

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079215.D
 Acq On : 11 Sep 2023 13:31
 Operator : JC\MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Quant Time: Sep 12 02:32:47 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	141088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	232001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	212678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	147094	77.233	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 154.460%#			
35) Dibromofluoromethane	8.171	113	120433	78.040	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 156.080%#			
50) Toluene-d8	10.571	98	455883	80.452	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 160.900%#			
62) 4-Bromofluorobenzene	12.853	95	159708	88.359	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 176.720%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	106560	76.332	ug/l	100
3) Chloromethane	2.365	50	128727	70.244	ug/l	99
4) Vinyl Chloride	2.512	62	150165	75.204	ug/l	100
5) Bromomethane	2.930	94	70839	61.719	ug/l	100
6) Chloroethane	3.106	64	95663	75.390	ug/l	99
7) Trichlorofluoromethane	3.489	101	210910	72.132	ug/l	96
8) Diethyl Ether	3.959	74	78685	77.532	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.365	101	113103	72.735	ug/l	96
10) Methyl Iodide	4.589	142	112549	88.482	ug/l	98
11) Tert butyl alcohol	5.530	59	116282	330.702	ug/l	99
12) 1,1-Dichloroethene	4.336	96	112741	74.922	ug/l	90
13) Acrolein	4.177	56	123382	367.855	ug/l	98
14) Allyl chloride	5.030	41	170431	71.000	ug/l	96
15) Acrylonitrile	5.724	53	337671	370.358	ug/l	99
16) Acetone	4.430	43	317286	392.256	ug/l	97
17) Carbon Disulfide	4.712	76	325446	69.199	ug/l	99
18) Methyl Acetate	5.024	43	241125	72.532	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	398750	77.266	ug/l	95
20) Methylene Chloride	5.277	84	134444	68.301	ug/l	89
21) trans-1,2-Dichloroethene	5.788	96	127025	72.769	ug/l #	82
22) Diisopropyl ether	6.677	45	414434	78.687	ug/l #	90
23) Vinyl Acetate	6.612	43	1294083	371.941	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	237910	73.275	ug/l	99
25) 2-Butanone	7.488	43	460034	391.980	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	204265	74.362	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	149112	74.706	ug/l	90
28) Bromochloromethane	7.818	49	120253	81.917	ug/l	84
29) Tetrahydrofuran	7.841	42	289587	387.737	ug/l #	80
30) Chloroform	7.971	83	246478	72.913	ug/l	93
31) Cyclohexane	8.265	56	192469	69.211	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	216383	75.092	ug/l	97
36) 1,1-Dichloropropene	8.377	75	183680	77.219	ug/l	97
37) Ethyl Acetate	7.565	43	180170	76.990	ug/l #	92
38) Carbon Tetrachloride	8.365	117	189440	76.959	ug/l	98
39) Methylcyclohexane	9.606	83	189775	80.881	ug/l	90
40) Benzene	8.612	78	552521	75.877	ug/l	100

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 Supervised By : Mahesh Dadoda 09/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	98319	80.193	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	188975	75.384	ug/l	99
43) Isopropyl Acetate	8.694	43	294043	75.955	ug/l #	93
44) Trichloroethene	9.359	130	134606	75.039	ug/l	98
45) 1,2-Dichloropropane	9.624	63	136670	75.627	ug/l	99
46) Dibromomethane	9.712	93	93645	76.333	ug/l	91
47) Bromodichloromethane	9.894	83	192047	76.429	ug/l	97
48) Methyl methacrylate	9.682	41	139525	80.463	ug/l #	80
49) 1,4-Dioxane	9.700	88	54469	1527.207	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	882372	392.645	ug/l	94
52) Toluene	10.635	92	341525	76.318	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	212422	80.173	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	227840	80.400	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	132004	75.176	ug/l	95
56) Ethyl methacrylate	10.876	69	212054	85.550	ug/l #	88
57) 1,3-Dichloropropane	11.170	76	228284	75.206	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	416758	377.589	ug/l	92
59) 2-Hexanone	11.200	43	658352	404.478	ug/l	93
60) Dibromochloromethane	11.365	129	144926	77.551	ug/l	99
61) 1,2-Dibromoethane	11.476	107	136843	78.091	ug/l	97
64) Tetrachloroethene	11.112	164	109685	70.729	ug/l	94
65) Chlorobenzene	11.894	112	349603	72.562	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	133630	73.965	ug/l	97
67) Ethyl Benzene	11.970	91	647876	78.616	ug/l	99
68) m/p-Xylenes	12.076	106	491218	159.916	ug/l	96
69) o-Xylene	12.406	106	239795	81.397	ug/l	95
70) Styrene	12.417	104	406309	85.754	ug/l	99
71) Bromoform	12.582	173	105579	79.159	ug/l #	100
73) Isopropylbenzene	12.700	105	602876	69.518	ug/l	100
74) N-amyl acetate	12.500	43	248193	75.435	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	196167	60.745	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	156355m	63.231	ug/l	
77) Bromobenzene	12.982	156	147149	67.011	ug/l	100
78) n-propylbenzene	13.041	91	721077	74.018	ug/l	98
79) 2-Chlorotoluene	13.129	91	427198	67.046	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	511643	70.805	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	73034	78.159	ug/l	95
82) 4-Chlorotoluene	13.223	91	429349	71.712	ug/l	99
83) tert-Butylbenzene	13.441	119	431543	72.190	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	503711	73.194	ug/l	99
85) sec-Butylbenzene	13.623	105	594584	72.248	ug/l	99
86) p-Isopropyltoluene	13.735	119	494627	75.229	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	259315	71.998	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	253427	69.634	ug/l	98
89) n-Butylbenzene	14.059	91	401664	77.686	ug/l	99
90) Hexachloroethane	14.341	117	90707	67.935	ug/l	79
91) 1,2-Dichlorobenzene	14.111	146	249652	70.215	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36126	70.995	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	110568	86.536	ug/l	96
94) Hexachlorobutadiene	15.506	225	61989	61.674	ug/l	98
95) Naphthalene	15.647	128	333606	87.909	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	112713	74.784	ug/l	96

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VSTDICC075

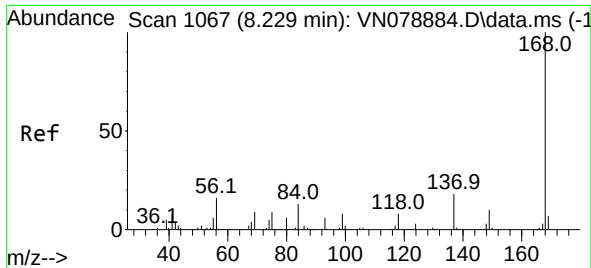
Manual Integrations
APPROVED

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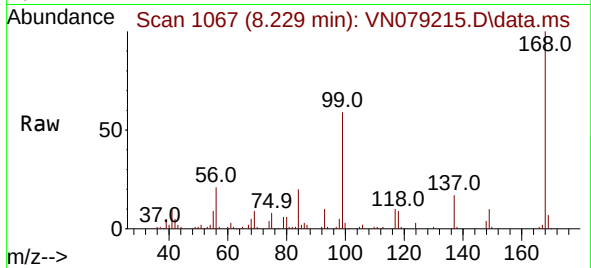
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
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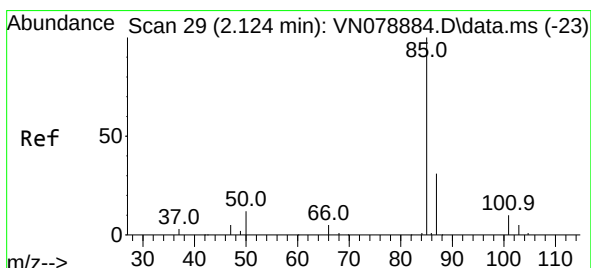
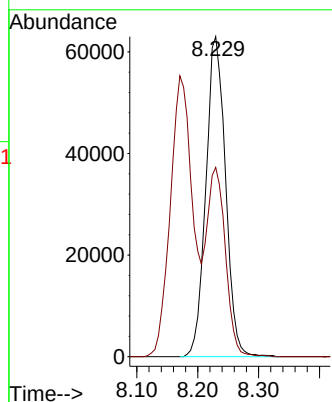
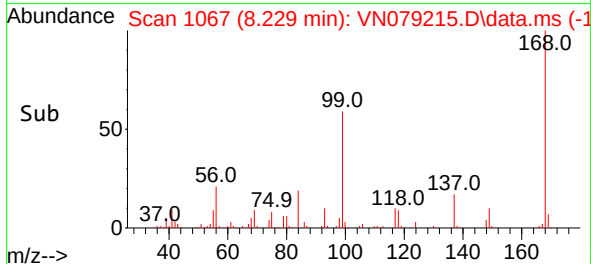
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:168 Resp: 141088
Ion Ratio Lower Upper
168 100
99 59.1 53.0 79.6

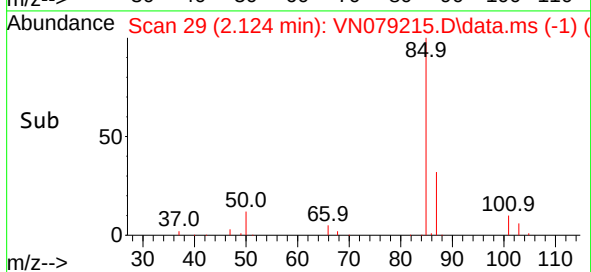
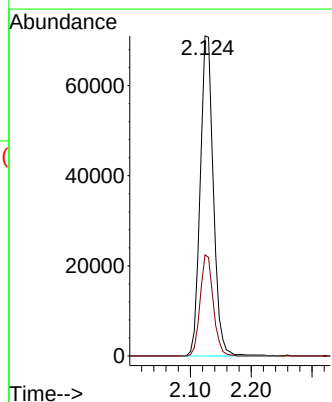
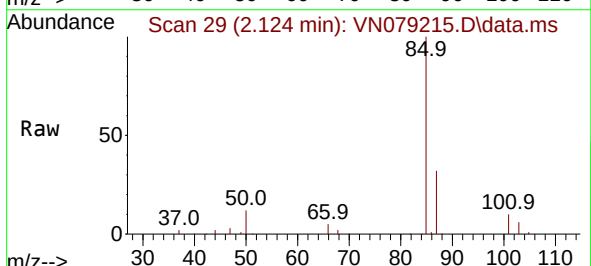
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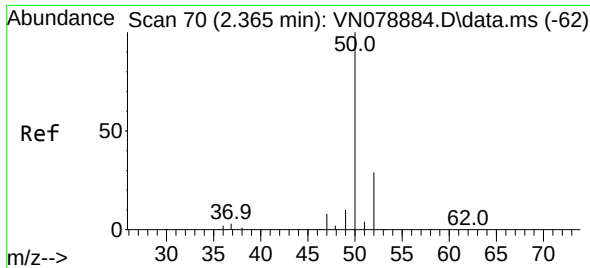
Reviewed By :John Carlone 09/12/2023
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#2
Dichlorodifluoromethane
Concen: 76.332 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Tgt Ion: 85 Resp: 106560
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4





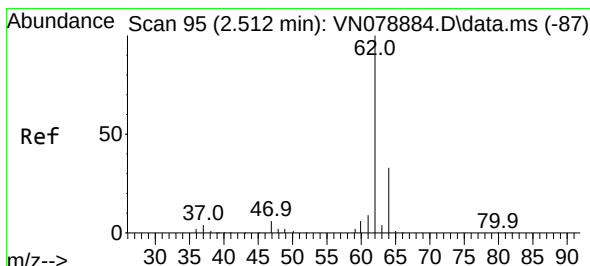
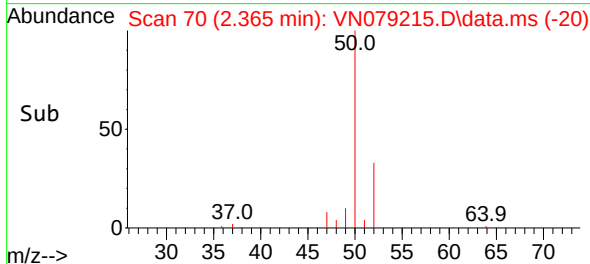
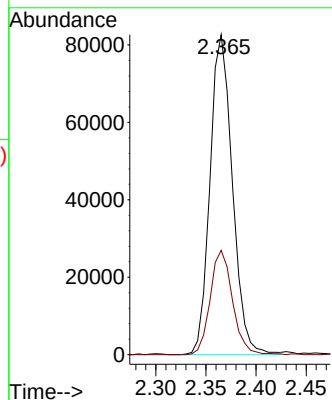
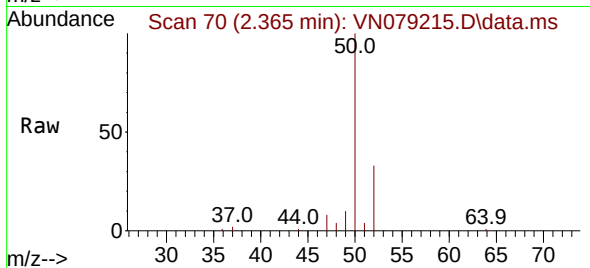
#3
Chloromethane
Concen: 70.244 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079215.D
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Tgt Ion: 50 Resp: 12872
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7

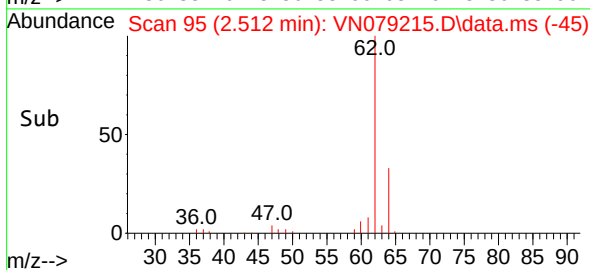
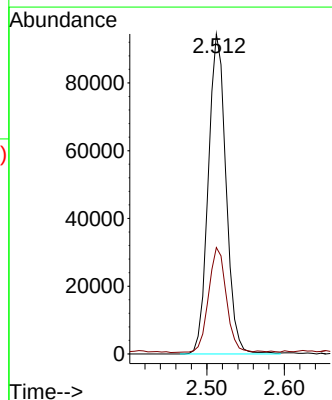
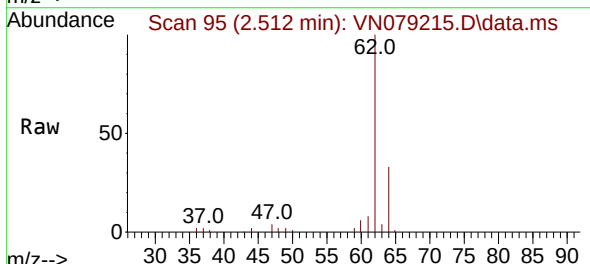
Manual Integrations
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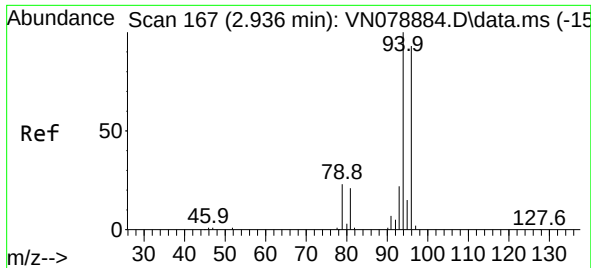
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#4
Vinyl Chloride
Concen: 75.204 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Tgt Ion: 62 Resp: 150165
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2





#5

Bromomethane

Concen: 61.719 ug/l

RT: 2.930 min Scan# 1

Delta R.T. -0.018 min

Lab File: VN079215.D

Acq: 11 Sep 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 94 Resp: 70839

Ion Ratio Lower Upper

94 100

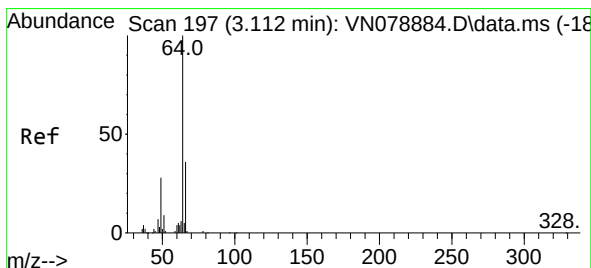
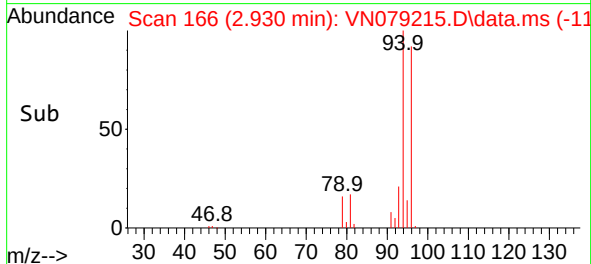
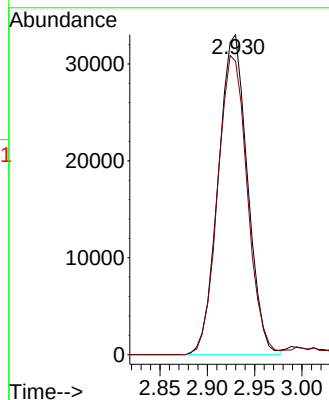
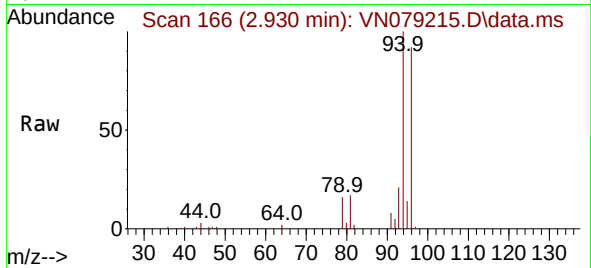
96 91.7 73.1 109.7

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 09/12/2023



#6

Chloroethane

Concen: 75.390 ug/l

RT: 3.106 min Scan# 196

Delta R.T. -0.012 min

Lab File: VN079215.D

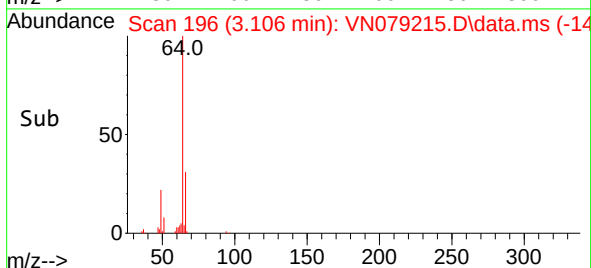
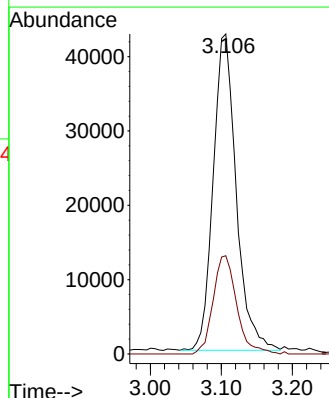
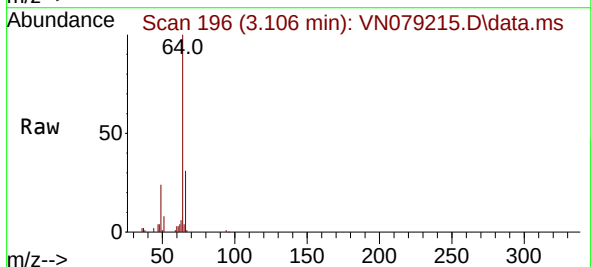
Acq: 11 Sep 2023 13:31

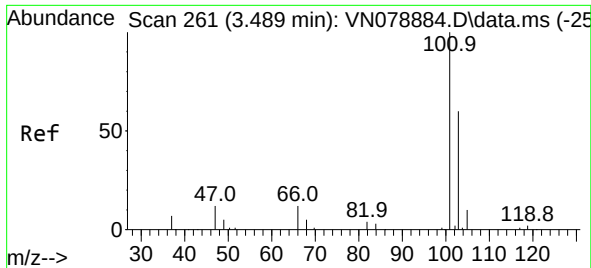
Tgt Ion: 64 Resp: 95663

Ion Ratio Lower Upper

64 100

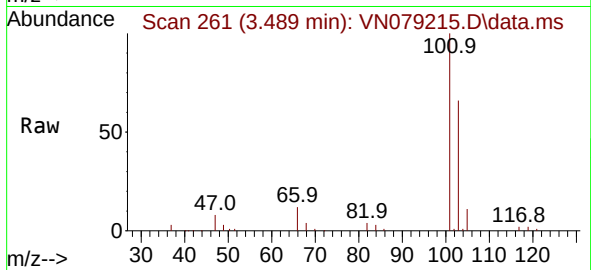
66 31.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 72.132 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.012 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

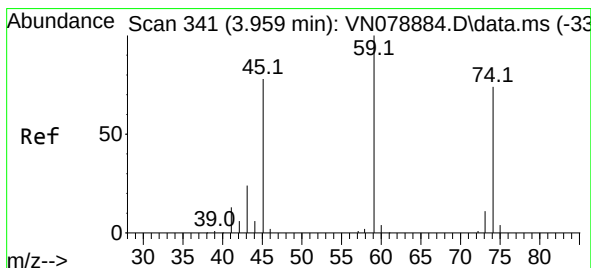
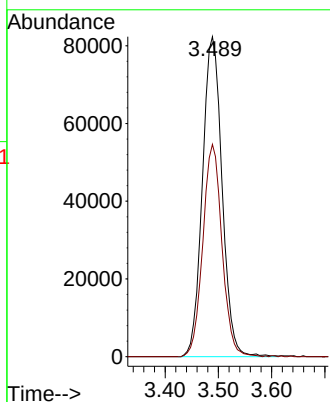
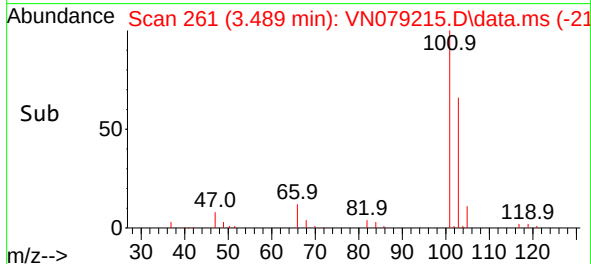
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:101 Resp: 210910
Ion Ratio Lower Upper
101 100
103 66.3 50.7 76.1

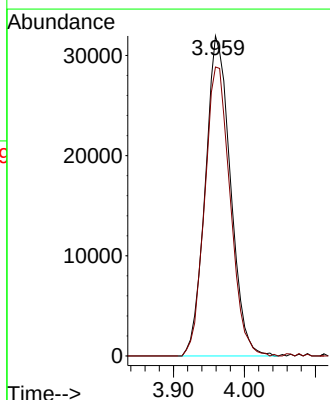
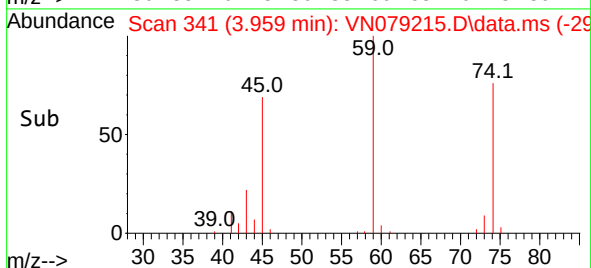
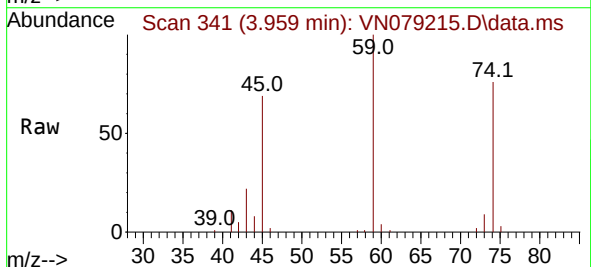
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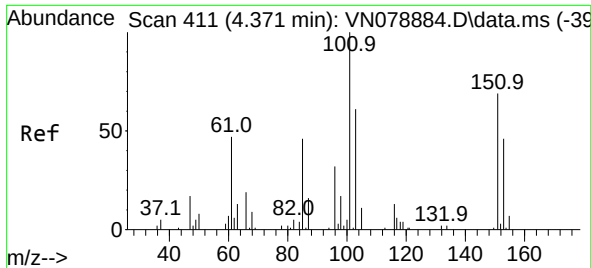
Reviewed By :John Carlone 09/12/2023
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#8
Diethyl Ether
Concen: 77.532 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 78685
Ion Ratio Lower Upper
74 100
45 91.6 34.4 103.3





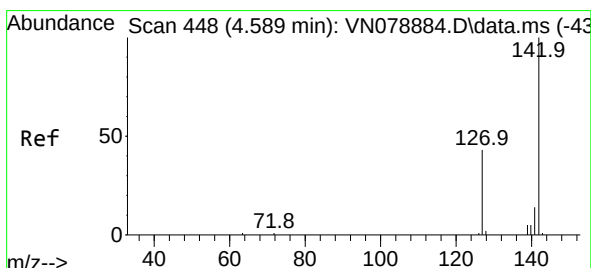
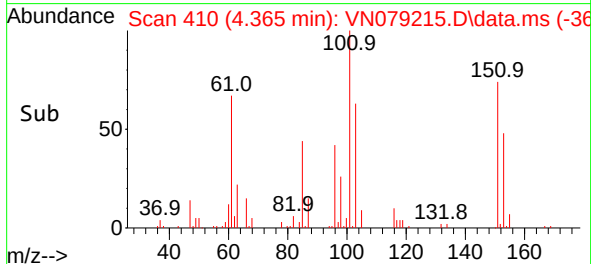
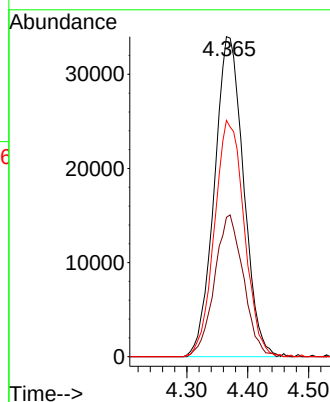
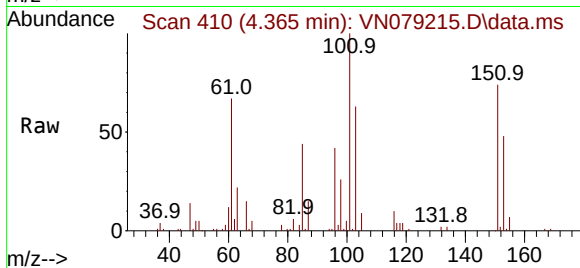
#9
1,1,2-Trichlorotrifluoroethane
Concen: 72.735 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 11310
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 75.4 57.6 86.4

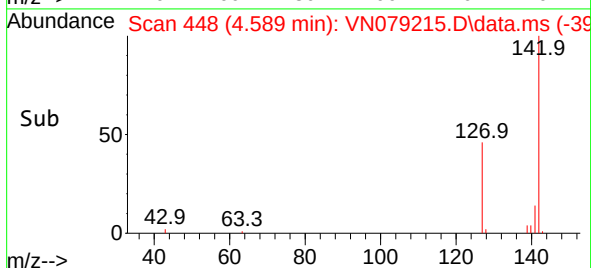
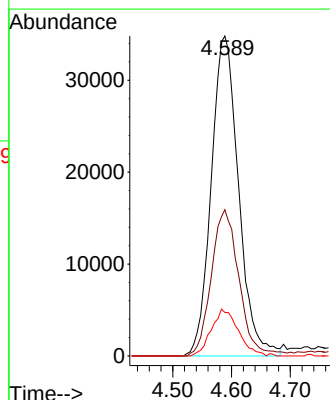
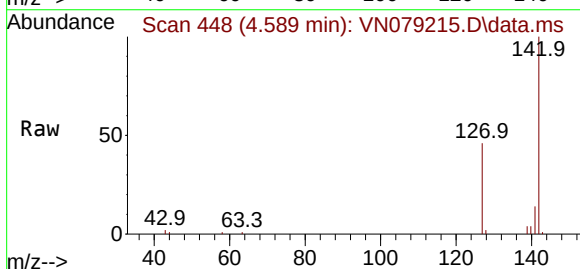
Manual Integrations
APPROVED

