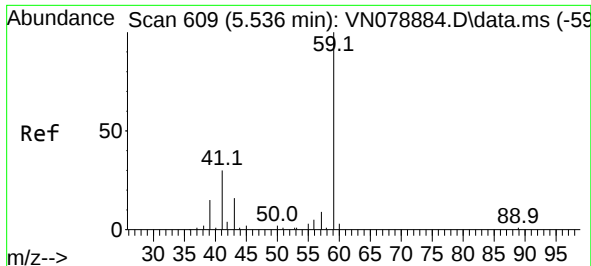
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#10
Methyl Iodide
Concen: 54.049 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

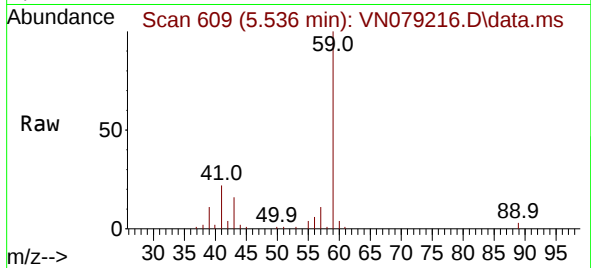
Tgt Ion:142 Resp: 71945
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 13.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 220.174 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

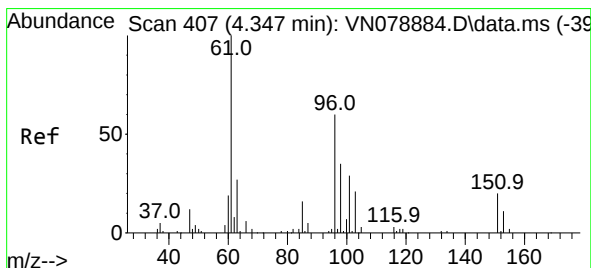
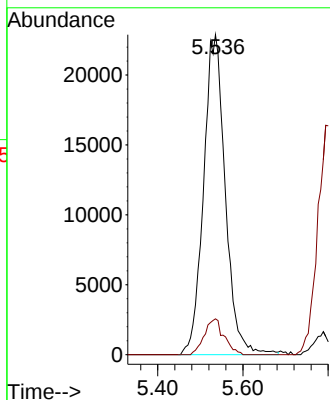
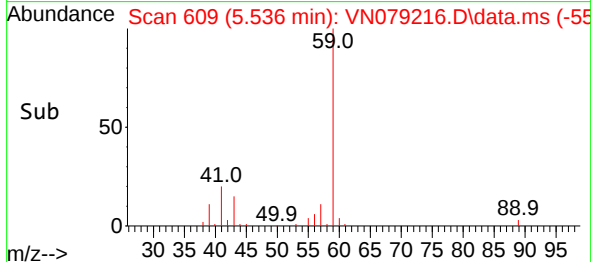
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



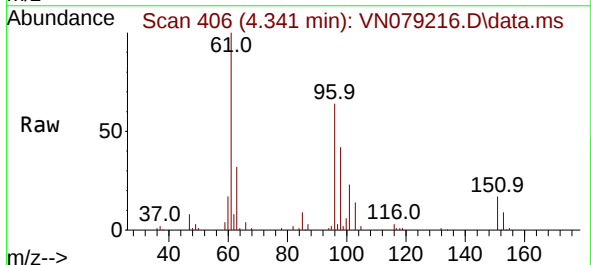
Tgt Ion: 59 Resp: 81010
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

Manual Integrations
APPROVED

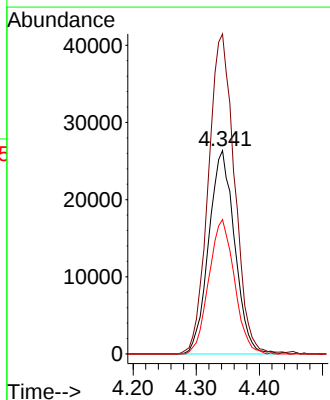
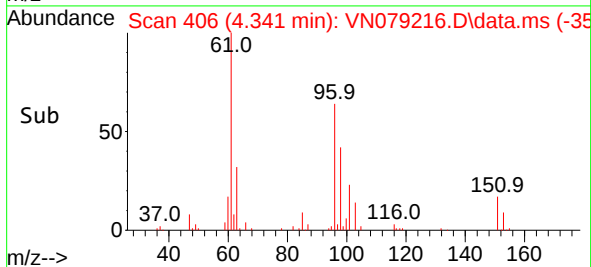
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

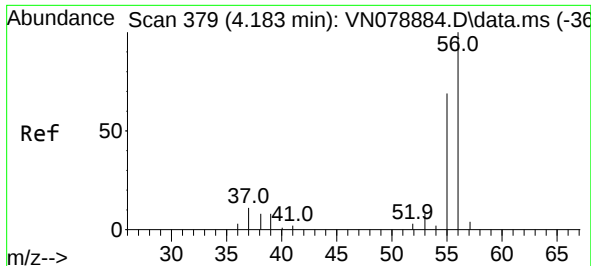


#12
1,1-Dichloroethene
Concen: 47.703 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.007 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55



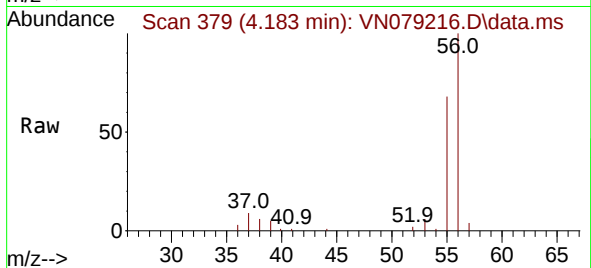
Tgt Ion: 96 Resp: 75118
Ion Ratio Lower Upper
96 100
61 157.4 112.7 169.1
98 66.1 51.2 76.8





#13
Acrolein
Concen: 233.993 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

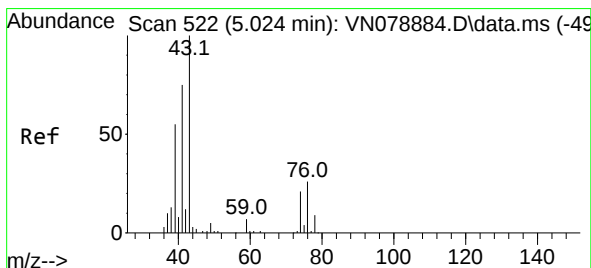
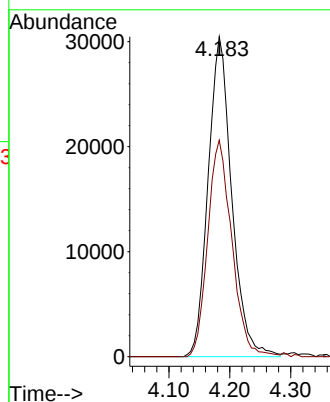
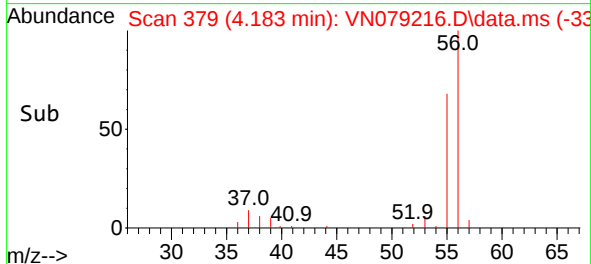
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 8213
Ion Ratio Lower Upper
56 100
55 69.0 54.5 81.7

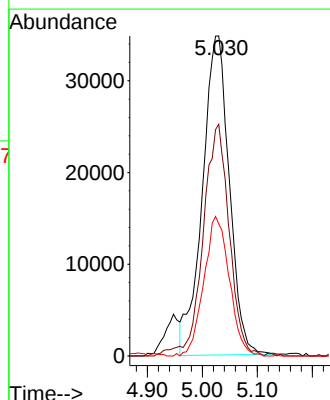
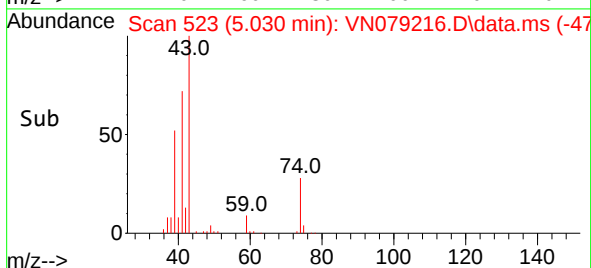
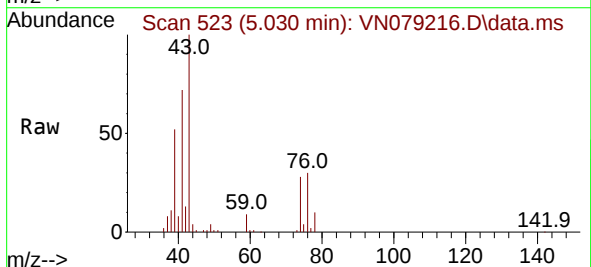
Manual Integrations
APPROVED

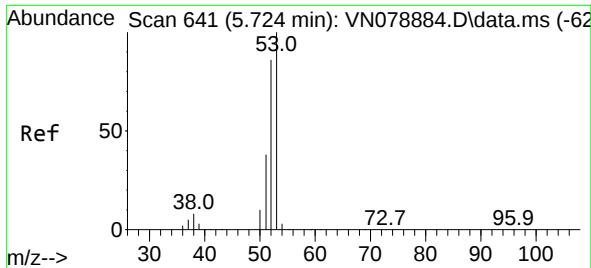
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#14
Allyl chloride
Concen: 47.115 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

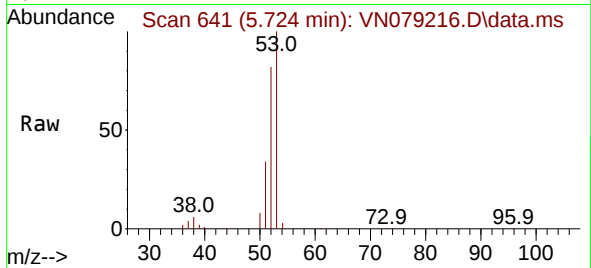
Tgt Ion: 41 Resp: 118352
Ion Ratio Lower Upper
41 100
39 70.4 58.8 88.2
76 41.4 39.1 58.7





#15
Acrylonitrile
Concen: 237.960 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

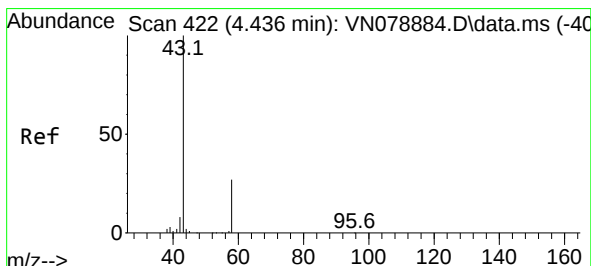
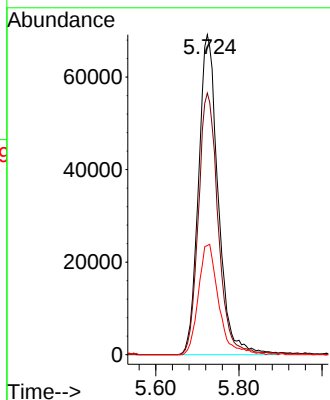
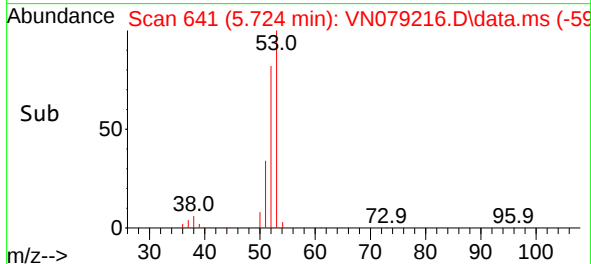
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



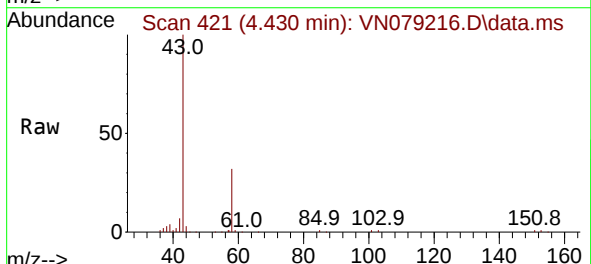
Tgt Ion: 53 Resp: 22704
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 35.5 28.9 43.3

Manual Integrations
APPROVED

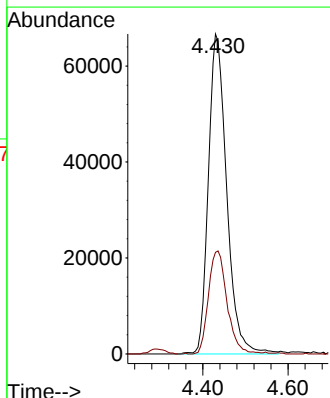
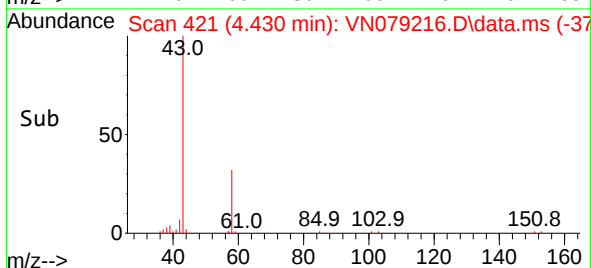
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

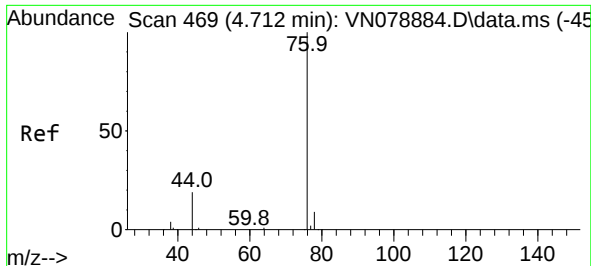


#16
Acetone
Concen: 234.889 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55



Tgt Ion: 43 Resp: 198826
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0





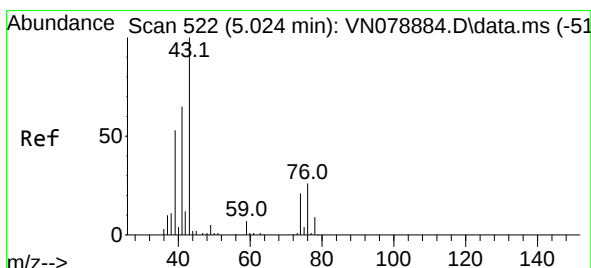
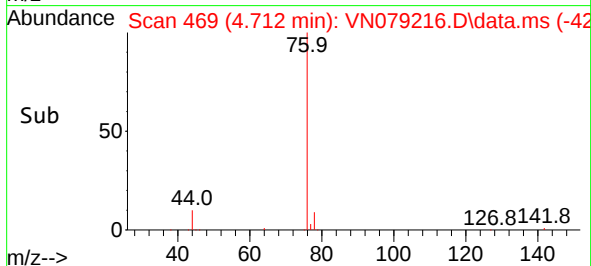
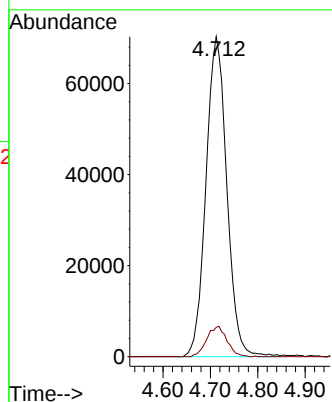
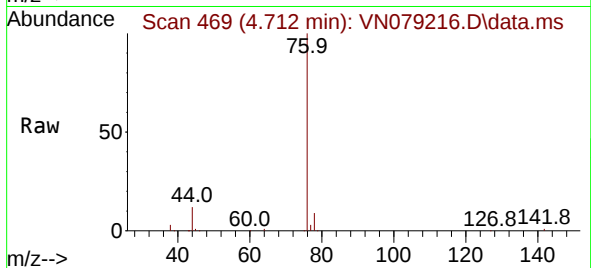
#17
Carbon Disulfide
Concen: 43.686 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 21500
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

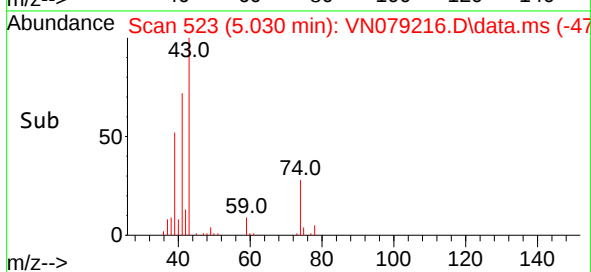
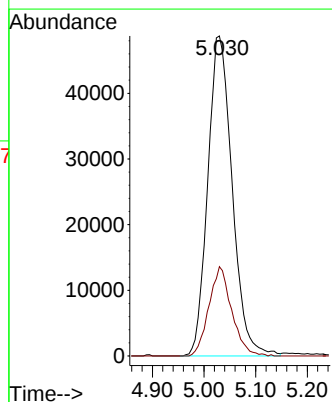
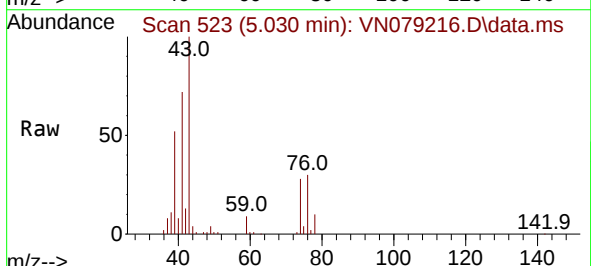
Manual Integrations
APPROVED

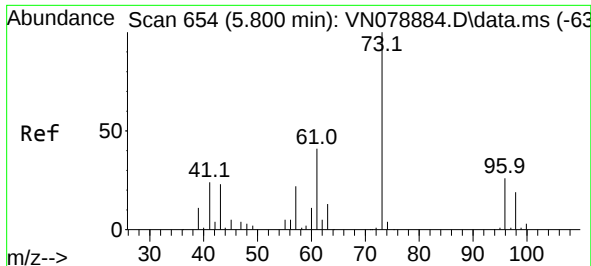
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#18
Methyl Acetate
Concen: 45.999 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Tgt Ion: 43 Resp: 160024
Ion Ratio Lower Upper
43 100
74 26.0 26.2 39.4#





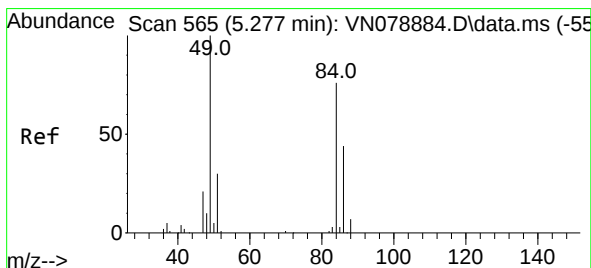
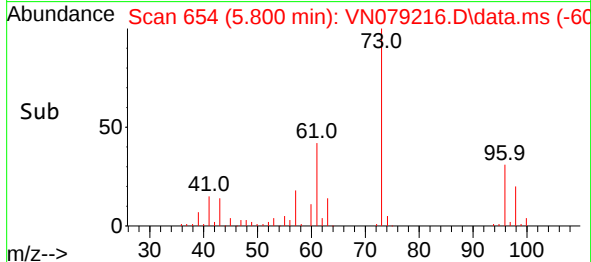
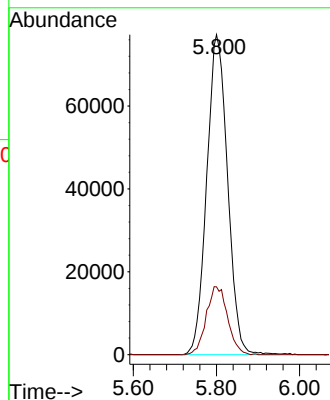
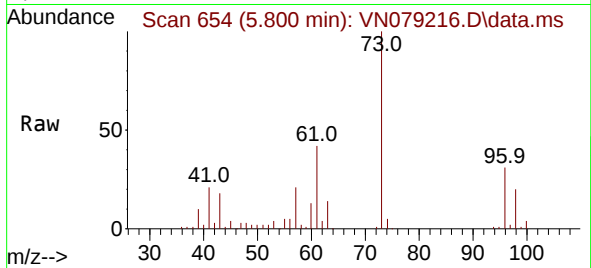
#19
Methyl tert-butyl Ether
Concen: 49.776 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 268820
Ion Ratio Lower Upper
73 100
57 21.2 15.6 23.4

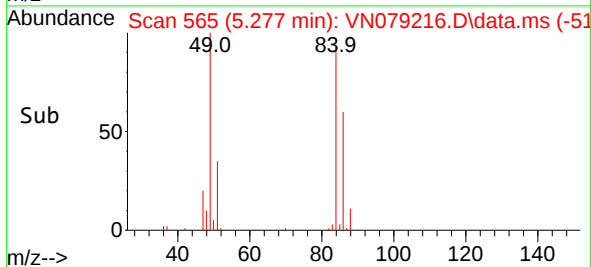
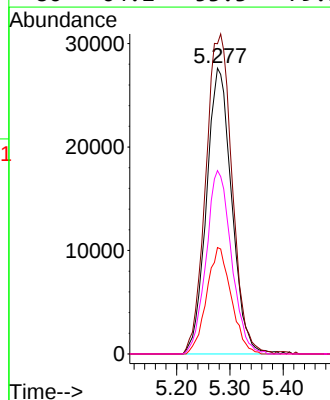
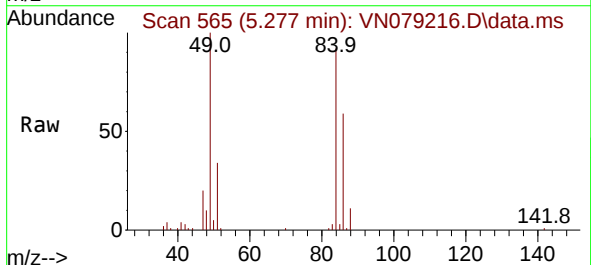
Manual Integrations
APPROVED

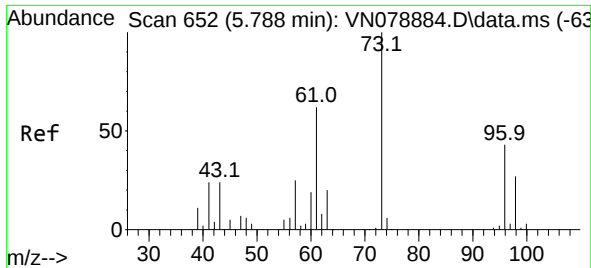
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#20
Methylene Chloride
Concen: 44.135 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

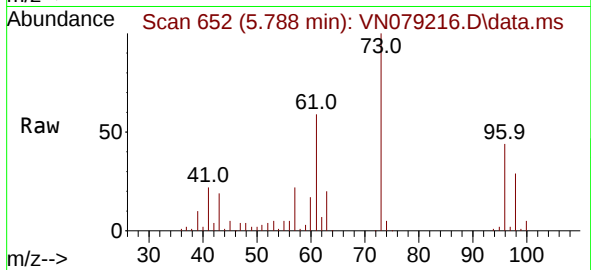
Tgt Ion: 84 Resp: 90913
Ion Ratio Lower Upper
84 100
49 108.6 79.7 119.5
51 37.3 25.2 37.8
86 64.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 47.427 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

