

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084447.D
 Acq On : 21 Oct 2024 19:40
 Operator : JC\MD
 Sample : VN1021MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/22/2024
 Supervised By : Mahesh Dadoda 10/22/2024

Quant Time: Oct 22 01:41:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	153214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119941	52.798	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.600%			
35) Dibromofluoromethane	8.165	113	96853	54.889	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.780%			
50) Toluene-d8	10.565	98	347772	53.570	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.140%			
62) 4-Bromofluorobenzene	12.847	95	126293	53.400	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	31044	17.130	ug/l	94
3) Chloromethane	2.360	50	38091	18.408	ug/l	98
4) Vinyl Chloride	2.512	62	37105	18.511	ug/l	94
5) Bromomethane	2.954	94	24180	18.289	ug/l	92
6) Chloroethane	3.118	64	25716	17.914	ug/l	100
7) Trichlorofluoromethane	3.501	101	64466	20.654	ug/l	98
8) Diethyl Ether	3.965	74	22984	19.854	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	37154	20.774	ug/l	99
10) Methyl Iodide	4.589	142	44345	19.254	ug/l	93
11) Tert butyl alcohol	5.518	59	34592	92.348	ug/l	98
12) 1,1-Dichloroethene	4.342	96	34000	19.709	ug/l	90
13) Acrolein	4.183	56	22589	52.529	ug/l	99
14) Allyl chloride	5.030	41	54314	18.129	ug/l	97
15) Acrylonitrile	5.718	53	100956	106.727	ug/l	98
16) Acetone	4.430	43	81556	83.573	ug/l	95
17) Carbon Disulfide	4.712	76	86635	15.862	ug/l	99
18) Methyl Acetate	5.030	43	53563	25.183	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	122575	21.052	ug/l	100
20) Methylene Chloride	5.277	84	42500	21.424	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	37791	20.910	ug/l	97
22) Diisopropyl ether	6.677	45	135213	21.819	ug/l	97
23) Vinyl Acetate	6.606	43	436938	95.062	ug/l	100
24) 1,1-Dichloroethane	6.565	63	77262	22.294	ug/l	97
25) 2-Butanone	7.483	43	131430	98.883	ug/l	100
26) 2,2-Dichloropropane	7.489	77	59555	19.059	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	44955	20.584	ug/l	99
28) Bromochloromethane	7.812	49	33803	21.861	ug/l	94
29) Tetrahydrofuran	7.836	42	86918	105.967	ug/l	99
30) Chloroform	7.971	83	80961	22.490	ug/l	98
31) Cyclohexane	8.253	56	56954	16.926	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	70632	21.847	ug/l	97
36) 1,1-Dichloropropene	8.371	75	50177	19.577	ug/l	99
37) Ethyl Acetate	7.559	43	53407	20.311	ug/l	99
38) Carbon Tetrachloride	8.359	117	58475	20.798	ug/l	96
39) Methylcyclohexane	9.600	83	48684	17.067	ug/l	97
40) Benzene	8.606	78	170544	21.357	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29498	20.664	ug/l	99
42) 1,2-Dichloroethane	8.671	62	58114	21.466	ug/l	98
43) Isopropyl Acetate	8.688	43	87958	17.078	ug/l	97
44) Trichloroethene	9.353	130	39229	21.033	ug/l	98
45) 1,2-Dichloropropane	9.618	63	41637	22.041	ug/l	100
46) Dibromomethane	9.712	93	30130	23.635	ug/l	99
47) Bromodichloromethane	9.888	83	64202	22.668	ug/l	97
48) Methyl methacrylate	9.683	41	41457	20.221	ug/l	100
49) 1,4-Dioxane	9.700	88	15290	405.091	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	272933	109.036	ug/l	99
52) Toluene	10.630	92	104987	21.560	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	59179	20.498	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	66208	21.320	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	41498	23.771	ug/l	98
56) Ethyl methacrylate	10.877	69	59541	20.728	ug/l	95
57) 1,3-Dichloropropane	11.165	76	69580	22.306	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	130592	98.004	ug/l	98
59) 2-Hexanone	11.194	43	198628	106.168	ug/l	100
60) Dibromochloromethane	11.359	129	47604	23.079	ug/l	100
61) 1,2-Dibromoethane	11.471	107	40151	22.135	ug/l	100
64) Tetrachloroethene	11.100	164	34220	20.208	ug/l	98
65) Chlorobenzene	11.888	112	112813	20.928	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	40487	21.806	ug/l	99
67) Ethyl Benzene	11.965	91	188635	19.788	ug/l	98
68) m/p-Xylenes	12.071	106	144299	40.921	ug/l	100
69) o-Xylene	12.400	106	69484	20.827	ug/l	99
70) Styrene	12.412	104	120261	21.281	ug/l	98
71) Bromoform	12.576	173	30297	22.164	ug/l #	98
73) Isopropylbenzene	12.694	105	173563	19.389	ug/l	100
74) N-amyl acetate	12.494	43	76010	18.751	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	58918	21.889	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	46870m	19.571	ug/l	
77) Bromobenzene	12.982	156	44726	20.714	ug/l	96
78) n-propylbenzene	13.035	91	205245	19.789	ug/l	99
79) 2-Chlorotoluene	13.124	91	131350	19.847	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	151156	20.701	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19831	19.852	ug/l	93
82) 4-Chlorotoluene	13.218	91	134066	20.123	ug/l	99
83) tert-Butylbenzene	13.435	119	121396	18.705	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	153655	20.889	ug/l	99
85) sec-Butylbenzene	13.618	105	172423	19.909	ug/l	99
86) p-Isopropyltoluene	13.729	119	140792	19.660	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	81350	20.083	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	80418	19.659	ug/l	98
89) n-Butylbenzene	14.053	91	115585	17.800	ug/l	99
90) Hexachloroethane	14.335	117	28418	19.549	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	81360	20.484	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	10494	18.893	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	35935	18.368	ug/l	99
94) Hexachlorobutadiene	15.500	225	16329	16.737	ug/l	97
95) Naphthalene	15.641	128	106767	16.462	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	36255	18.513	ug/l	99