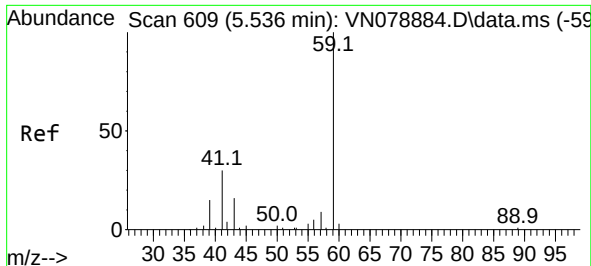
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#10
Methyl Iodide
Concen: 88.482 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

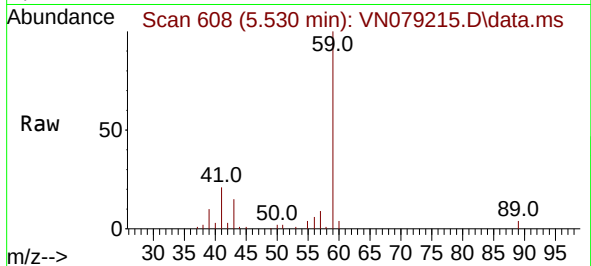
Tgt Ion:142 Resp: 112549
Ion Ratio Lower Upper
142 100
127 45.7 37.6 56.4
141 13.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 330.702 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

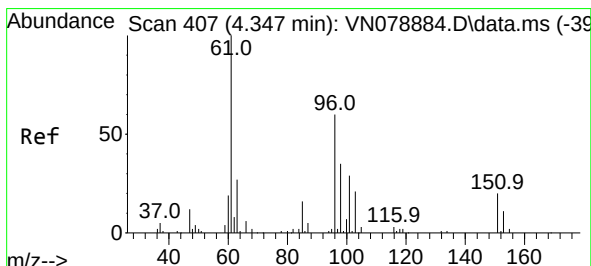
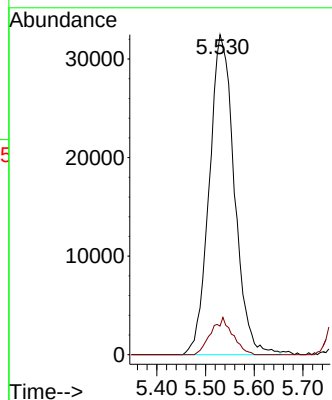
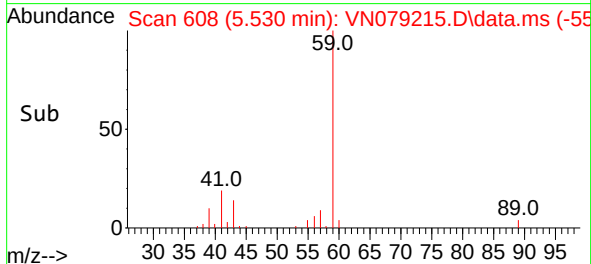
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



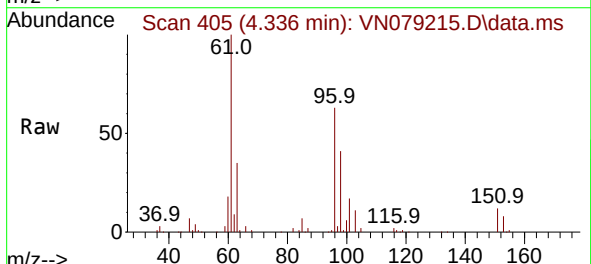
Tgt Ion: 59 Resp: 11628
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

Manual Integrations
APPROVED

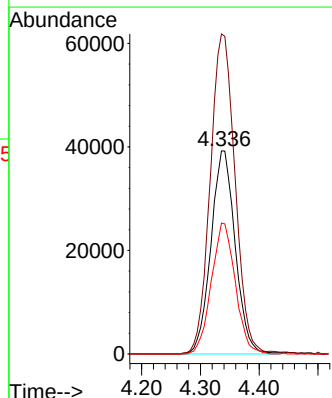
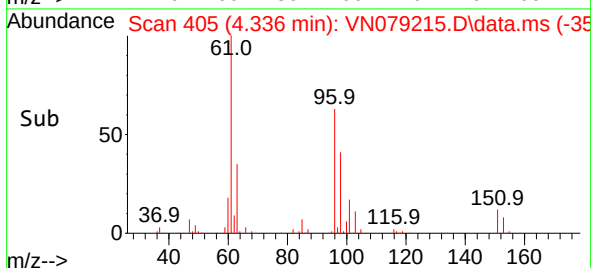
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

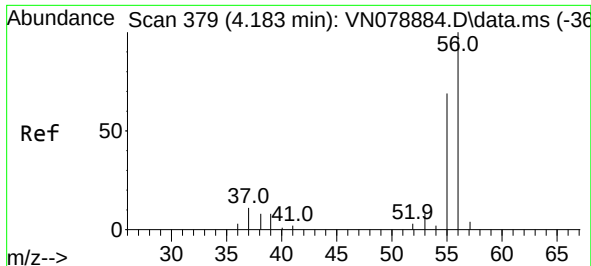


#12
1,1-Dichloroethene
Concen: 74.922 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31



Tgt Ion: 96 Resp: 112741
Ion Ratio Lower Upper
96 100
61 157.6 112.7 169.1
98 64.5 51.2 76.8





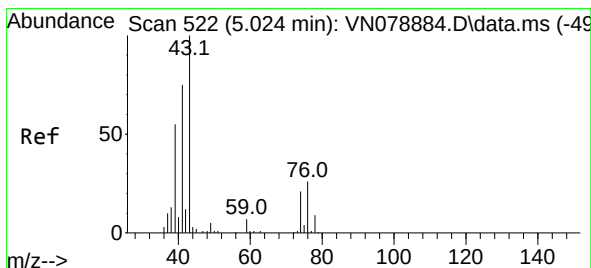
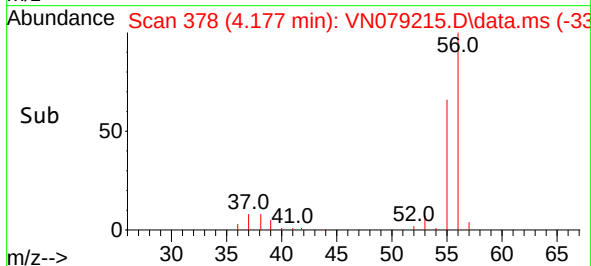
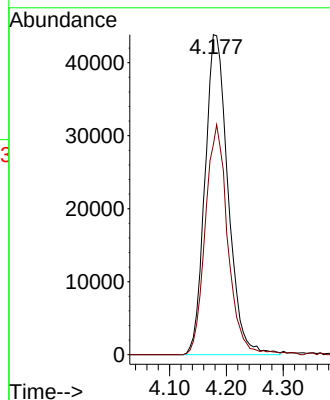
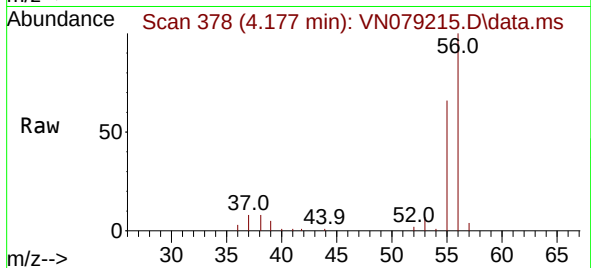
#13
Acrolein
Concen: 367.855 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 56 Resp: 12338
Ion Ratio Lower Upper
56 100
55 70.0 54.5 81.7

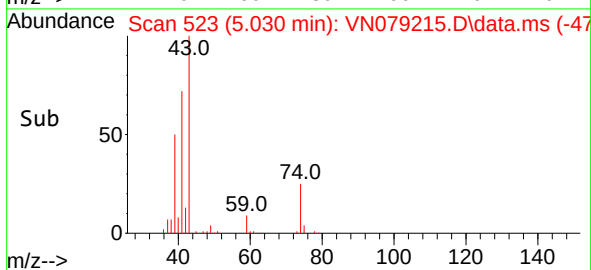
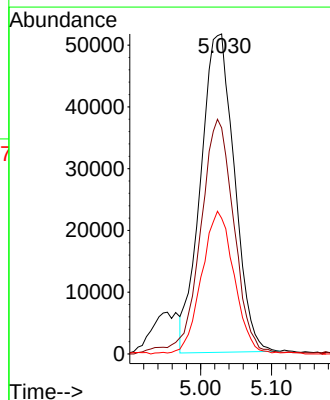
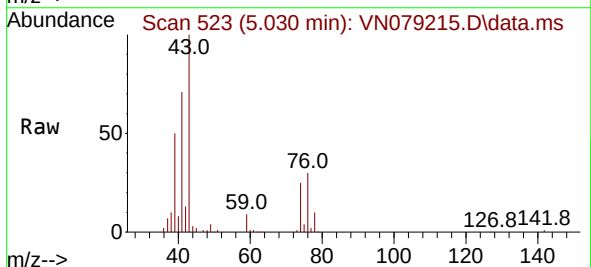
Manual Integrations
APPROVED

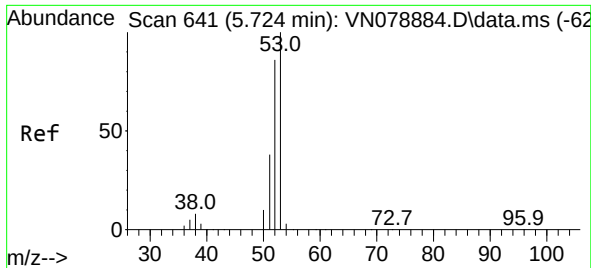
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#14
Allyl chloride
Concen: 71.000 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

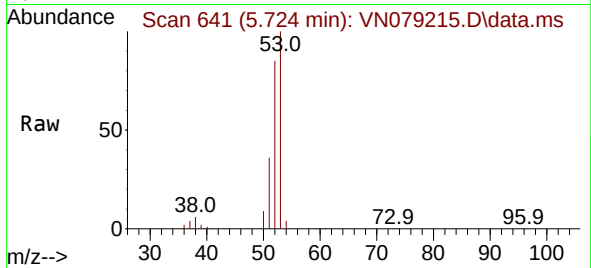
Tgt Ion: 41 Resp: 170431
Ion Ratio Lower Upper
41 100
39 73.9 58.8 88.2
76 43.2 39.1 58.7





#15
Acrylonitrile
Concen: 370.358 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

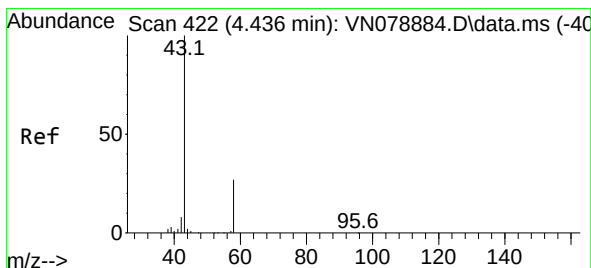
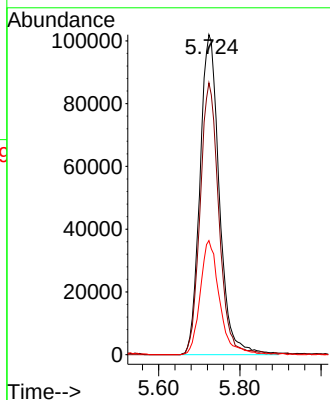
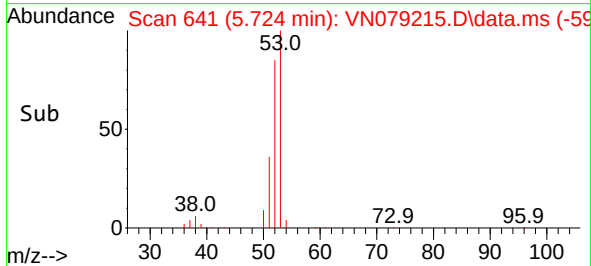
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 53 Resp: 33767
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 35.7 28.9 43.3

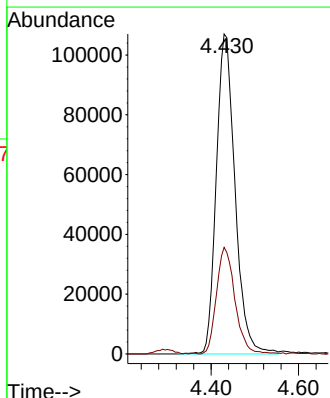
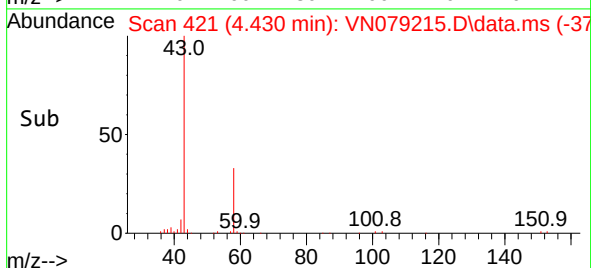
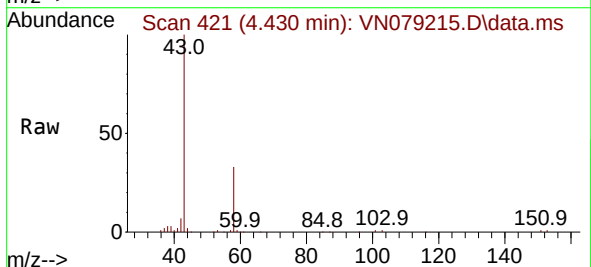
Manual Integrations
APPROVED

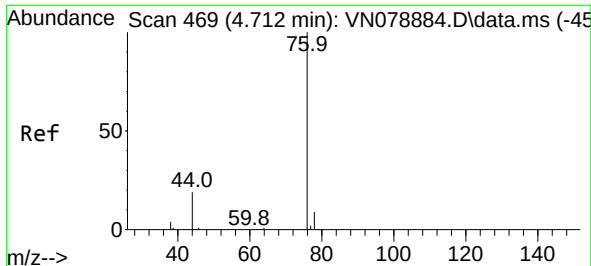
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#16
Acetone
Concen: 392.256 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

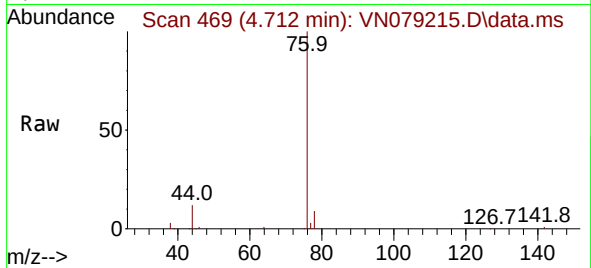
Tgt Ion: 43 Resp: 317286
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0





#17
Carbon Disulfide
Concen: 69.199 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

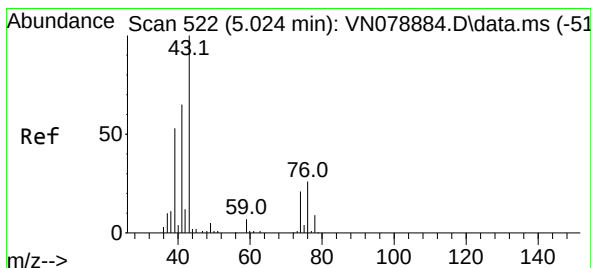
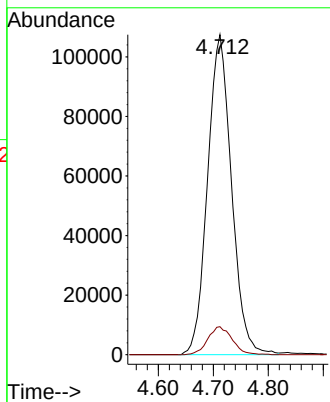
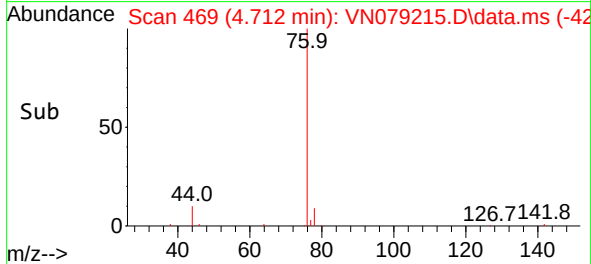
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 76 Resp: 325440
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

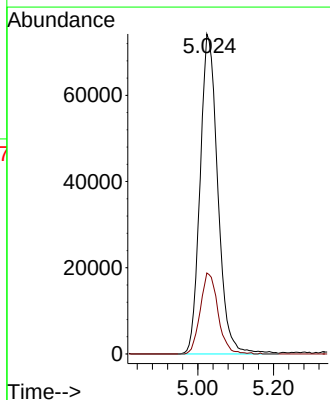
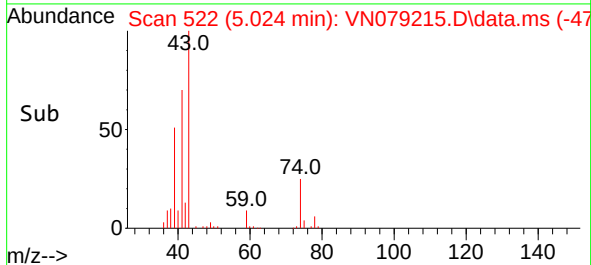
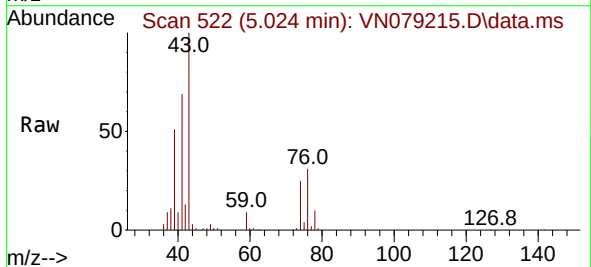
Manual Integrations
APPROVED

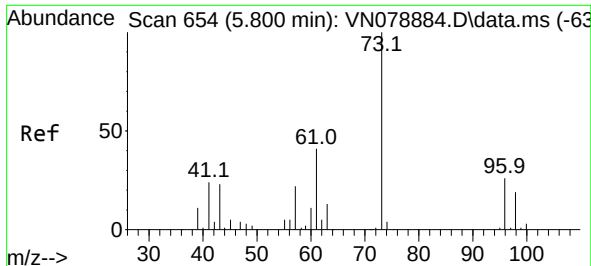
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#18
Methyl Acetate
Concen: 72.532 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Tgt Ion: 43 Resp: 241125
Ion Ratio Lower Upper
43 100
74 25.3 26.2 39.4#





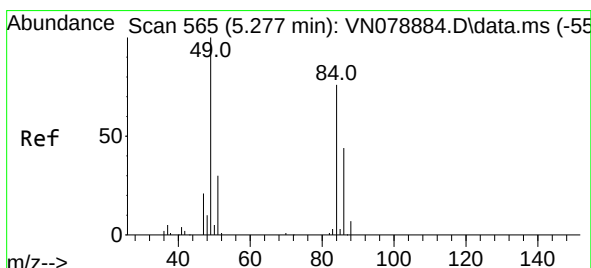
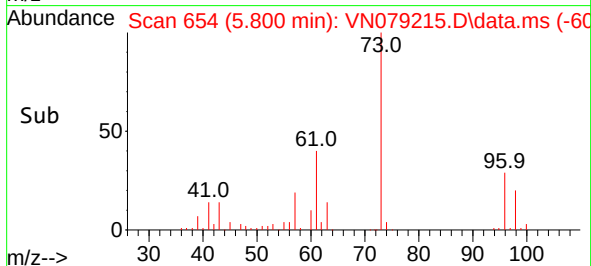
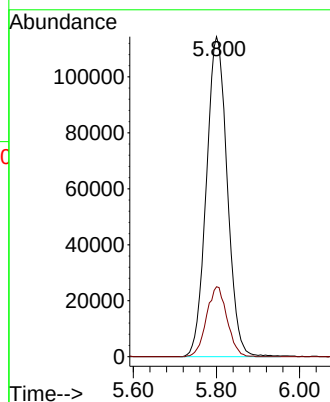
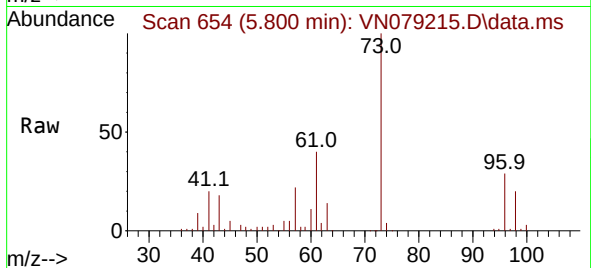
#19
Methyl tert-butyl Ether
Concen: 77.266 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 73 Resp: 398750
Ion Ratio Lower Upper
73 100
57 21.8 15.6 23.4

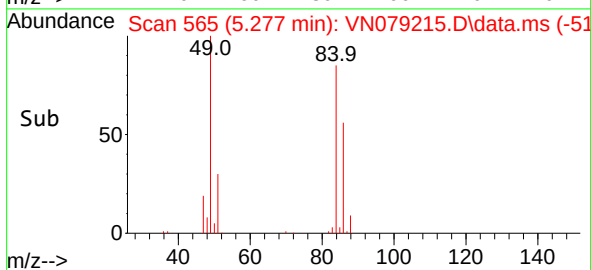
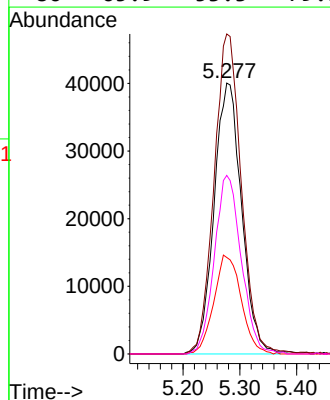
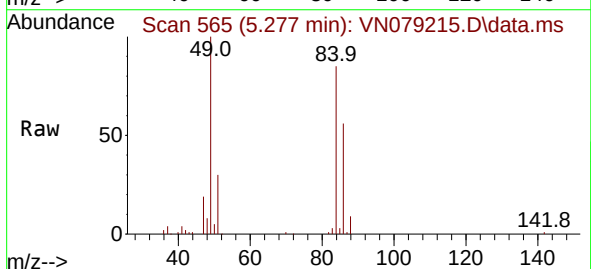
Manual Integrations
APPROVED

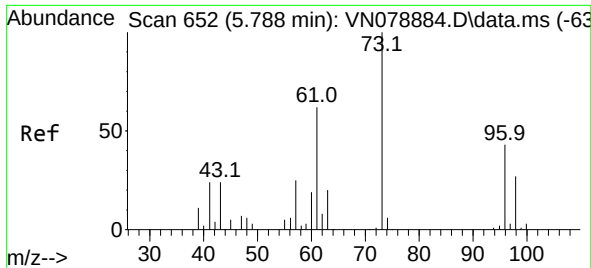
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#20
Methylene Chloride
Concen: 68.301 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

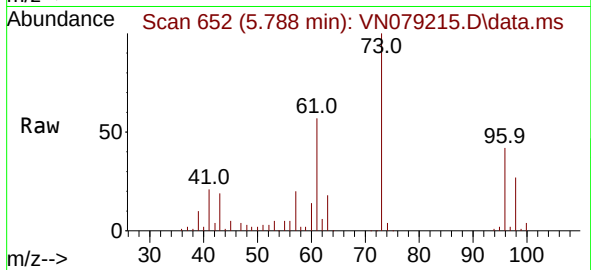
Tgt Ion: 84 Resp: 134444
Ion Ratio Lower Upper
84 100
49 118.1 79.7 119.5
51 35.6 25.2 37.8
86 65.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 72.769 ug/l
RT: 5.788 min Scan# 612
Delta R.T. -0.001 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

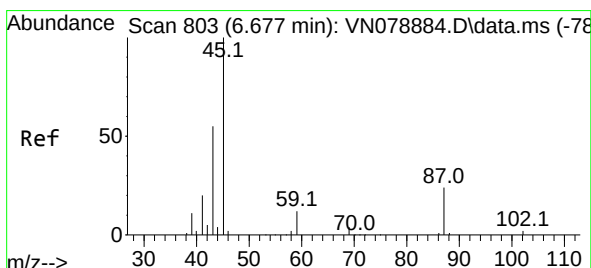
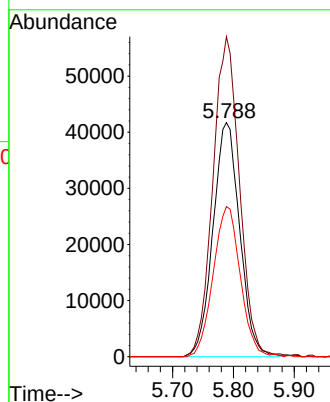
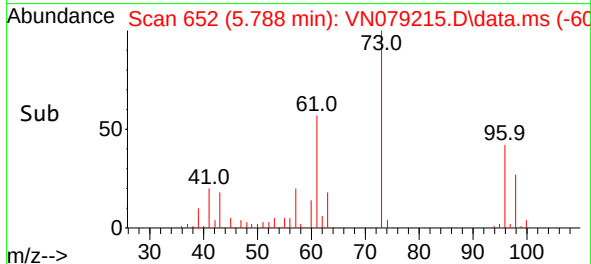
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 96 Resp: 127025
Ion Ratio Lower Upper
96 100
61 136.7 90.1 135.1
98 64.1 46.4 69.6

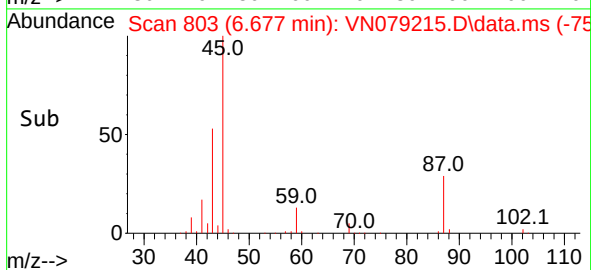
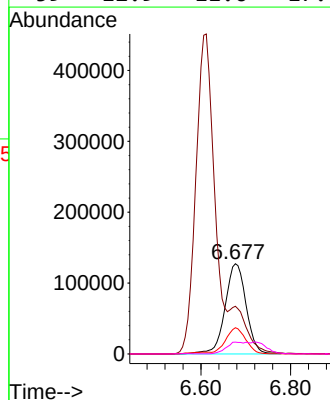
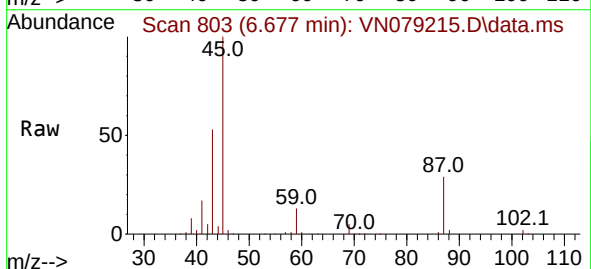
Manual Integrations
APPROVED

