

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101524\
 Data File : VN084414.D
 Acq On : 15 Oct 2024 14:15
 Operator : JC\MD
 Sample : VN1015WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/16/2024
 Supervised By : Mahesh Dadoda 10/16/2024

Quant Time: Oct 16 01:24:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	28554	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	151560	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	142222	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	69607	30.279	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.933%			
60) 4-Bromofluorobenzene	12.847	95	71326	30.387	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.300%			
63) Toluene-d8	10.565	98	199658	30.303	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34764	19.941	ug/l	96
3) Chloromethane	2.359	50	40847	20.589	ug/l	97
4) Vinyl Chloride	2.512	62	39295	20.198	ug/l	98
5) Bromomethane	2.959	94	25833	20.042	ug/l	94
6) Chloroethane	3.118	64	26822	21.030	ug/l	97
7) Trichlorofluoromethane	3.494	101	66195	20.888	ug/l	95
8) Diethyl Ether	3.965	74	23978	20.580	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	37157	20.853	ug/l	100
10) 1,1-Dichloroethene	4.341	96	36351	20.446	ug/l	83
11) Methyl Iodide	4.589	142	46840	20.047	ug/l	98
12) Methyl Acetate	5.024	43	51849	23.295	ug/l	94
13) Acrolein	4.183	56	50707	122.638	ug/l	94
14) Acrylonitrile	5.724	53	107002	107.005	ug/l	98
15) Acetone	4.436	58	36938	129.310	ug/l	99
16) Carbon Disulfide	4.712	76	100428	18.969	ug/l	99
17) Allyl chloride	5.024	41	55096	19.117	ug/l	97
18) Methylene Chloride	5.277	84	43095	21.517	ug/l	92
19) trans-1,2-Dichloroethene	5.788	96	37910	20.147	ug/l	95
20) Diisopropyl ether	6.671	45	131717	21.256	ug/l	95
21) 1,1-Dichloroethane	6.565	63	73247	20.600	ug/l	95
22) cis-1,2-Dichloroethene	7.488	96	46165	21.084	ug/l	98
23) tert-Butyl Alcohol	5.530	59	40932m	106.714	ug/l	
24) Methyl tert-Butyl Ether	5.794	73	122514	20.620	ug/l #	85
25) Chloroform	7.965	83	77303	21.466	ug/l	98
26) Cyclohexane	8.259	56	55458	18.649	ug/l #	92
29) 1,1-Dichloropropene	8.365	75	50054	20.118	ug/l	98
30) 2-Butanone	7.482	43	153065	115.551	ug/l	100
31) 2,2-Dichloropropane	7.488	77	65128	22.276	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	69335	21.803	ug/l	99
33) Carbon Tetrachloride	8.365	117	58812	21.347	ug/l	98
34) Benzene	8.606	78	166629	21.395	ug/l	96
35) Methacrylonitrile	7.777	41	31038	21.963	ug/l	95
36) 1,2-Dichloroethane	8.671	62	57152	22.016	ug/l	99
37) Trichloroethene	9.353	130	38562	21.503	ug/l	95
38) Methylcyclohexane	9.600	83	53315	19.509	ug/l	98
39) 1,2-Dichloropropane	9.618	63	41040	21.609	ug/l	99
40) Dibromomethane	9.712	93	29396	22.146	ug/l	99
41) Bromodichloromethane	9.888	83	62727	22.261	ug/l	93
42) Vinyl Acetate	6.600	43	471552	102.355	ug/l	100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	56109	21.477	ug/l	97
44) Isopropyl Acetate	8.688	43	92896	21.725	ug/l	100
45) 1,4-Dioxane	9.694	88	18442	478.439	ug/l	95
46) Methyl methacrylate	9.676	41	44421	21.501	ug/l	96
47) n-amyl Acetate	12.494	43	78755	20.707	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	59405	20.401	ug/l	95
49) cis-1,3-Dichloropropene	10.312	75	66078	21.653	ug/l #	94
50) 1,1,2-Trichloroethane	11.018	97	40419	22.655	ug/l	98
51) Ethyl methacrylate	10.876	69	60431	20.506	ug/l	94
52) 1,3-Dichloropropane	11.165	76	69509	22.282	ug/l	99
53) Dibromochloromethane	11.359	129	46718	22.167	ug/l	99
54) 1,2-Dibromoethane	11.470	107	40277	21.932	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	126342	94.526	ug/l	98
56) Bromoform	12.576	173	30145	21.566	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	293305	110.707	ug/l	100
59) 2-Hexanone	11.194	43	220986	112.250	ug/l	100
61) Tetrachloroethene	11.106	164	33678	20.934	ug/l	93
62) Toluene	10.629	91	175785	21.113	ug/l	99
64) Chlorobenzene	11.888	112	109158	21.068	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	39026	21.681	ug/l	99
66) Ethyl Benzene	11.965	91	183880	20.328	ug/l	96
67) m/p-Xylenes	12.070	106	145324	42.350	ug/l	98
68) o-Xylene	12.400	106	68413	20.683	ug/l	98
69) Styrene	12.412	104	117378	20.672	ug/l	99
70) Isopropylbenzene	12.694	105	173943	20.600	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	59514	22.783	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	49021m	21.912	ug/l	
73) Bromobenzene	12.982	156	43245	21.147	ug/l	99
74) n-propylbenzene	13.035	91	209365	20.807	ug/l	100
75) 2-Chlorotoluene	13.123	91	129924	20.779	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	150765	21.205	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	20359	21.297	ug/l	98
78) 4-Chlorotoluene	13.217	91	131572	20.697	ug/l	98
79) tert-butylbenzene	13.435	119	125167	20.636	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	151367	20.983	ug/l	98
81) sec-Butylbenzene	13.617	105	172756	20.687	ug/l	98
82) p-Isopropyltoluene	13.729	119	144825	20.605	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	79292	20.853	ug/l	97
84) 1,4-Dichlorobenzene	13.811	146	78565	20.807	ug/l	100
85) n-Butylbenzene	14.059	91	119043	19.554	ug/l	99
86) Hexachloroethane	14.329	117	28608	21.126	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	78484	21.348	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11440	21.416	ug/l	96
89) 1,2,4-Trichlorobenzene	15.835	180	37661	19.703	ug/l	99
90) Hexachlorobutadiene	15.500	225	18055	20.417	ug/l	98
91) Naphthalene	15.641	128	120915	18.667	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	37661	19.703	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

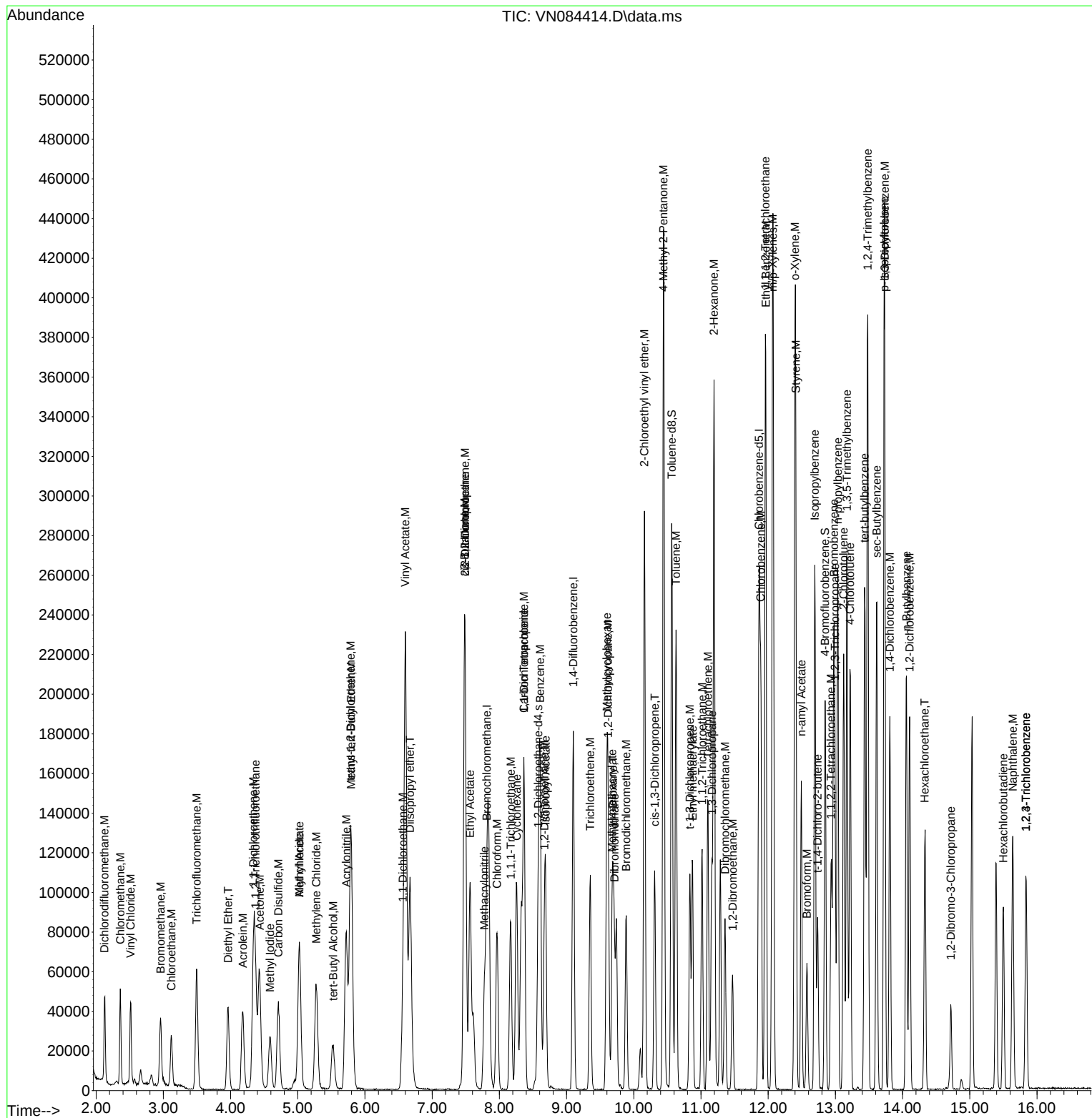
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101524\
 Data File : VN084414.D
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 Sample : VN1015WBSD01
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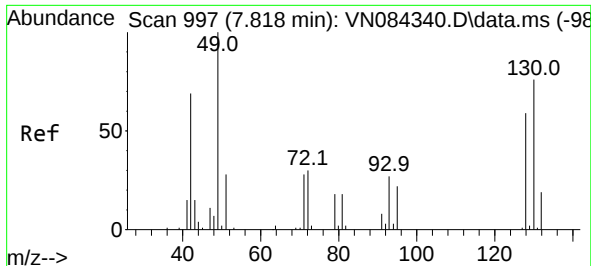
Instrument :
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 VN1015WBSD01

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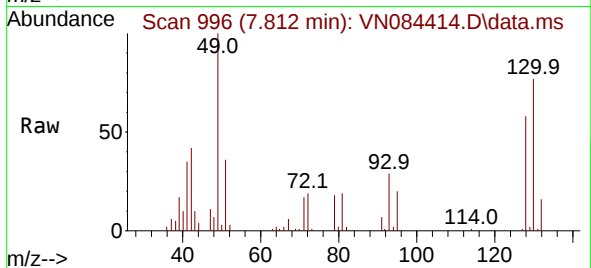
Quant Time: Oct 16 01:24:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

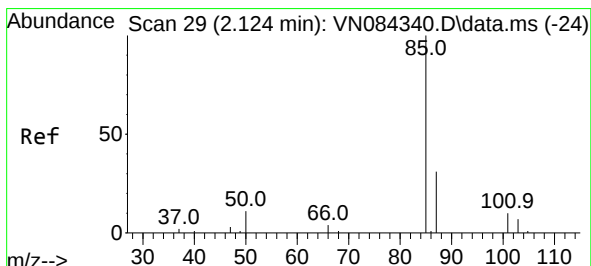
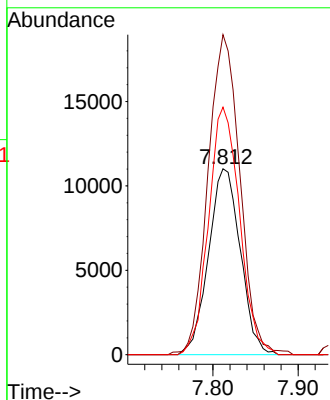
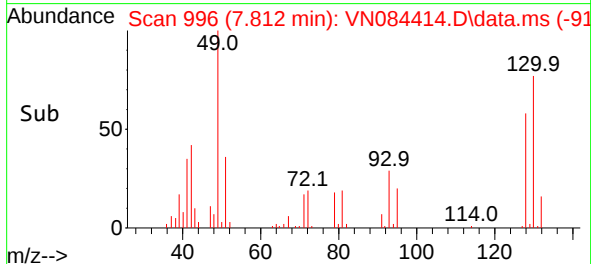
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01



Tgt Ion:128 Resp: 28554
Ion Ratio Lower Upper
128 100
49 167.4 0.0 430.0
130 130.3 0.0 329.8

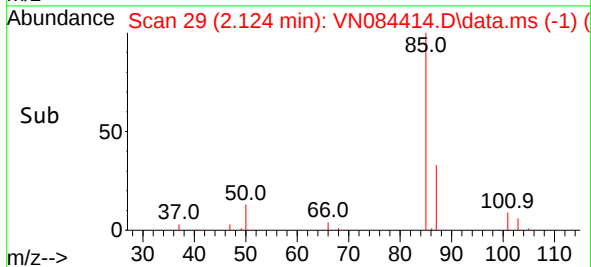
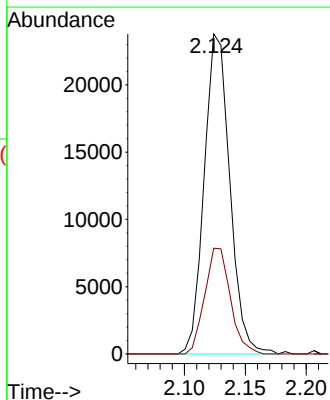
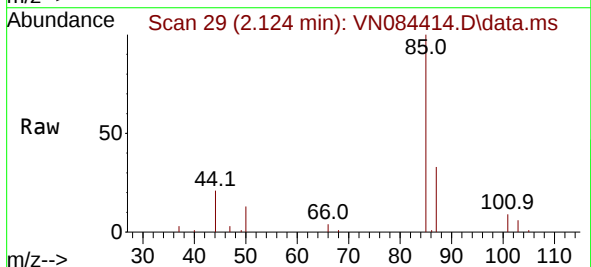
Manual Integrations
APPROVED

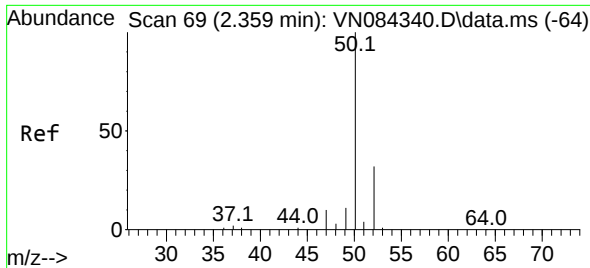
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#2
Dichlorodifluoromethane
Concen: 19.941 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Tgt Ion: 85 Resp: 34764
Ion Ratio Lower Upper
85 100
87 33.1 15.4 46.4





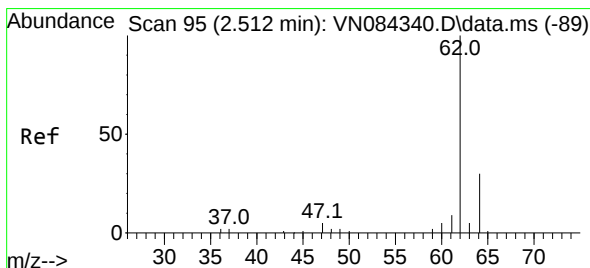
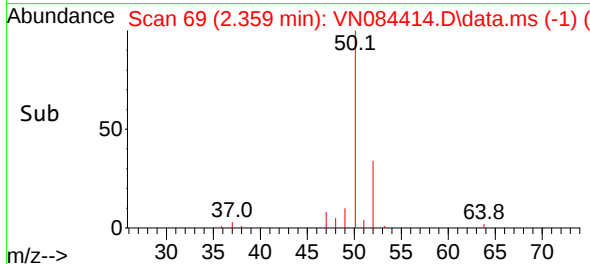
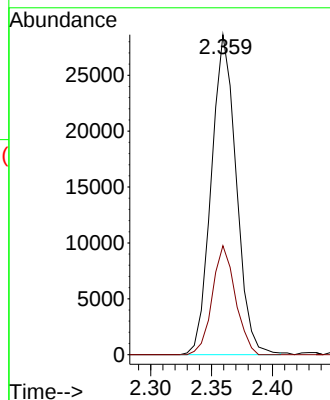
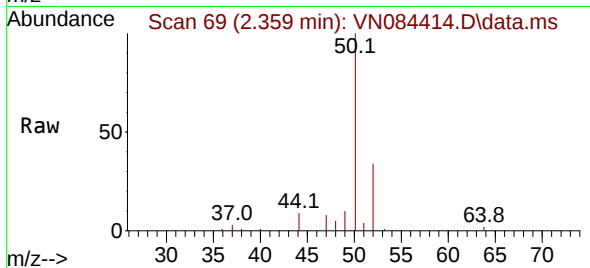
#3
Chloromethane
Concen: 20.589 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Instrument :
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Tgt Ion: 50 Resp: 4084
Ion Ratio Lower Upper
50 100
52 34.0 25.8 38.6

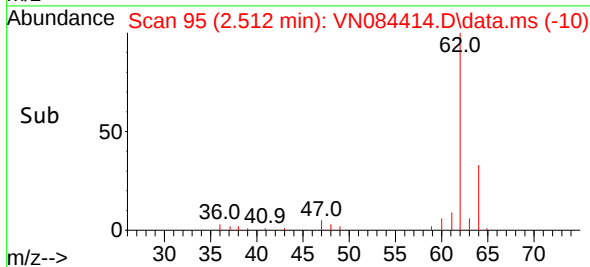
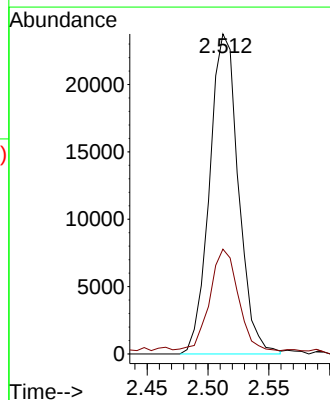
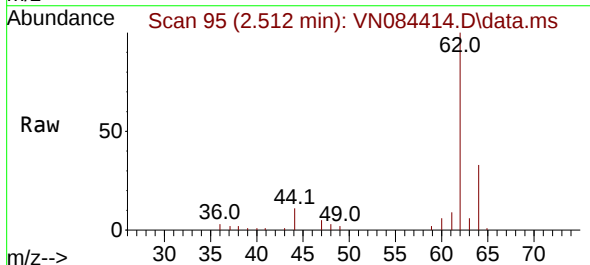
Manual Integrations
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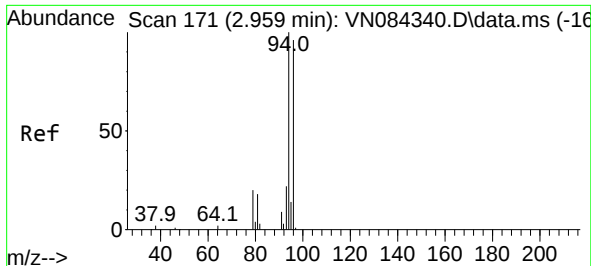
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#4
Vinyl Chloride
Concen: 20.198 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

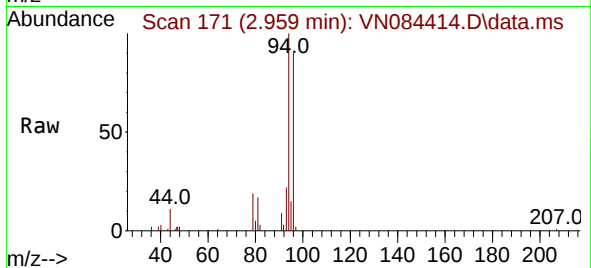
Tgt Ion: 62 Resp: 39295
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5





#5
Bromomethane
Concen: 20.042 ug/l
RT: 2.959 min Scan# 171
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

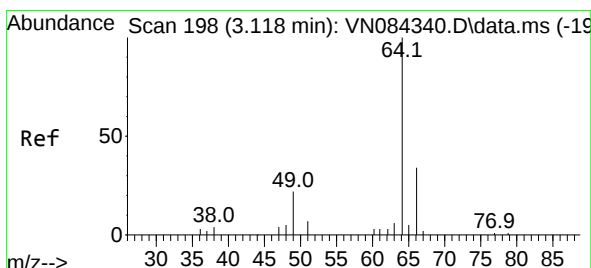
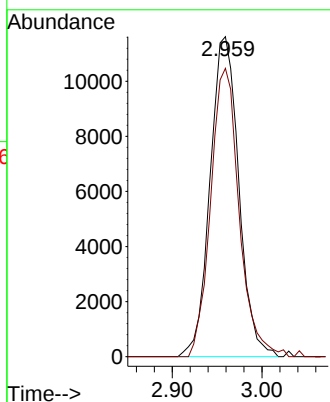
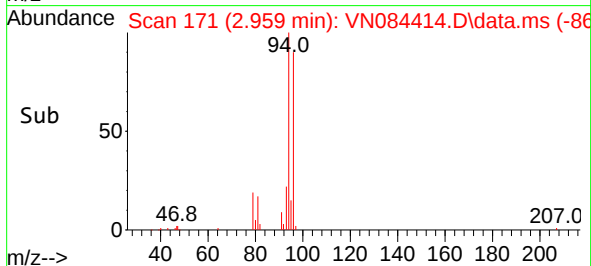
Instrument :
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ClientSampleId :
VN1015WBSD01



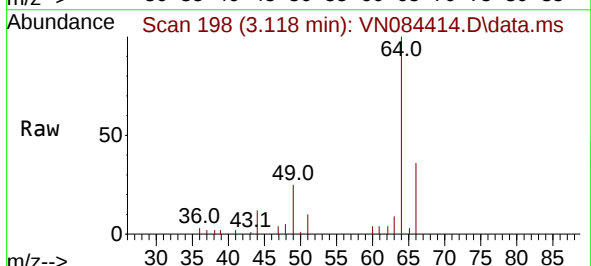
Tgt Ion: 94 Resp: 2583
Ion Ratio Lower Upper
94 100
96 90.1 76.7 115.1

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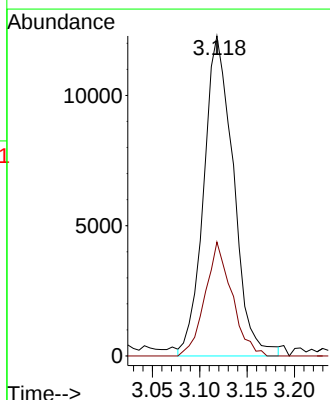
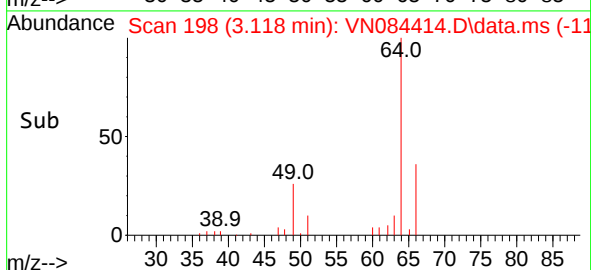
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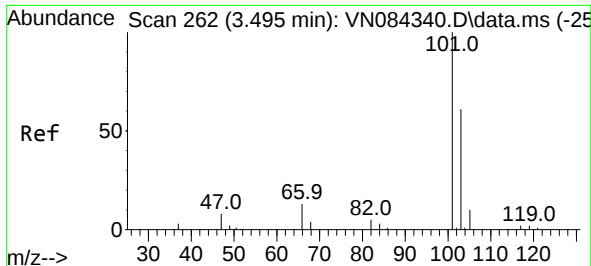


#6
Chloroethane
Concen: 21.030 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15



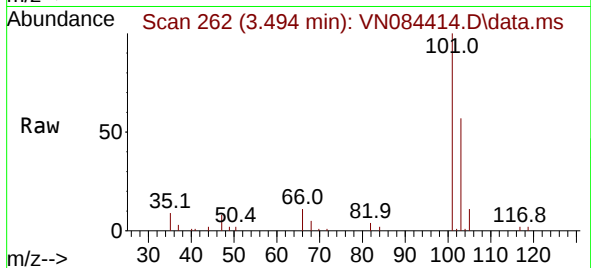
Tgt Ion: 64 Resp: 26822
Ion Ratio Lower Upper
64 100
66 36.4 27.7 41.5





#7
Trichlorofluoromethane
Concen: 20.888 ug/l
RT: 3.494 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

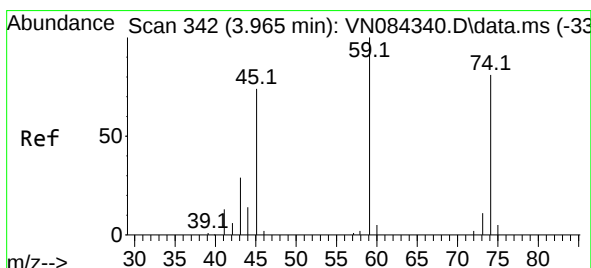
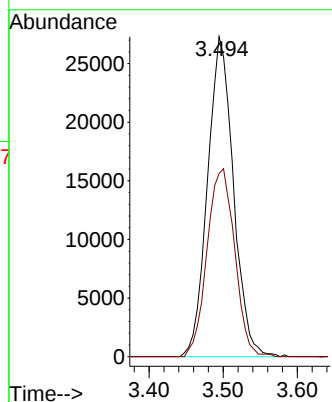
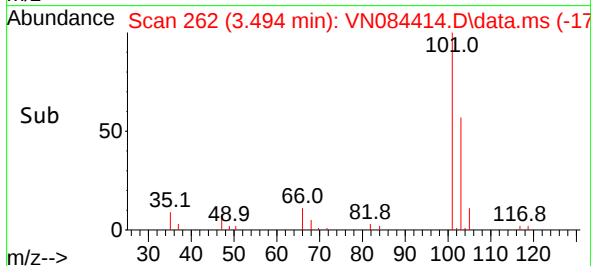
Instrument :
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ClientSampleId :
VN1015WBSD01



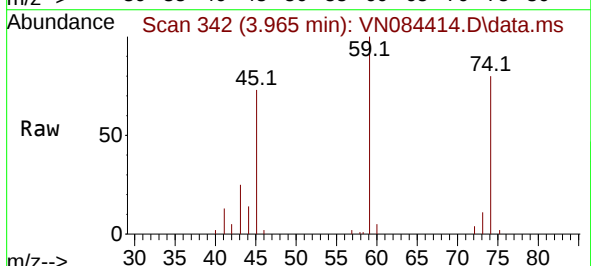
Tgt Ion:101 Resp: 6619
Ion Ratio Lower Upper
101 100
103 57.3 49.0 73.6