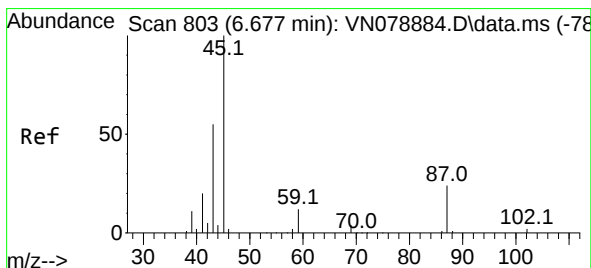
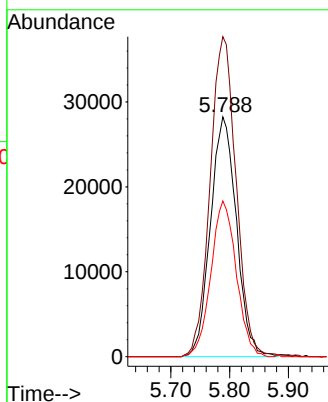
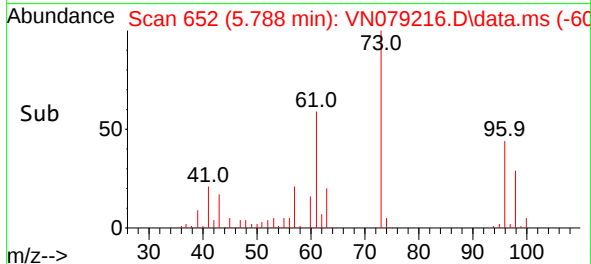
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 8663
Ion Ratio Lower Upper
96 100
61 133.5 90.1 135.1
98 65.0 46.4 69.6

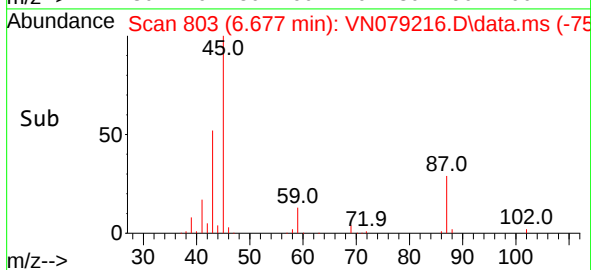
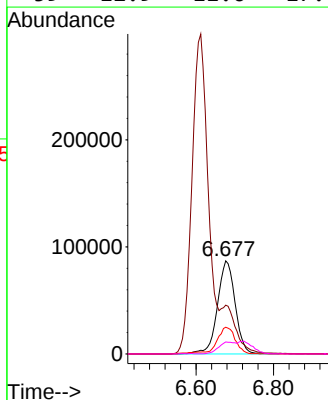
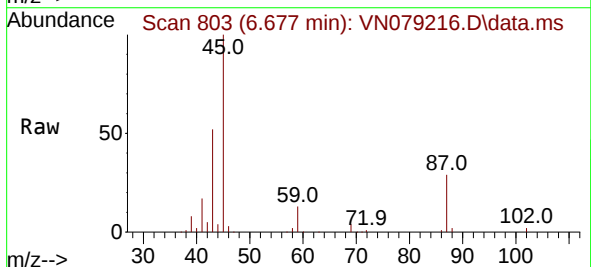
Manual Integrations
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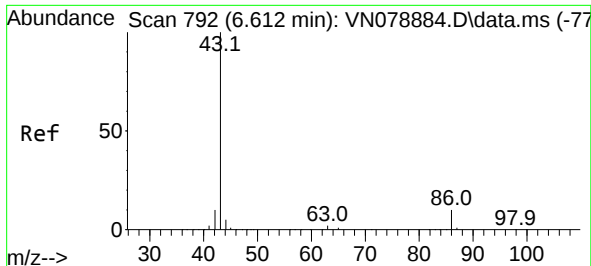
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#22
Diisopropyl ether
Concen: 50.205 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Tgt Ion: 45 Resp: 276714
Ion Ratio Lower Upper
45 100
43 51.7 45.5 68.3
87 28.7 31.8 47.8#
59 12.9 11.6 17.4





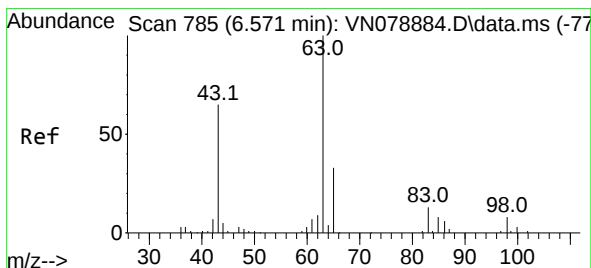
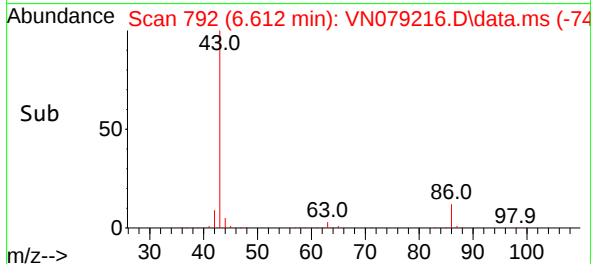
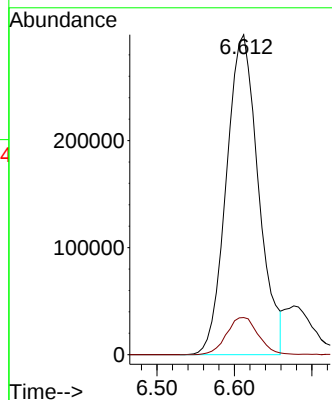
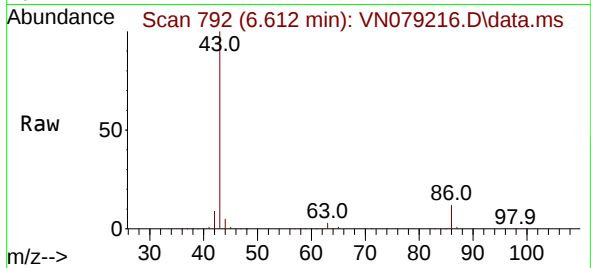
#23
 Vinyl Acetate
 Concen: 236.891 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN079216.D
 Acq: 11 Sep 2023 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 862512
 Ion Ratio Lower Upper
 43 100
 86 11.6 13.0 19.6

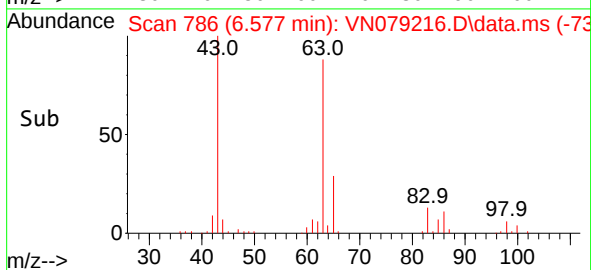
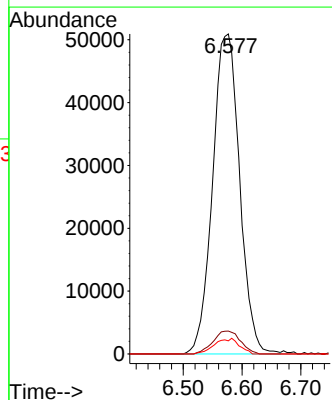
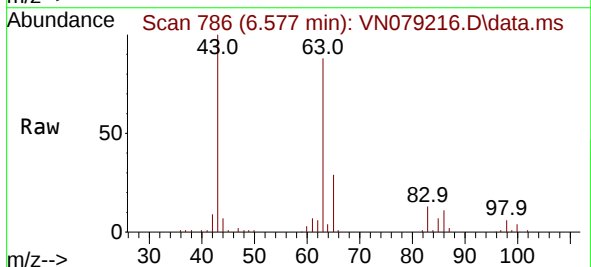
Manual Integrations
 APPROVED

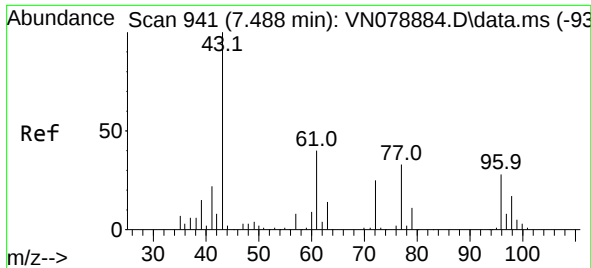
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#24
 1,1-Dichloroethane
 Concen: 47.851 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079216.D
 Acq: 11 Sep 2023 13:55

Tgt Ion: 63 Resp: 162584
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.1 2.5 7.4





#25

2-Butanone

Concen: 247.545 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN079216.D

Acq: 11 Sep 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 304025

Ion Ratio Lower Upper

43 100

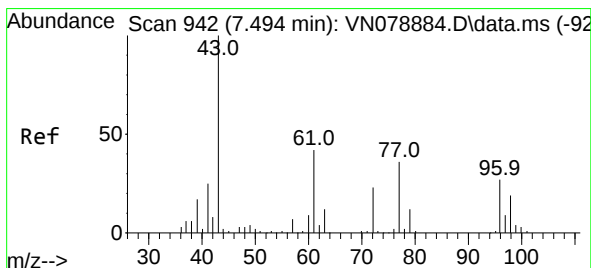
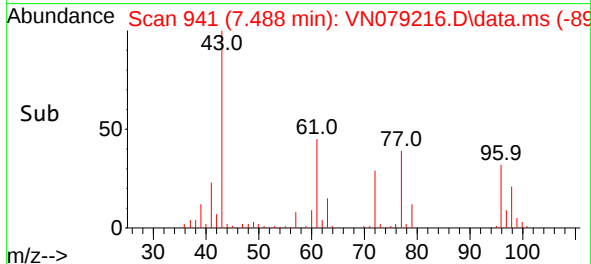
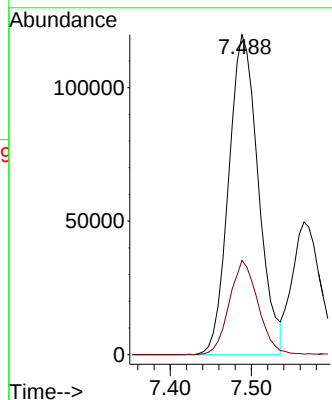
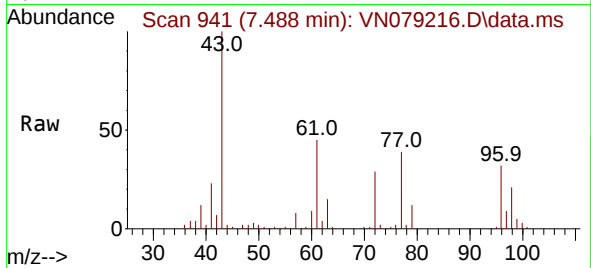
72 29.5 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#26

2,2-Dichloropropane

Concen: 48.123 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN079216.D

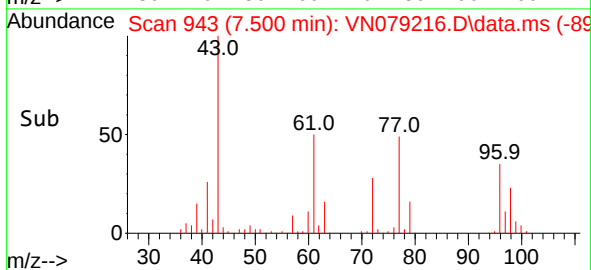
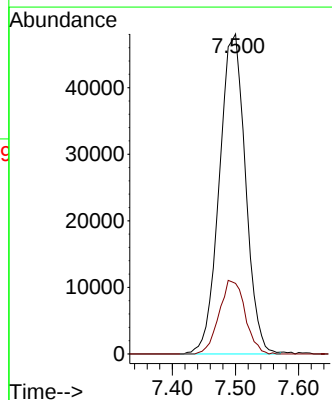
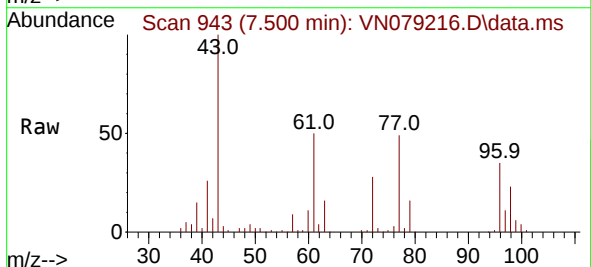
Acq: 11 Sep 2023 13:55

Tgt Ion: 77 Resp: 138331

Ion Ratio Lower Upper

77 100

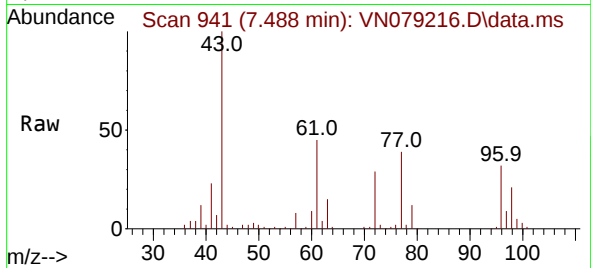
97 22.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.958 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: VN079216.D
 Acq: 11 Sep 2023 13:55

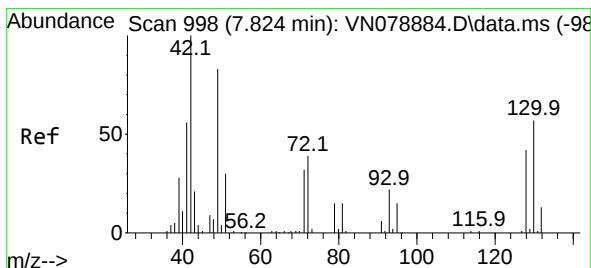
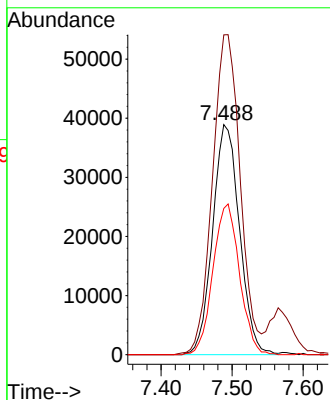
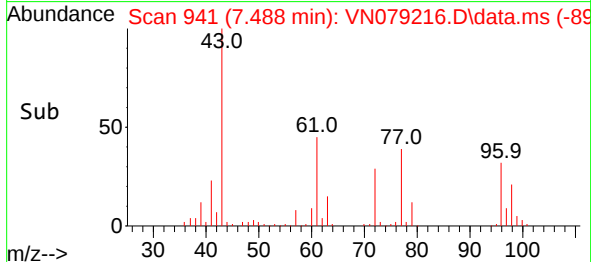
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 10226
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 255.2
 98 64.7 0.0 128.8

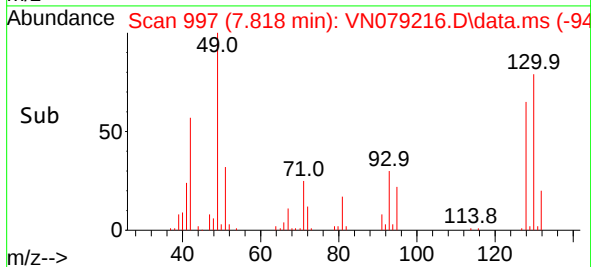
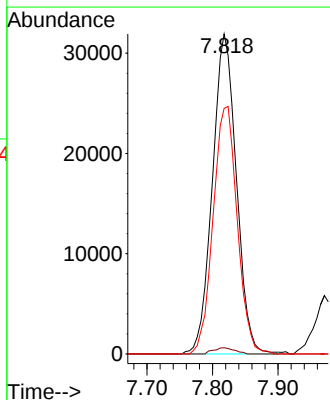
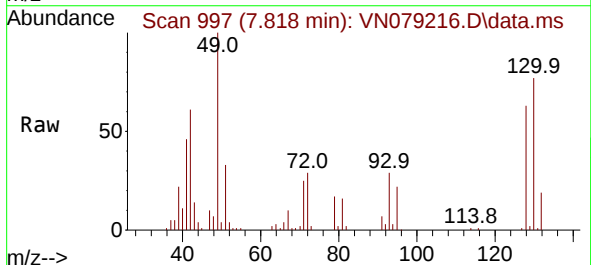
Manual Integrations
 APPROVED

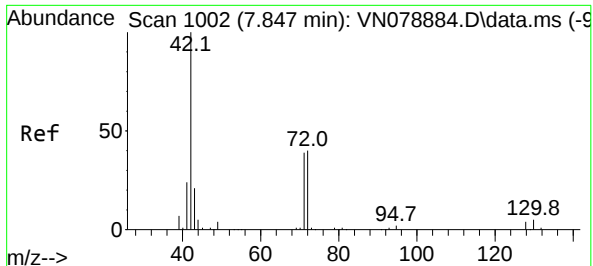
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#28
 Bromochloromethane
 Concen: 52.688 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079216.D
 Acq: 11 Sep 2023 13:55

Tgt Ion: 49 Resp: 80939
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 77.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 252.726 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN079216.D

Acq: 11 Sep 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 197524

Ion Ratio Lower Upper

42 100

72 47.1 49.8 74.6

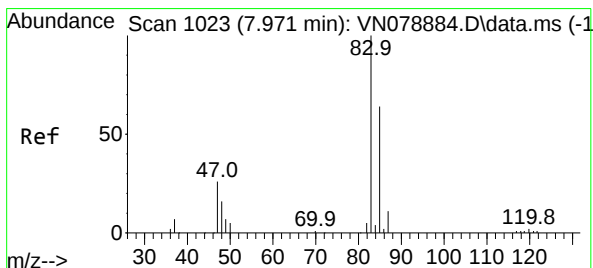
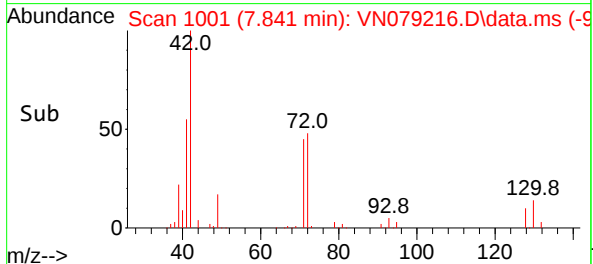
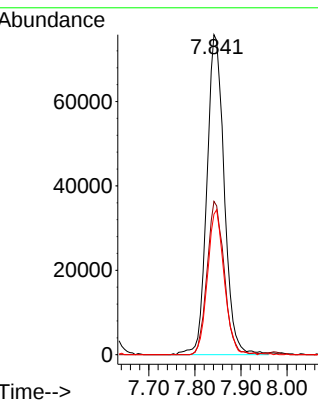
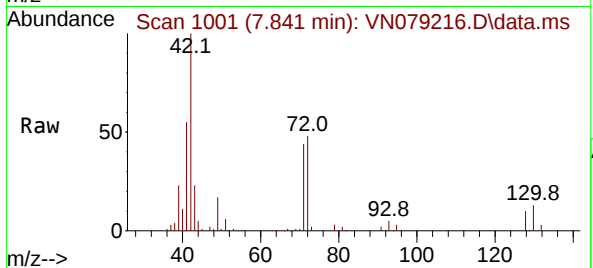
71 43.8 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#30

Chloroform

Concen: 47.989 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079216.D

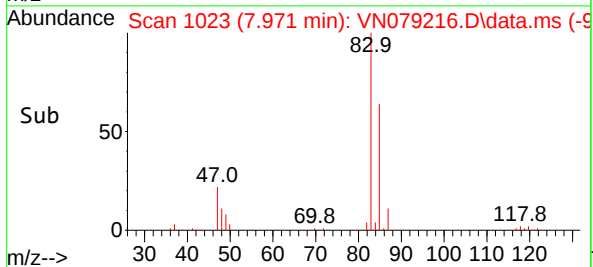
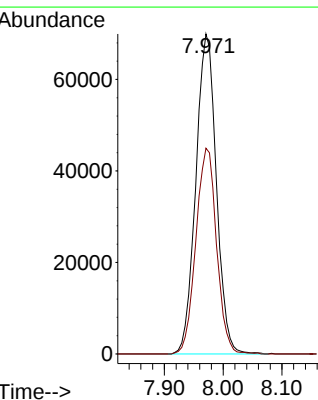
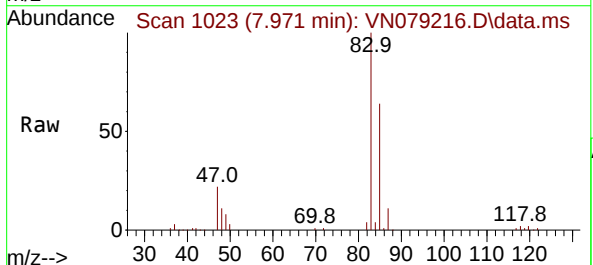
Acq: 11 Sep 2023 13:55

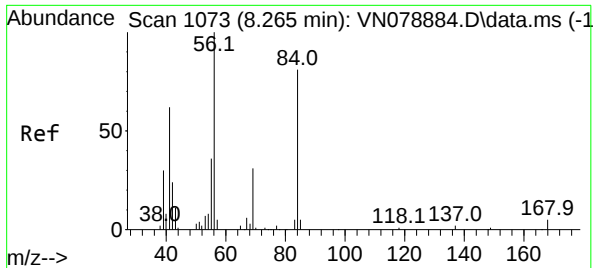
Tgt Ion: 83 Resp: 169762

Ion Ratio Lower Upper

83 100

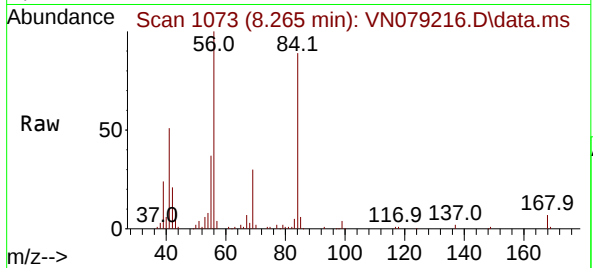
85 64.3 55.4 83.0





#31
Cyclohexane
Concen: 45.424 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

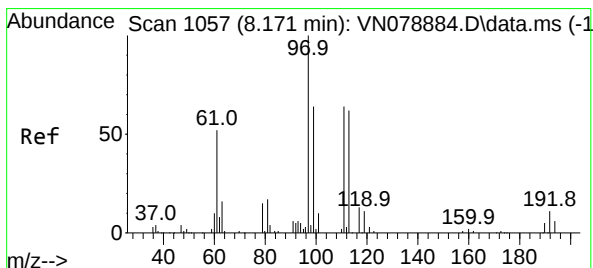
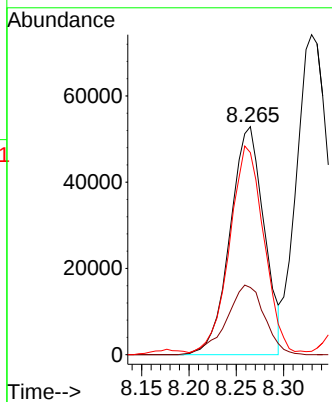
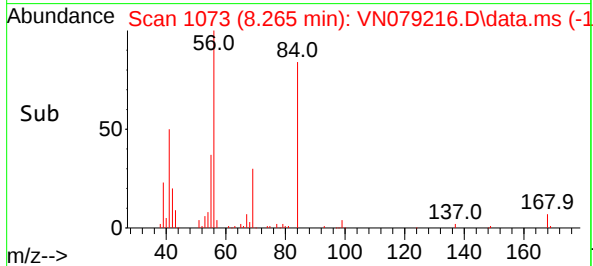
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



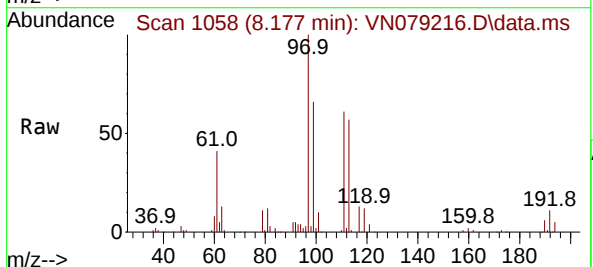
Tgt Ion: 56 Resp: 132190
Ion Ratio Lower Upper
56 100
69 29.5 26.8 40.2
84 86.9 81.8 122.6