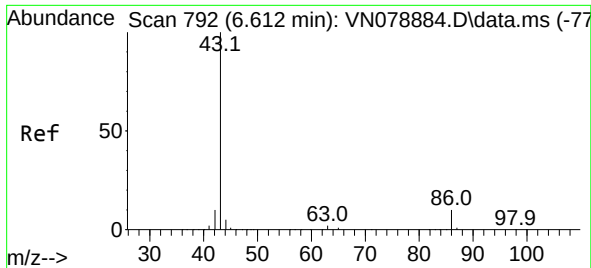
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#22
Diisopropyl ether
Concen: 78.687 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Tgt Ion: 45 Resp: 414434
Ion Ratio Lower Upper
45 100
43 51.7 45.5 68.3
87 28.9 31.8 47.8
59 12.9 11.6 17.4





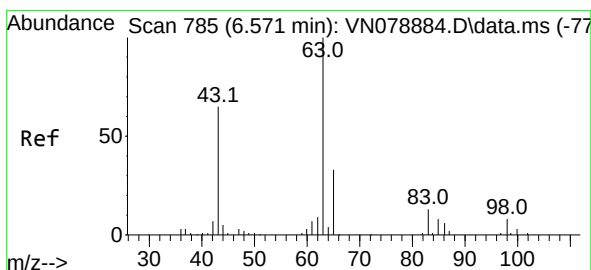
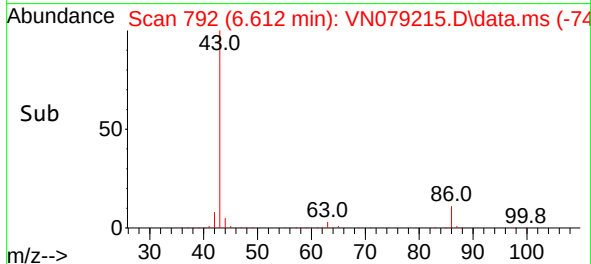
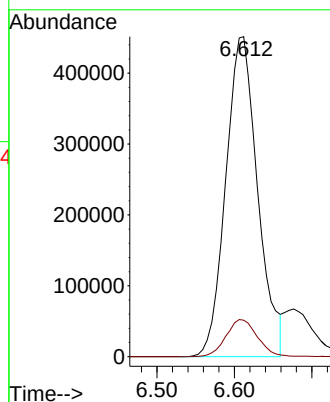
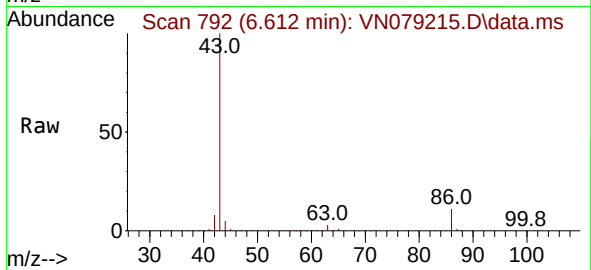
#23
 Vinyl Acetate
 Concen: 371.941 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN079215.D
 Acq: 11 Sep 2023 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Tgt Ion: 43 Resp: 129408
 Ion Ratio Lower Upper
 43 100
 86 11.4 13.0 19.6

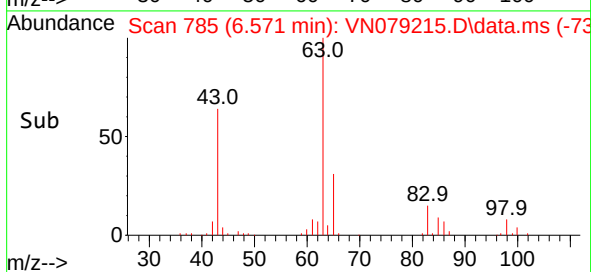
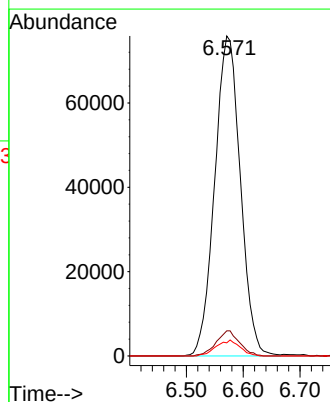
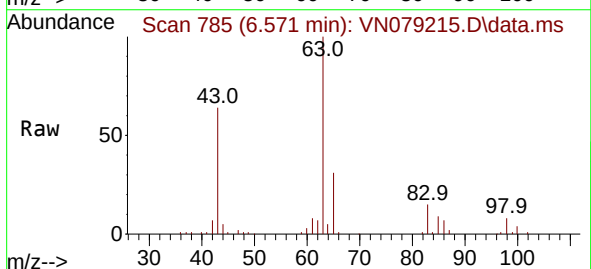
Manual Integrations
 APPROVED

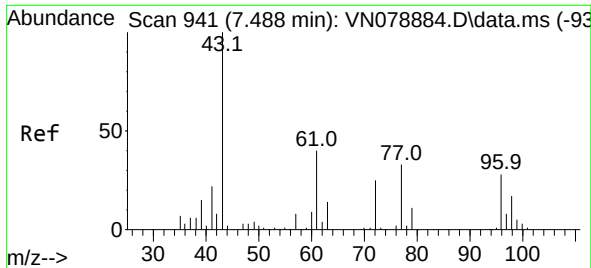
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#24
 1,1-Dichloroethane
 Concen: 73.275 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079215.D
 Acq: 11 Sep 2023 13:31

Tgt Ion: 63 Resp: 237910
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.1 2.5 7.4





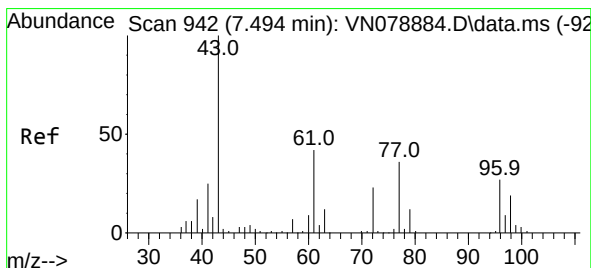
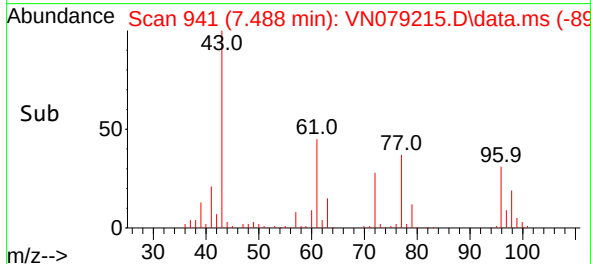
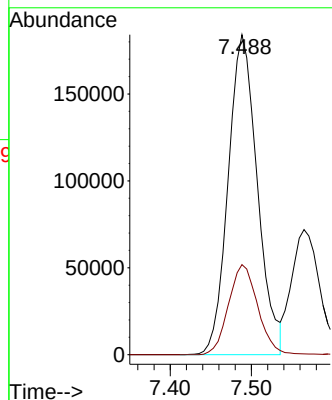
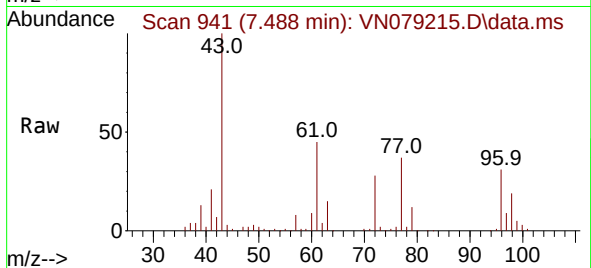
#25
2-Butanone
Concen: 391.980 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 43 Resp: 460034
Ion Ratio Lower Upper
43 100
72 28.1 30.2 45.2

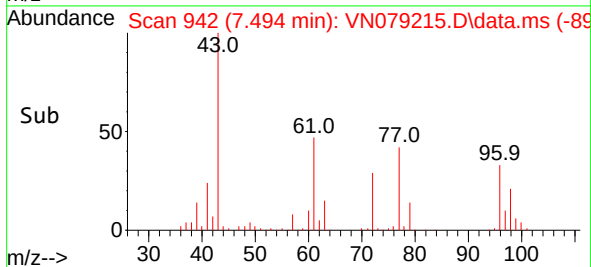
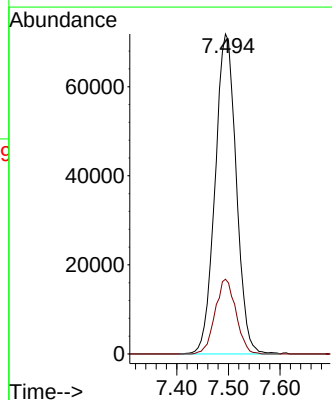
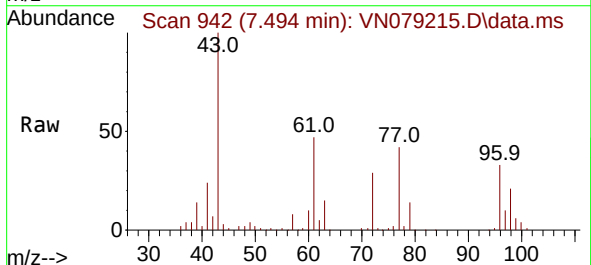
Manual Integrations
APPROVED

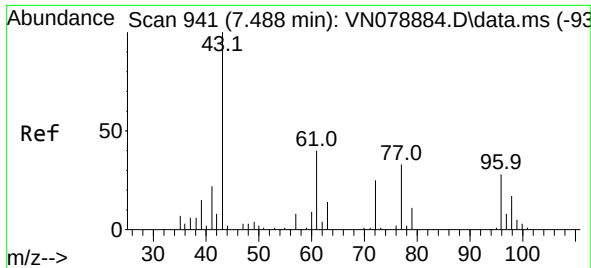
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#26
2,2-Dichloropropane
Concen: 74.362 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Tgt Ion: 77 Resp: 204265
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6





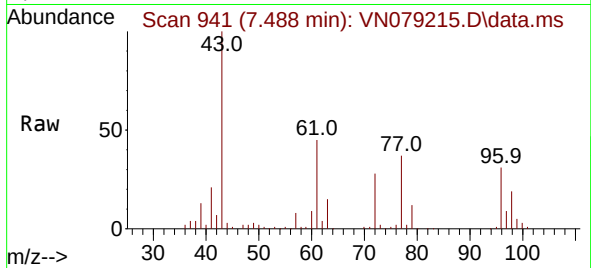
#27
 cis-1,2-Dichloroethene
 Concen: 74.706 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: VN079215.D
 Acq: 11 Sep 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

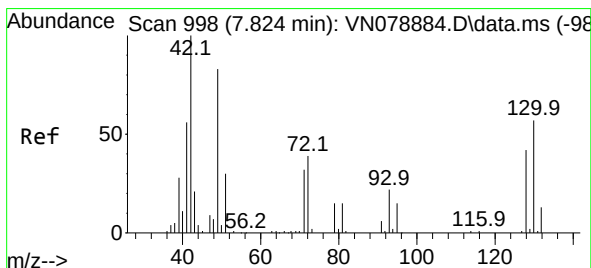
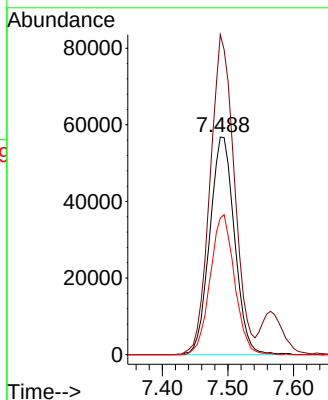
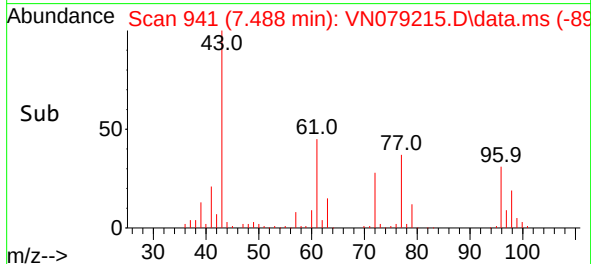


Tgt Ion: 96 Resp: 149112
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 255.2
 98 63.1 0.0 128.8

Manual Integrations

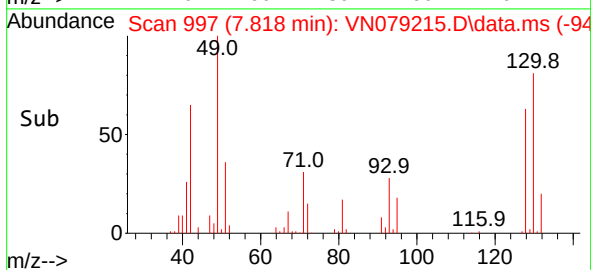
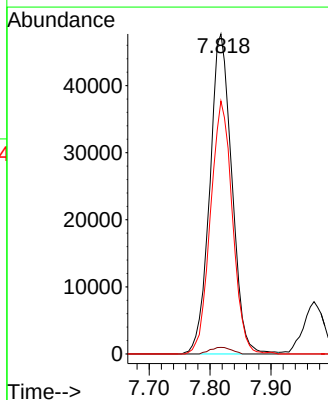
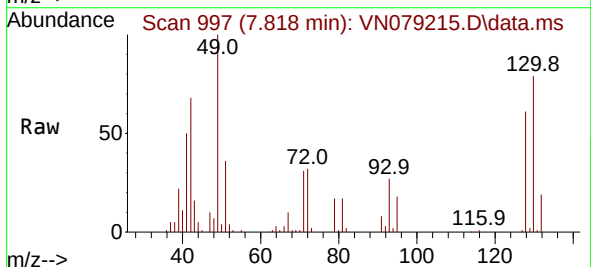
APPROVED

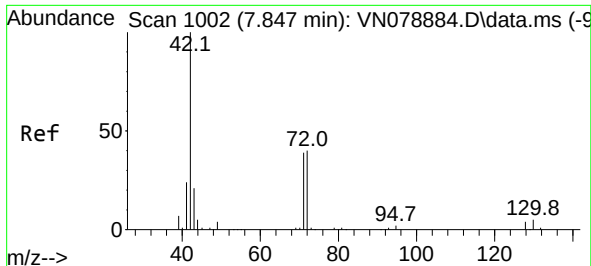
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#28
 Bromochloromethane
 Concen: 81.917 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079215.D
 Acq: 11 Sep 2023 13:31

Tgt Ion: 49 Resp: 120253
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 78.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 387.737 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN079215.D

Acq: 11 Sep 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 42 Resp: 28958

Ion Ratio Lower Upper

42 100

72 46.8 49.8 74.6

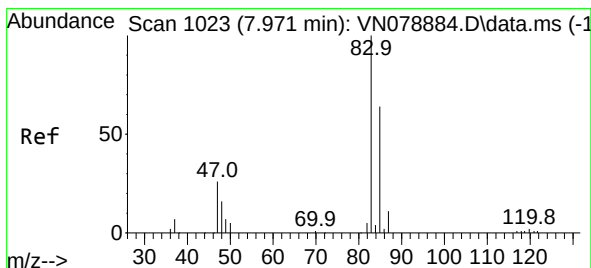
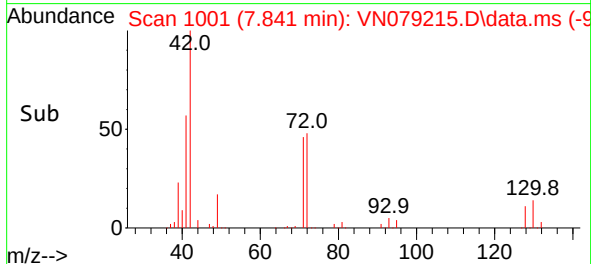
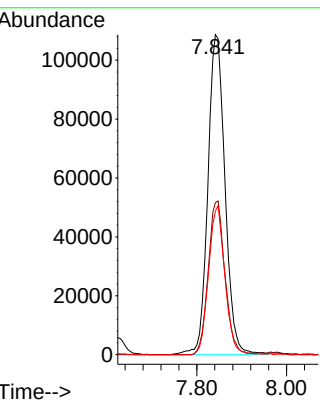
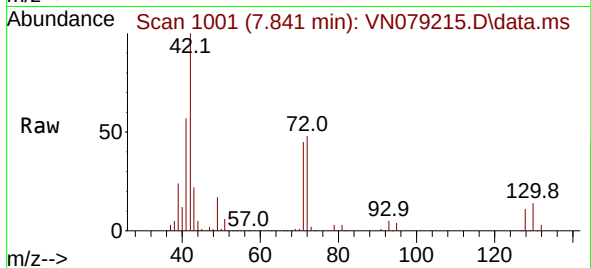
71 44.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#30

Chloroform

Concen: 72.913 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079215.D

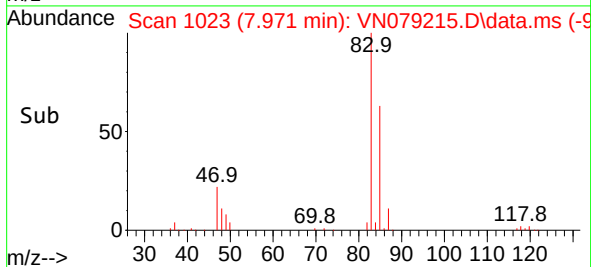
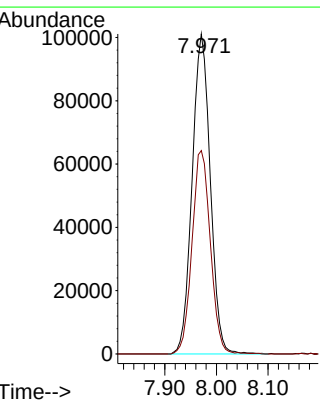
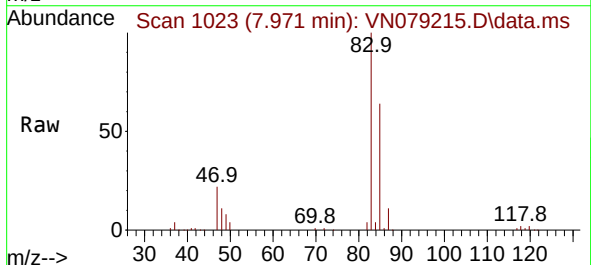
Acq: 11 Sep 2023 13:31

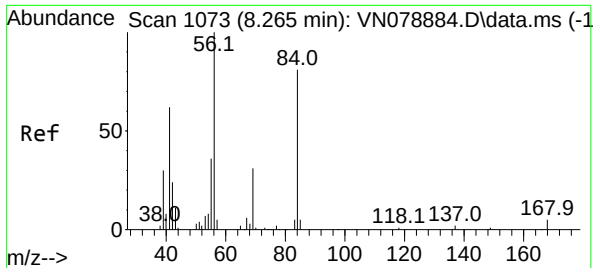
Tgt Ion: 83 Resp: 246478

Ion Ratio Lower Upper

83 100

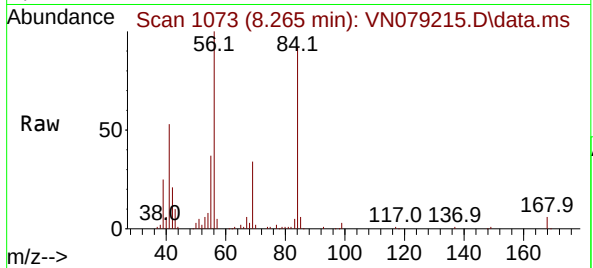
85 63.6 55.4 83.0





#31
Cyclohexane
Concen: 69.211 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

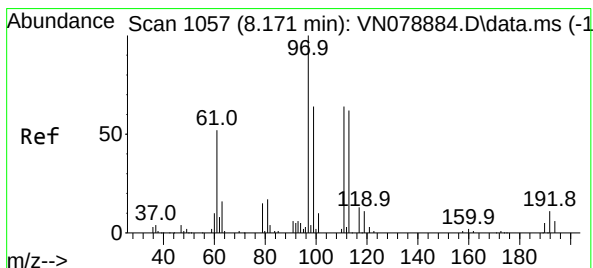
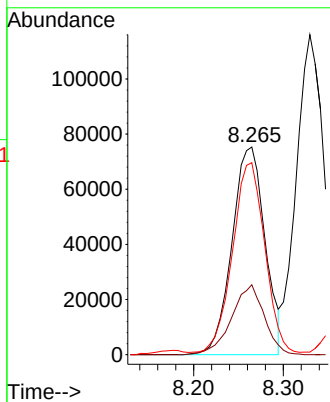
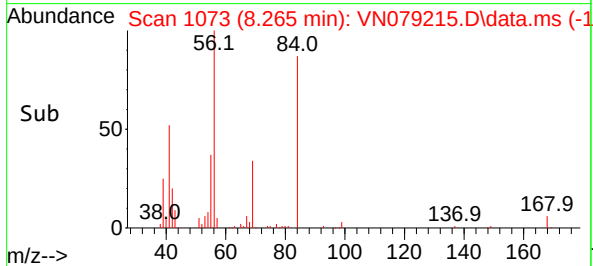
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



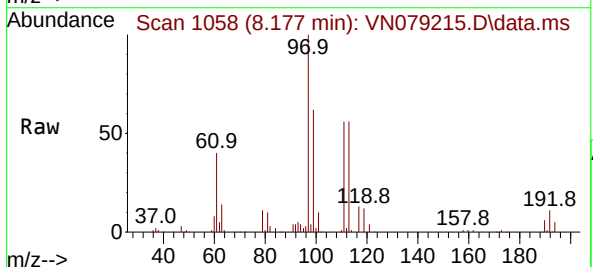
Tgt Ion: 56 Resp: 192469
Ion Ratio Lower Upper
56 100
69 33.7 26.8 40.2
84 90.4 81.8 122.6

Manual Integrations
APPROVED

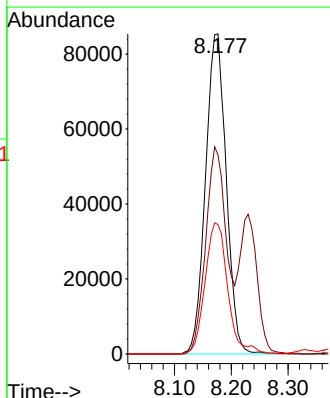
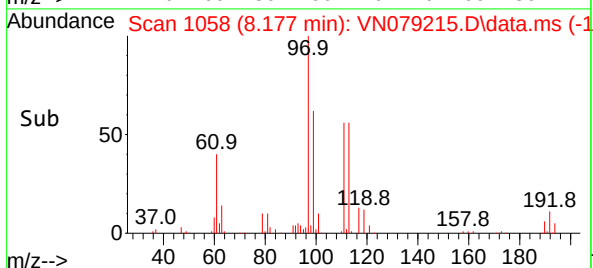
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

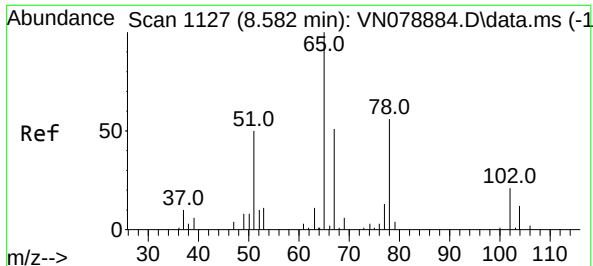


#32
1,1,1-Trichloroethane
Concen: 75.092 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31



Tgt Ion: 97 Resp: 216383
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 44.8 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 77.233 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

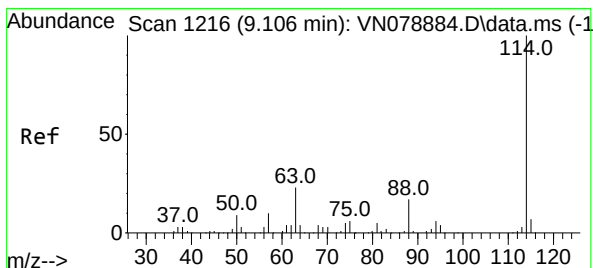
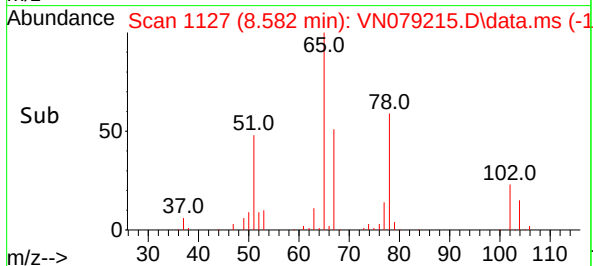
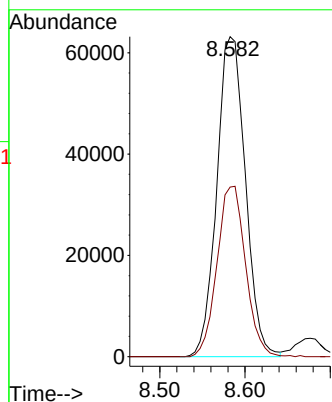
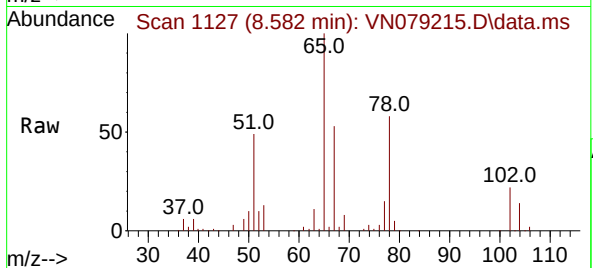
VSTDIC075

Tgt Ion: 65 Resp: 147094
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.6

Manual Integrations

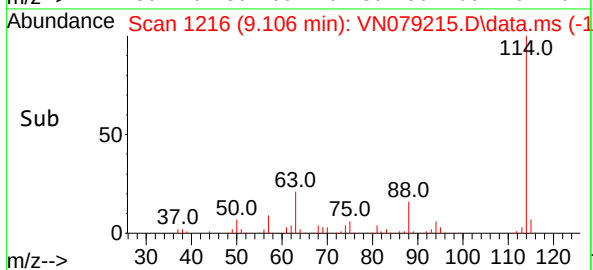
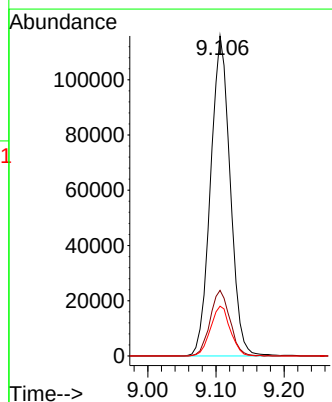
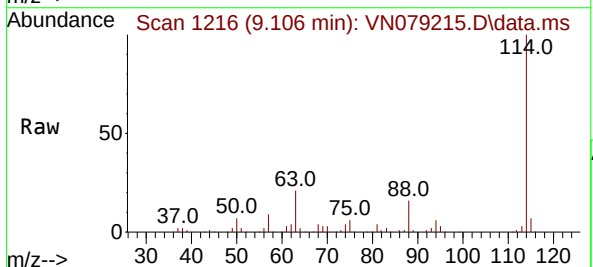
APPROVED

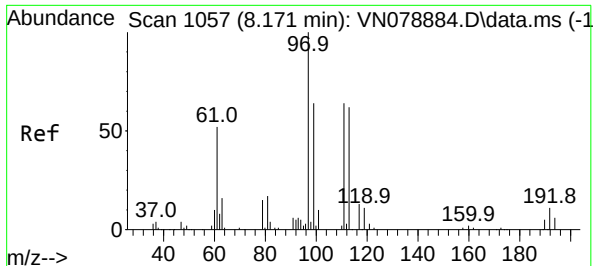
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Tgt Ion:114 Resp: 232001
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.4
88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 78.040 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079215.D