Manual Integrations
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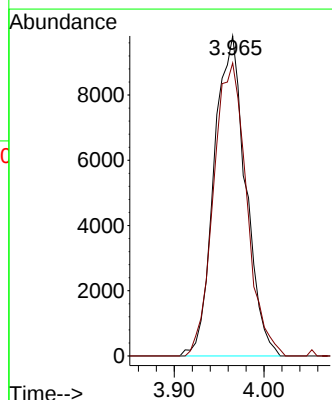
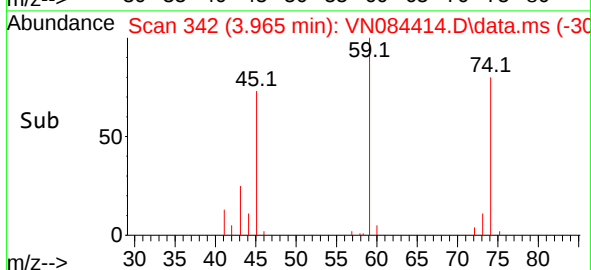
Reviewed By :John Carlone 10/16/2024
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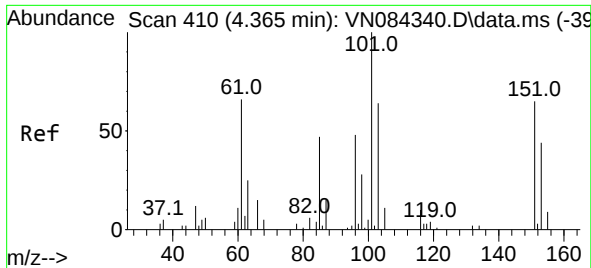


#8
Diethyl Ether
Concen: 20.580 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15



Tgt Ion: 74 Resp: 23978
Ion Ratio Lower Upper
74 100
45 95.7 19.2 173.2





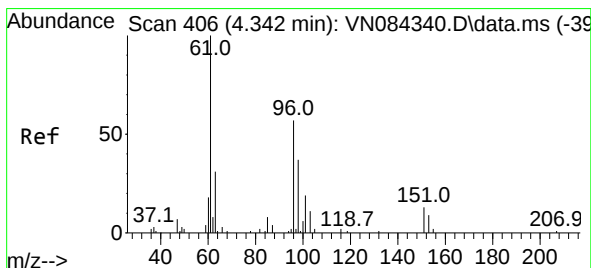
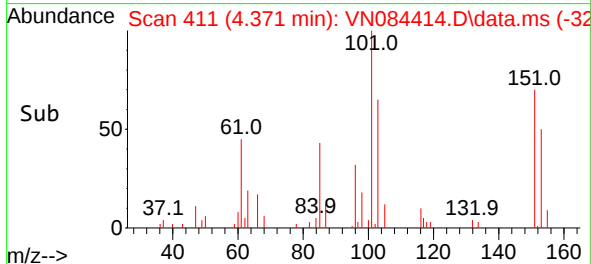
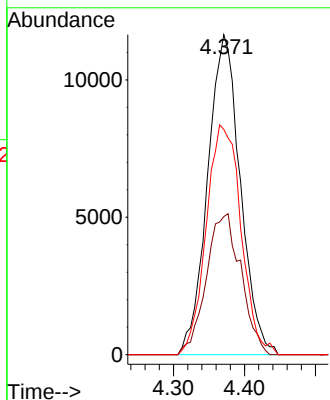
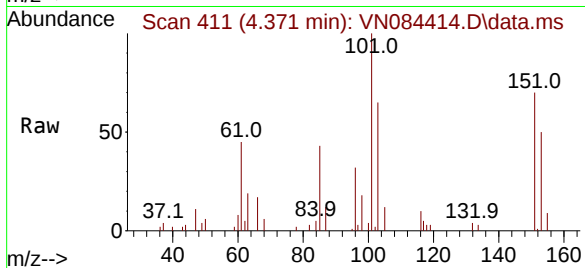
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1,1,2-Trichlorotrifluoroethane
Concen: 20.853 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tgt Ion:101 Resp: 3715
Ion Ratio Lower Upper
101 100
85 46.8 0.0 93.6
151 75.9 0.0 151.8

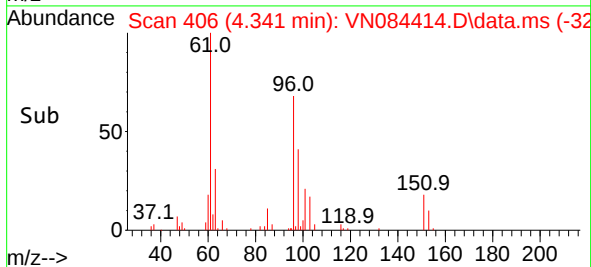
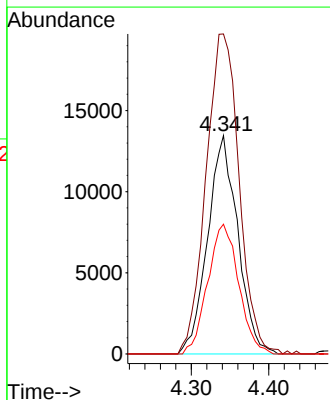
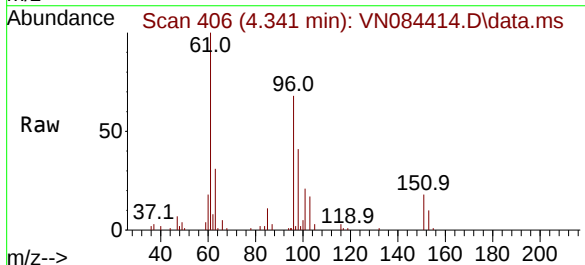
Manual Integrations
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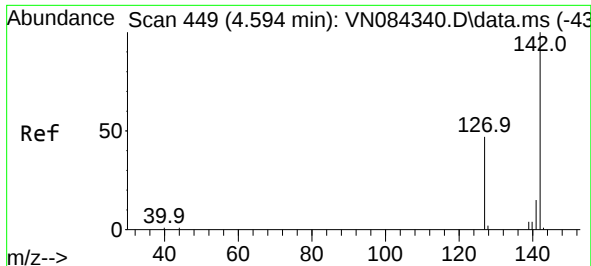
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#10
1,1-Dichloroethene
Concen: 20.446 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

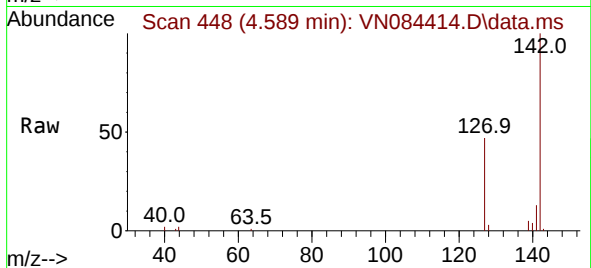
Tgt Ion: 96 Resp: 36351
Ion Ratio Lower Upper
96 100
61 146.6 140.8 211.2
98 59.5 52.2 78.2





#11
Methyl Iodide
Concen: 20.047 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

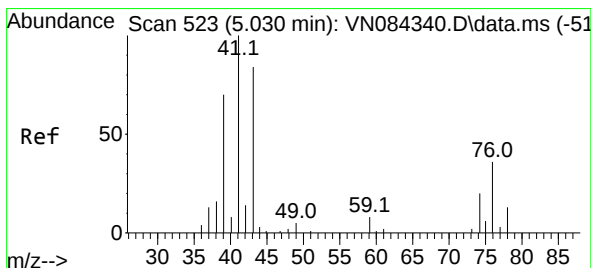
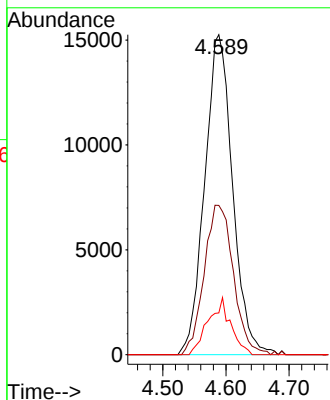
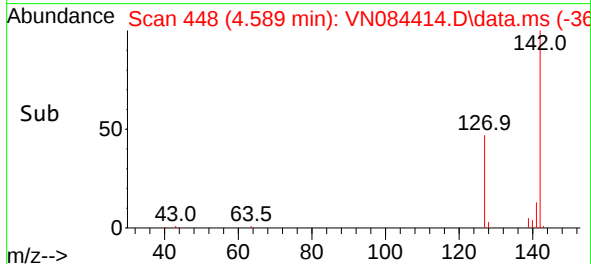
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01



Tgt Ion:142 Resp: 46840
Ion Ratio Lower Upper
142 100
127 46.7 23.8 71.4
141 13.1 7.4 22.2

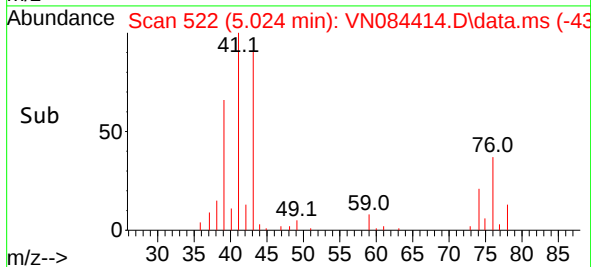
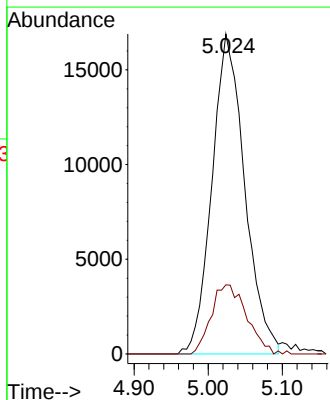
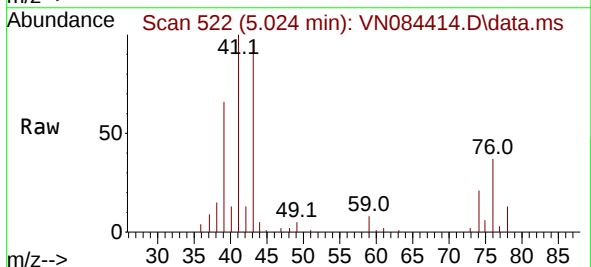
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#12
Methyl Acetate
Concen: 23.295 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

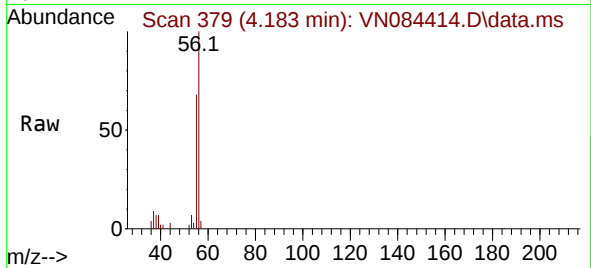
Tgt Ion: 43 Resp: 51849
Ion Ratio Lower Upper
43 100
74 21.4 19.4 29.2





#13
Acrolein
Concen: 122.638 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

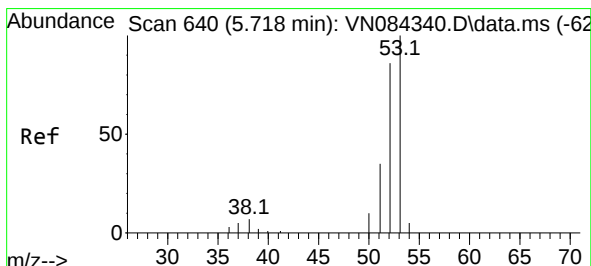
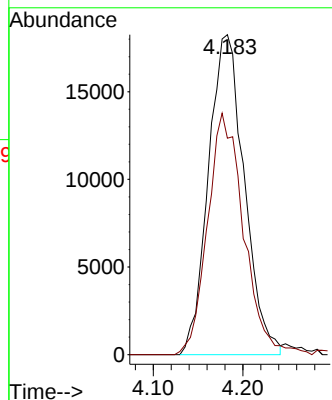
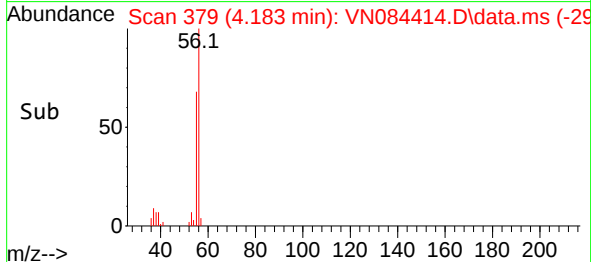
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01



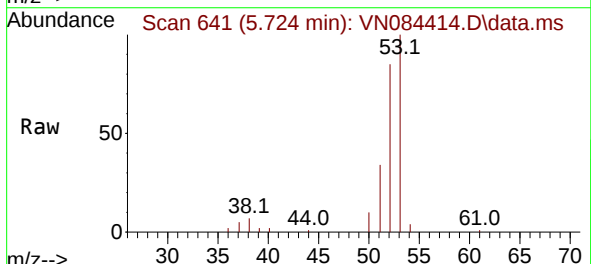
Tgt Ion: 56 Resp: 5070
Ion Ratio Lower Upper
56 100
55 75.8 56.4 84.6

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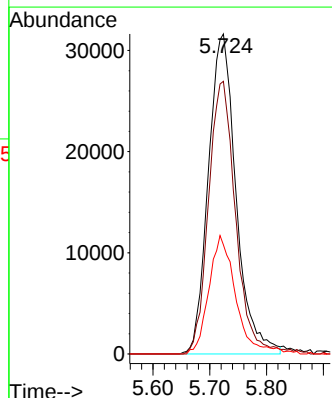
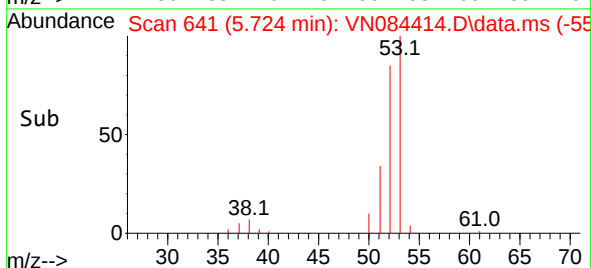
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

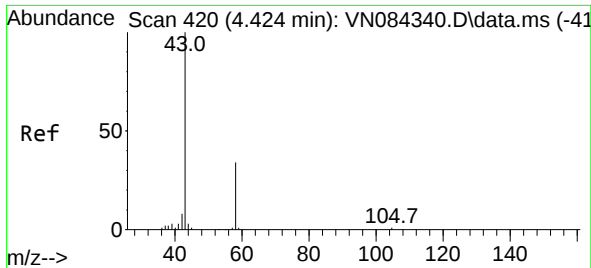


#14
Acrylonitrile
Concen: 107.005 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15



Tgt Ion: 53 Resp: 107002
Ion Ratio Lower Upper
53 100
52 82.2 40.4 121.2
51 34.7 17.8 53.4





#15

Acetone

Concen: 129.310 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN084414.D

Acq: 15 Oct 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

Tgt Ion: 58 Resp: 36938

Ion Ratio Lower Upper

58 100

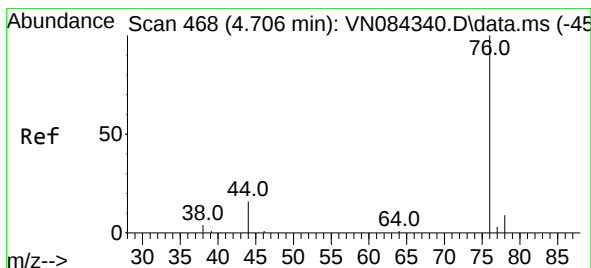
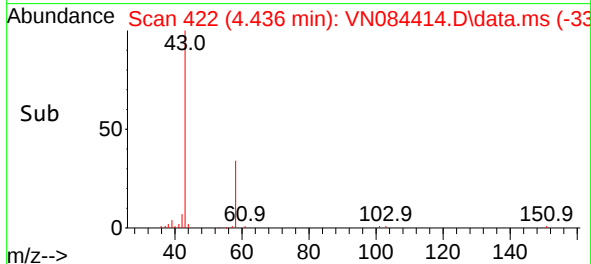
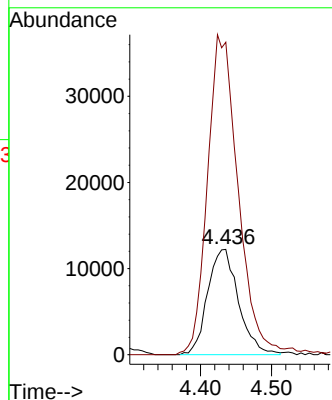
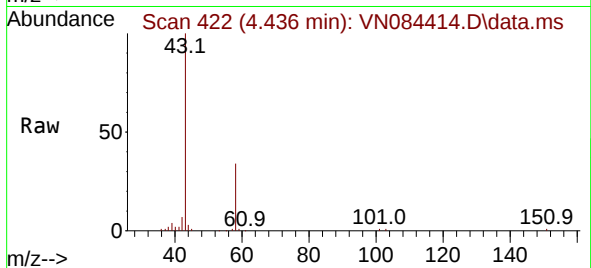
43 294.4 237.5 356.3

Manual Integrations

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Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#16

Carbon Disulfide

Concen: 18.969 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN084414.D

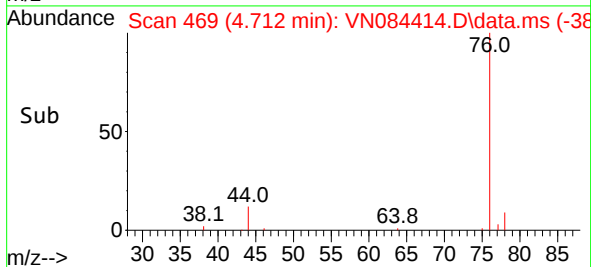
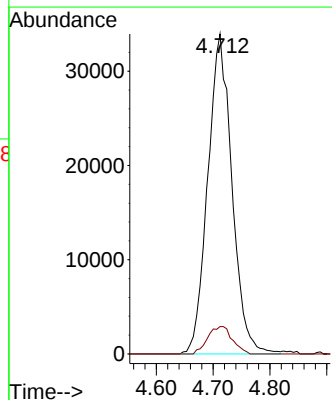
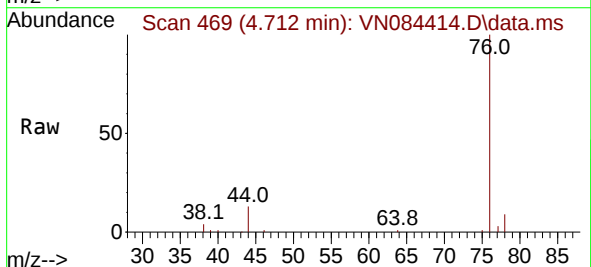
Acq: 15 Oct 2024 14:15

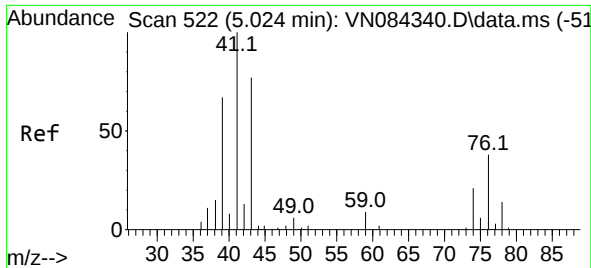
Tgt Ion: 76 Resp: 100428

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7





#17
 Allyl chloride
 Concen: 19.117 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN084414.D
 Acq: 15 Oct 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

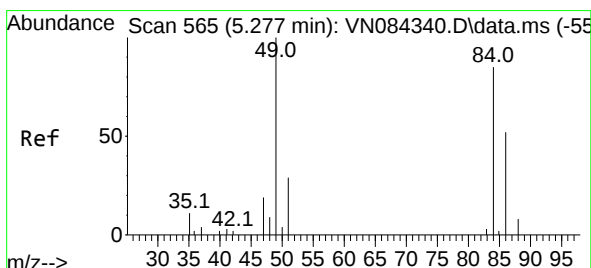
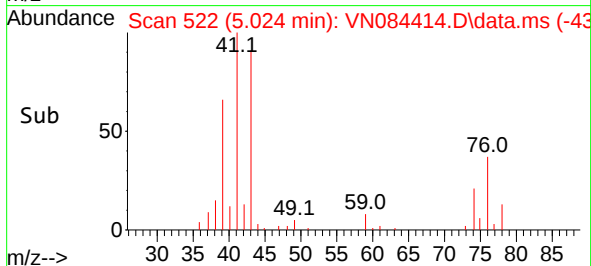
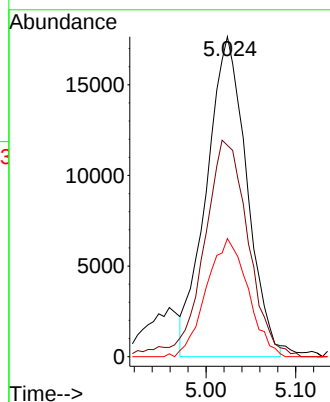
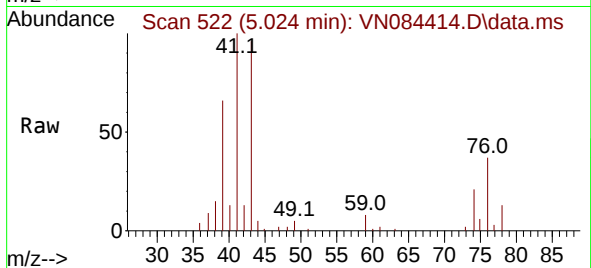
Tgt Ion: 41 Resp: 55090
 Ion Ratio Lower Upper
 41 100
 39 65.5 31.4 94.3
 76 37.3 17.8 53.5

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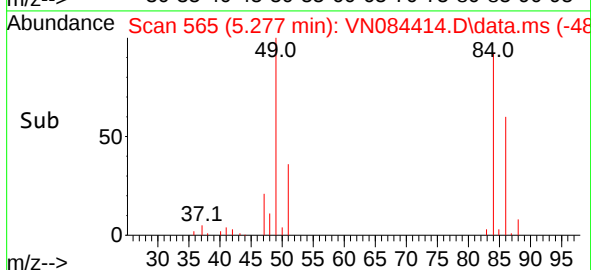
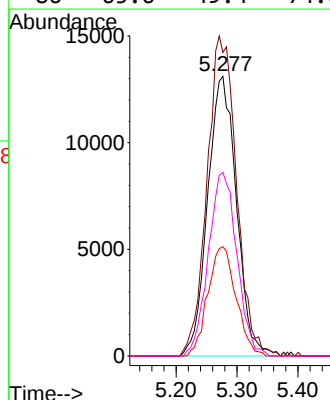
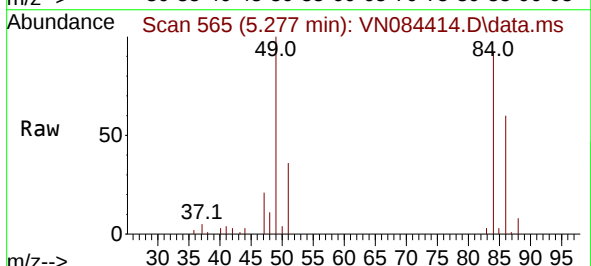
Reviewed By :John Carlone 10/16/2024

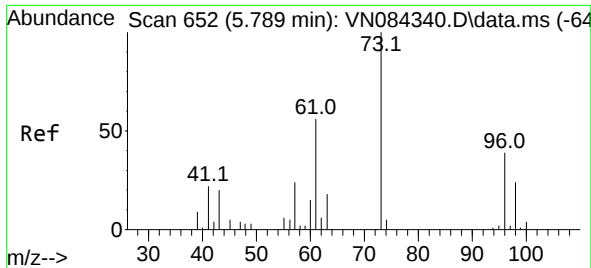
Supervised By :Mahesh Dadoda 10/16/2024



#18
 Methylene Chloride
 Concen: 21.517 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN084414.D
 Acq: 15 Oct 2024 14:15

Tgt Ion: 84 Resp: 43095
 Ion Ratio Lower Upper
 84 100
 49 108.6 94.6 142.0
 51 39.1 27.3 40.9
 86 65.6 49.4 74.0





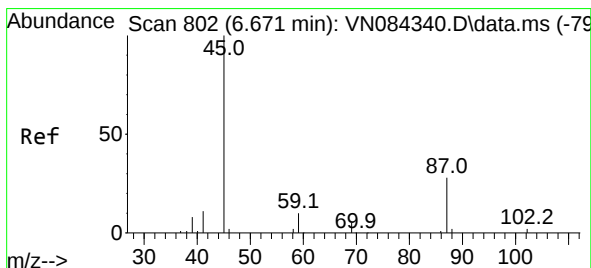
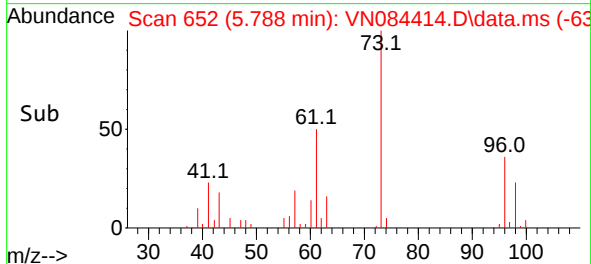
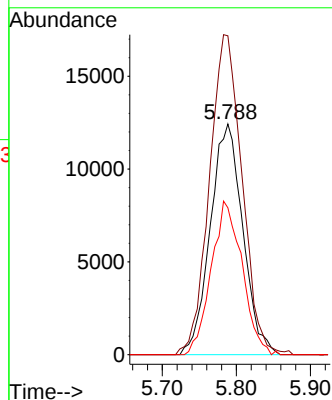
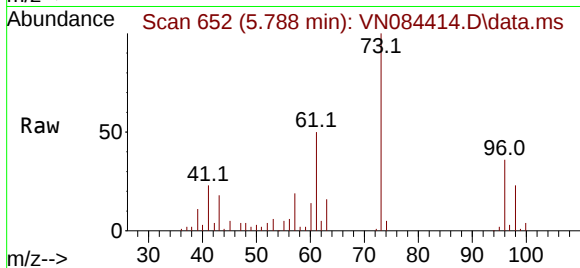
#19
trans-1,2-Dichloroethene
Concen: 20.147 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tgt Ion: 96 Resp: 37910
Ion Ratio Lower Upper
96 100
61 136.7 115.8 173.6
98 63.6 49.4 74.0

