

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084216.D
 Acq On : 30 Sep 2024 13:37
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 01 06:49:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 06:46:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/01/2024
 Supervised By : Mahesh Dadoda 10/01/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	176243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	25083	9.599	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	19.200%#		
35) Dibromofluoromethane	8.165	113	19289	9.594	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.180%#		
50) Toluene-d8	10.565	98	70000	9.463	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	18.920%#		
62) 4-Bromofluorobenzene	12.847	95	24756	9.186	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	18.380%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	19806	9.501	ug/l	96
3) Chloromethane	2.359	50	22840	9.595	ug/l	97
4) Vinyl Chloride	2.518	62	22584	9.795	ug/l	97
5) Bromomethane	2.965	94	14957	9.835	ug/l	96
6) Chloroethane	3.124	64	15254	9.238	ug/l	89
7) Trichlorofluoromethane	3.494	101	33820	9.420	ug/l	99
8) Diethyl Ether	3.965	74	12422	9.328	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	18747	9.113	ug/l	98
10) Methyl Iodide	4.594	142	24268	9.160	ug/l	96
11) Tert butyl alcohol	5.512	59	20490	47.553	ug/l #	86
12) 1,1-Dichloroethene	4.341	96	18798	9.473	ug/l	86
13) Acrolein	4.183	56	22976	46.448	ug/l	98
14) Allyl chloride	5.024	41	31571	9.161	ug/l	98
15) Acrylonitrile	5.718	53	52809	48.533	ug/l	99
16) Acetone	4.424	43	52518	46.785	ug/l	96
17) Carbon Disulfide	4.718	76	58158	9.257	ug/l	99
18) Methyl Acetate	5.024	43	24366	9.959	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	63531	9.486	ug/l	94
20) Methylene Chloride	5.277	84	21801	9.554	ug/l	87
21) trans-1,2-Dichloroethene	5.788	96	20107	9.672	ug/l	85
22) Diisopropyl ether	6.671	45	66959	9.393	ug/l	97
23) Vinyl Acetate	6.606	43	248594	46.769	ug/l	98
24) 1,1-Dichloroethane	6.571	63	38215	9.586	ug/l	99
25) 2-Butanone	7.482	43	73877	48.320	ug/l	99
26) 2,2-Dichloropropane	7.488	77	34655	9.641	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	23095	9.193	ug/l	98
28) Bromochloromethane	7.812	49	14904	8.379	ug/l	100
29) Tetrahydrofuran	7.835	42	46917	49.725	ug/l	99
30) Chloroform	7.965	83	39355	9.504	ug/l	90
31) Cyclohexane	8.253	56	36916	9.538	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	35869	9.645	ug/l #	87
36) 1,1-Dichloropropene	8.377	75	28525	9.767	ug/l	99
37) Ethyl Acetate	7.565	43	29754	9.931	ug/l #	81
38) Carbon Tetrachloride	8.365	117	30964	9.665	ug/l	92
39) Methylcyclohexane	9.600	83	30932	9.516	ug/l	95
40) Benzene	8.606	78	86029	9.454	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	15332	9.426	ug/l	97
42) 1,2-Dichloroethane	8.671	62	30402	9.855	ug/l	97
43) Isopropyl Acetate	8.688	43	52246	8.906	ug/l	99
44) Trichloroethene	9.347	130	20092	9.454	ug/l	99
45) 1,2-Dichloropropane	9.618	63	20703	9.618	ug/l	96
46) Dibromomethane	9.706	93	13770	9.479	ug/l	95
47) Bromodichloromethane	9.888	83	30289	9.385	ug/l #	98
48) Methyl methacrylate	9.682	41	22612	9.679	ug/l	98
49) 1,4-Dioxane	9.694	88	8627	200.587	ug/l #	78
51) 4-Methyl-2-Pentanone	10.441	43	142632	50.007	ug/l	99
52) Toluene	10.629	92	52537	9.468	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	31555	9.592	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	34684	9.802	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	19245	9.675	ug/l	97
56) Ethyl methacrylate	10.870	69	31262	9.551	ug/l	97
57) 1,3-Dichloropropane	11.165	76	33613	9.457	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	71035	46.784	ug/l	99
59) 2-Hexanone	11.194	43	103615	48.604	ug/l	100
60) Dibromochloromethane	11.359	129	22833	9.715	ug/l	99
61) 1,2-Dibromoethane	11.470	107	19220	9.299	ug/l	95
64) Tetrachloroethene	11.100	164	17743	9.711	ug/l	97
65) Chlorobenzene	11.894	112	56099	9.645	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	19227	9.597	ug/l	97
67) Ethyl Benzene	11.964	91	96533	9.385	ug/l	97
68) m/p-Xylenes	12.070	106	72910	19.162	ug/l	100
69) o-Xylene	12.394	106	34965	9.713	ug/l	100
70) Styrene	12.412	104	58367	9.572	ug/l	99
71) Bromoform	12.576	173	13618	9.233	ug/l #	96
73) Isopropylbenzene	12.694	105	88000	9.638	ug/l	99
74) N-ethyl acetate	12.494	43	40801	9.868	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	26966	9.822	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	23907m	10.024	ug/l	
77) Bromobenzene	12.982	156	21439	9.734	ug/l	99
78) n-propylbenzene	13.035	91	105334	9.957	ug/l	99
79) 2-Chlorotoluene	13.123	91	65511	9.704	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	73637	9.887	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	10237	10.047	ug/l	94
82) 4-Chlorotoluene	13.223	91	66449	9.778	ug/l	99
83) tert-Butylbenzene	13.435	119	64152	9.691	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	74245	9.895	ug/l	99
85) sec-Butylbenzene	13.611	105	88913	10.065	ug/l	100
86) p-Isopropyltoluene	13.729	119	71675	9.812	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	39402	9.536	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	39191	9.392	ug/l	97
89) n-Butylbenzene	14.053	91	61422	9.273	ug/l	99
90) Hexachloroethane	14.335	117	14560	9.820	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	38594	9.526	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	5799	10.235	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	18960	9.501	ug/l	99
94) Hexachlorobutadiene	15.500	225	9592	9.638	ug/l	95
95) Naphthalene	15.635	128	63596	9.613	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	19629	9.826	ug/l	97

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ClientSampleId :
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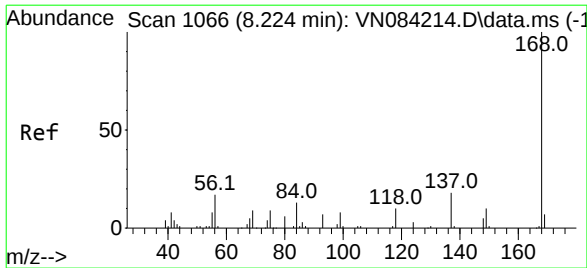
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/01/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 06:46:32 2024
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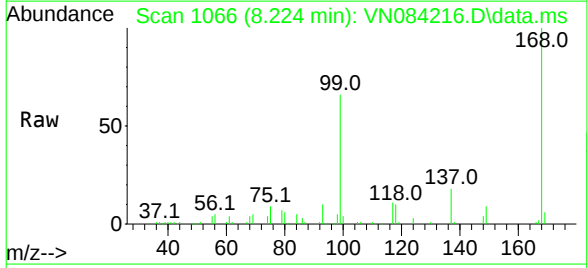
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

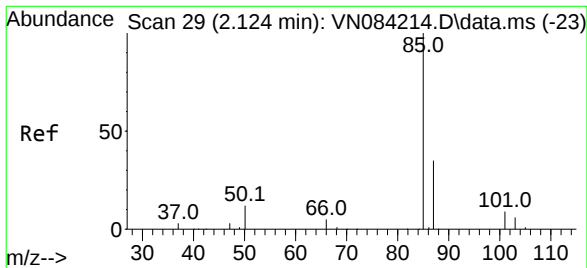
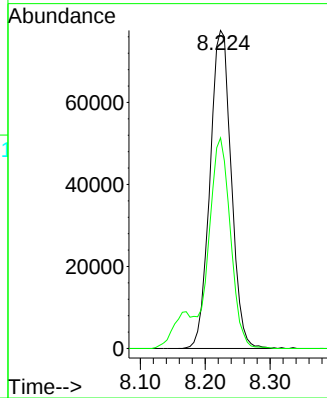
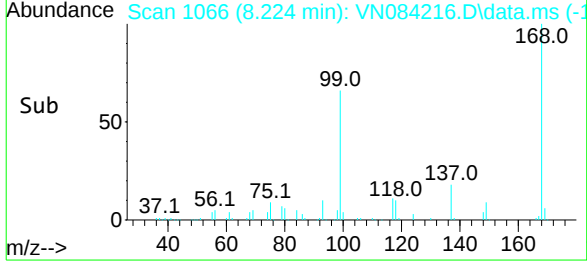
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



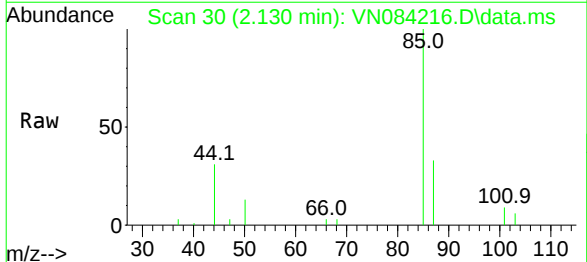
Tgt Ion:168 Resp: 176243
Ion Ratio Lower Upper
168 100
99 66.2 54.2 81.2

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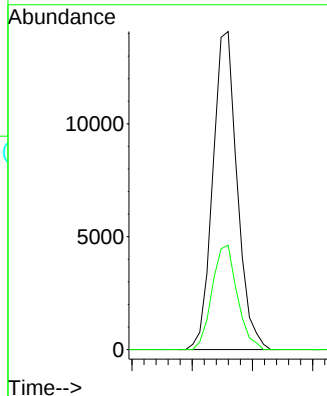
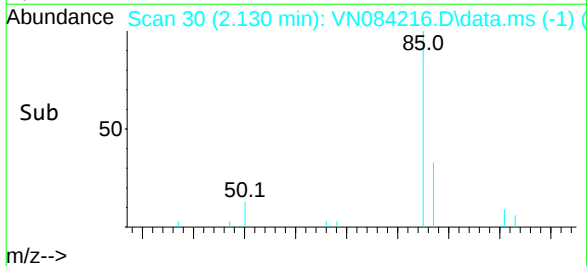
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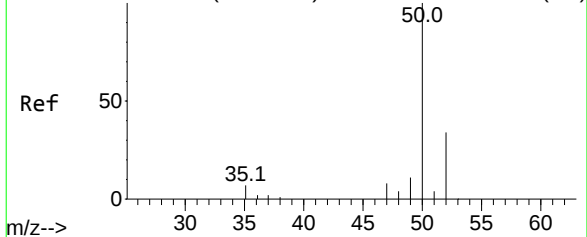
#2
Dichlorodifluoromethane
Concen: 9.501 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37



Tgt Ion: 85 Resp: 19806
Ion Ratio Lower Upper
85 100
87 32.8 17.6 52.9



Abundance Scan 69 (2.359 min): VN084214.D\data.ms (-63)



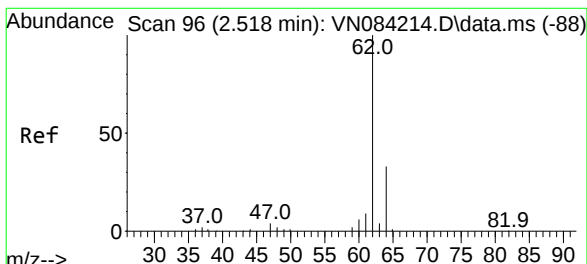
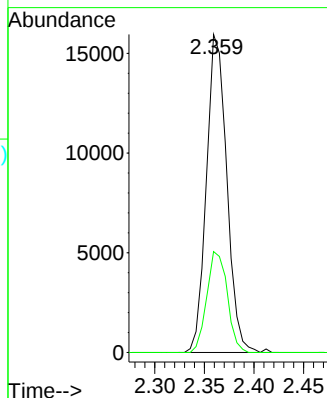
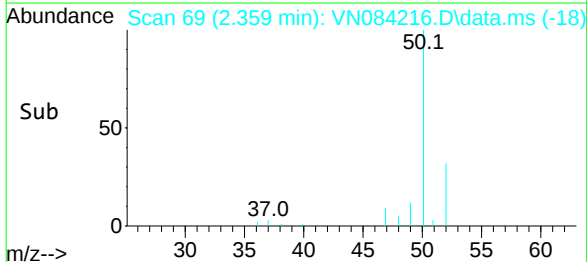
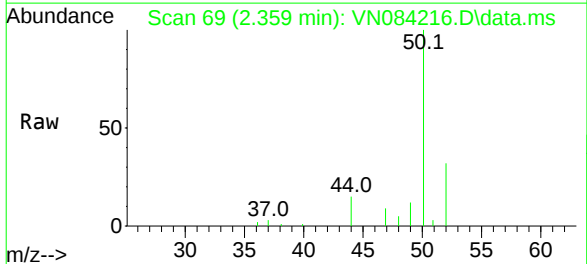
#3
Chloromethane
Concen: 9.595 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion	Ratio	Lower	Upper
50	100		
52	31.7	26.8	40.2

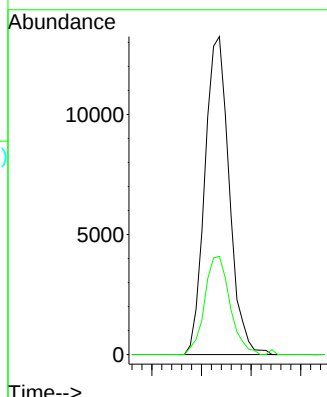
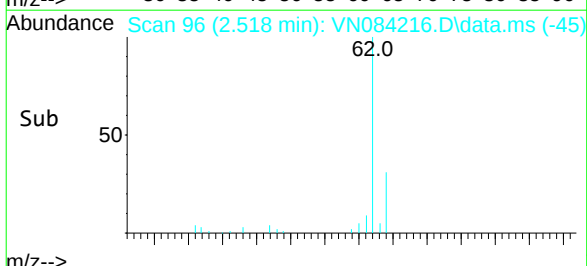
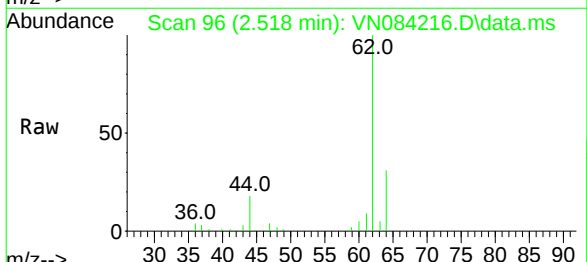
Manual Integrations
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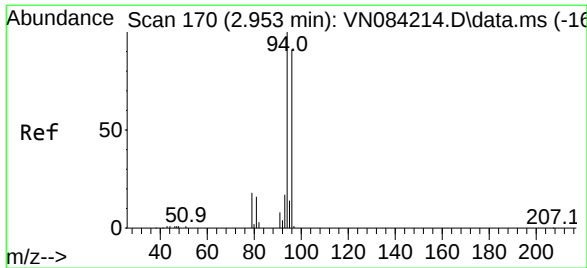
Reviewed By :John Carlone 10/01/2024
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#4
Vinyl Chloride
Concen: 9.795 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.9	26.2	39.4





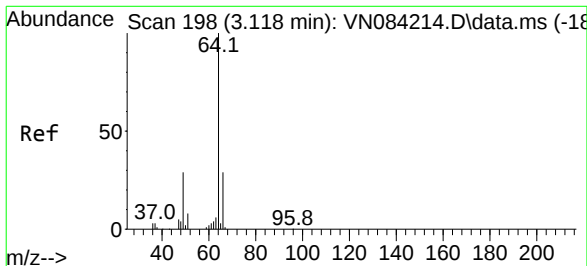
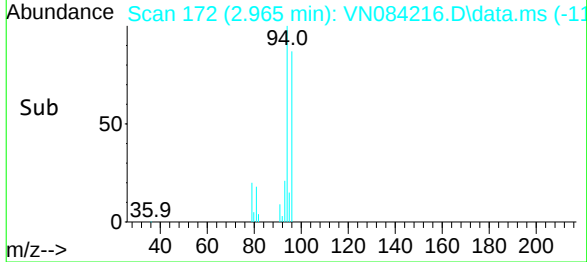
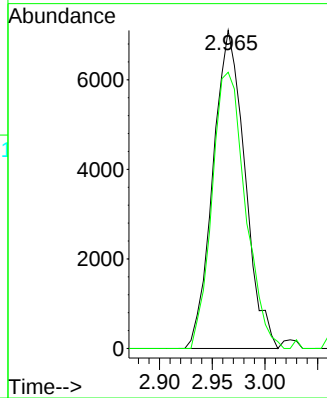
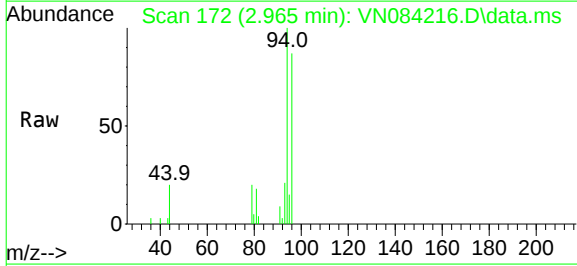
#5
Bromomethane
Concen: 9.835 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.012 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 14957
Ion Ratio Lower Upper
94 100
96 86.8 72.9 109.3

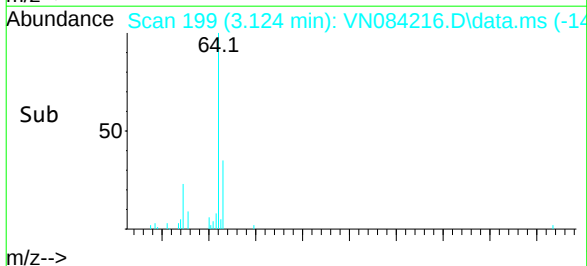
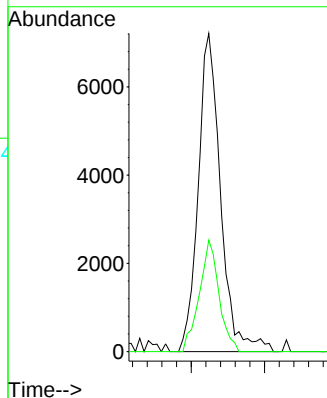
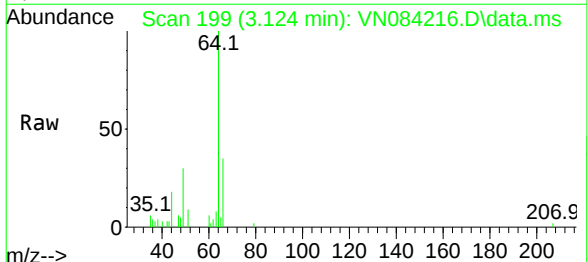
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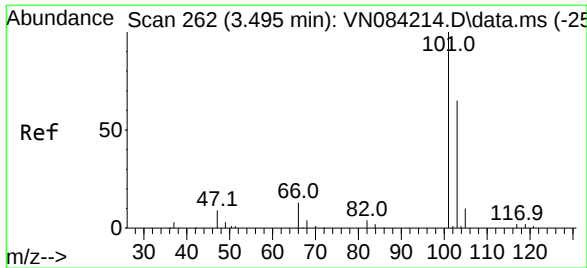
Reviewed By :John Carlone 10/01/2024
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#6
Chloroethane
Concen: 9.238 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084216.D
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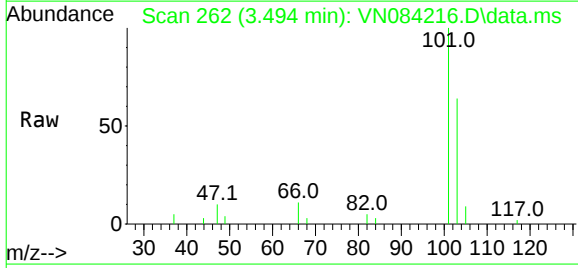
Tgt Ion: 64 Resp: 15254
Ion Ratio Lower Upper
64 100
66 35.0 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 9.420 ug/l
 RT: 3.494 min Scan# 261
 Delta R.T. -0.000 min
 Lab File: VN084216.D
 Acq: 30 Sep 2024 13:37

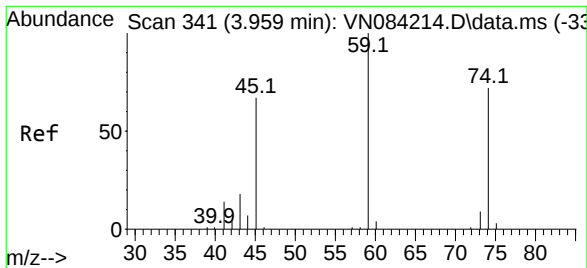
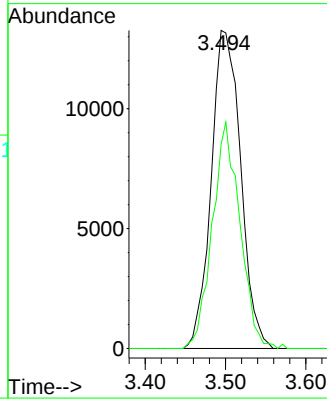
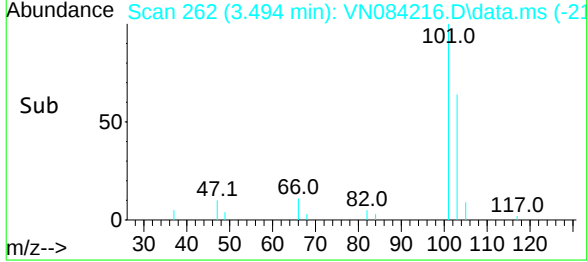
Instrument :
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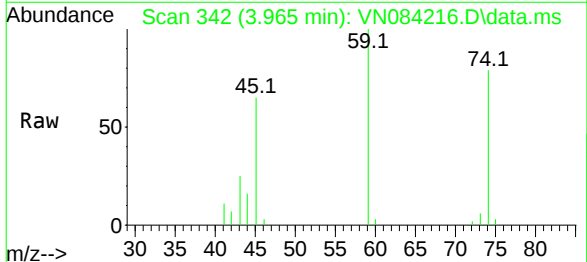
Tgt Ion: 101 Resp: 33820
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.8 77.6

Manual Integrations
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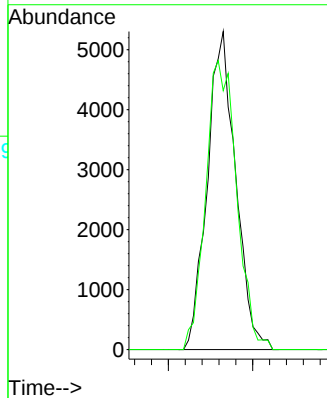
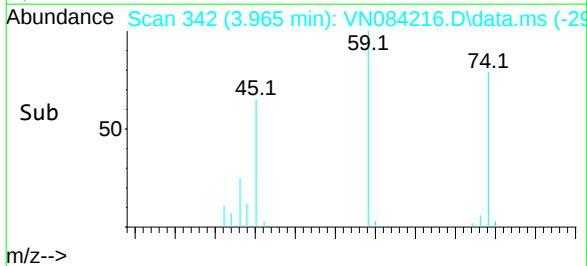
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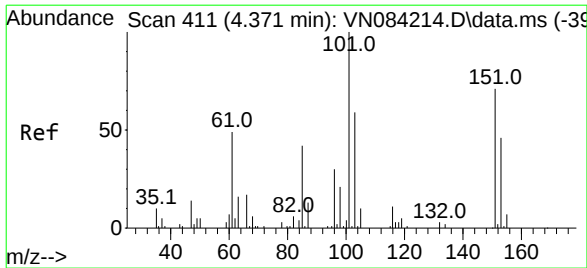


#8
 Diethyl Ether
 Concen: 9.328 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN084216.D
 Acq: 30 Sep 2024 13:37



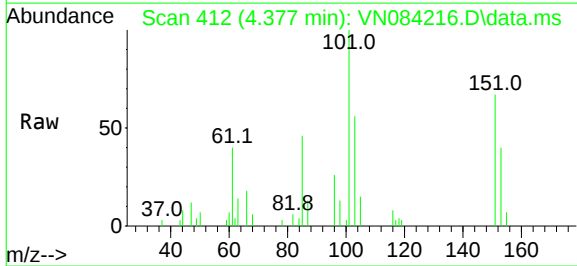
Tgt Ion: 74 Resp: 12422
 Ion Ratio Lower Upper
 74 100
 45 99.0 47.7 143.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.113 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084216.D
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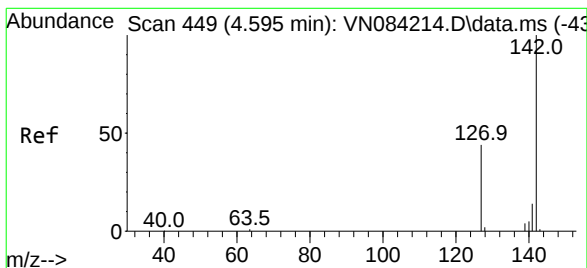
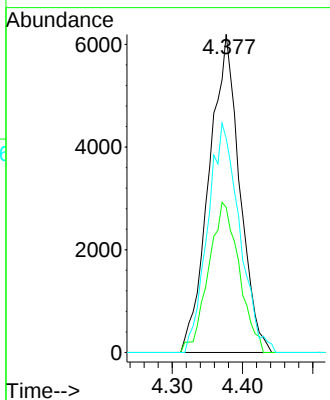
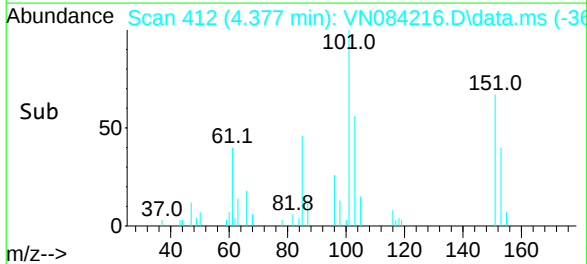
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:	101	Resp:	18747
Ion	Ratio	Lower	Upper
101	100		
85	47.3	36.2	54.4
151	75.1	59.3	88.9