Acq: 11 Sep 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:113 Resp: 12043

Ion Ratio Lower Upper

113 100

111 104.5 82.6 123.8

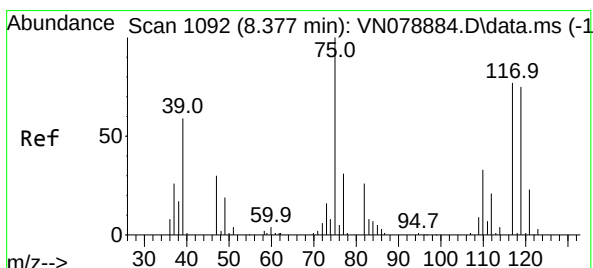
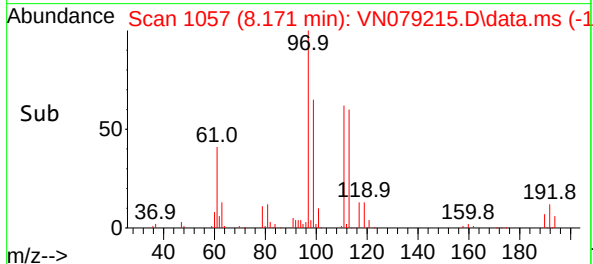
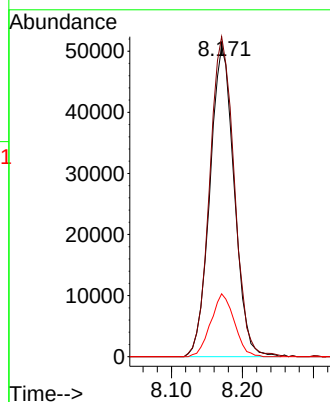
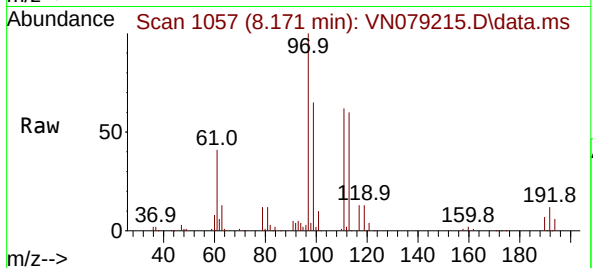
192 19.6 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#36

1,1-Dichloropropene

Concen: 77.219 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN079215.D

Acq: 11 Sep 2023 13:31

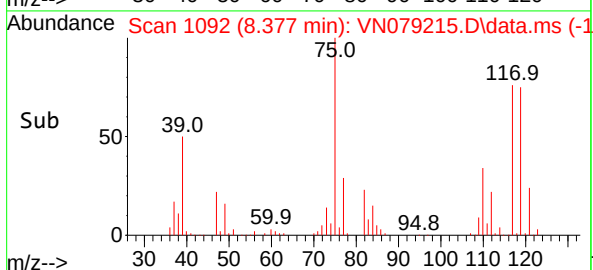
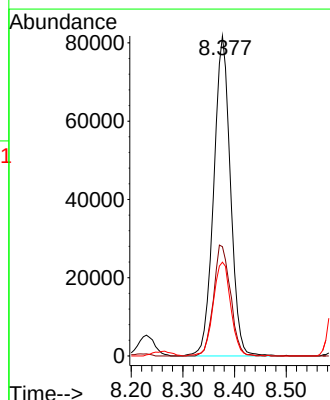
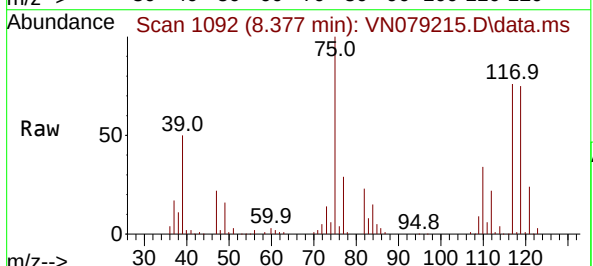
Tgt Ion: 75 Resp: 183680

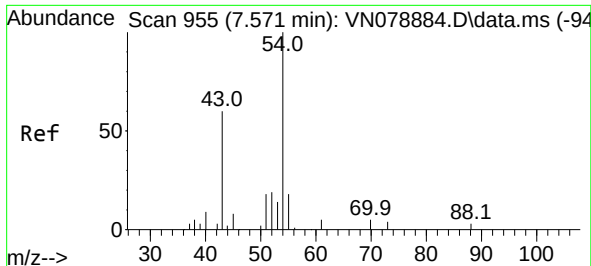
Ion Ratio Lower Upper

75 100

110 35.2 19.1 57.3

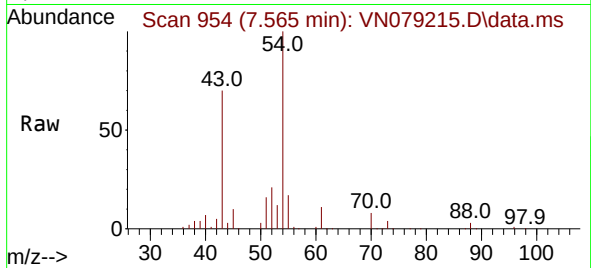
77 30.8 25.0 37.4





#37
Ethyl Acetate
Concen: 76.990 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.006 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

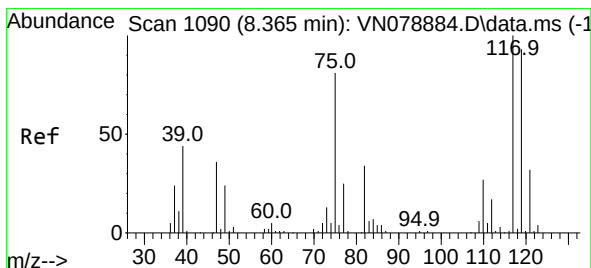
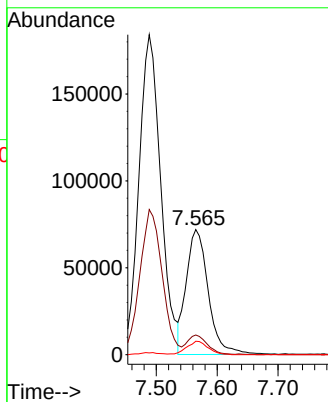
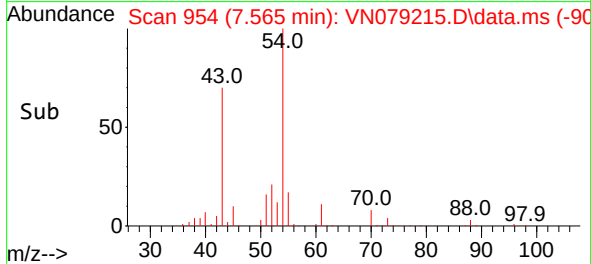
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 43 Resp: 180170
Ion Ratio Lower Upper
43 100
61 13.9 13.2 19.8
70 10.4 11.3 16.9

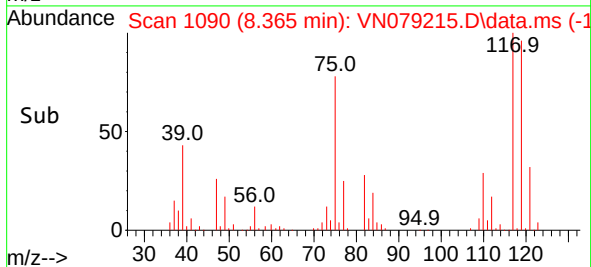
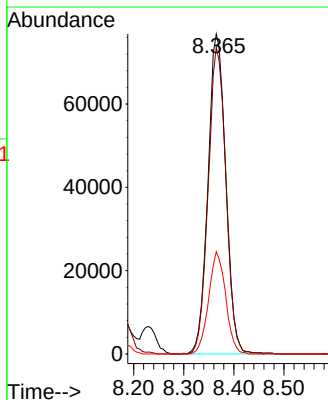
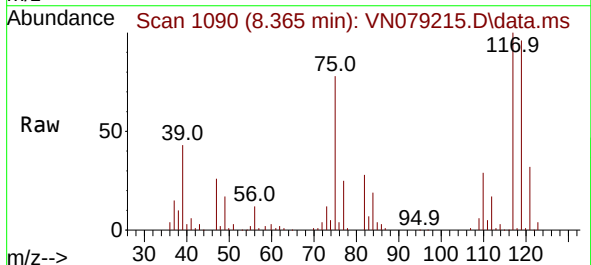
Manual Integrations
APPROVED

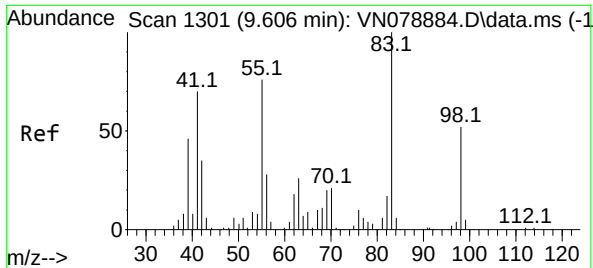
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#38
Carbon Tetrachloride
Concen: 76.959 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Tgt Ion:117 Resp: 189440
Ion Ratio Lower Upper
117 100
119 95.8 77.3 115.9
121 32.0 23.3 34.9





#39
Methylcyclohexane
Concen: 80.881 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

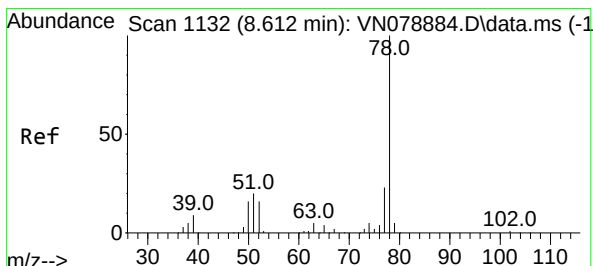
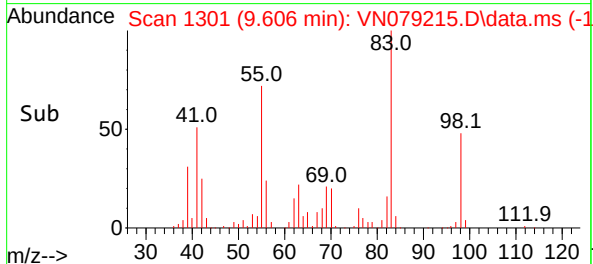
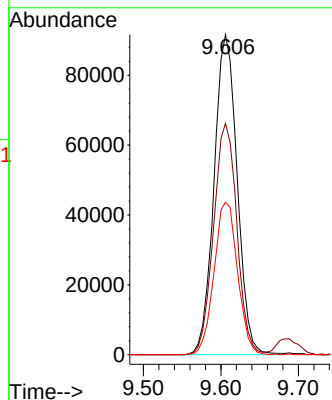
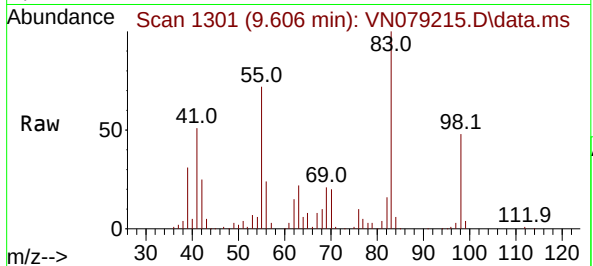
VSTDIC075

Tgt Ion: 83 Resp: 189775
Ion Ratio Lower Upper
83 100
55 72.3 49.1 73.7
98 47.7 40.6 61.0

Manual Integrations

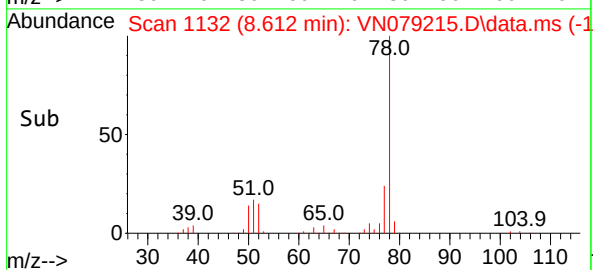
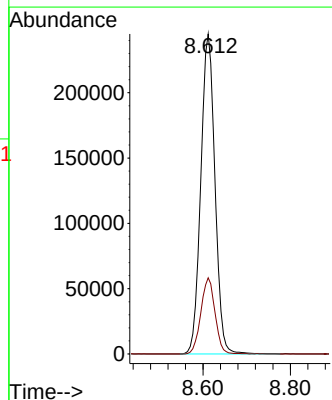
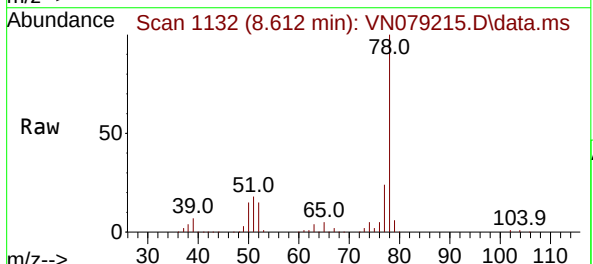
APPROVED

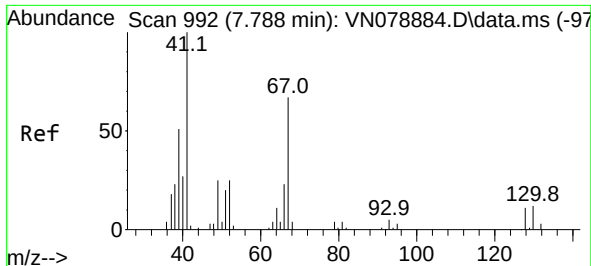
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#40
Benzene
Concen: 75.877 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Tgt Ion: 78 Resp: 552521
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





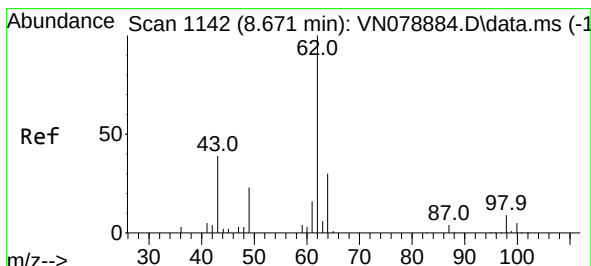
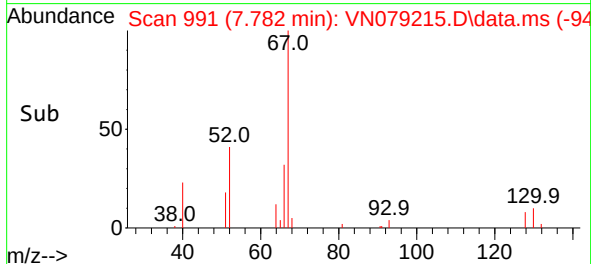
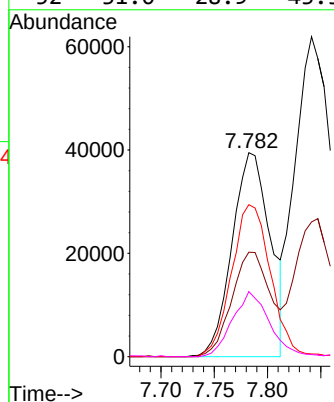
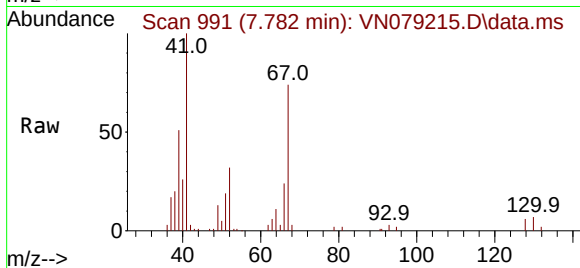
#41
Methacrylonitrile
Concen: 80.193 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.012 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 41	Resp: 98319
Ion Ratio	Lower Upper
41 100	
39 51.9	42.6 64.0
67 76.3	77.5 116.3
52 31.0	28.9 43.3

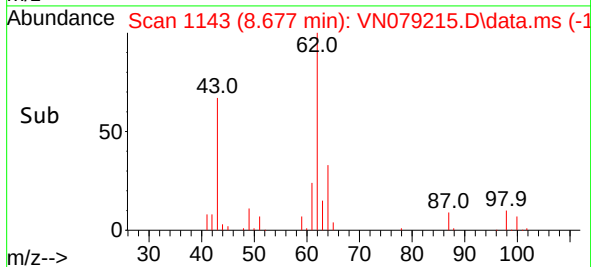
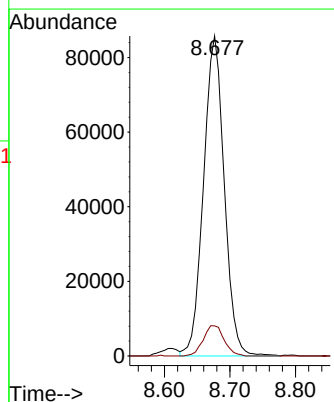
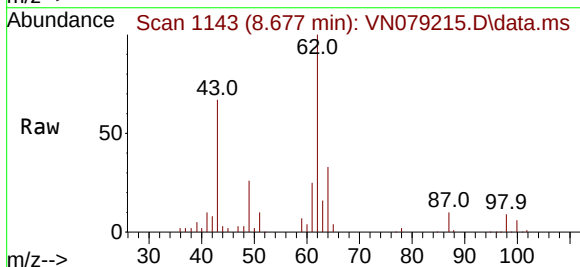
Manual Integrations
APPROVED

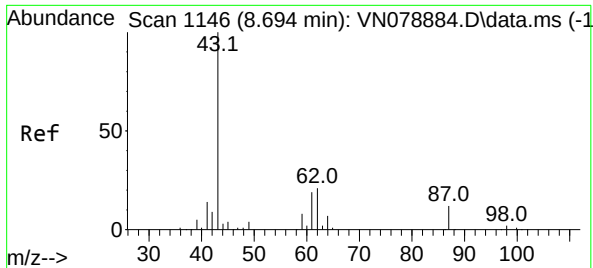
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#42
1,2-Dichloroethane
Concen: 75.384 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Tgt Ion: 62	Resp: 188975
Ion Ratio	Lower Upper
62 100	
98 9.6	0.0 19.8





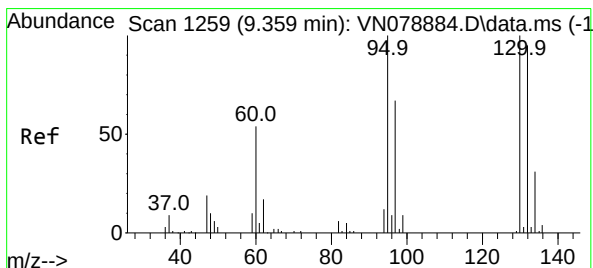
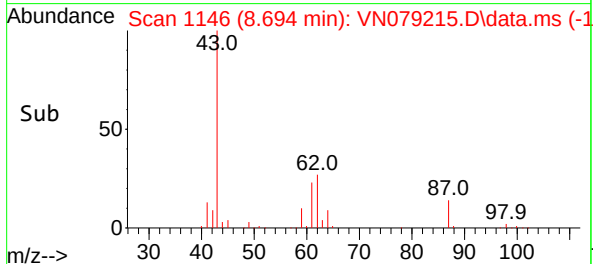
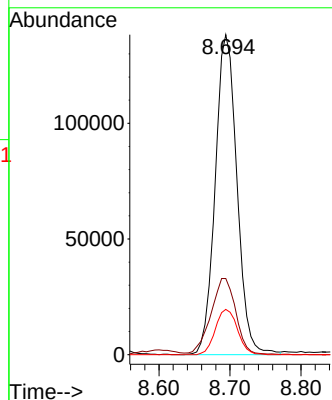
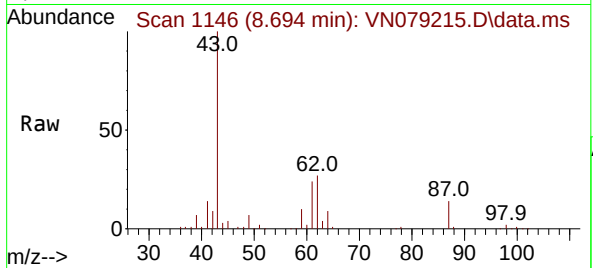
#43
Isopropyl Acetate
Concen: 75.955 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 43 Resp: 29404
Ion Ratio Lower Upper
43 100
61 27.5 24.7 37.1
87 14.4 14.6 21.8

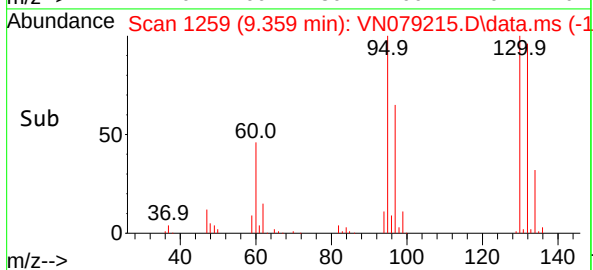
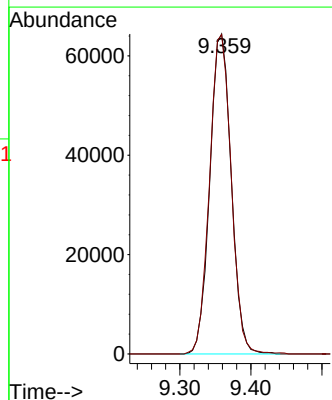
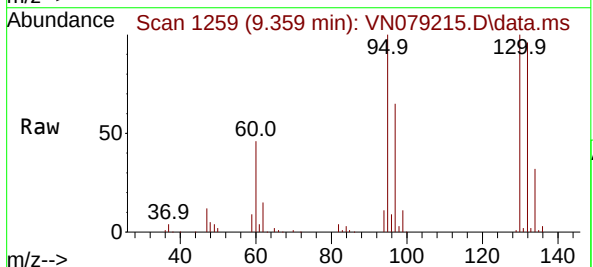
Manual Integrations
APPROVED

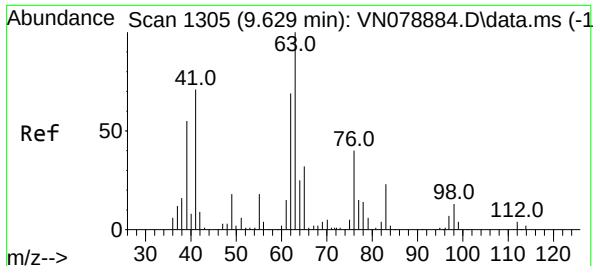
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#44
Trichloroethene
Concen: 75.039 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Tgt Ion:130 Resp: 134606
Ion Ratio Lower Upper
130 100
95 99.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 75.627 ug/l

RT: 9.624 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN079215.D

Acq: 11 Sep 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 63 Resp: 136670

Ion Ratio Lower Upper

63 100

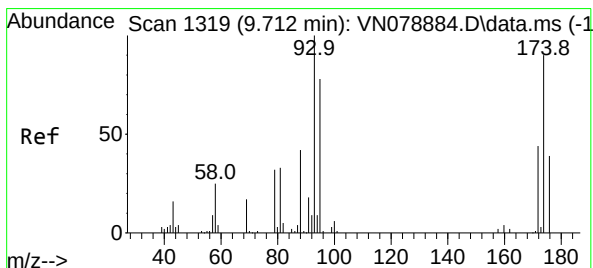
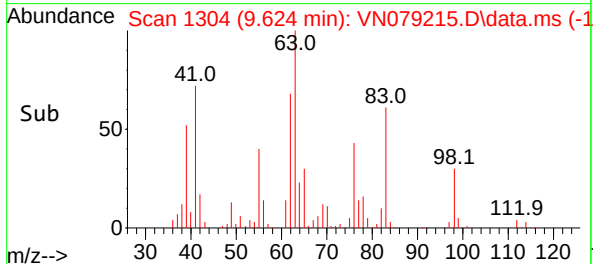
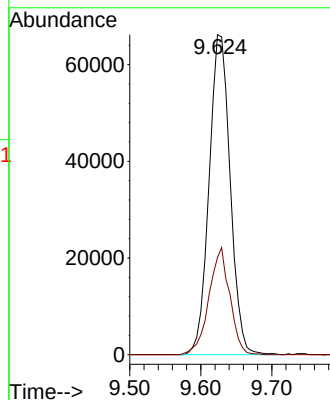
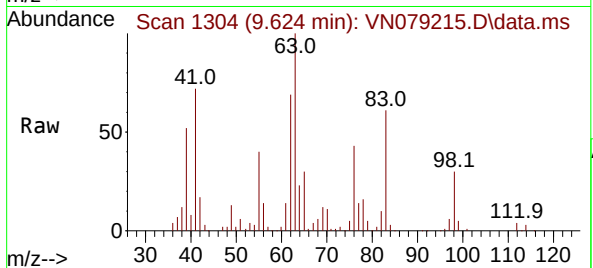
65 30.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#46

Dibromomethane

Concen: 76.333 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079215.D

Acq: 11 Sep 2023 13:31

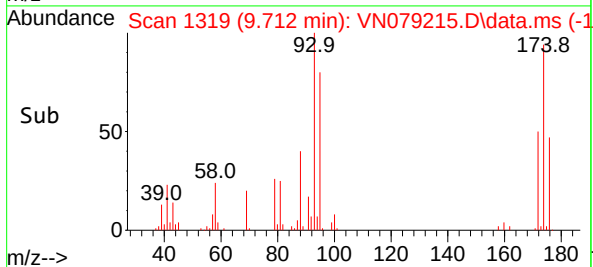
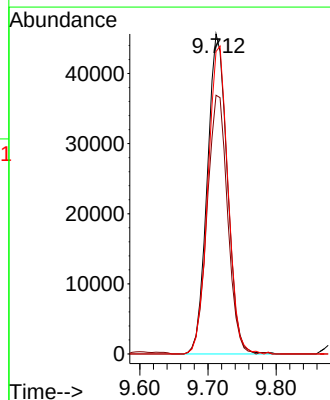
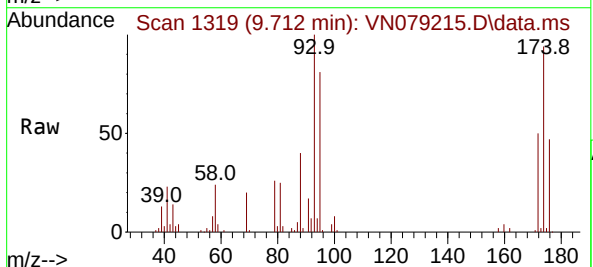
Tgt Ion: 93 Resp: 93645