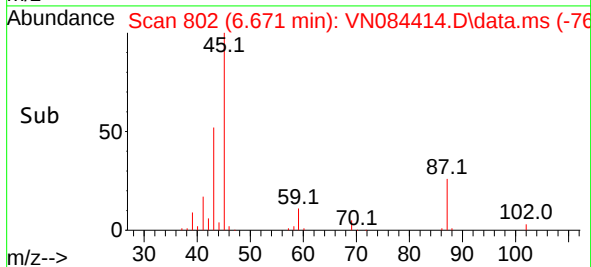
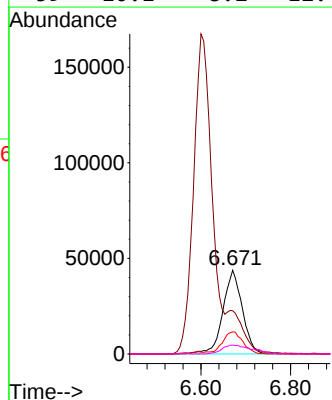
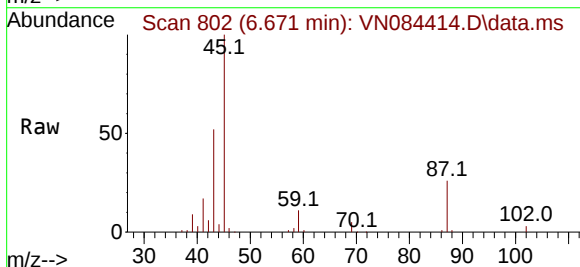
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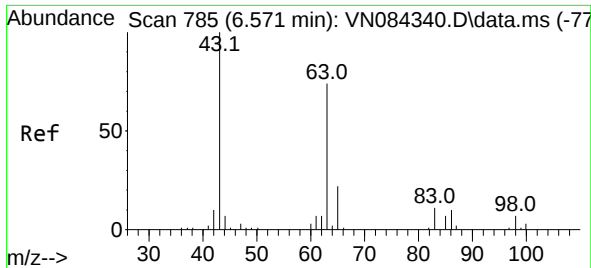
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#20
Diisopropyl ether
Concen: 21.256 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Tgt Ion: 45 Resp: 131717
Ion Ratio Lower Upper
45 100
43 50.5 43.7 65.5
87 26.4 23.1 34.7
59 10.1 8.2 12.4





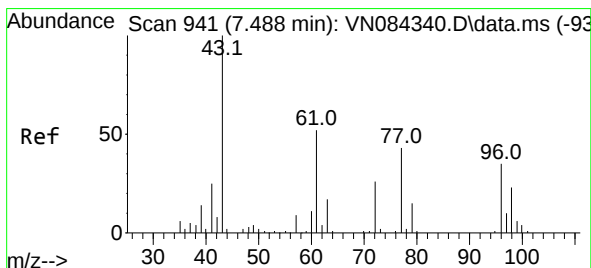
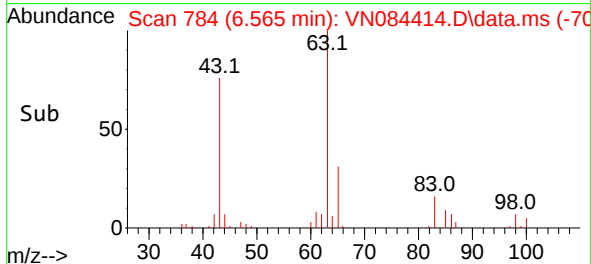
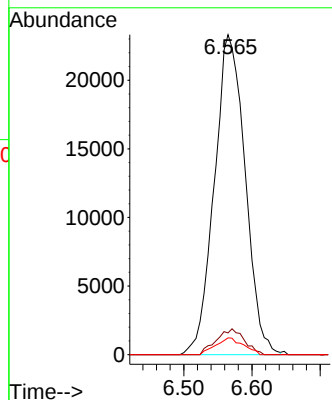
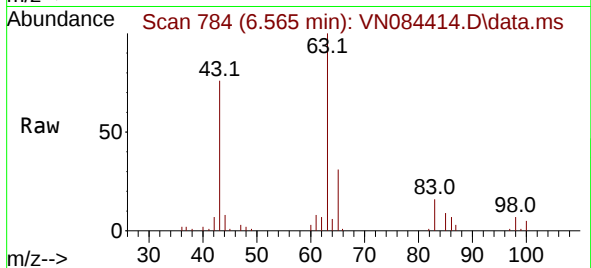
#21
1,1-Dichloroethane
Concen: 20.600 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tgt Ion: 63 Resp: 7324
Ion Ratio Lower Upper
63 100
98 6.8 4.5 13.4
100 5.3 2.1 6.3

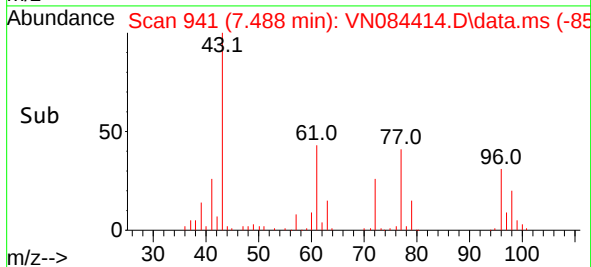
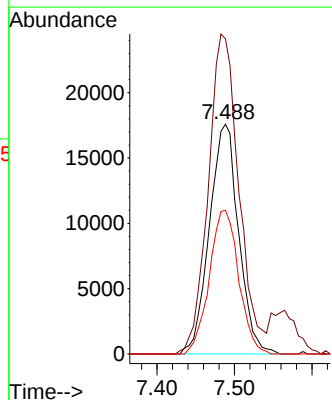
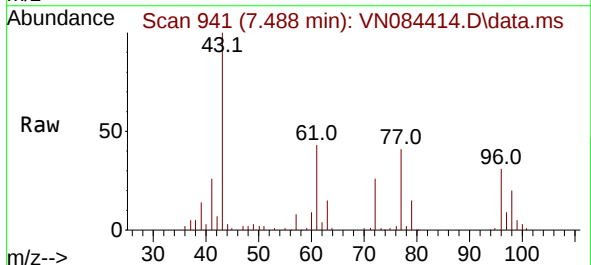
Manual Integrations
APPROVED

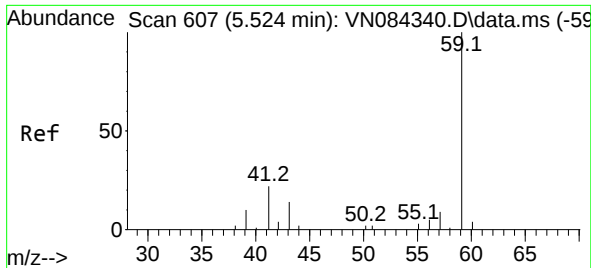
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#22
cis-1,2-Dichloroethene
Concen: 21.084 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

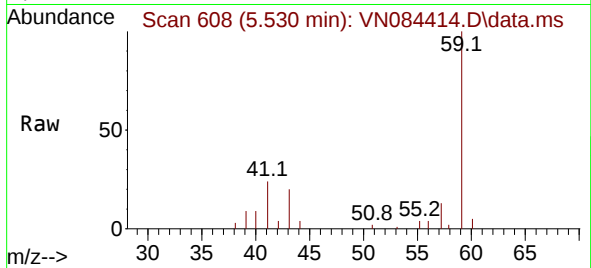
Tgt Ion: 96 Resp: 46165
Ion Ratio Lower Upper
96 100
61 145.9 118.0 177.0
98 62.8 51.8 77.8





#23
tert-Butyl Alcohol
Concen: 106.714 ug/l m
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

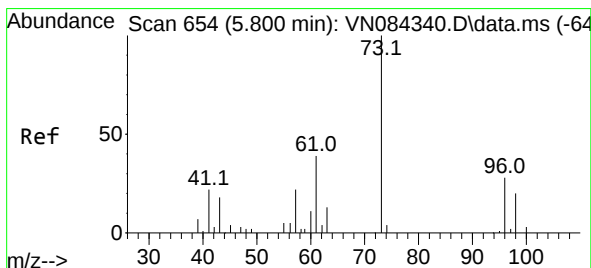
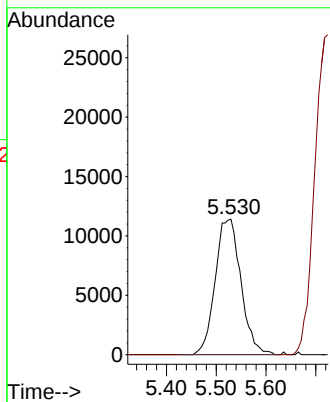
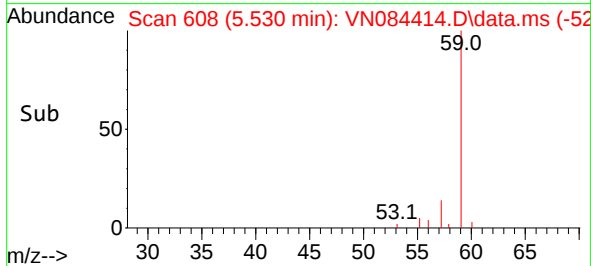
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01



Tgt Ion: 59 Resp: 40932
Ion Ratio Lower Upper
59 100
52 215.0 0.0 0.0

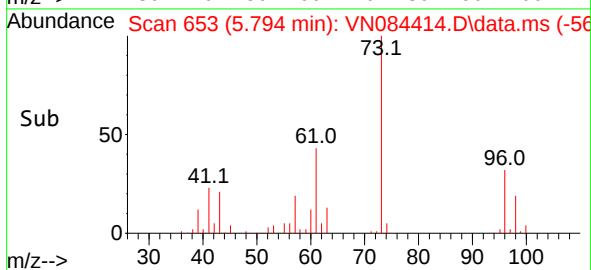
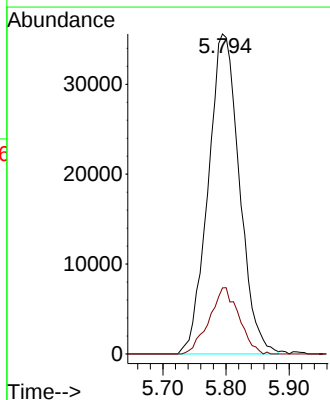
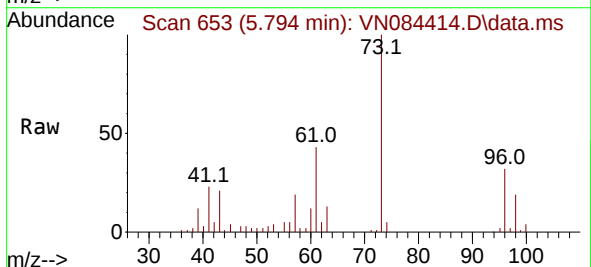
Manual Integrations
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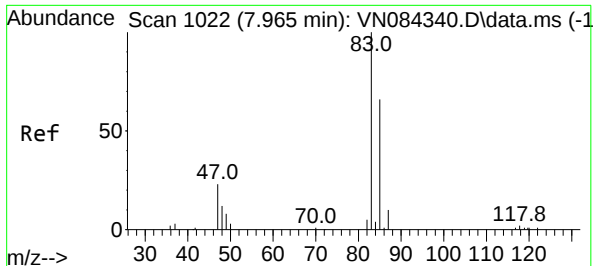
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#24
Methyl tert-Butyl Ether
Concen: 20.620 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Tgt Ion: 73 Resp: 122514
Ion Ratio Lower Upper
73 100
43 19.6 10.9 16.3





#25

Chloroform

Concen: 21.466 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN084414.D

Acq: 15 Oct 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

Tgt Ion: 83 Resp: 7730

Ion Ratio Lower Upper

83 100

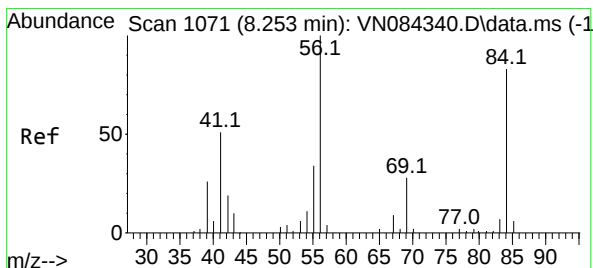
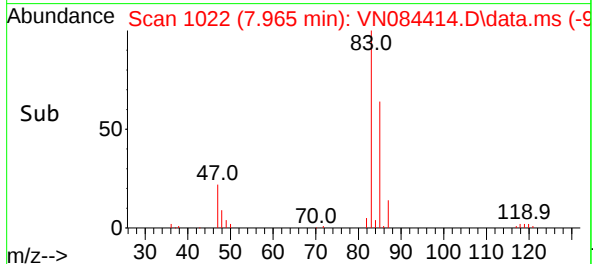
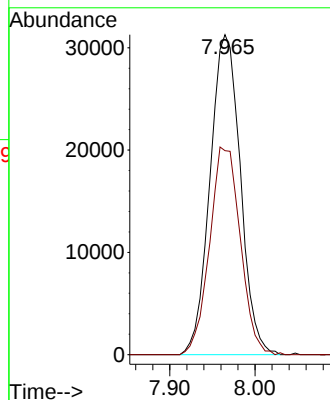
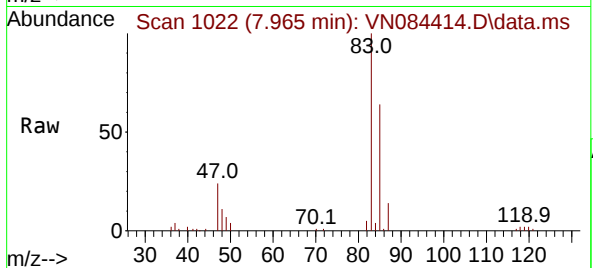
85 63.8 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#26

Cyclohexane

Concen: 18.649 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN084414.D

Acq: 15 Oct 2024 14:15

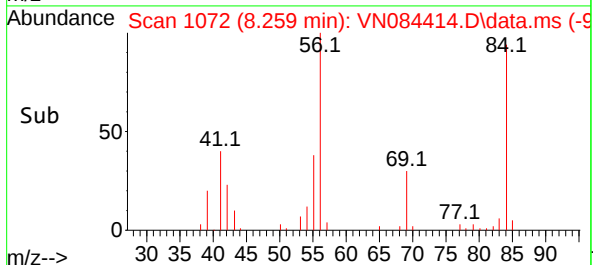
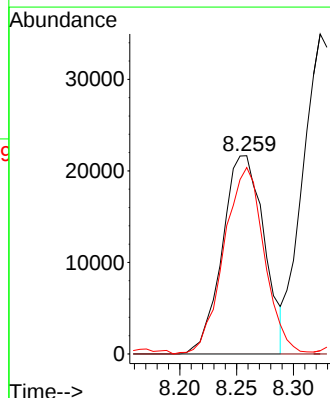
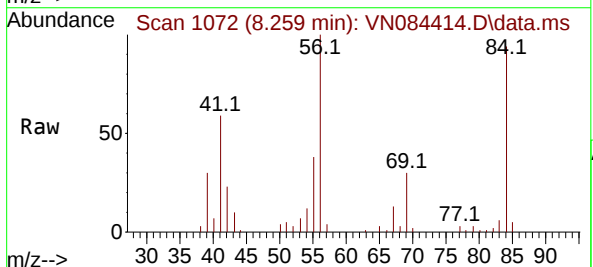
Tgt Ion: 56 Resp: 55458

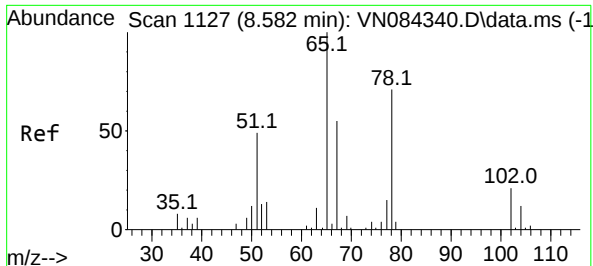
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 90.8 67.0 100.6





#27
1,2-Dichloroethane-d4
Concen: 30.279 ug/l
RT: 8.576 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

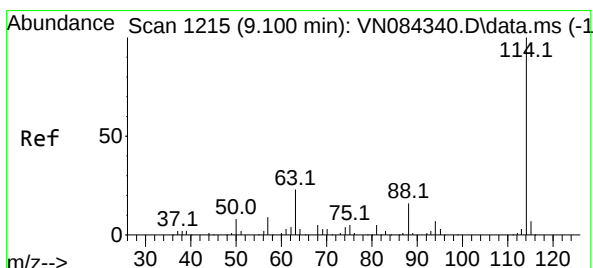
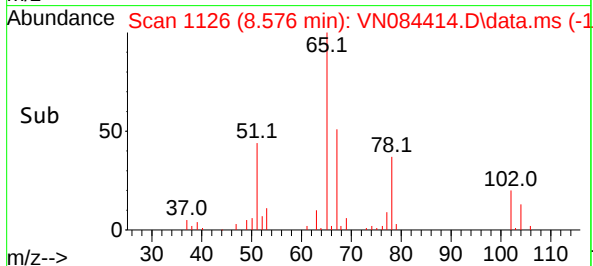
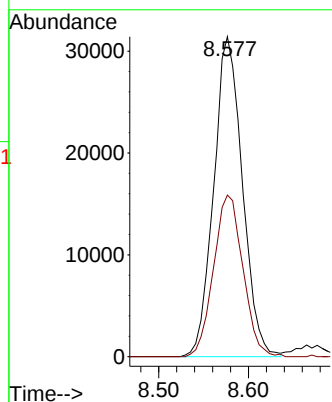
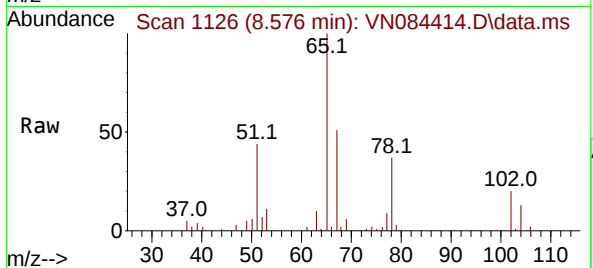
Tgt Ion: 65 Resp: 6960
Ion Ratio Lower Upper
65 100
67 51.6 41.5 62.3

Manual Integrations

APPROVED

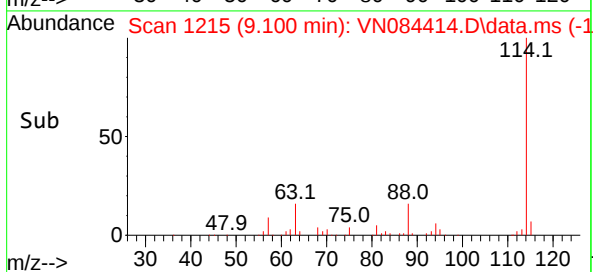
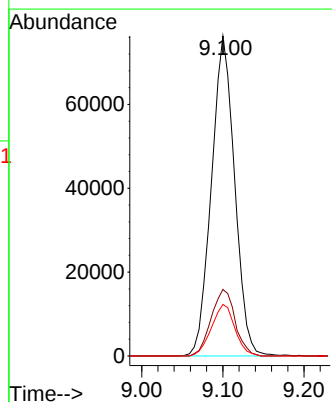
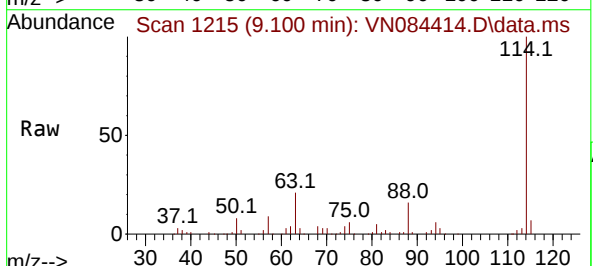
Reviewed By :John Carlone 10/16/2024

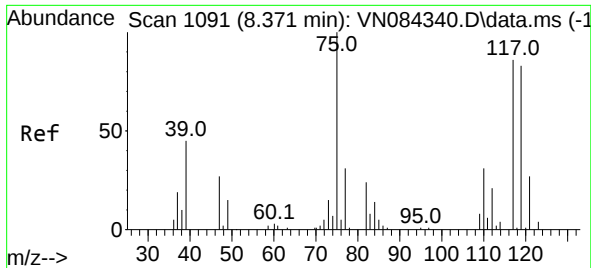
Supervised By :Mahesh Dadoda 10/16/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Tgt Ion:114 Resp: 151560
Ion Ratio Lower Upper
114 100
63 21.4 17.4 26.0
88 16.2 13.2 19.8





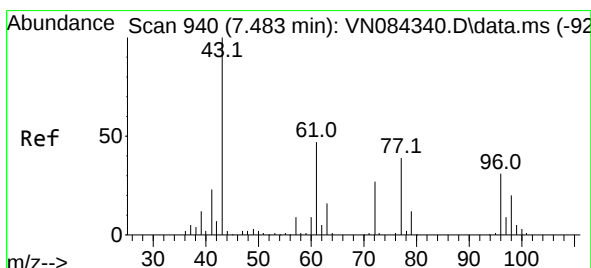
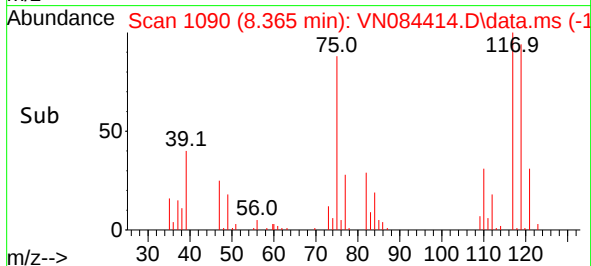
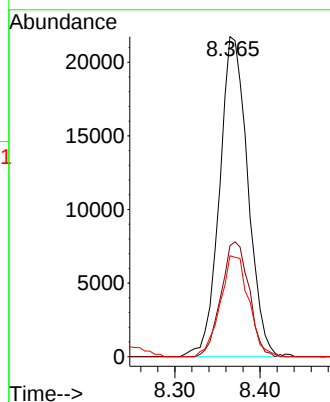
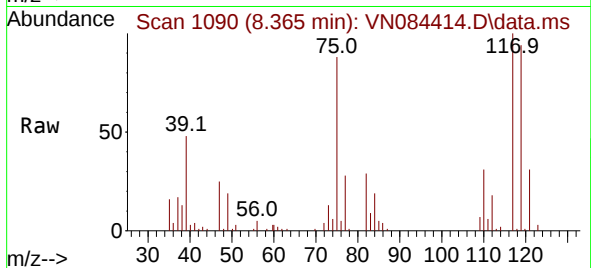
#29
1,1-Dichloropropene
Concen: 20.118 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tgt Ion: 75	Resp: 50054
Ion Ratio	Lower Upper
75 100	
110 35.4	0.0 67.6
77 31.8	0.0 61.4

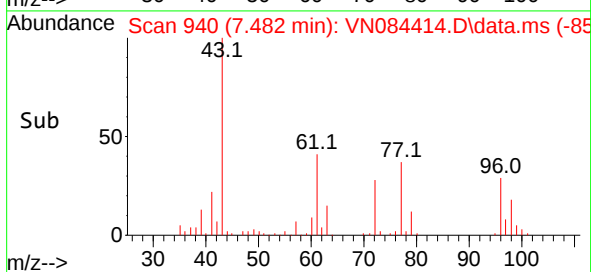
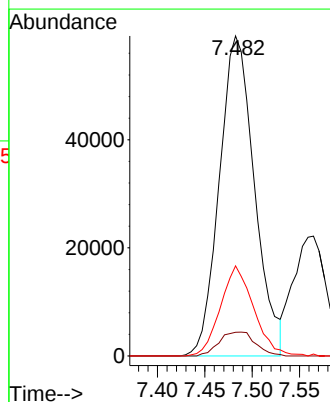
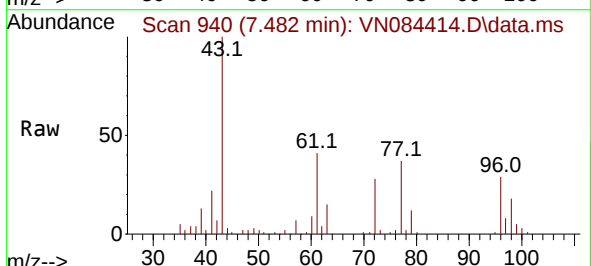
Manual Integrations
APPROVED

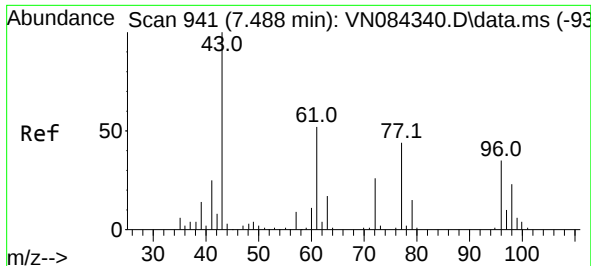
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#30
2-Butanone
Concen: 115.551 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Tgt Ion: 43	Resp: 153065
Ion Ratio	Lower Upper
43 100	
57 7.7	6.6 9.8
72 26.6	21.3 31.9





#31

2,2-Dichloropropane

Concen: 22.276 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN084414.D

Acq: 15 Oct 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

Tgt Ion: 77 Resp: 65128

Ion Ratio Lower Upper

77 100

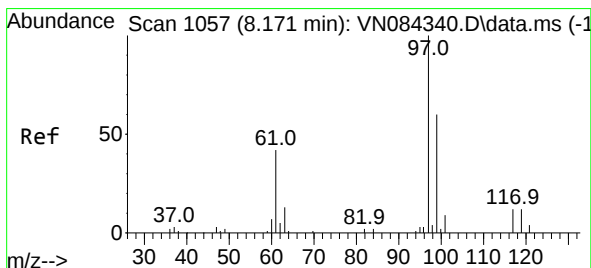
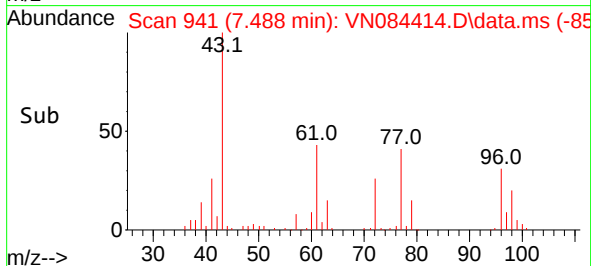
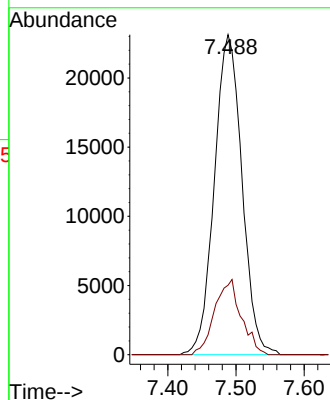
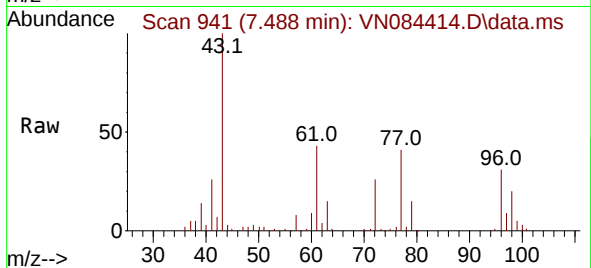
97 22.7 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#32