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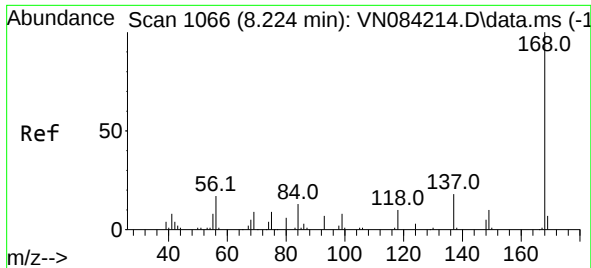
Manual Integrations
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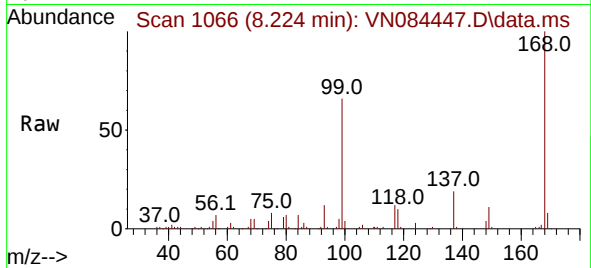
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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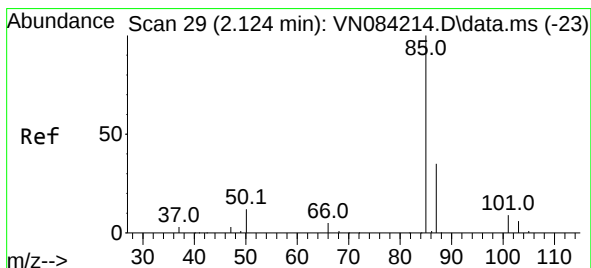
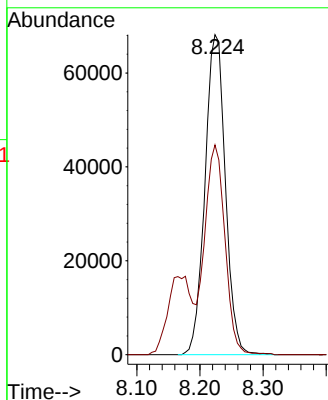
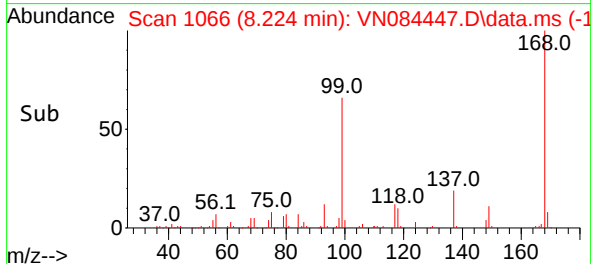
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Tgt Ion:168 Resp: 153214
Ion Ratio Lower Upper
168 100
99 65.5 54.2 81.2