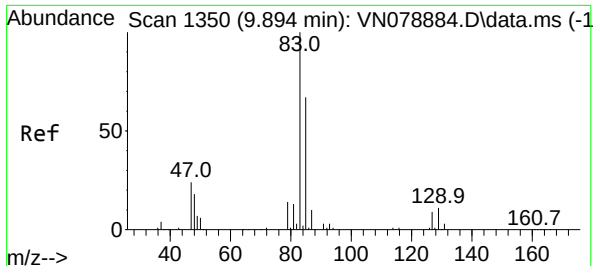
Ion Ratio Lower Upper

93 100

95 82.2 63.8 95.8

174 96.1 65.6 98.4





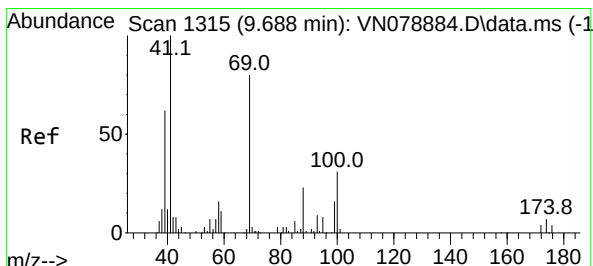
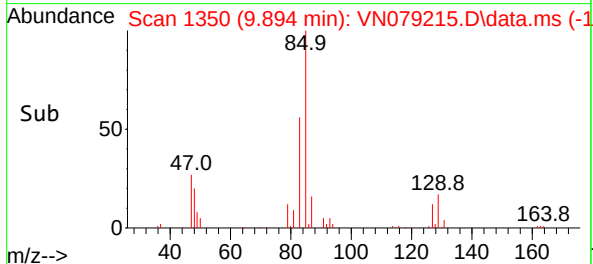
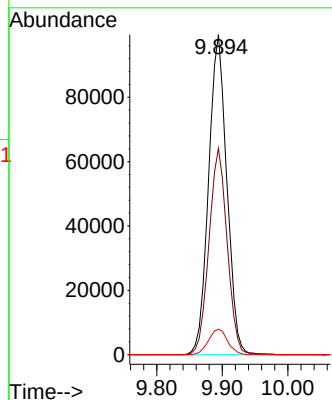
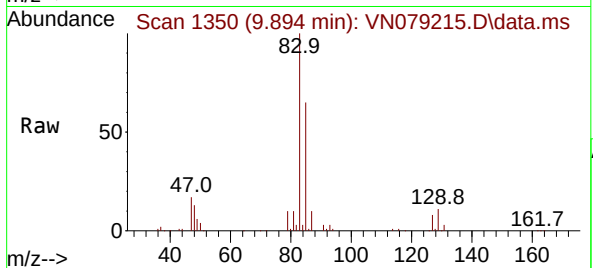
#47
Bromodichloromethane
Concen: 76.429 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 83 Resp: 19204
Ion Ratio Lower Upper
83 100
85 64.5 49.6 74.4
127 8.0 7.0 10.6

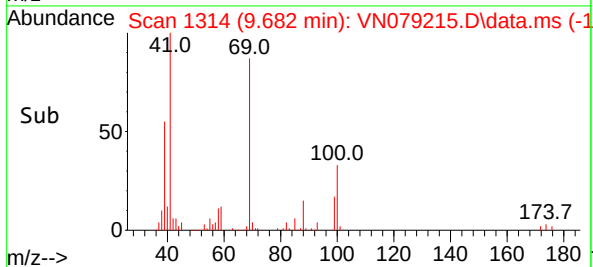
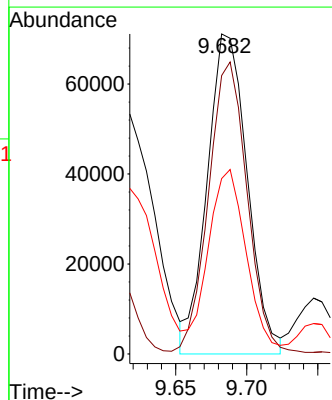
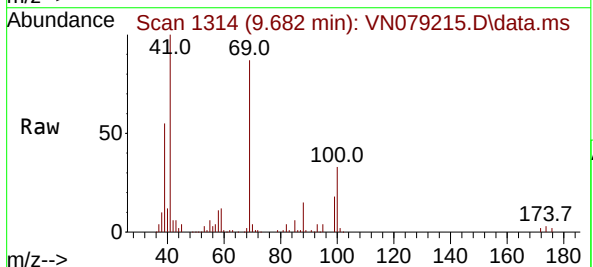
Manual Integrations
APPROVED

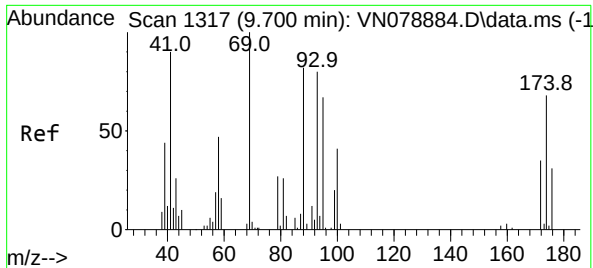
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#48
Methyl methacrylate
Concen: 80.463 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Tgt Ion: 41 Resp: 139525
Ion Ratio Lower Upper
41 100
69 88.9 90.4 135.6#
39 55.9 54.6 81.8





#49

1,4-Dioxane

Concen: 1527.207 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079215.D

Acq: 11 Sep 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 88 Resp: 54469

Ion Ratio Lower Upper

88 100

43 27.6 17.0 25.6

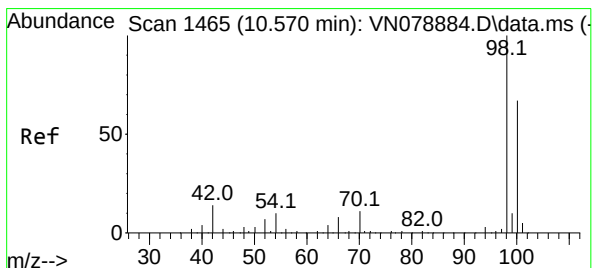
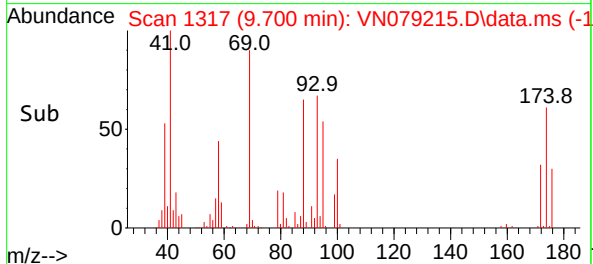
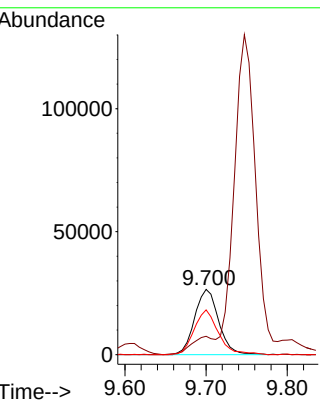
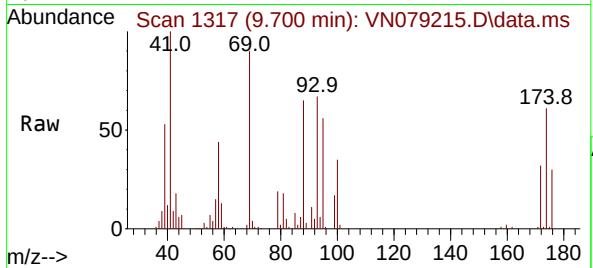
58 69.6 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#50

Toluene-d8

Concen: 80.452 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079215.D

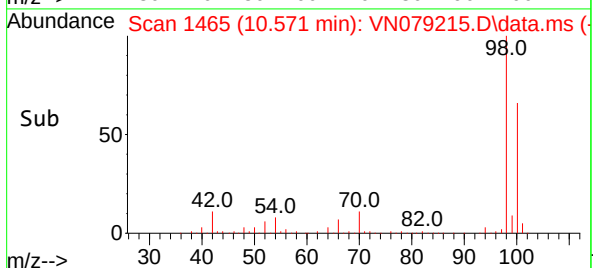
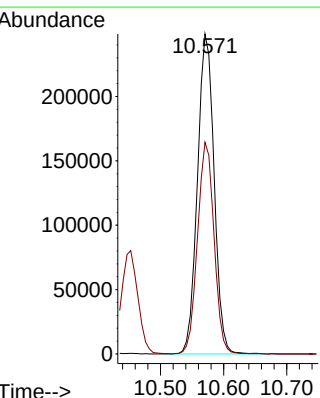
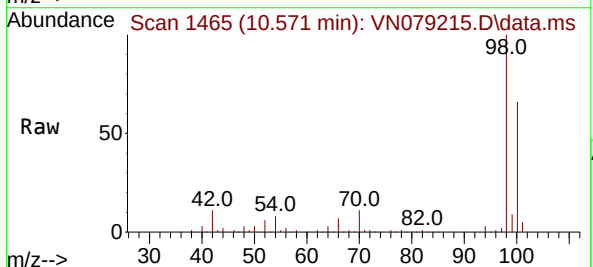
Acq: 11 Sep 2023 13:31

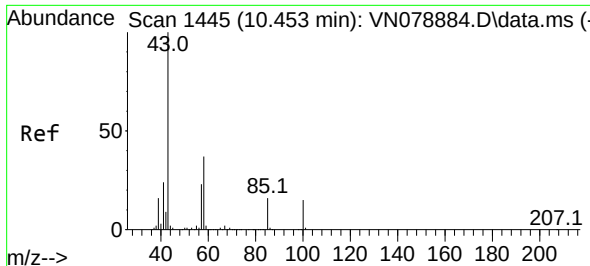
Tgt Ion: 98 Resp: 455883

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0





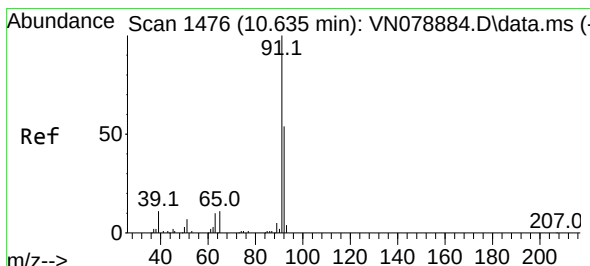
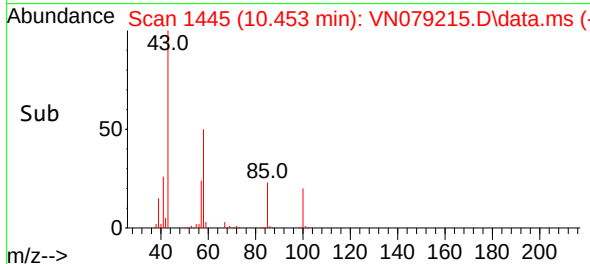
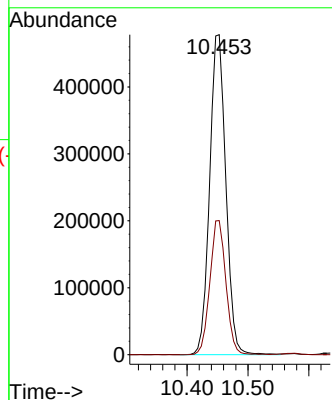
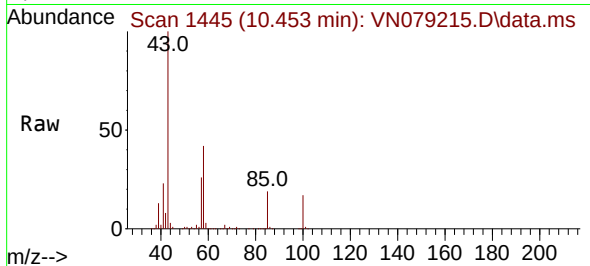
#51
4-Methyl-2-Pentanone
Concen: 392.645 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 43 Resp: 882372
Ion Ratio Lower Upper
43 100
58 41.6 36.6 54.8

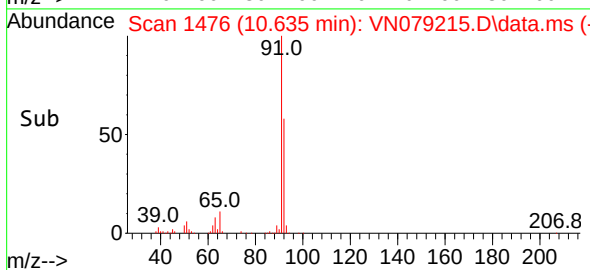
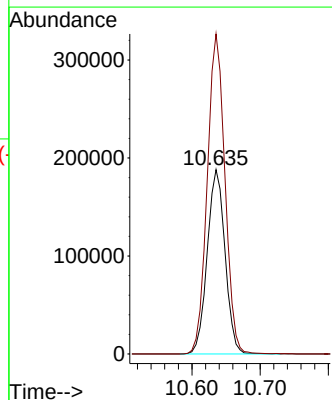
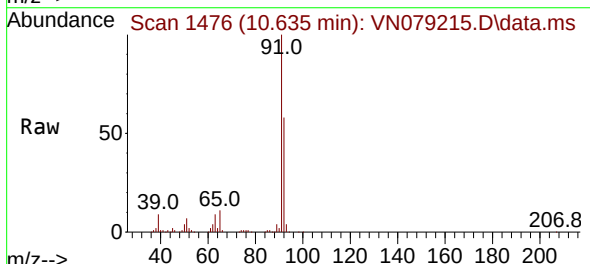
Manual Integrations
APPROVED

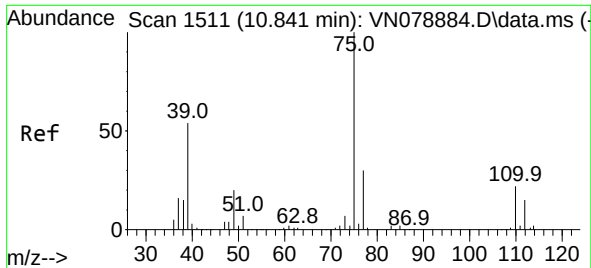
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#52
Toluene
Concen: 76.318 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

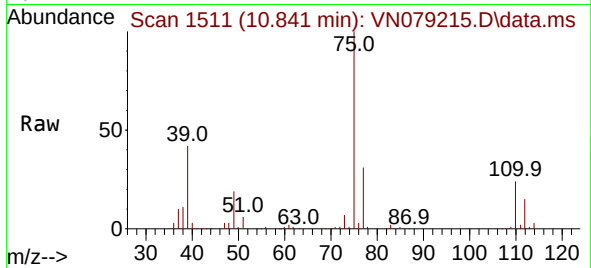
Tgt Ion: 92 Resp: 341525
Ion Ratio Lower Upper
92 100
91 172.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 80.173 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

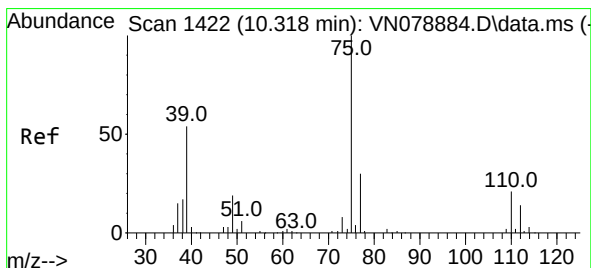
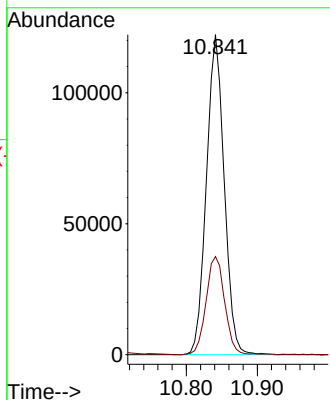
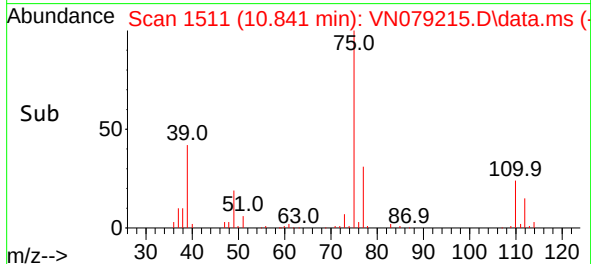
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 75 Resp: 21242
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

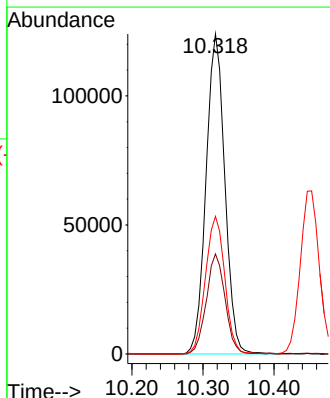
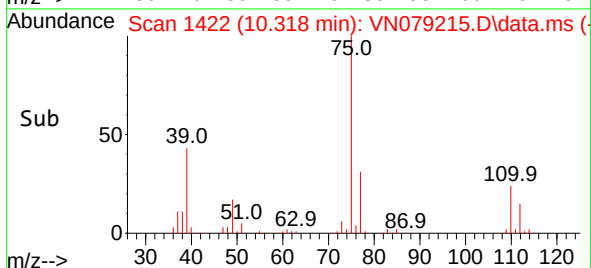
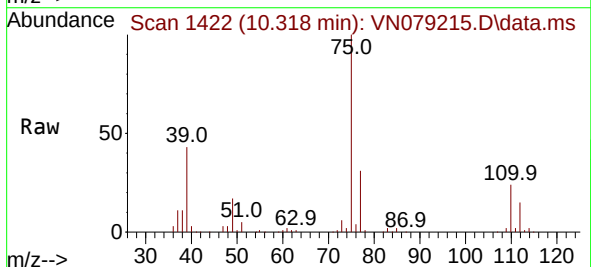
Manual Integrations
APPROVED

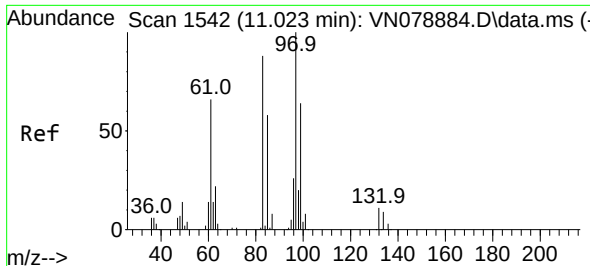
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#54
cis-1,3-Dichloropropene
Concen: 80.400 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

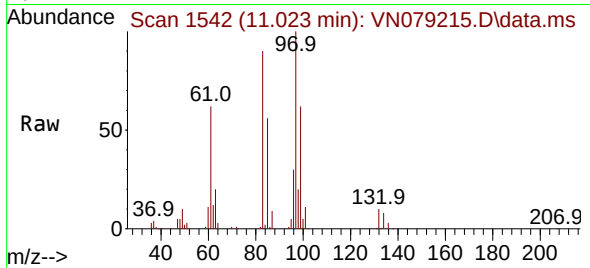
Tgt Ion: 75 Resp: 227840
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
39 43.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 75.176 ug/l
RT: 11.023 min Scan# 11023
Delta R.T. -0.001 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

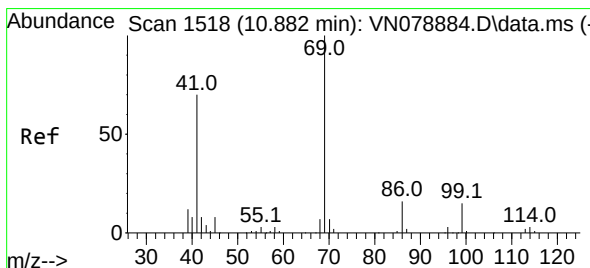
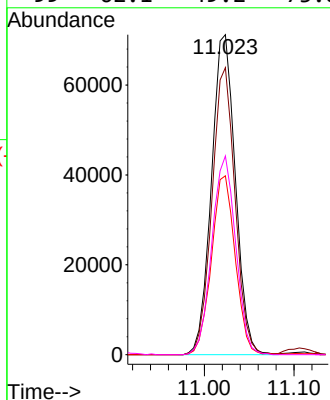
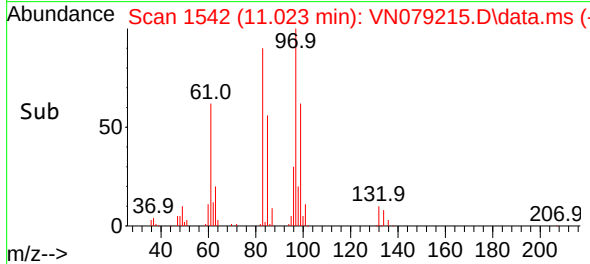
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



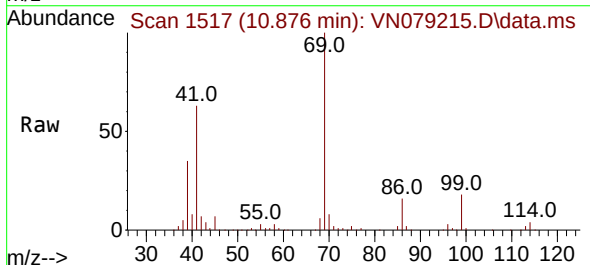
Tgt Ion:	97	Resp:	132004
Ion Ratio	100	Lower	Upper
97	100		
83	89.7	65.1	97.7
85	55.9	43.4	65.2
99	62.1	49.2	73.8

Manual Integrations
APPROVED

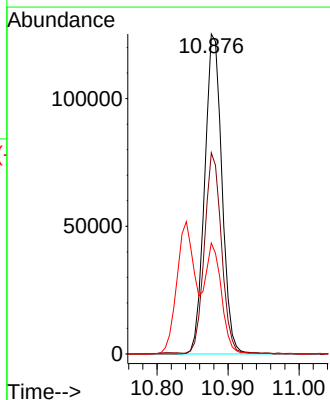
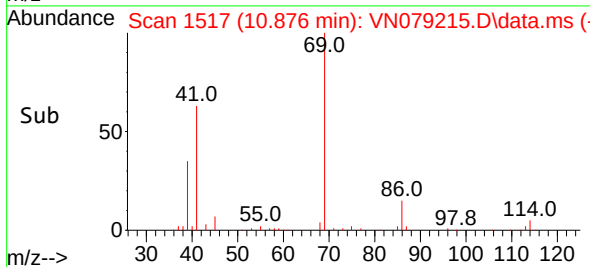
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

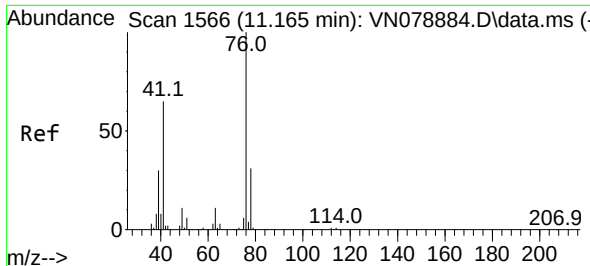


#56
Ethyl methacrylate
Concen: 85.550 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31



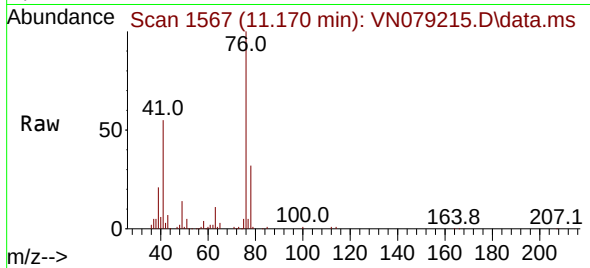
Tgt Ion:	69	Resp:	212054
Ion Ratio	100	Lower	Upper
69	100		
41	61.4	39.6	59.4#
39	33.6	28.6	43.0





#57
1,3-Dichloropropane
Concen: 75.206 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. 0.005 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

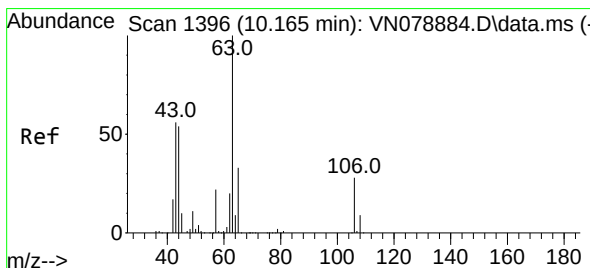
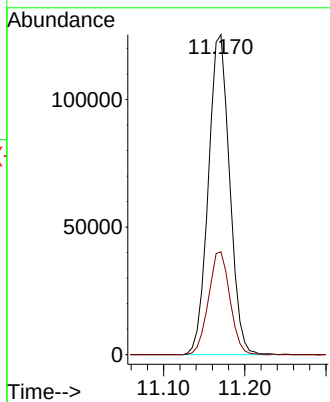
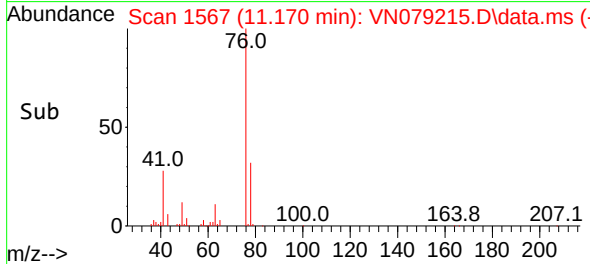
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 76 Resp: 228284
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

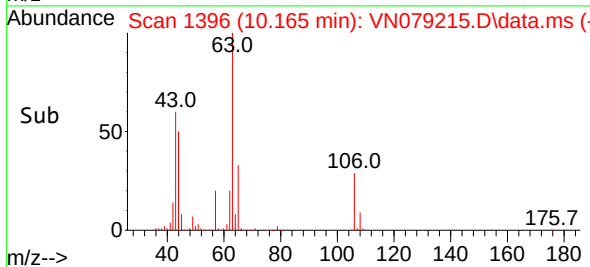
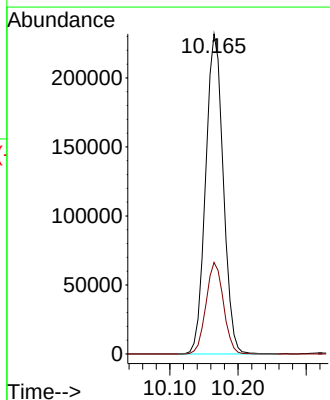
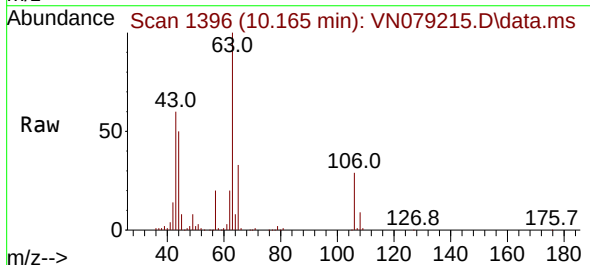
Manual Integrations
APPROVED

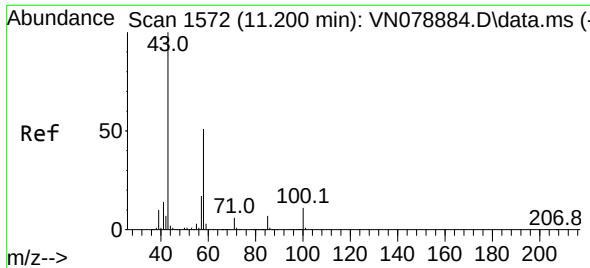
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#58
2-Chloroethyl Vinyl ether
Concen: 377.589 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

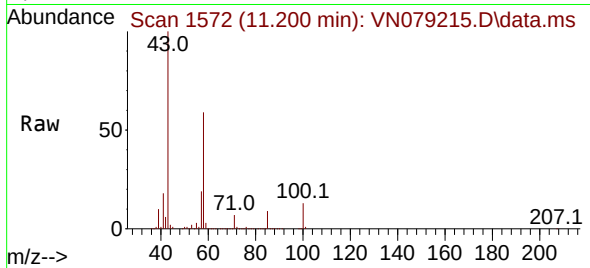
Tgt Ion: 63 Resp: 416758
Ion Ratio Lower Upper
63 100
106 28.3 26.2 39.4





#59
2-Hexanone
Concen: 404.478 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