1,1,1-Trichloroethane

Concen: 21.803 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN084414.D

Acq: 15 Oct 2024 14:15

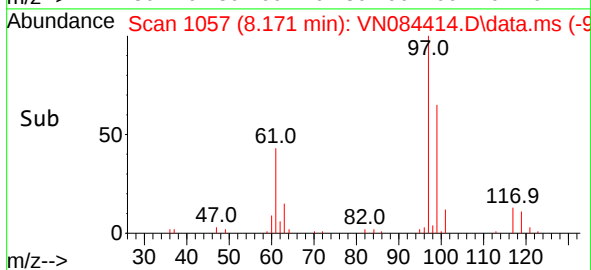
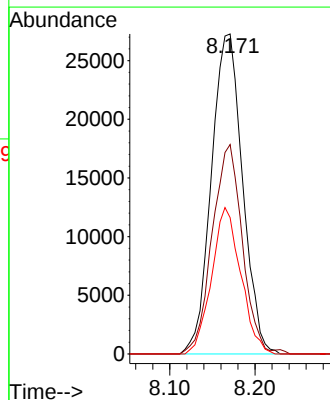
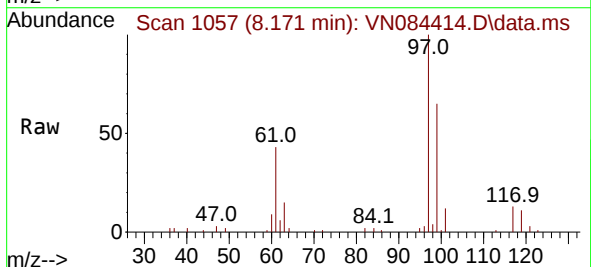
Tgt Ion: 97 Resp: 69335

Ion Ratio Lower Upper

97 100

99 63.0 51.2 76.8

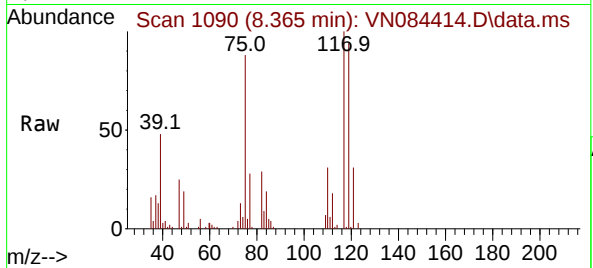
61 42.8 34.1 51.1





#33
Carbon Tetrachloride
Concen: 21.347 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

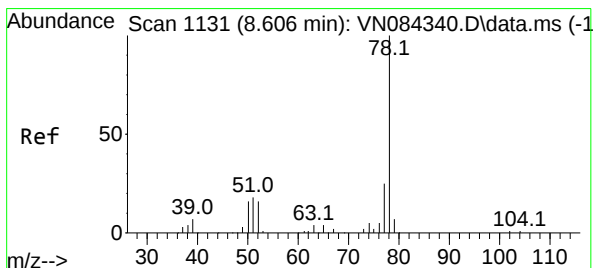
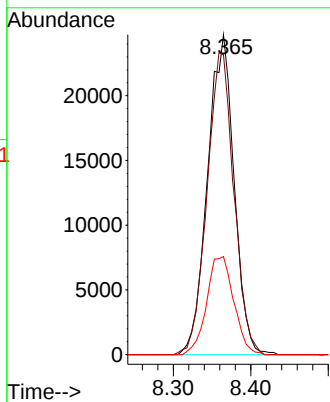
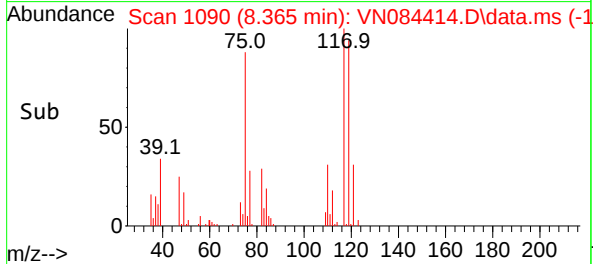
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01



Tgt Ion: 117 Resp: 5881
Ion Ratio Lower Upper
117 100
119 93.8 74.3 111.5
121 30.7 22.4 33.6

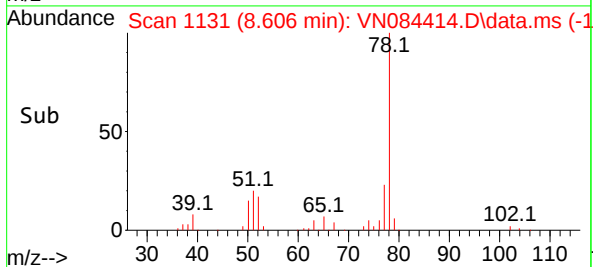
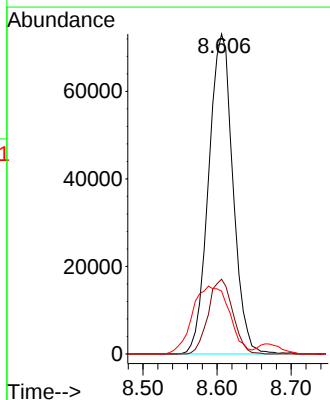
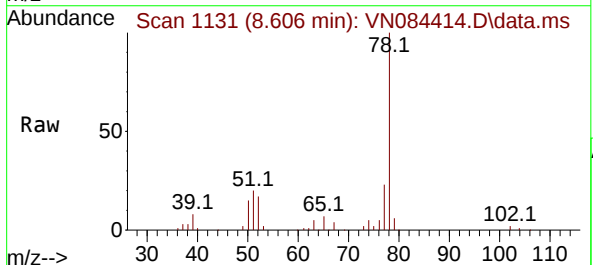
Manual Integrations
APPROVED

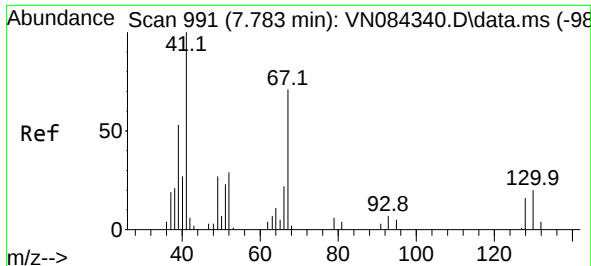
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#34
Benzene
Concen: 21.395 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Tgt Ion: 78 Resp: 166629
Ion Ratio Lower Upper
78 100
77 23.4 19.6 29.4
51 17.3 15.8 23.6





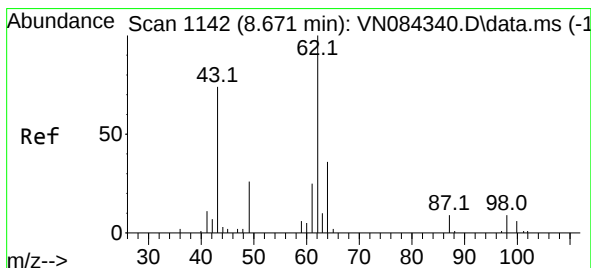
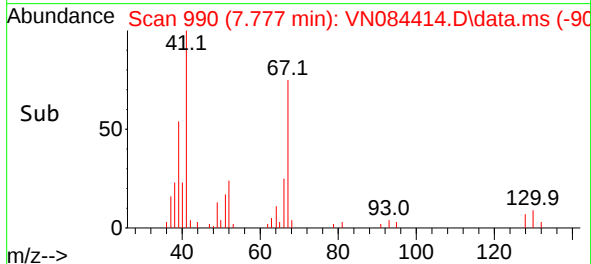
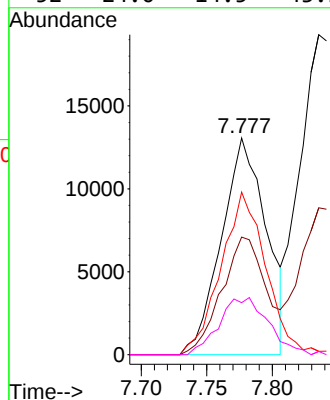
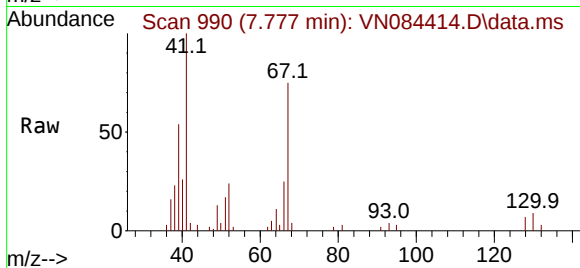
#35
Methacrylonitrile
Concen: 21.963 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tgt Ion: 41 Resp: 31038
Ion Ratio Lower Upper
41 100
39 54.3 26.4 79.0
67 75.0 35.7 107.1
52 24.0 14.5 43.5

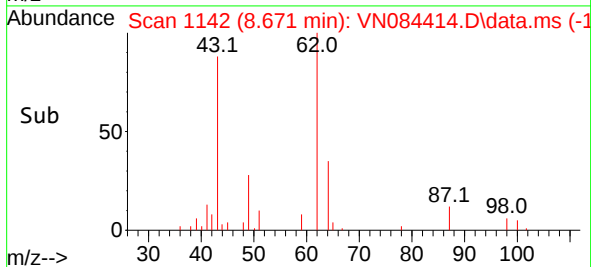
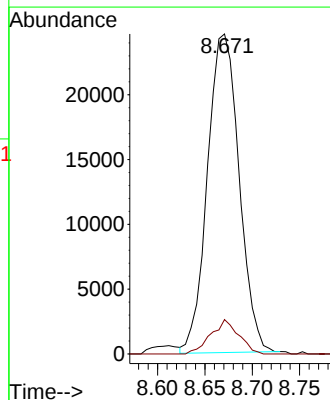
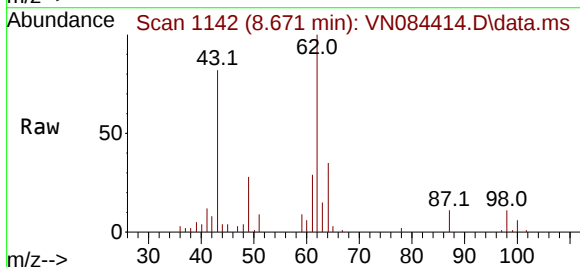
Manual Integrations
APPROVED

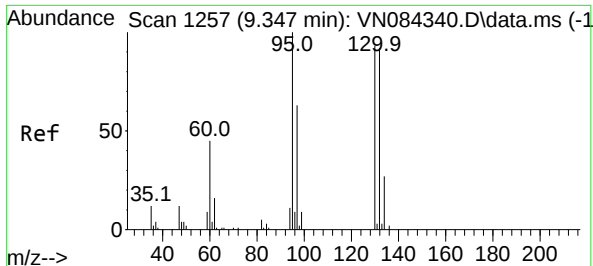
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#36
1,2-Dichloroethane
Concen: 22.016 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Tgt Ion: 62 Resp: 57152
Ion Ratio Lower Upper
62 100
98 9.5 7.3 10.9





#37

Trichloroethene

Concen: 21.503 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084414.D

Acq: 15 Oct 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

Tgt Ion:130 Resp: 3856

Ion Ratio Lower Upper

130 100

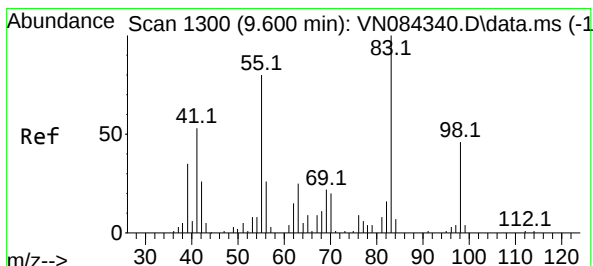
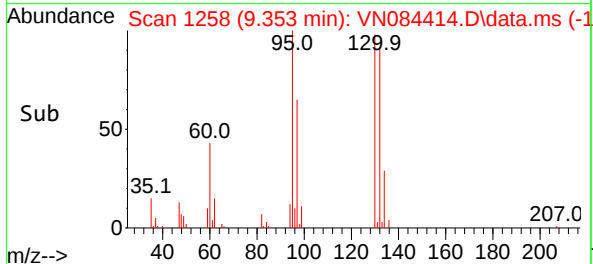
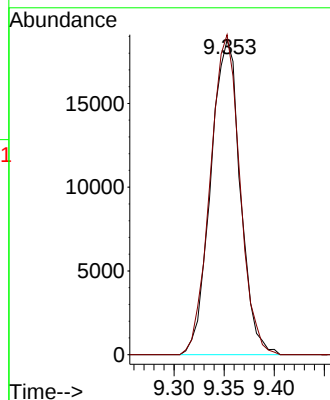
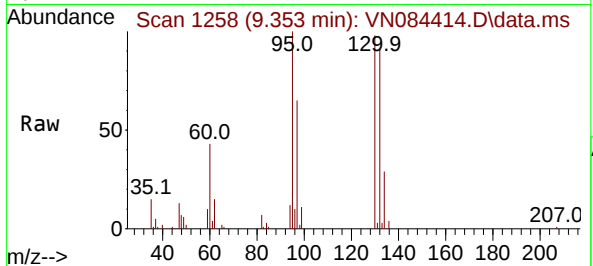
95 101.7 85.8 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#38

Methylcyclohexane

Concen: 19.509 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN084414.D

Acq: 15 Oct 2024 14:15

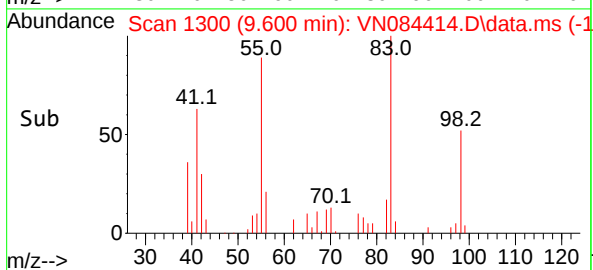
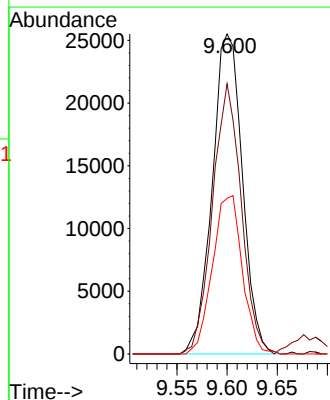
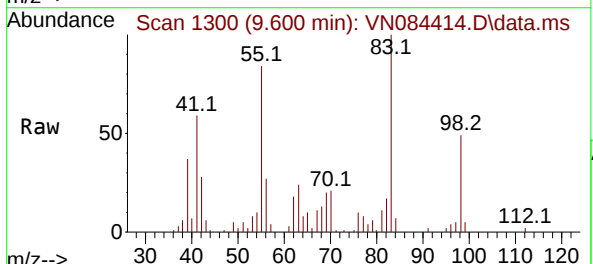
Tgt Ion: 83 Resp: 53315

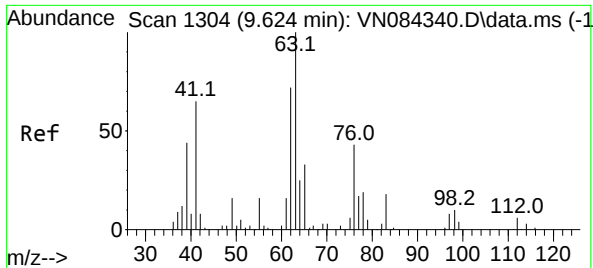
Ion Ratio Lower Upper

83 100

55 80.4 39.3 117.8

98 49.0 24.0 72.0





#39
1,2-Dichloropropane
Concen: 21.609 ug/l
RT: 9.618 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

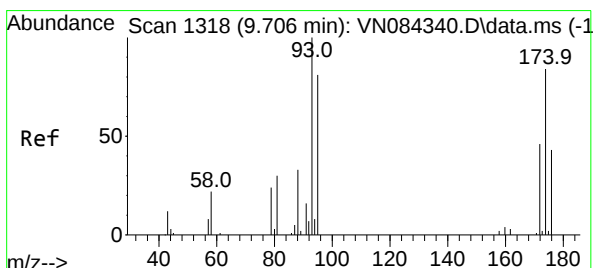
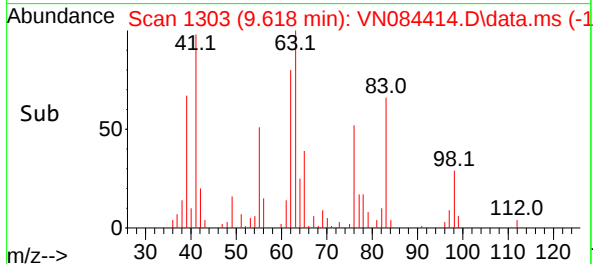
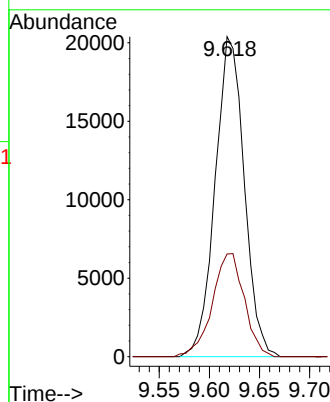
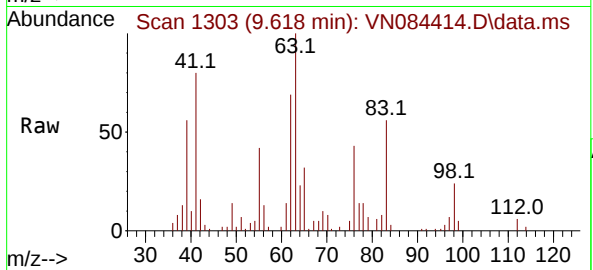
Tgt Ion: 63 Resp: 41040
Ion Ratio Lower Upper
63 100
65 32.1 26.3 39.5

Manual Integrations

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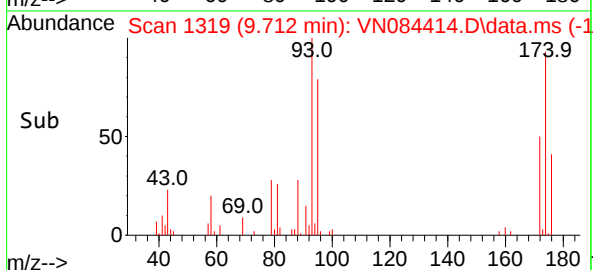
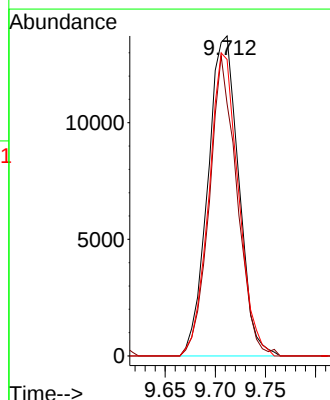
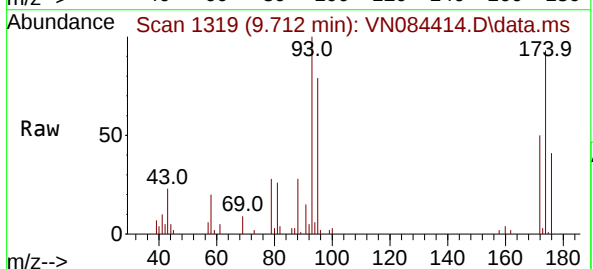
Reviewed By :John Carlone 10/16/2024

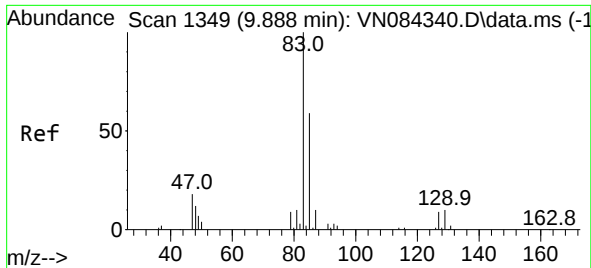
Supervised By :Mahesh Dadoda 10/16/2024



#40
Dibromomethane
Concen: 22.146 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Tgt Ion: 93 Resp: 29396
Ion Ratio Lower Upper
93 100
95 83.6 0.0 171.4
174 90.8 0.0 183.0





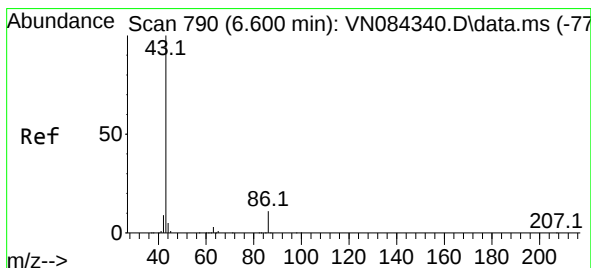
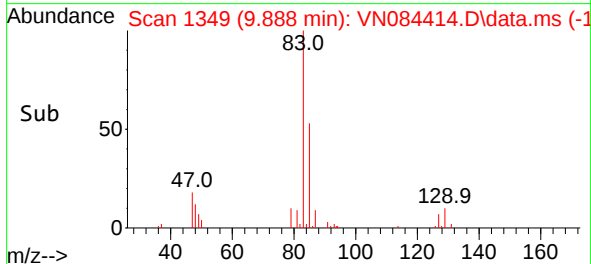
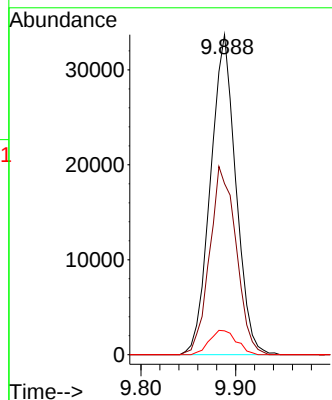
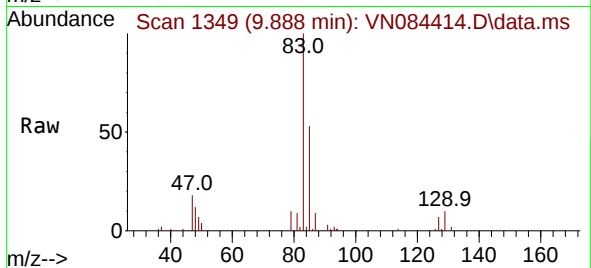
#41
Bromodichloromethane
Concen: 22.261 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tgt Ion: 83 Resp: 6272
Ion Ratio Lower Upper
83 100
85 53.5 47.1 70.7
127 7.4 7.1 10.7

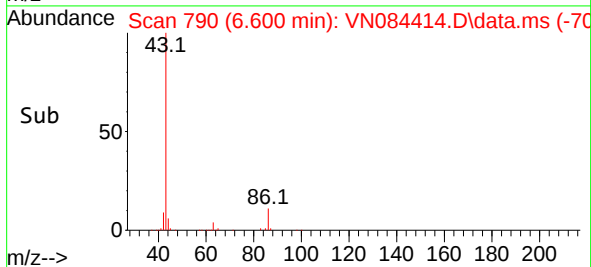
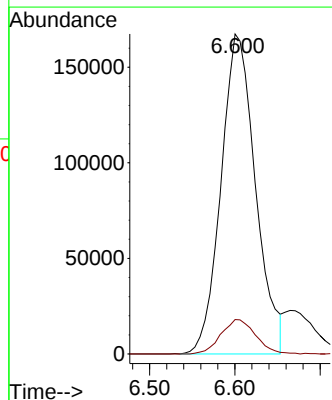
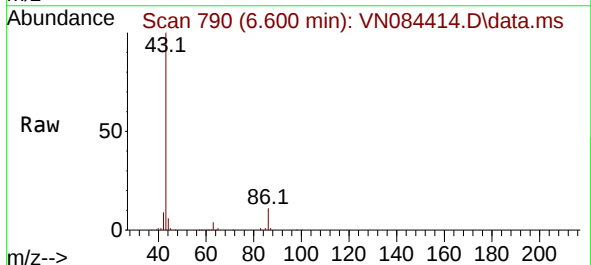
Manual Integrations
APPROVED

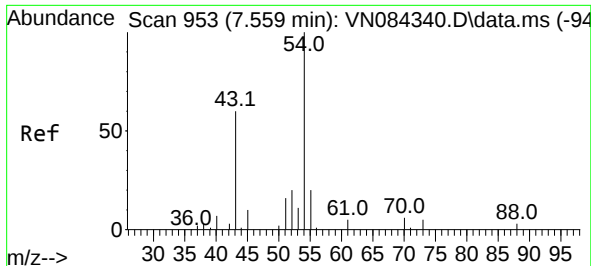
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#42
Vinyl Acetate
Concen: 102.355 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

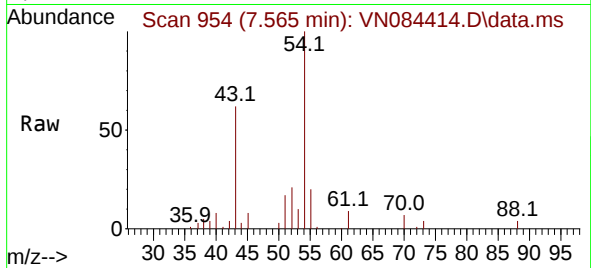
Tgt Ion: 43 Resp: 471552
Ion Ratio Lower Upper
43 100
86 10.8 8.5 12.7





#43
Ethyl Acetate
Concen: 21.477 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

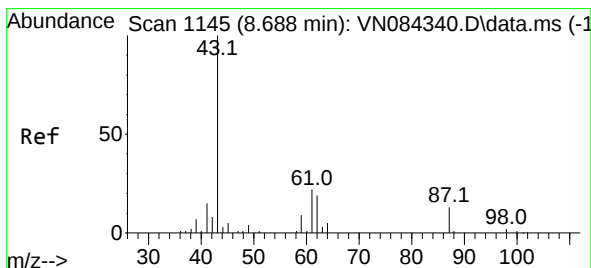
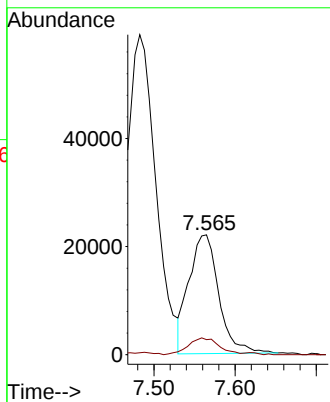
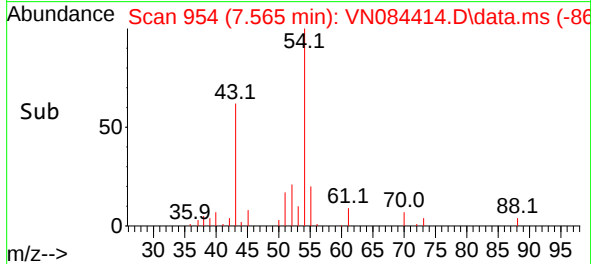
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01