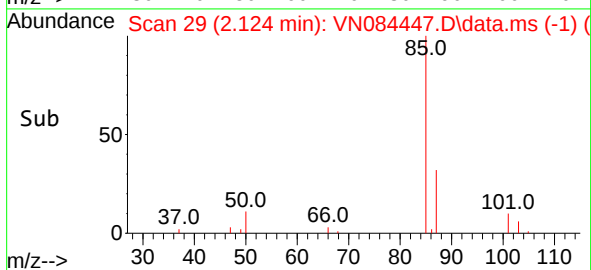
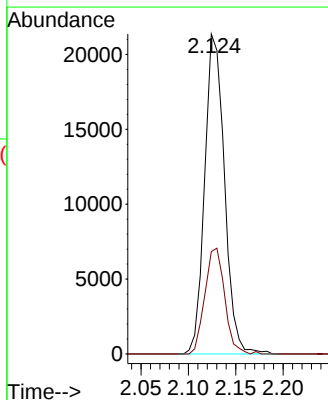
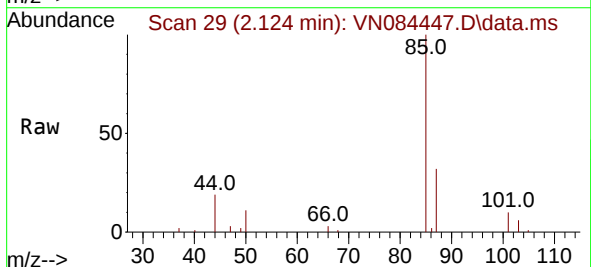
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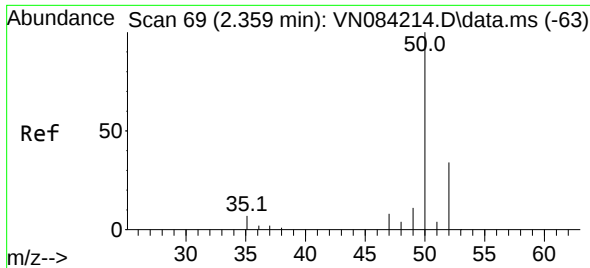
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#2
Dichlorodifluoromethane
Concen: 17.130 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Tgt Ion: 85 Resp: 31044
Ion Ratio Lower Upper
85 100
87 32.0 17.6 52.9





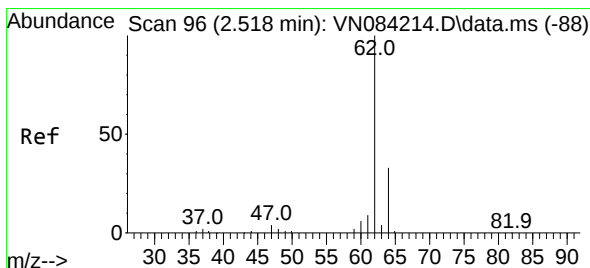
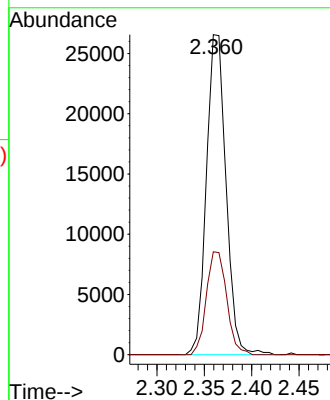
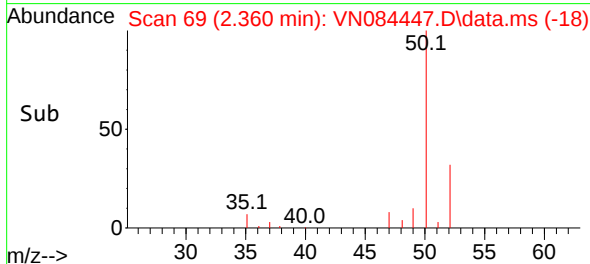
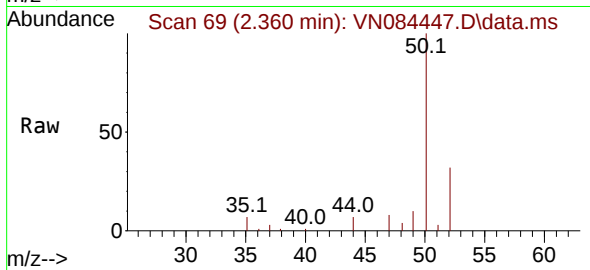
#3
Chloromethane
Concen: 18.408 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084447.D
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Tgt Ion: 50 Resp: 3809
Ion Ratio Lower Upper
50 100
52 32.1 26.8 40.2