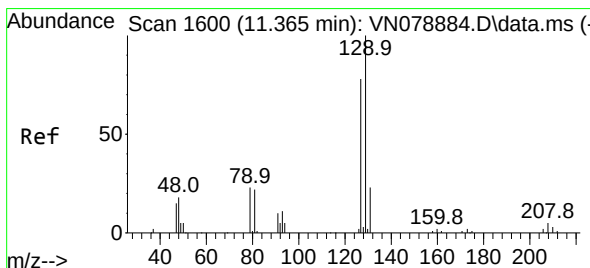
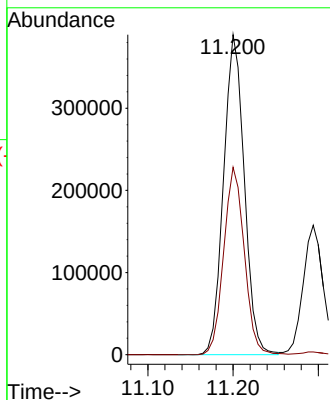
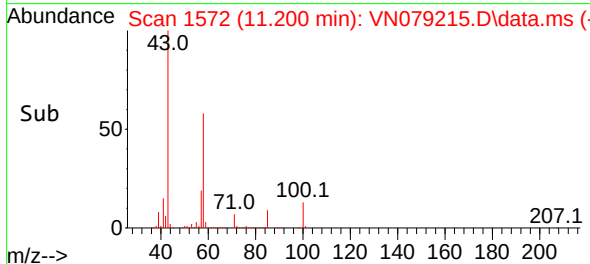
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 43 Resp: 658352
Ion Ratio Lower Upper
43 100
58 58.2 31.7 95.1

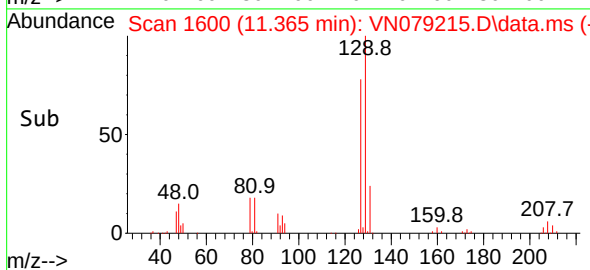
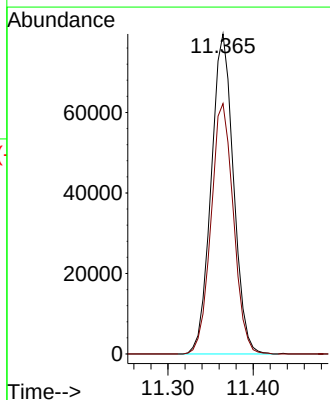
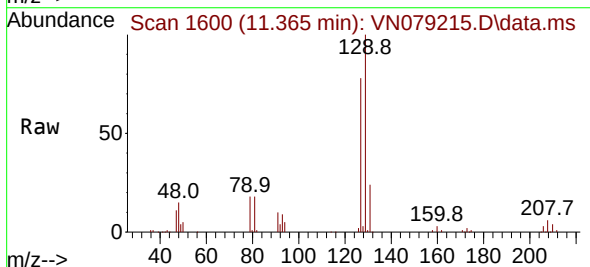
Manual Integrations
APPROVED

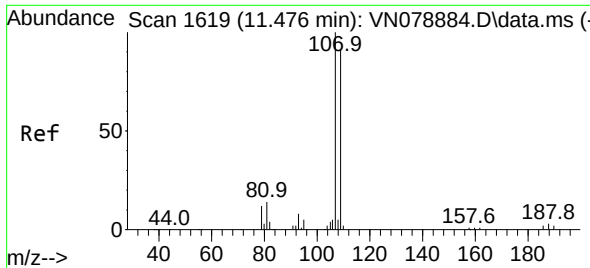
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#60
Dibromochloromethane
Concen: 77.551 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

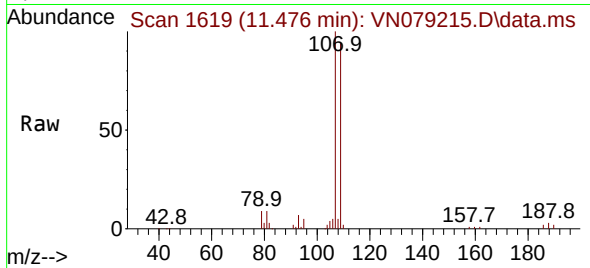
Tgt Ion:129 Resp: 144926
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 78.091 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

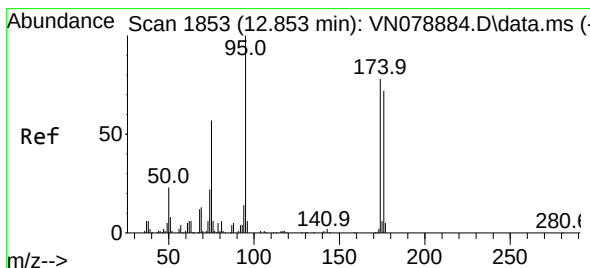
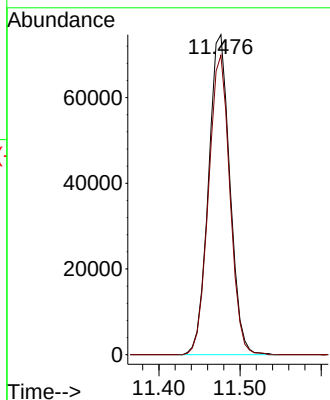
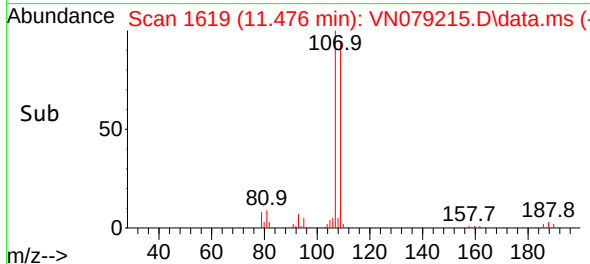
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



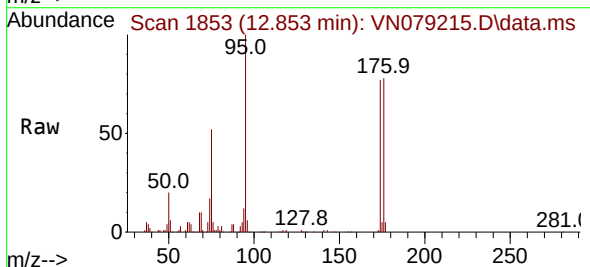
Tgt Ion:107 Resp: 13684
Ion Ratio Lower Upper
107 100
109 93.1 76.6 114.8

Manual Integrations
APPROVED

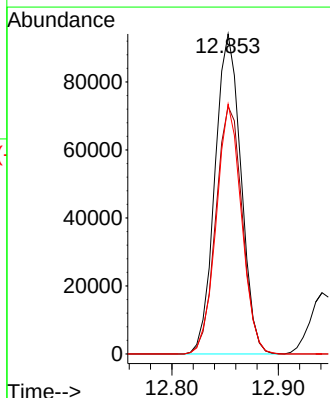
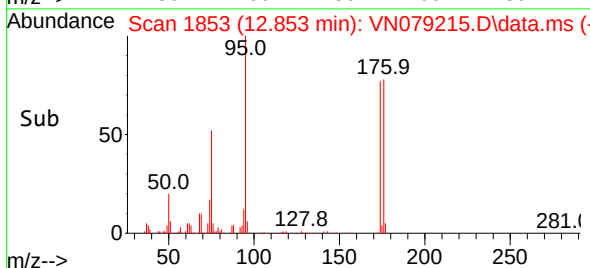
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

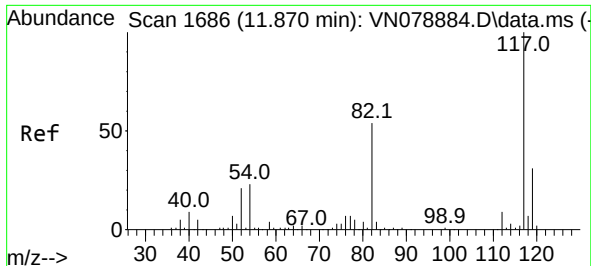


#62
4-Bromofluorobenzene
Concen: 88.359 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31



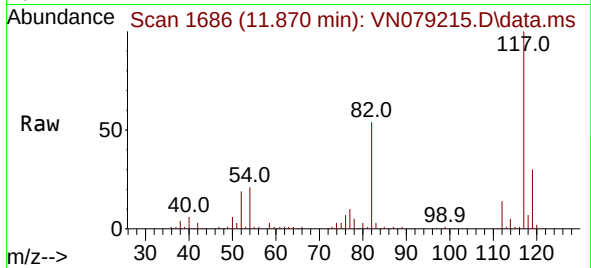
Tgt Ion: 95 Resp: 159708
Ion Ratio Lower Upper
95 100
174 78.8 0.0 143.8
176 75.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

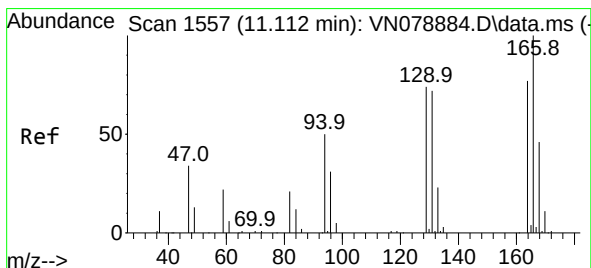
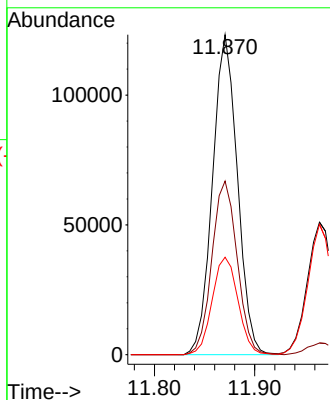
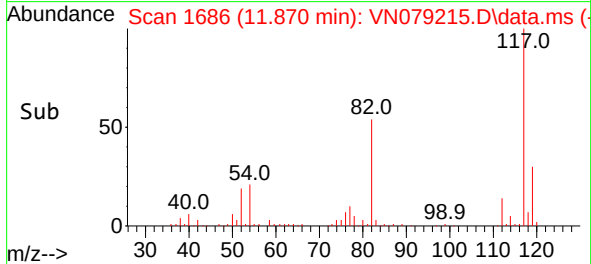
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:117 Resp: 212678
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 30.4 25.6 38.4

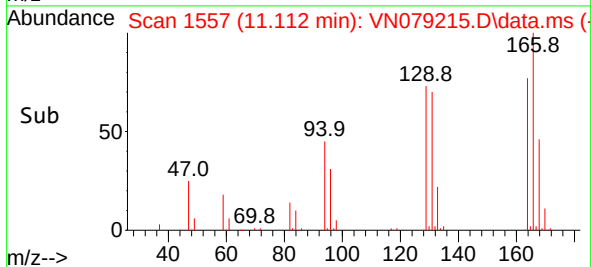
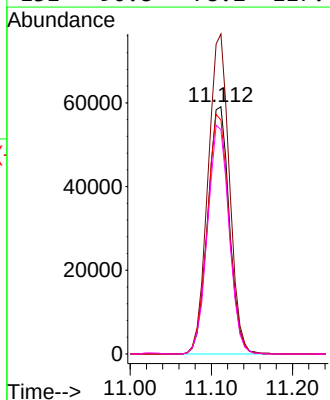
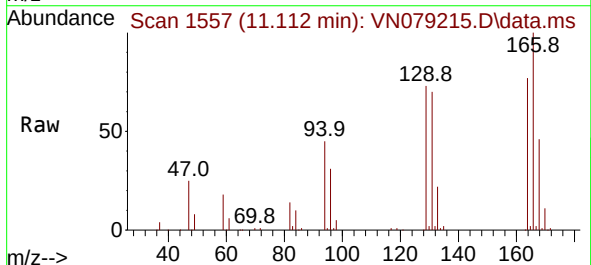
Manual Integrations
APPROVED

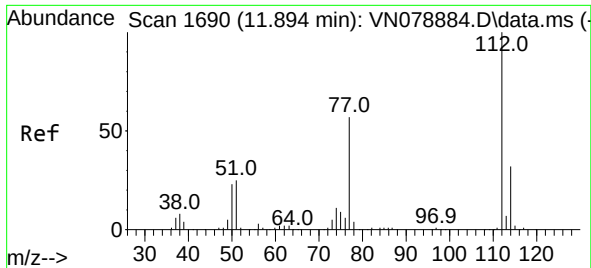
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#64
Tetrachloroethene
Concen: 70.729 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Tgt Ion:164 Resp: 109685
Ion Ratio Lower Upper
164 100
166 129.4 101.4 152.0
129 94.6 82.4 123.6
131 90.8 78.2 117.4





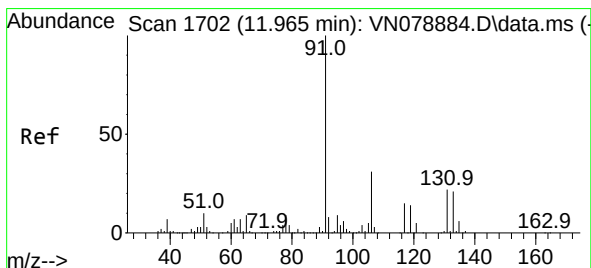
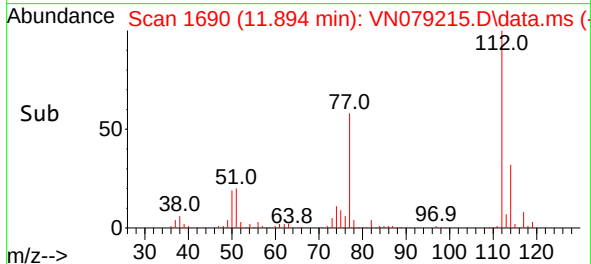
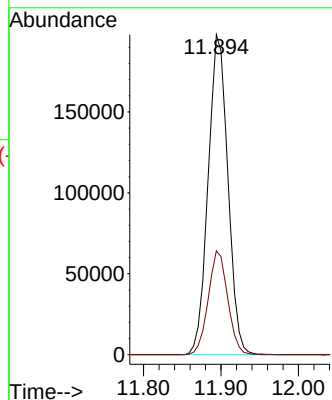
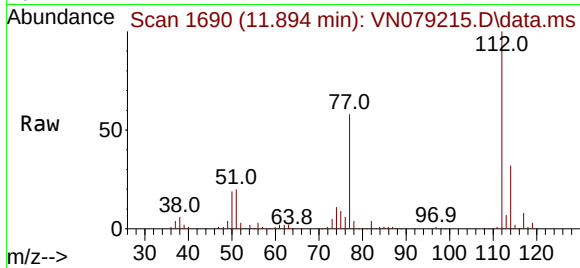
#65
Chlorobenzene
Concen: 72.562 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion:112 Resp: 34960
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4

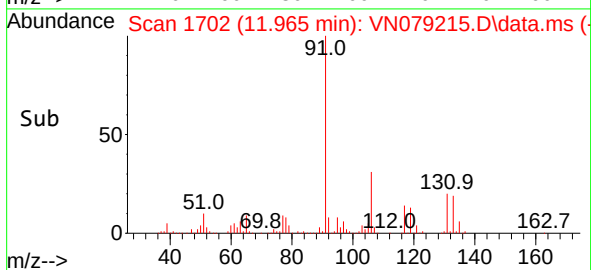
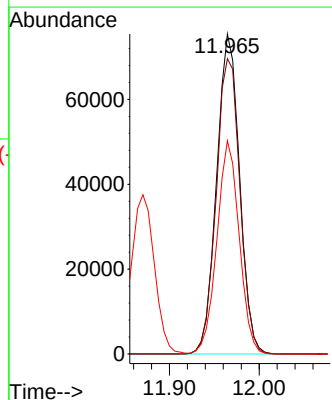
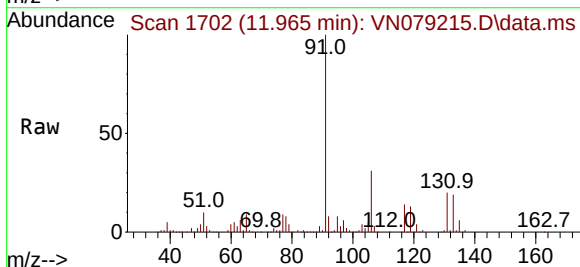
Manual Integrations
APPROVED

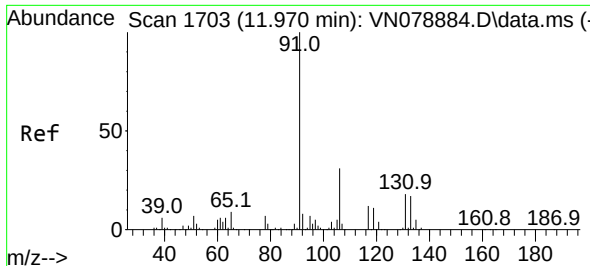
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 73.965 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

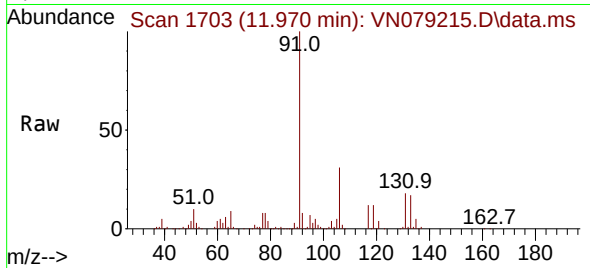
Tgt Ion:131 Resp: 133630
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 64.9 34.1 102.2





#67
Ethyl Benzene
Concen: 78.616 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

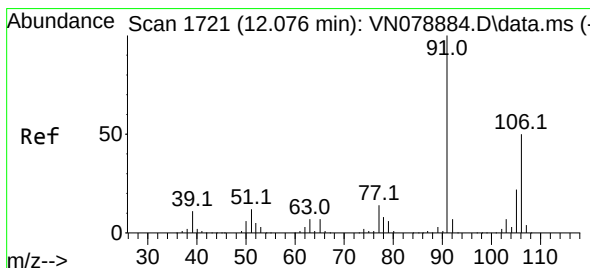
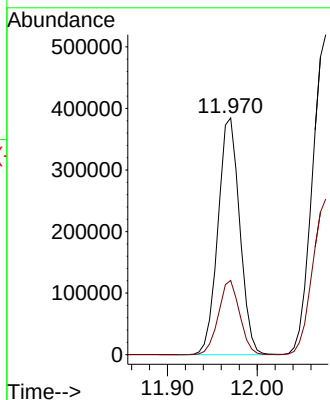
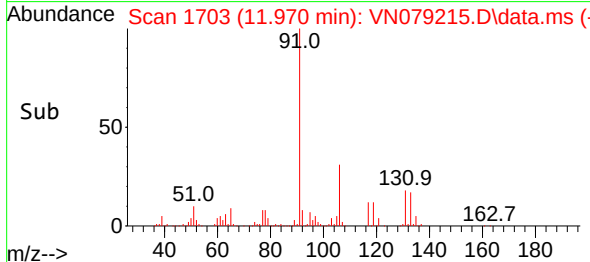
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



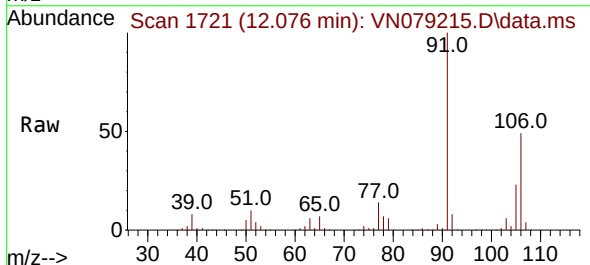
Tgt Ion: 91 Resp: 647870
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

Manual Integrations
APPROVED

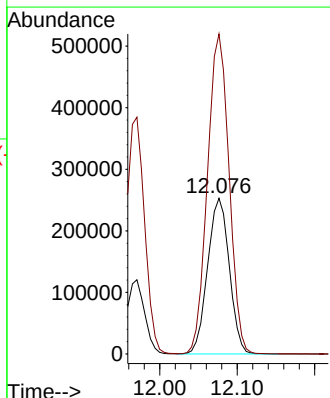
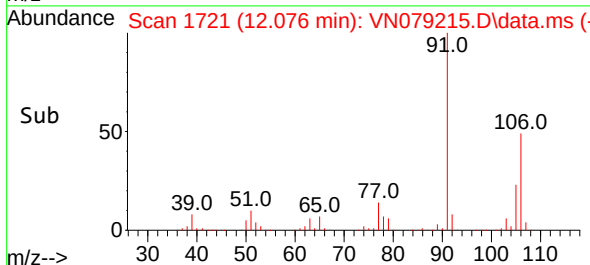
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

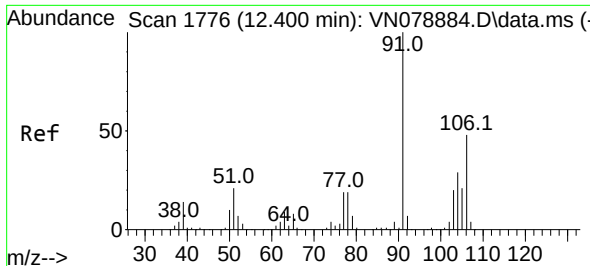


#68
m/p-Xylenes
Concen: 159.916 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31



Tgt Ion:106 Resp: 491218
Ion Ratio Lower Upper
106 100
91 205.3 159.6 239.4





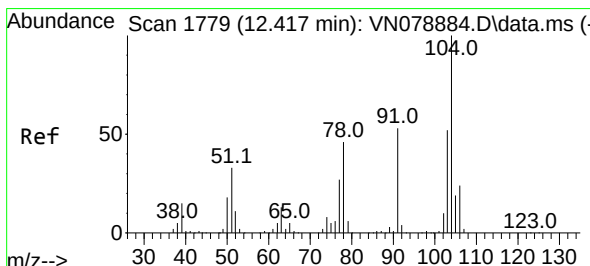
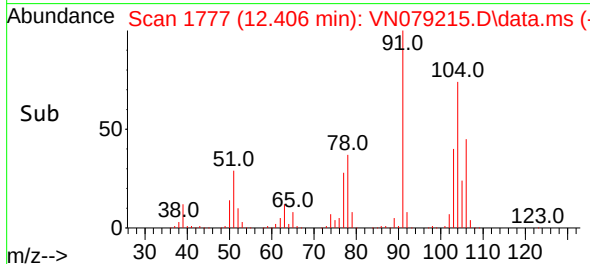
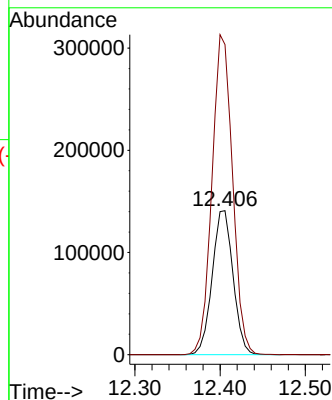
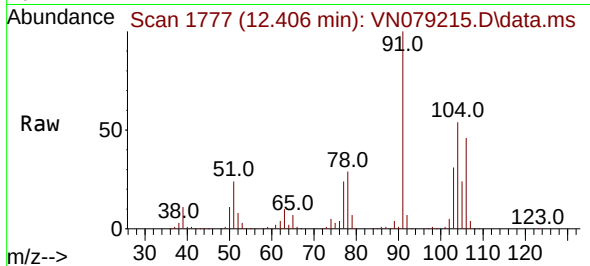
#69
o-Xylene
Concen: 81.397 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 239795
Ion Ratio Lower Upper
106 100
91 218.7 105.2 315.5

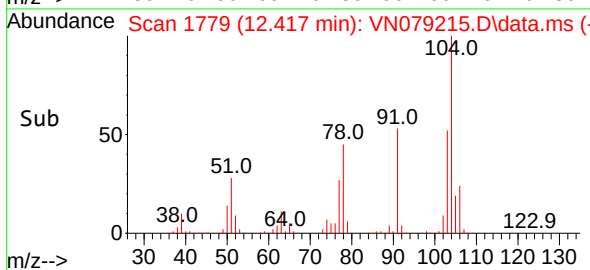
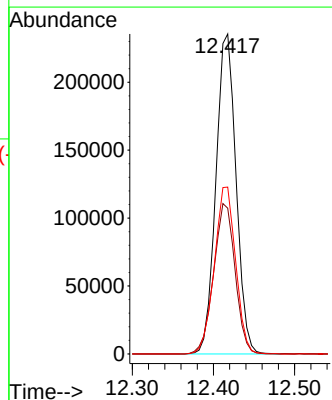
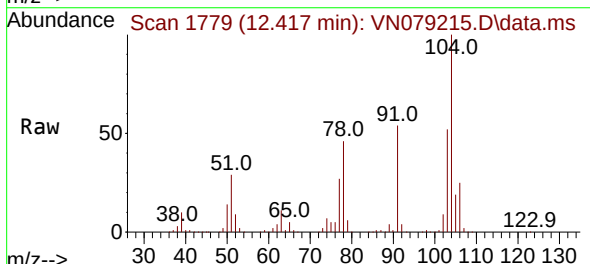
Manual Integrations
APPROVED

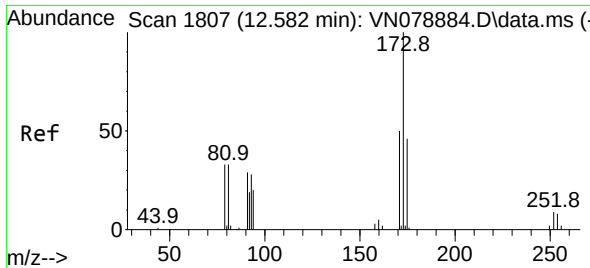
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#70
Styrene
Concen: 85.754 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

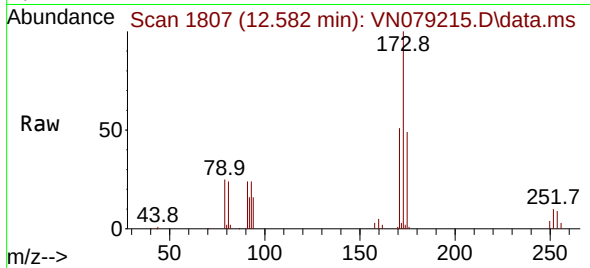
Tgt Ion:104 Resp: 406309
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 55.2 43.2 64.8





#71
Bromoform
Concen: 79.159 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

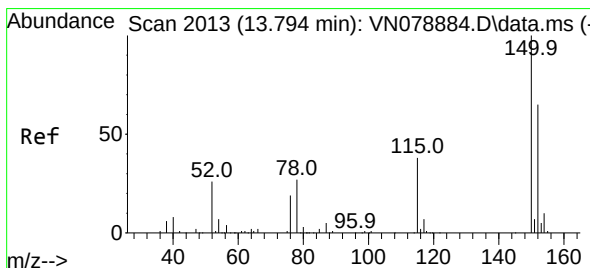
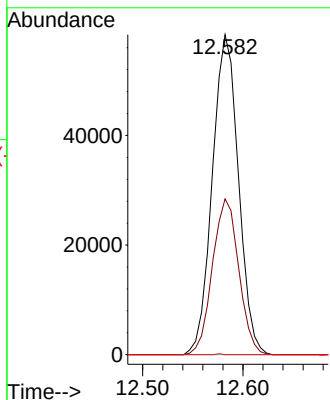
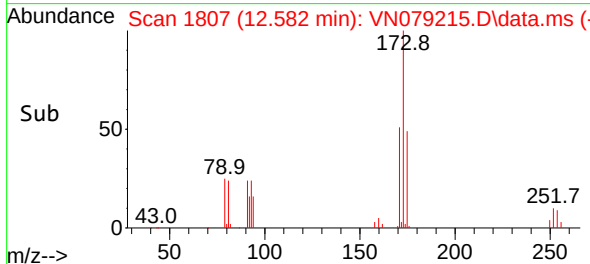
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:173 Resp: 105579
Ion Ratio Lower Upper
173 100
175 49.0 24.3 73.0
254 0.1 0.0 0.0