Tgt Ion: 43 Resp: 56109
Ion Ratio Lower Upper
43 100
45 14.5 10.6 16.0

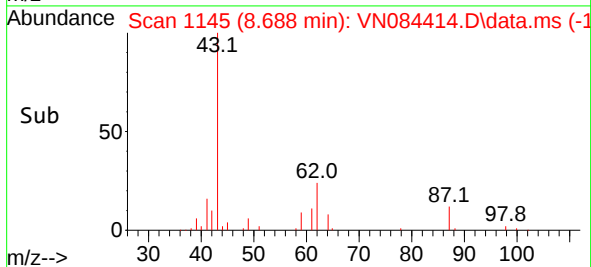
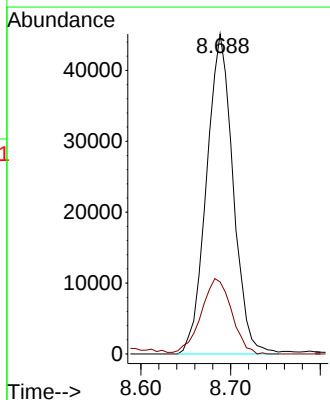
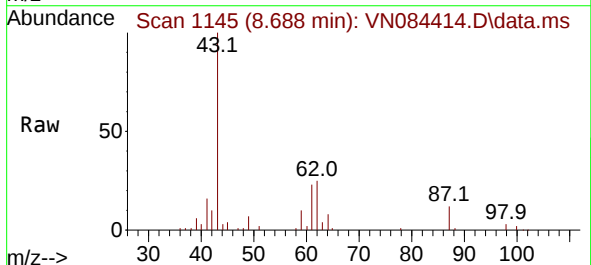
Manual Integrations
APPROVED

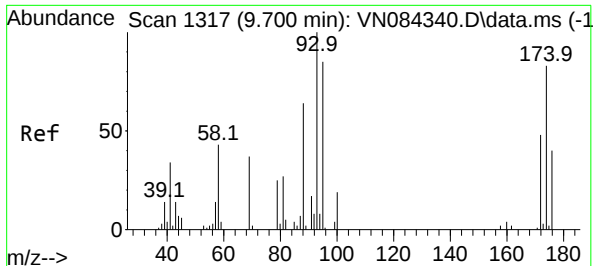
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#44
Isopropyl Acetate
Concen: 21.725 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

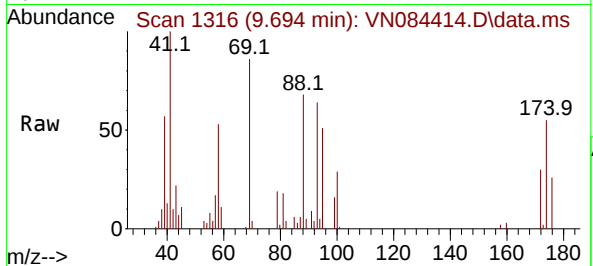
Tgt Ion: 43 Resp: 92896
Ion Ratio Lower Upper
43 100
61 27.0 21.4 32.2





#45
1,4-Dioxane
Concen: 478.439 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

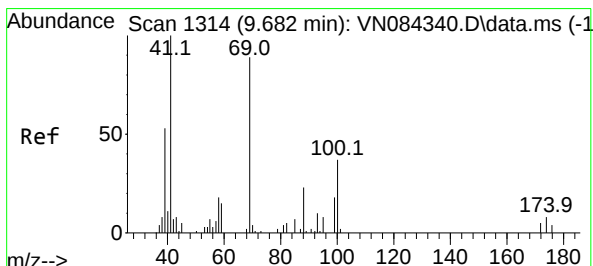
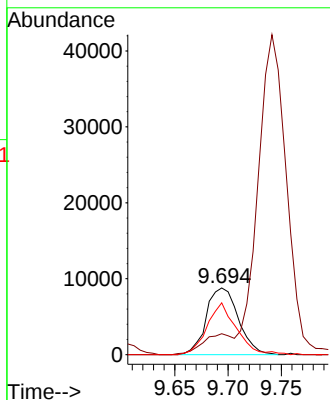
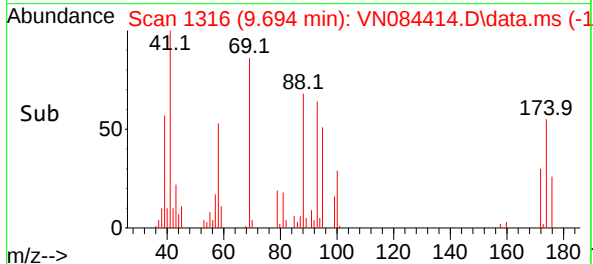
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01



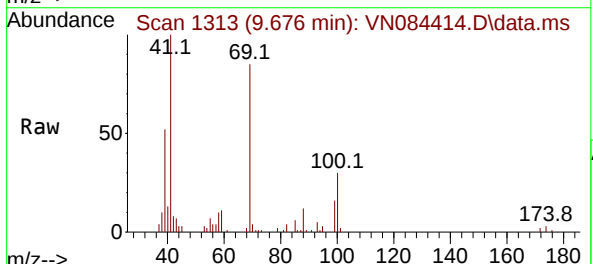
Tgt Ion: 88 Resp: 1844
Ion Ratio Lower Upper
88 100
43 29.9 22.4 33.6
58 69.4 59.7 89.5

Manual Integrations
APPROVED

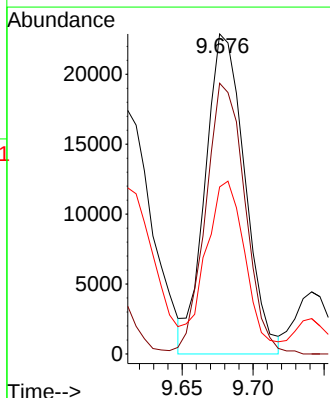
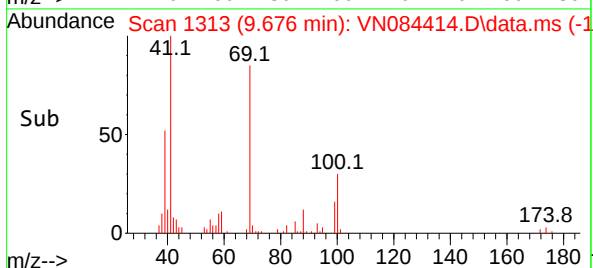
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

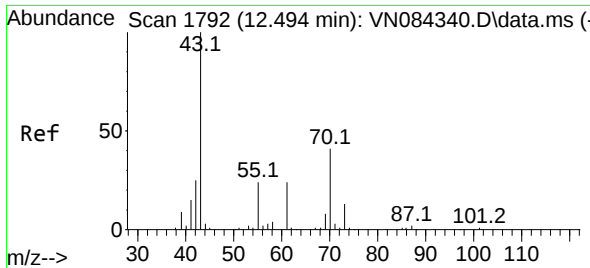


#46
Methyl methacrylate
Concen: 21.501 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15



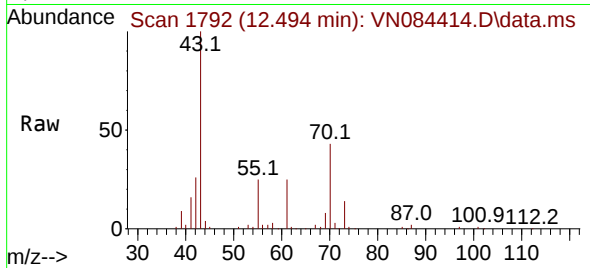
Tgt Ion: 41 Resp: 44421
Ion Ratio Lower Upper
41 100
69 87.7 42.6 128.0
39 51.2 27.5 82.4





#47
n-amy1 Acetate
Concen: 20.707 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

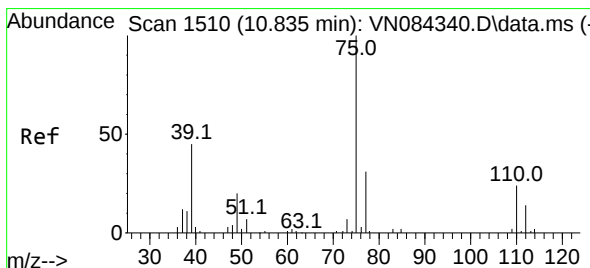
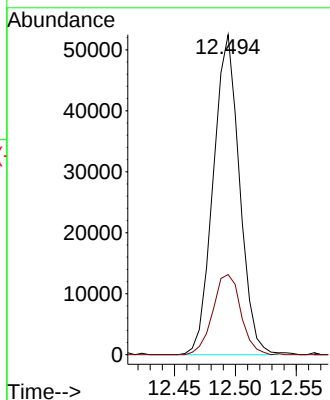
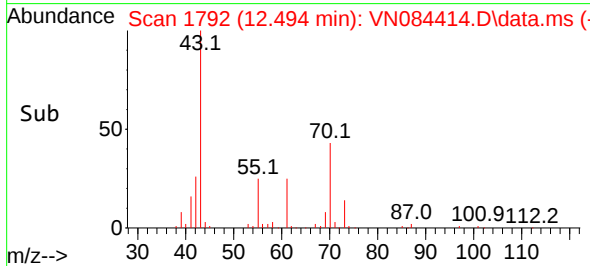
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01



Tgt Ion: 43 Resp: 7875
Ion Ratio Lower Upper
43 100
55 26.7 20.6 31.0

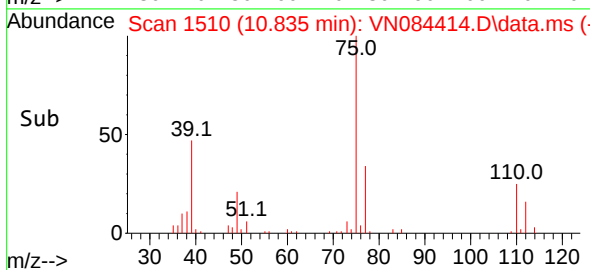
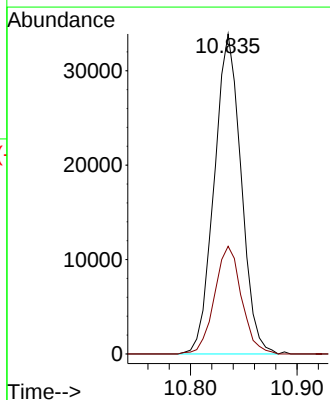
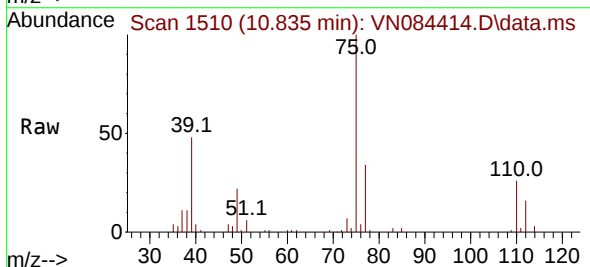
Manual Integrations
APPROVED

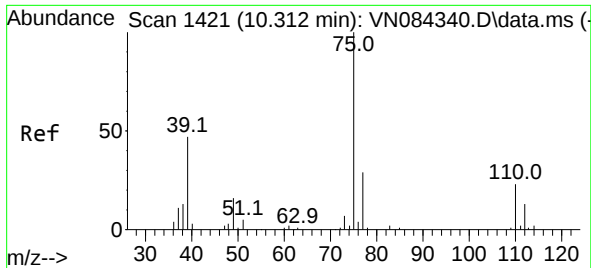
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#48
t-1,3-Dichloropropene
Concen: 20.401 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Tgt Ion: 75 Resp: 59405
Ion Ratio Lower Upper
75 100
77 33.6 24.6 37.0





#49
 cis-1,3-Dichloropropene
 Concen: 21.653 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN084414.D
 Acq: 15 Oct 2024 14:15

Instrument :

MSVOA_N

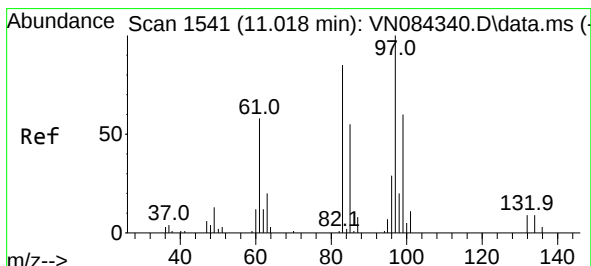
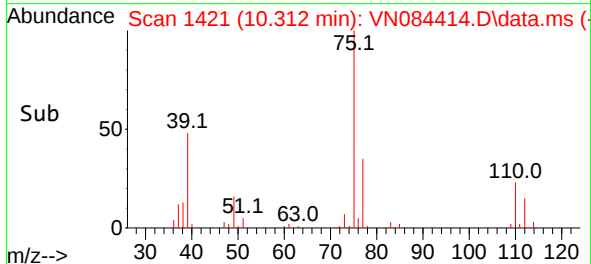
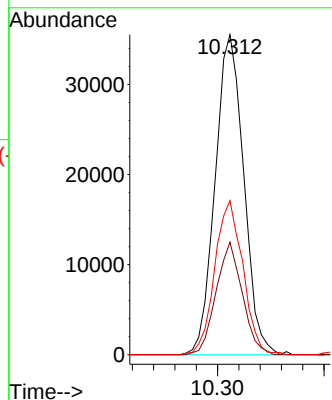
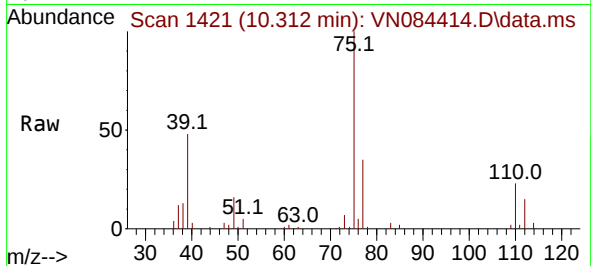
ClientSampleId :

VN1015WBSD01

Tgt Ion: 75 Resp: 66078
 Ion Ratio Lower Upper
 75 100
 77 35.1 22.9 34.3
 39 48.2 37.4 56.2

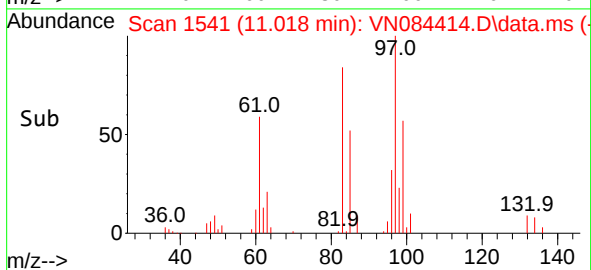
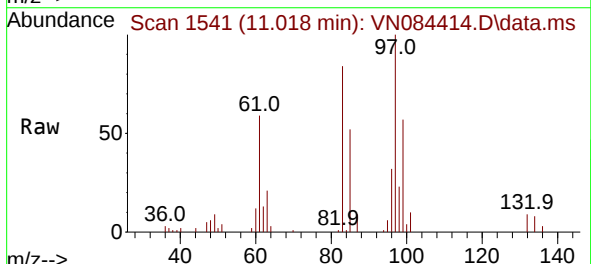
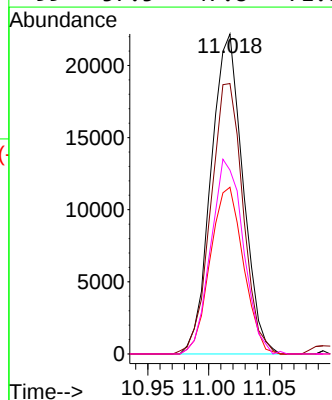
Manual Integrations
 APPROVED

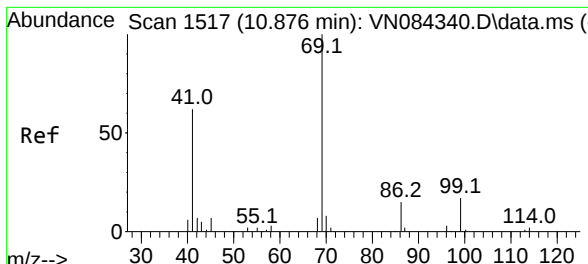
Reviewed By :John Carlone 10/16/2024
 Supervised By :Mahesh Dadoda 10/16/2024



#50
 1,1,2-Trichloroethane
 Concen: 22.655 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN084414.D
 Acq: 15 Oct 2024 14:15

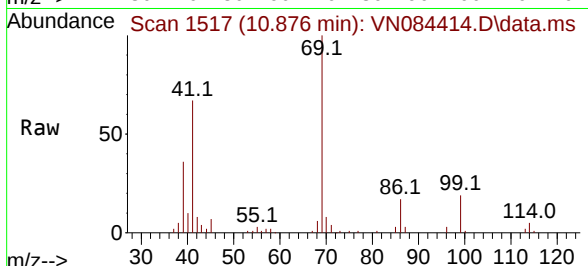
Tgt Ion: 97 Resp: 40419
 Ion Ratio Lower Upper
 97 100
 83 84.5 67.8 101.8
 85 52.1 44.2 66.2
 99 57.5 47.8 71.8





#51
Ethyl methacrylate
Concen: 20.506 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

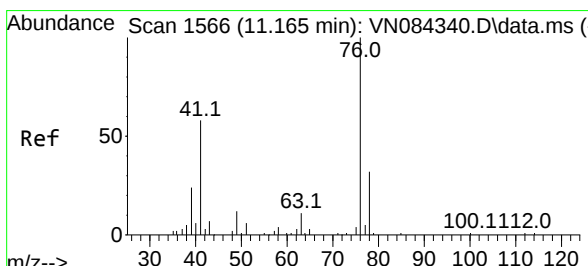
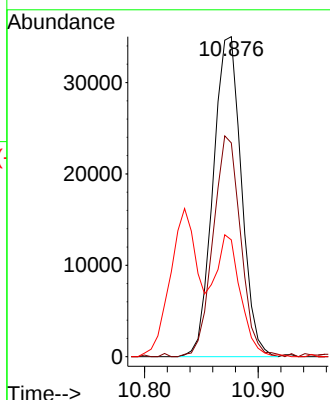
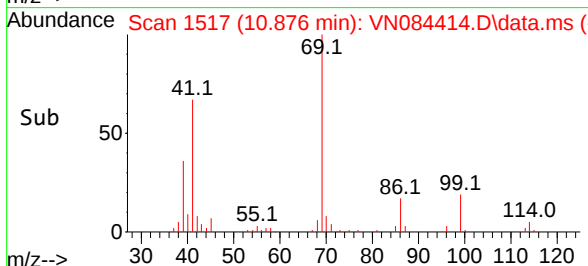
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01



Tgt Ion: 69 Resp: 6043
Ion Ratio Lower Upper
69 100
41 66.8 30.9 92.7
39 35.9 16.6 49.7

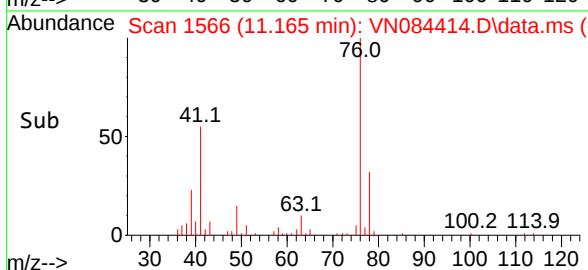
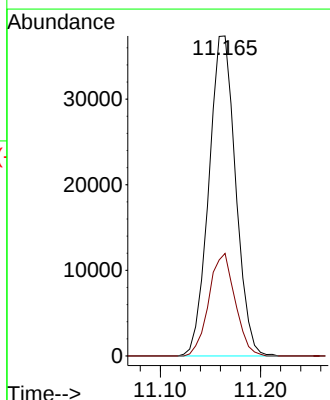
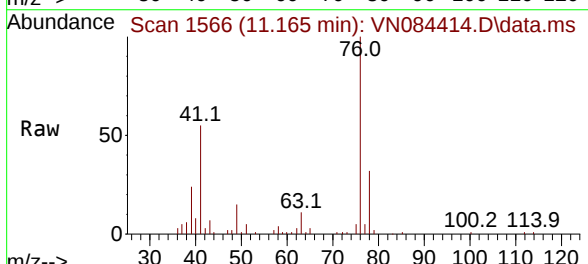
Manual Integrations
APPROVED

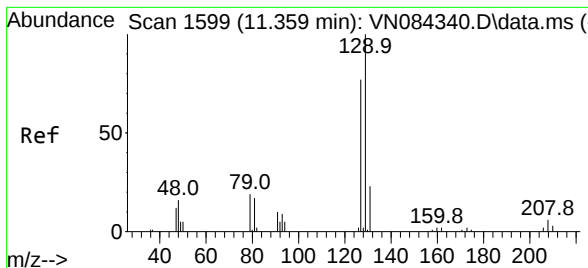
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#52
1,3-Dichloropropane
Concen: 22.282 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

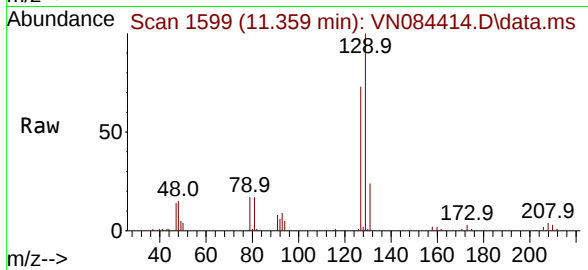
Tgt Ion: 76 Resp: 69509
Ion Ratio Lower Upper
76 100
78 31.3 0.0 64.2





#53
Dibromochloromethane
Concen: 22.167 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

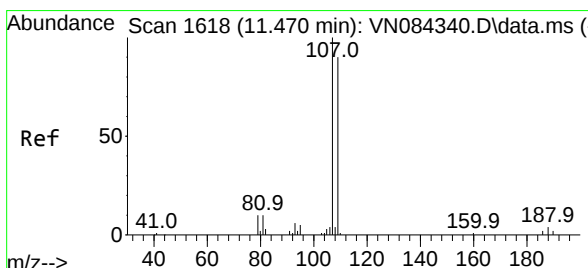
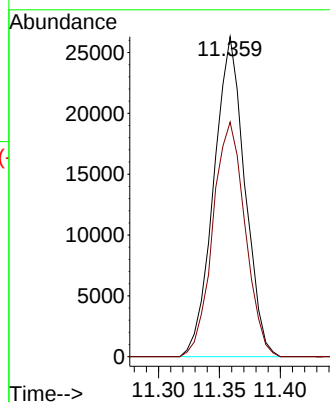
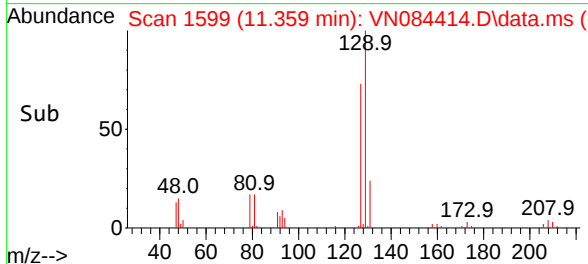
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01



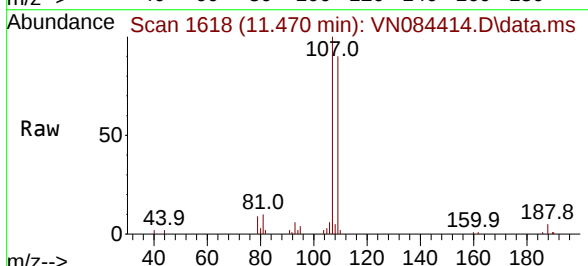
Tgt Ion:129 Resp: 46718
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5

Manual Integrations
APPROVED

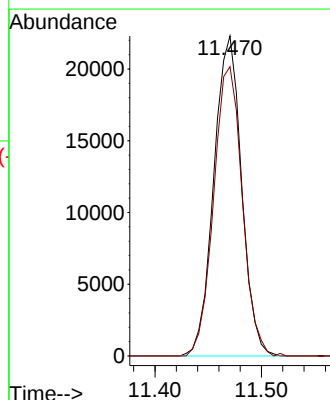
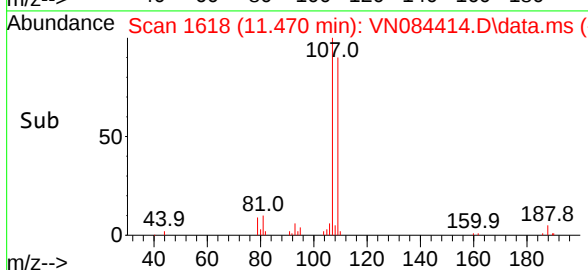
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

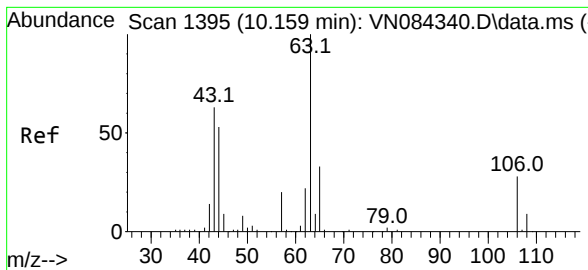


#54
1,2-Dibromoethane
Concen: 21.932 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15



Tgt Ion:107 Resp: 40277
Ion Ratio Lower Upper
107 100
109 93.1 73.8 110.6





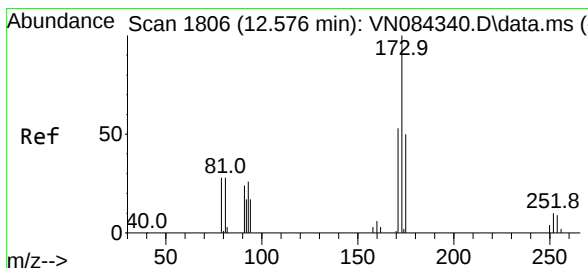
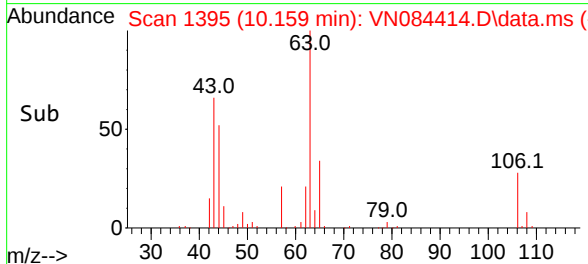
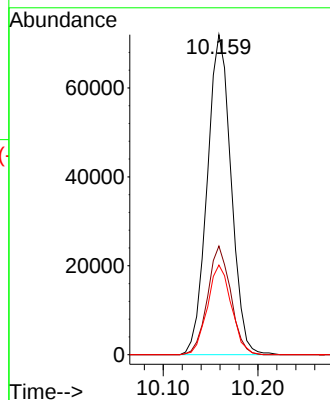
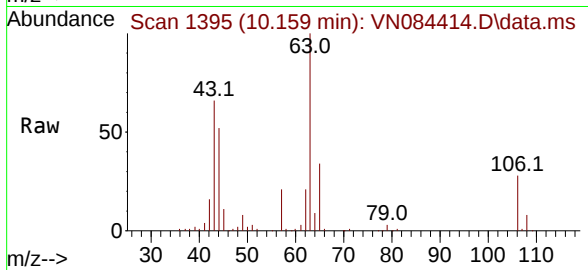
#55
2-Chloroethyl vinyl ether
Concen: 94.526 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tgt Ion: 63 Resp: 12634
Ion Ratio Lower Upper
63 100
65 32.9 25.6 38.4
106 28.1 21.6 32.4