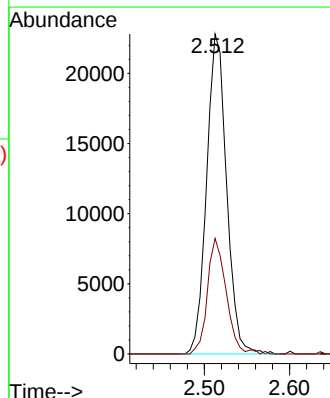
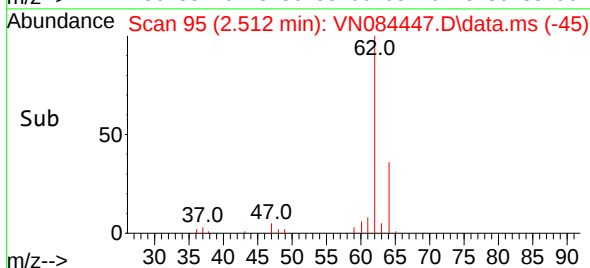
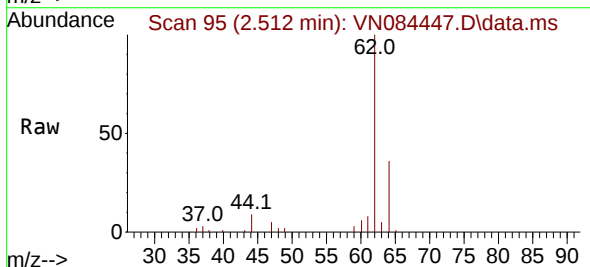
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#4
Vinyl Chloride
Concen: 18.511 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

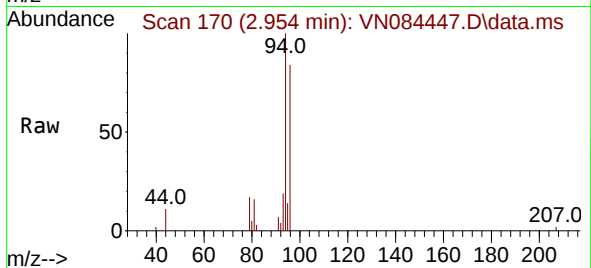
Tgt Ion: 62 Resp: 37105
Ion Ratio Lower Upper
62 100
64 36.1 26.2 39.4





#5
Bromomethane
Concen: 18.289 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

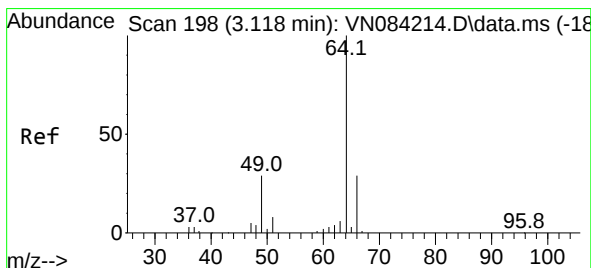
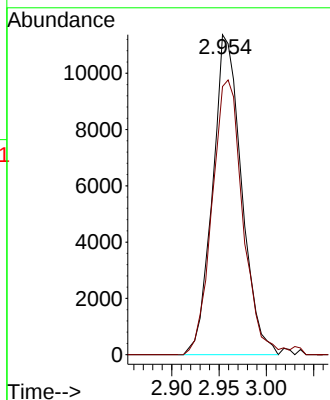
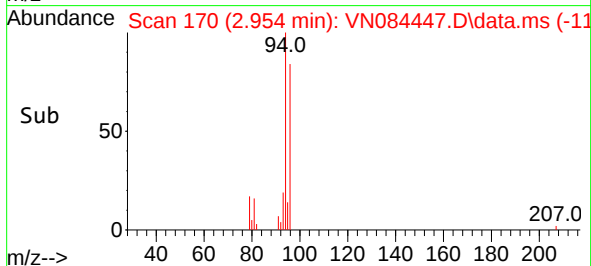
Instrument :
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Tgt Ion: 94 Resp: 24180
Ion Ratio Lower Upper
94 100
96 83.8 72.9 109.3