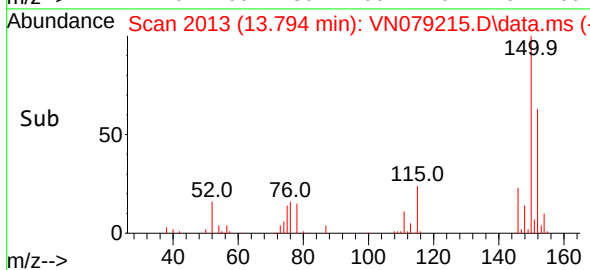
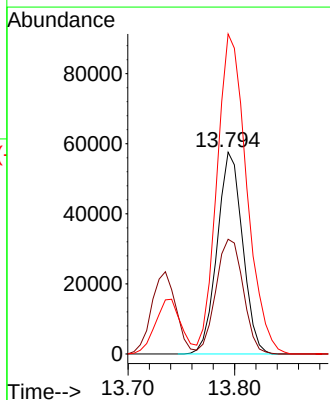
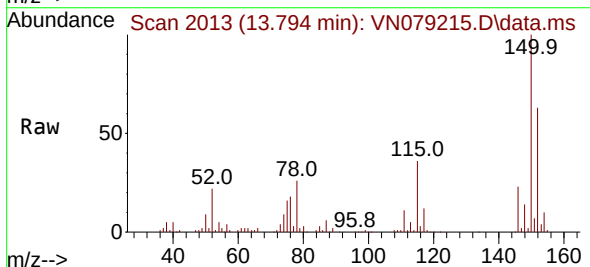
Manual Integrations
APPROVED

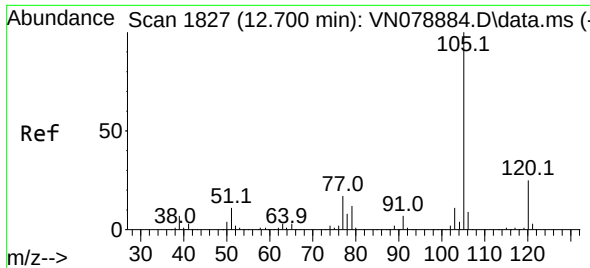
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Tgt Ion:152 Resp: 95318
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 185.6 0.0 355.8





#73
Isopropylbenzene
Concen: 69.518 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

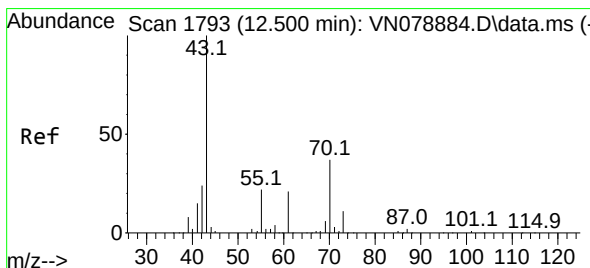
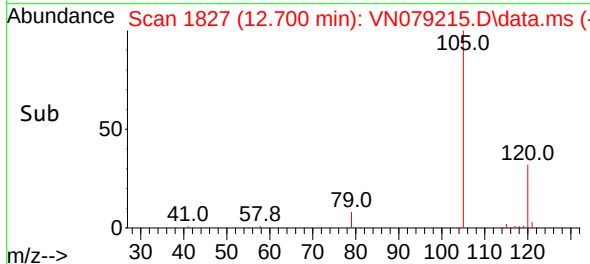
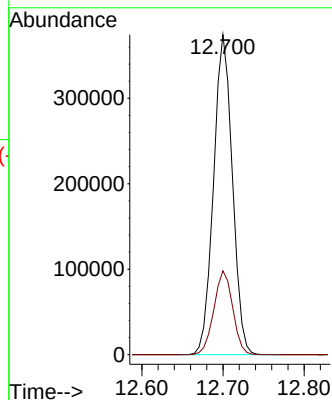
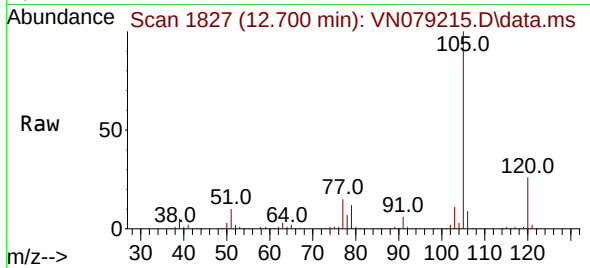
VSTDIC075

Tgt Ion:105 Resp: 602870
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

Manual Integrations

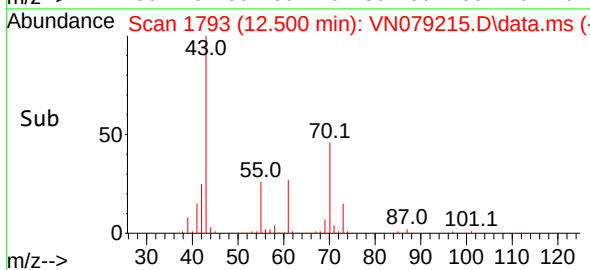
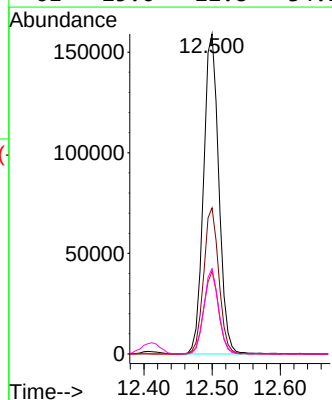
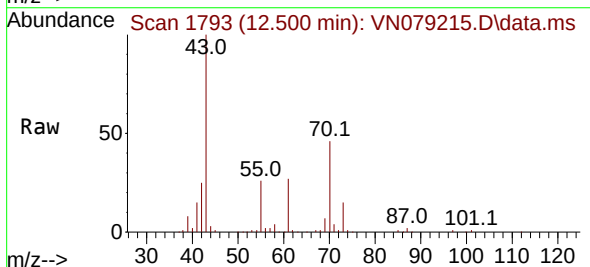
APPROVED

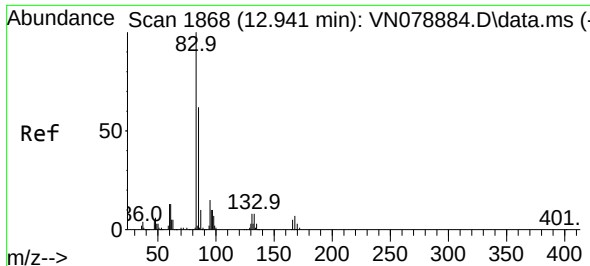
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#74
N-ethyl acetate
Concen: 75.435 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

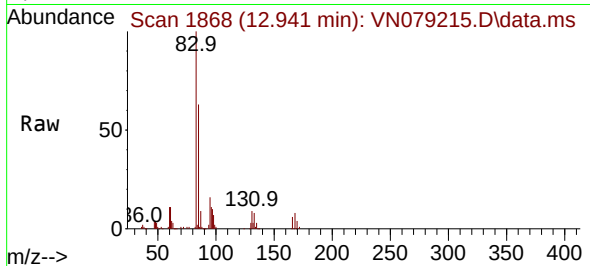
Tgt Ion: 43 Resp: 248193
Ion Ratio Lower Upper
43 100
70 45.2 43.4 65.2
55 25.0 21.4 32.0
61 25.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 60.745 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

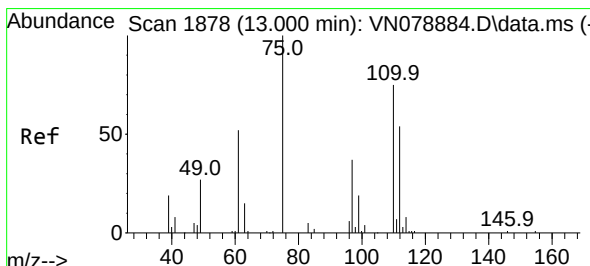
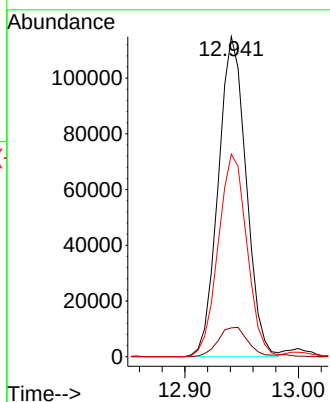
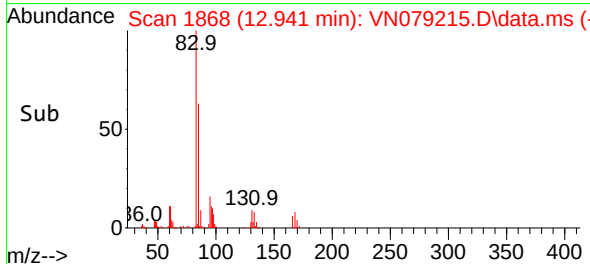
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 83 Resp: 19616
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 65.0 31.9 95.7

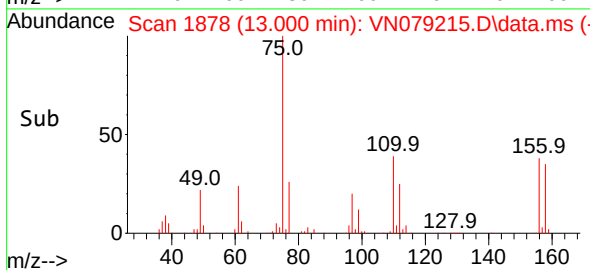
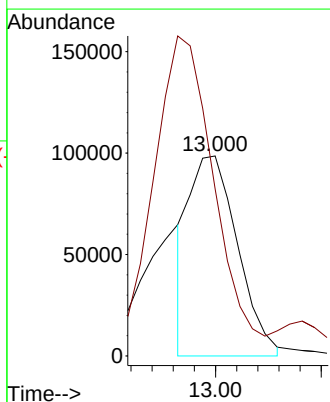
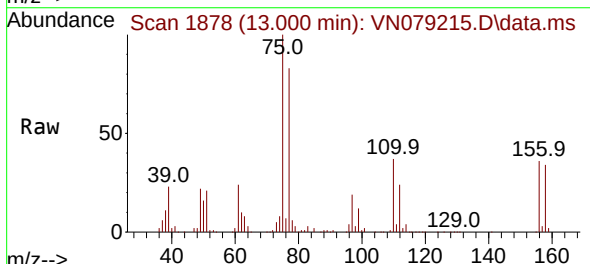
Manual Integrations
APPROVED

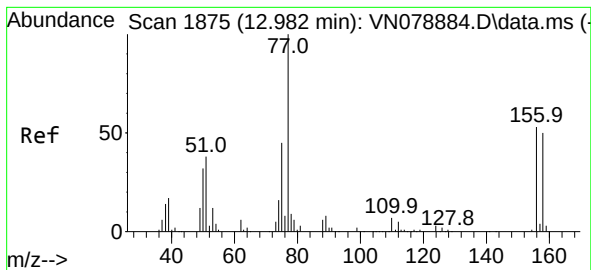
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#76
1,2,3-Trichloropropane
Concen: 63.231 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

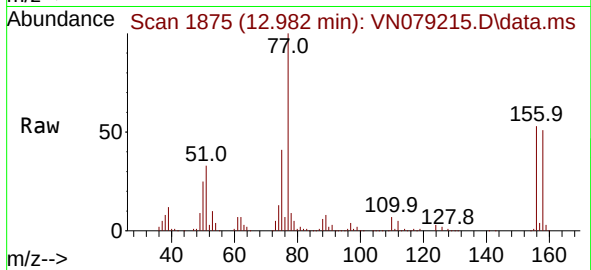
Tgt Ion: 75 Resp: 156355
Ion Ratio Lower Upper
75 100
77 202.6 84.5 253.5





#77
Bromobenzene
Concen: 67.011 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

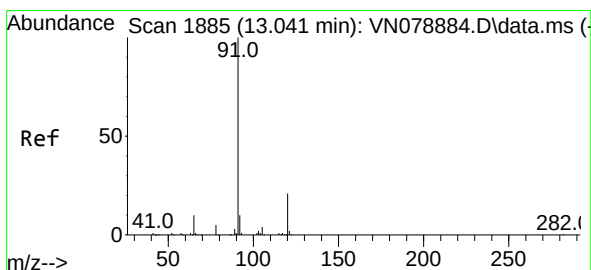
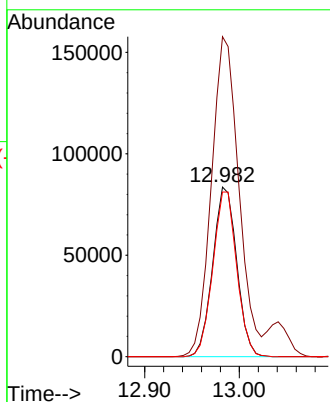
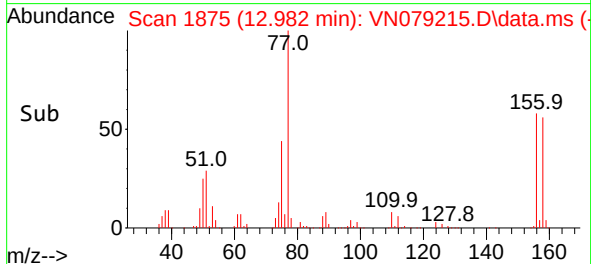
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



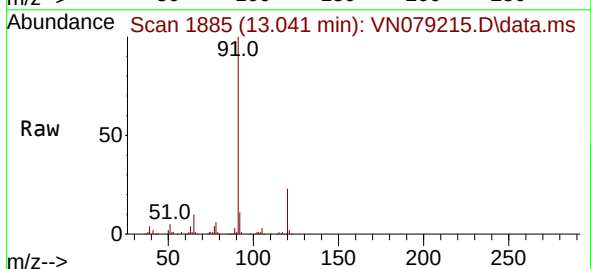
Tgt Ion:156 Resp: 147149
Ion Ratio Lower Upper
156 100
77 215.3 107.7 323.3
158 96.9 48.4 145.3

Manual Integrations
APPROVED

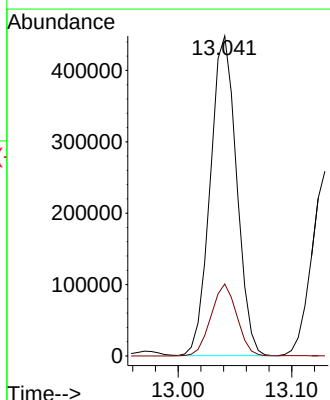
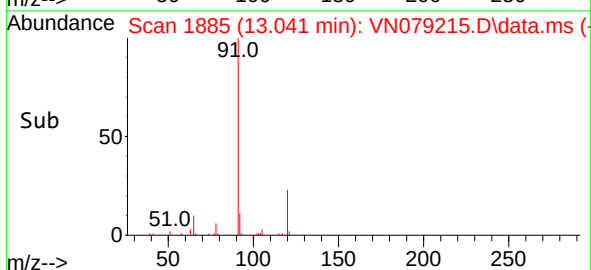
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

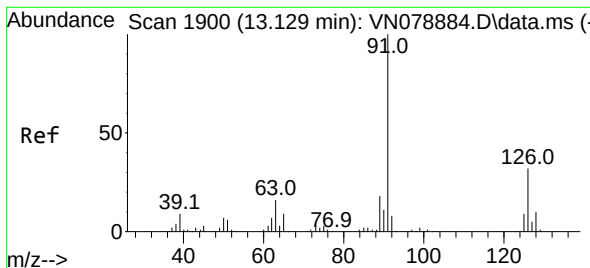


#78
n-propylbenzene
Concen: 74.018 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31



Tgt Ion: 91 Resp: 721077
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4





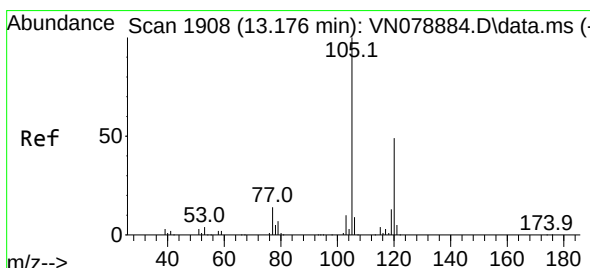
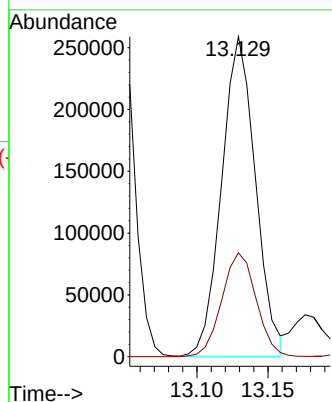
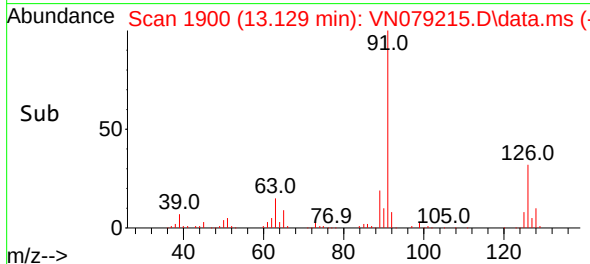
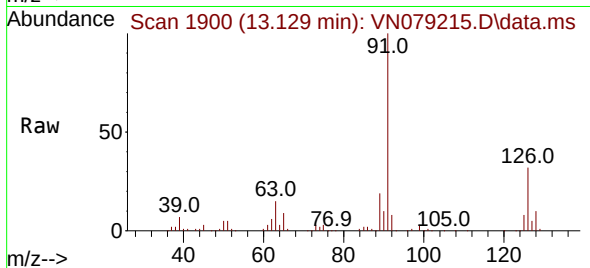
#79
2-Chlorotoluene
Concen: 67.046 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 91 Resp: 427198
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

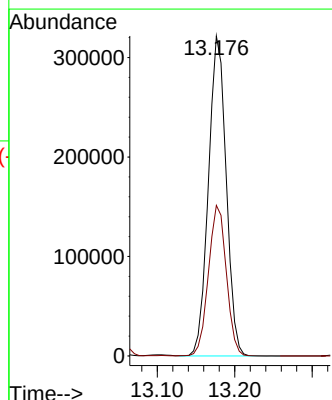
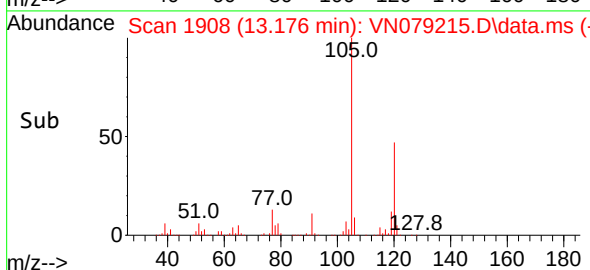
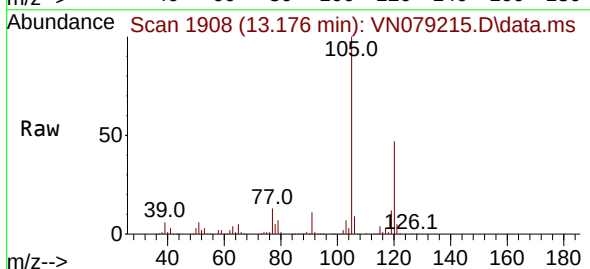
Manual Integrations
APPROVED

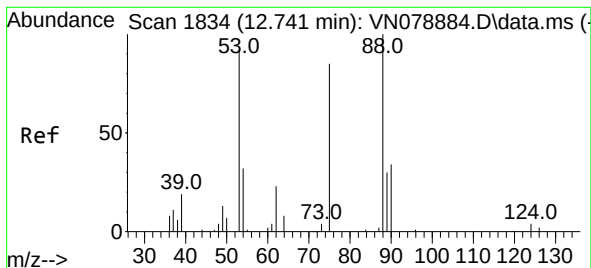
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 70.805 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

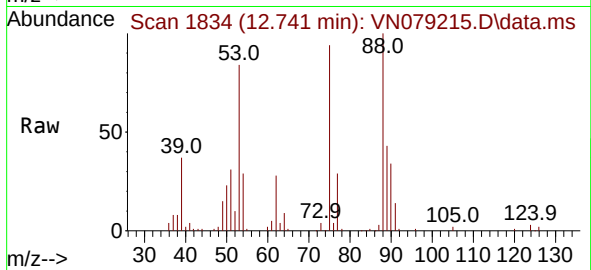
Tgt Ion:105 Resp: 511643
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 78.159 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

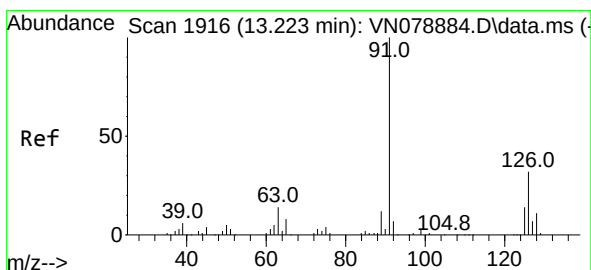
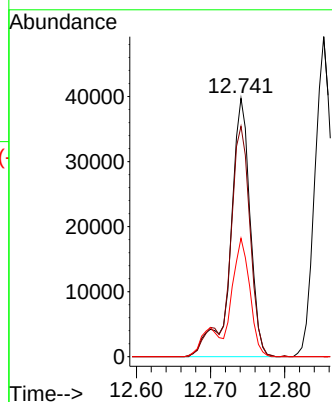
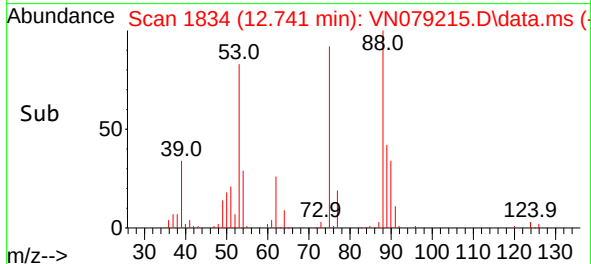
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



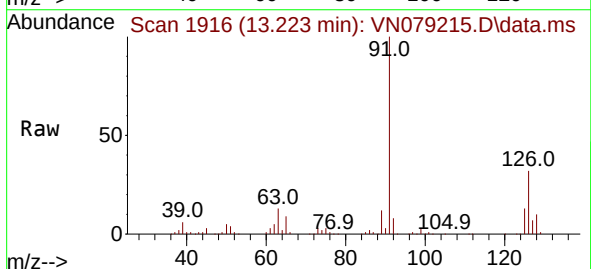
Tgt Ion: 75 Resp: 73034
Ion Ratio Lower Upper
75 100
53 84.0 67.4 101.2
89 40.1 38.8 58.2

Manual Integrations
APPROVED

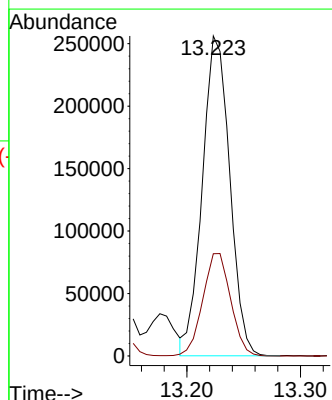
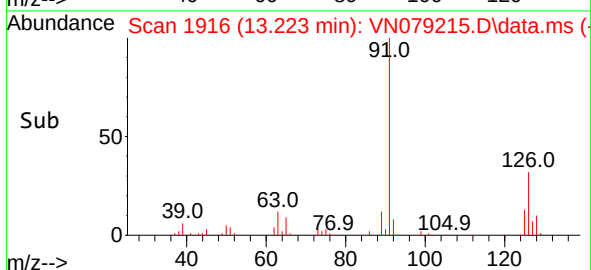
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

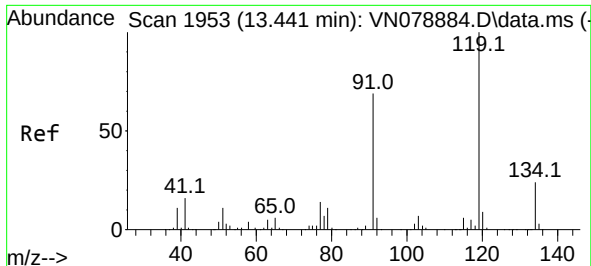


#82
4-Chlorotoluene
Concen: 71.712 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31



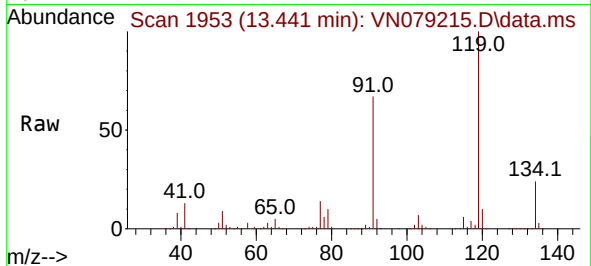
Tgt Ion: 91 Resp: 429349
Ion Ratio Lower Upper
91 100
126 32.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 72.190 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

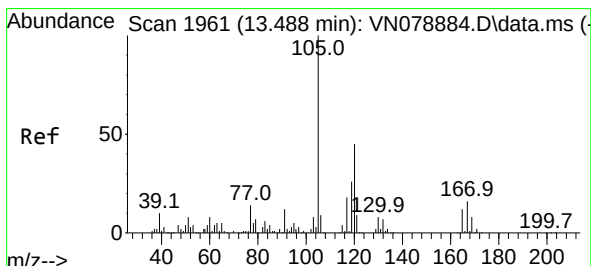
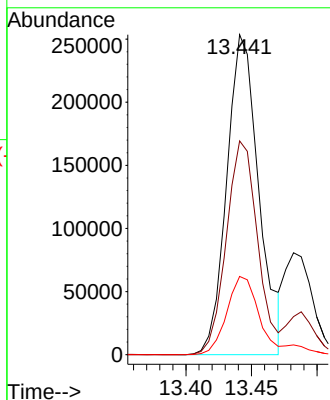
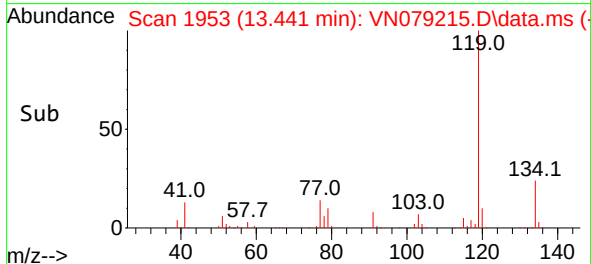
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



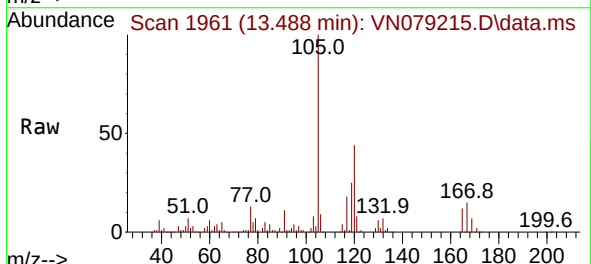
Tgt Ion:119 Resp: 43154
Ion Ratio Lower Upper
119 100
91 65.3 33.9 101.7
134 26.4 13.2 39.6