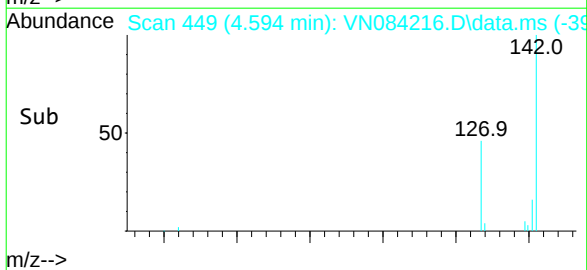
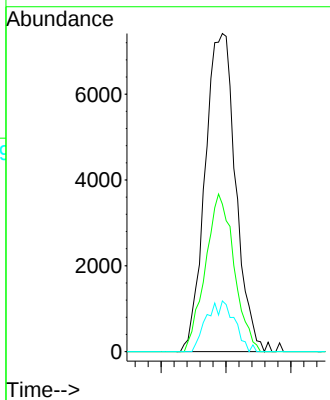
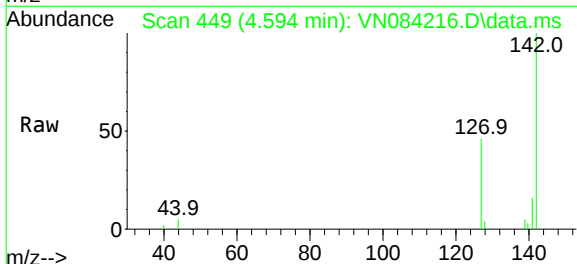
Manual Integrations
APPROVED

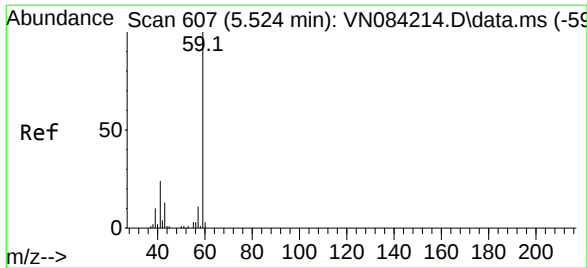
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#10
Methyl Iodide
Concen: 9.160 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion:	142	Resp:	24268
Ion	Ratio	Lower	Upper
142	100		
127	46.4	35.3	52.9
141	15.9	11.0	16.6





#11

Tert butyl alcohol

Concen: 47.553 ug/l

RT: 5.512 min Scan# 607

Delta R.T. -0.012 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 59 Resp: 20496

Ion Ratio Lower Upper

59 100

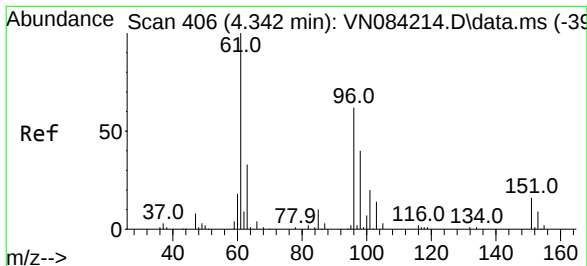
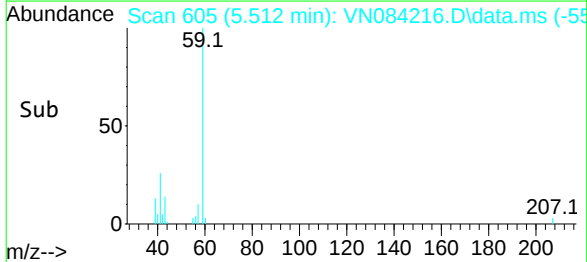
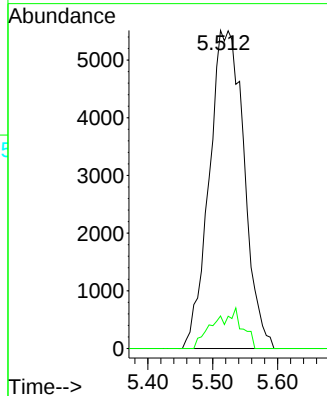
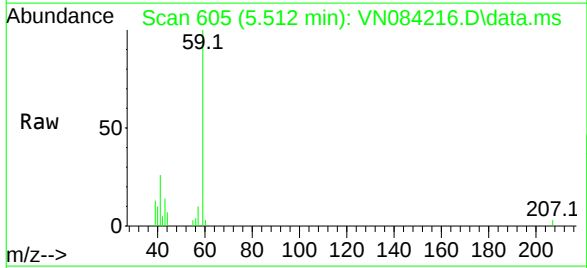
57 5.1 8.2 12.2#

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#12

1,1-Dichloroethene

Concen: 9.473 ug/l

RT: 4.341 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

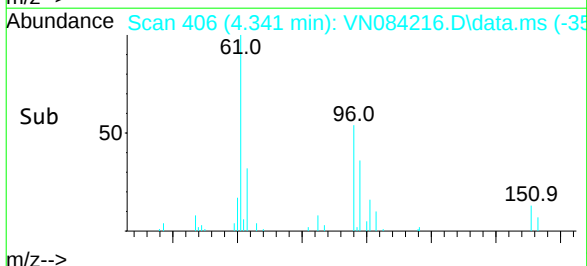
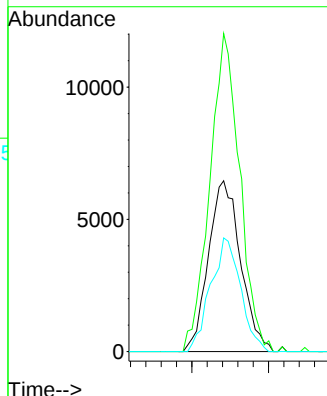
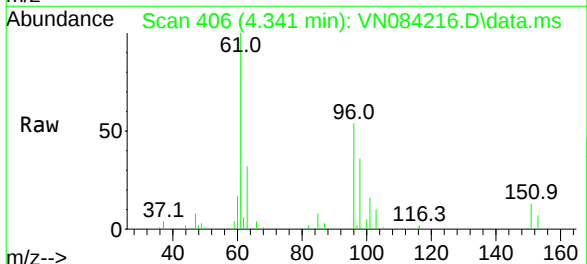
Tgt Ion: 96 Resp: 18798

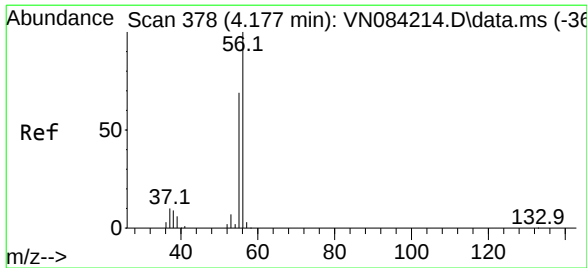
Ion Ratio Lower Upper

96 100

61 186.2 128.6 192.8

98 66.5 51.7 77.5





#13

Acrolein

Concen: 46.448 ug/l

RT: 4.183 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 22976

Ion Ratio Lower Upper

56 100

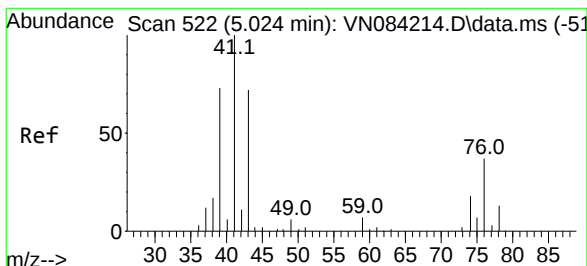
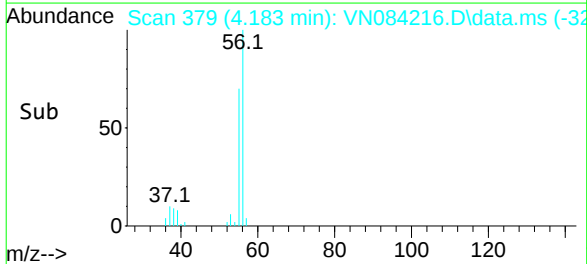
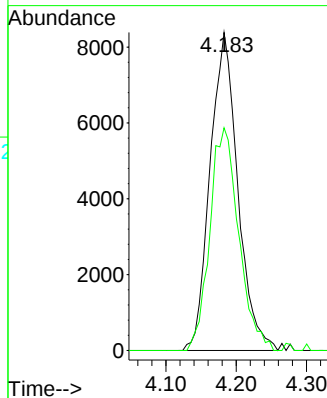
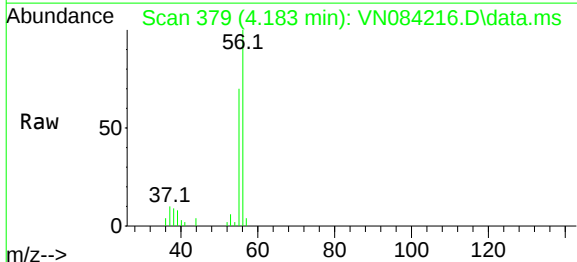
55 72.8 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#14

Allyl chloride

Concen: 9.161 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

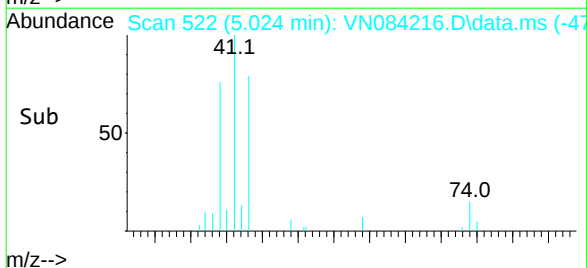
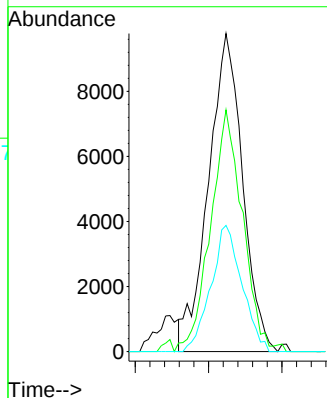
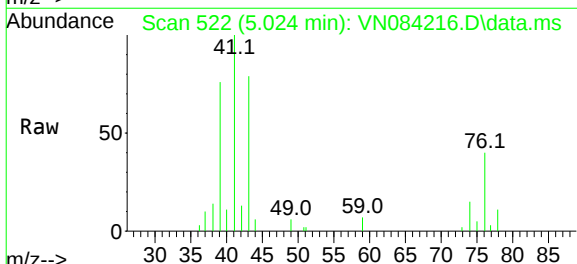
Tgt Ion: 41 Resp: 31571

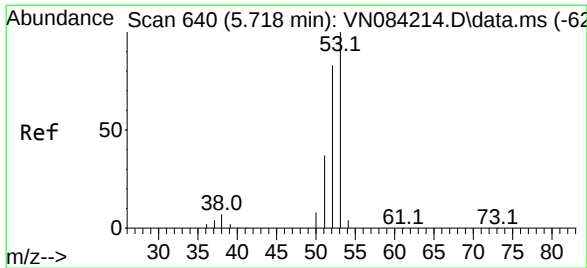
Ion Ratio Lower Upper

41 100

39 71.4 59.0 88.6

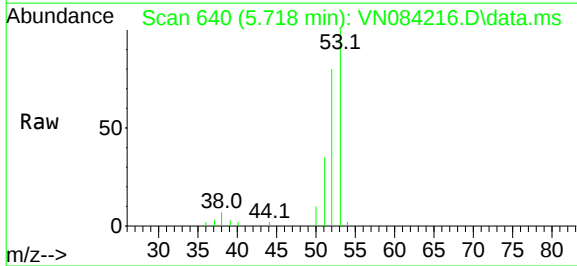
76 36.1 29.8 44.6





#15
Acrylonitrile
Concen: 48.533 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

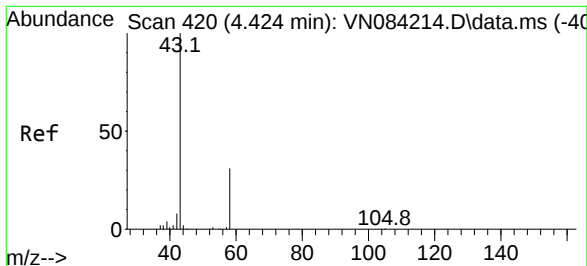
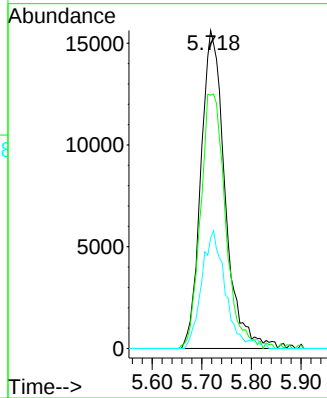
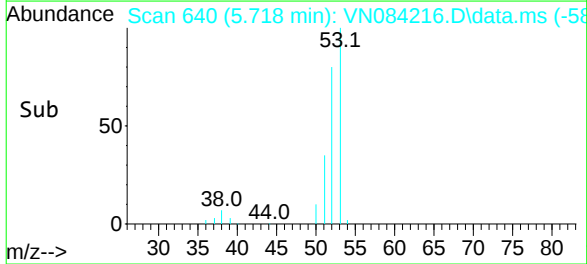
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.2	99.4
51	35.4	28.8	43.2

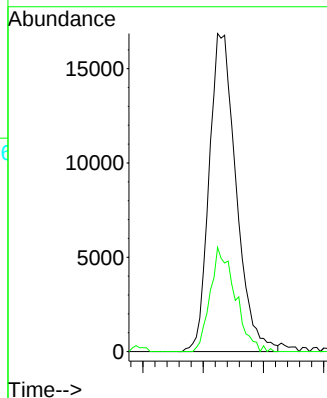
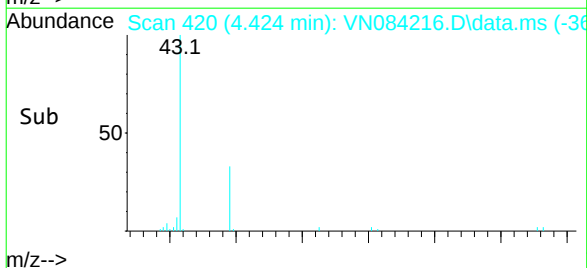
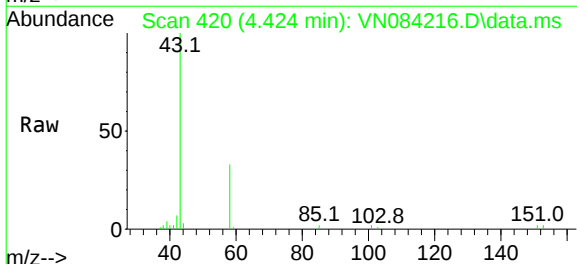
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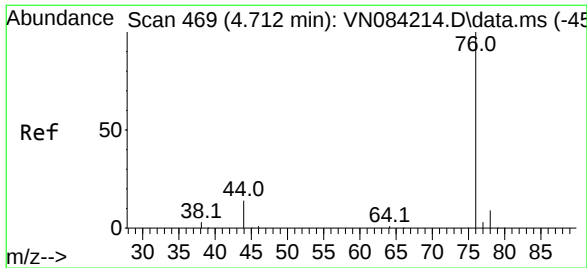
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#16
Acetone
Concen: 46.785 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.8	24.4	36.6





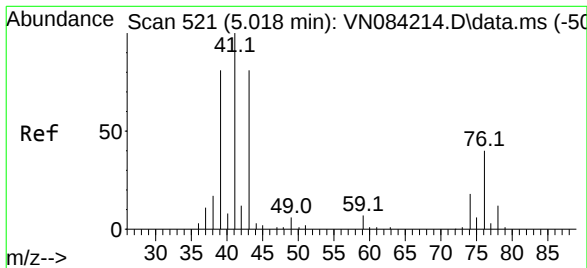
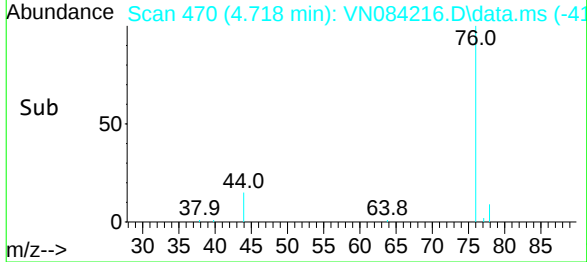
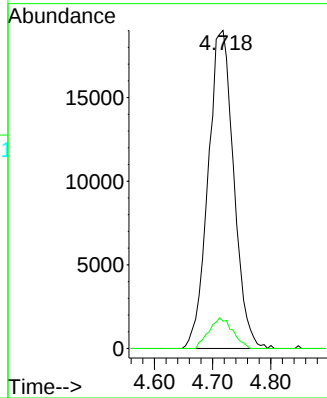
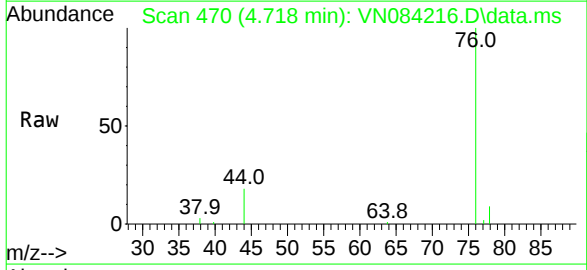
#17
Carbon Disulfide
Concen: 9.257 ug/l
RT: 4.718 min Scan# 47
Delta R.T. 0.006 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 58158
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

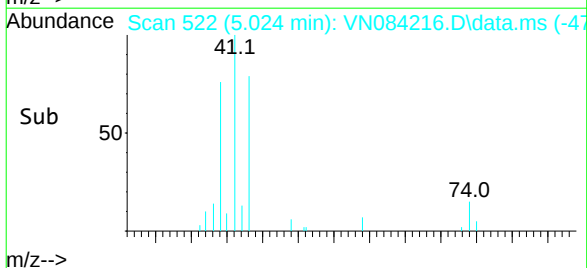
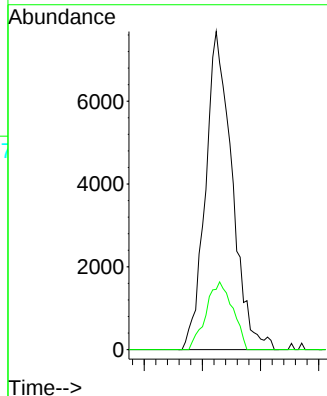
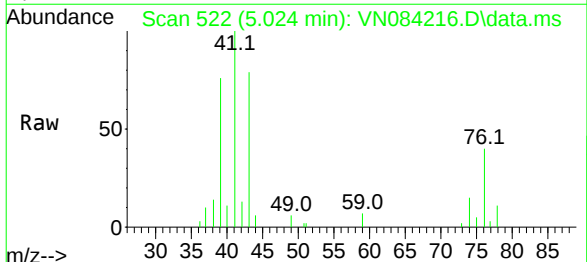
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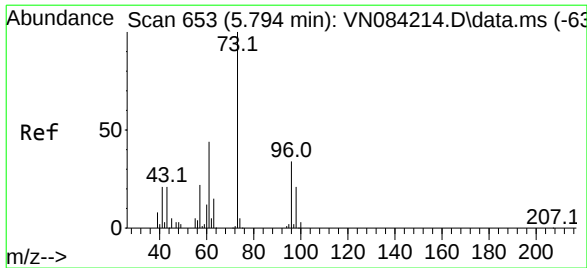
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#18
Methyl Acetate
Concen: 9.959 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion: 43 Resp: 24366
Ion Ratio Lower Upper
43 100
74 21.3 19.2 28.8





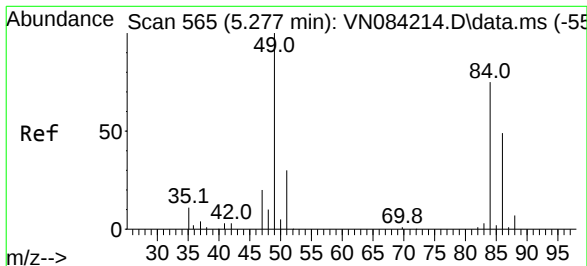
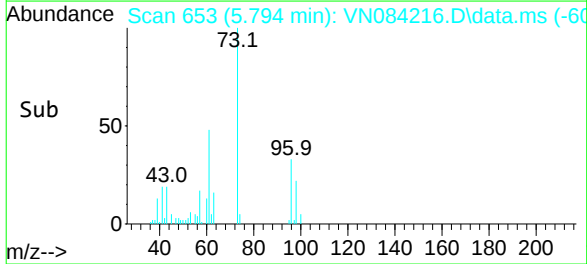
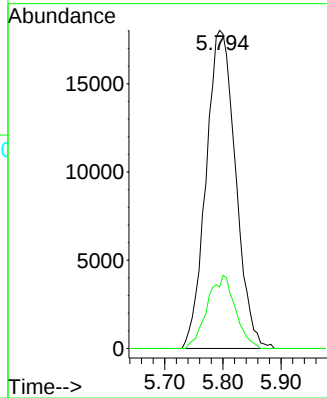
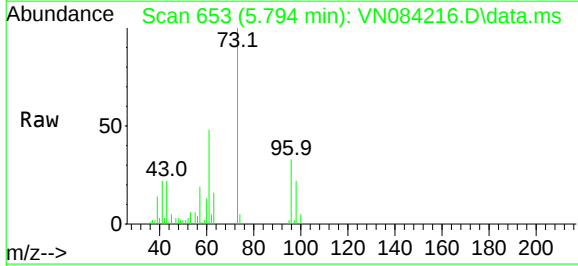
#19
Methyl tert-butyl Ether
Concen: 9.486 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 63531
Ion Ratio Lower Upper
73 100
57 19.3 17.7 26.5

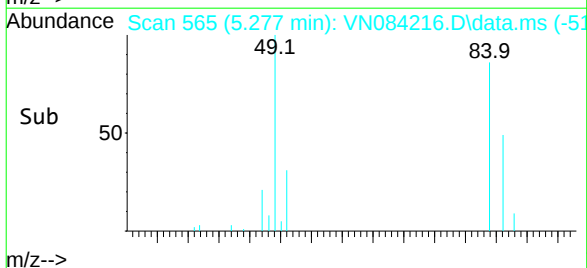
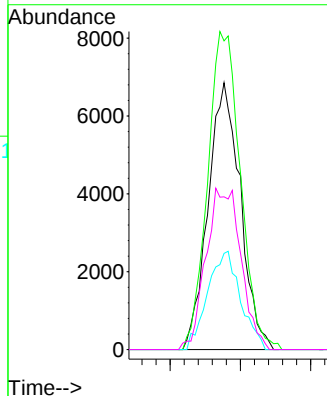
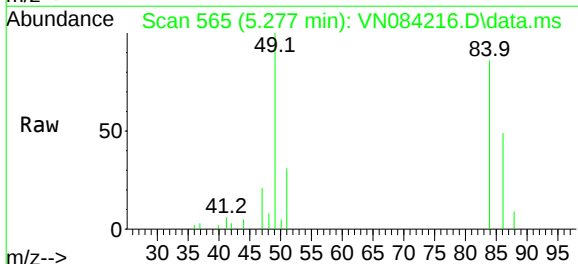
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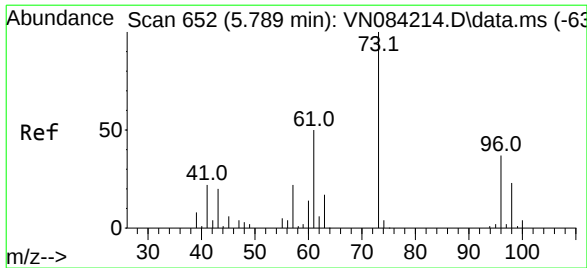
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#20
Methylene Chloride
Concen: 9.554 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion: 84 Resp: 21801
Ion Ratio Lower Upper
84 100
49 115.7 107.2 160.8
51 36.0 31.8 47.8
86 57.2 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 9.672 ug/l

RT: 5.788 min Scan# 65

Delta R.T. -0.000 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 96 Resp: 20107

Ion Ratio Lower Upper

96 100

61 153.1 108.4 162.6

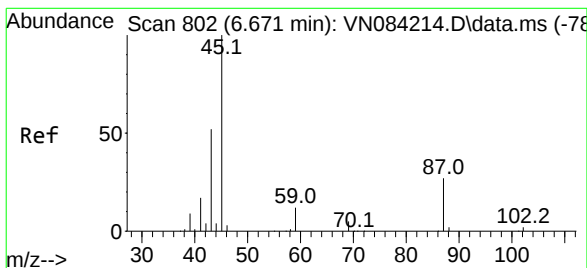
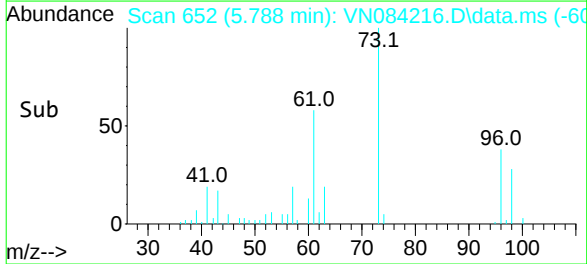
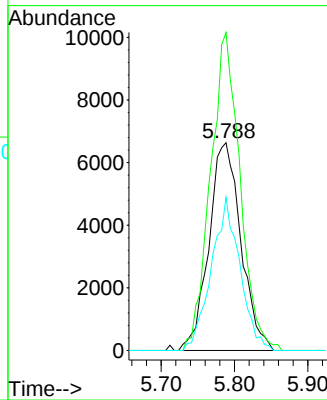
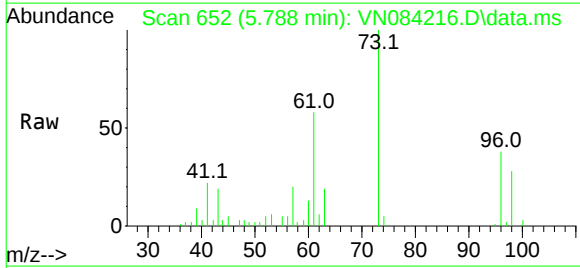
98 73.7 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#22

Diisopropyl ether

Concen: 9.393 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Tgt Ion: 45 Resp: 66959

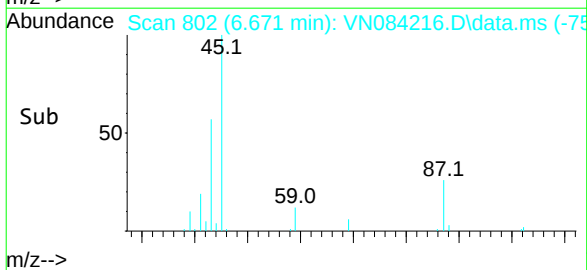
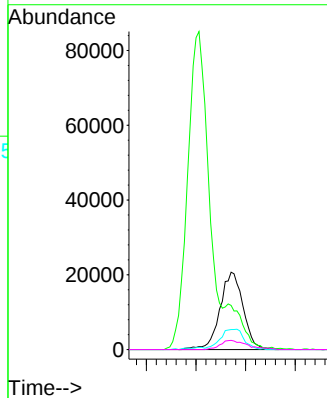
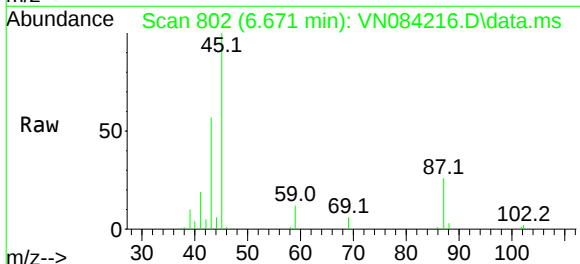
Ion Ratio Lower Upper