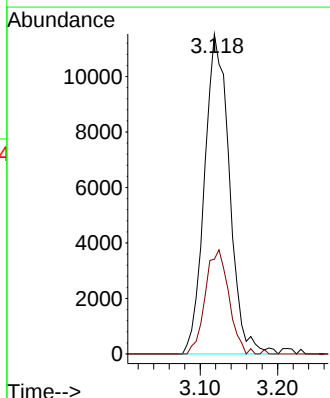
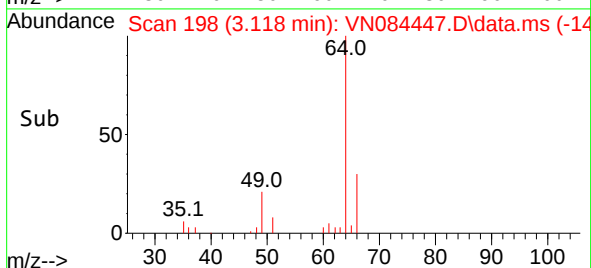
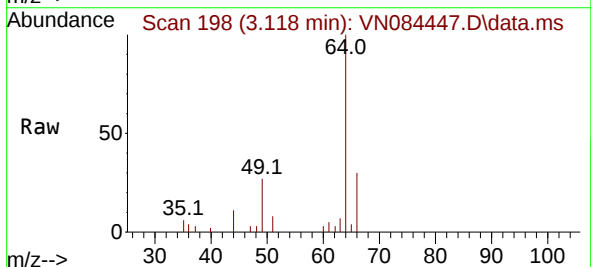
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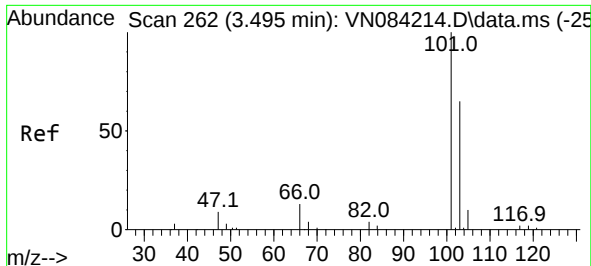
Reviewed By :John Carlone 10/22/2024
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#6
Chloroethane
Concen: 17.914 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Tgt Ion: 64 Resp: 25716
Ion Ratio Lower Upper
64 100
66 29.6 23.5 35.3





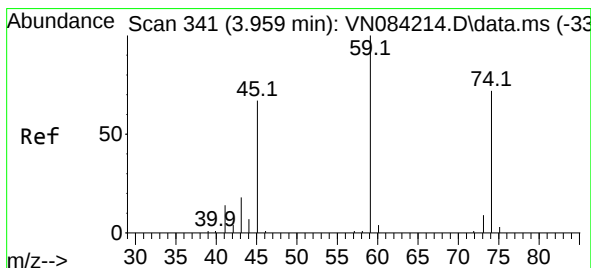
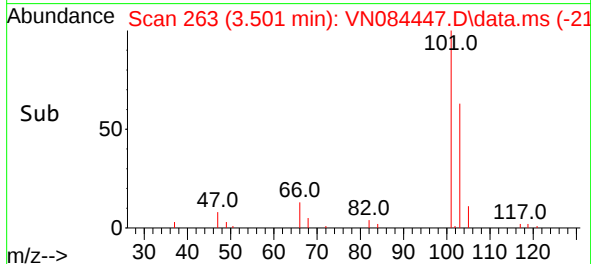
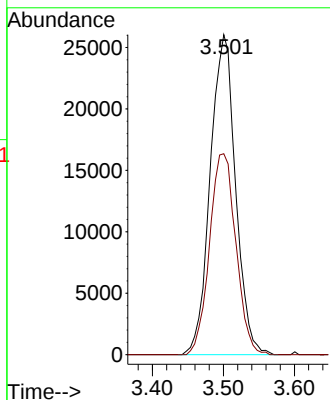
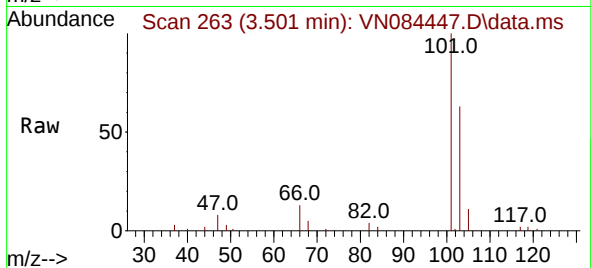
#7
Trichlorofluoromethane
Concen: 20.654 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Instrument :
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ClientSampleId :
VN1021MBS02