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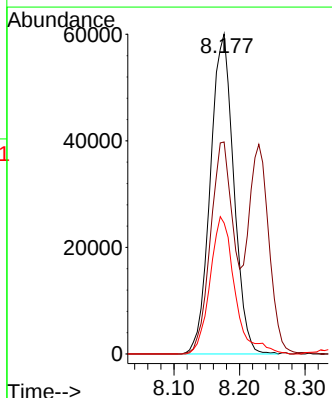
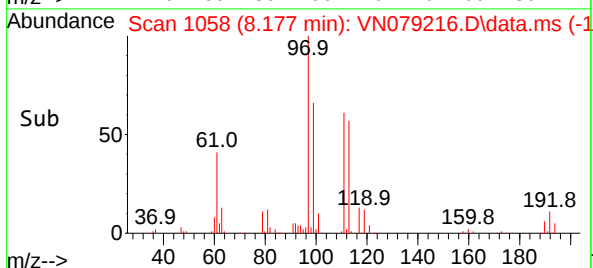
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

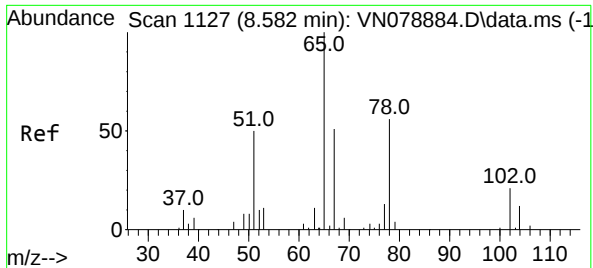


#32
1,1,1-Trichloroethane
Concen: 49.350 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55



Tgt Ion: 97 Resp: 148814
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 45.4 34.7 52.1





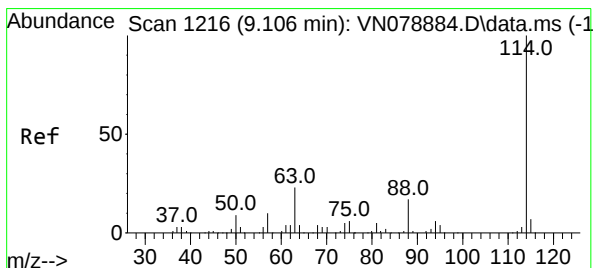
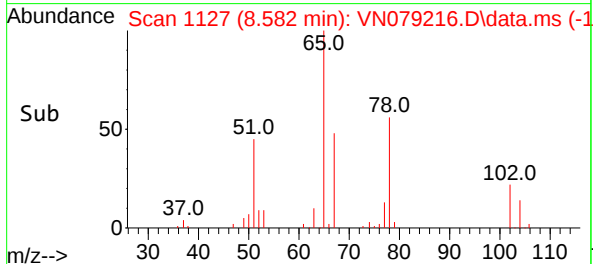
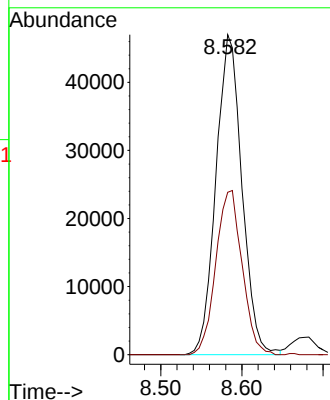
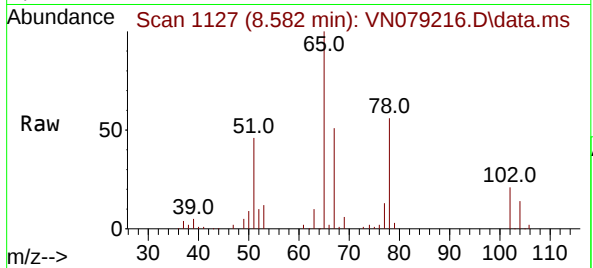
#33
1,2-Dichloroethane-d4
Concen: 52.460 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 10455
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6

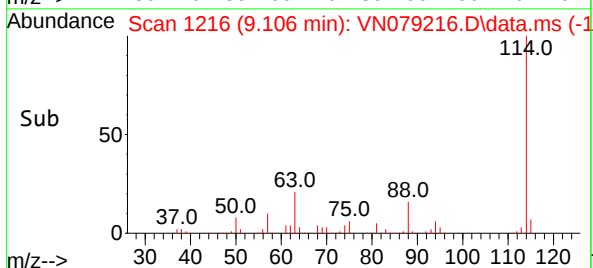
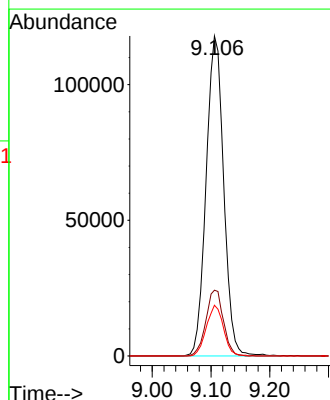
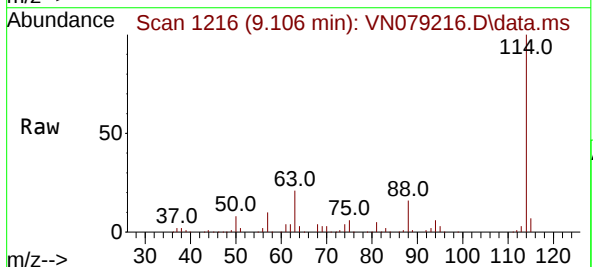
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Tgt Ion:114 Resp: 244523
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.4
88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.489 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079216.D

Acq: 11 Sep 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

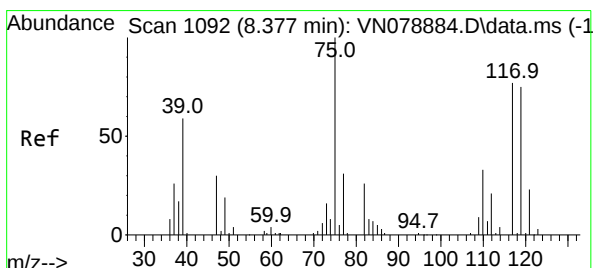
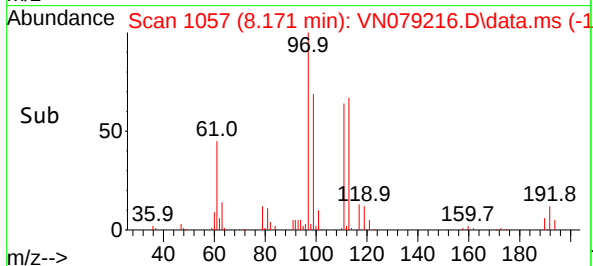
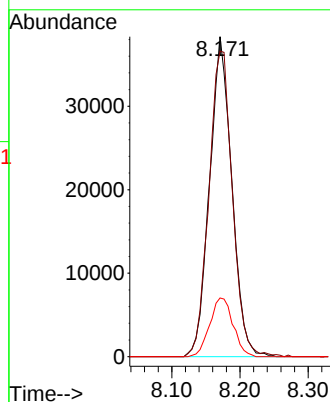
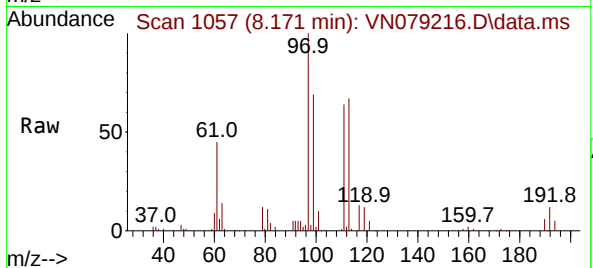
Tgt Ion:	113	Resp:	87000
Ion Ratio	Lower	Upper	
113	100		
111	101.0	82.6	123.8
192	19.3	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#36

1,1-Dichloropropene

Concen: 50.851 ug/l

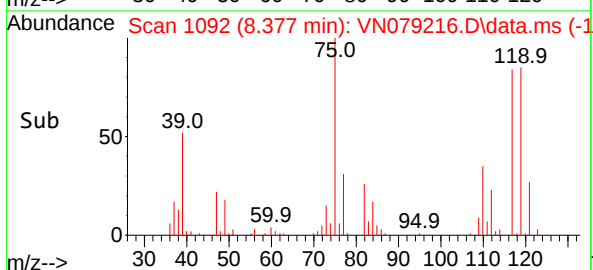
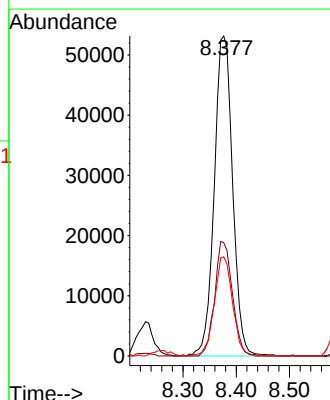
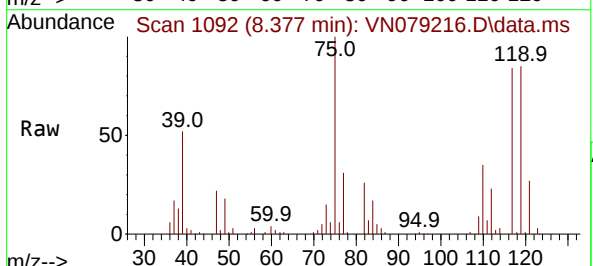
RT: 8.377 min Scan# 1092

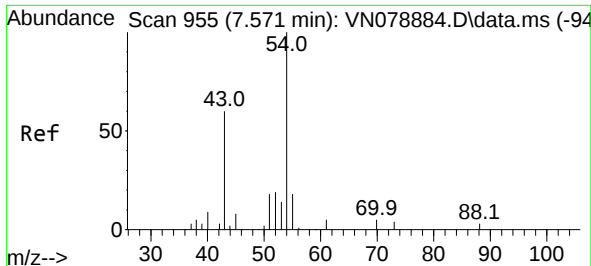
Delta R.T. -0.000 min

Lab File: VN079216.D

Acq: 11 Sep 2023 13:55

Tgt Ion:	75	Resp:	127487
Ion Ratio	Lower	Upper	
75	100		
110	34.3	19.1	57.3
77	30.6	25.0	37.4





#37

Ethyl Acetate

Concen: 51.293 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079216.D

Acq: 11 Sep 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 126514

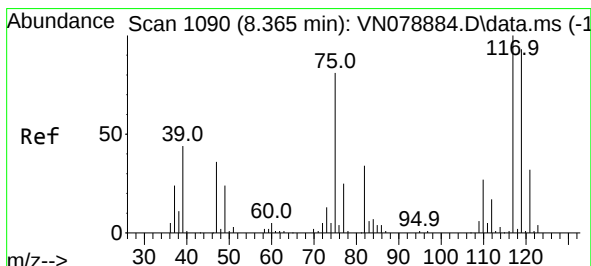
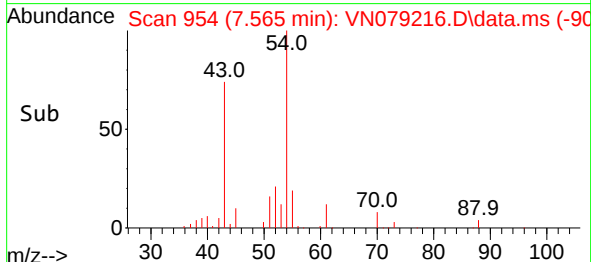
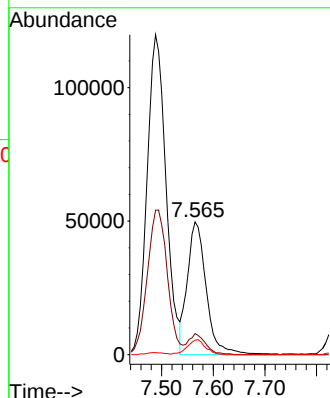
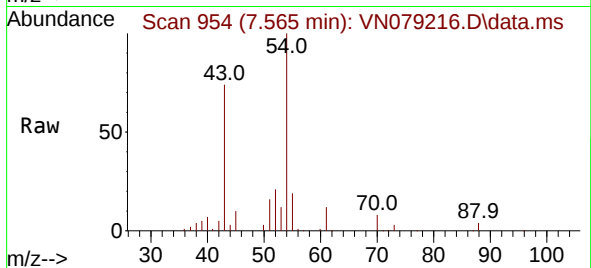
Ion	Ratio	Lower	Upper
43	100		
61	14.5	13.2	19.8
70	10.8	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#38

Carbon Tetrachloride

Concen: 49.414 ug/l

RT: 8.365 min Scan# 1090

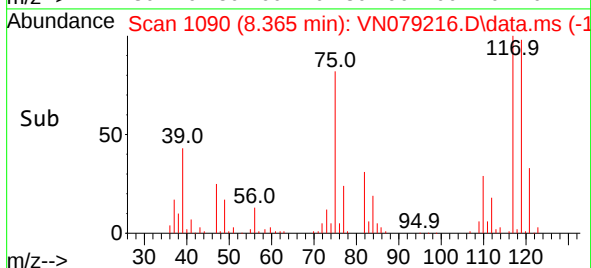
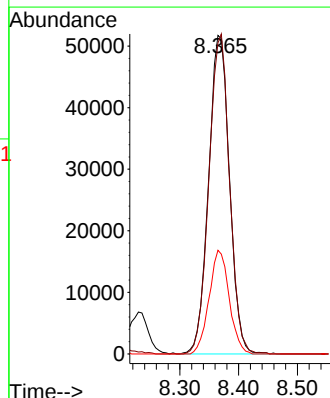
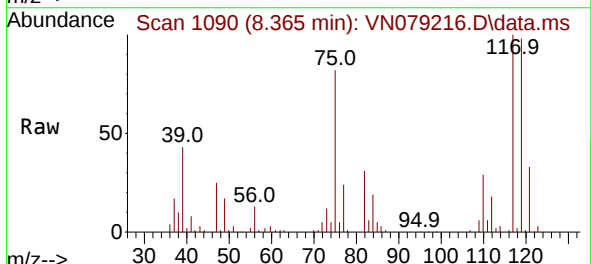
Delta R.T. -0.006 min

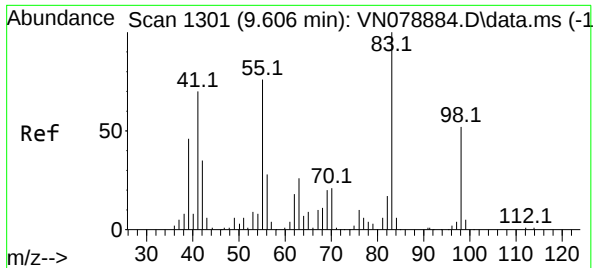
Lab File: VN079216.D

Acq: 11 Sep 2023 13:55

Tgt Ion:117 Resp: 128200

Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.3	115.9
121	32.6	23.3	34.9





#39

Methylcyclohexane

Concen: 52.213 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079216.D

Acq: 11 Sep 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 12912

Ion Ratio Lower Upper

83 100

55 72.7 49.1 73.7

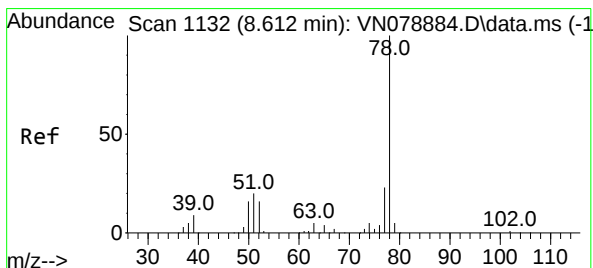
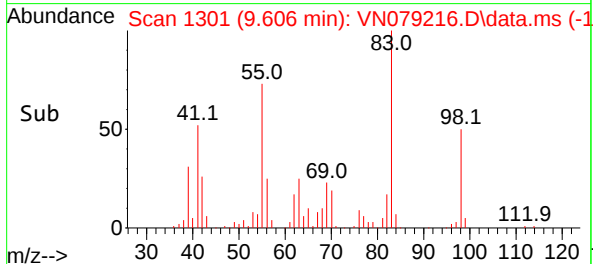
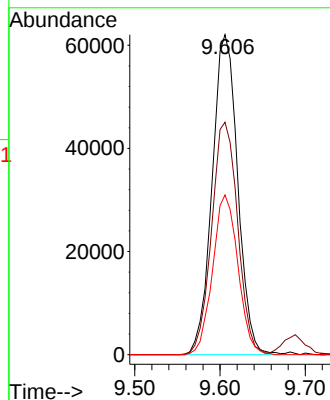
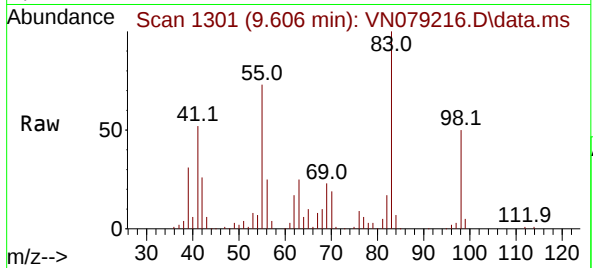
98 49.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#40

Benzene

Concen: 49.993 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079216.D

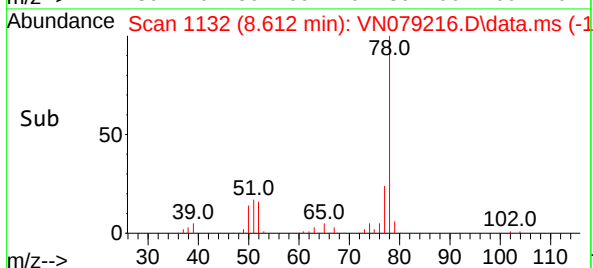
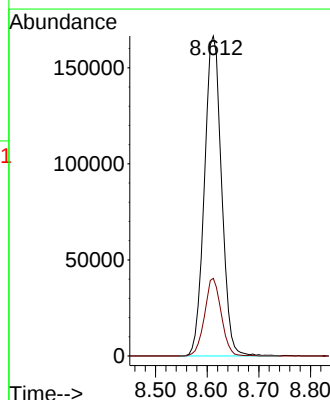
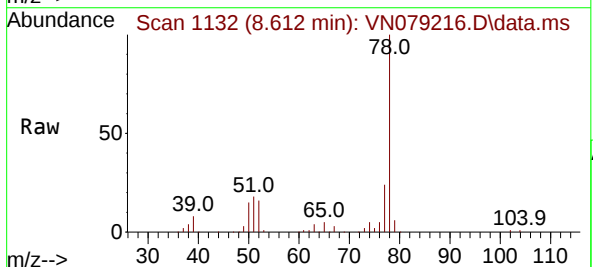
Acq: 11 Sep 2023 13:55

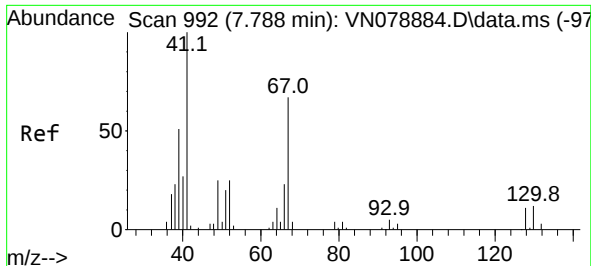
Tgt Ion: 78 Resp: 383687

Ion Ratio Lower Upper

78 100

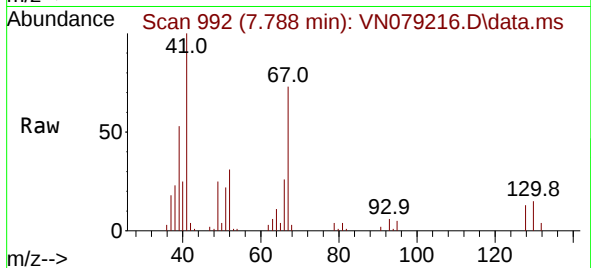
77 24.3 19.0 28.6





#41
Methacrylonitrile
Concen: 51.360 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.006 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

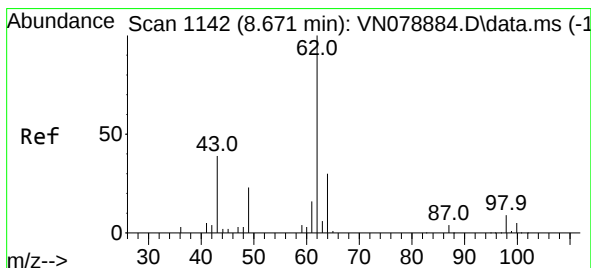
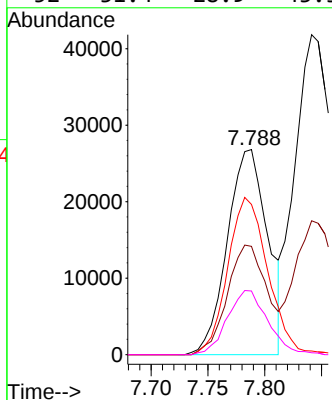
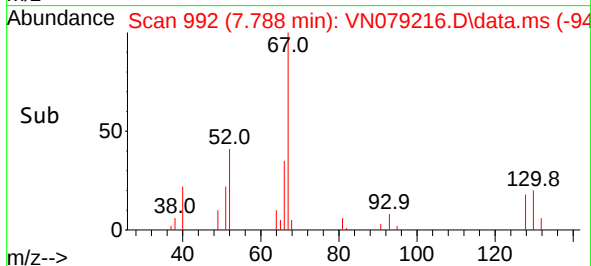
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



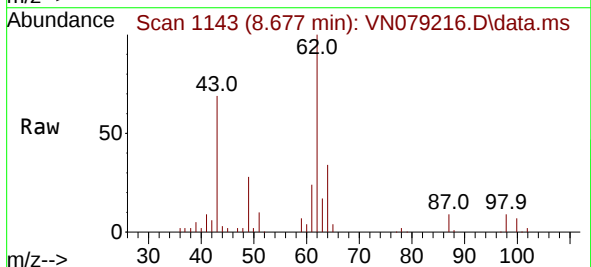
Tgt Ion: 41 Resp: 66368
Ion Ratio Lower Upper
41 100
39 52.5 42.6 64.0
67 76.4 77.5 116.3
52 31.4 28.9 43.3

Manual Integrations
APPROVED

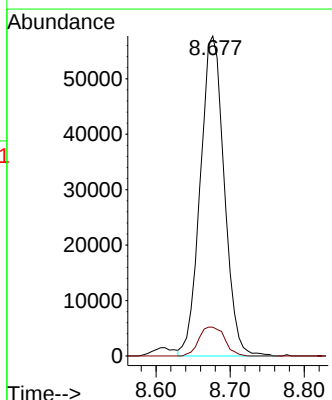
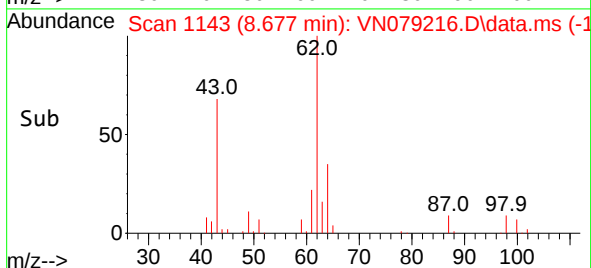
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