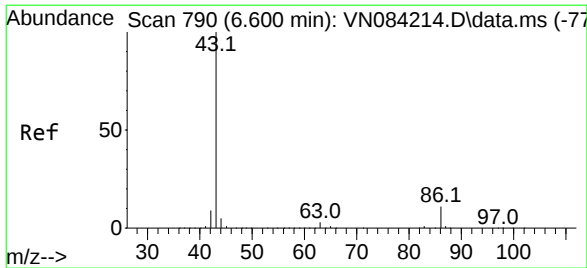
45 100

43 55.7 42.3 63.5

87 25.9 21.8 32.6

59 11.9 9.6 14.4





#23

Vinyl Acetate

Concen: 46.769 ug/l

RT: 6.606 min Scan# 791

Delta R.T. 0.006 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 248594

Ion Ratio Lower Upper

43 100

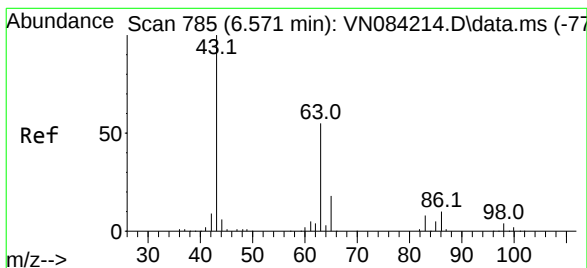
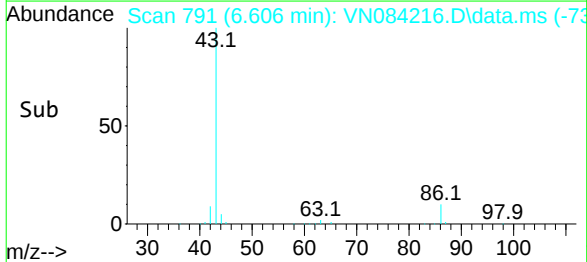
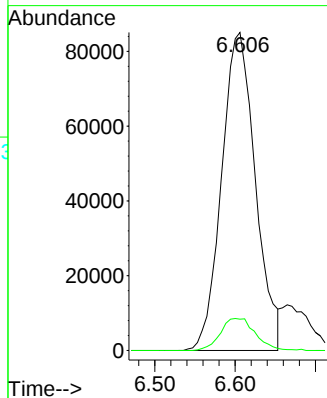
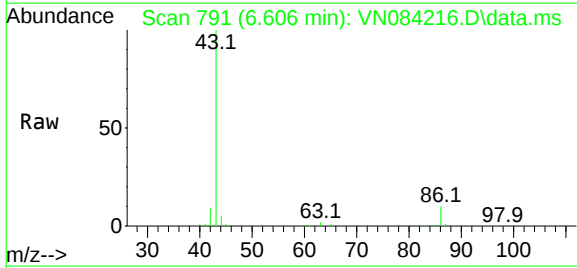
86 9.8 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#24

1,1-Dichloroethane

Concen: 9.586 ug/l

RT: 6.571 min Scan# 785

Delta R.T. -0.000 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

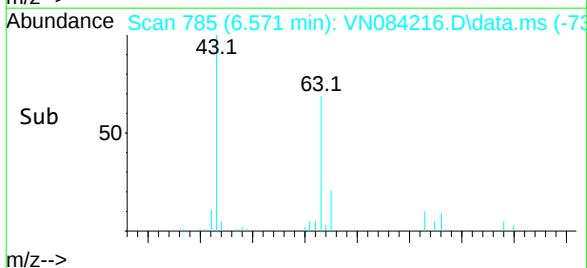
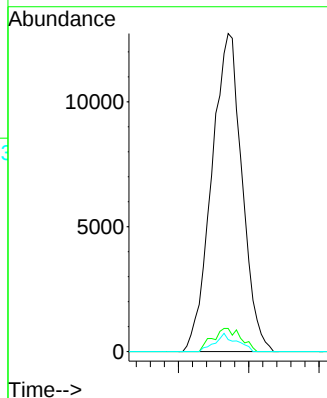
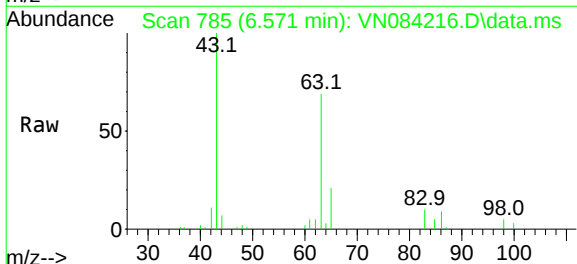
Tgt Ion: 63 Resp: 38215

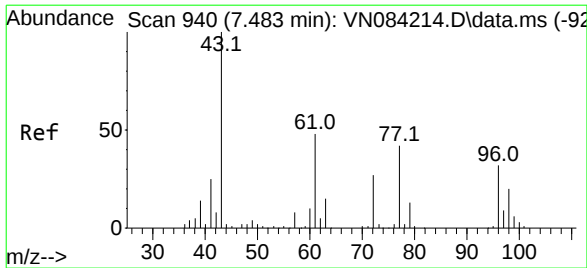
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

100 3.8 2.0 5.8





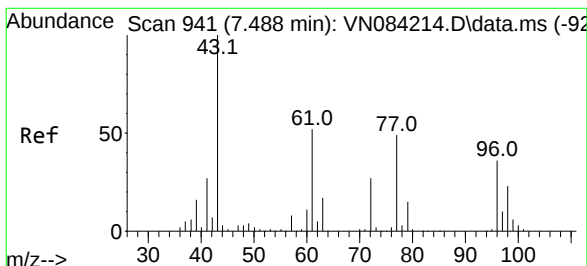
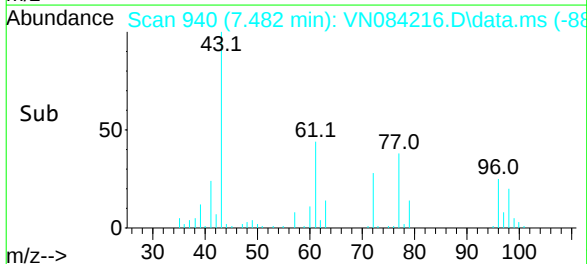
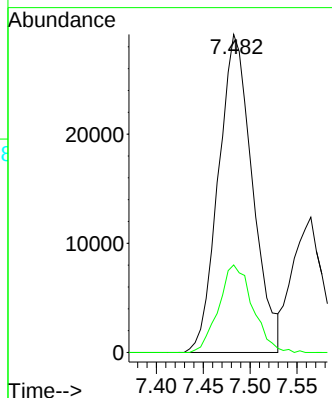
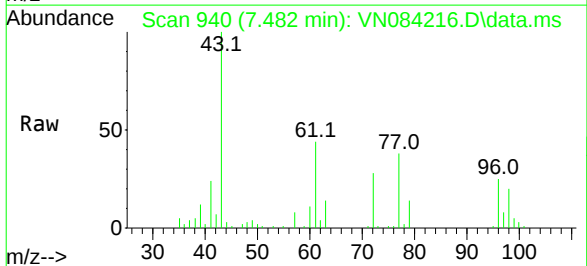
#25
2-Butanone
Concen: 48.320 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 73877
Ion Ratio Lower Upper
43 100
72 27.5 21.4 32.2

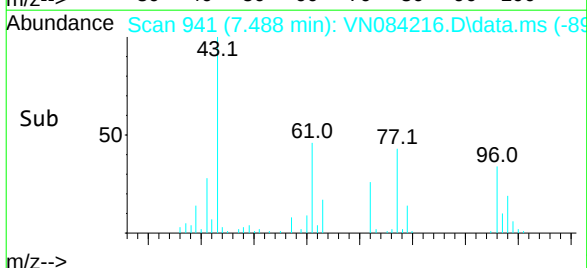
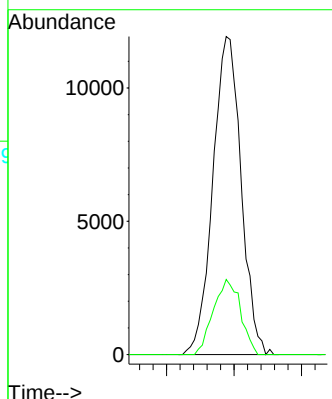
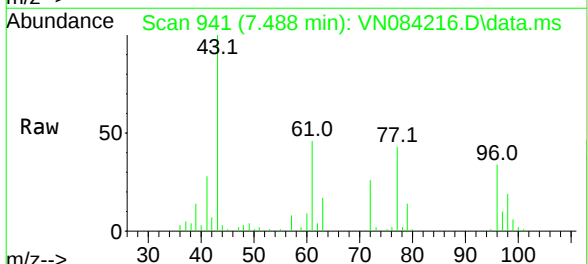
Manual Integrations
APPROVED

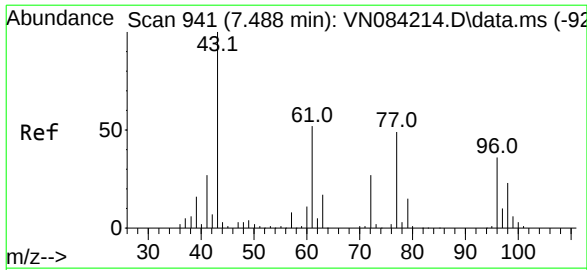
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#26
2,2-Dichloropropane
Concen: 9.641 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion: 77 Resp: 34655
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.3





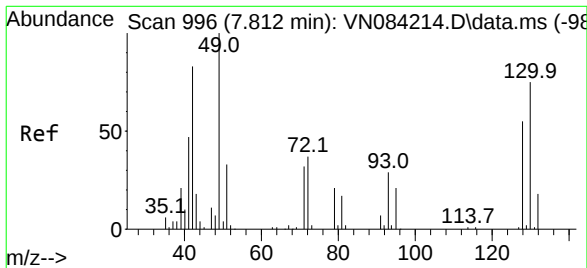
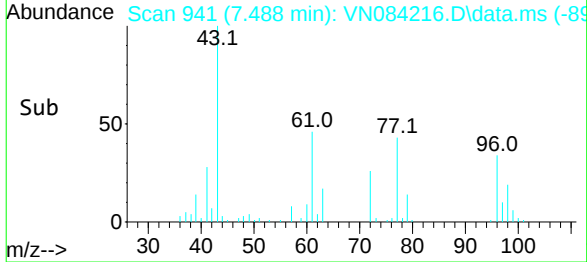
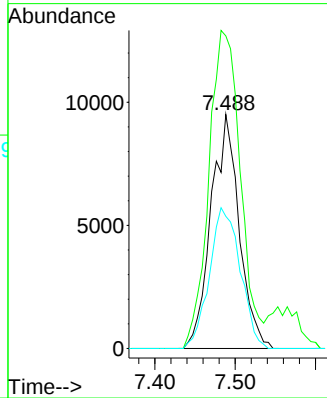
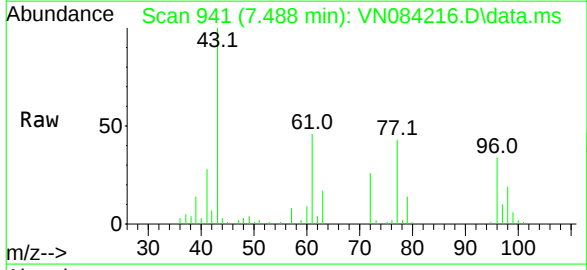
#27
cis-1,2-Dichloroethene
Concen: 9.193 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 96 Resp: 23095
Ion Ratio Lower Upper
96 100
61 152.9 0.0 301.8
98 66.0 0.0 128.2

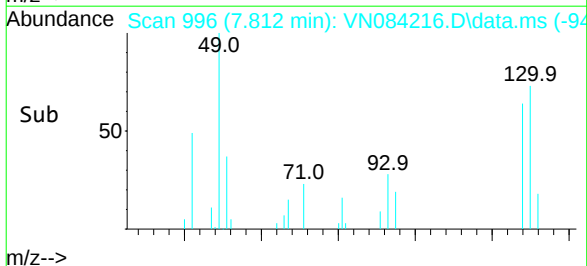
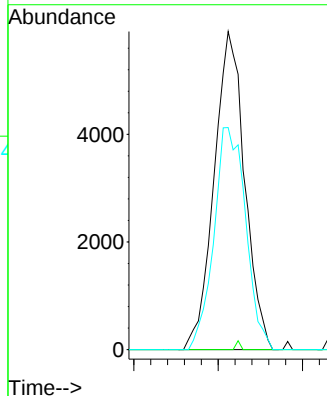
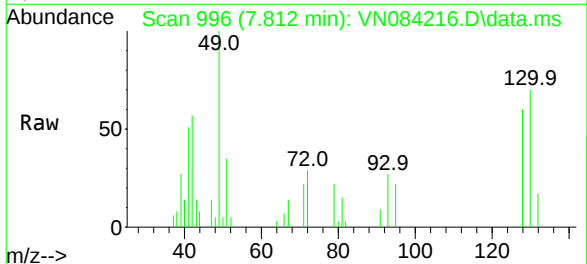
Manual Integrations
APPROVED

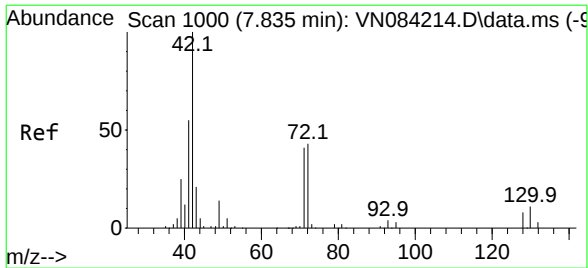
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#28
Bromochloromethane
Concen: 8.379 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion: 49 Resp: 14904
Ion Ratio Lower Upper
49 100
129 0.4 0.0 3.6
130 72.3 58.0 87.0





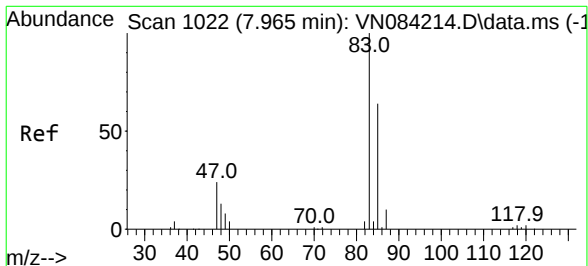
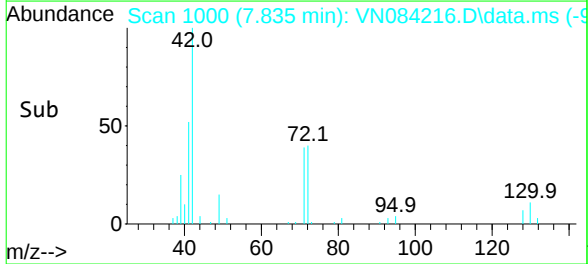
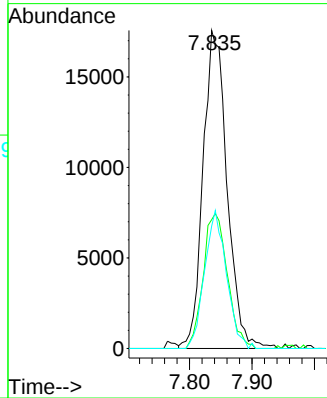
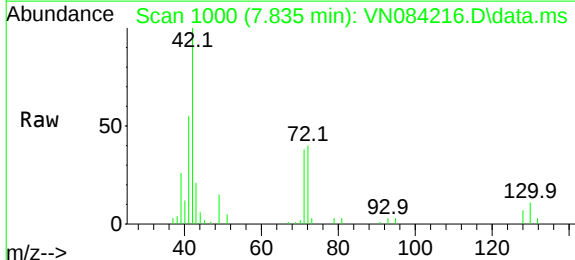
#29
Tetrahydrofuran
Concen: 49.725 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:	42	Resp:	46917
Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.6	51.8
71	39.5	32.2	48.4

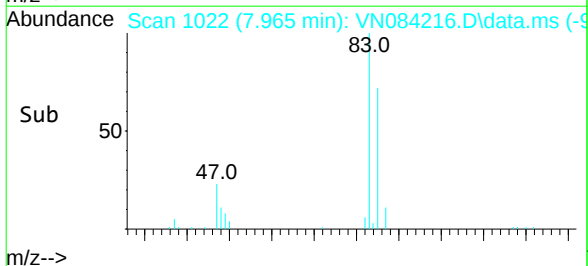
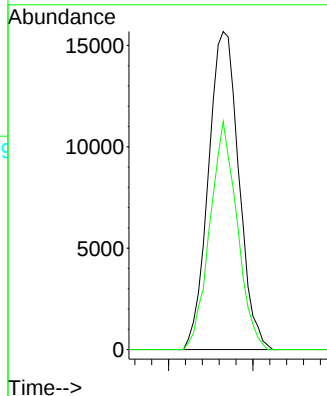
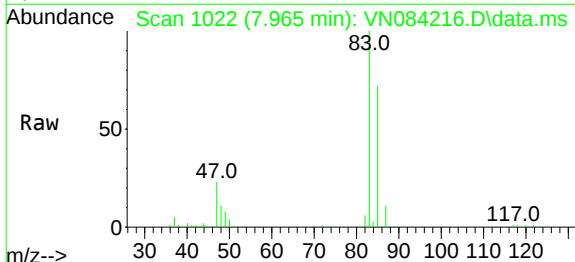
Manual Integrations
APPROVED

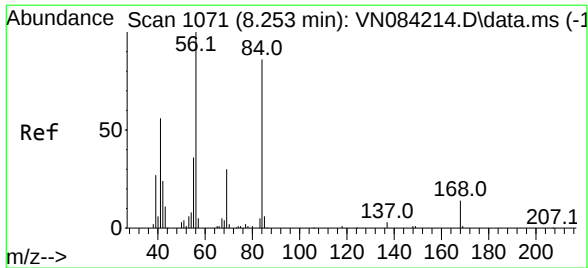
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#30
Chloroform
Concen: 9.504 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion:	83	Resp:	39355
Ion	Ratio	Lower	Upper
83	100		
85	71.7	51.0	76.4





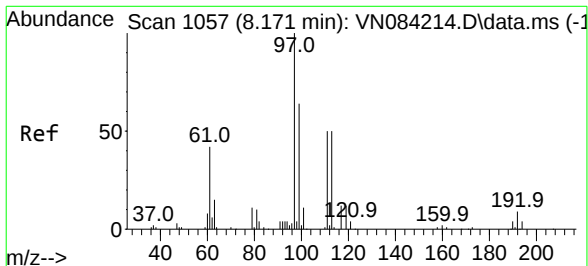
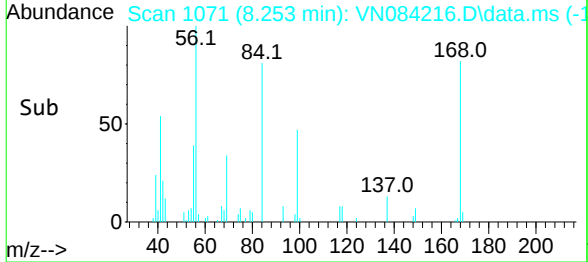
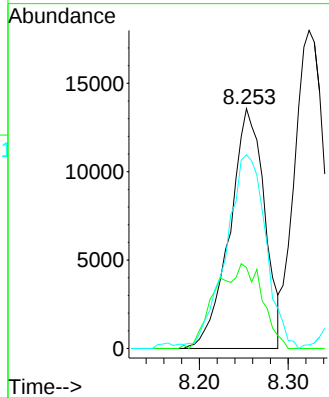
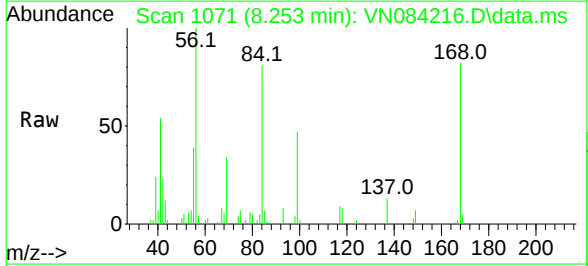
#31
Cyclohexane
Concen: 9.538 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 36916
Ion Ratio Lower Upper
56 100
69 33.8 23.8 35.6
84 79.0 68.8 103.2

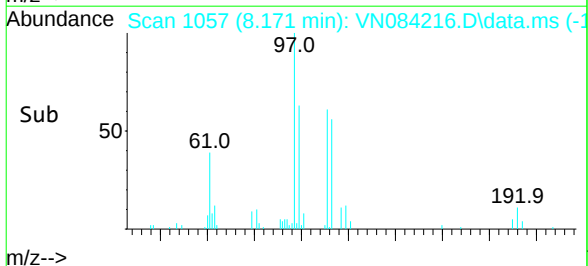
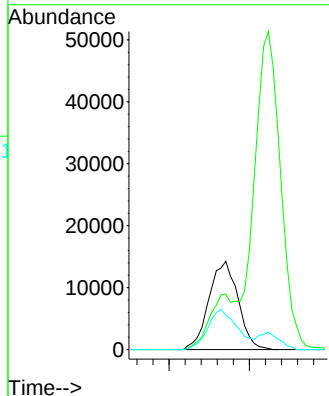
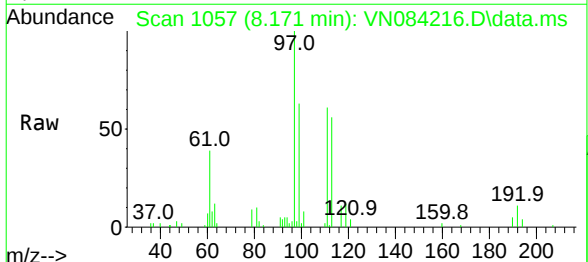
Manual Integrations
APPROVED

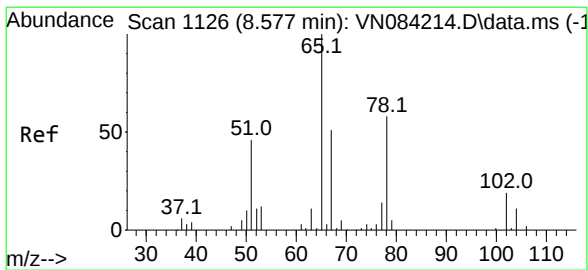
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#32
1,1,1-Trichloroethane
Concen: 9.645 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

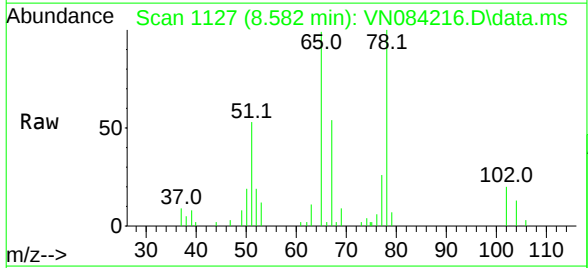
Tgt Ion: 97 Resp: 35869
Ion Ratio Lower Upper
97 100
99 46.3 51.2 76.8#
61 46.7 37.5 56.3





#33
 1,2-Dichloroethane-d4
 Concen: 9.599 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN084216.D
 Acq: 30 Sep 2024 13:37

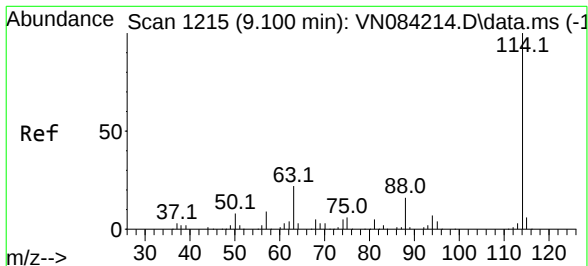
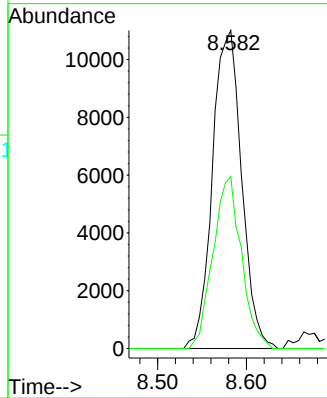
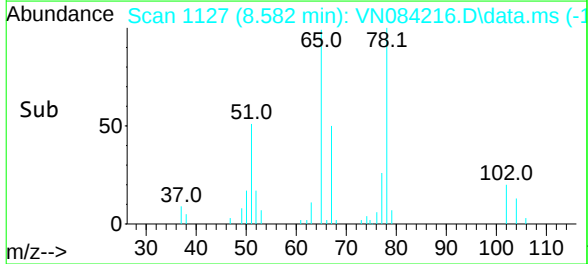
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



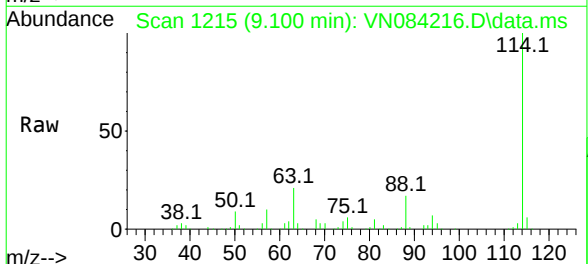
Tgt Ion: 65 Resp: 25083
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 102.0

Manual Integrations
 APPROVED

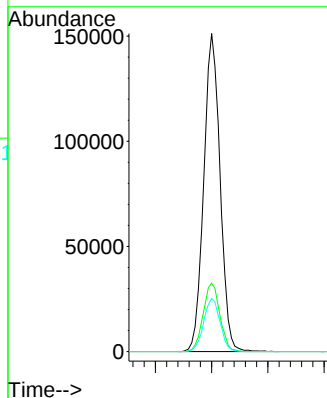
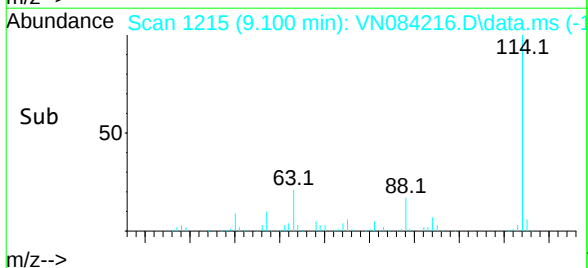
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024