Tgt Ion:101 Resp: 6446
Ion Ratio Lower Upper
101 100
103 62.8 51.8 77.6

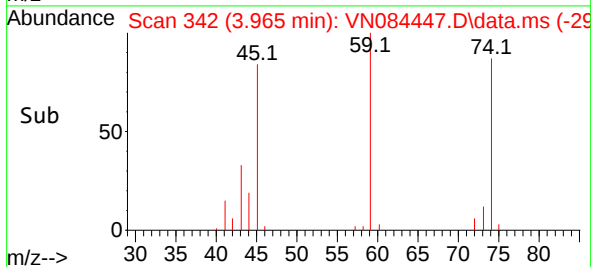
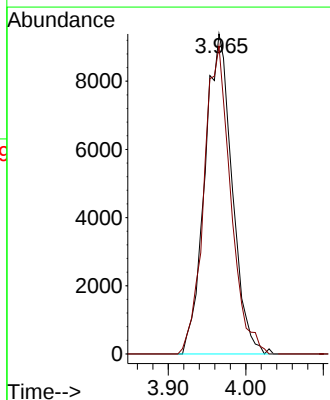
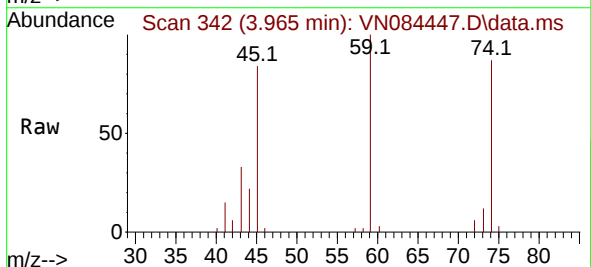
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#8
Diethyl Ether
Concen: 19.854 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Tgt Ion: 74 Resp: 22984
Ion Ratio Lower Upper
74 100
45 93.9 47.7 143.1





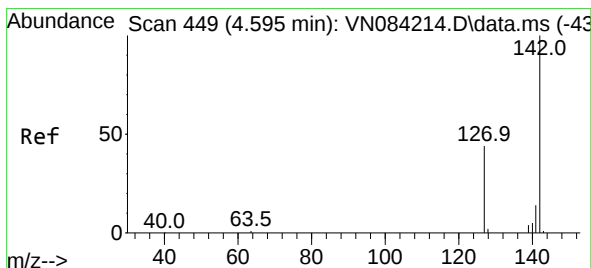
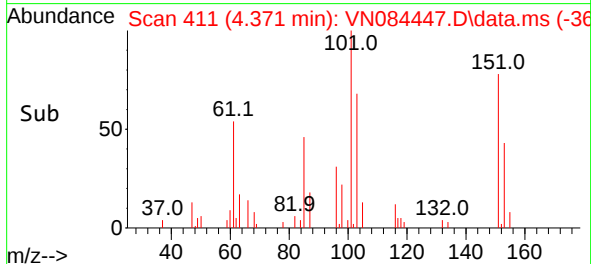
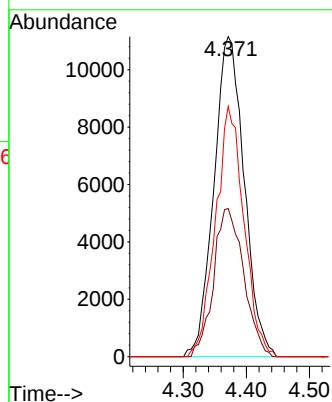
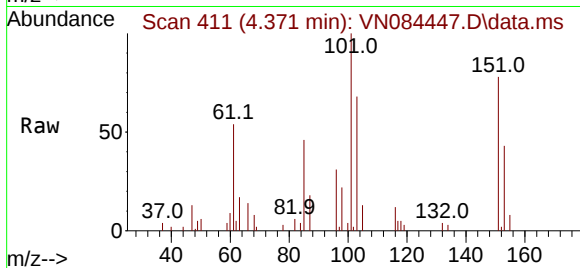
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.774 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN084447.D
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Tgt Ion:101 Resp: 37154
Ion Ratio Lower Upper
101 100
85 46.0 36.2 54.4
151 73.4 59.3 88.9