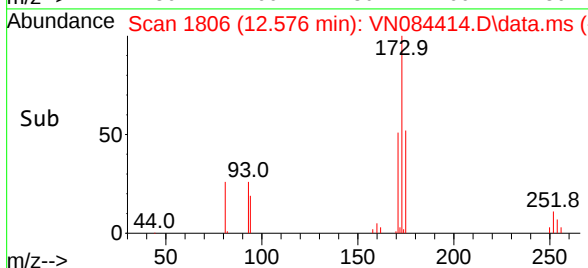
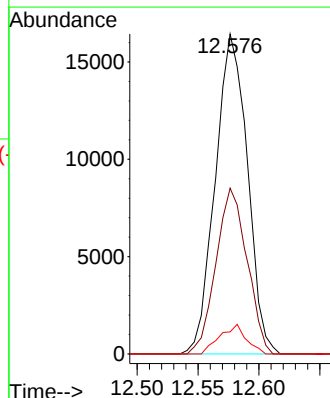
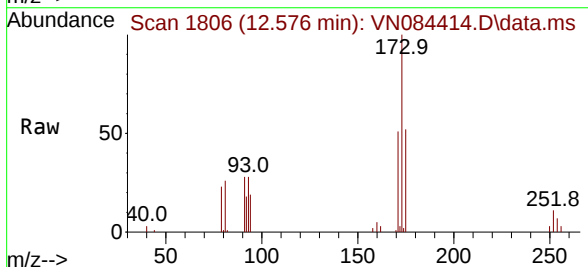
Manual Integrations
APPROVED

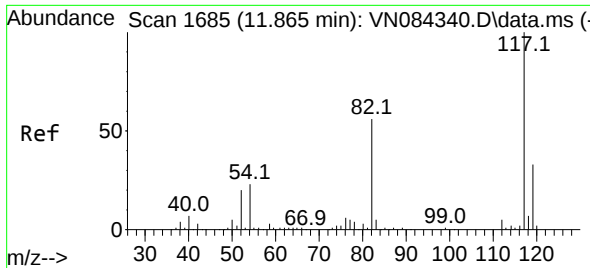
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#56
Bromoform
Concen: 21.566 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Tgt Ion:173 Resp: 30145
Ion Ratio Lower Upper
173 100
175 50.1 39.4 59.2
254 7.6 6.8 10.2





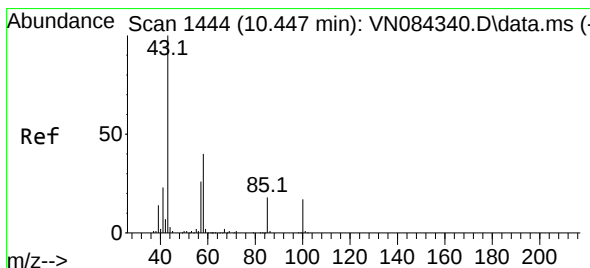
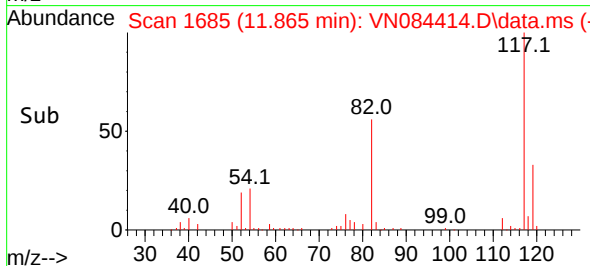
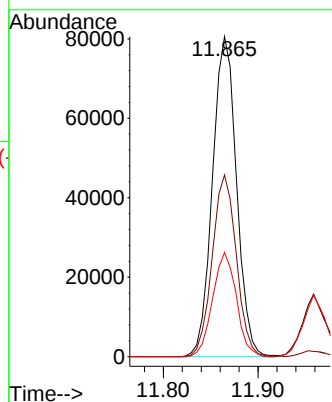
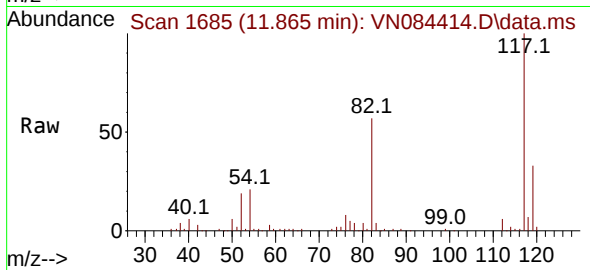
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tgt Ion:117 Resp: 14222
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.1 25.4 38.2

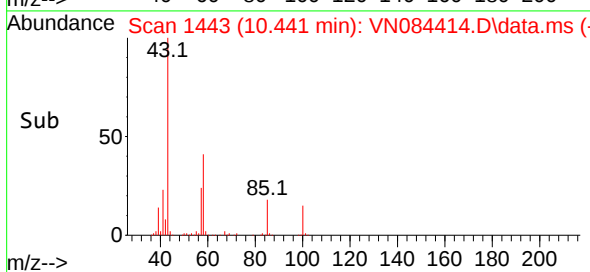
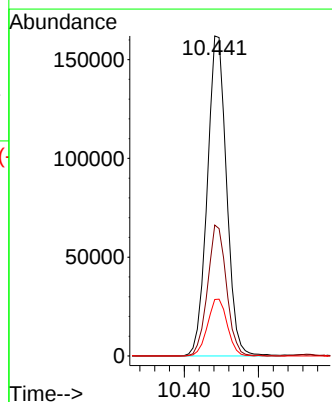
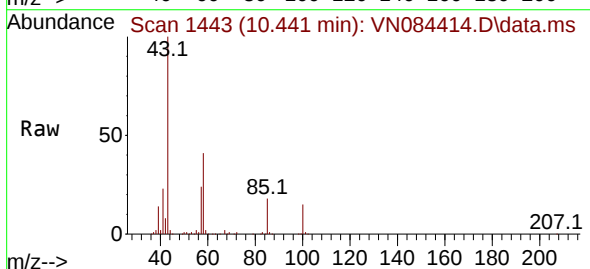
Manual Integrations
APPROVED

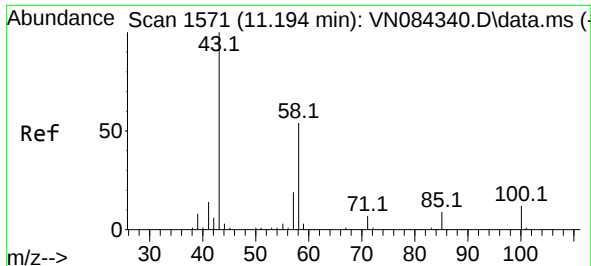
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#58
4-Methyl-2-Pentanone
Concen: 110.707 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

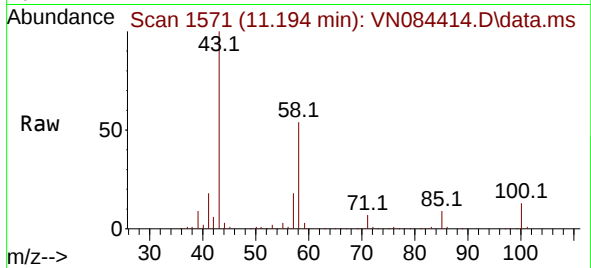
Tgt Ion: 43 Resp: 293305
Ion Ratio Lower Upper
43 100
58 40.0 31.9 47.9
85 18.1 14.6 22.0





#59
2-Hexanone
Concen: 112.250 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

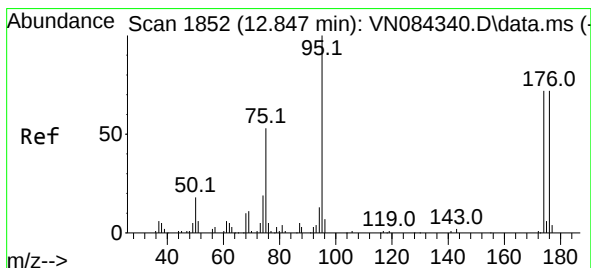
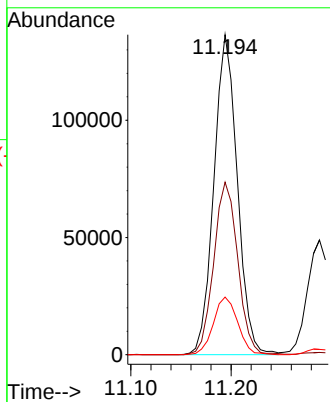
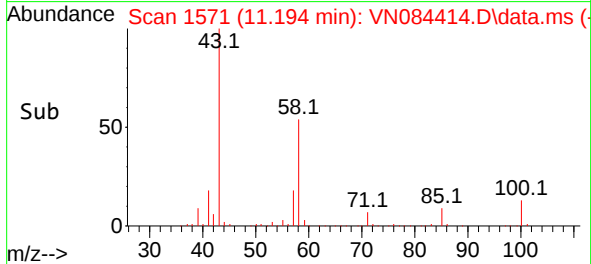
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01



Tgt Ion: 43 Resp: 220980
Ion Ratio Lower Upper
43 100
58 55.2 44.0 66.0
57 18.8 15.4 23.2

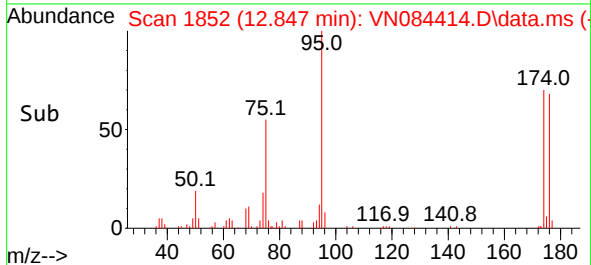
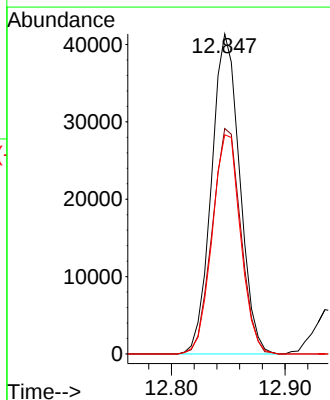
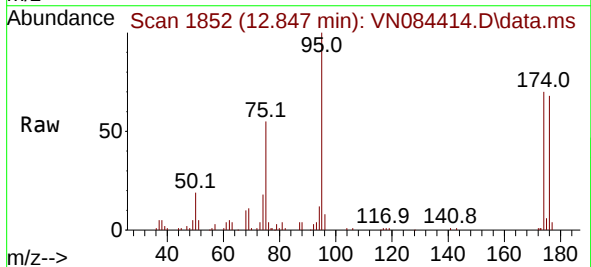
Manual Integrations
APPROVED

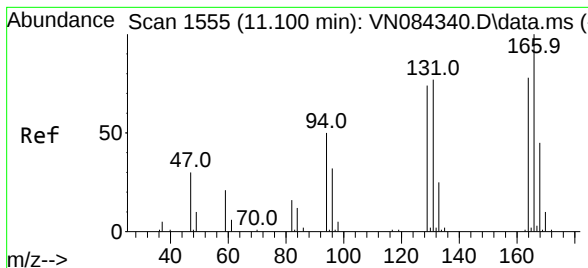
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#60
4-Bromofluorobenzene
Concen: 30.387 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

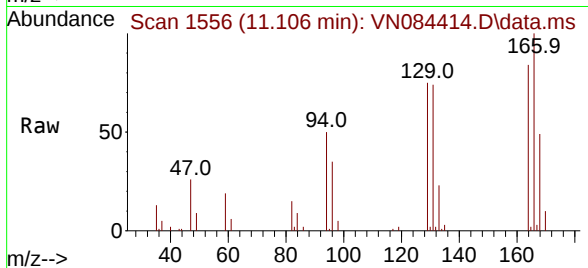
Tgt Ion: 95 Resp: 71326
Ion Ratio Lower Upper
95 100
174 71.4 58.2 87.2
176 69.0 56.4 84.6





#61
Tetrachloroethene
Concen: 20.934 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

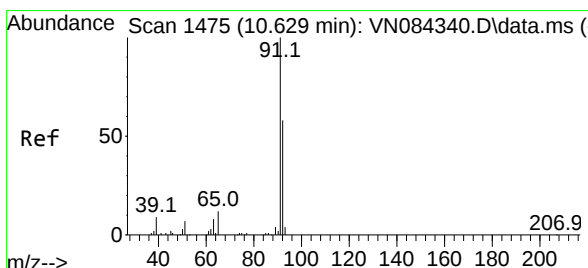
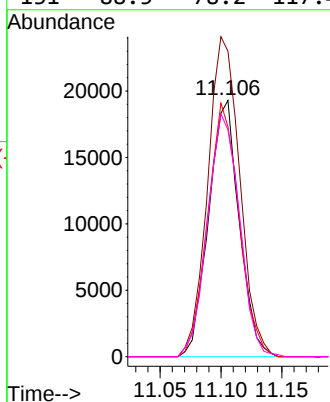
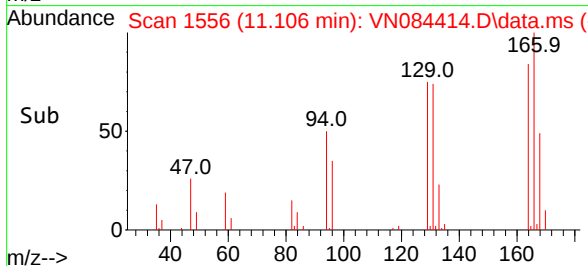
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01



Tgt Ion:164 Resp: 33678
Ion Ratio Lower Upper
164 100
166 119.1 102.5 153.7
129 89.7 75.7 113.5
131 88.5 78.2 117.4

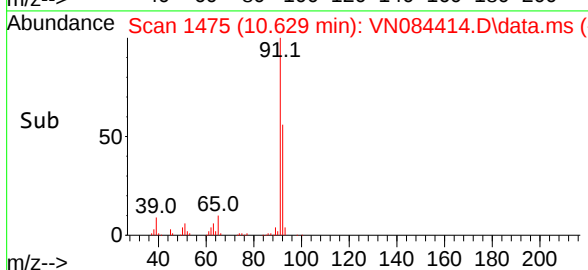
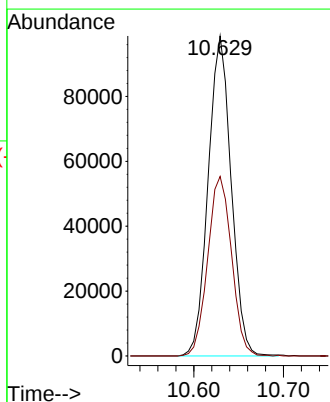
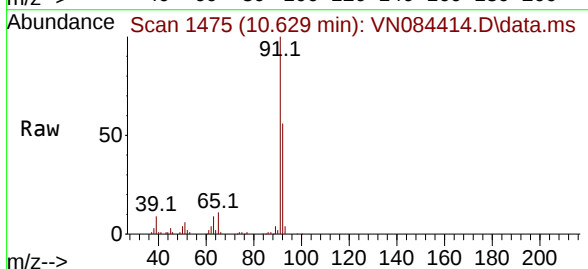
Manual Integrations
APPROVED

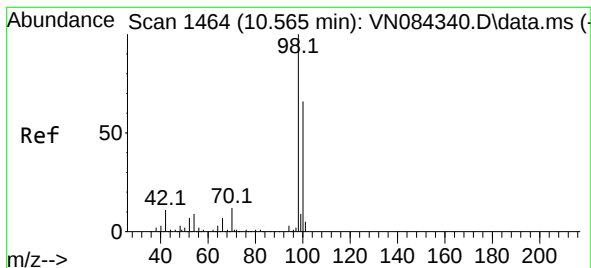
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#62
Toluene
Concen: 21.113 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Tgt Ion: 91 Resp: 175785
Ion Ratio Lower Upper
91 100
92 57.9 47.2 70.8





#63

Toluene-d8

Concen: 30.303 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084414.D

Acq: 15 Oct 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

Tgt Ion: 98 Resp: 199658

Ion Ratio Lower Upper

98 100

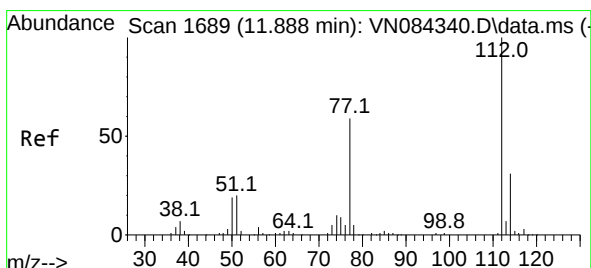
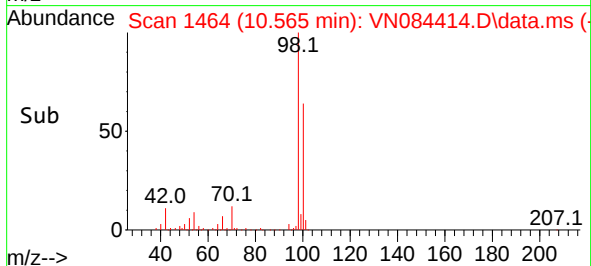
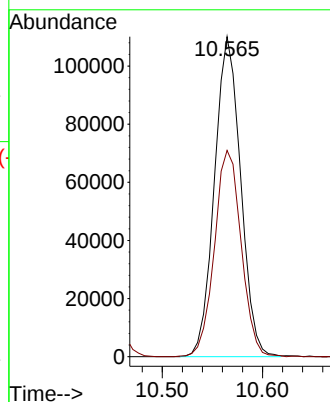
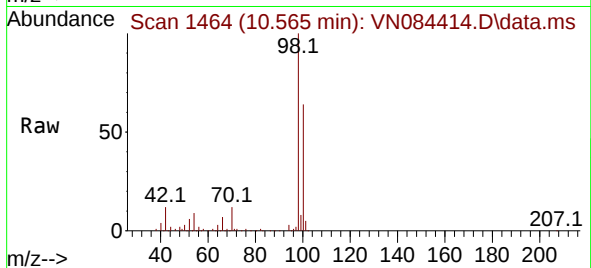
100 65.8 52.5 78.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#64

Chlorobenzene

Concen: 21.068 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VN084414.D

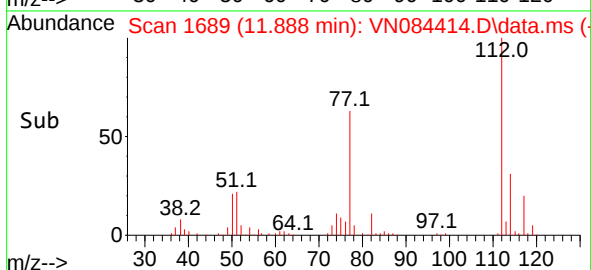
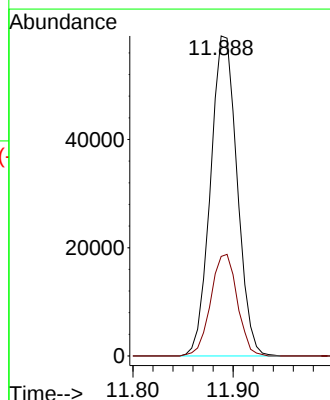
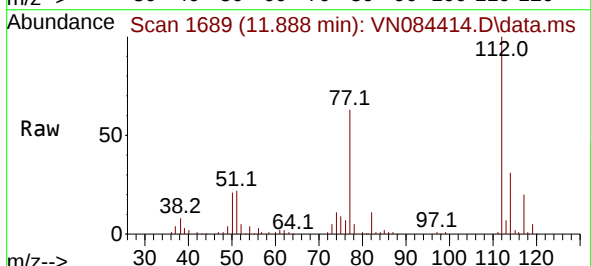
Acq: 15 Oct 2024 14:15

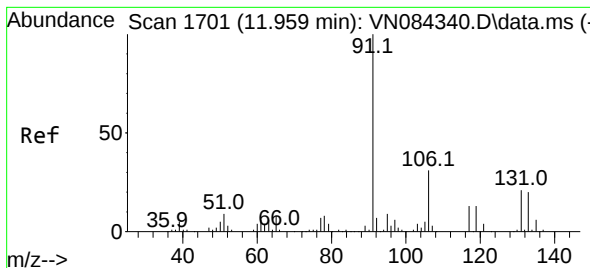
Tgt Ion:112 Resp: 109158

Ion Ratio Lower Upper

112 100

114 31.1 25.1 37.7





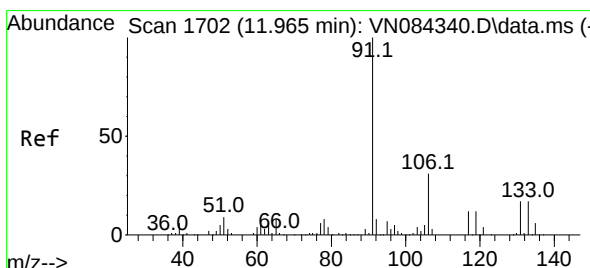
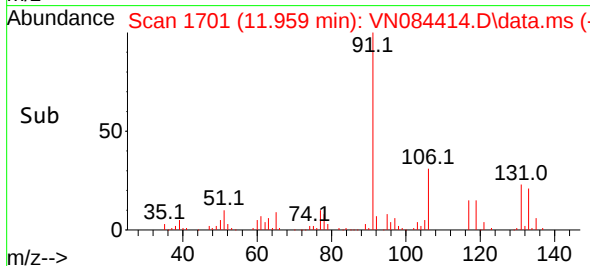
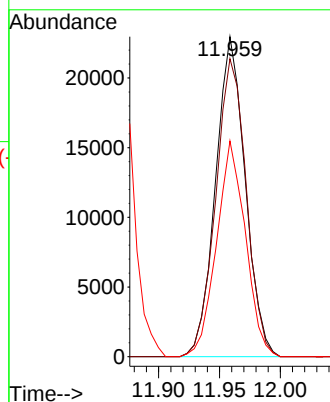
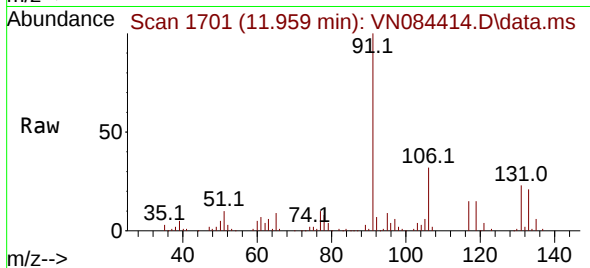
#65
1,1,1,2-Tetrachloroethane
Concen: 21.681 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tgt Ion:131 Resp: 39020
Ion Ratio Lower Upper
131 100
133 95.9 0.0 190.4
119 65.6 0.0 130.0

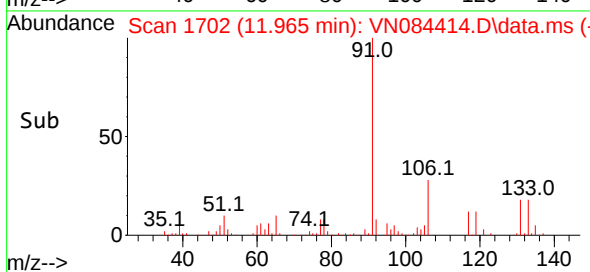
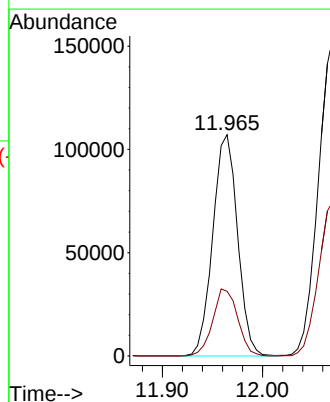
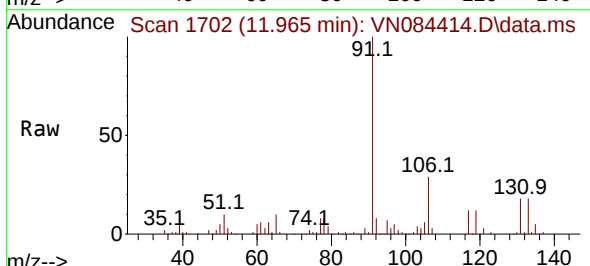
Manual Integrations
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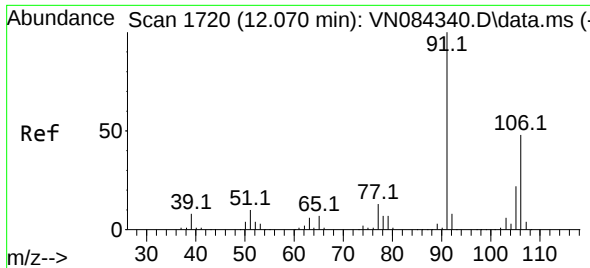
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#66
Ethyl Benzene
Concen: 20.328 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Tgt Ion: 91 Resp: 183880
Ion Ratio Lower Upper
91 100
106 29.2 25.2 37.8





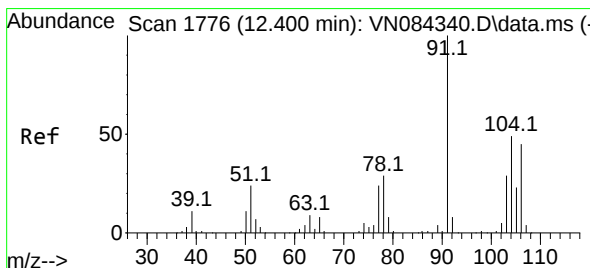
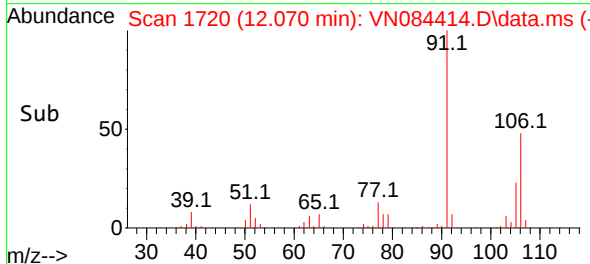
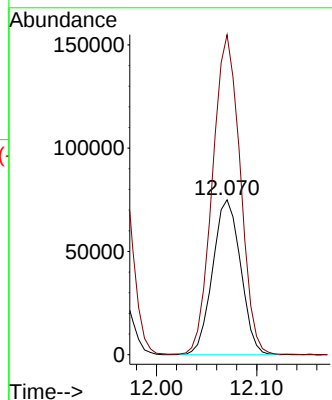
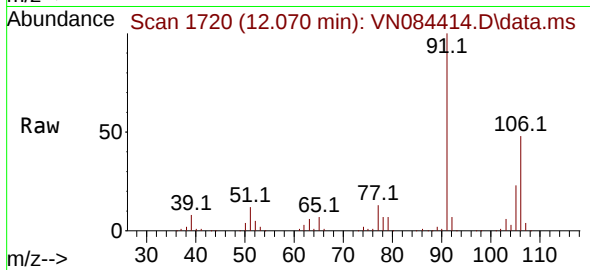
#67
m/p-Xylenes
Concen: 42.350 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tgt Ion:106 Resp: 145324
Ion Ratio Lower Upper
106 100
91 204.7 166.7 250.1