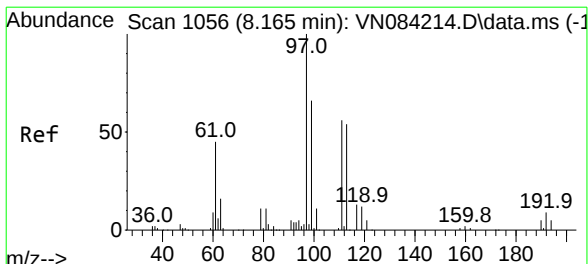


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084216.D
 Acq: 30 Sep 2024 13:37



Tgt Ion:114 Resp: 304981
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.8
 88 16.7 0.0 31.6





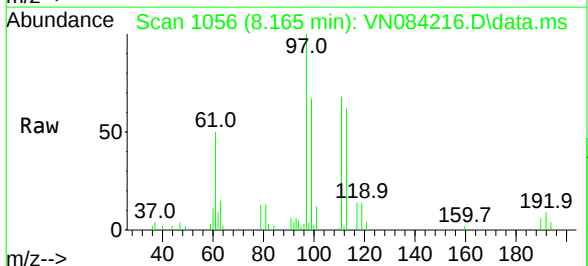
#35
 Dibromofluoromethane
 Concen: 9.594 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084216.D
 Acq: 30 Sep 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

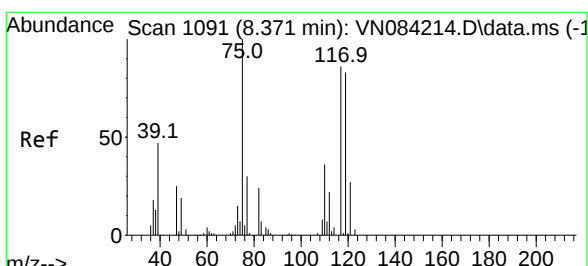
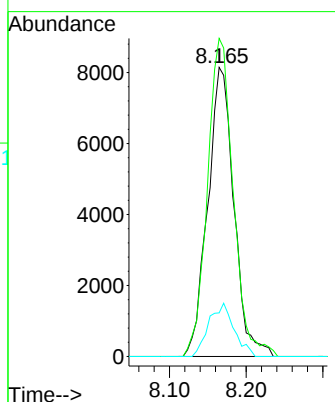
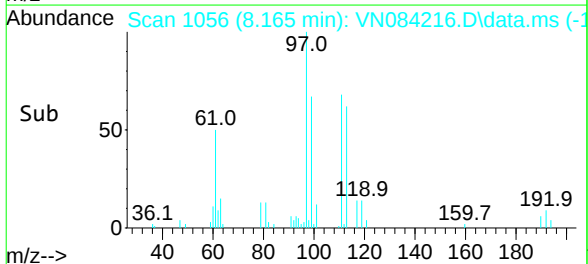
VSTDICC010



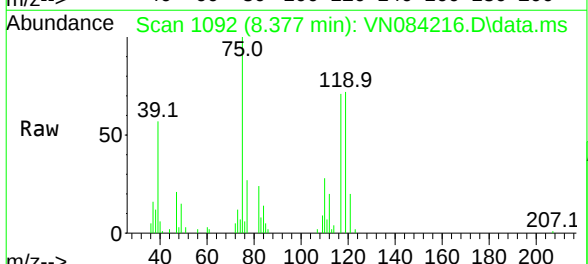
Tgt Ion:	113	Resp:	19289
Ion	Ratio	Lower	Upper
113	100		
111	108.7	83.3	124.9
192	17.7	13.5	20.3

Manual Integrations
 APPROVED

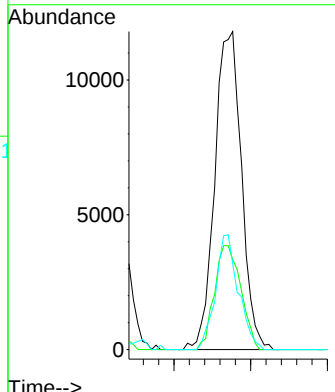
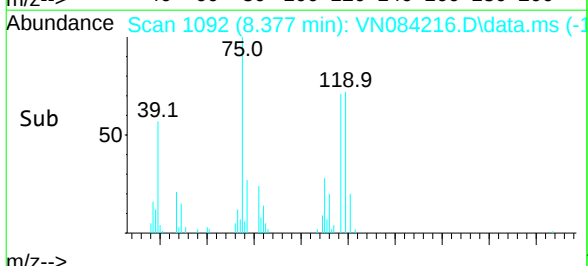
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024

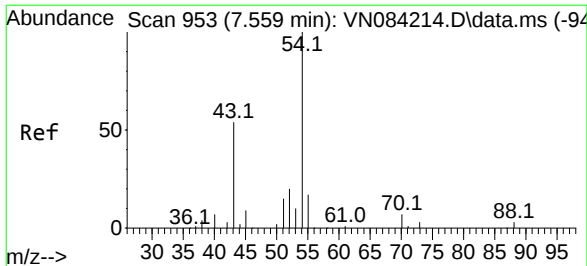


#36
 1,1-Dichloropropene
 Concen: 9.767 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. 0.006 min
 Lab File: VN084216.D
 Acq: 30 Sep 2024 13:37



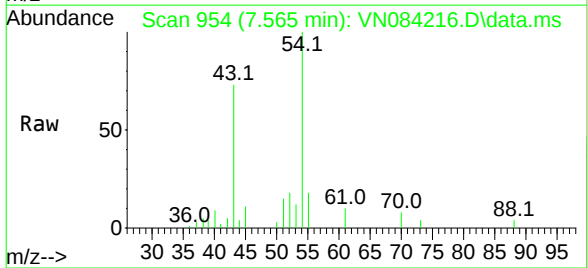
Tgt Ion:	75	Resp:	28525
Ion	Ratio	Lower	Upper
75	100		
110	32.3	16.9	50.7
77	31.0	24.7	37.1





#37
Ethyl Acetate
Concen: 9.931 ug/l
RT: 7.565 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

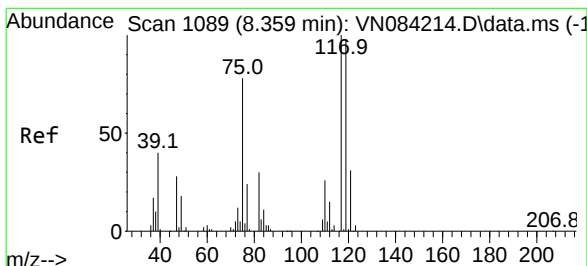
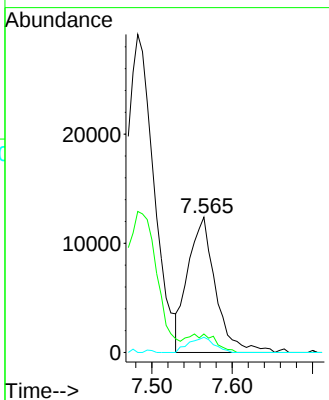
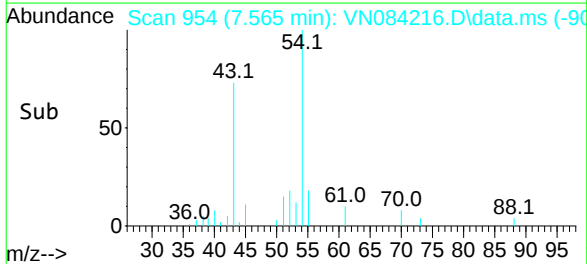
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



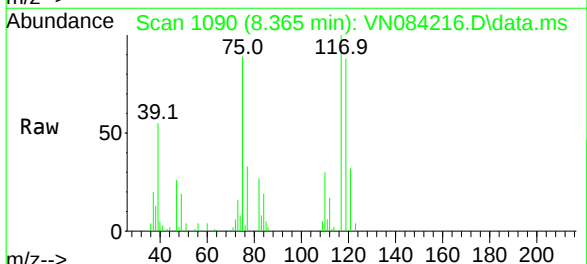
Tgt Ion:	43	61	70
Ratio	100	0.0	10.2
Lower		10.7	8.8
Upper		16.1	13.2

Manual Integrations
APPROVED

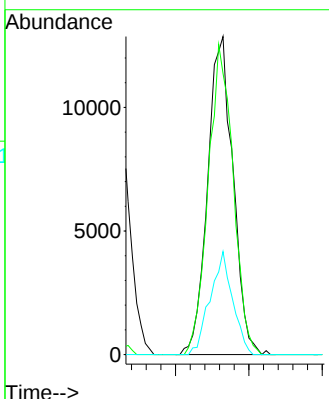
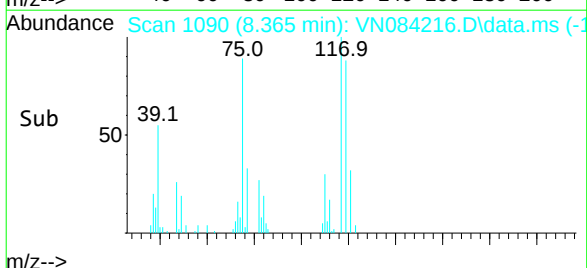
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

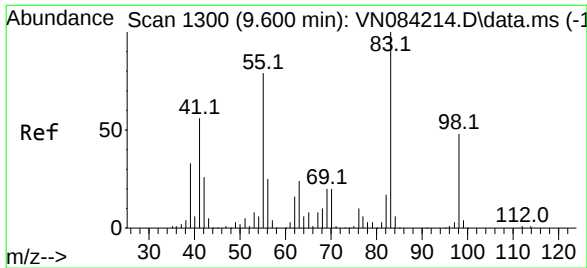


#38
Carbon Tetrachloride
Concen: 9.665 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37



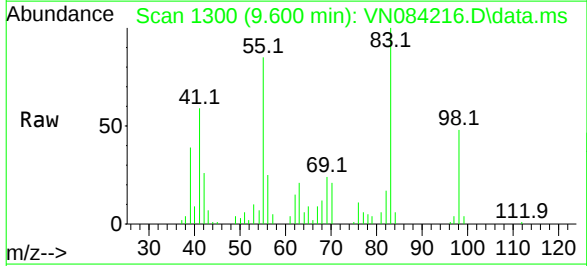
Tgt Ion:	117	119	121
Ratio	100	88.4	32.4
Lower		78.7	24.4
Upper		118.1	36.6





#39
Methylcyclohexane
Concen: 9.516 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

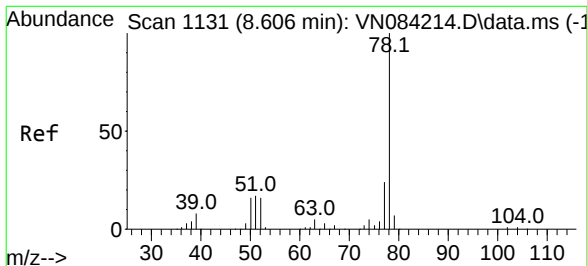
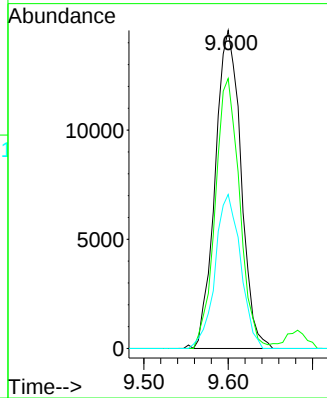
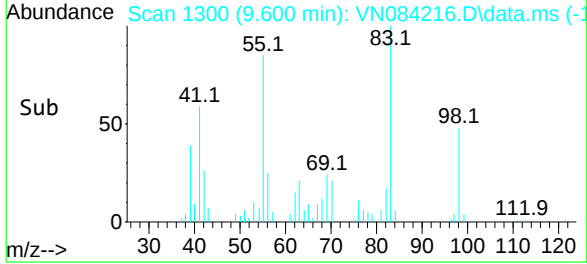
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 83 Resp: 30932
Ion Ratio Lower Upper
83 100
55 84.9 62.8 94.2
98 48.4 38.8 58.2

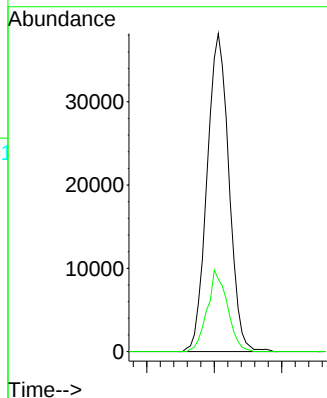
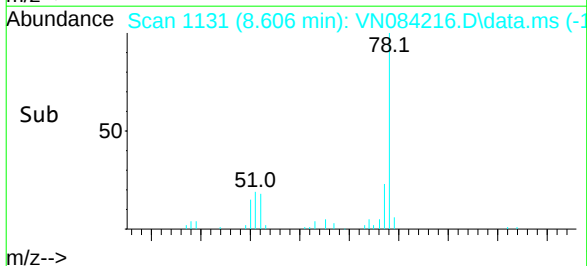
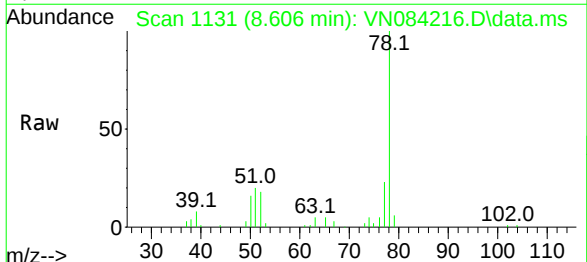
Manual Integrations
APPROVED

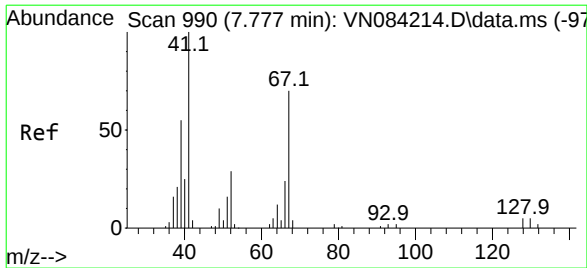
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#40
Benzene
Concen: 9.454 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion: 78 Resp: 86029
Ion Ratio Lower Upper
78 100
77 22.8 19.1 28.7





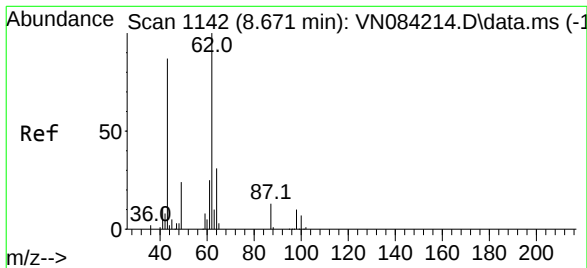
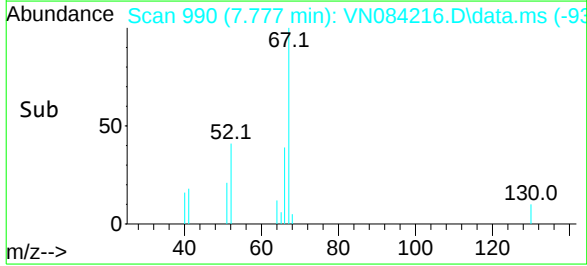
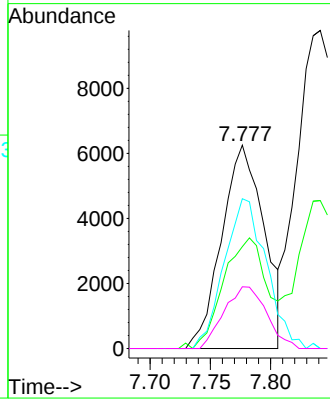
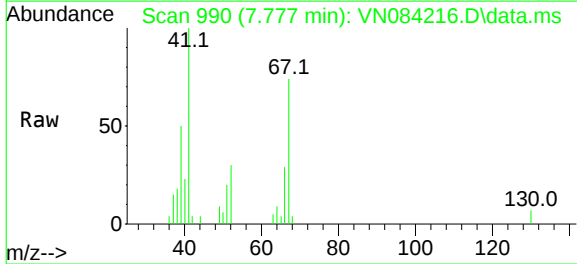
#41
Methacrylonitrile
Concen: 9.426 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.8	43.3	64.9
67	73.0	56.1	84.1
52	30.4	24.5	36.7

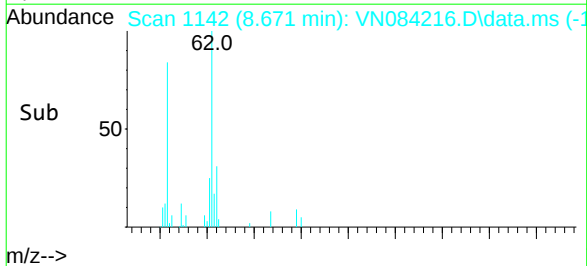
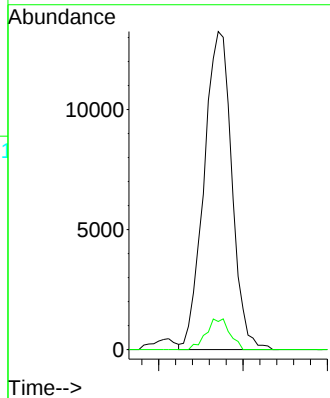
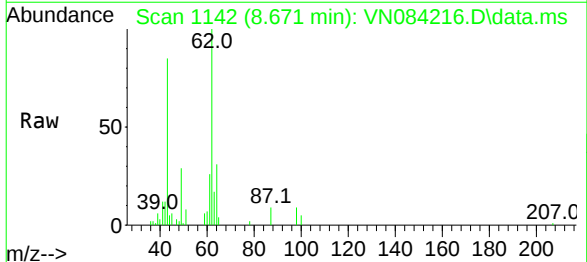
Manual Integrations
APPROVED

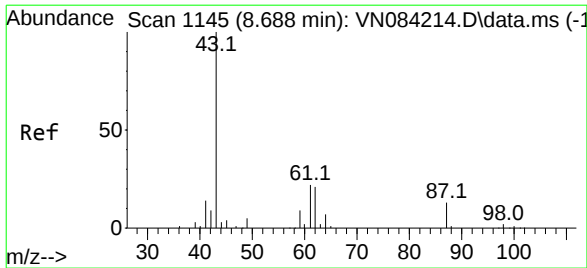
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#42
1,2-Dichloroethane
Concen: 9.855 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	18.2





#43

Isopropyl Acetate

Concen: 8.906 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

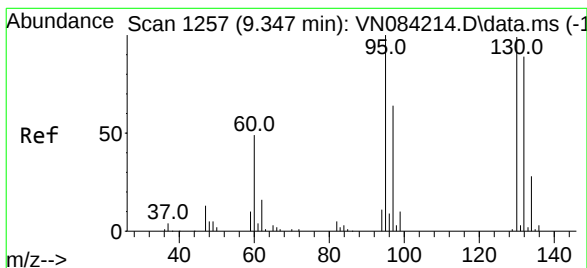
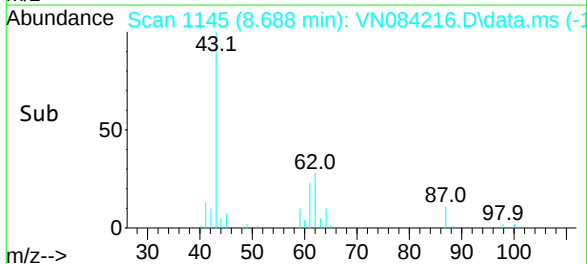
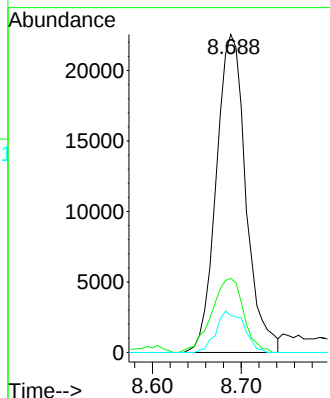
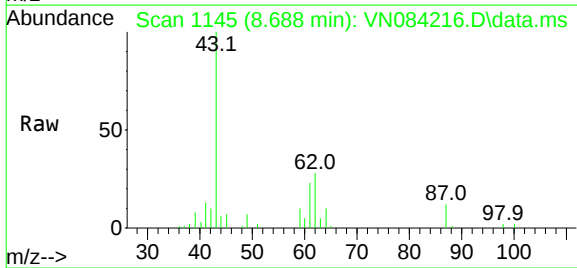
Tgt Ion:	43	Resp:	52246
Ion	Ratio	Lower	Upper
43	100		
61	25.1	20.4	30.6
87	12.3	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#44

Trichloroethene

Concen: 9.454 ug/l

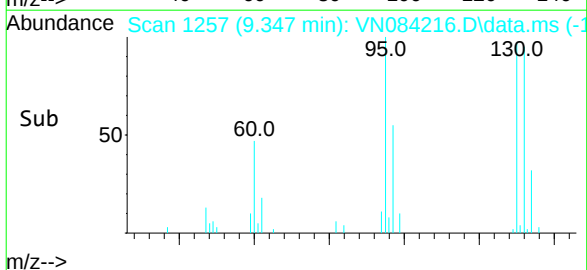
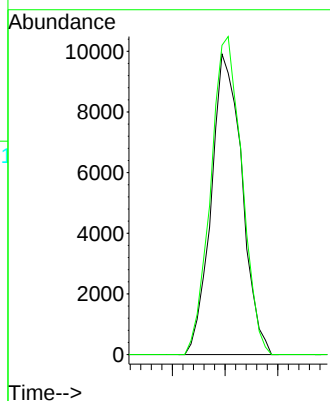
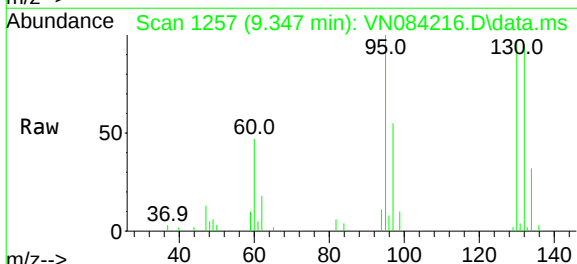
RT: 9.347 min Scan# 1257

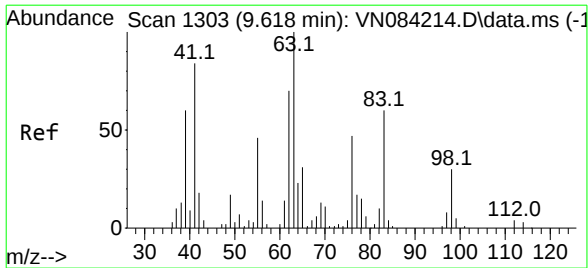
Delta R.T. -0.000 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Tgt Ion:	130	Resp:	20092
Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	203.0





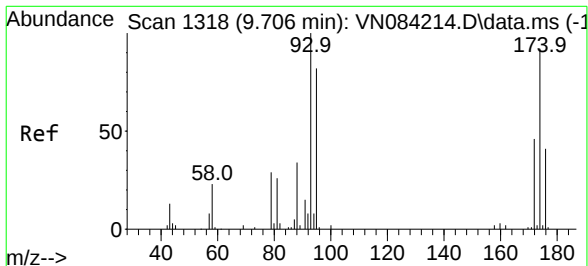
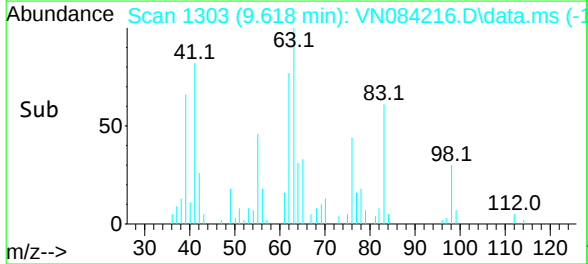
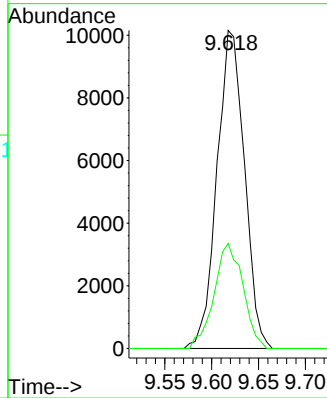
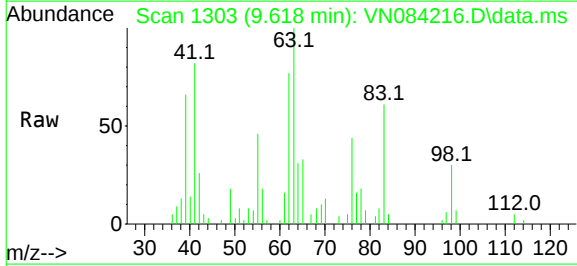
#45
1,2-Dichloropropane
Concen: 9.618 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 63 Resp: 20703
Ion Ratio Lower Upper
63 100
65 33.0 24.6 37.0

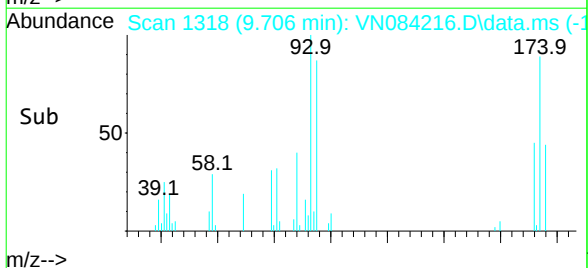
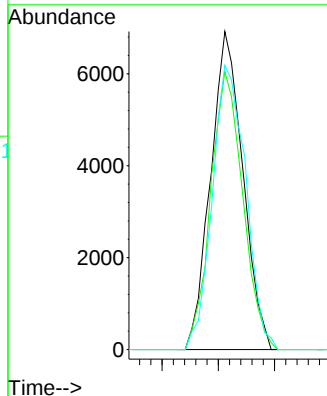
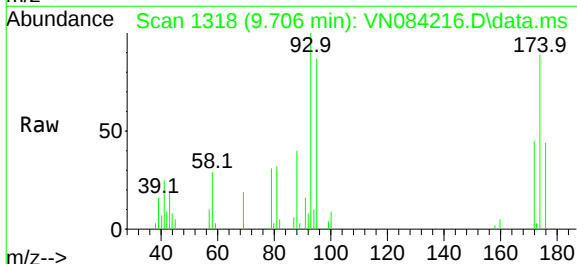
Manual Integrations
APPROVED

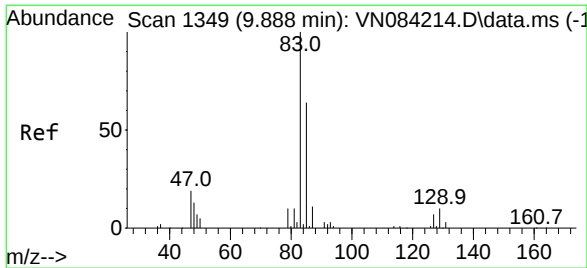
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#46
Dibromomethane
Concen: 9.479 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion: 93 Resp: 13770
Ion Ratio Lower Upper
93 100
95 87.2 65.0 97.4
174 92.7 71.8 107.8