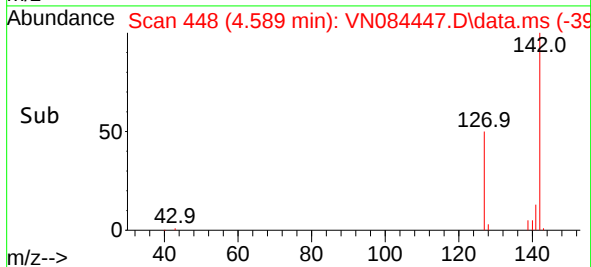
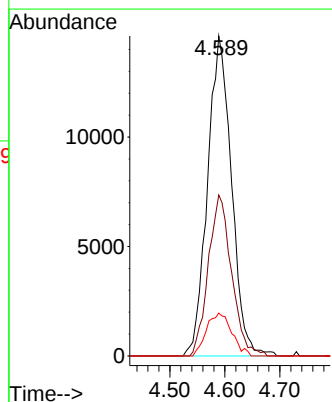
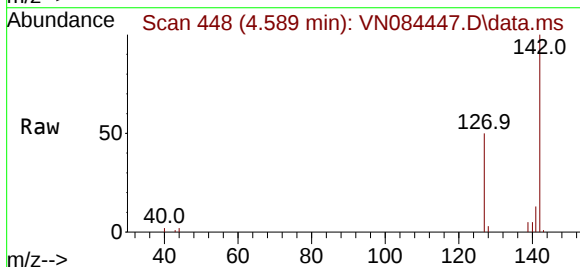
Manual Integrations
APPROVED

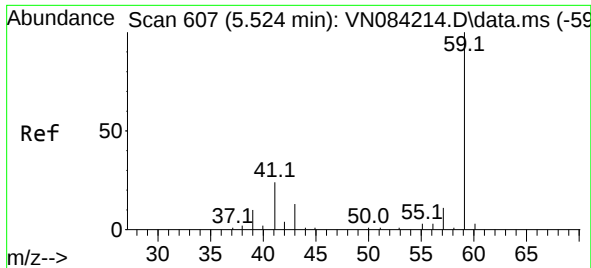
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#10
Methyl Iodide
Concen: 19.254 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Tgt Ion:142 Resp: 44345
Ion Ratio Lower Upper
142 100
127 50.3 35.3 52.9
141 13.4 11.0 16.6





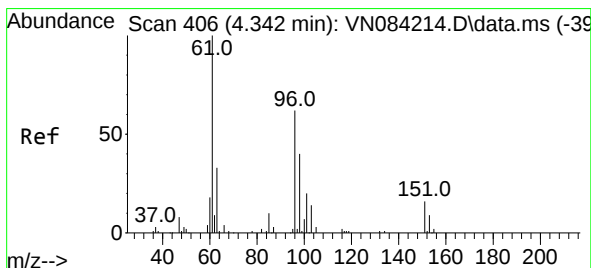
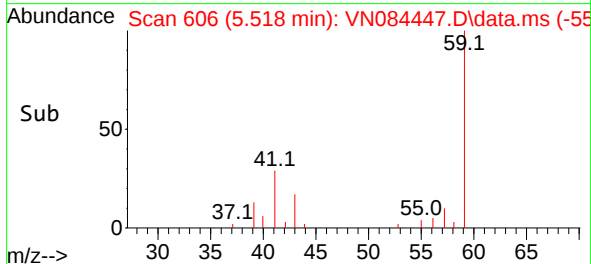
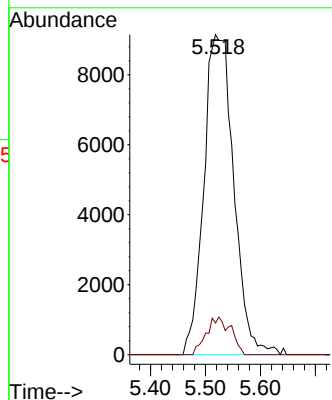
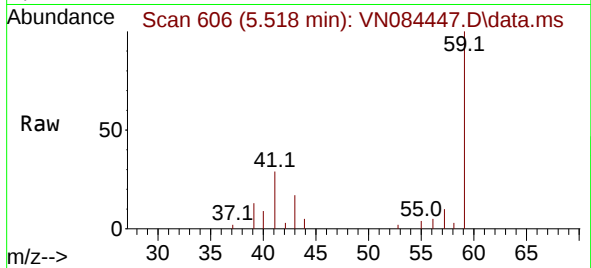
#11
Tert butyl alcohol
Concen: 92.348 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02