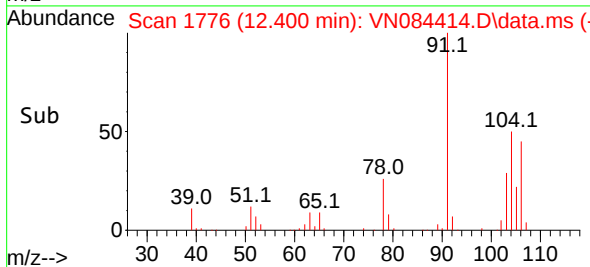
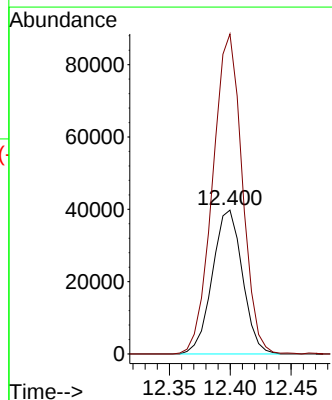
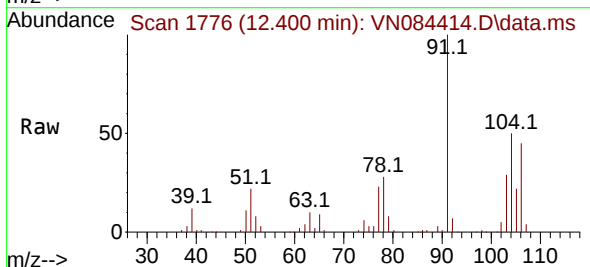
Manual Integrations
APPROVED

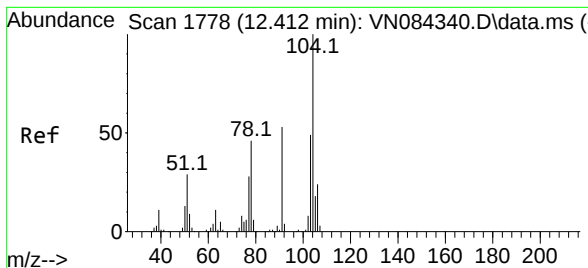
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#68
o-Xylene
Concen: 20.683 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Tgt Ion:106 Resp: 68413
Ion Ratio Lower Upper
106 100
91 218.3 110.9 332.9





#69

Styrene

Concen: 20.672 ug/l

RT: 12.412 min Scan# 117378

Delta R.T. -0.000 min

Lab File: VN084414.D

Acq: 15 Oct 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

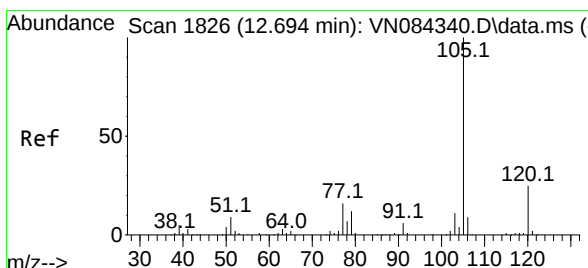
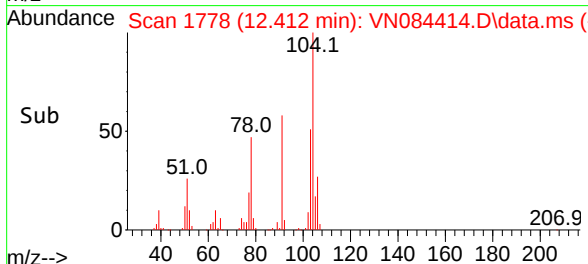
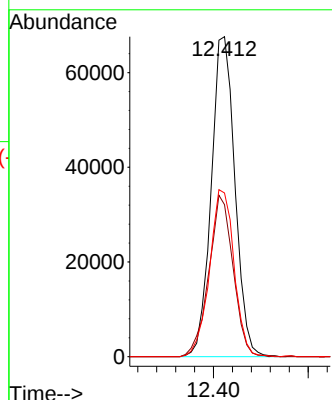
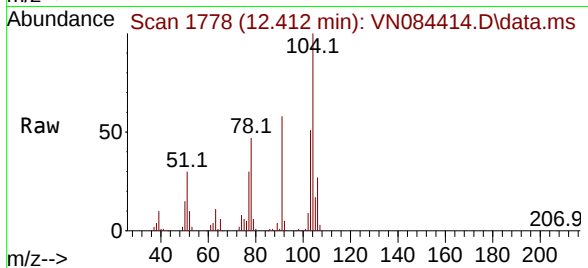
Tgt Ion:104	Resp:	117378
Ion Ratio	Lower	Upper
104	100	
78	51.4	41.6 62.4
103	54.1	44.4 66.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#70

Isopropylbenzene

Concen: 20.600 ug/l

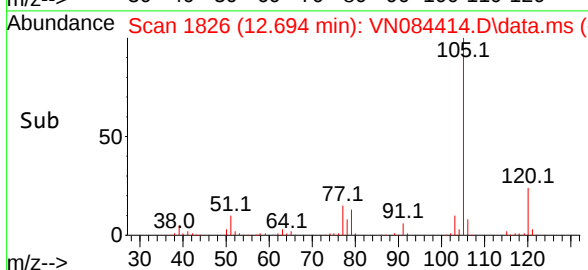
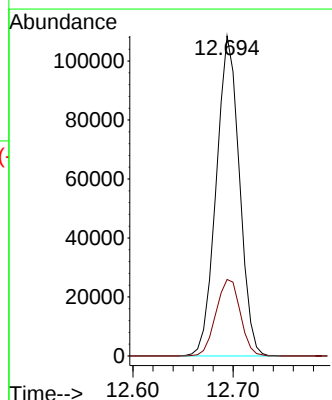
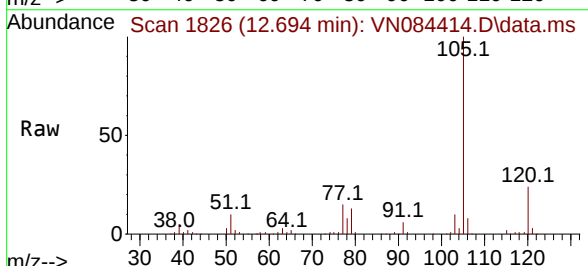
RT: 12.694 min Scan# 1826

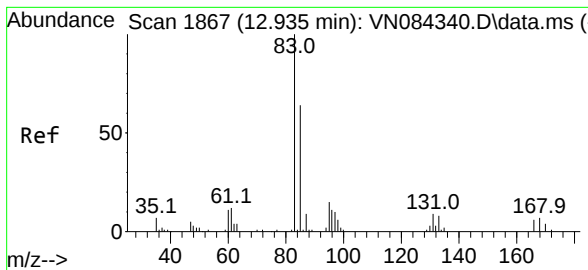
Delta R.T. -0.000 min

Lab File: VN084414.D

Acq: 15 Oct 2024 14:15

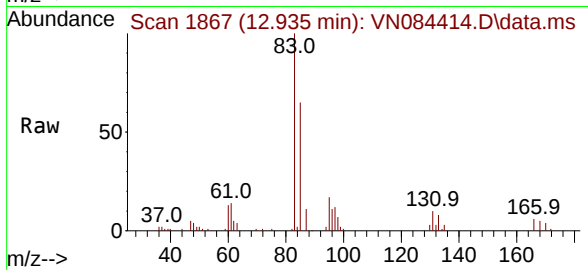
Tgt Ion:105	Resp:	173943
Ion Ratio	Lower	Upper
105	100	
120	25.0	17.4 32.4





#71
1,1,2,2-Tetrachloroethane
Concen: 22.783 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

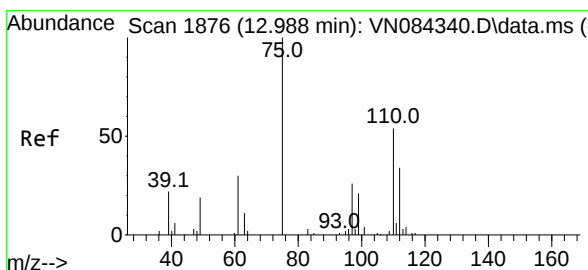
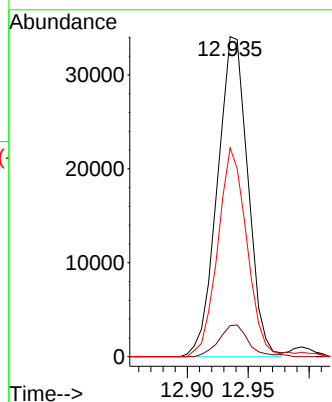
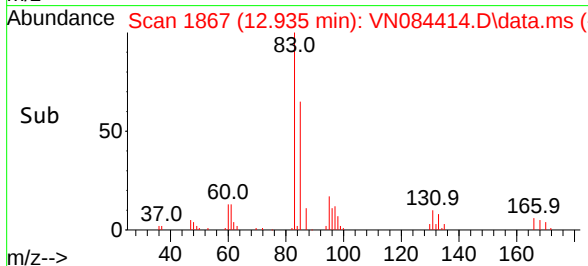
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01



Tgt Ion: 83 Resp: 59514
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 61.9 32.0 96.2

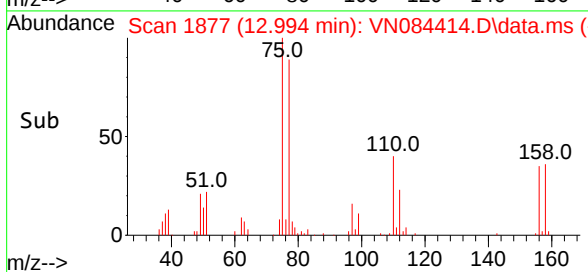
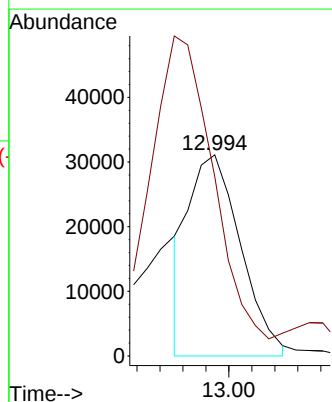
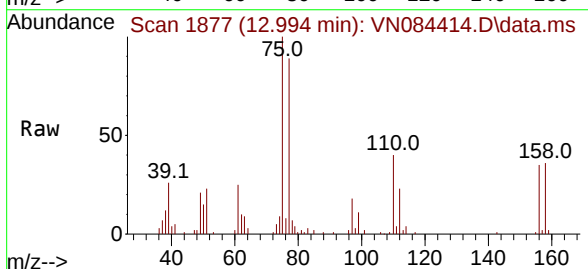
Manual Integrations
APPROVED

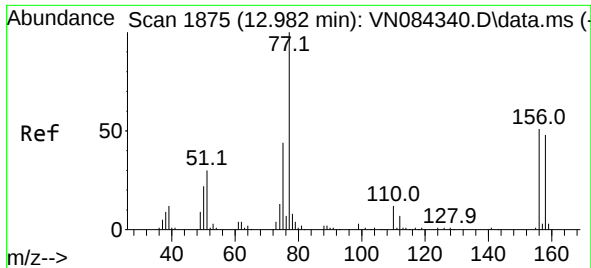
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#72
1,2,3-Trichloropropane
Concen: 21.912 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

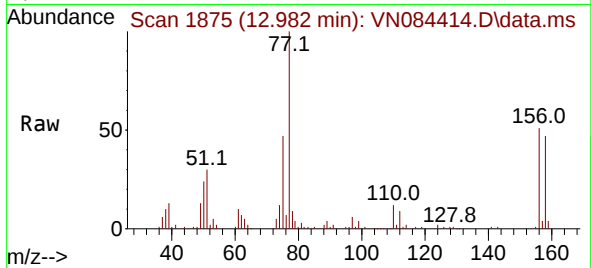
Tgt Ion: 75 Resp: 49021
Ion Ratio Lower Upper
75 100
77 200.3 0.0 414.0





#73
Bromobenzene
Concen: 21.147 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

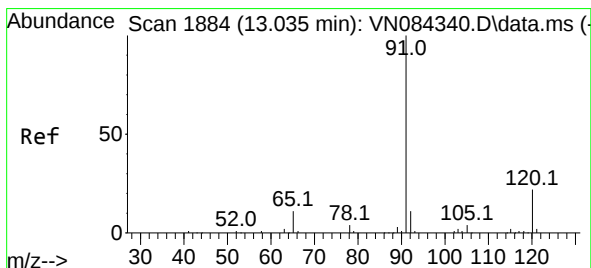
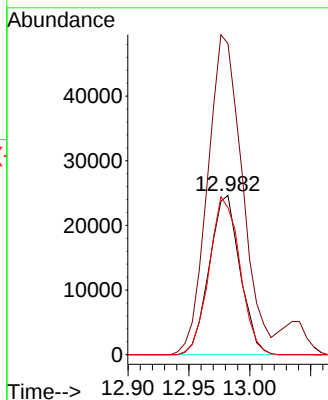
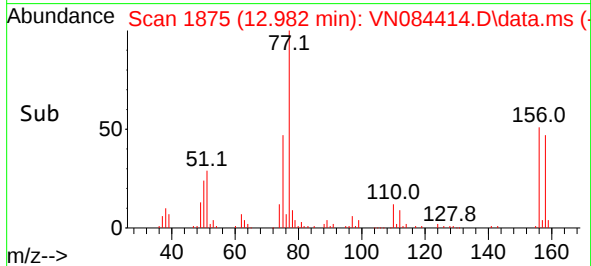
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01



Tgt Ion:156 Resp: 43249
Ion Ratio Lower Upper
156 100
77 227.1 0.0 451.0
158 99.4 0.0 194.6

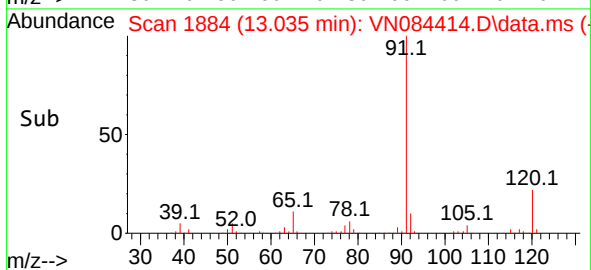
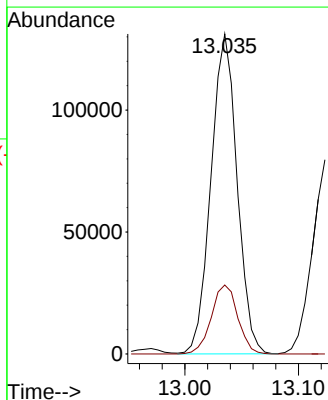
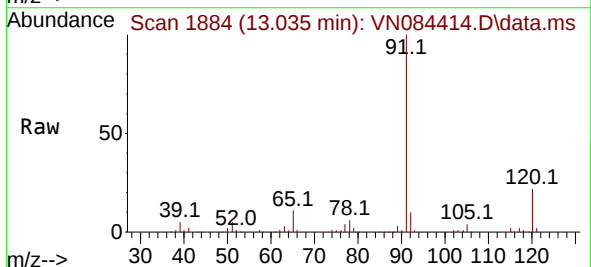
Manual Integrations
APPROVED

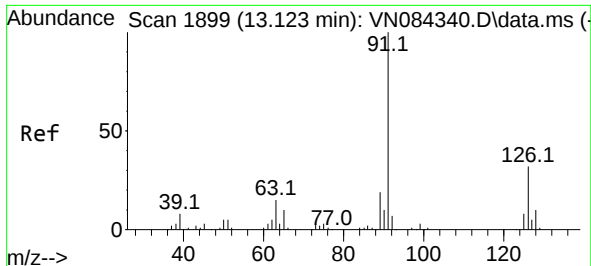
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#74
n-propylbenzene
Concen: 20.807 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Tgt Ion: 91 Resp: 209365
Ion Ratio Lower Upper
91 100
120 21.8 0.0 43.2





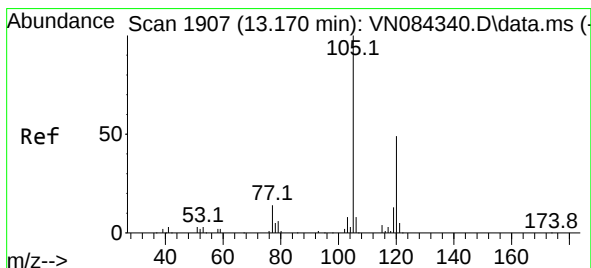
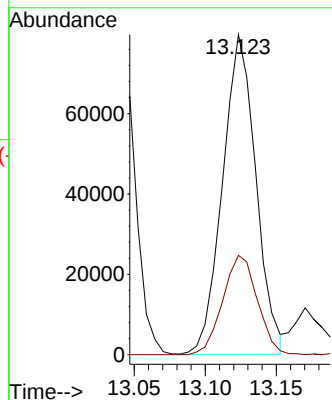
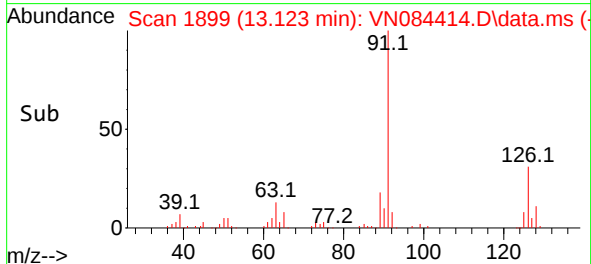
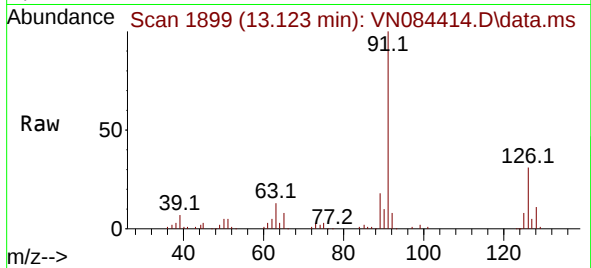
#75
2-Chlorotoluene
Concen: 20.779 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tgt Ion: 91 Resp: 129924
Ion Ratio Lower Upper
91 100
126 32.2 0.0 64.0

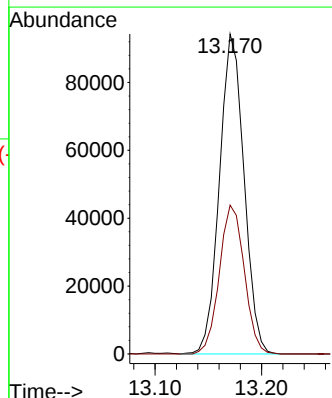
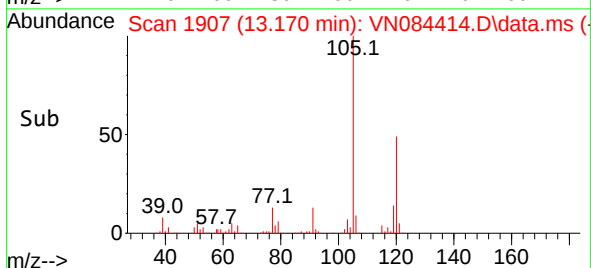
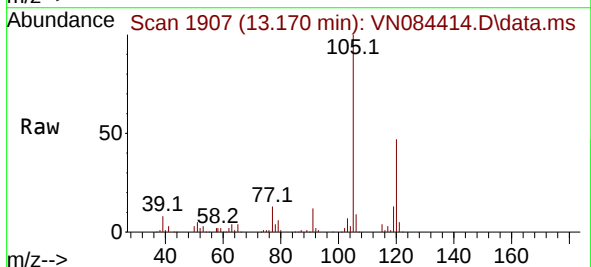
Manual Integrations
APPROVED

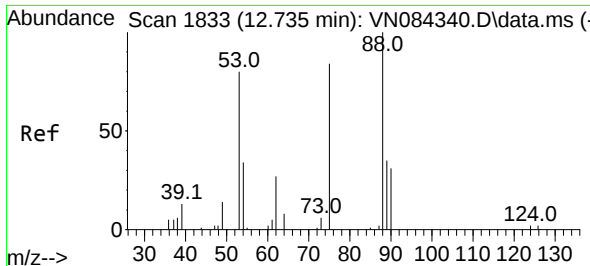
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#76
1,3,5-Trimethylbenzene
Concen: 21.205 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

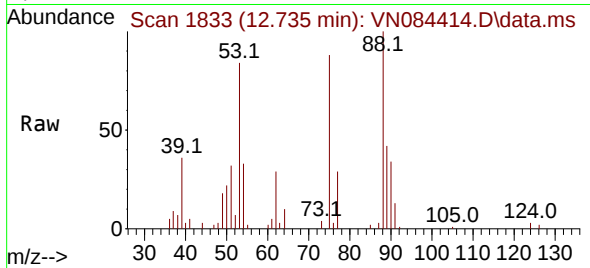
Tgt Ion:105 Resp: 150765
Ion Ratio Lower Upper
105 100
120 47.2 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 21.297 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

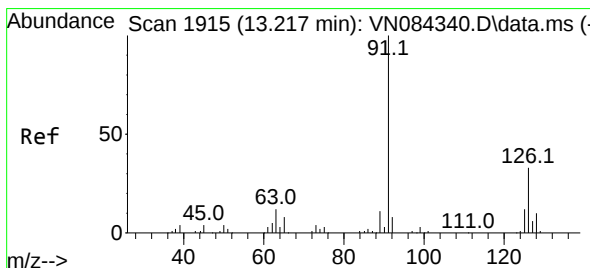
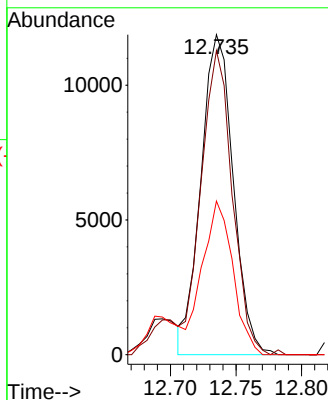
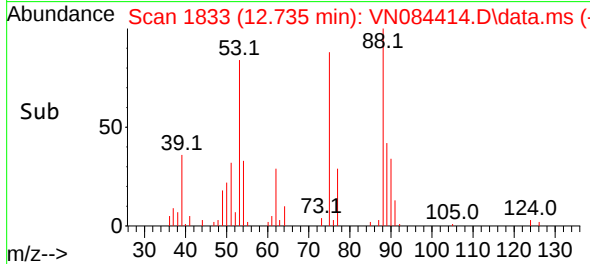
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01



Tgt Ion: 75 Resp: 20359
Ion Ratio Lower Upper
75 100
53 93.5 47.3 142.0
89 48.0 22.9 68.8

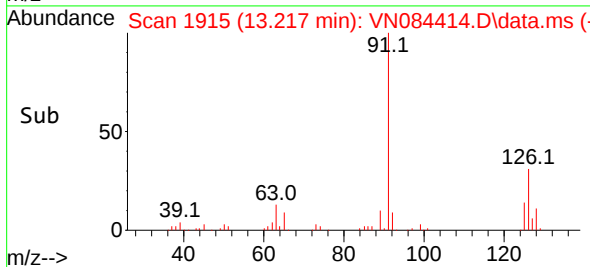
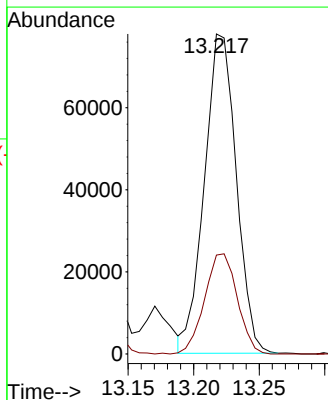
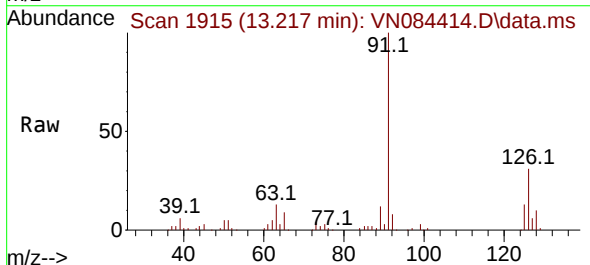
Manual Integrations
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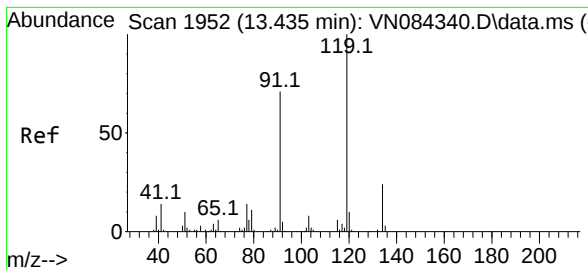
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#78
4-Chlorotoluene
Concen: 20.697 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Tgt Ion: 91 Resp: 131572
Ion Ratio Lower Upper
91 100
126 32.1 0.0 62.4





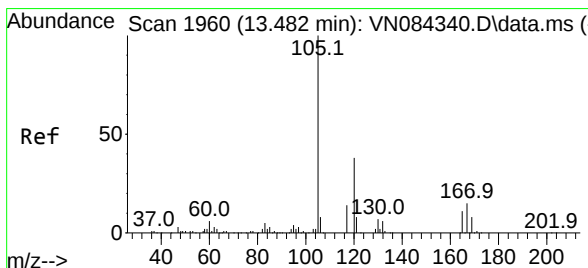
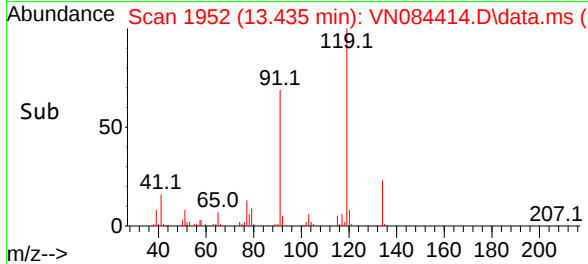
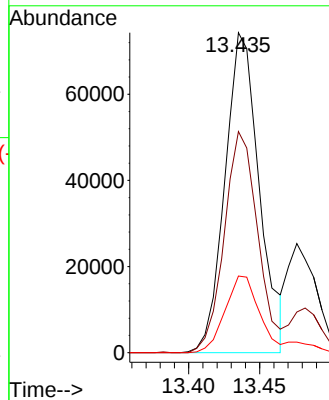
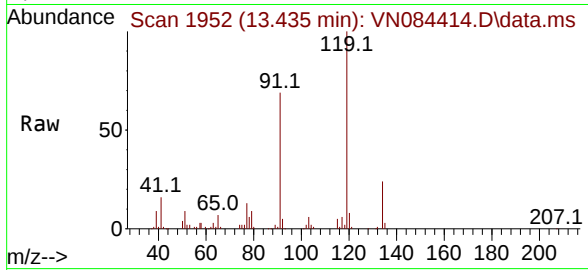
#79
tert-butylbenzene
Concen: 20.636 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tgt Ion:119 Resp: 125167
Ion Ratio Lower Upper
119 100
91 67.3 0.0 138.0
134 23.8 0.0 48.8