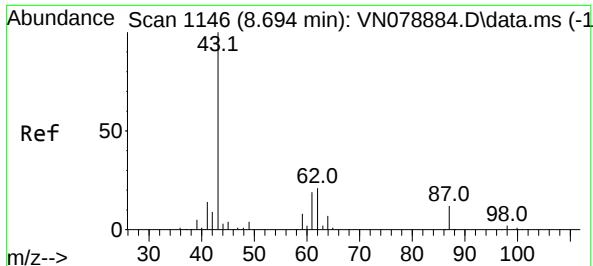


#42
1,2-Dichloroethane
Concen: 49.005 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55



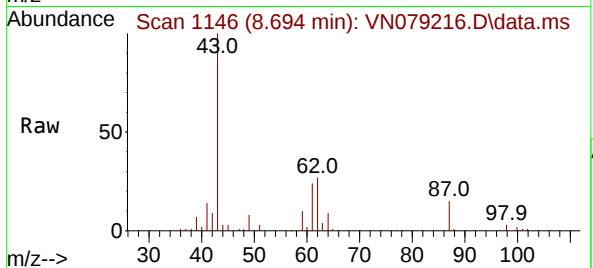
Tgt Ion: 62 Resp: 129478
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.8





#43
Isopropyl Acetate
Concen: 49.503 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

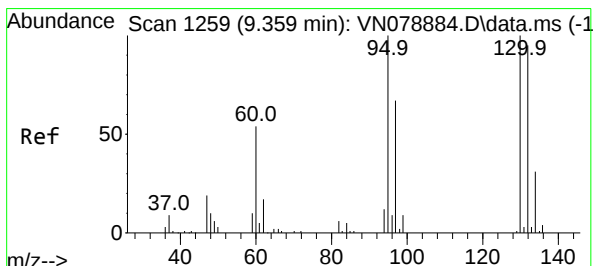
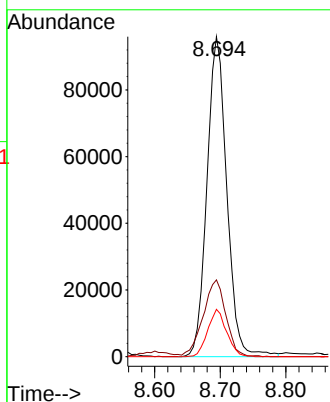
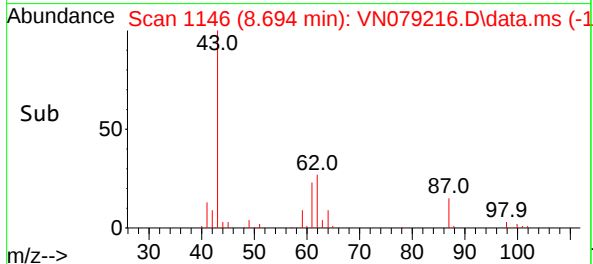
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



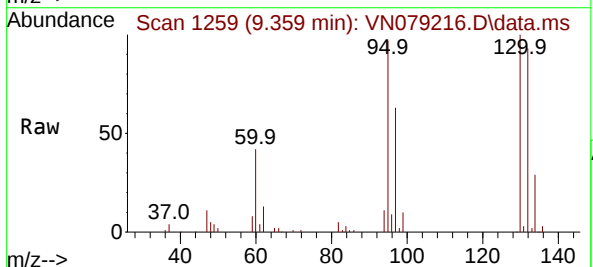
Tgt Ion: 43 Resp: 20198
Ion Ratio Lower Upper
43 100
61 27.5 24.7 37.1
87 14.1 14.6 21.8

Manual Integrations
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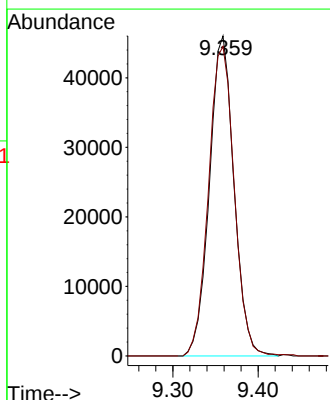
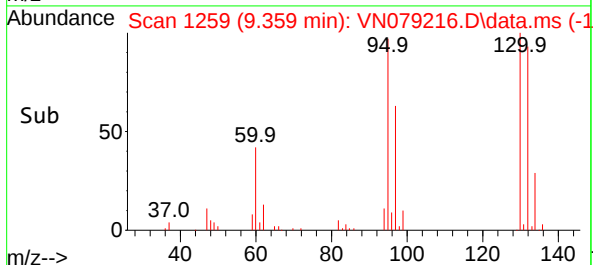
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

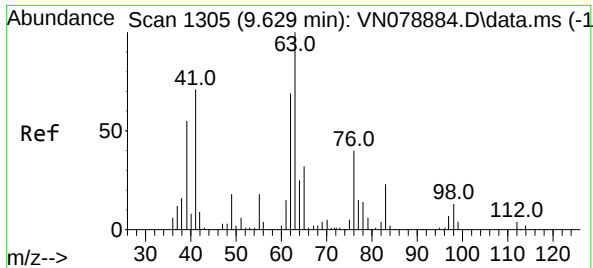


#44
Trichloroethene
Concen: 48.815 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55



Tgt Ion:130 Resp: 92290
Ion Ratio Lower Upper
130 100
95 96.7 0.0 204.6





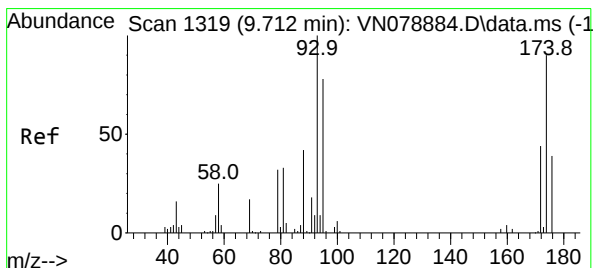
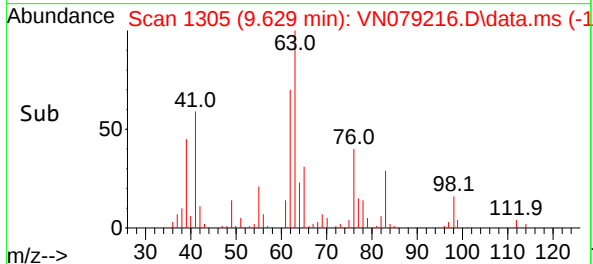
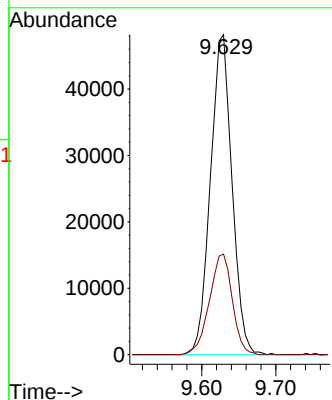
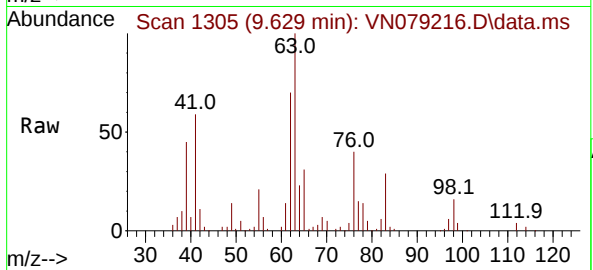
#45
1,2-Dichloropropane
Concen: 51.247 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.005 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 97610
Ion Ratio Lower Upper
63 100
65 31.5 23.9 35.9

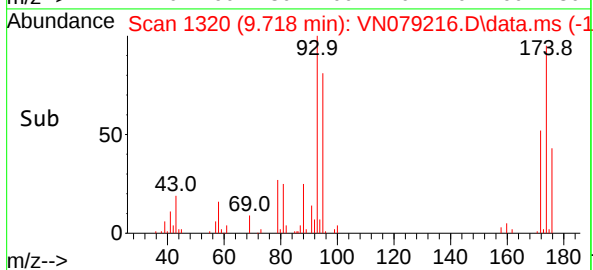
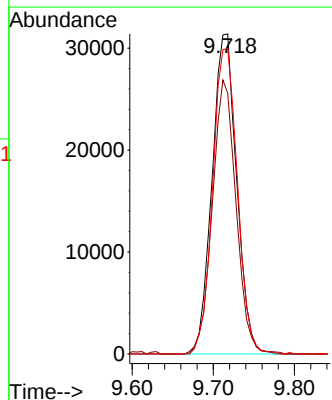
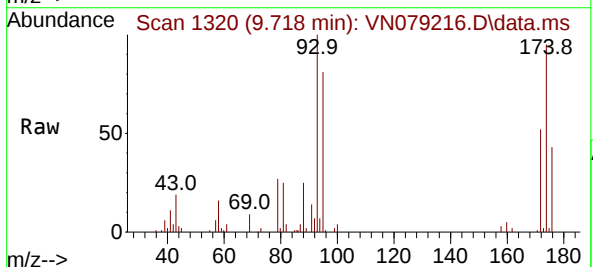
Manual Integrations
APPROVED

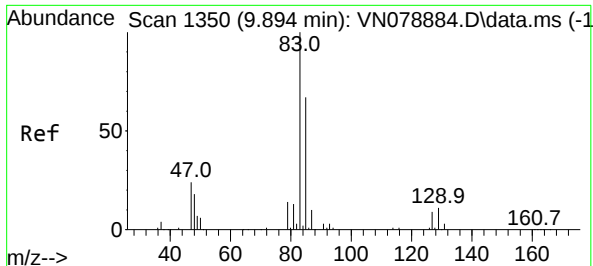
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#46
Dibromomethane
Concen: 51.097 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Tgt Ion: 93 Resp: 66069
Ion Ratio Lower Upper
93 100
95 82.6 63.8 95.8
174 96.1 65.6 98.4





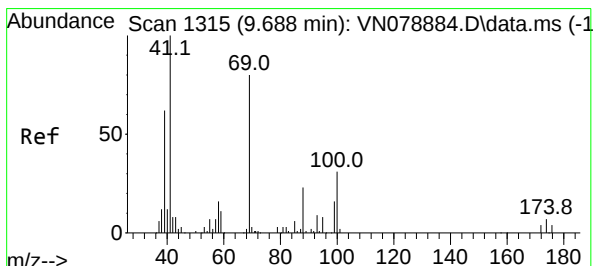
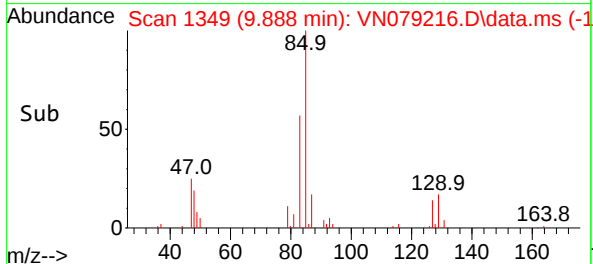
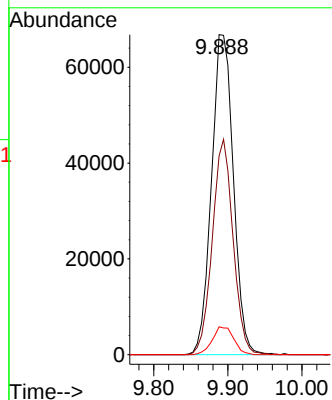
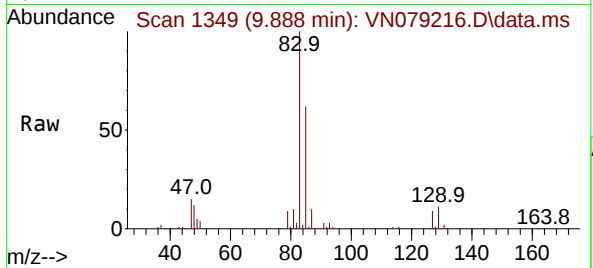
#47
Bromodichloromethane
Concen: 51.768 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 137100
Ion Ratio Lower Upper
83 100
85 62.1 49.6 74.4
127 8.7 7.0 10.6

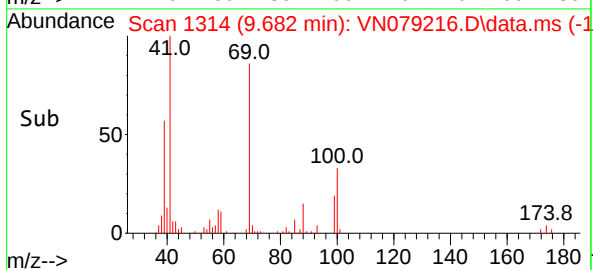
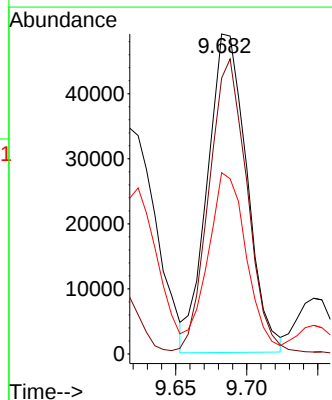
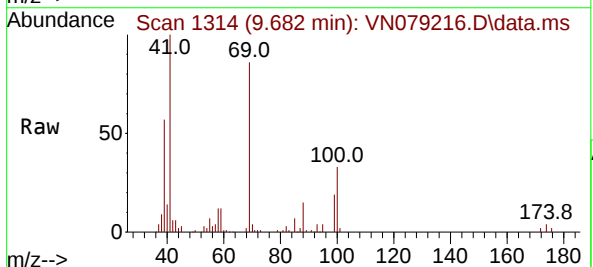
Manual Integrations
APPROVED

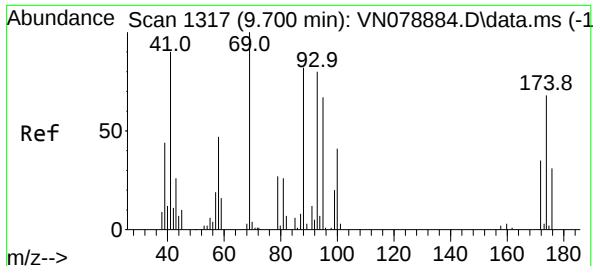
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#48
Methyl methacrylate
Concen: 51.761 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Tgt Ion: 41 Resp: 94600
Ion Ratio Lower Upper
41 100
69 90.4 90.4 135.6#
39 56.5 54.6 81.8





#49

1,4-Dioxane

Concen: 1033.924 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079216.D

Acq: 11 Sep 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 3886

Ion Ratio Lower Upper

88 100

43 27.3 17.0 25.6

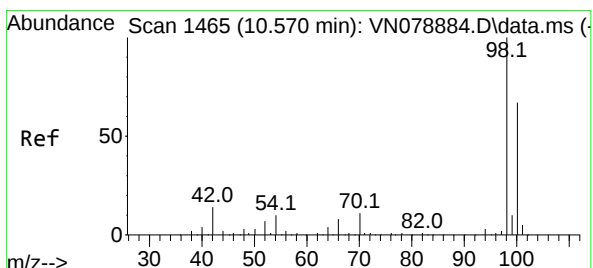
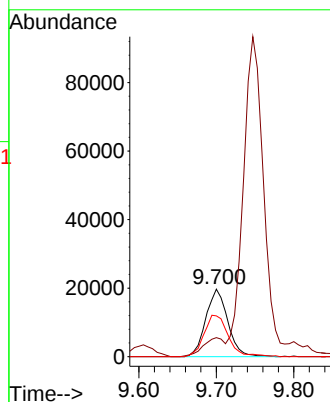
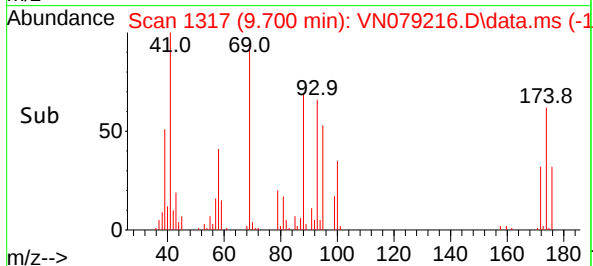
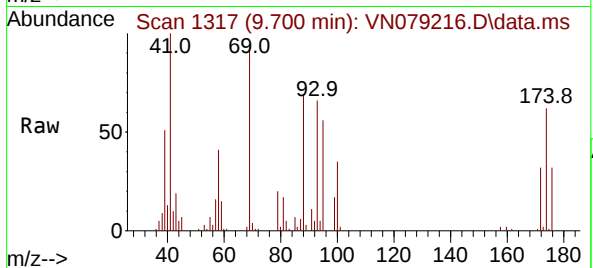
58 67.9 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#50

Toluene-d8

Concen: 54.199 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN079216.D

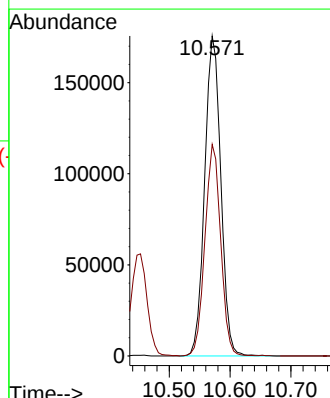
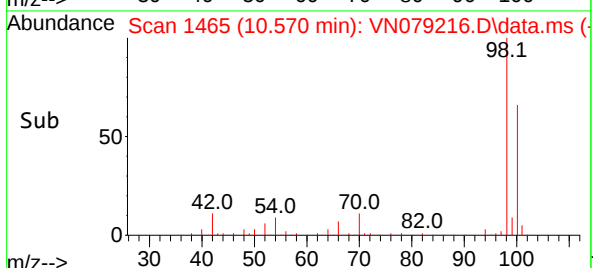
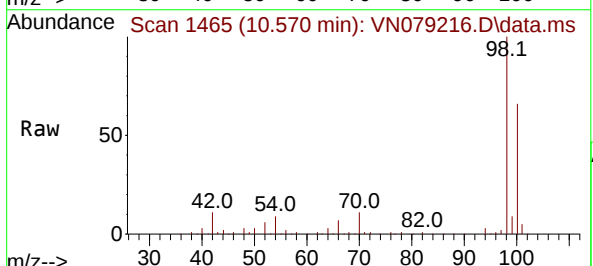
Acq: 11 Sep 2023 13:55

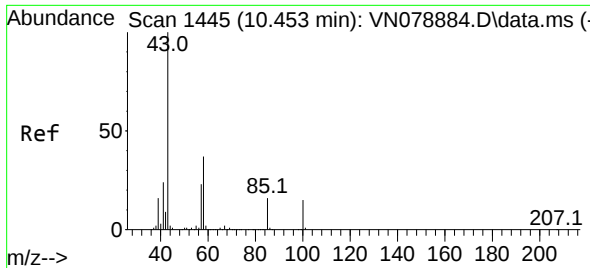
Tgt Ion: 98 Resp: 323695

Ion Ratio Lower Upper

98 100

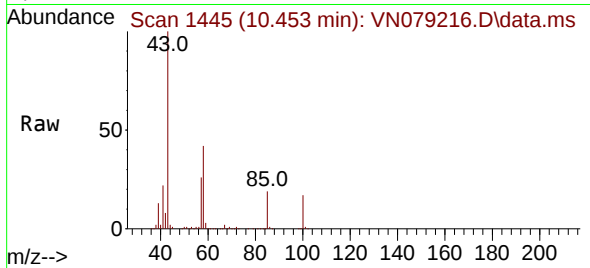
100 64.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 261.677 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

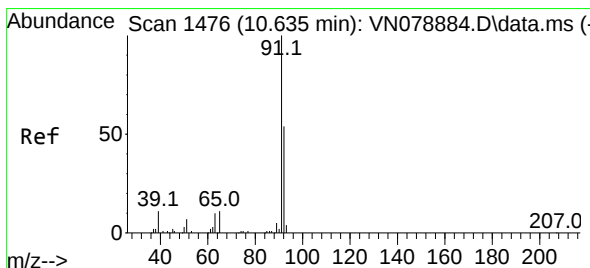
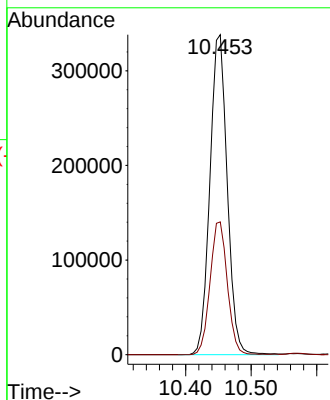
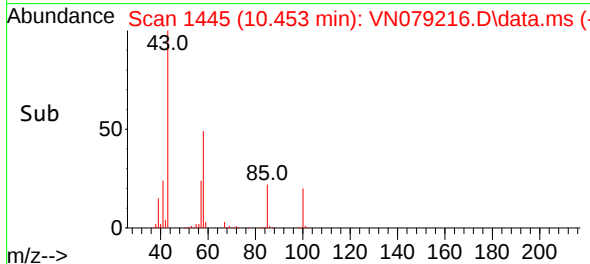
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



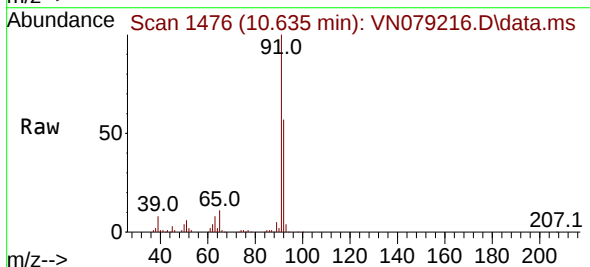
Tgt Ion: 43 Resp: 61979
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

Manual Integrations
APPROVED

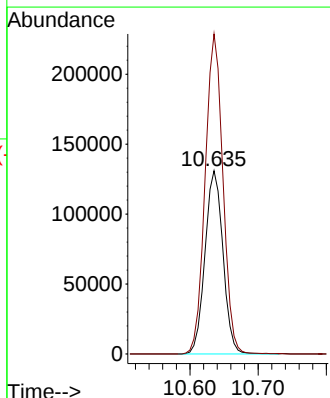
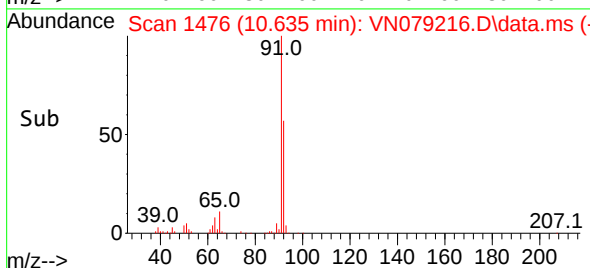
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

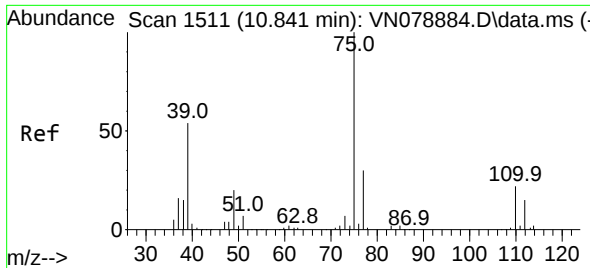


#52
Toluene
Concen: 50.780 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55



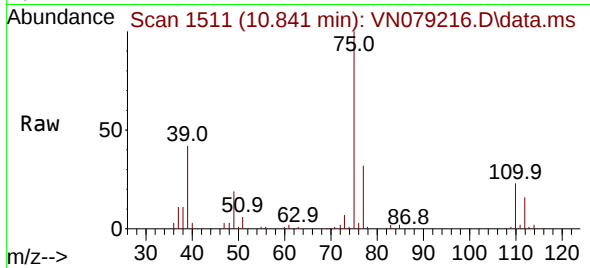
Tgt Ion: 92 Resp: 239507
Ion Ratio Lower Upper
92 100
91 173.2 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 52.539 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079216.D
 Acq: 11 Sep 2023 13:55