Manual Integrations
APPROVED

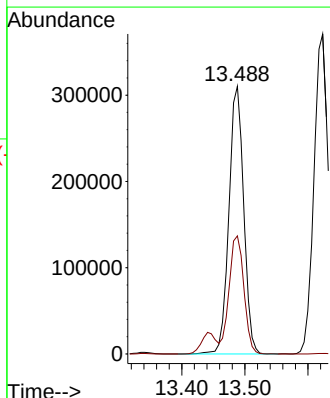
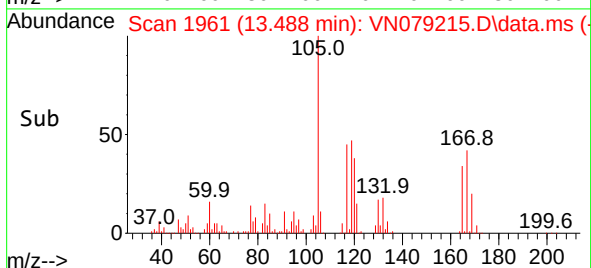
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

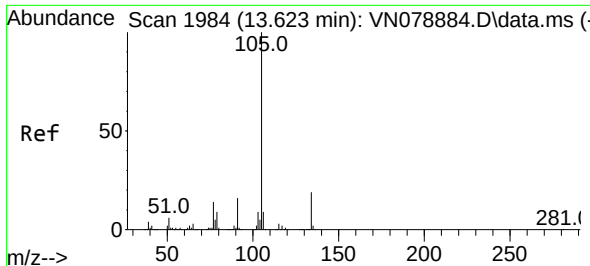


#84
1,2,4-Trimethylbenzene
Concen: 73.194 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31



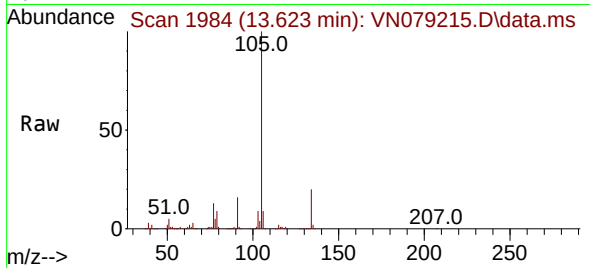
Tgt Ion:105 Resp: 503711
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 72.248 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079215.D
 Acq: 11 Sep 2023 13:31

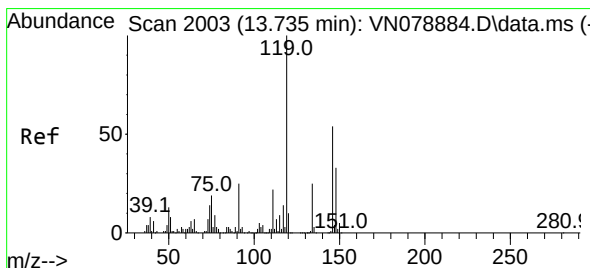
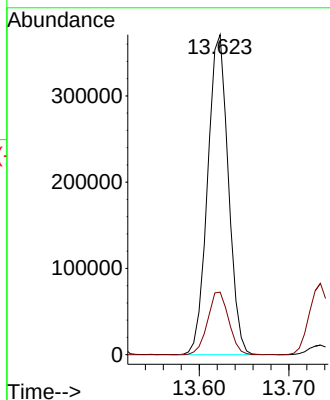
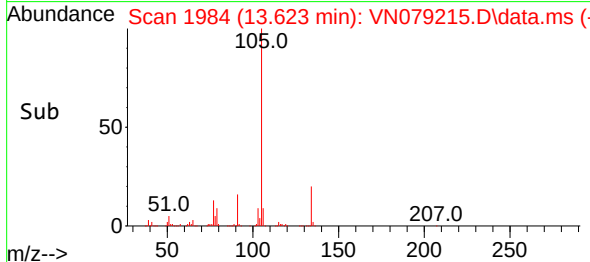
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



Tgt Ion:105 Resp: 594584
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

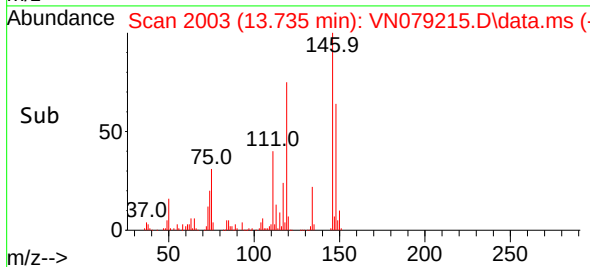
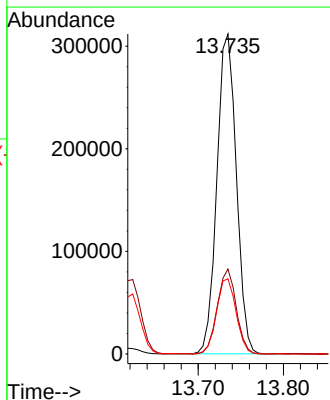
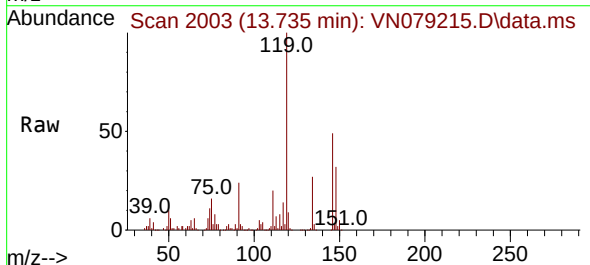
Manual Integrations
 APPROVED

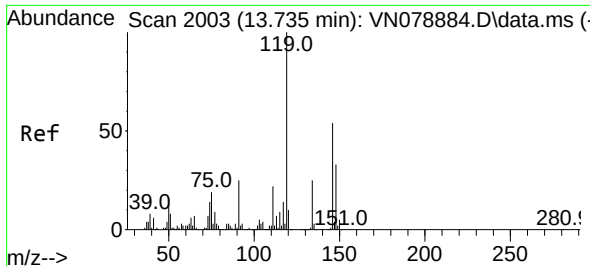
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#86
 p-Isopropyltoluene
 Concen: 75.229 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079215.D
 Acq: 11 Sep 2023 13:31

Tgt Ion:119 Resp: 494627
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 23.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 71.998 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079215.D

Acq: 11 Sep 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:146 Resp: 259315

Ion Ratio Lower Upper

146 100

111 40.1 22.1 66.3

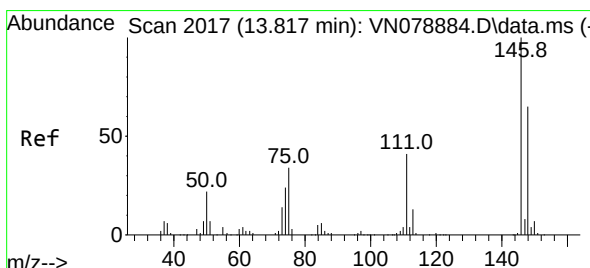
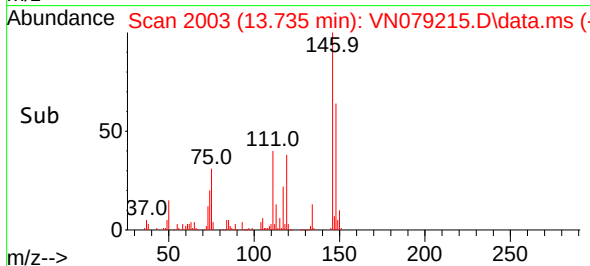
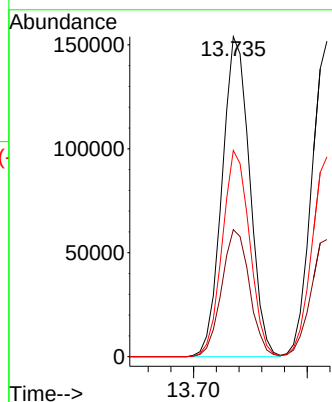
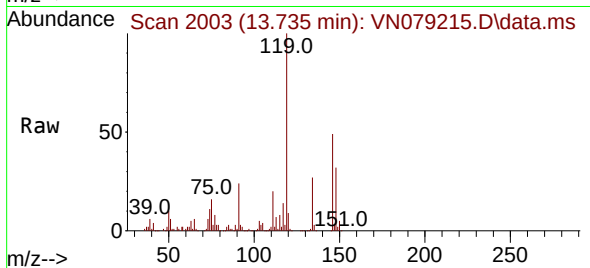
148 64.2 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#88

1,4-Dichlorobenzene

Concen: 69.634 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.001 min

Lab File: VN079215.D

Acq: 11 Sep 2023 13:31

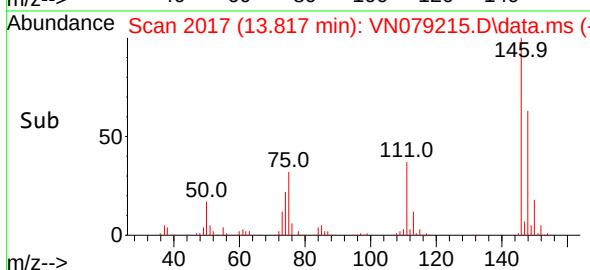
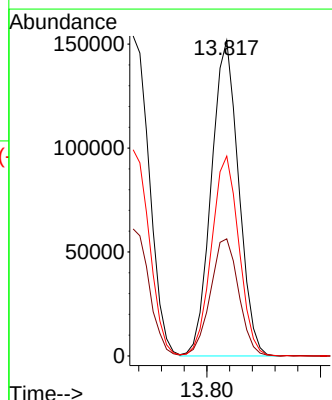
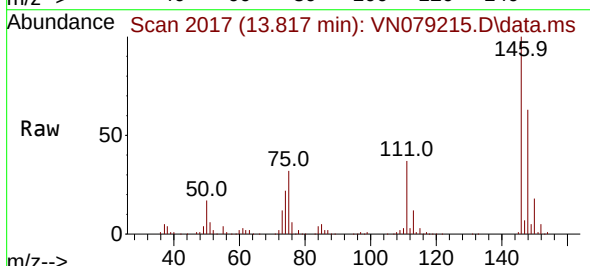
Tgt Ion:146 Resp: 253427

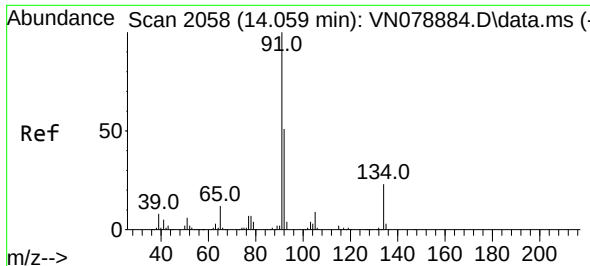
Ion Ratio Lower Upper

146 100

111 38.4 20.6 61.8

148 63.6 31.6 94.8





#89

n-Butylbenzene

Concen: 77.686 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079215.D

Acq: 11 Sep 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

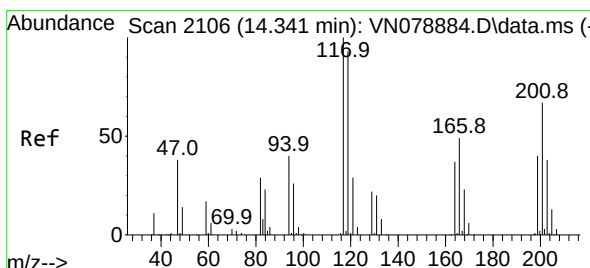
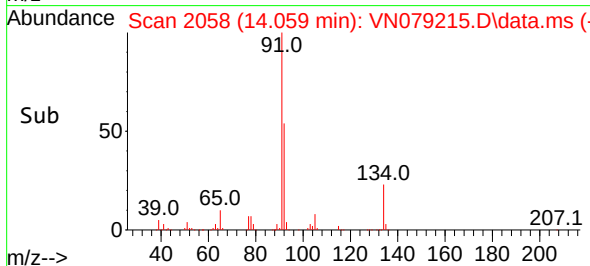
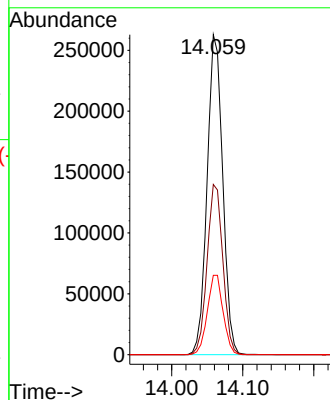
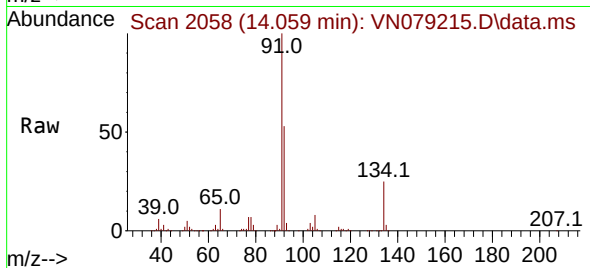
Tgt Ion:	91	Resp:	401664
Ion Ratio	Lower	Upper	
91	100		
92	53.7	26.4	79.0
134	25.1	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#90

Hexachloroethane

Concen: 67.935 ug/l

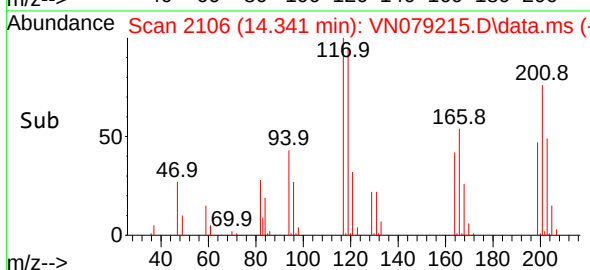
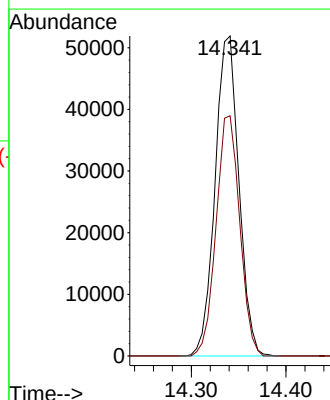
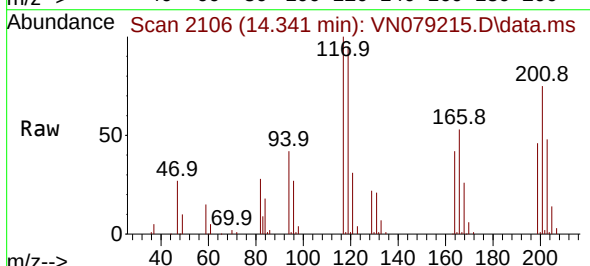
RT: 14.341 min Scan# 2106

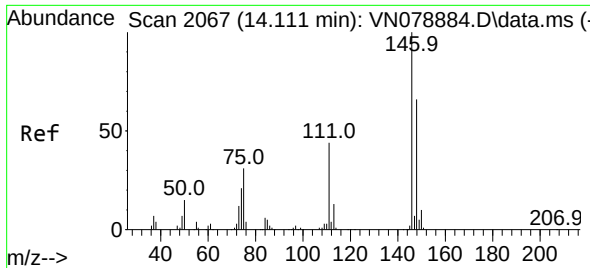
Delta R.T. 0.006 min

Lab File: VN079215.D

Acq: 11 Sep 2023 13:31

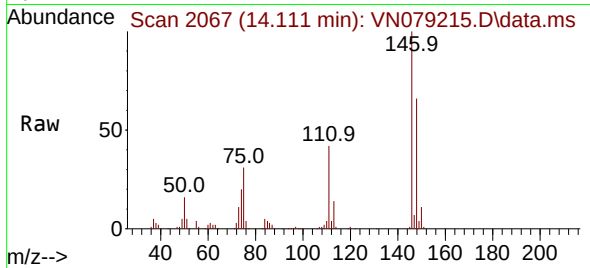
Tgt Ion:	117	Resp:	90707
Ion Ratio	Lower	Upper	
117	100		
201	74.4	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 70.215 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

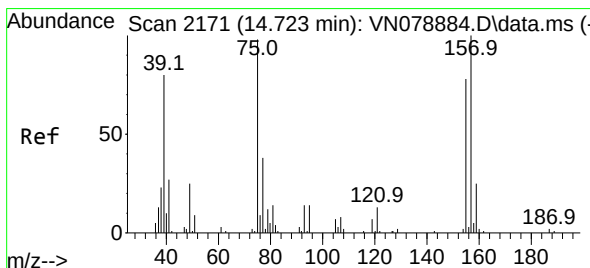
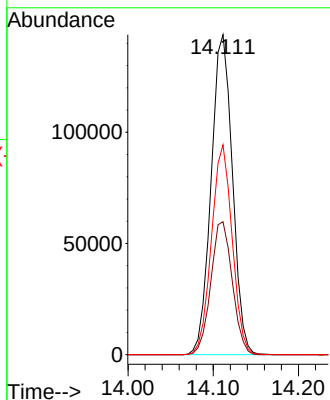
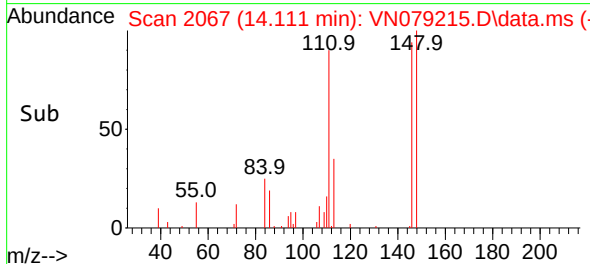
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:146 Resp: 249652
Ion Ratio Lower Upper
146 100
111 41.9 22.0 66.0
148 63.9 31.8 95.3

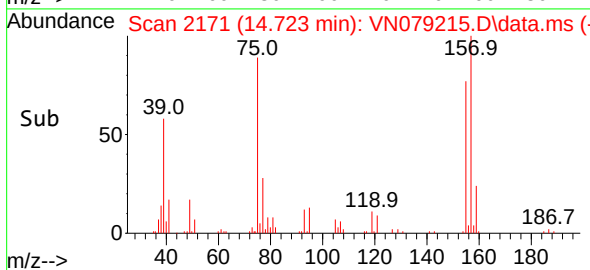
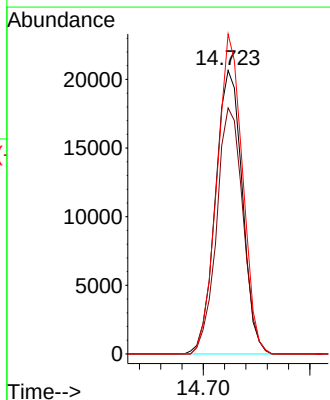
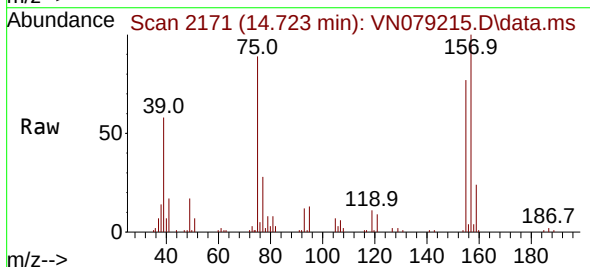
Manual Integrations
APPROVED

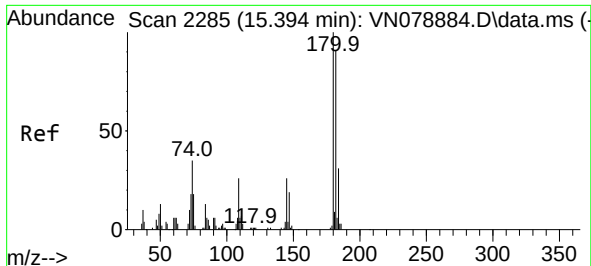
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 70.995 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

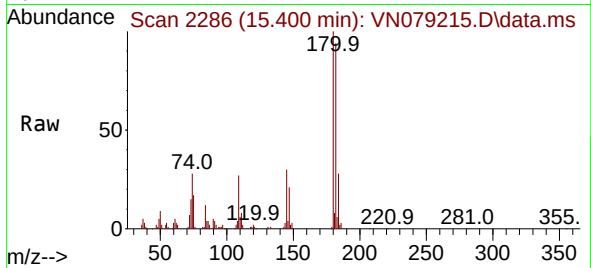
Tgt Ion: 75 Resp: 36126
Ion Ratio Lower Upper
75 100
155 85.2 39.1 117.2
157 107.8 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 86.536 ug/l
RT: 15.400 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

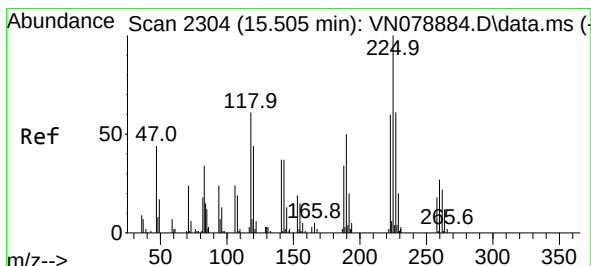
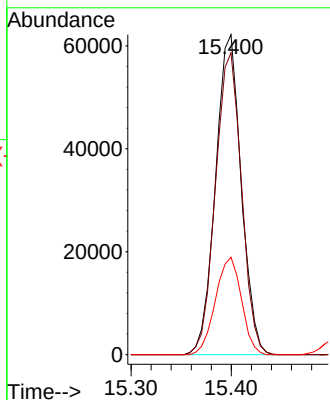
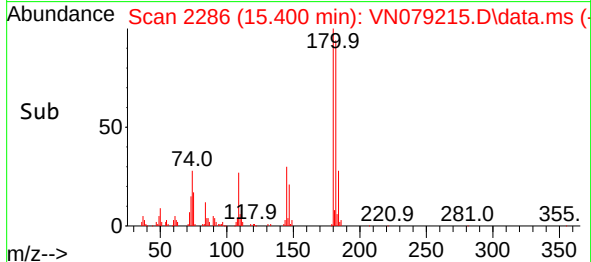
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:180 Resp: 11056
Ion Ratio Lower Upper
180 100
182 95.6 46.1 138.2
145 30.8 16.6 49.8

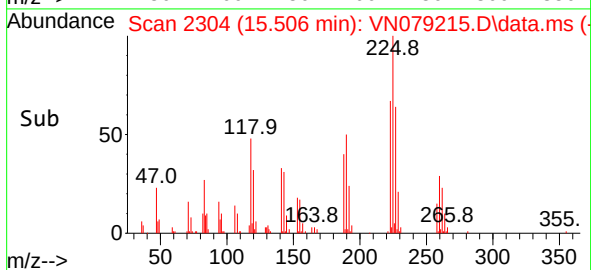
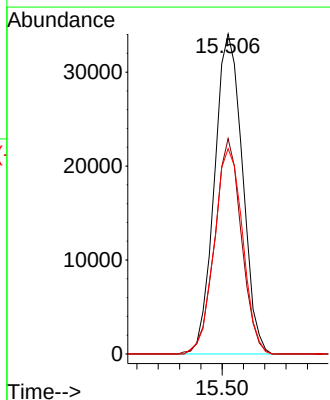
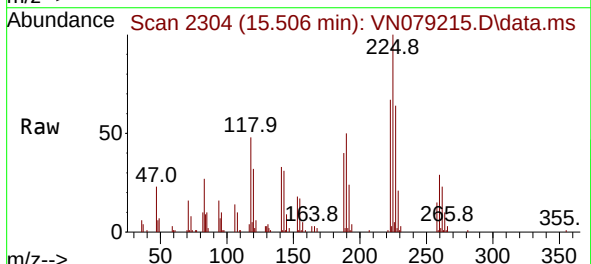
Manual Integrations
APPROVED

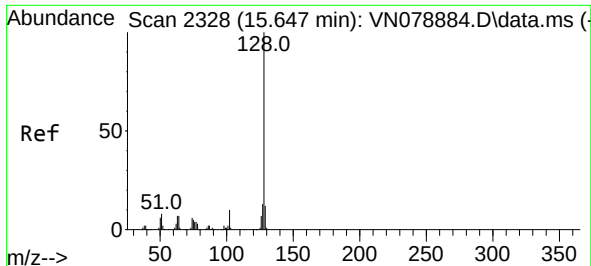
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#94
Hexachlorobutadiene
Concen: 61.674 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

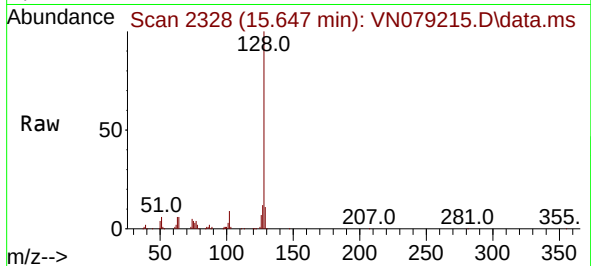
Tgt Ion:225 Resp: 61989
Ion Ratio Lower Upper
225 100
223 64.2 31.3 93.8
227 65.0 31.9 95.9





#95
Naphthalene
Concen: 87.909 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31

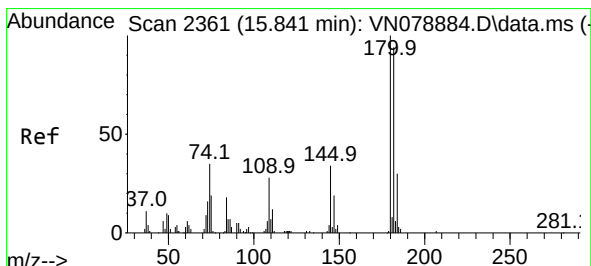
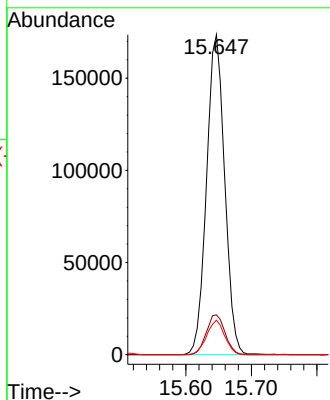
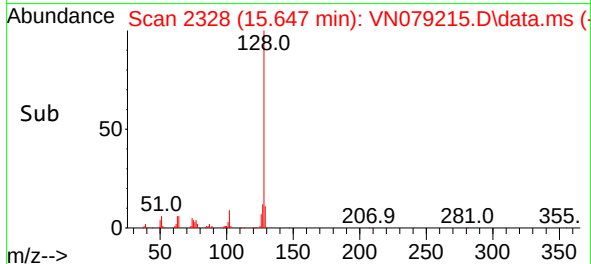
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



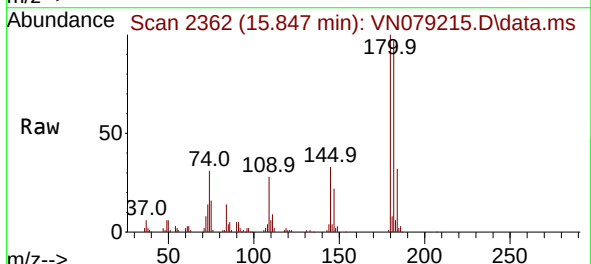
Tgt Ion:128 Resp: 333600
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 74.784 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079215.D
Acq: 11 Sep 2023 13:31



Tgt Ion:180 Resp: 112713
Ion Ratio Lower Upper
180 100
182 96.7 46.2 138.6
145 32.5 17.5 52.6