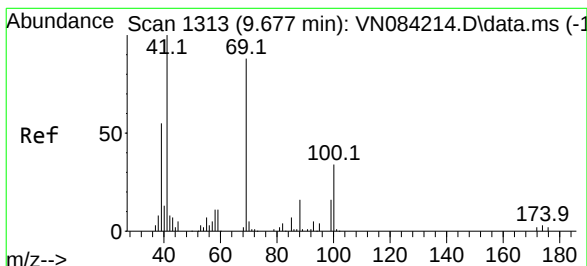
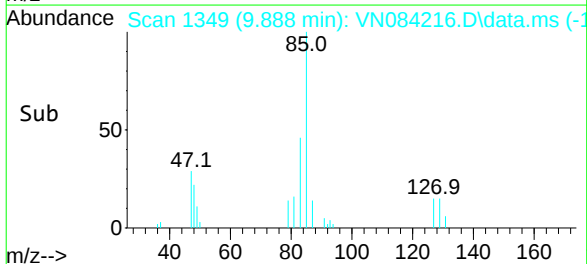
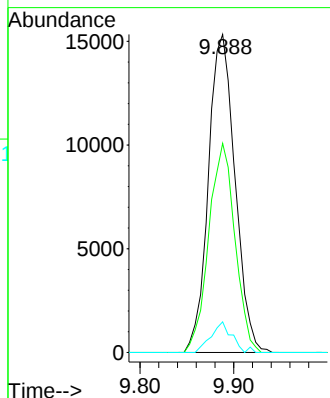
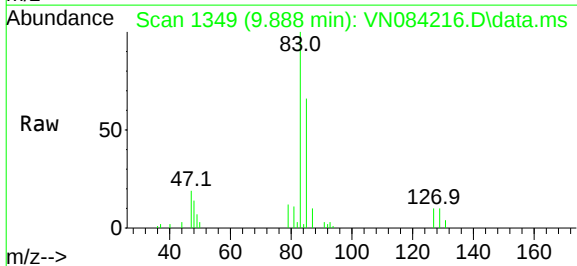
#47
Bromodichloromethane
Concen: 9.385 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83	Resp: 30289
Ion Ratio	Lower Upper
83 100	
85 65.7	51.5 77.3
127 9.6	5.7 8.5

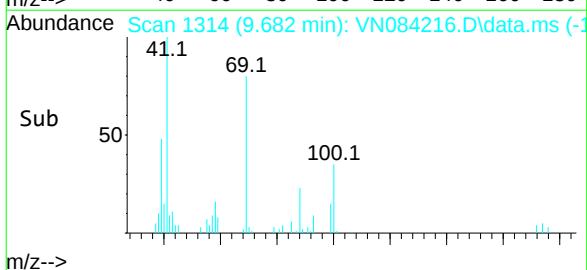
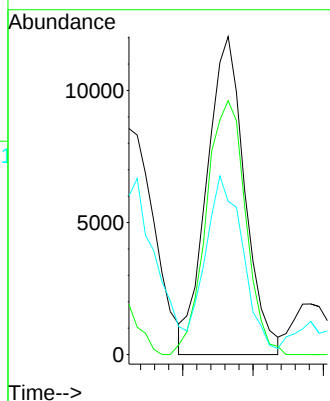
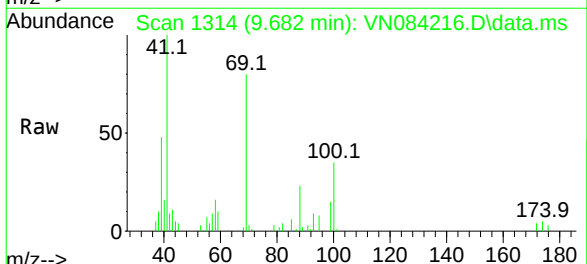
Manual Integrations
APPROVED

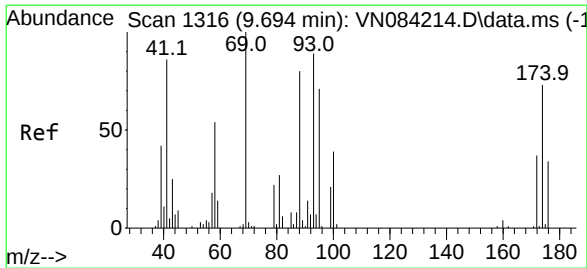
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#48
Methyl methacrylate
Concen: 9.679 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

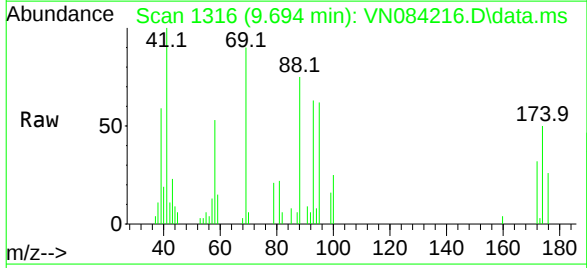
Tgt Ion: 41	Resp: 22612
Ion Ratio	Lower Upper
41 100	
69 82.7	67.1 100.7
39 55.6	45.8 68.6





#49
1,4-Dioxane
Concen: 200.587 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

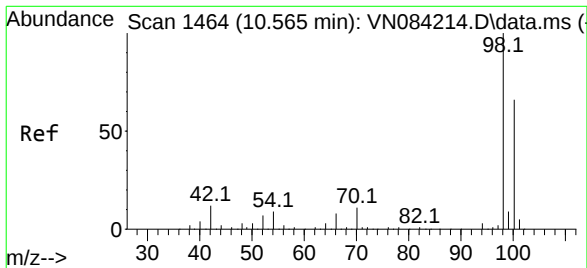
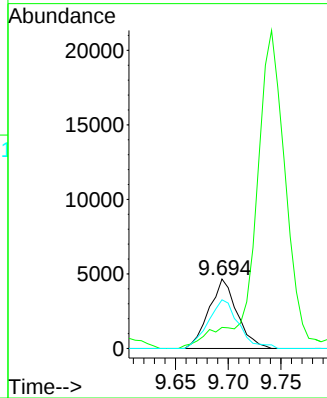
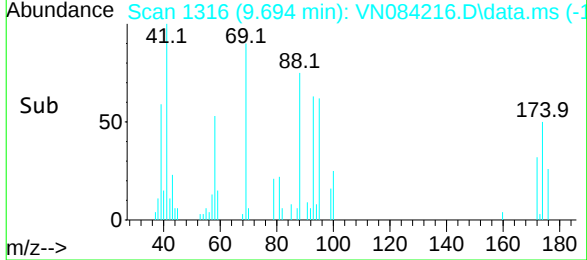
Instrument : MSVOA_N
ClientSampleId : VSTDIC010



Tgt Ion: 88 Resp: 8627
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 76.0 56.4 84.6

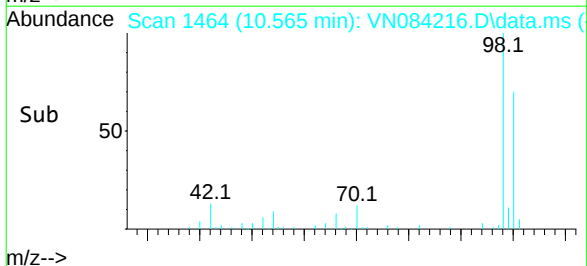
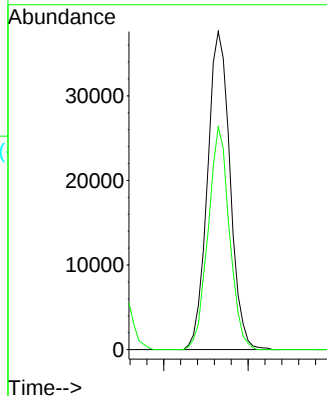
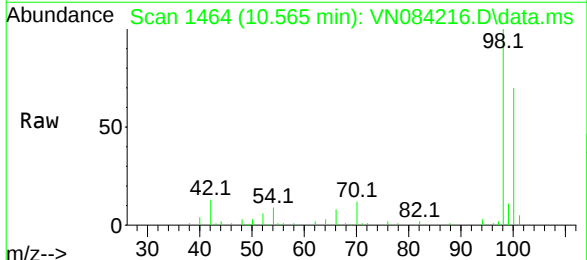
Manual Integrations
APPROVED

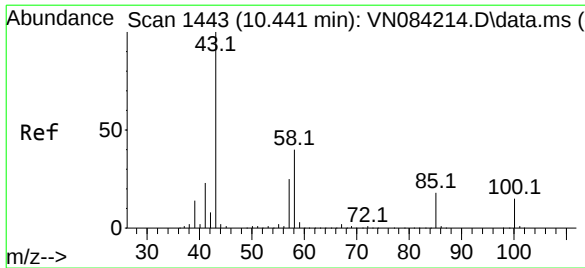
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#50
Toluene-d8
Concen: 9.463 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion: 98 Resp: 70000
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1





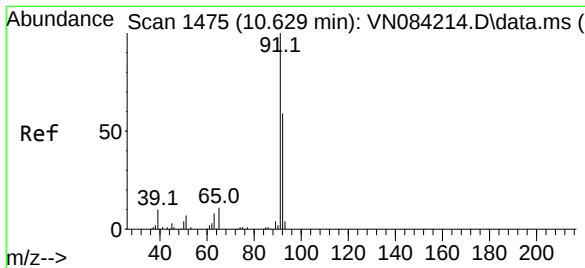
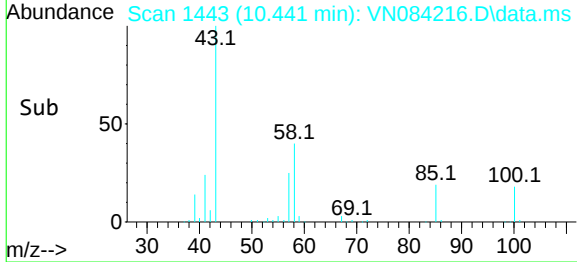
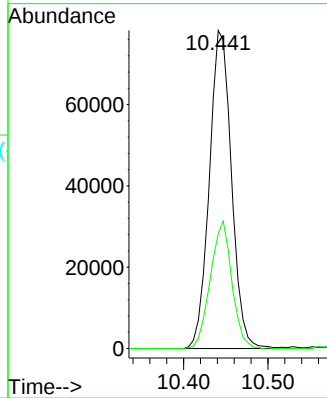
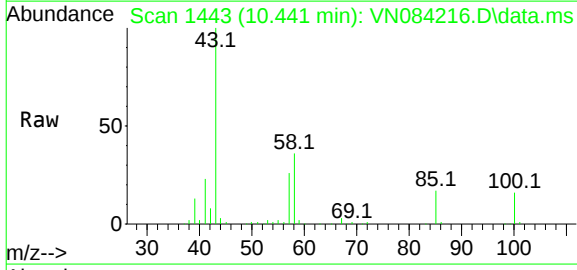
#51
4-Methyl-2-Pentanone
Concen: 50.007 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 142632
Ion Ratio Lower Upper
43 100
58 38.9 31.6 47.4

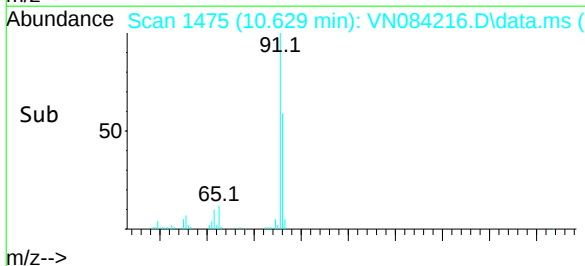
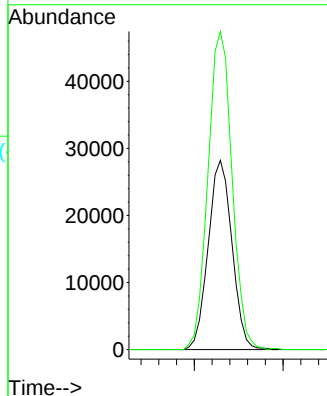
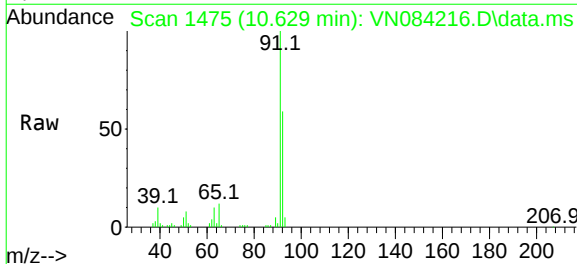
Manual Integrations
APPROVED

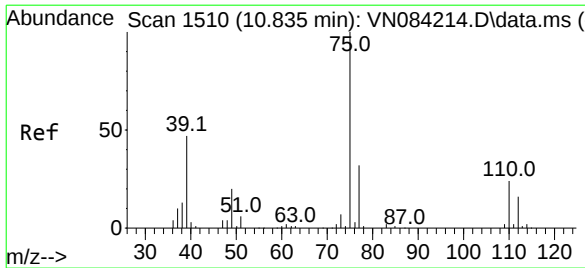
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#52
Toluene
Concen: 9.468 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion: 92 Resp: 52537
Ion Ratio Lower Upper
92 100
91 170.1 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 9.592 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 75 Resp: 31555

Ion Ratio Lower Upper

75 100

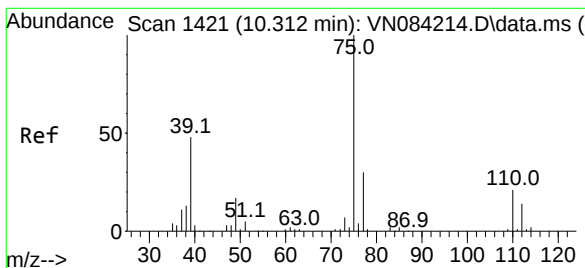
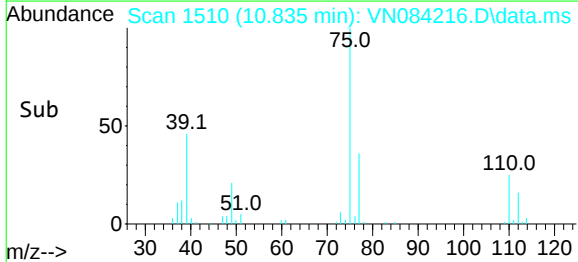
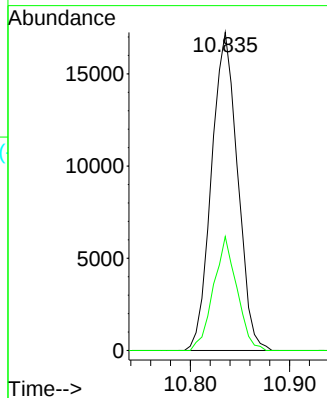
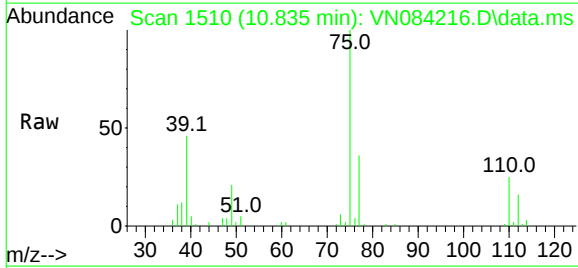
77 35.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#54

cis-1,3-Dichloropropene

Concen: 9.802 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

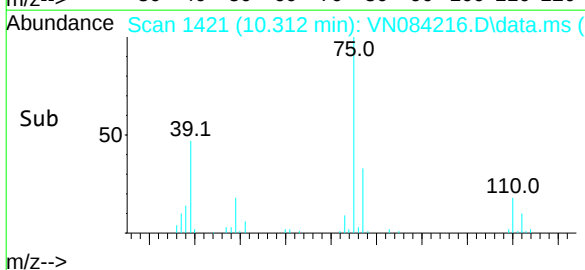
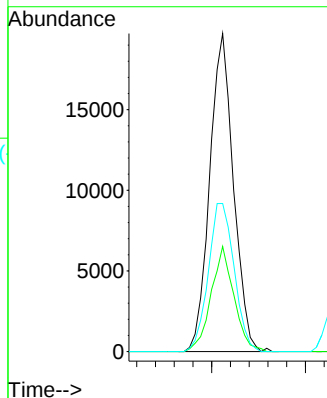
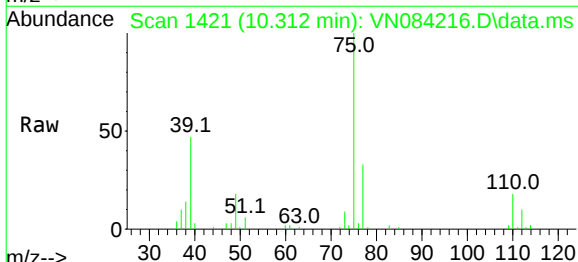
Tgt Ion: 75 Resp: 34684

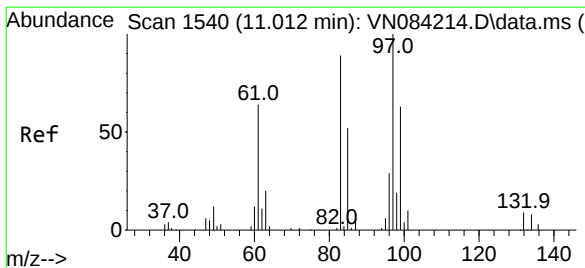
Ion Ratio Lower Upper

75 100

77 33.1 24.2 36.2

39 46.6 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 9.675 ug/l

RT: 11.018 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 97 Resp: 19245

Ion Ratio Lower Upper

97 100

83 85.7 71.0 106.4

85 53.5 41.7 62.5

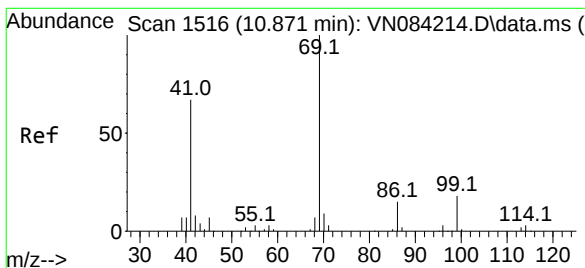
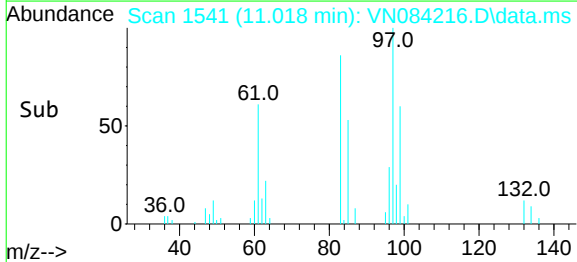
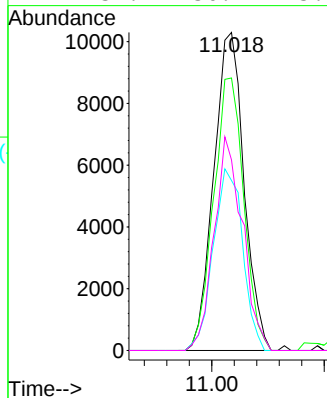
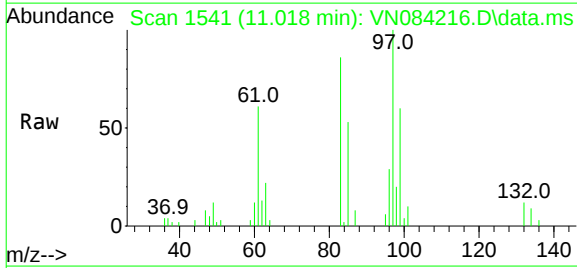
99 59.9 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#56

Ethyl methacrylate

Concen: 9.551 ug/l

RT: 10.870 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

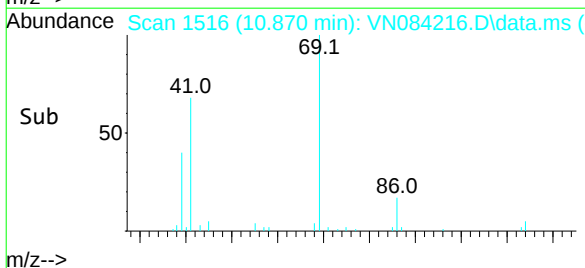
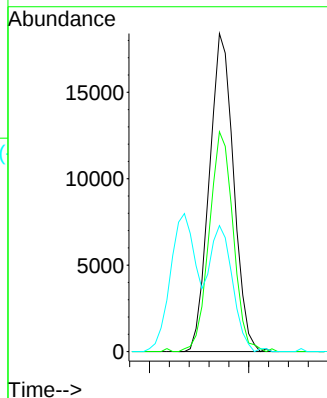
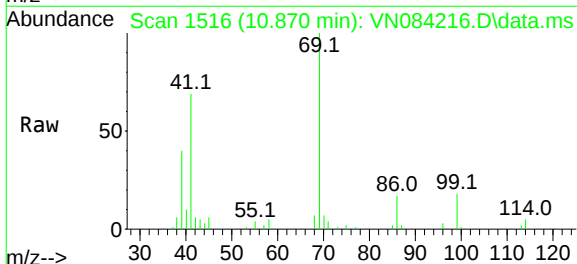
Tgt Ion: 69 Resp: 31262

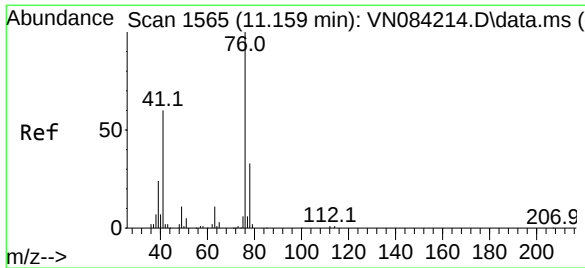
Ion Ratio Lower Upper

69 100

41 68.2 53.3 79.9

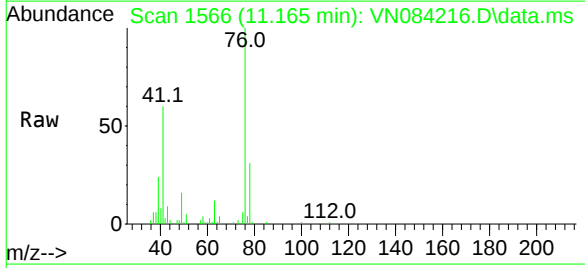
39 38.1 28.8 43.2





#57
1,3-Dichloropropane
Concen: 9.457 ug/l
RT: 11.165 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

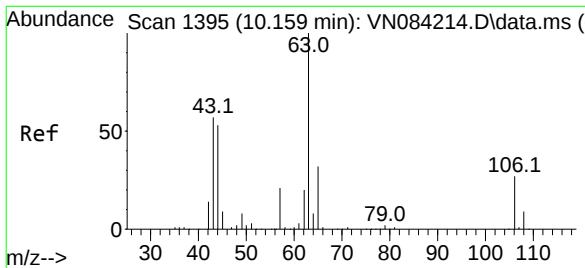
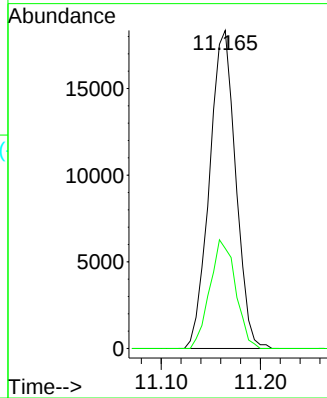
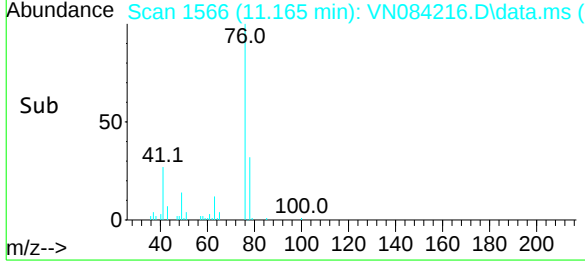
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 76 Resp: 33613
Ion Ratio Lower Upper
76 100
78 33.7 25.8 38.6

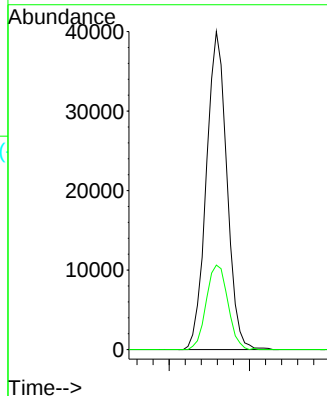
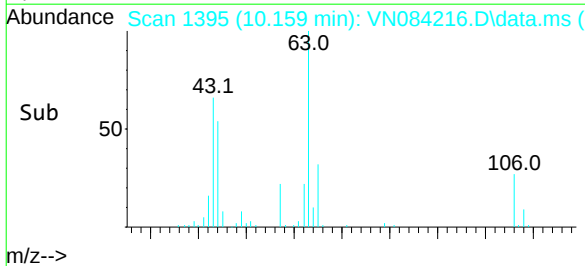
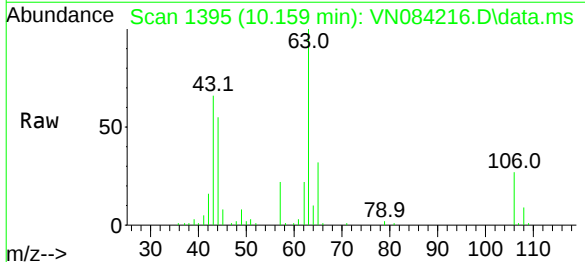
Manual Integrations
APPROVED

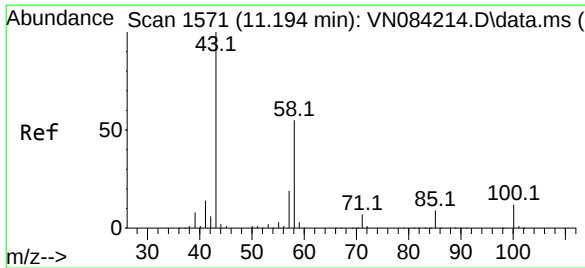
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#58
2-Chloroethyl Vinyl ether
Concen: 46.784 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion: 63 Resp: 71035
Ion Ratio Lower Upper
63 100
106 27.9 21.8 32.6