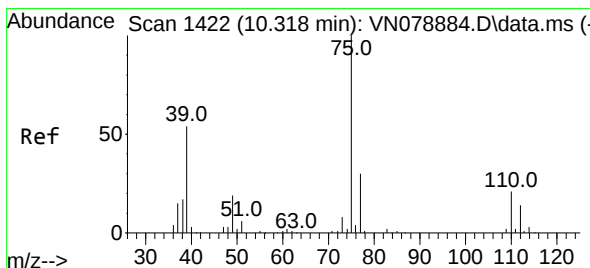
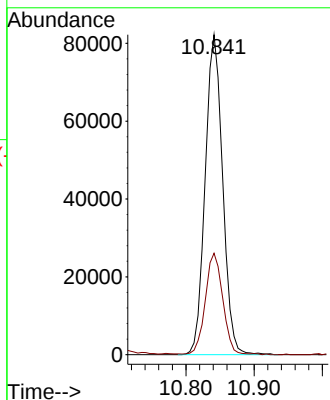
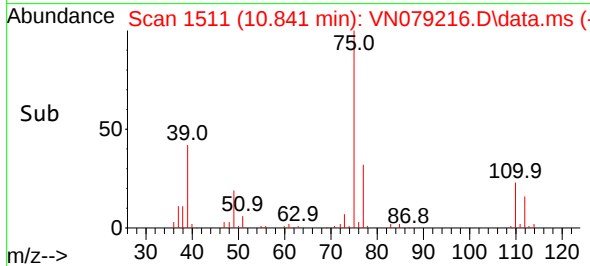
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



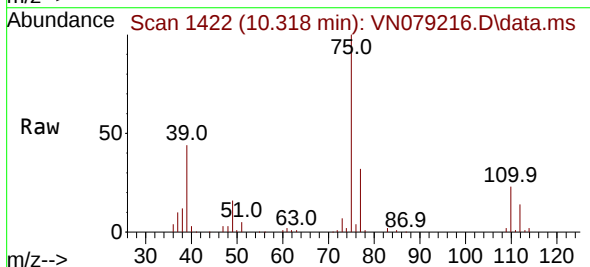
Tgt Ion: 75 Resp: 146718
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0

Manual Integrations
 APPROVED

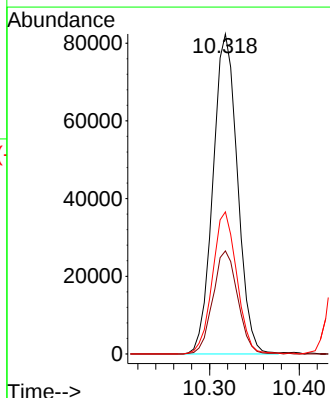
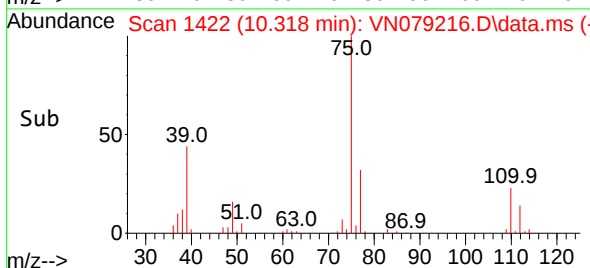
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

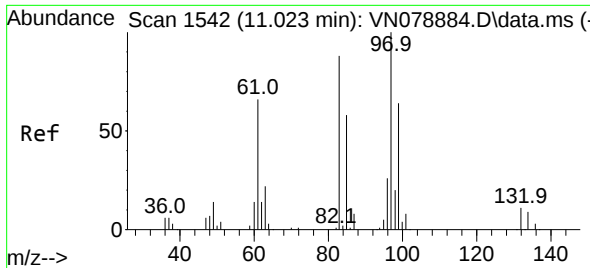


#54
 cis-1,3-Dichloropropene
 Concen: 52.296 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079216.D
 Acq: 11 Sep 2023 13:55



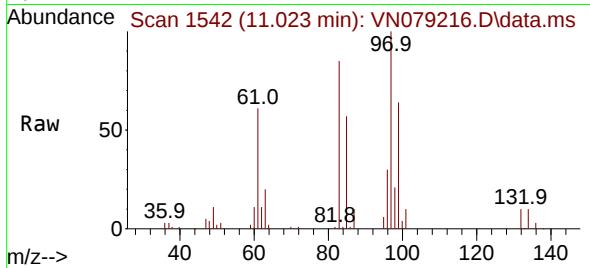
Tgt Ion: 75 Resp: 156199
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.1 39.1
 39 44.4 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 49.914 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.001 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

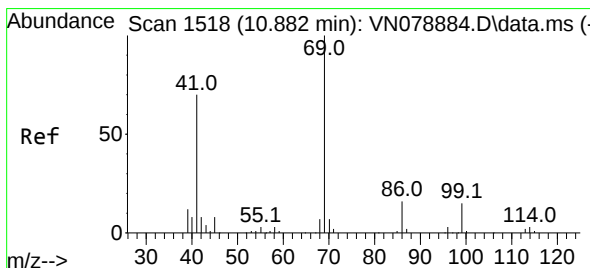
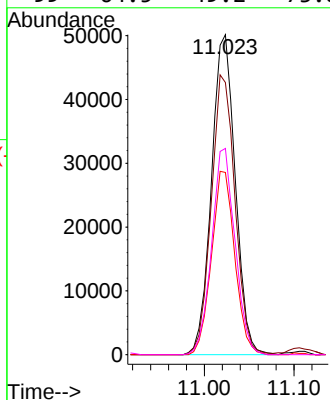
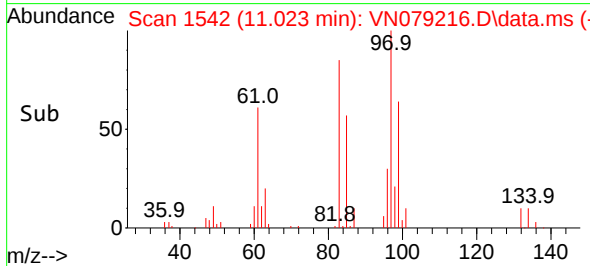
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:	97	Resp:	9237
Ion Ratio	Lower	Upper	
97	100		
83	85.1	65.1	97.7
85	56.9	43.4	65.2
99	64.5	49.2	73.8

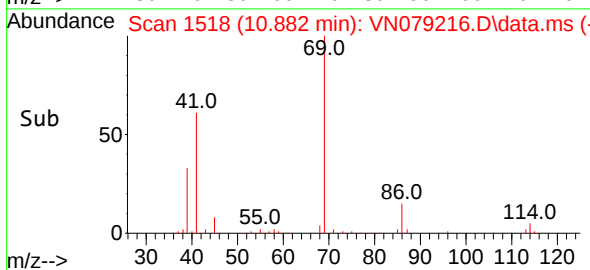
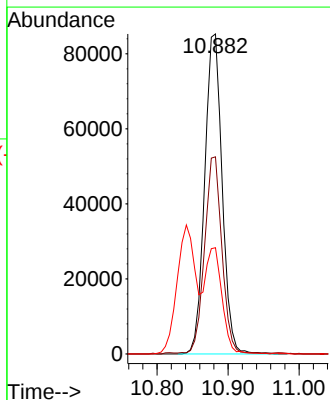
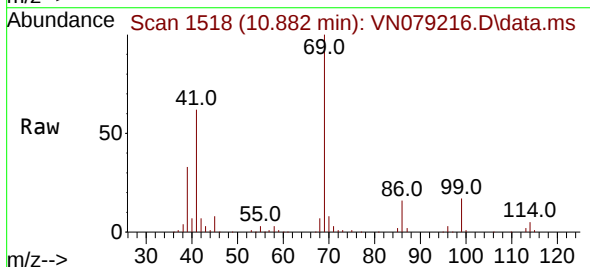
Manual Integrations
APPROVED

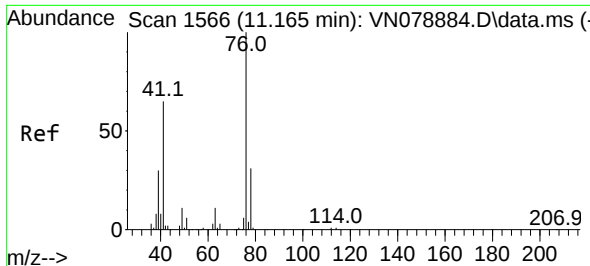
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#56
Ethyl methacrylate
Concen: 55.842 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Tgt Ion:	69	Resp:	145888
Ion Ratio	Lower	Upper	
69	100		
41	60.7	39.6	59.4#
39	33.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 50.463 ug/l

RT: 11.170 min Scan# 1566

Delta R.T. 0.005 min

Lab File: VN079216.D

Acq: 11 Sep 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 161440

Ion Ratio Lower Upper

76 100

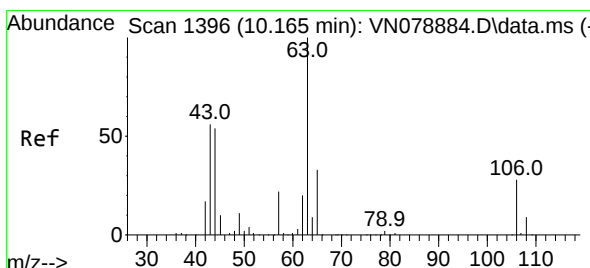
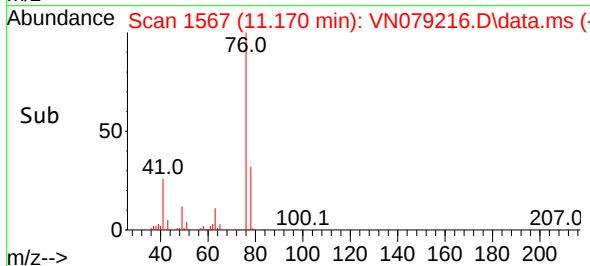
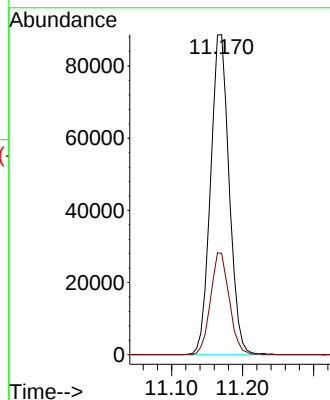
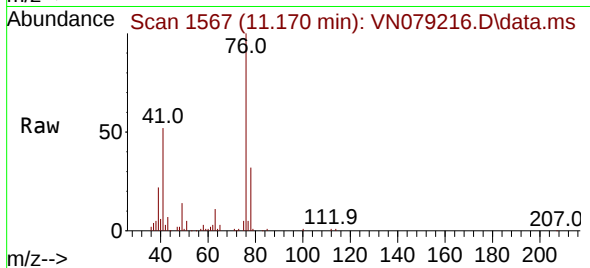
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 241.806 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079216.D

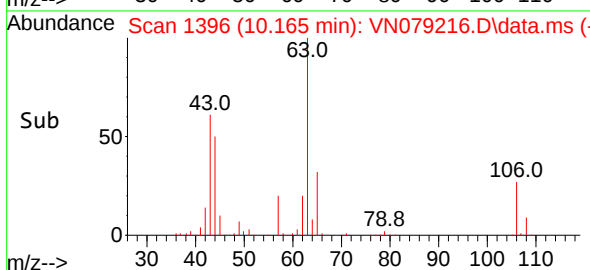
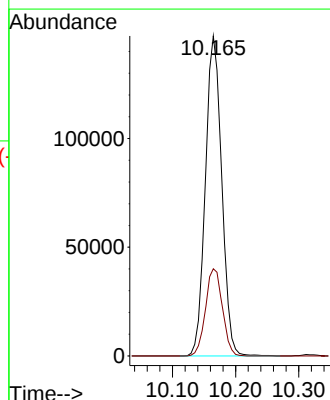
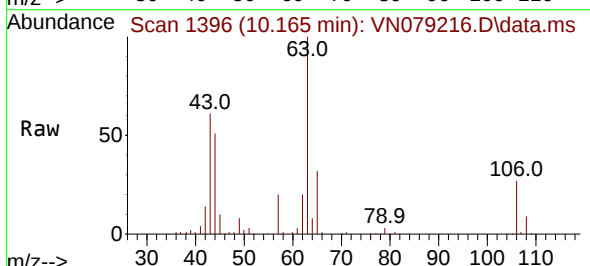
Acq: 11 Sep 2023 13:55

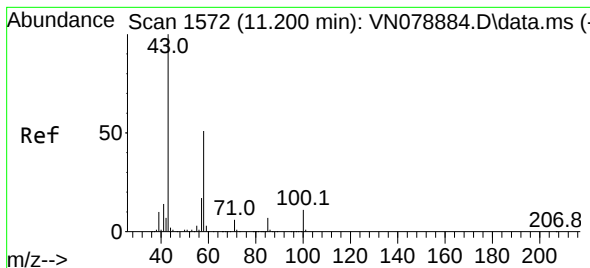
Tgt Ion: 63 Resp: 264630

Ion Ratio Lower Upper

63 100

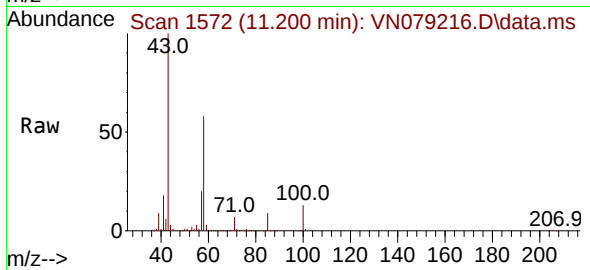
106 28.1 26.2 39.4





#59
2-Hexanone
Concen: 267.719 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

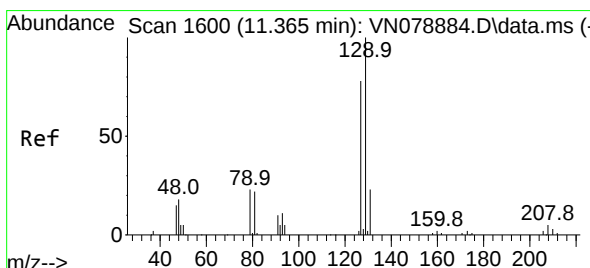
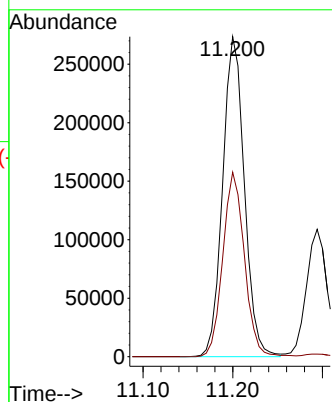
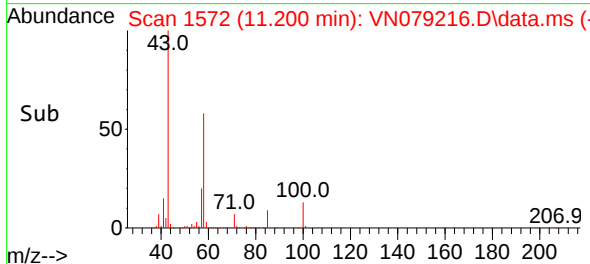
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 45927
Ion Ratio Lower Upper
43 100
58 57.4 31.7 95.1

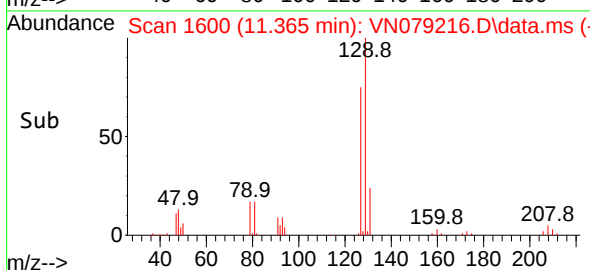
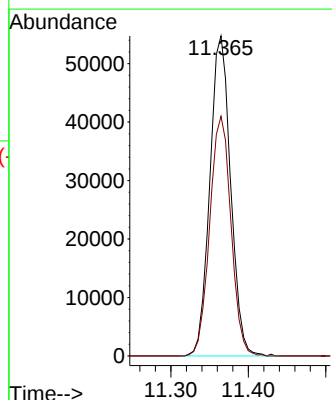
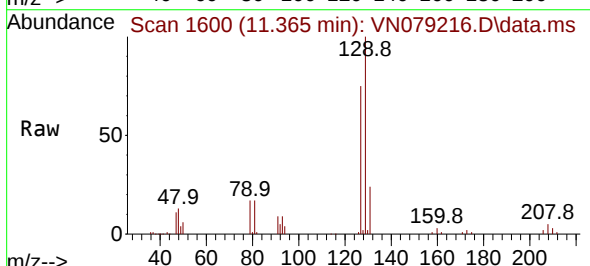
Manual Integrations
APPROVED

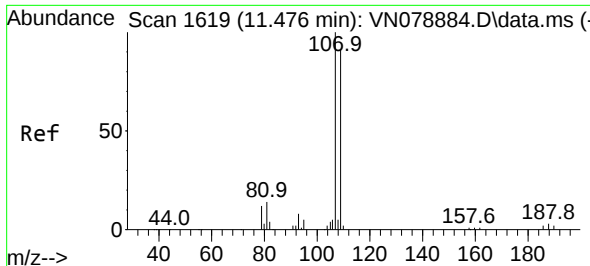
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#60
Dibromochloromethane
Concen: 51.868 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Tgt Ion:129 Resp: 102162
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





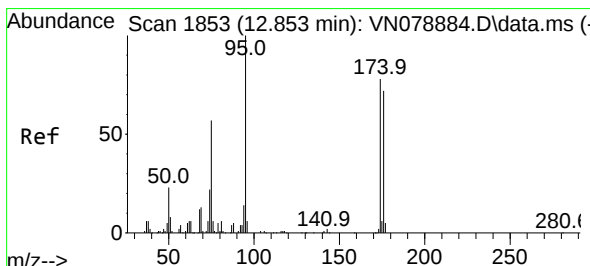
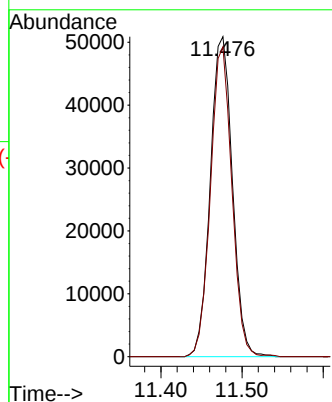
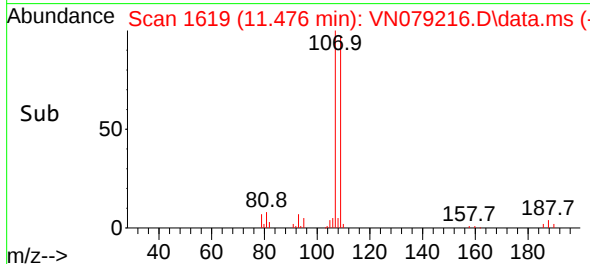
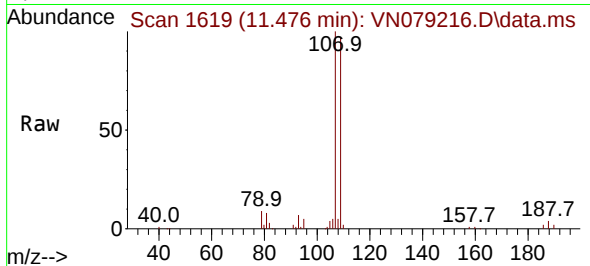
#61
1,2-Dibromoethane
Concen: 52.126 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 96274
Ion Ratio Lower Upper
107 100
109 93.5 76.6 114.8

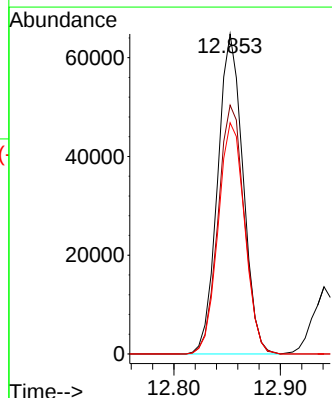
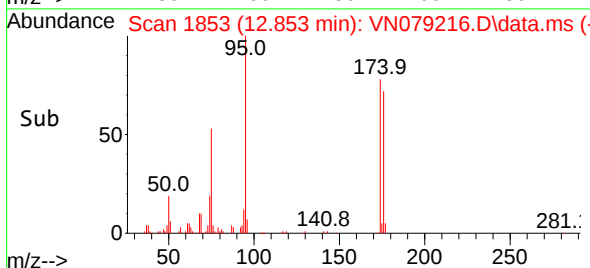
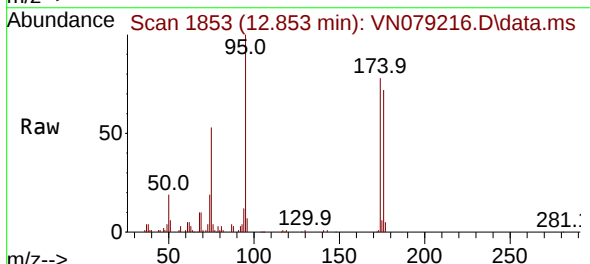
Manual Integrations
APPROVED

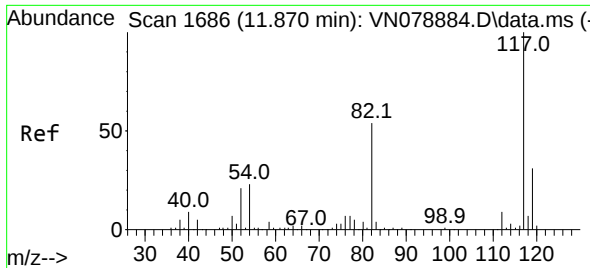
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#62
4-Bromofluorobenzene
Concen: 56.232 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Tgt Ion: 95 Resp: 107125
Ion Ratio Lower Upper
95 100
174 80.6 0.0 143.8
176 75.6 0.0 135.8





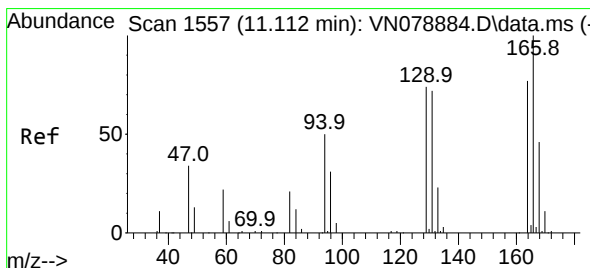
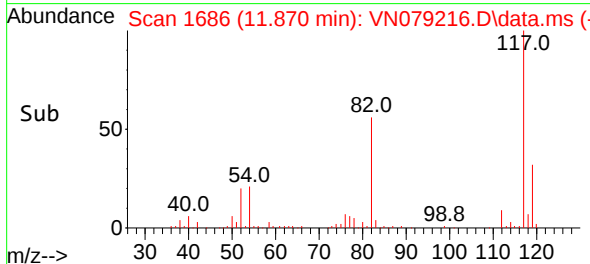
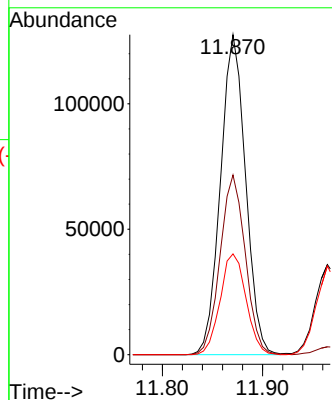
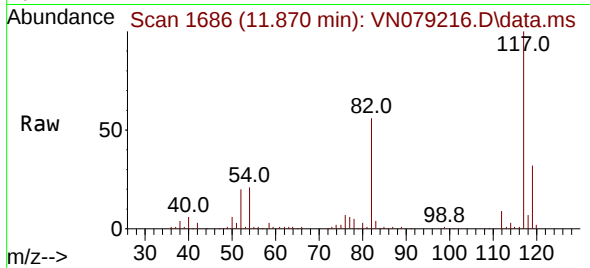
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 22178
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 31.5 25.6 38.4