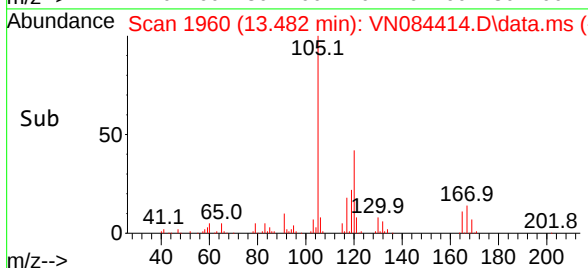
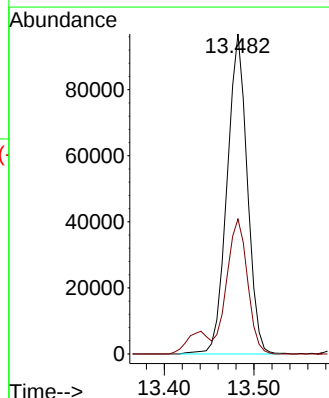
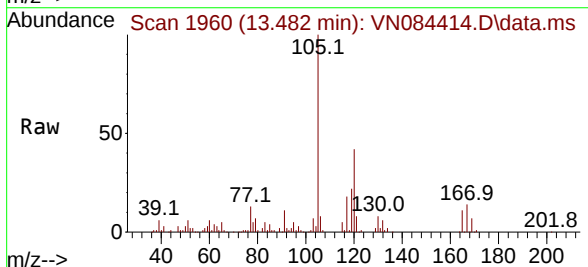
Manual Integrations
APPROVED

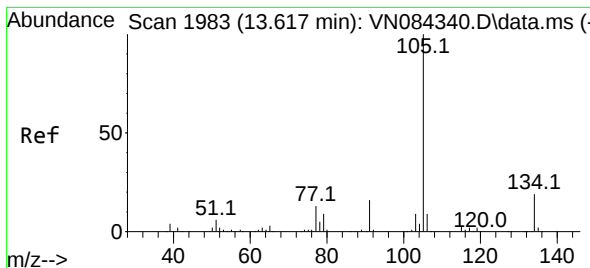
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.983 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

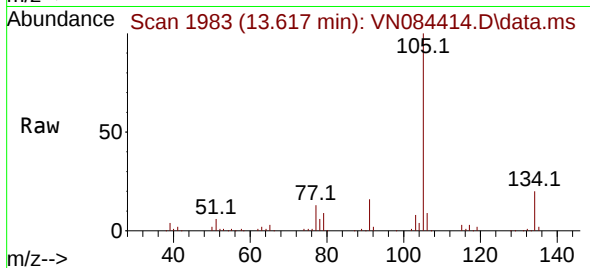
Tgt Ion:105 Resp: 151367
Ion Ratio Lower Upper
105 100
120 43.1 0.0 88.8





#81
 sec-Butylbenzene
 Concen: 20.687 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084414.D
 Acq: 15 Oct 2024 14:15

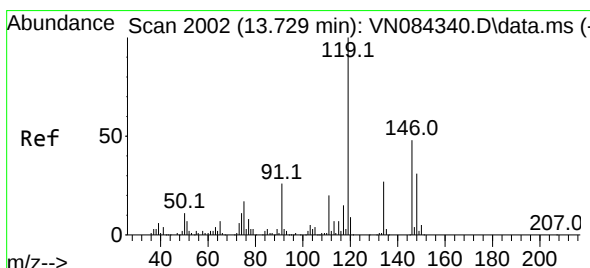
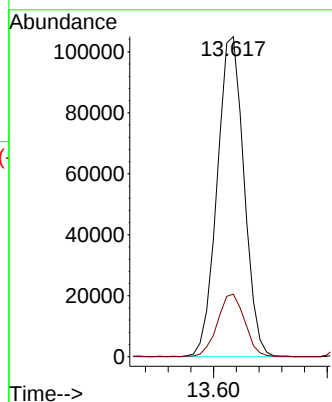
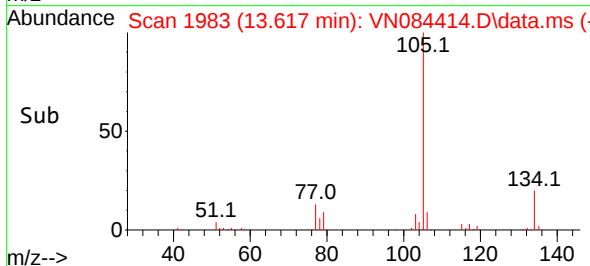
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01



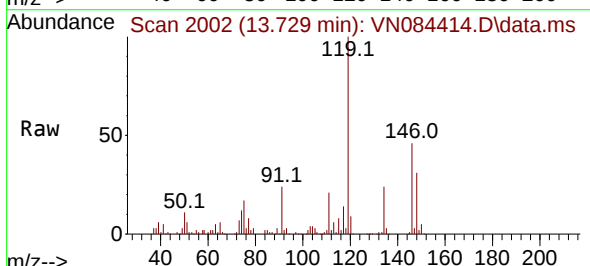
Tgt Ion:105 Resp: 172750
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 38.0

Manual Integrations
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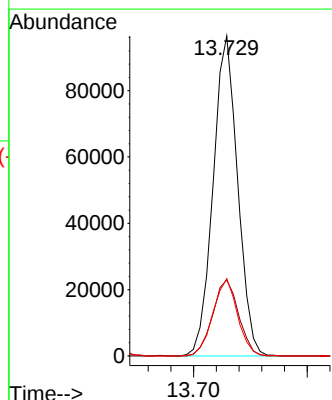
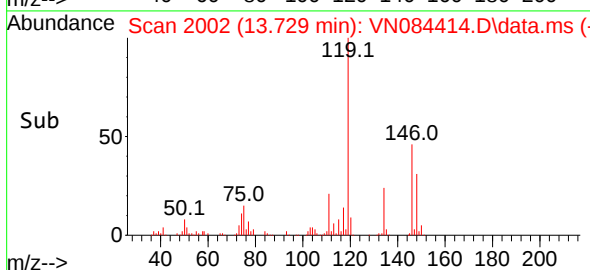
Reviewed By :John Carlone 10/16/2024
 Supervised By :Mahesh Dadoda 10/16/2024

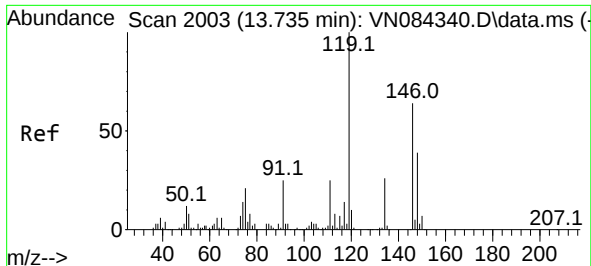


#82
 p-Isopropyltoluene
 Concen: 20.605 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084414.D
 Acq: 15 Oct 2024 14:15



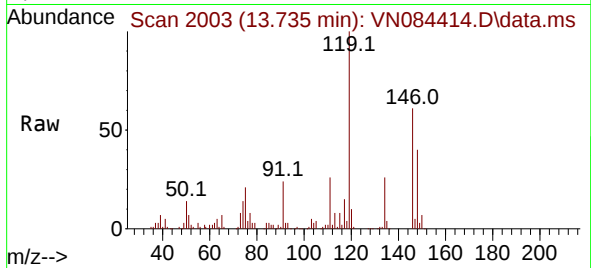
Tgt Ion:119 Resp: 144825
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 50.2
 91 24.2 0.0 50.6





#83
 1,3-Dichlorobenzene
 Concen: 20.853 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN084414.D
 Acq: 15 Oct 2024 14:15

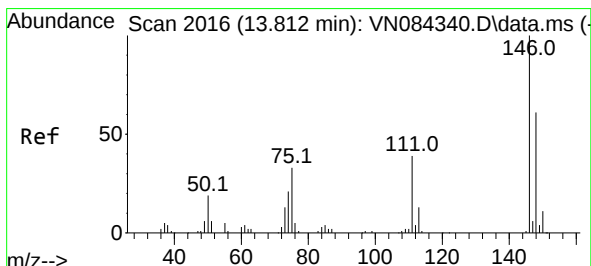
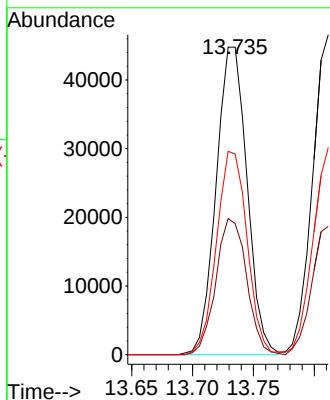
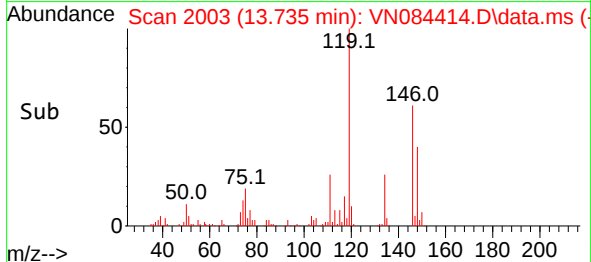
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01



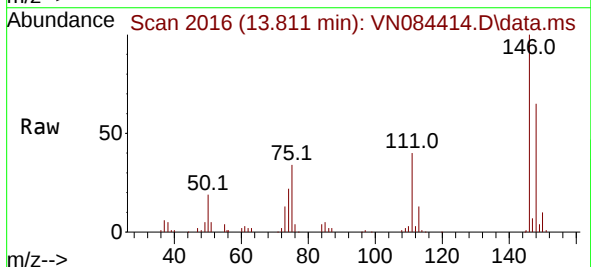
Tgt Ion:146 Resp: 7929
 Ion Ratio Lower Upper
 146 100
 111 43.9 20.6 61.9
 148 65.3 31.6 94.7

Manual Integrations
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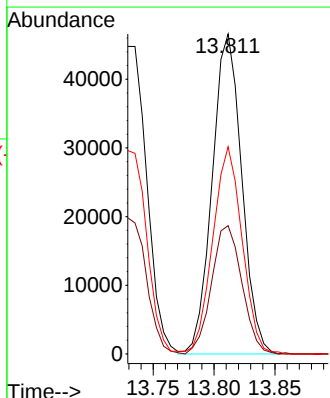
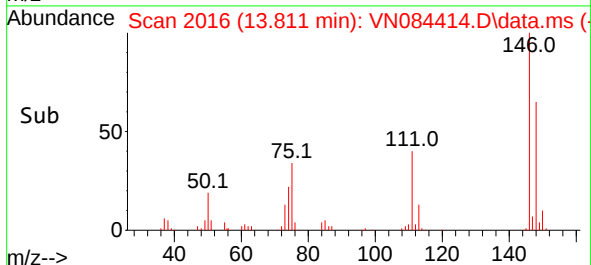
Reviewed By :John Carlone 10/16/2024
 Supervised By :Mahesh Dadoda 10/16/2024

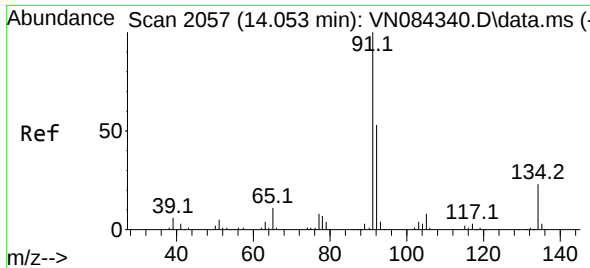


#84
 1,4-Dichlorobenzene
 Concen: 20.807 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN084414.D
 Acq: 15 Oct 2024 14:15



Tgt Ion:146 Resp: 78565
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.5 61.5
 148 64.5 32.5 97.4





#85
n-Butylbenzene
Concen: 19.554 ug/l
RT: 14.059 min Scan# 2104
Delta R.T. 0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

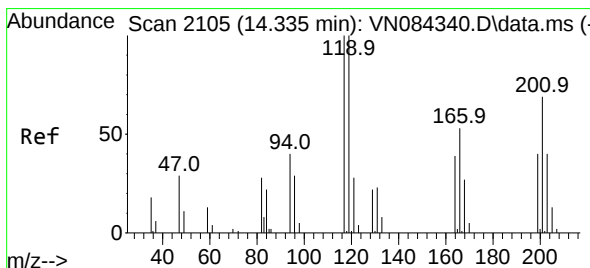
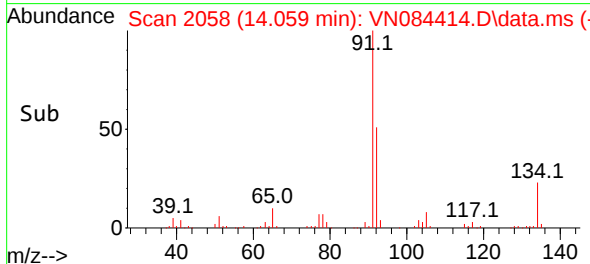
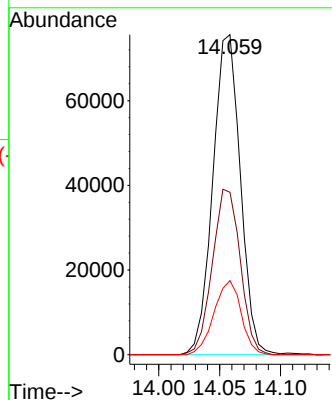
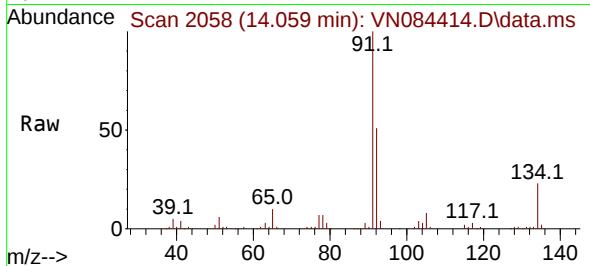
VN1015WBSD01

Tgt Ion: 91 Resp: 11904
Ion Ratio Lower Upper
91 100
92 52.4 0.0 103.4
134 22.9 0.0 48.0

Manual Integrations

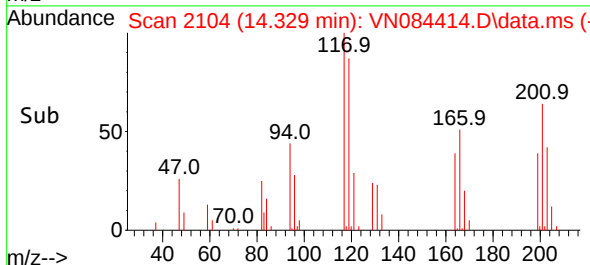
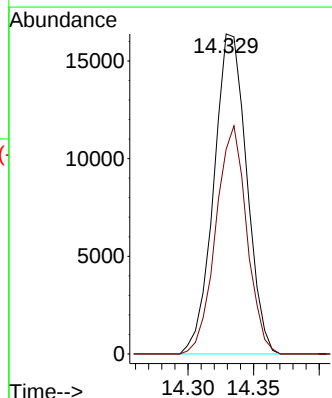
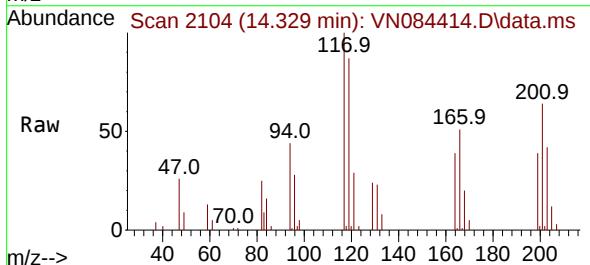
APPROVED

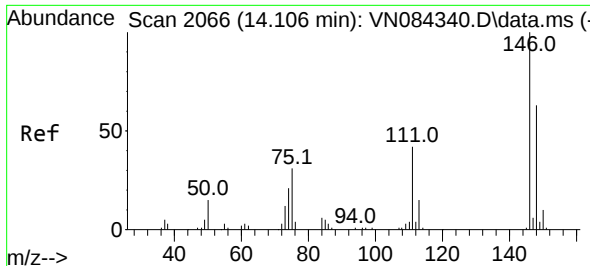
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#86
Hexachloroethane
Concen: 21.126 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Tgt Ion:117 Resp: 28608
Ion Ratio Lower Upper
117 100
201 66.9 33.9 101.6





#87

1,2-Dichlorobenzene

Concen: 21.348 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084414.D

Acq: 15 Oct 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

Tgt Ion:146 Resp: 78484

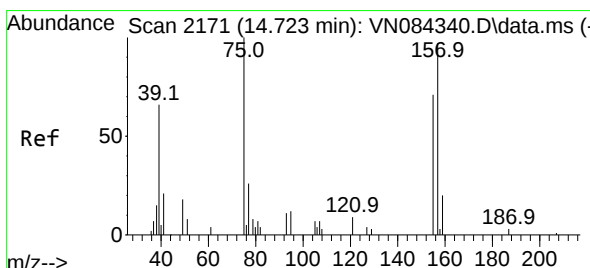
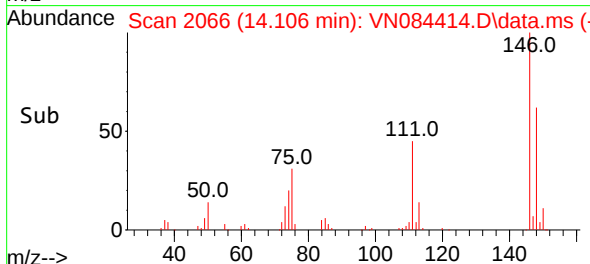
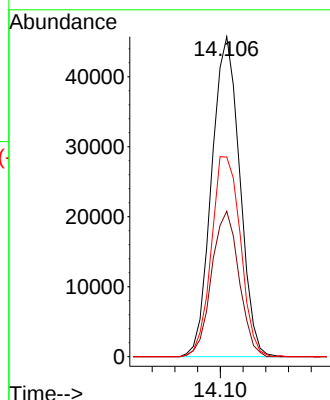
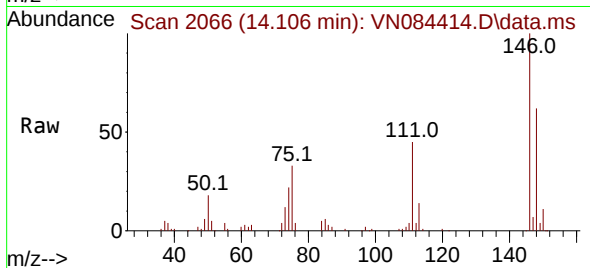
Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.9	65.5
148	64.6	31.1	93.5

Manual Integrations

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Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.416 ug/l

RT: 14.717 min Scan# 2170

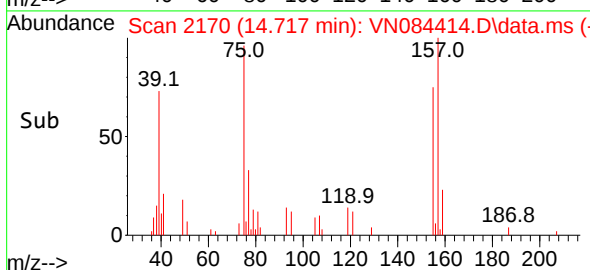
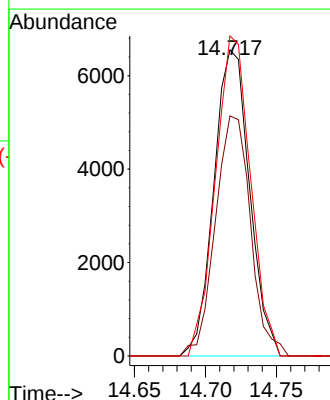
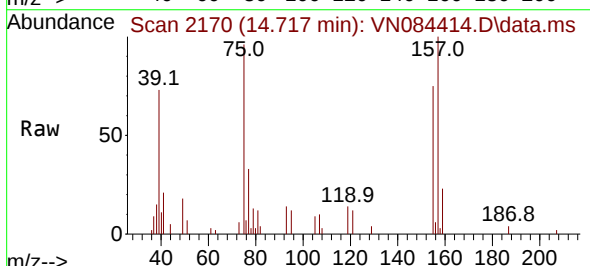
Delta R.T. -0.006 min

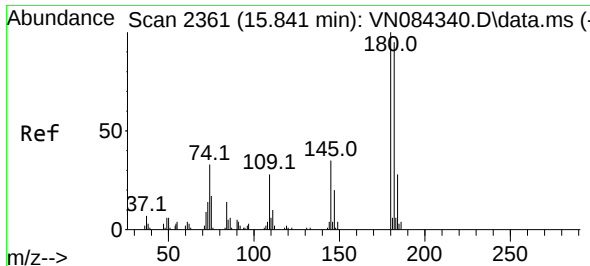
Lab File: VN084414.D

Acq: 15 Oct 2024 14:15

Tgt Ion: 75 Resp: 11440

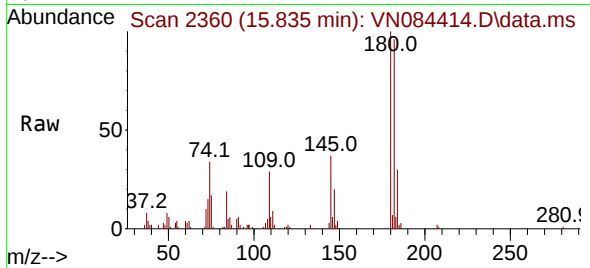
Ion	Ratio	Lower	Upper
75	100		
155	77.4	61.8	92.8
157	102.9	77.4	116.0





#89
1,2,4-Trichlorobenzene
Concen: 19.703 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

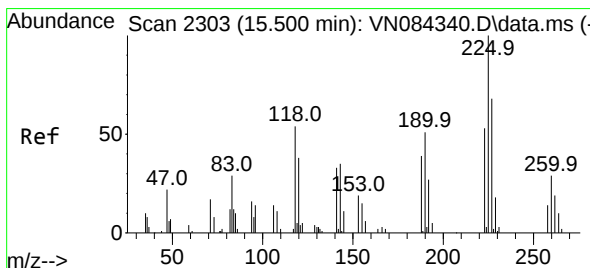
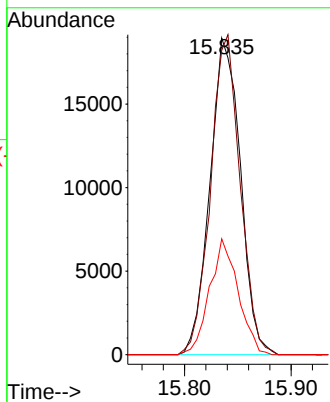
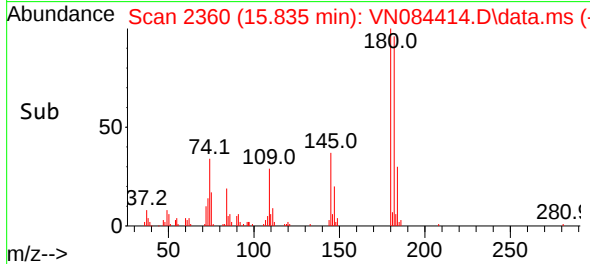
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01



Tgt Ion:180 Resp: 3766
Ion Ratio Lower Upper
180 100
182 97.9 77.8 116.6
145 34.4 28.9 43.3

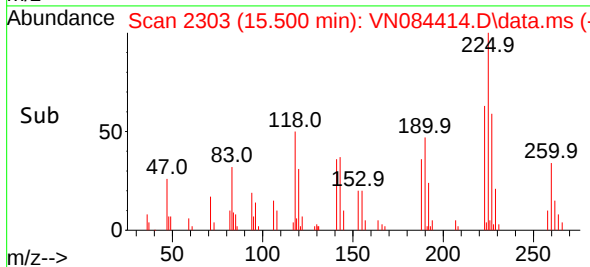
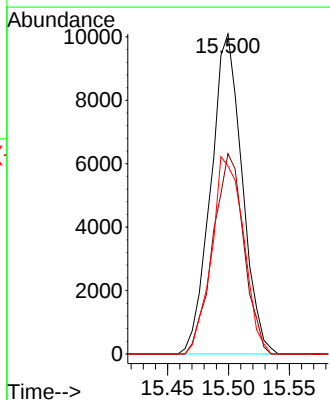
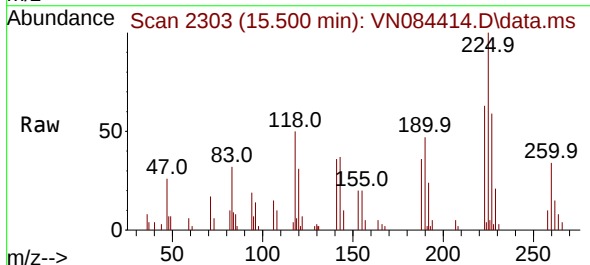
Manual Integrations
APPROVED

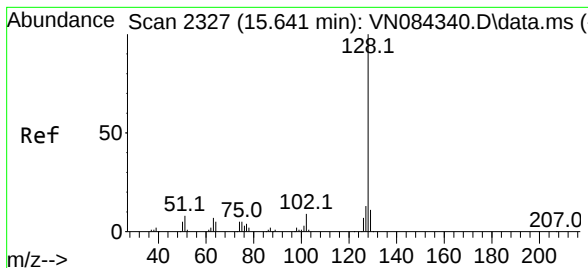
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#90
Hexachlorobutadiene
Concen: 20.417 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

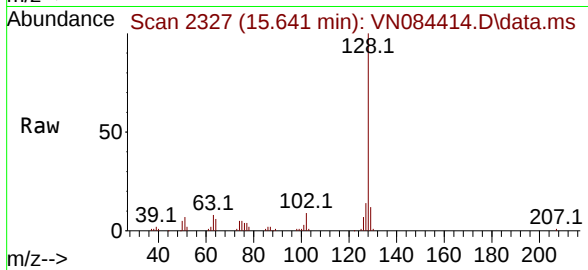
Tgt Ion:225 Resp: 18055
Ion Ratio Lower Upper
225 100
223 61.8 0.0 124.0
227 62.7 0.0 130.8





#91
Naphthalene
Concen: 18.667 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

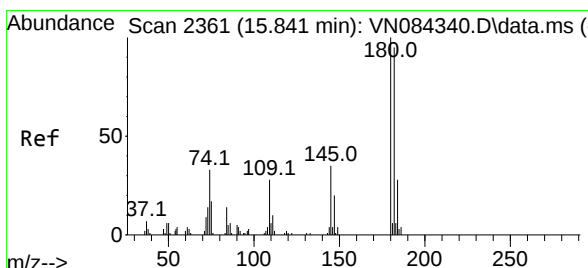
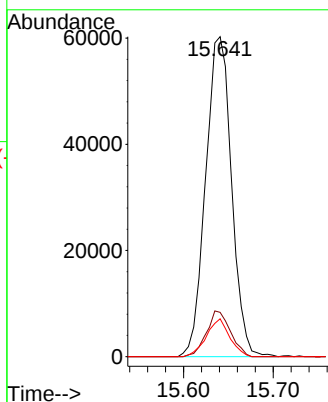
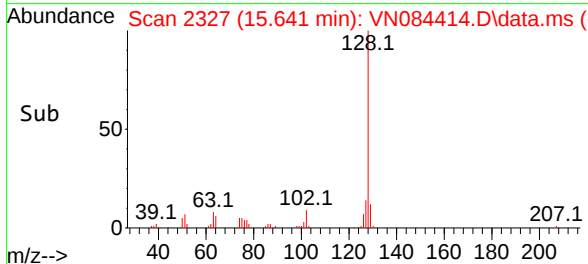
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01



Tgt Ion:128 Resp: 120915
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.703 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN084414.D
Acq: 15 Oct 2024 14:15

Tgt Ion:180 Resp: 37661
Ion Ratio Lower Upper
180 100
182 97.9 0.0 194.4
145 34.4 0.0 72.2