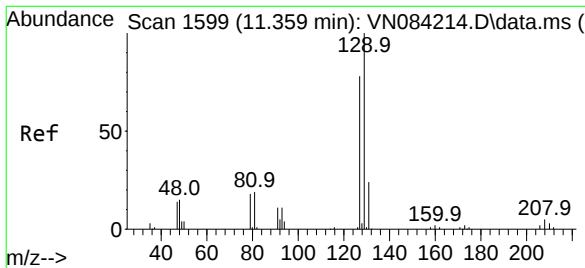
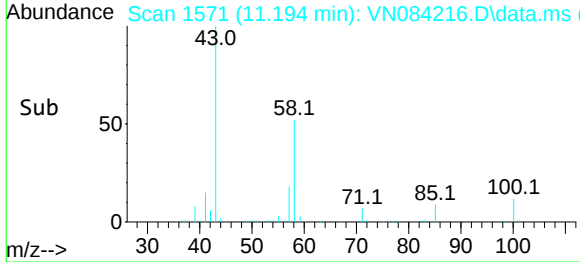
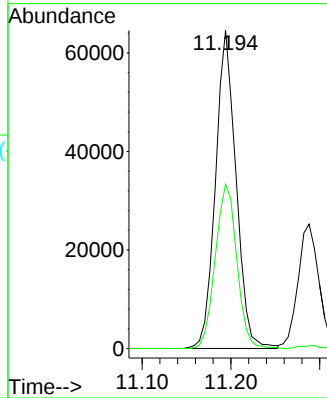
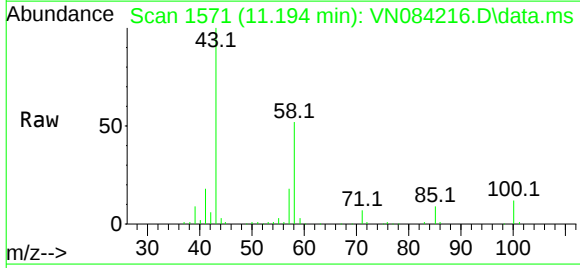
#59
2-Hexanone
Concen: 48.604 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 103615
Ion Ratio Lower Upper
43 100
58 54.2 27.3 81.8

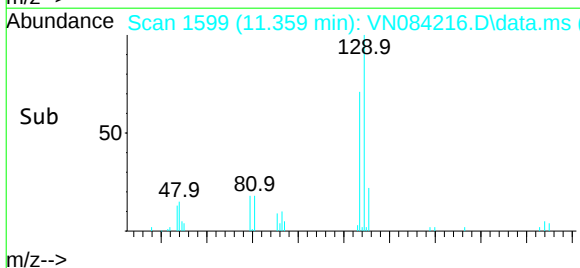
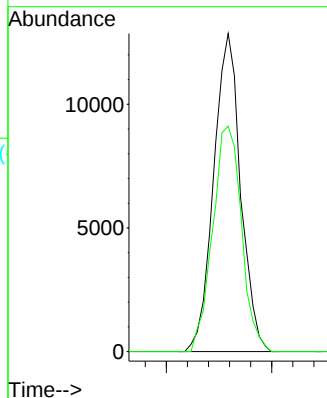
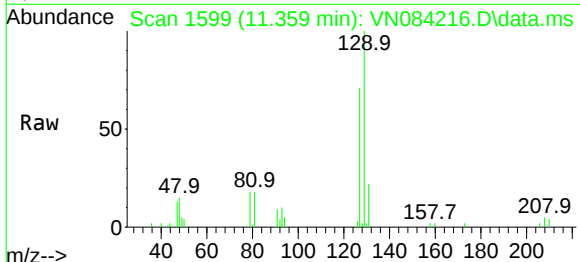
Manual Integrations
APPROVED

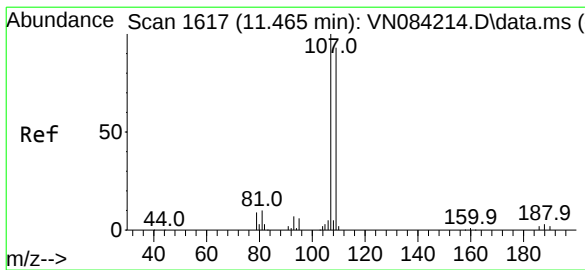
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#60
Dibromochloromethane
Concen: 9.715 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion:129 Resp: 22833
Ion Ratio Lower Upper
129 100
127 75.9 38.3 114.9





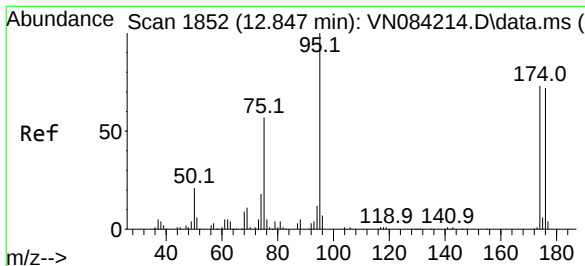
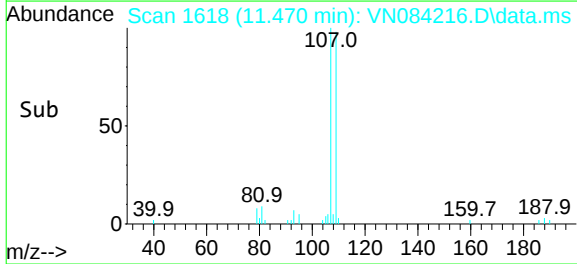
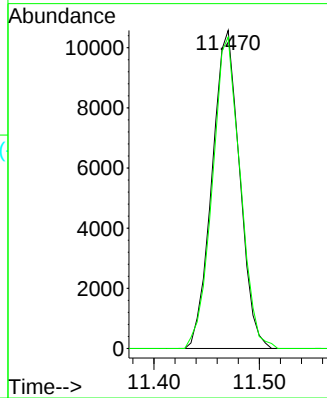
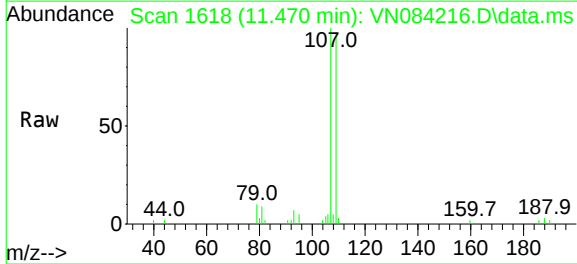
#61
1,2-Dibromoethane
Concen: 9.299 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 107 Resp: 19220
Ion Ratio Lower Upper
107 100
109 98.6 75.4 113.0

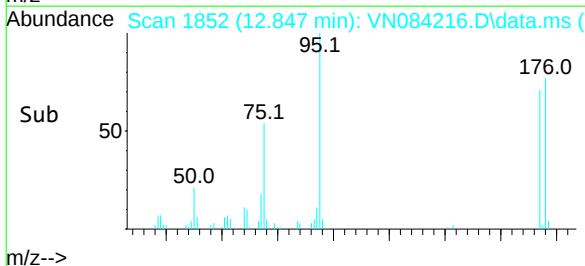
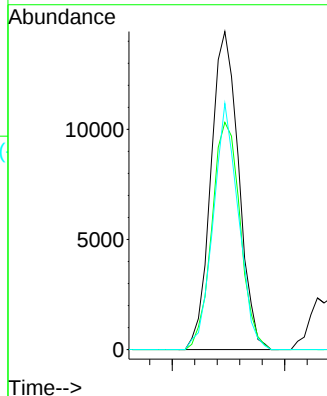
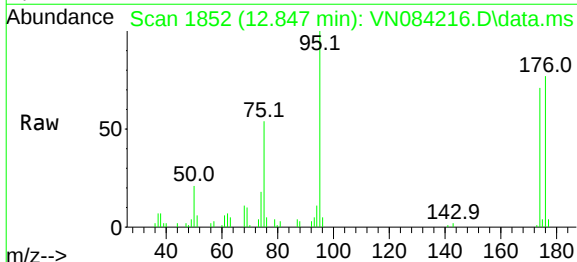
Manual Integrations
APPROVED

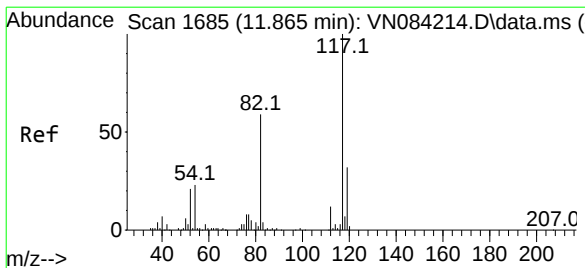
Reviewed By : John Carlone 10/01/2024
Supervised By : Mahesh Dadoda 10/01/2024



#62
4-Bromofluorobenzene
Concen: 9.186 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

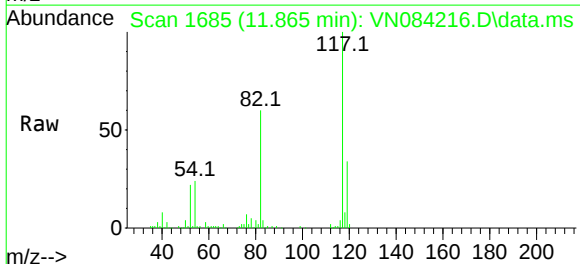
Tgt Ion: 95 Resp: 24756
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.2
176 70.5 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

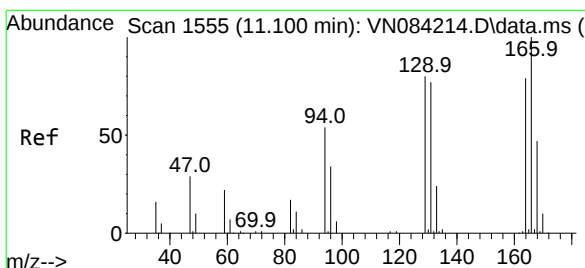
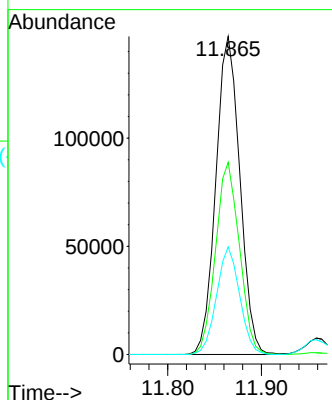
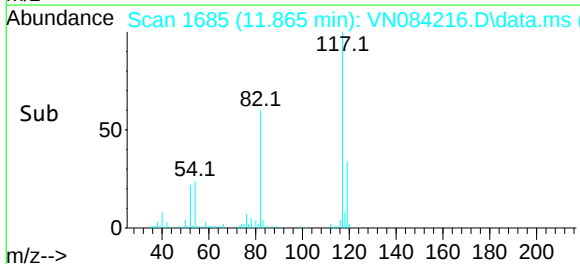
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:117 Resp: 262325
Ion Ratio Lower Upper
117 100
82 60.4 47.2 70.8
119 33.9 25.4 38.0

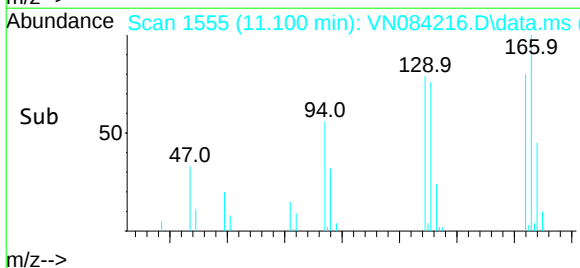
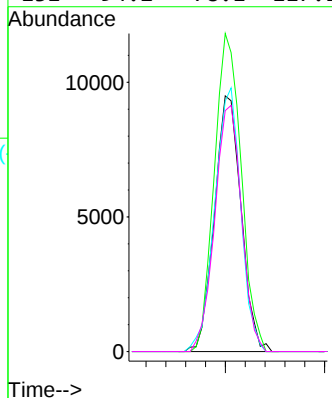
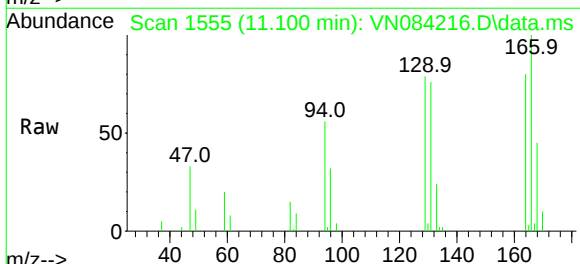
Manual Integrations
APPROVED

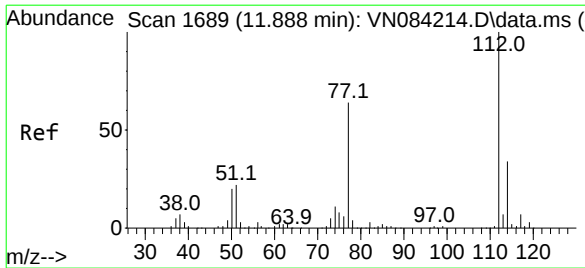
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#64
Tetrachloroethene
Concen: 9.711 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion:164 Resp: 17743
Ion Ratio Lower Upper
164 100
166 124.4 101.0 151.4
129 98.0 80.8 121.2
131 94.2 78.1 117.1





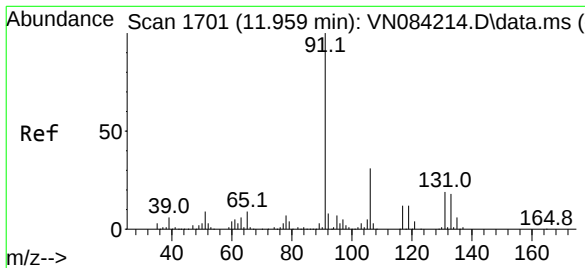
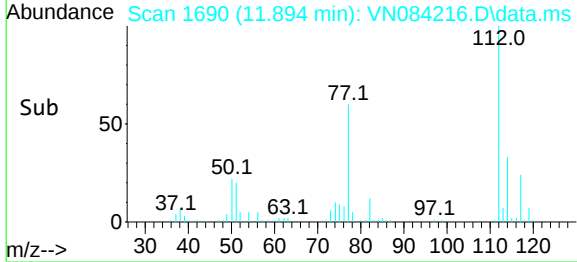
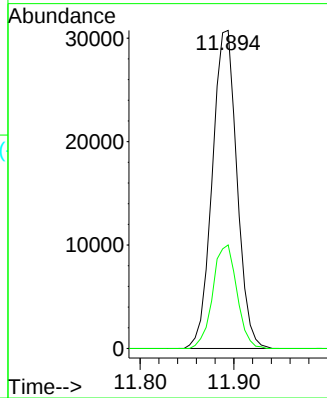
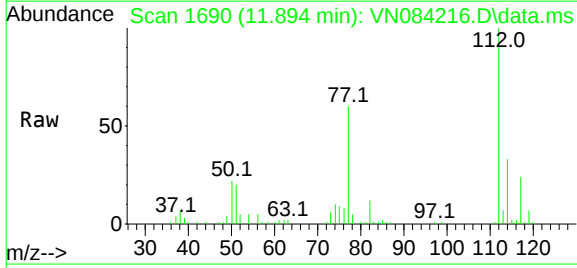
#65
Chlorobenzene
Concen: 9.645 ug/l
RT: 11.894 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 56099
Ion Ratio Lower Upper
112 100
114 32.6 27.0 40.6

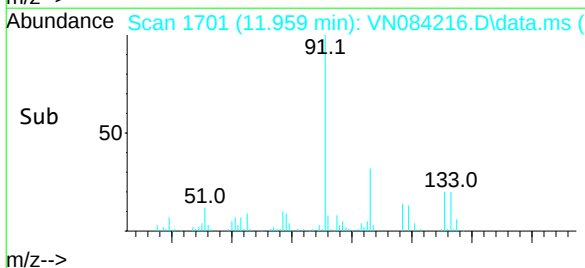
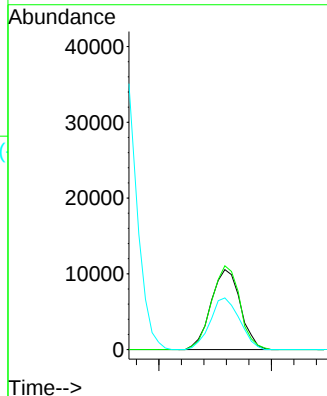
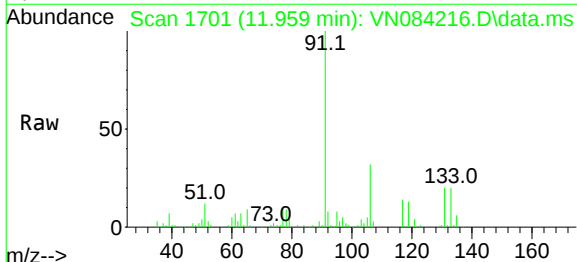
Manual Integrations
APPROVED

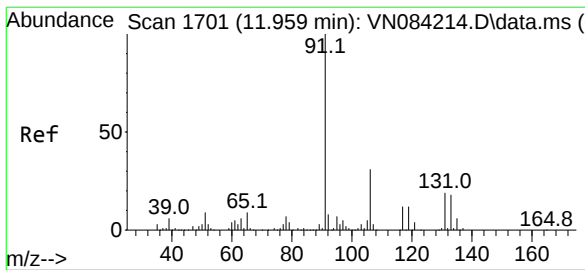
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 9.597 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion:131 Resp: 19227
Ion Ratio Lower Upper
131 100
133 100.5 47.9 143.7
119 64.6 32.8 98.3





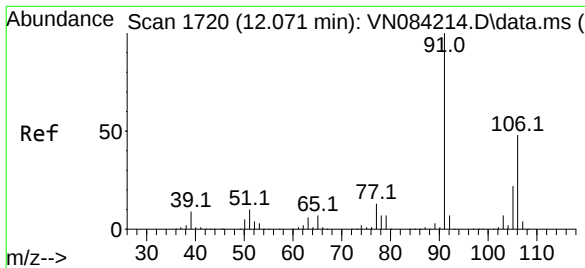
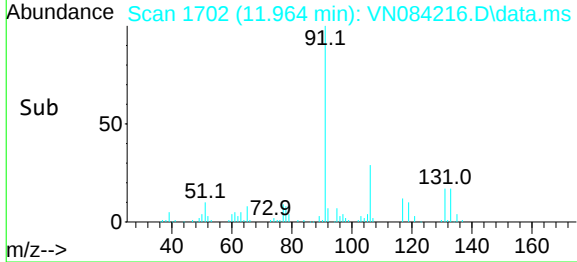
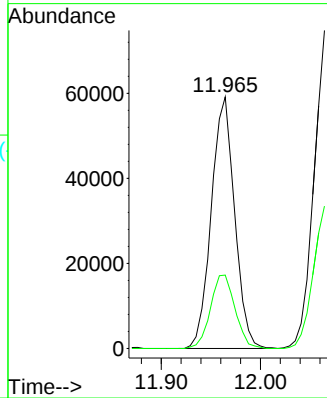
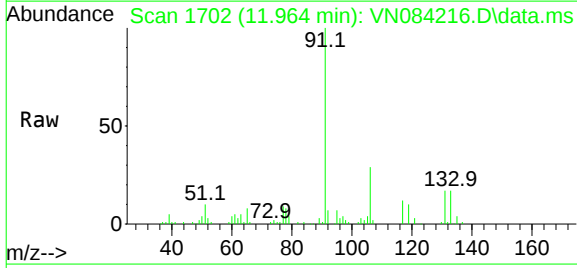
#67
Ethyl Benzene
Concen: 9.385 ug/l
RT: 11.964 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 96533
Ion Ratio Lower Upper
91 100
106 29.2 24.5 36.7

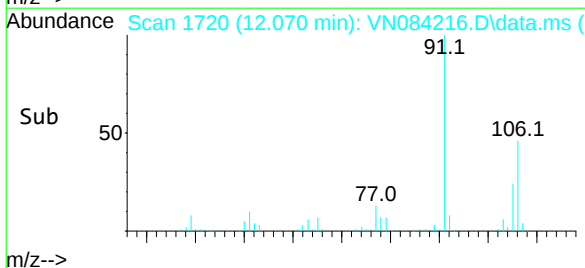
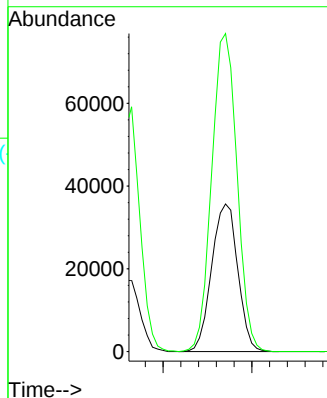
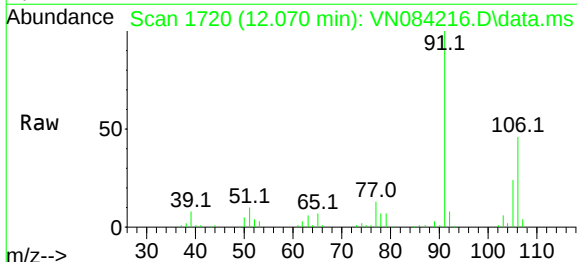
Manual Integrations
APPROVED

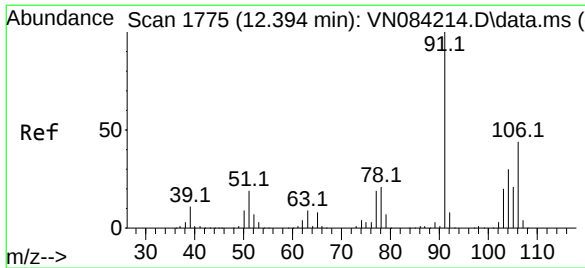
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#68
m/p-Xylenes
Concen: 19.162 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion:106 Resp: 72910
Ion Ratio Lower Upper
106 100
91 208.7 167.1 250.7





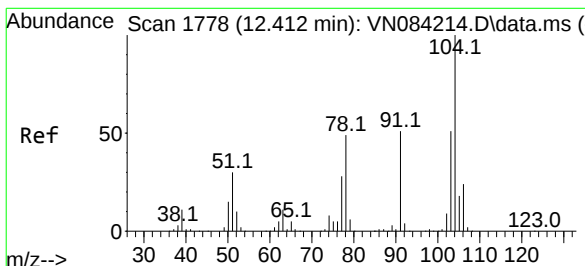
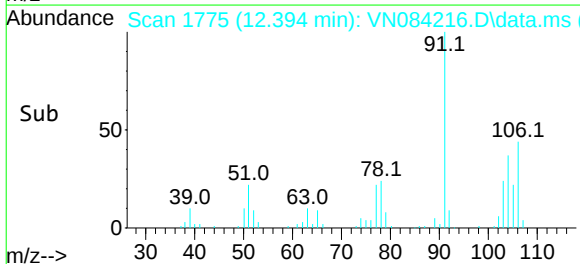
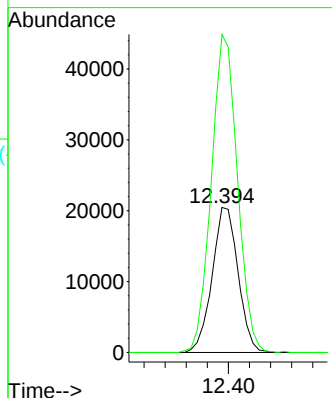
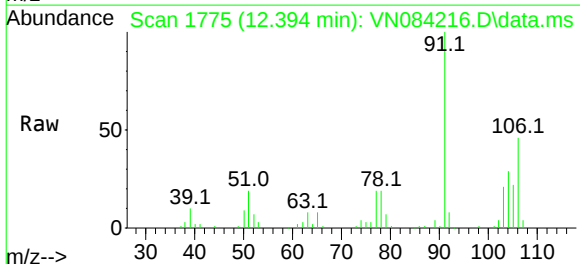
#69
o-Xylene
Concen: 9.713 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 34965
Ion Ratio Lower Upper
106 100
91 220.8 110.2 330.6

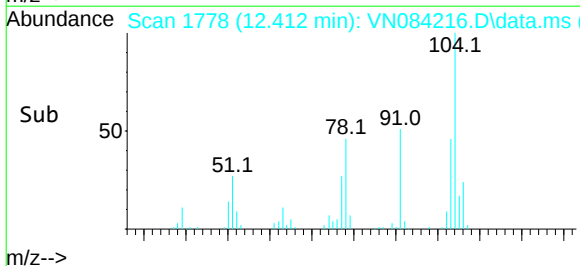
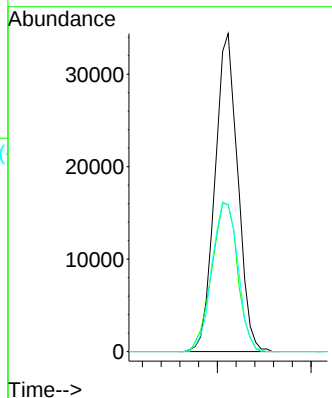
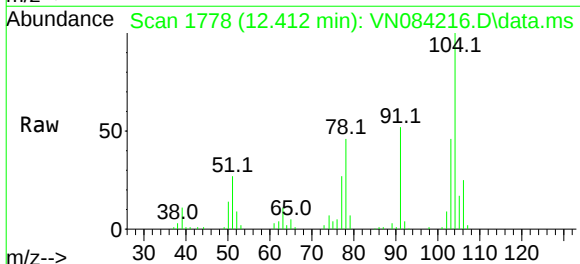
Manual Integrations
APPROVED

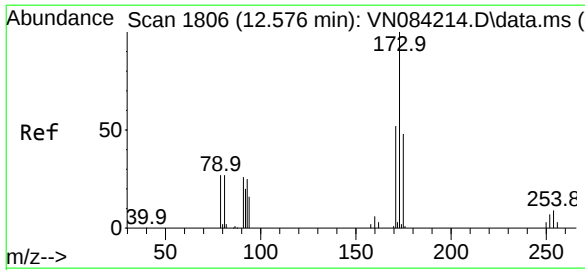
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#70
Styrene
Concen: 9.572 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion:104 Resp: 58367
Ion Ratio Lower Upper
104 100
78 52.7 42.7 64.1
103 53.4 43.6 65.4