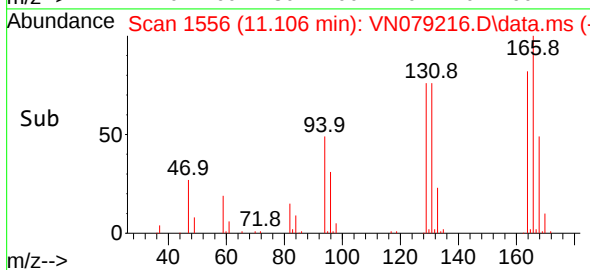
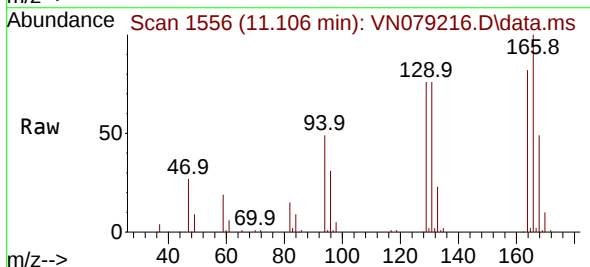
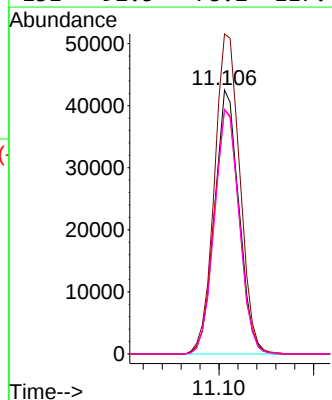
Manual Integrations
APPROVED

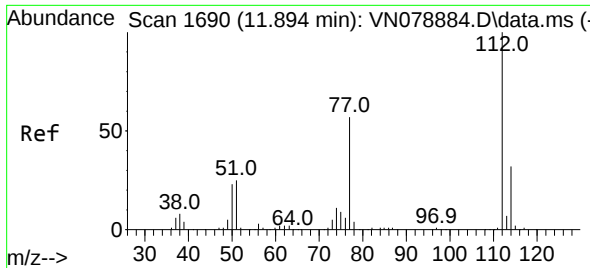
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#64
Tetrachloroethene
Concen: 47.142 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Tgt Ion:164 Resp: 76236
Ion Ratio Lower Upper
164 100
166 121.2 101.4 152.0
129 92.7 82.4 123.6
131 92.5 78.2 117.4





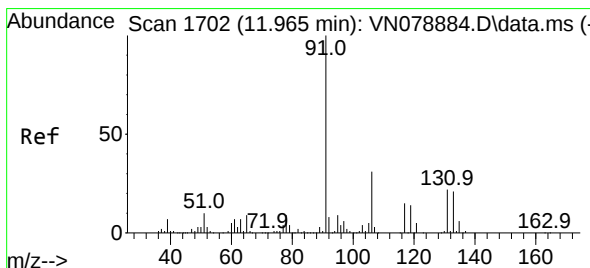
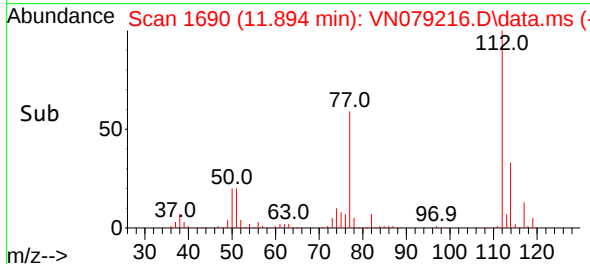
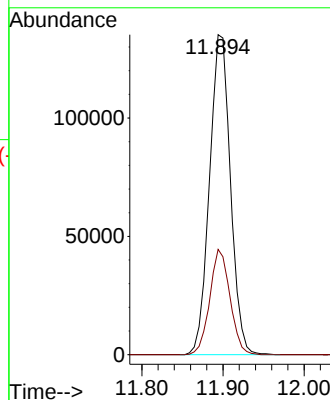
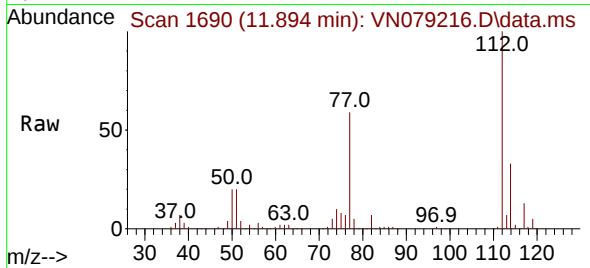
#65
Chlorobenzene
Concen: 48.211 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 242225
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4

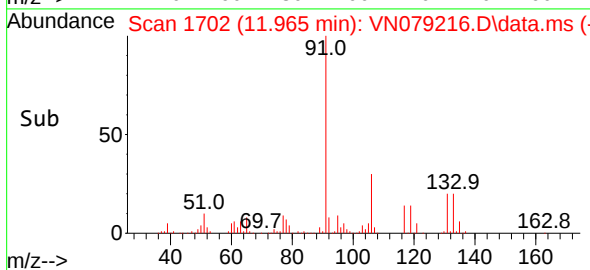
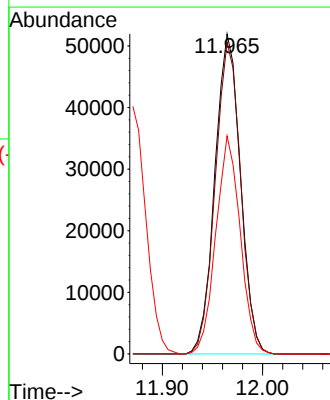
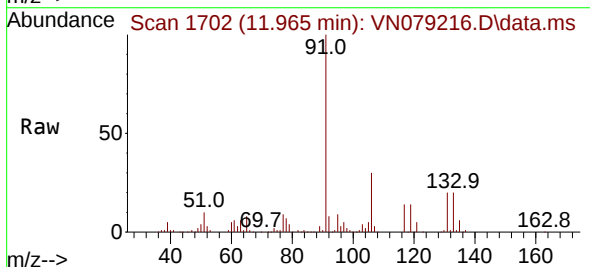
Manual Integrations
APPROVED

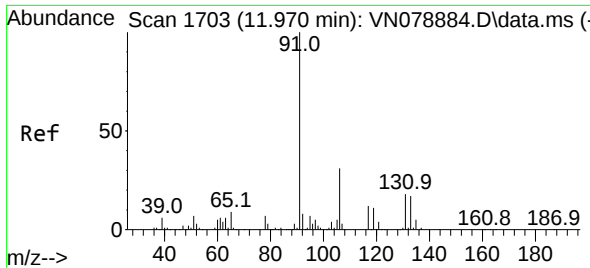
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.786 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

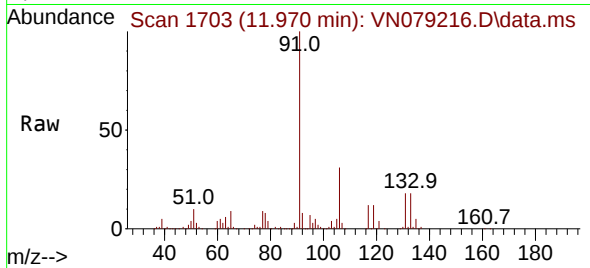
Tgt Ion:131 Resp: 91913
Ion Ratio Lower Upper
131 100
133 97.0 46.4 139.1
119 65.1 34.1 102.2





#67
Ethyl Benzene
Concen: 52.171 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

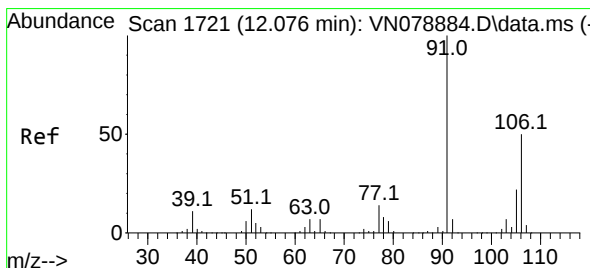
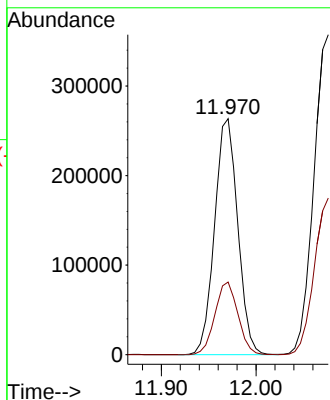
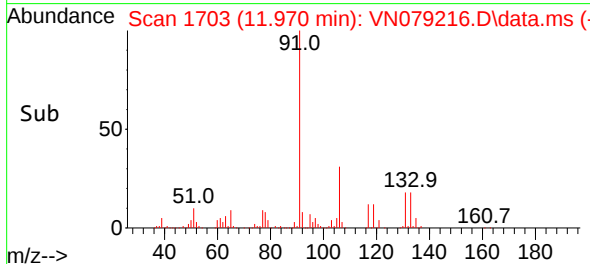
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



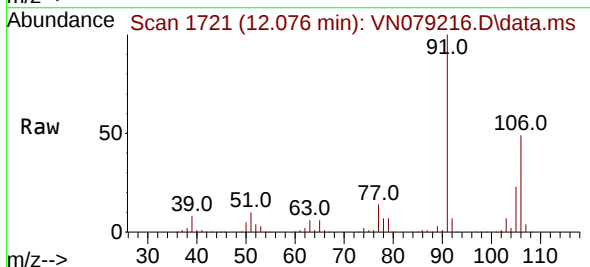
Tgt Ion: 91 Resp: 448344
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4

Manual Integrations
APPROVED

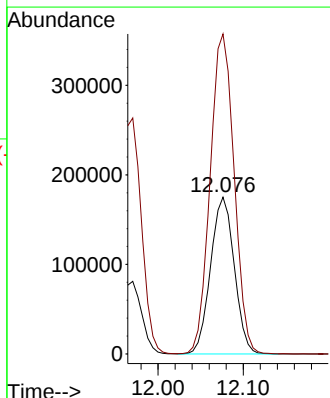
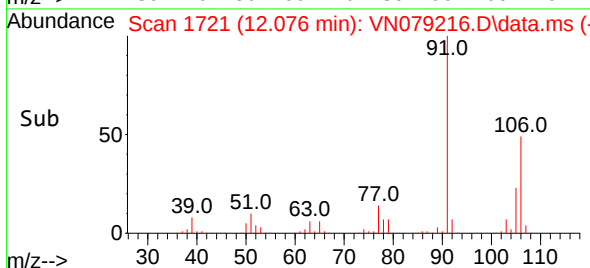
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

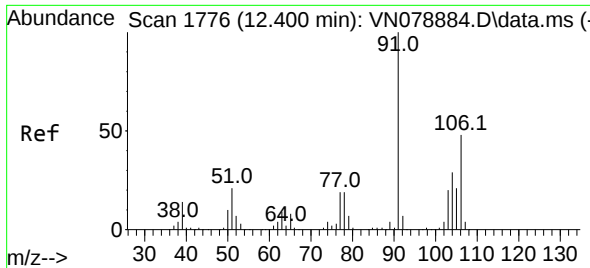


#68
m/p-Xylenes
Concen: 105.607 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55



Tgt Ion:106 Resp: 338281
Ion Ratio Lower Upper
106 100
91 207.0 159.6 239.4





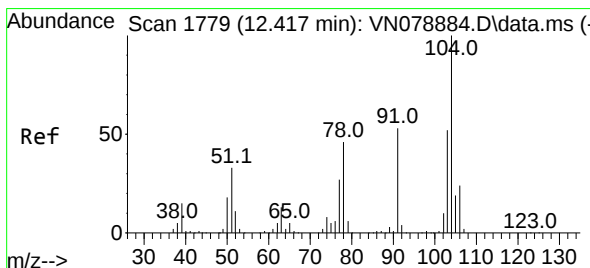
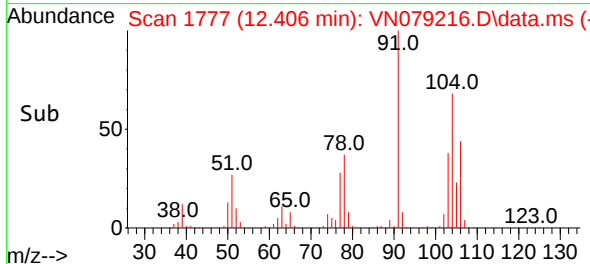
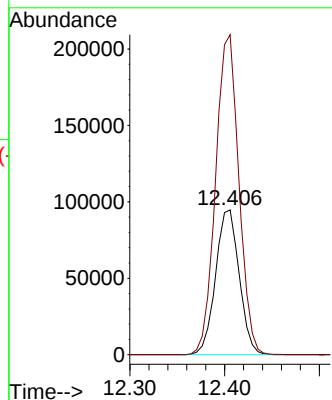
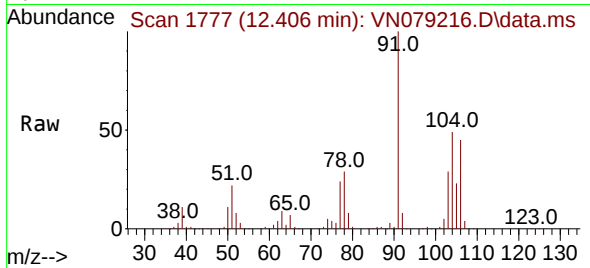
#69
o-Xylene
Concen: 53.420 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 16411
Ion Ratio Lower Upper
106 100
91 218.0 105.2 315.5

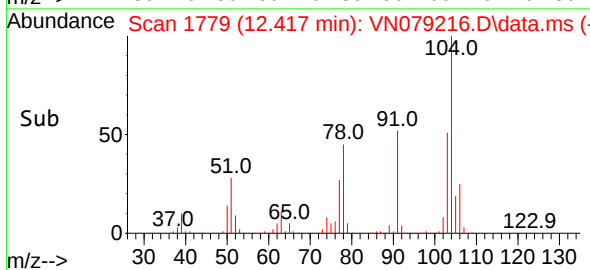
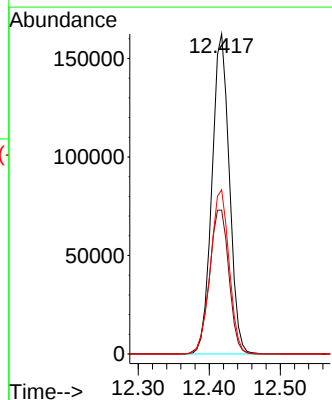
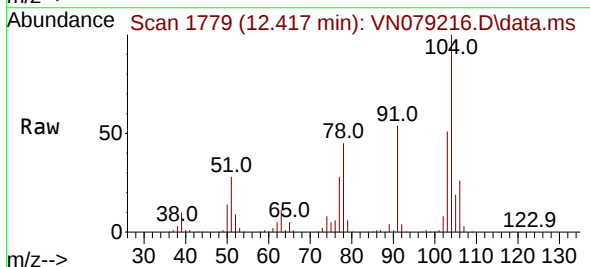
Manual Integrations
APPROVED

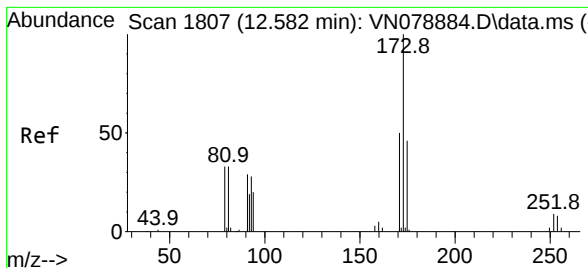
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#70
Styrene
Concen: 55.843 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Tgt Ion:104 Resp: 275915
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 55.2 43.2 64.8





#71

Bromoform

Concen: 52.603 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079216.D

Acq: 11 Sep 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

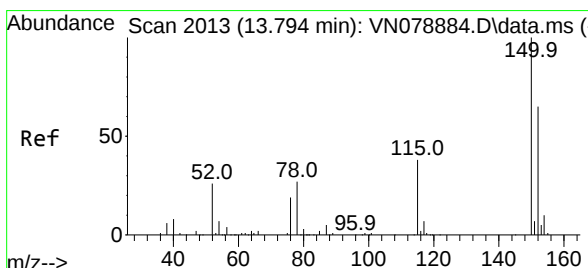
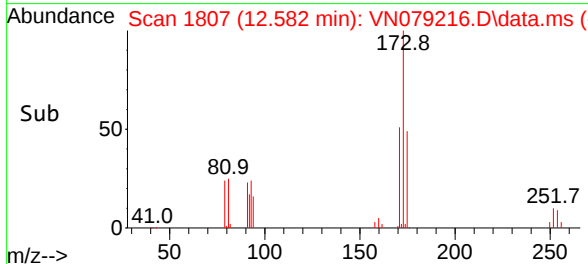
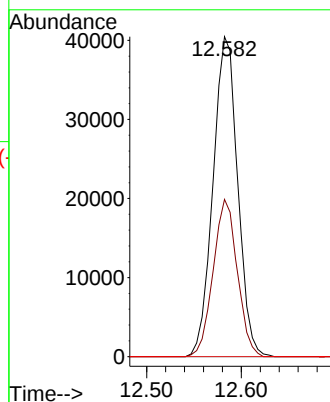
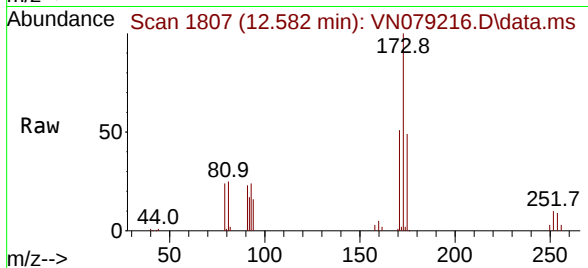
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

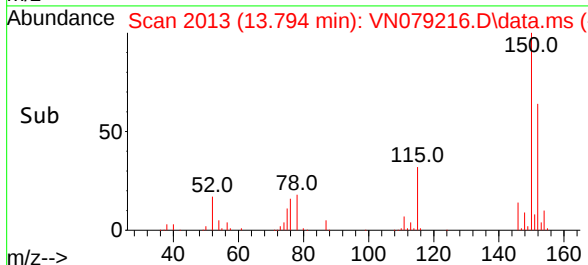
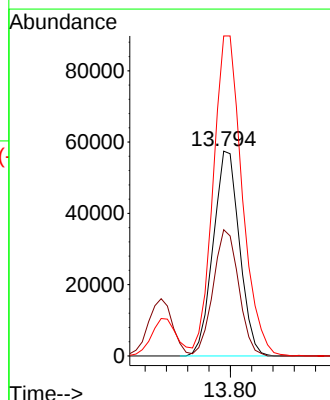
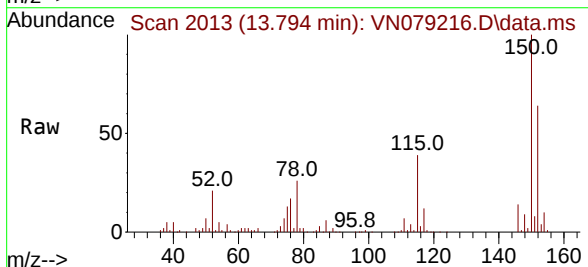
RT: 13.794 min Scan# 2013

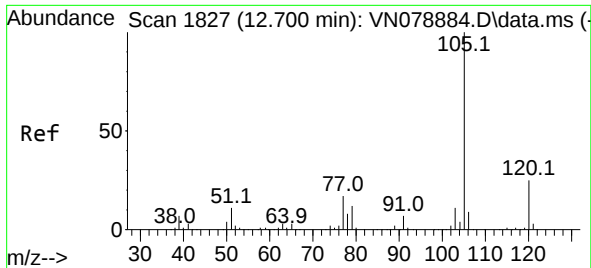
Delta R.T. -0.000 min

Lab File: VN079216.D

Acq: 11 Sep 2023 13:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	32.3	96.8
150	171.9	0.0	355.8





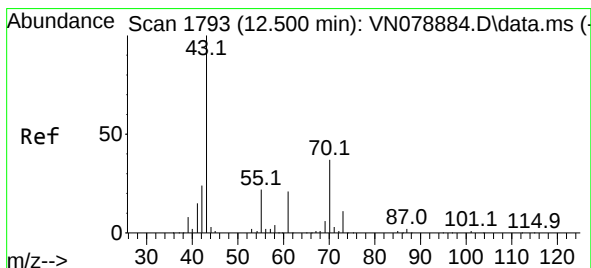
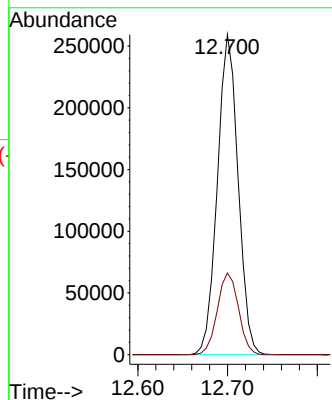
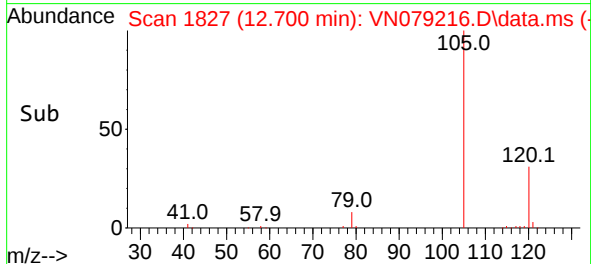
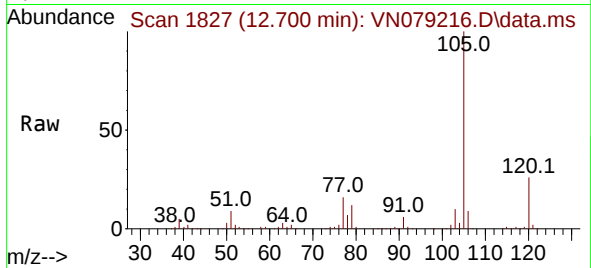
#73
Isopropylbenzene
Concen: 46.453 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 41525
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1

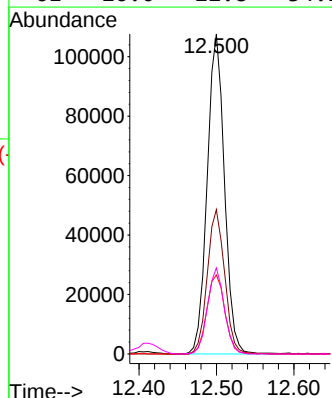
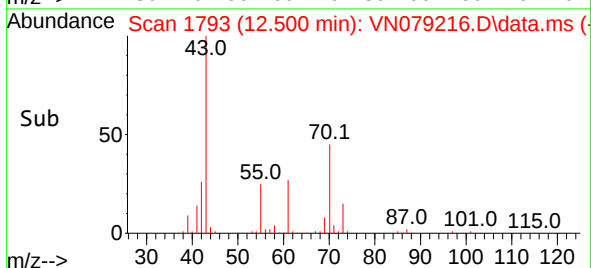
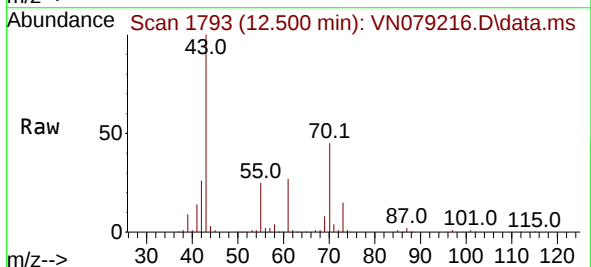
Manual Integrations
APPROVED

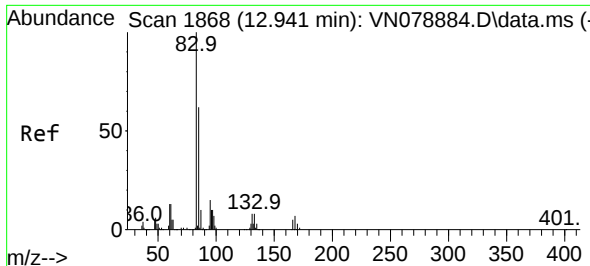
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#74
N-ethyl acetate
Concen: 49.140 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

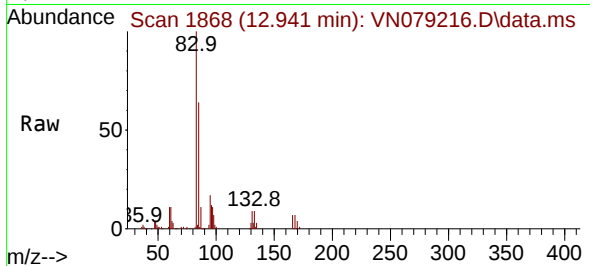
Tgt Ion: 43 Resp: 166657
Ion Ratio Lower Upper
43 100
70 45.3 43.4 65.2
55 25.9 21.4 32.0
61 26.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 41.483 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

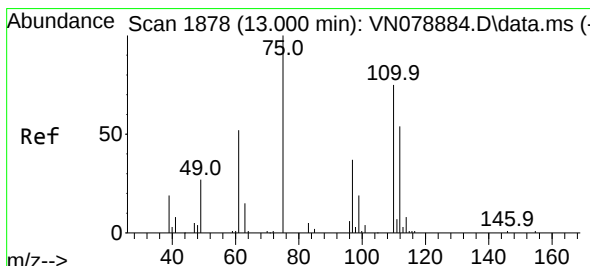
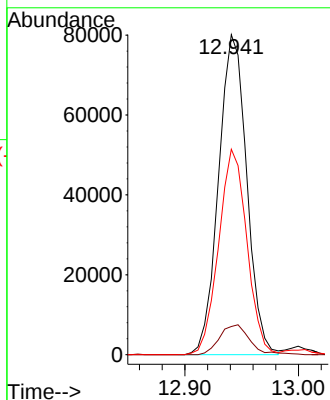
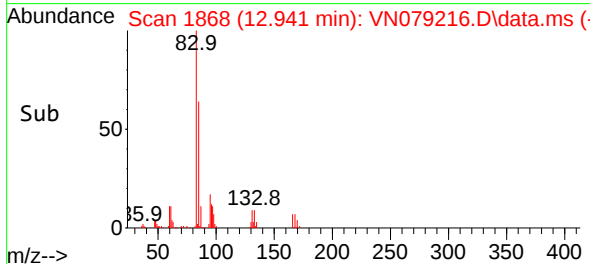
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 13808
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.2 31.9 95.7

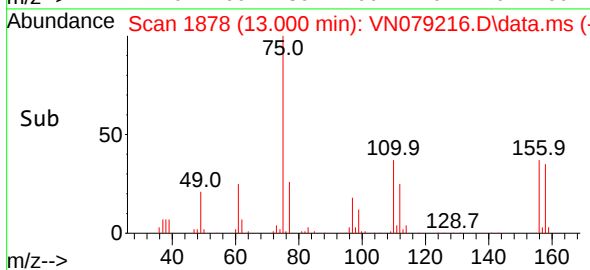
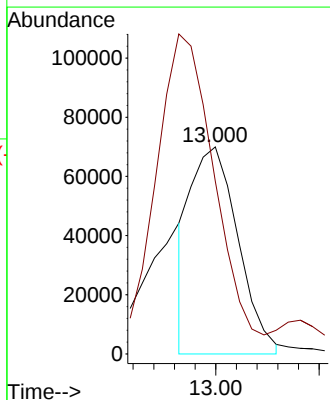
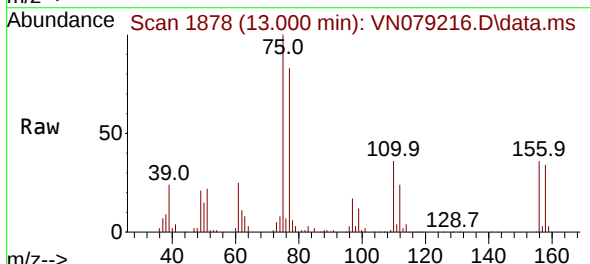
Manual Integrations
APPROVED

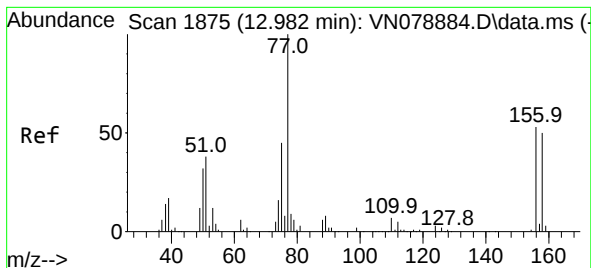
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#76
1,2,3-Trichloropropane
Concen: 43.708 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Tgt Ion: 75 Resp: 111407
Ion Ratio Lower Upper
75 100
77 194.3 84.5 253.5





#77

Bromobenzene

Concen: 44.928 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079216.D

Acq: 11 Sep 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

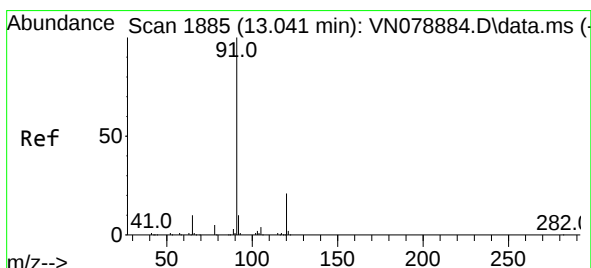
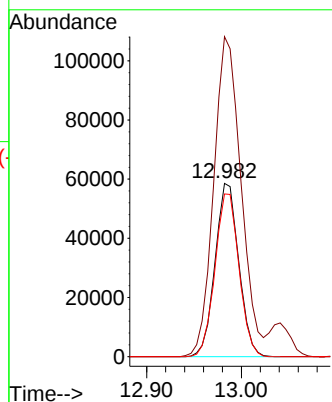
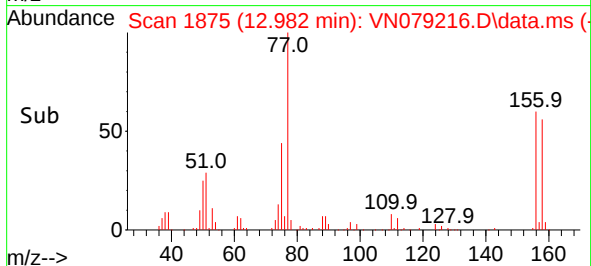
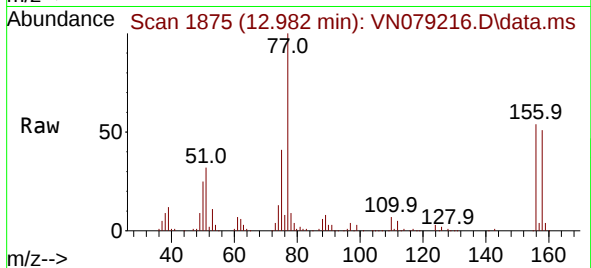
Tgt Ion	Ratio	Lower	Upper
156	100		
77	212.9	107.7	323.3
158	95.2	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#78

n-propylbenzene

Concen: 48.130 ug/l

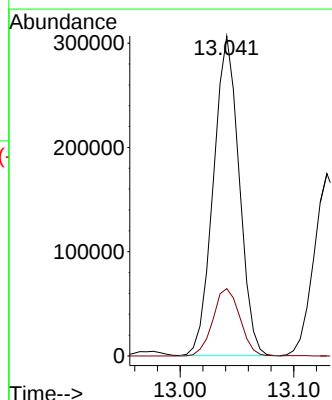
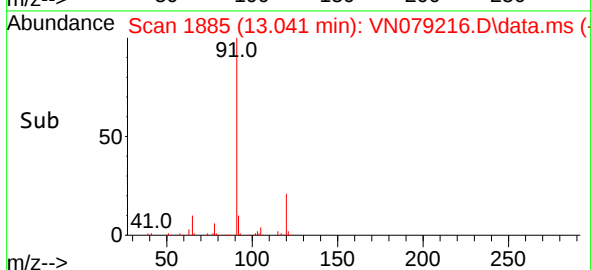
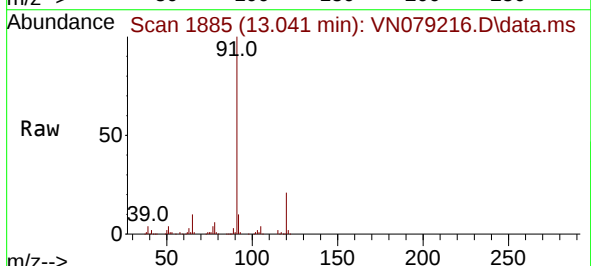
RT: 13.041 min Scan# 1885

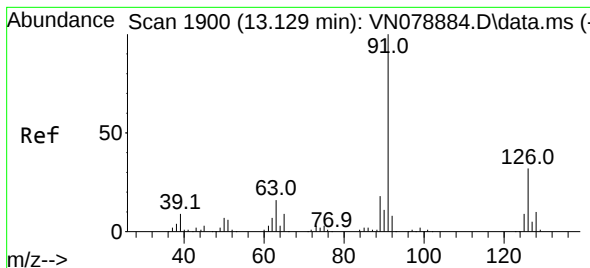
Delta R.T. -0.000 min

Lab File: VN079216.D

Acq: 11 Sep 2023 13:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.5	34.4





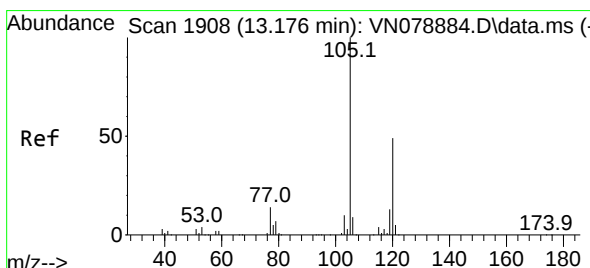
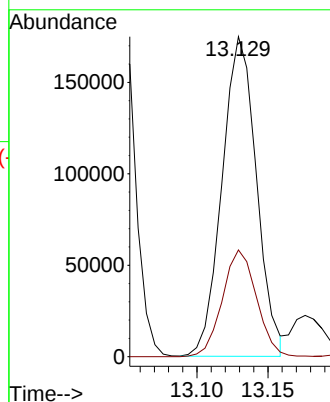
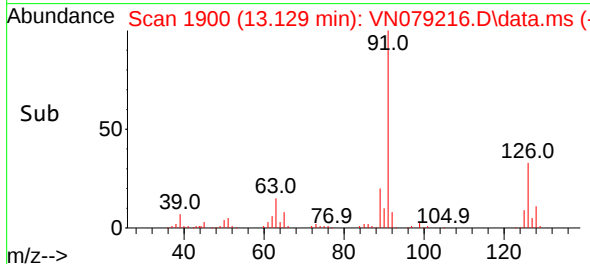
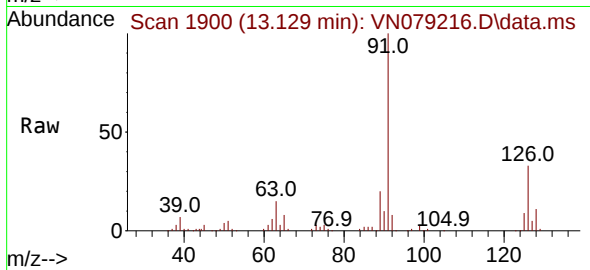
#79
2-Chlorotoluene
Concen: 44.846 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 294539
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

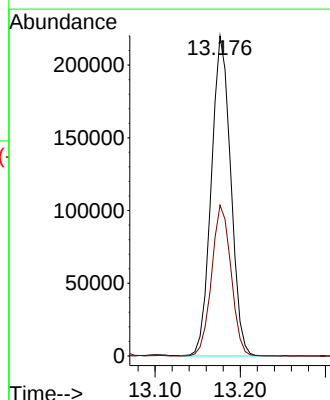
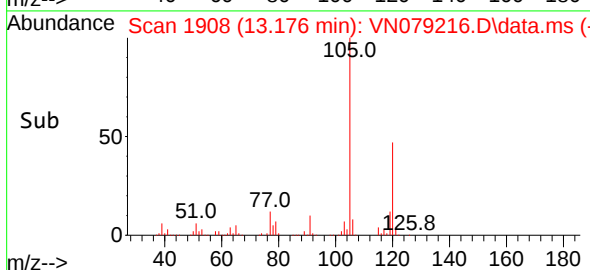
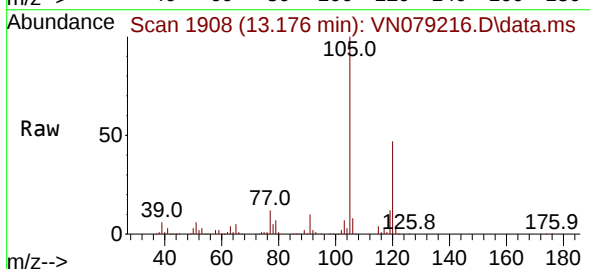
Manual Integrations
APPROVED

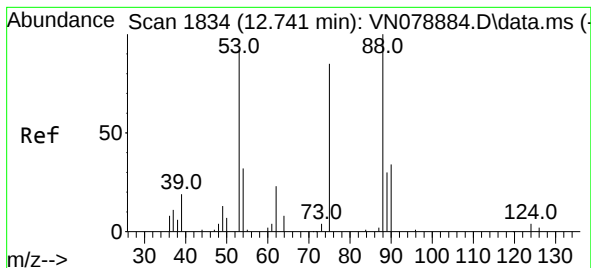
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.802 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

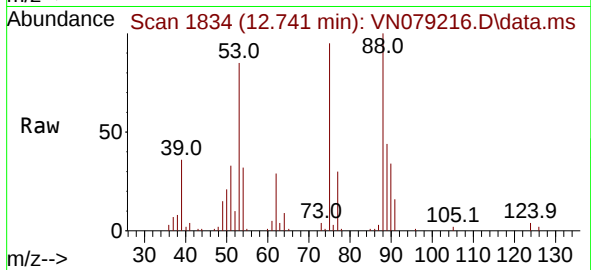
Tgt Ion:105 Resp: 348604
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 46.261 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

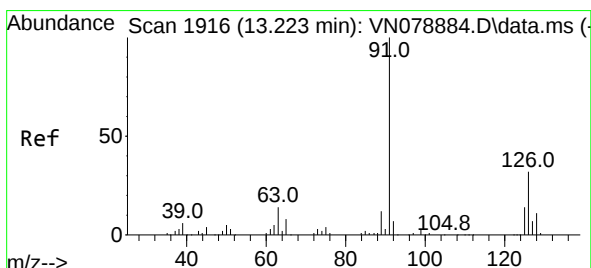
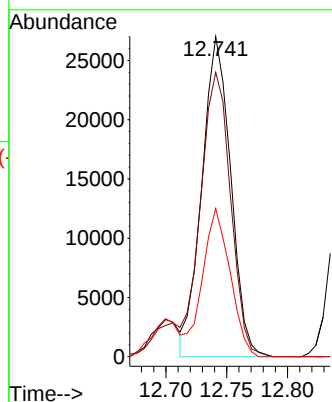
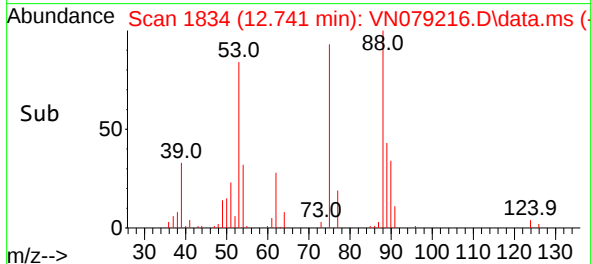
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 44558
Ion Ratio Lower Upper
75 100
53 102.4 67.4 101.2
89 44.8 38.8 58.2

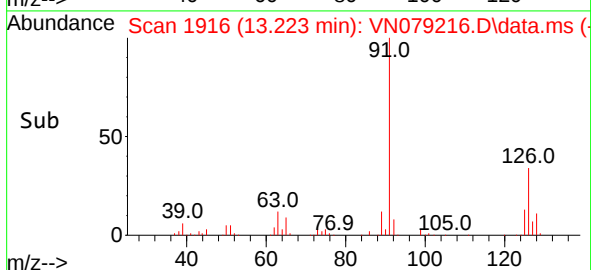
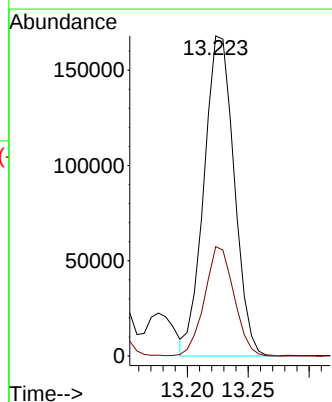
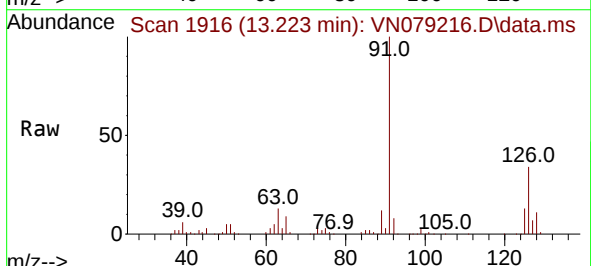
Manual Integrations
APPROVED

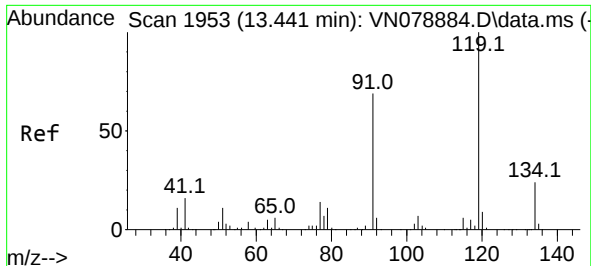
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#82
4-Chlorotoluene
Concen: 47.012 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

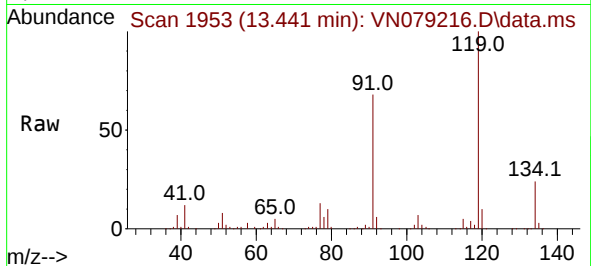
Tgt Ion: 91 Resp: 290132
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 47.573 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

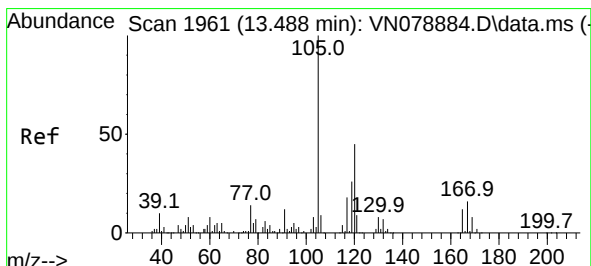
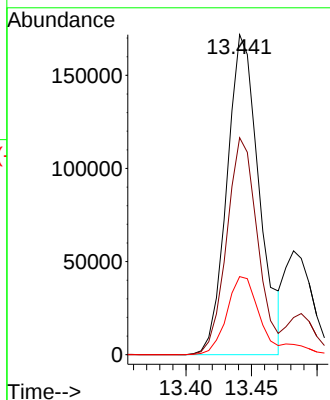
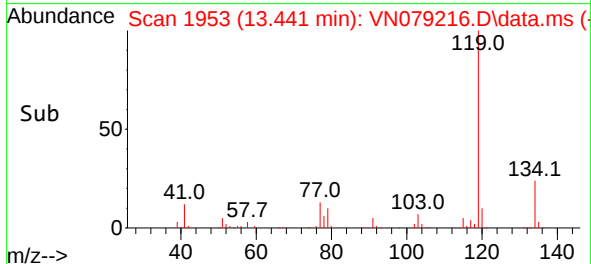
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



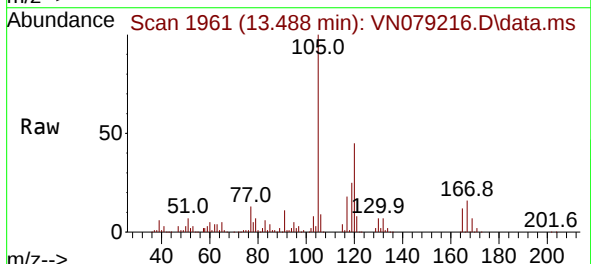
Tgt Ion:119 Resp: 293139
Ion Ratio Lower Upper
119 100
91 65.0 33.9 101.7
134 26.7 13.2 39.6

Manual Integrations
APPROVED

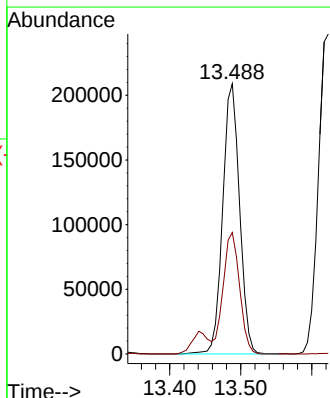
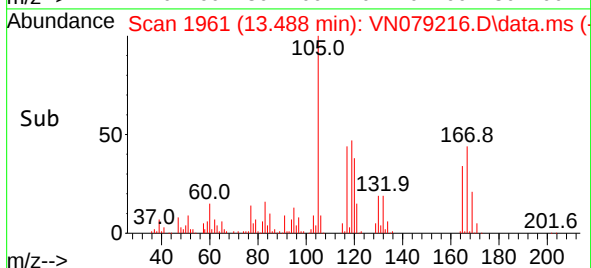
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

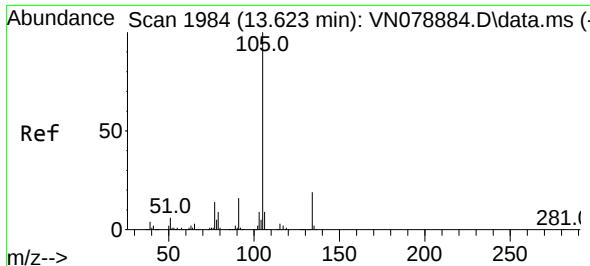


#84
1,2,4-Trimethylbenzene
Concen: 48.425 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55



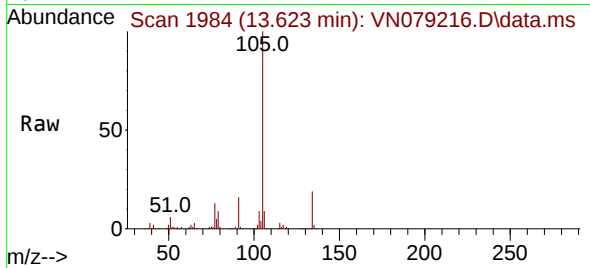
Tgt Ion:105 Resp: 343509
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 47.530 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079216.D
 Acq: 11 Sep 2023 13:55