#71

Bromoform

Concen: 9.233 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

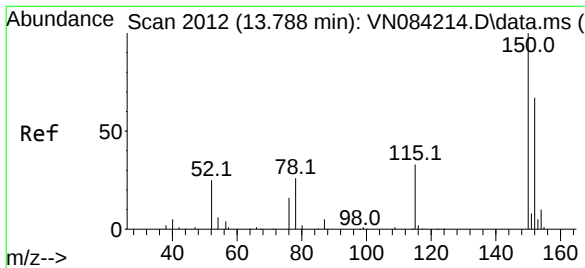
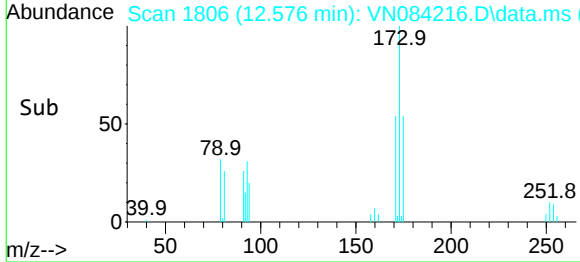
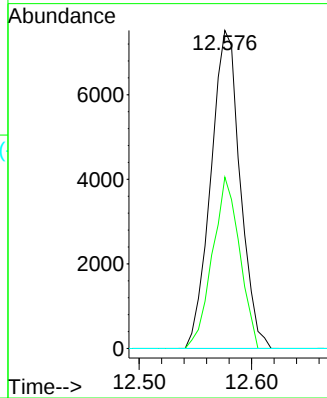
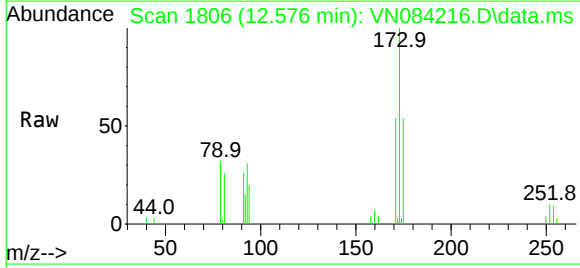
Tgt Ion:	173	Resp:	13618
Ion Ratio	Lower	Upper	
173	100		
175	49.9	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

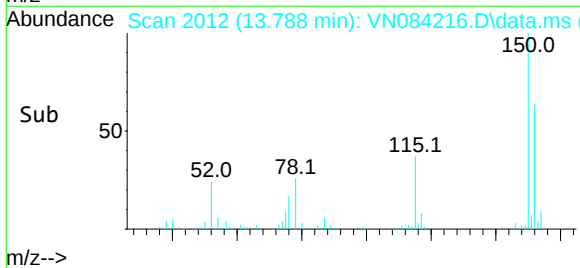
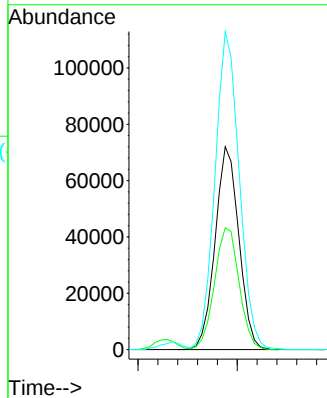
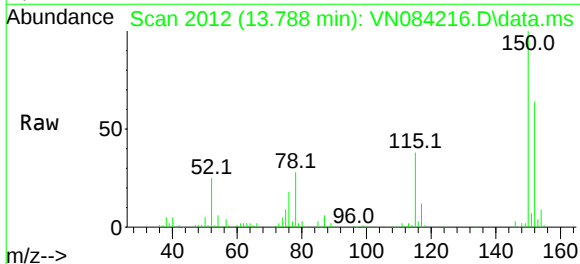
RT: 13.788 min Scan# 2012

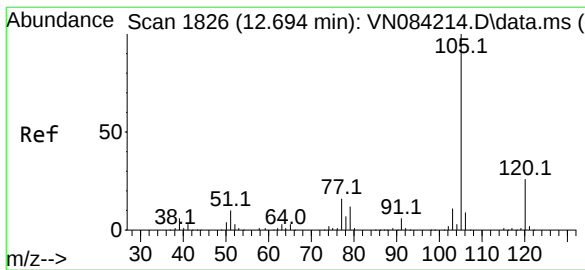
Delta R.T. -0.000 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Tgt Ion:	152	Resp:	119657
Ion Ratio	Lower	Upper	
152	100		
115	62.4	31.3	93.9
150	160.7	0.0	349.8





#73

Isopropylbenzene

Concen: 9.638 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 105 Resp: 88000

Ion Ratio Lower Upper

105 100

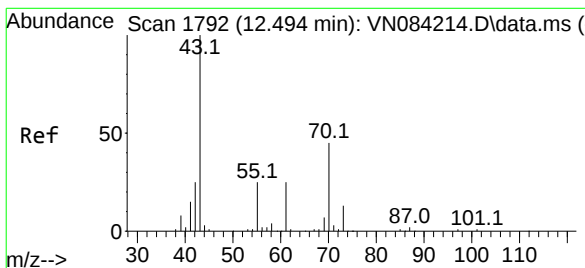
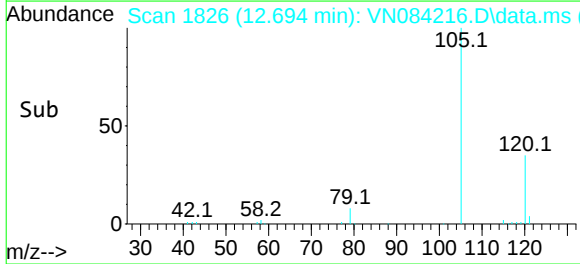
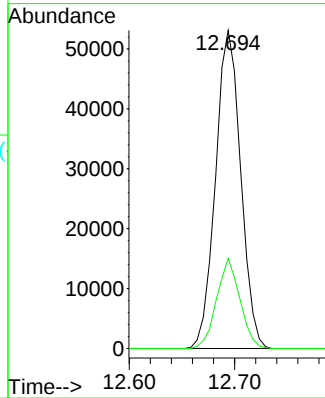
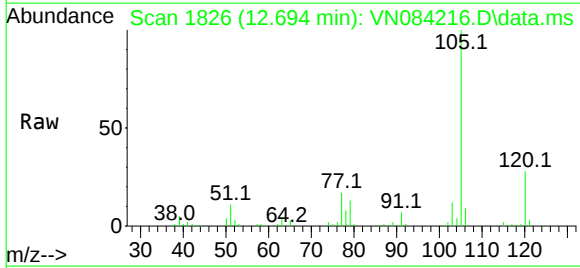
120 26.2 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#74

N-ethyl acetate

Concen: 9.868 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Tgt Ion: 43 Resp: 40801

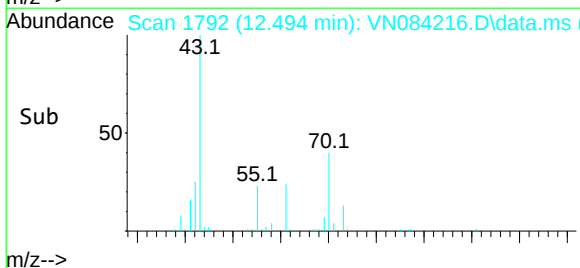
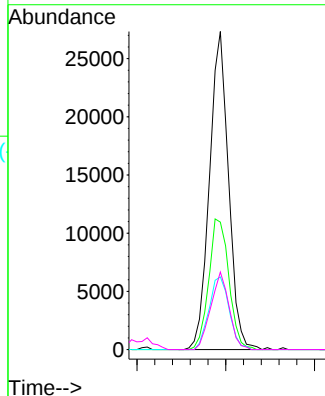
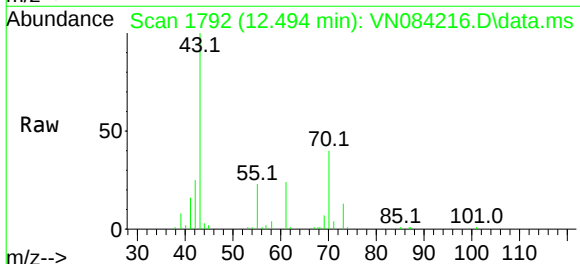
Ion Ratio Lower Upper

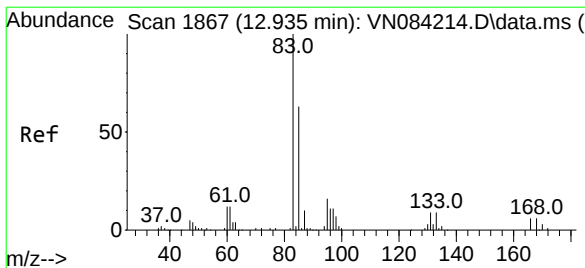
43 100

70 43.4 34.4 51.6

55 24.2 19.6 29.4

61 23.4 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 9.822 ug/l

RT: 12.935 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

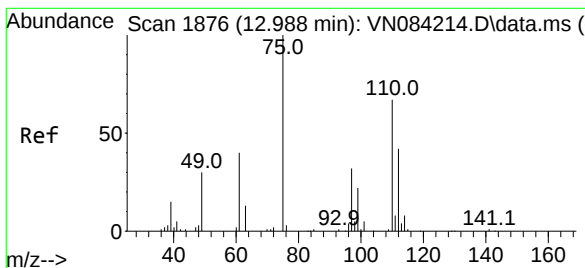
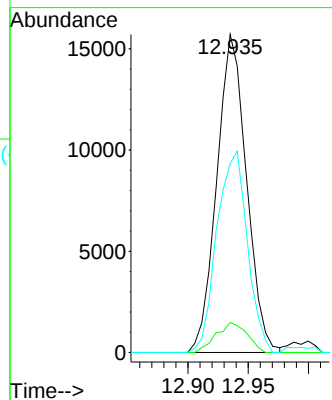
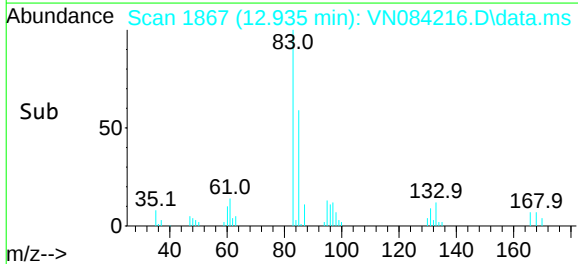
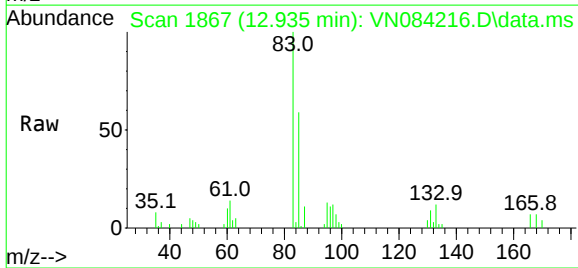
Tgt Ion:	83	Resp:	26966
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	64.7	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#76

1,2,3-Trichloropropane

Concen: 10.024 ug/l m

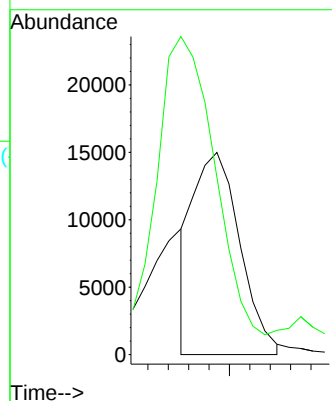
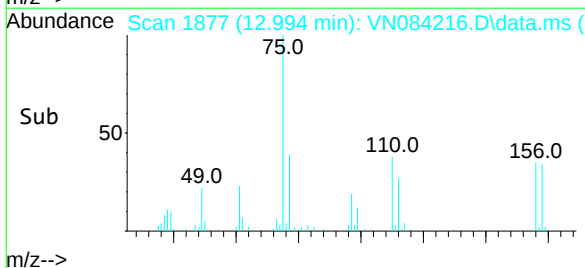
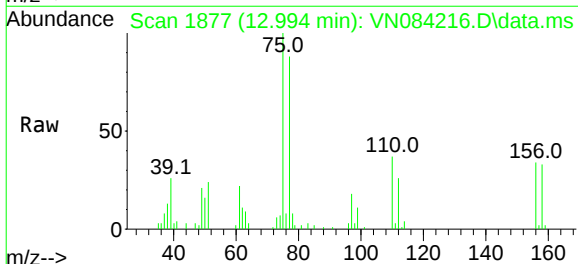
RT: 12.994 min Scan# 1877

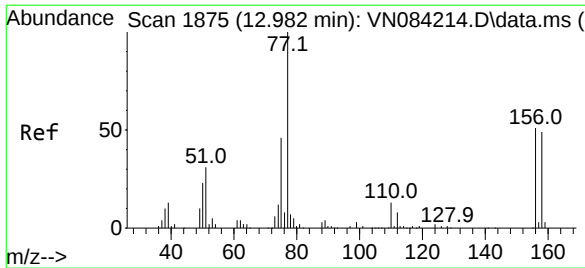
Delta R.T. 0.006 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Tgt Ion:	75	Resp:	23907
Ion	Ratio	Lower	Upper
75	100		
77	205.3	96.9	290.7





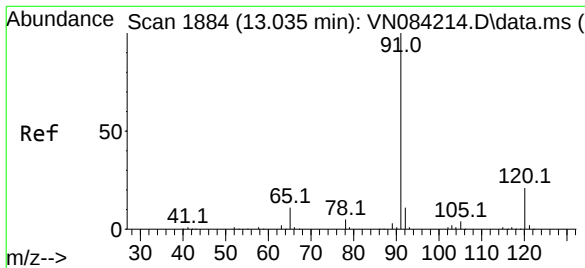
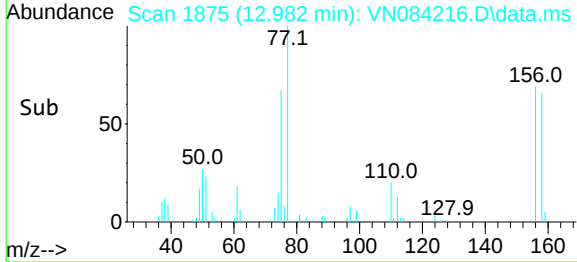
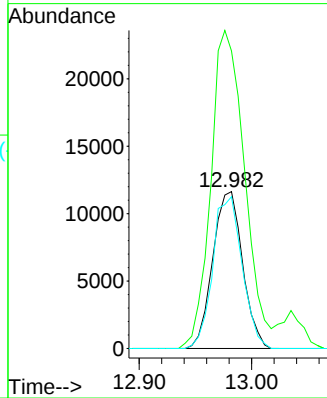
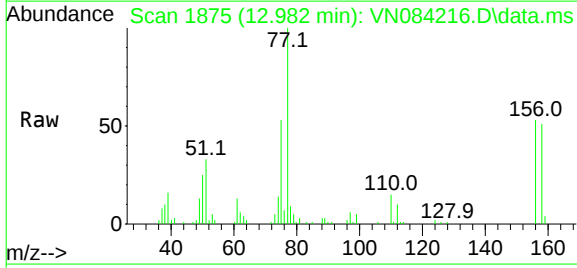
#77
Bromobenzene
Concen: 9.734 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
156	100		
77	229.0	115.1	345.3
158	95.3	48.9	146.8

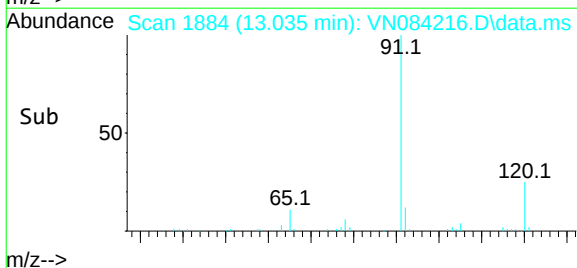
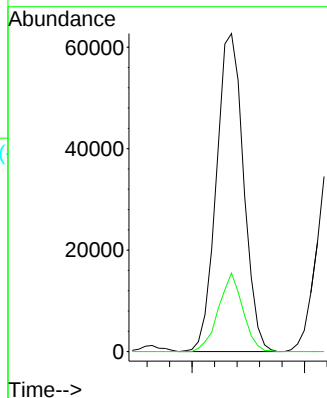
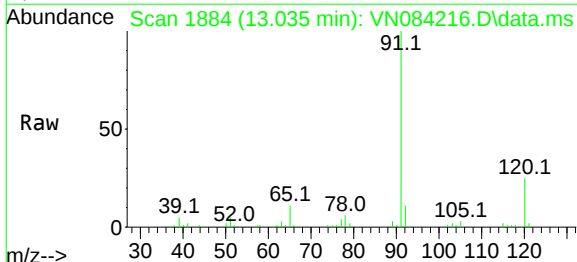
Manual Integrations
APPROVED

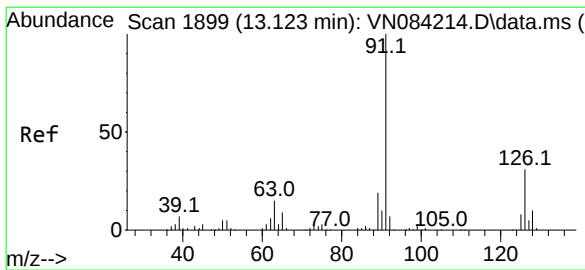
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#78
n-propylbenzene
Concen: 9.957 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.8	32.4





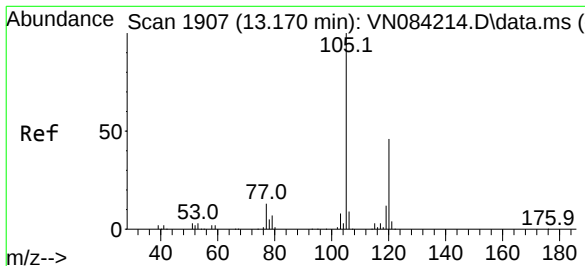
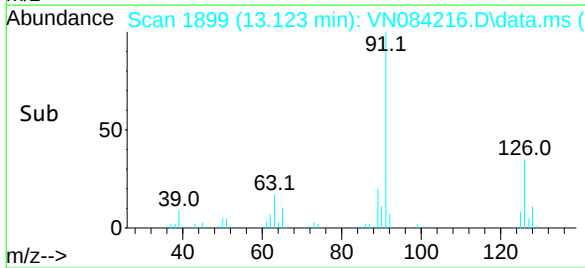
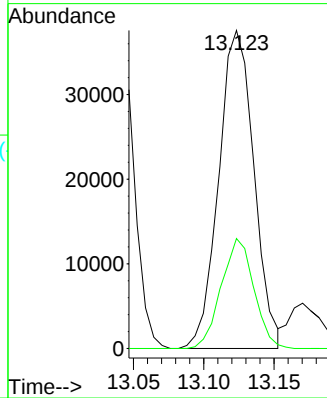
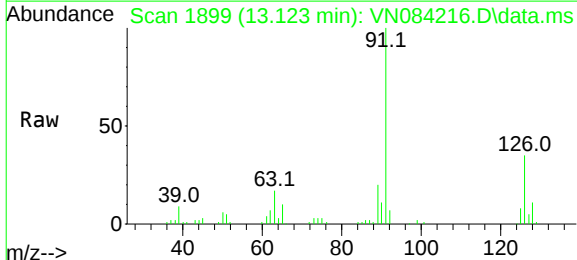
#79
2-Chlorotoluene
Concen: 9.704 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 65511
Ion Ratio Lower Upper
91 100
126 32.0 15.7 47.1

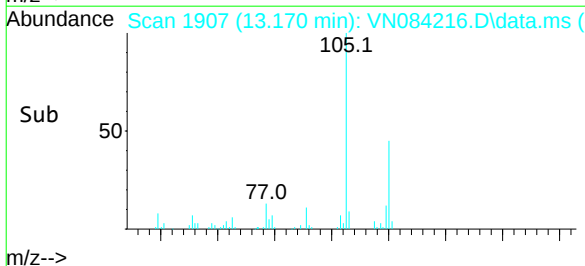
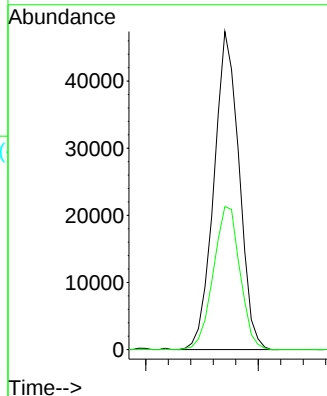
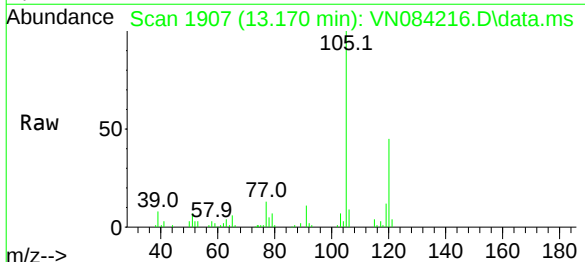
Manual Integrations
APPROVED

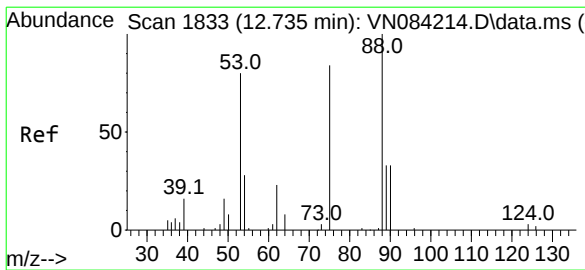
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 9.887 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion:105 Resp: 73637
Ion Ratio Lower Upper
105 100
120 47.5 23.7 71.1





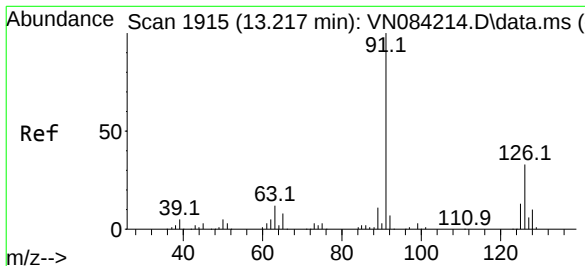
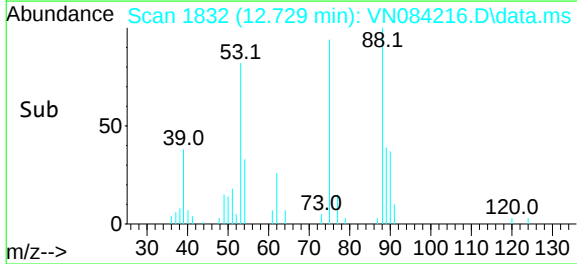
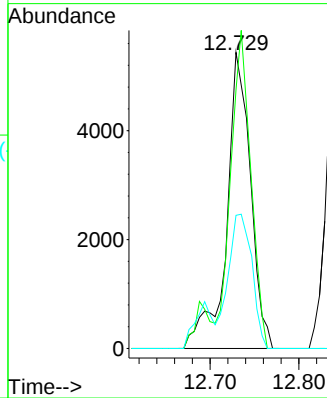
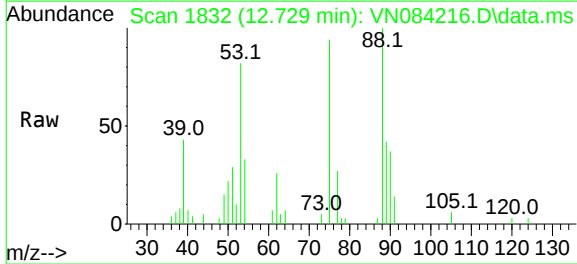
#81
trans-1,4-Dichloro-2-butene
Concen: 10.047 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion	Ratio	Lower	Upper
75	100		
53	89.4	78.0	117.0
89	44.7	35.5	53.3

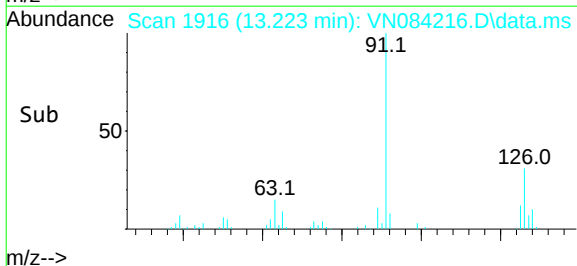
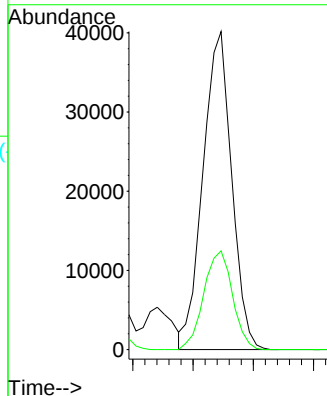
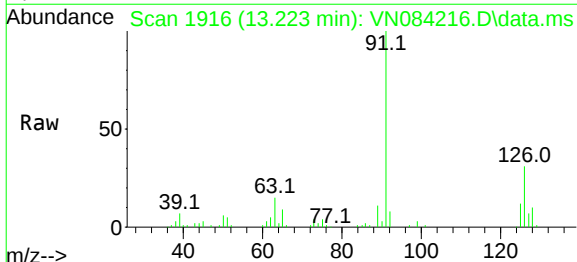
Manual Integrations
APPROVED

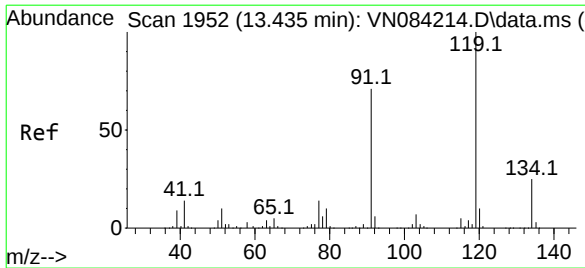
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#82
4-Chlorotoluene
Concen: 9.778 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.7	47.1





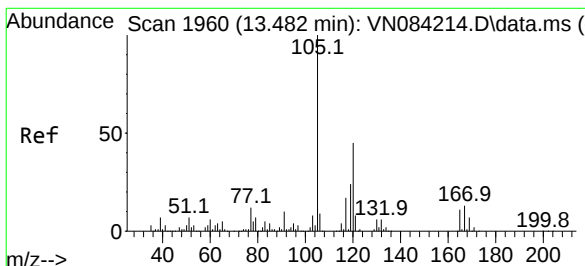
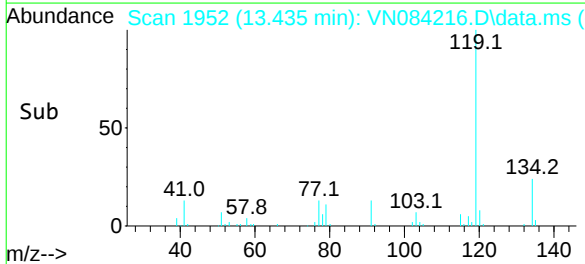
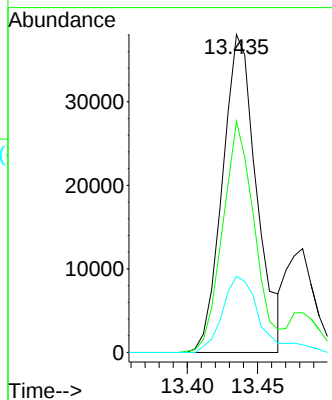
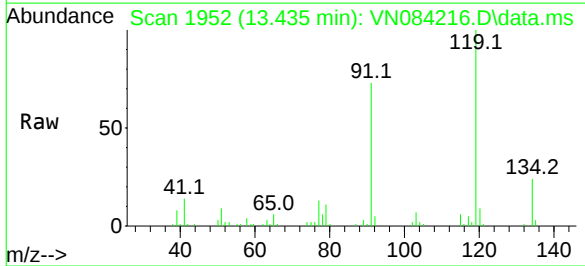
#83
tert-Butylbenzene
Concen: 9.691 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion	119	Resp	64152
Ion Ratio	100		
91	67.9	34.1	102.3
134	26.6	12.8	38.4

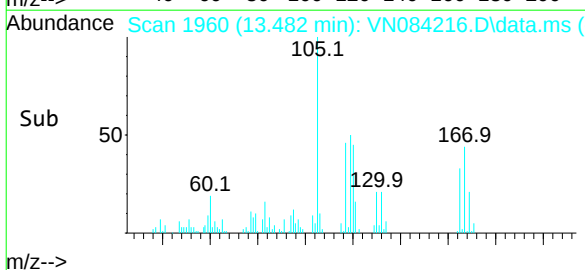
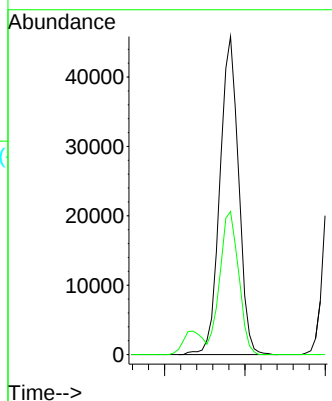
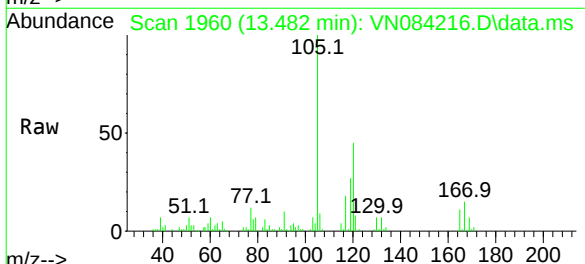
Manual Integrations
APPROVED

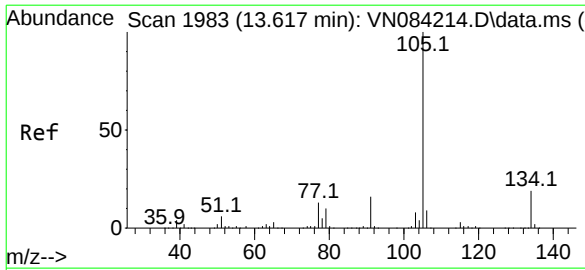
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#84
1,2,4-Trimethylbenzene
Concen: 9.895 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Tgt Ion	105	Resp	74245
Ion Ratio <td>100</td> <td></td> <td></td>	100		
120	45.2	22.3	66.8





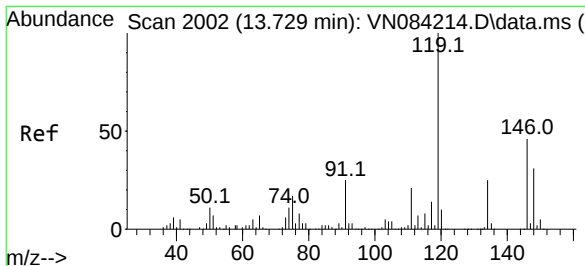
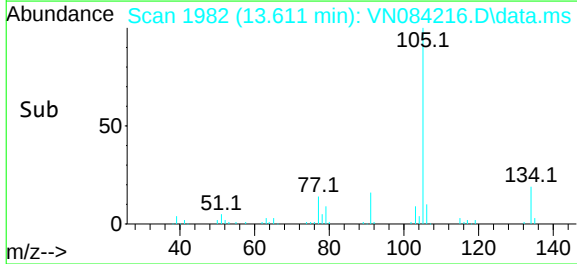
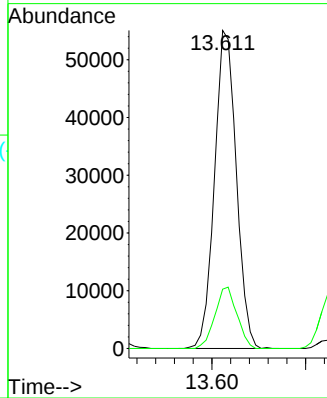
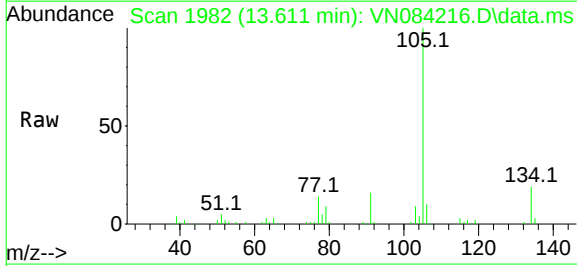
#85
sec-Butylbenzene
Concen: 10.065 ug/l
RT: 13.611 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 88913
Ion Ratio Lower Upper
105 100
134 19.4 9.8 29.4

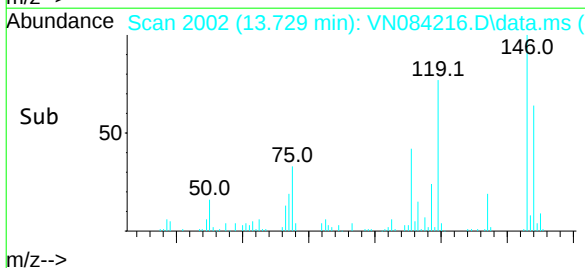
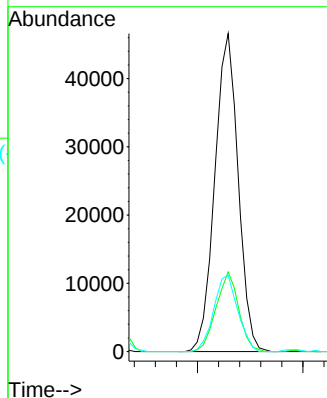
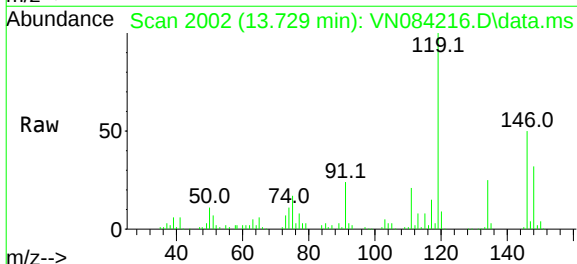
Manual Integrations
APPROVED

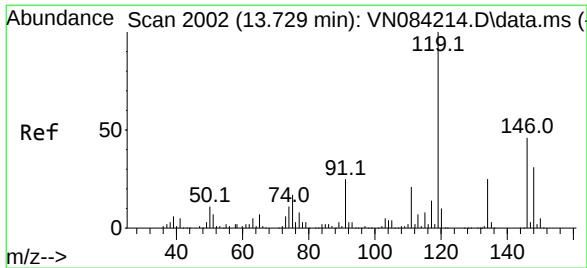
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#86
p-Isopropyltoluene
Concen: 9.812 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

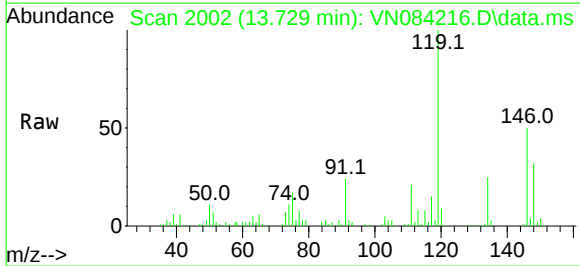
Tgt Ion:119 Resp: 71675
Ion Ratio Lower Upper
119 100
134 24.2 12.6 37.8
91 24.7 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 9.536 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084216.D
 Acq: 30 Sep 2024 13:37

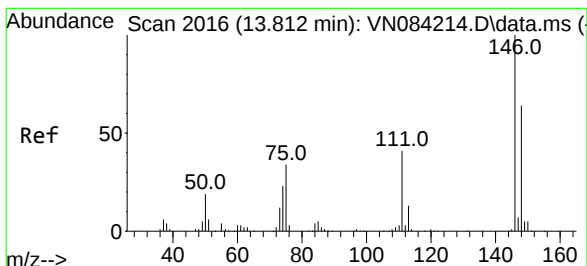
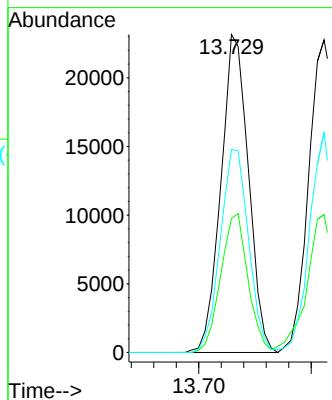
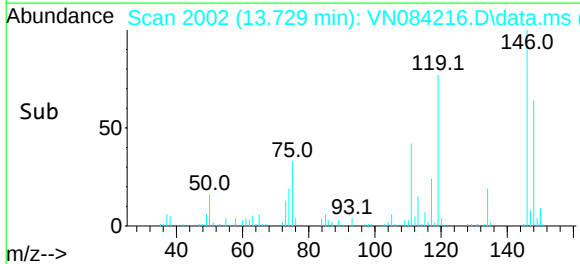
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



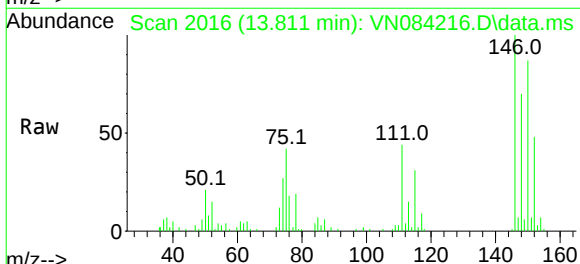
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.8	65.3
148	65.7	31.9	95.7

Manual Integrations
 APPROVED

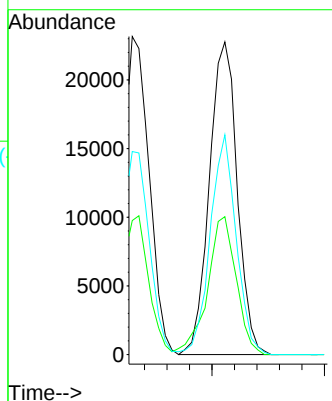
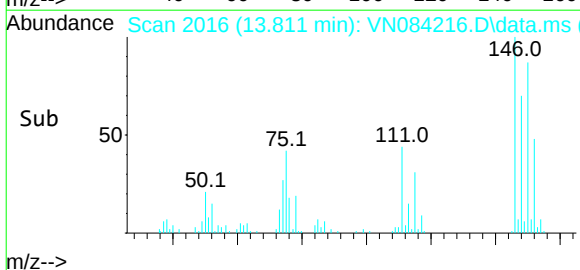
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024

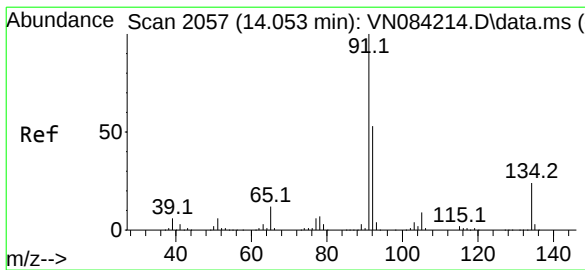


#88
 1,4-Dichlorobenzene
 Concen: 9.392 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN084216.D
 Acq: 30 Sep 2024 13:37



Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.4	21.2	63.6
148	65.5	31.9	95.9





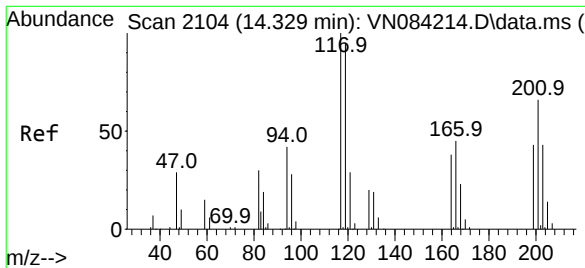
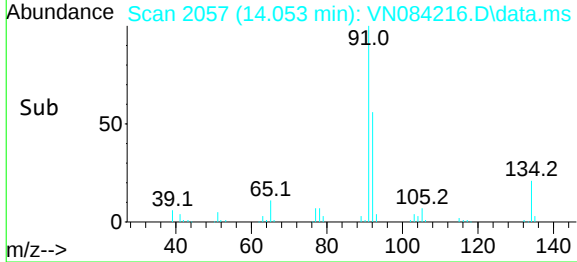
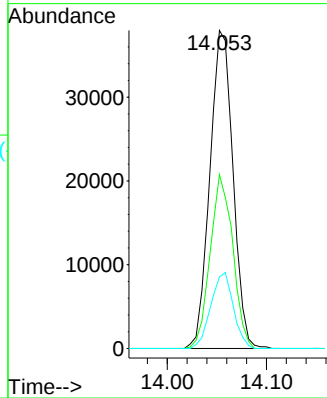
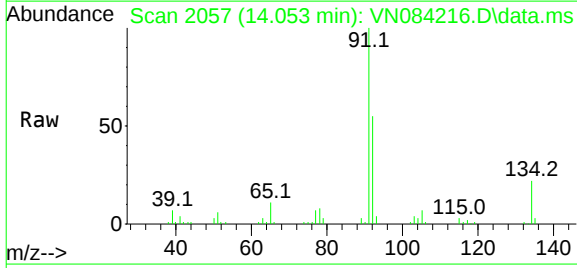
#89
n-Butylbenzene
Concen: 9.273 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:	91	Resp:	61422
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.7
134	23.2	12.3	36.9

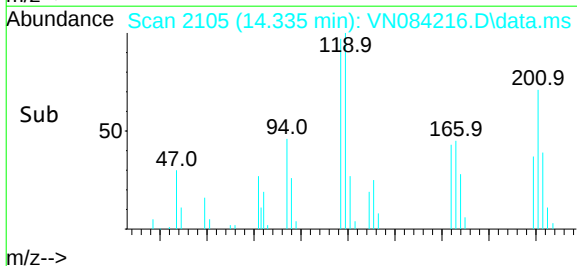
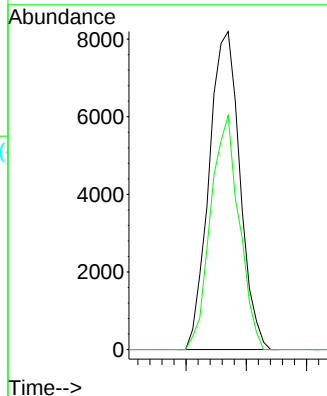
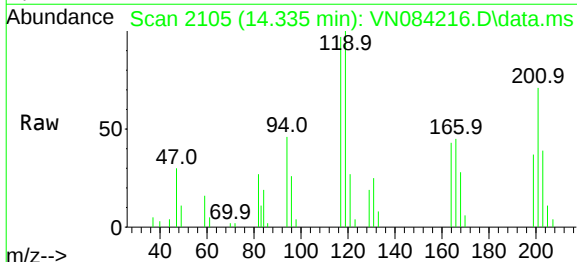
Manual Integrations
APPROVED

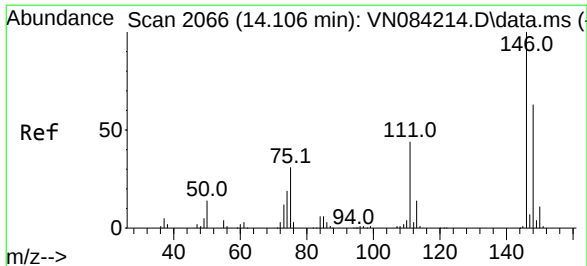
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#90
Hexachloroethane
Concen: 9.820 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

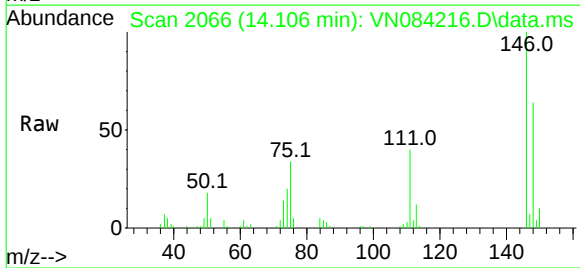
Tgt Ion:	117	Resp:	14560
Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.4	103.2





#91
1,2-Dichlorobenzene
Concen: 9.526 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37

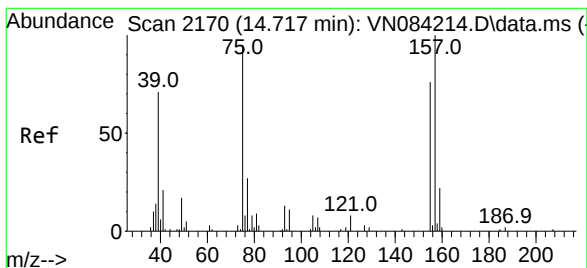
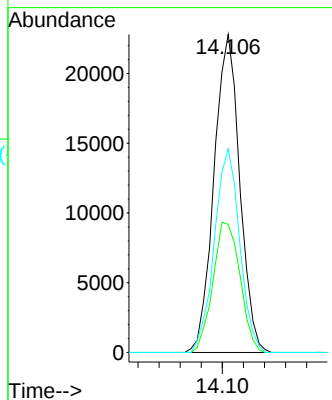
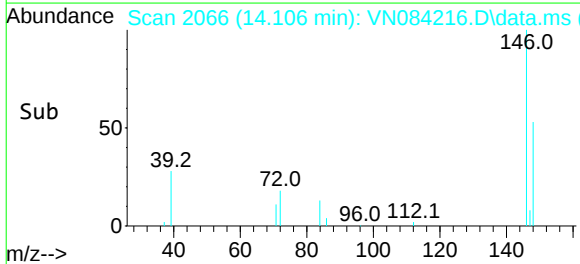
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



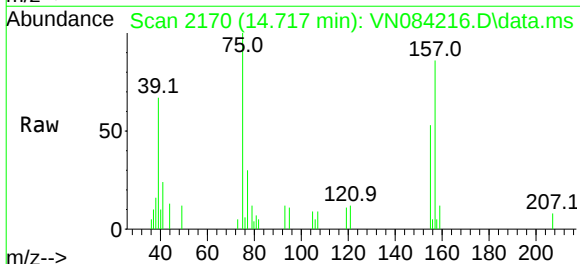
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	22.0	66.0
148	63.1	32.1	96.3

Manual Integrations
APPROVED

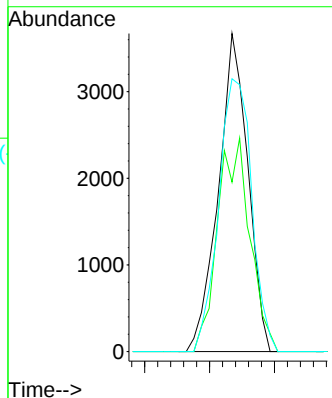
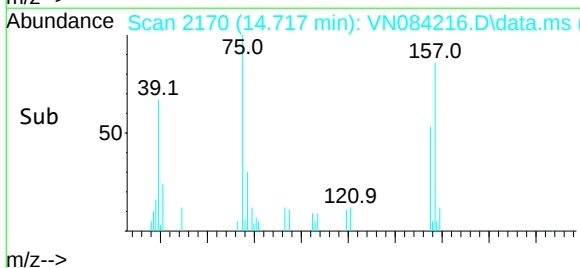
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

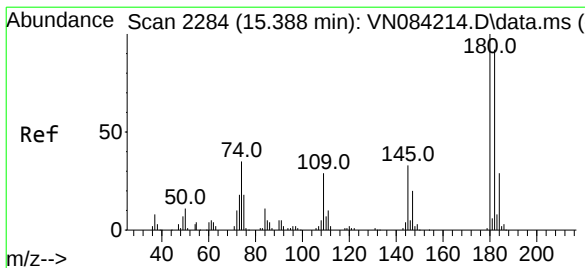


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.235 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084216.D
Acq: 30 Sep 2024 13:37



Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.5	38.1	114.5
157	96.2	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 9.501 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

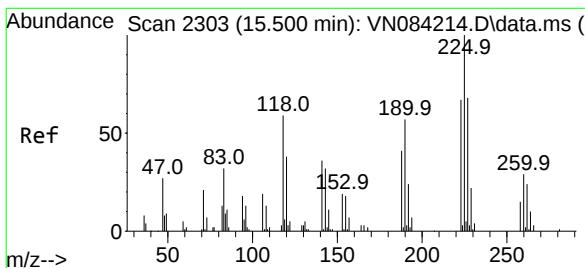
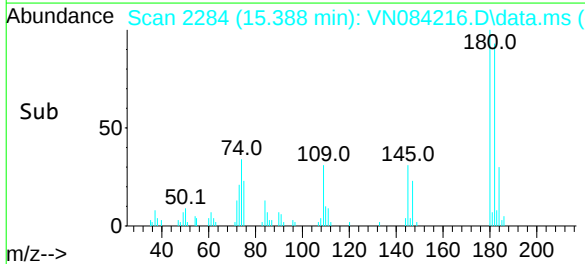
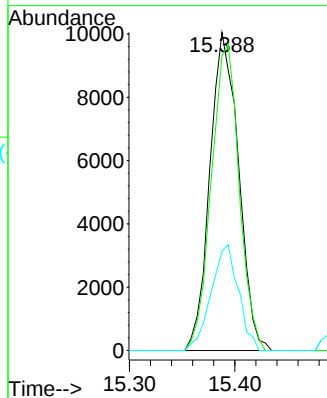
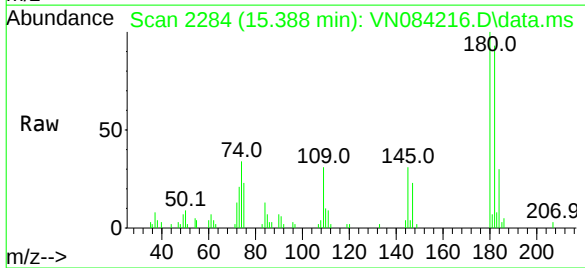
Tgt Ion:	180	Resp:	18960
Ion Ratio	Lower	Upper	
180	100		
182	93.4	47.0	141.0
145	31.7	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#94

Hexachlorobutadiene

Concen: 9.638 ug/l

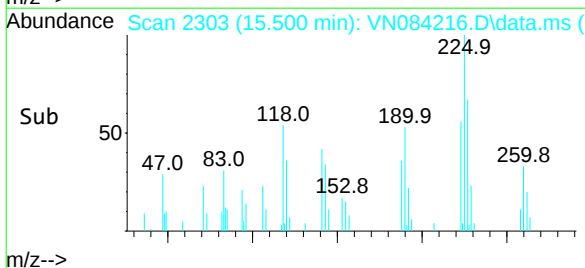
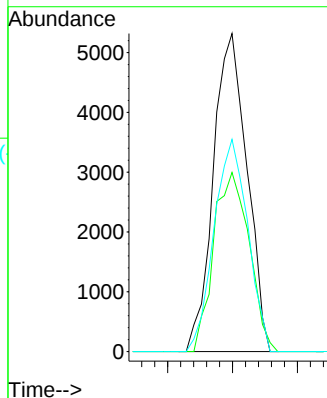
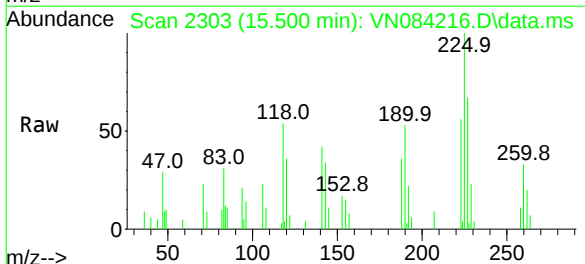
RT: 15.500 min Scan# 2303

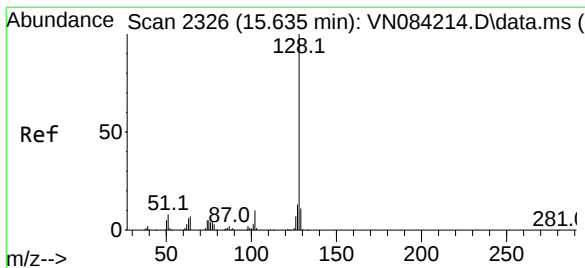
Delta R.T. -0.000 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Tgt Ion:	225	Resp:	9592
Ion Ratio	Lower	Upper	
225	100		
223	59.4	32.4	97.2
227	66.8	32.4	97.0





#95

Naphthalene

Concen: 9.613 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

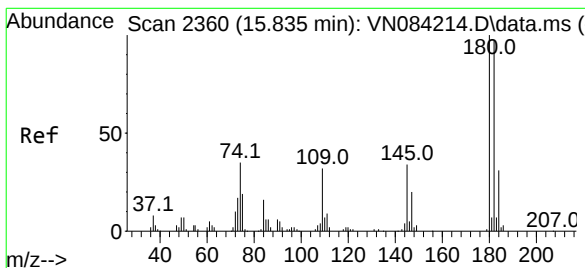
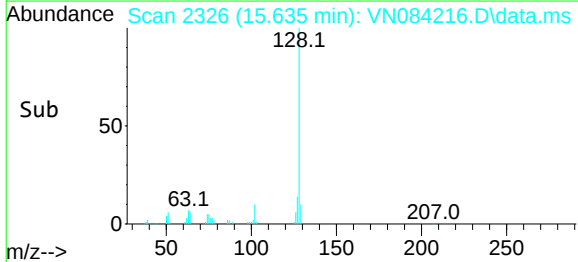
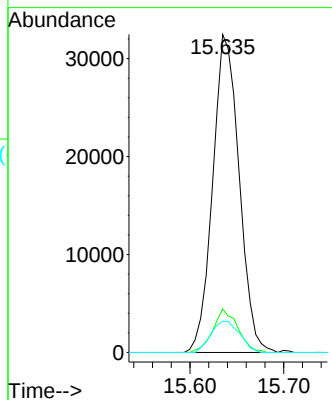
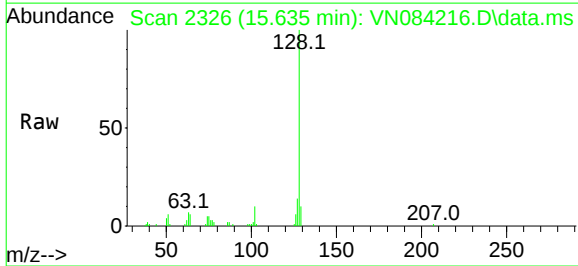
Tgt Ion:	128	Resp:	63596
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#96

1,2,3-Trichlorobenzene

Concen: 9.826 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084216.D

Acq: 30 Sep 2024 13:37

Tgt Ion:	180	Resp:	19629
Ion Ratio	Lower	Upper	
180	100		
182	93.5	48.2	144.6
145	36.4	17.3	51.9