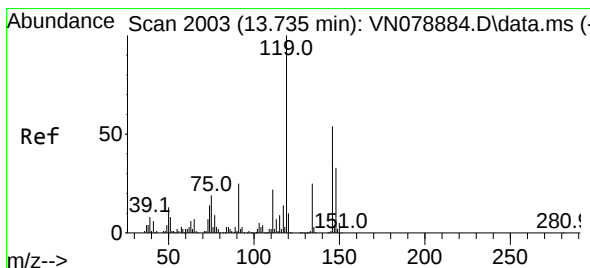
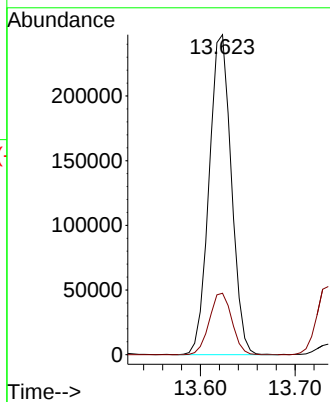
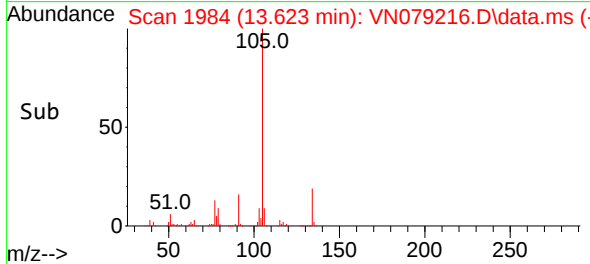
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



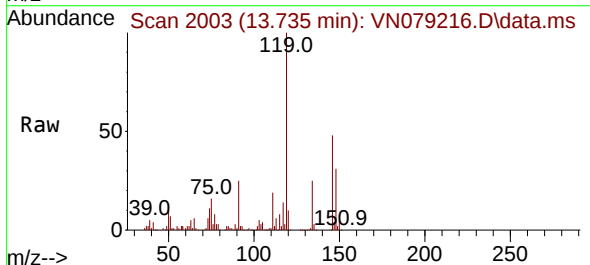
Tgt Ion:105 Resp: 403200
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
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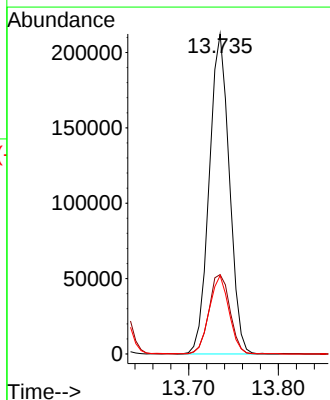
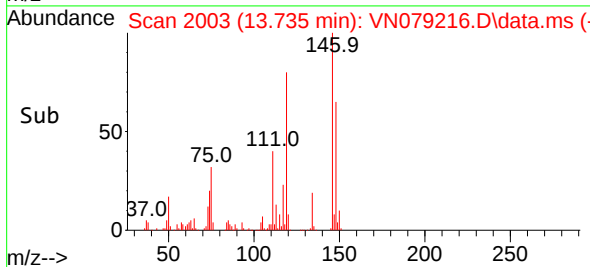
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#86
 p-Isopropyltoluene
 Concen: 48.655 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079216.D
 Acq: 11 Sep 2023 13:55



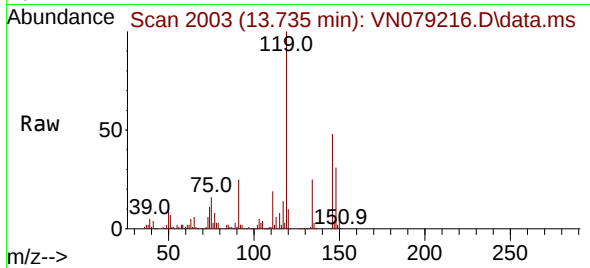
Tgt Ion:119 Resp: 329754
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 23.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 46.606 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

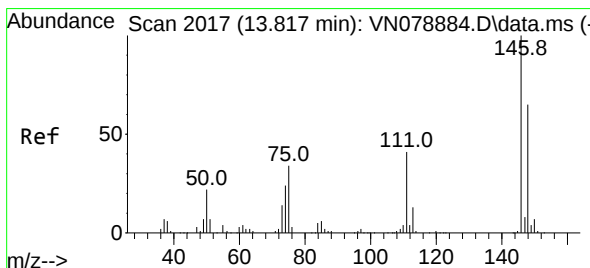
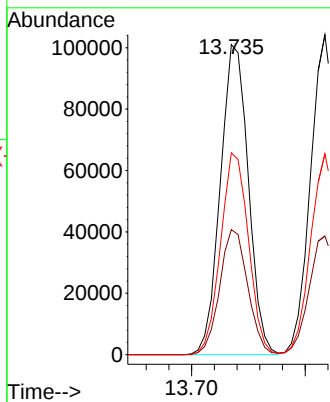
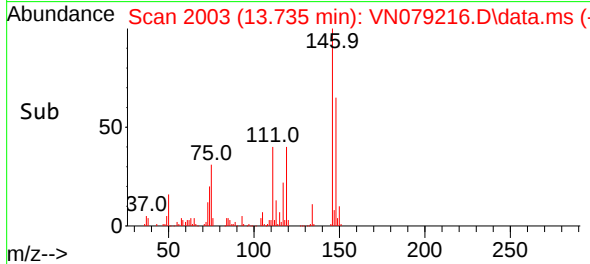
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



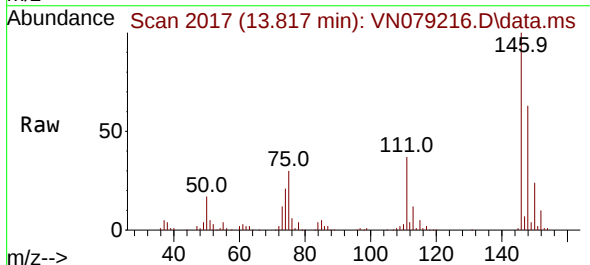
Tgt Ion:146 Resp: 17302
Ion Ratio Lower Upper
146 100
111 40.4 22.1 66.3
148 64.8 32.0 96.0

Manual Integrations
APPROVED

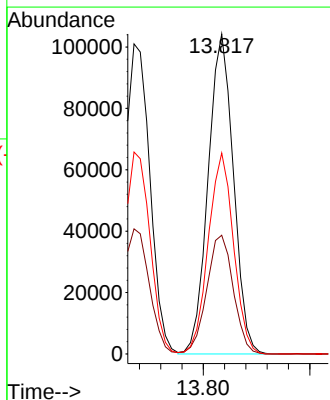
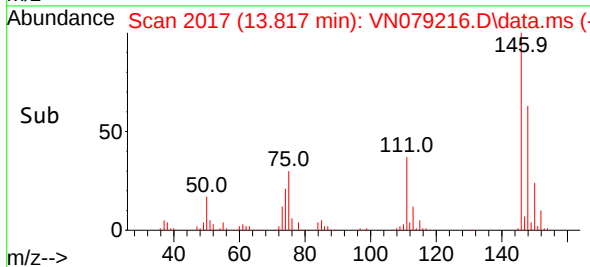
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

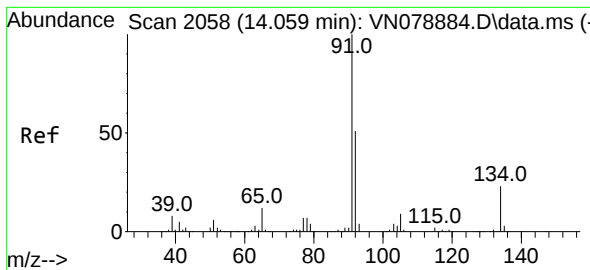


#88
1,4-Dichlorobenzene
Concen: 45.870 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55



Tgt Ion:146 Resp: 172079
Ion Ratio Lower Upper
146 100
111 38.9 20.6 61.8
148 62.7 31.6 94.8





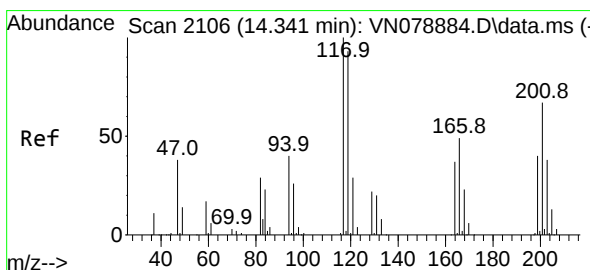
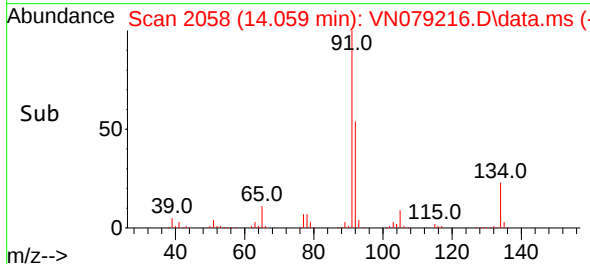
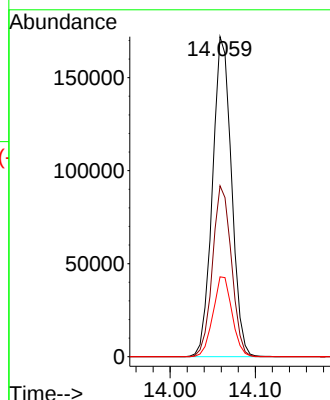
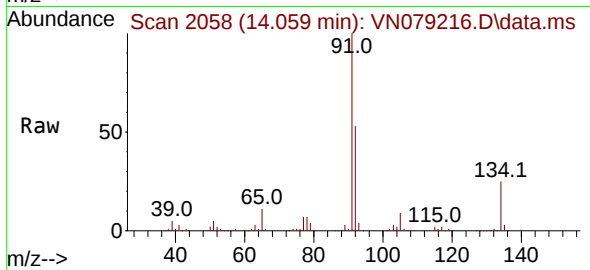
#89
n-Butylbenzene
Concen: 50.054 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 26676
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 25.0 12.6 37.6

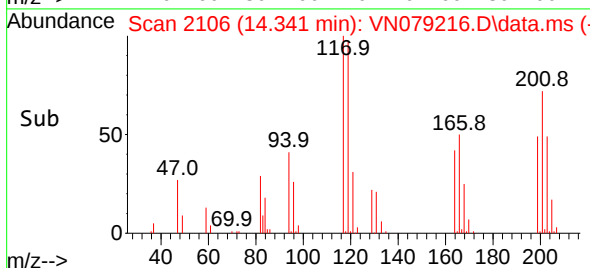
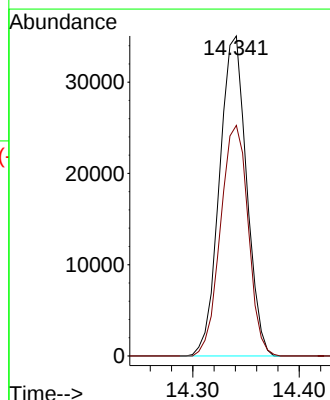
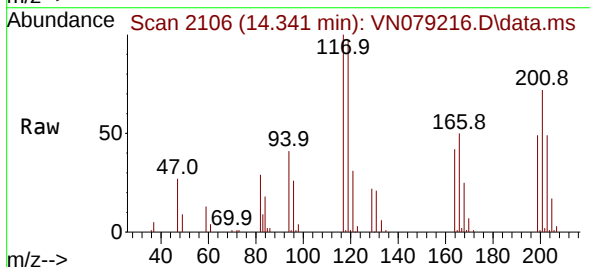
Manual Integrations
APPROVED

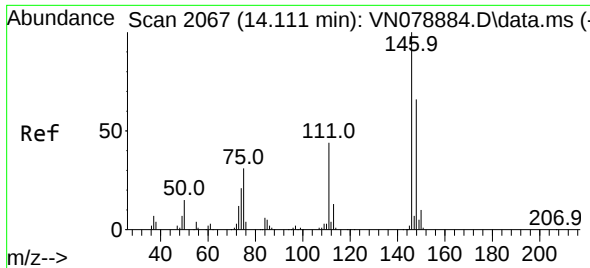
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#90
Hexachloroethane
Concen: 44.957 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

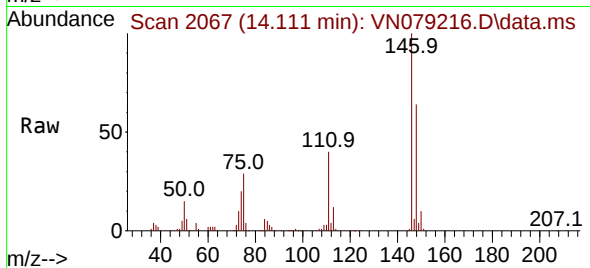
Tgt Ion:117 Resp: 61874
Ion Ratio Lower Upper
117 100
201 73.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 46.003 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

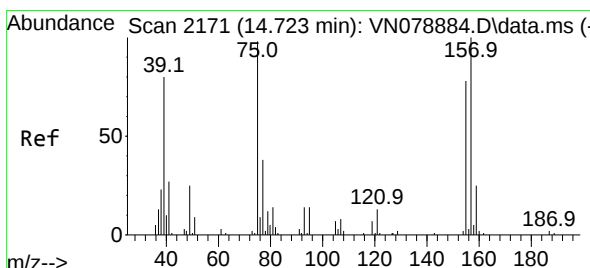
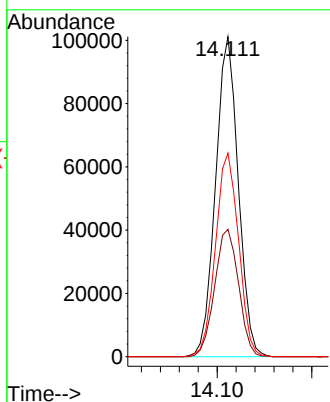
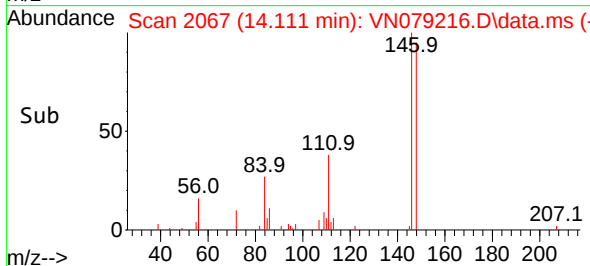
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 168600
Ion Ratio Lower Upper
146 100
111 41.8 22.0 66.0
148 64.6 31.8 95.3

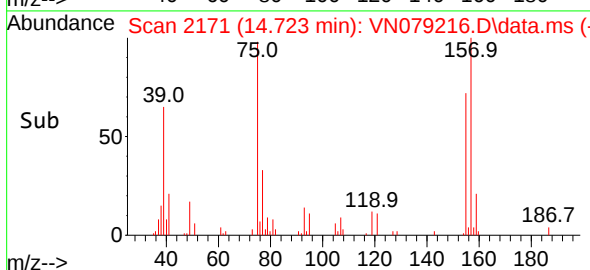
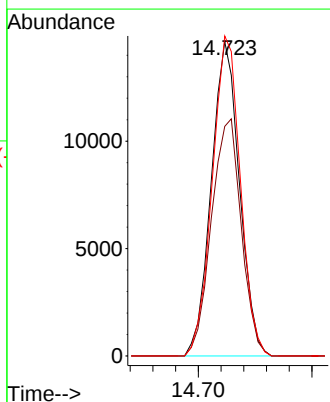
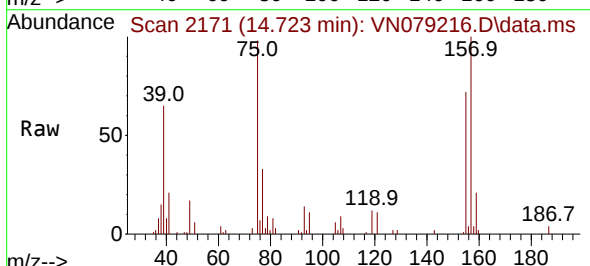
Manual Integrations
APPROVED

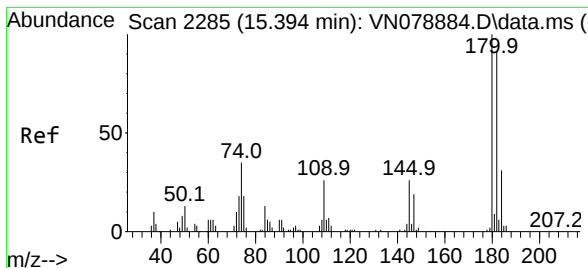
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.054 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

Tgt Ion: 75 Resp: 25205
Ion Ratio Lower Upper
75 100
155 79.9 39.1 117.2
157 101.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 56.073 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079216.D

Acq: 11 Sep 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

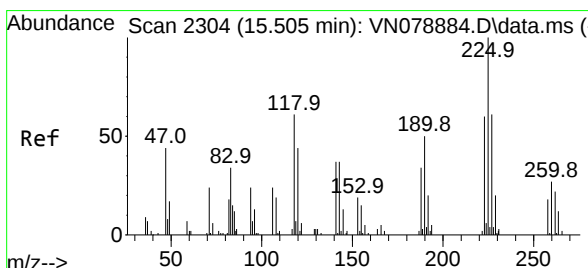
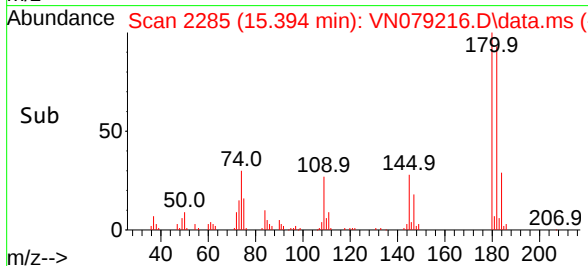
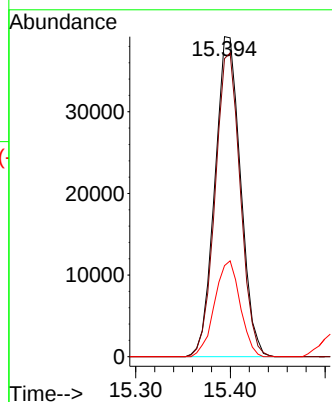
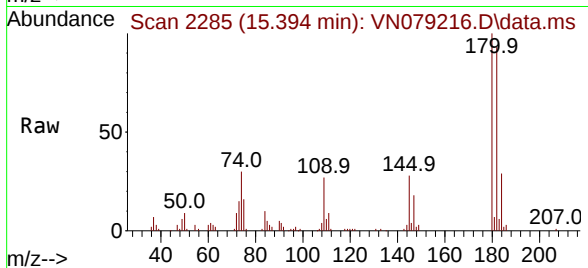
Tgt Ion:	180	Resp:	7385
Ion Ratio	Lower	Upper	
180	100		
182	92.8	46.1	138.2
145	29.7	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#94

Hexachlorobutadiene

Concen: 41.492 ug/l

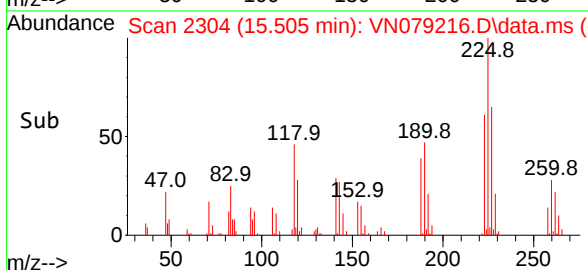
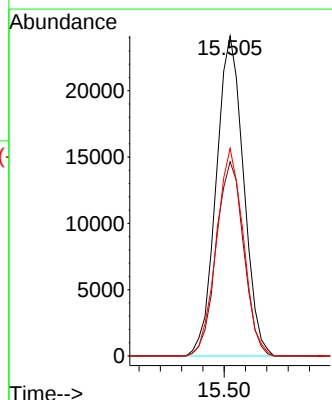
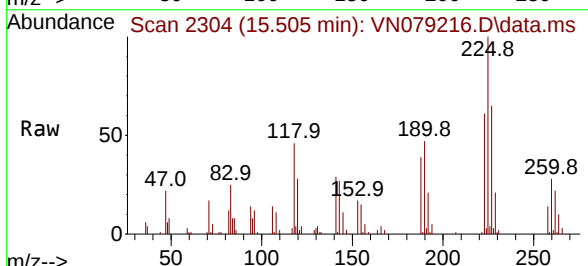
RT: 15.505 min Scan# 2304

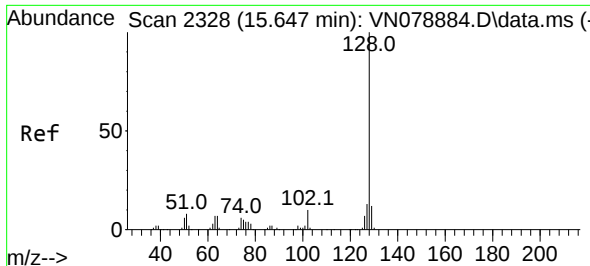
Delta R.T. -0.001 min

Lab File: VN079216.D

Acq: 11 Sep 2023 13:55

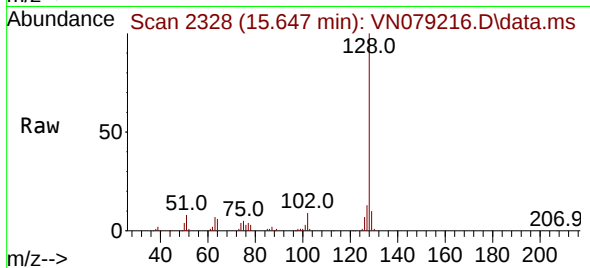
Tgt Ion:	225	Resp:	42988
Ion Ratio	Lower	Upper	
225	100		
223	61.1	31.3	93.8
227	63.9	31.9	95.9





#95
Naphthalene
Concen: 53.996 ug/l
RT: 15.647 min Scan# 21121
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55

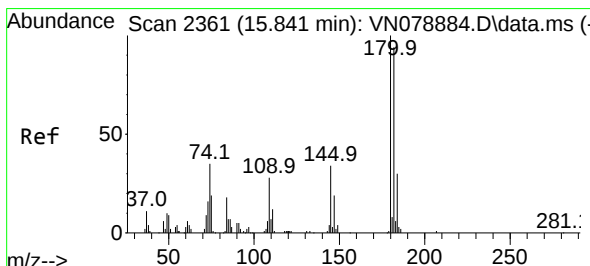
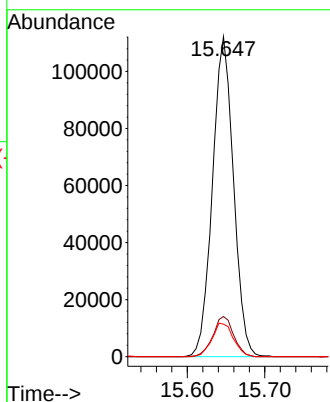
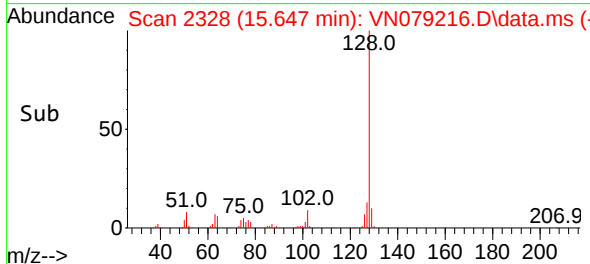
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



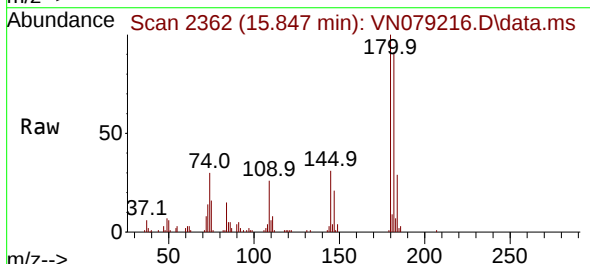
Tgt Ion:128 Resp: 21121
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.292 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079216.D
Acq: 11 Sep 2023 13:55



Tgt Ion:180 Resp: 76579
Ion Ratio Lower Upper
180 100
182 93.5 46.2 138.6
145 32.0 17.5 52.6