Tgt Ion: 59 Resp: 34592
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2

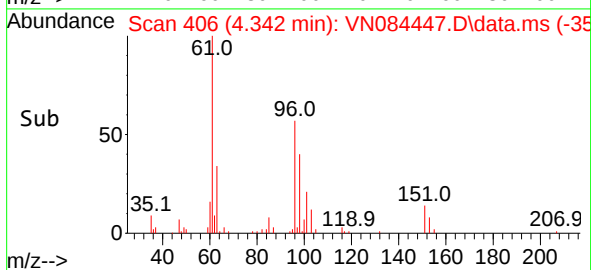
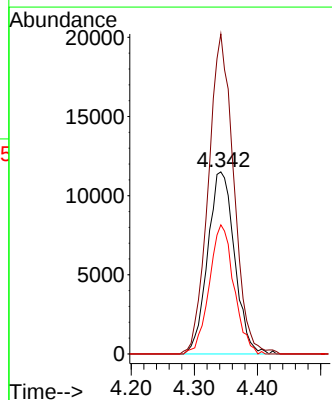
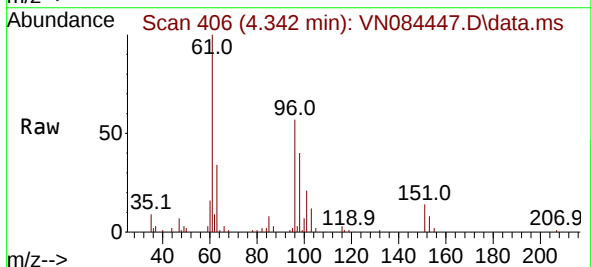
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#12
1,1-Dichloroethene
Concen: 19.709 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Tgt Ion: 96 Resp: 34000
Ion Ratio Lower Upper
96 100
61 175.7 128.6 192.8
98 70.9 51.7 77.5





#13

Acrolein

Concen: 52.529 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN084447.D

Acq: 21 Oct 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

VN1021MBS02

Tgt Ion: 56 Resp: 22589

Ion Ratio Lower Upper

56 100

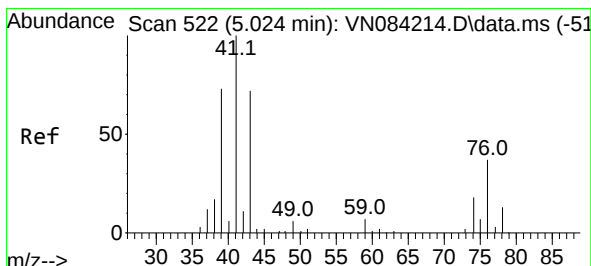
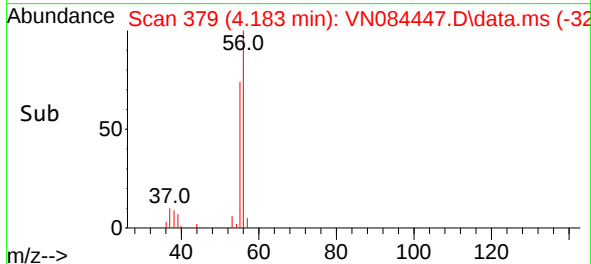
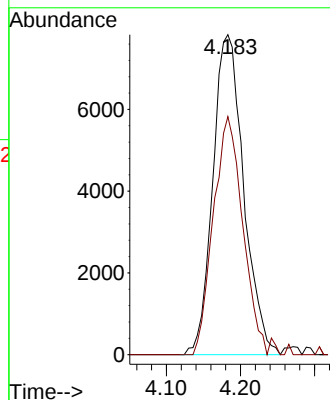
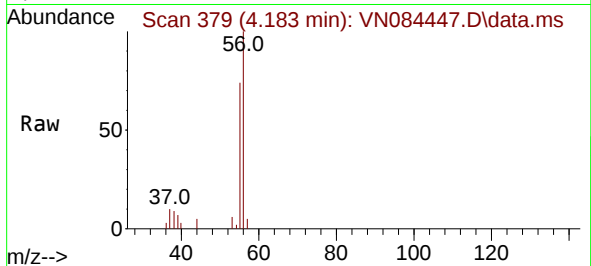
55 70.9 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#14

Allyl chloride

Concen: 18.129 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN084447.D

Acq: 21 Oct 2024 19:40

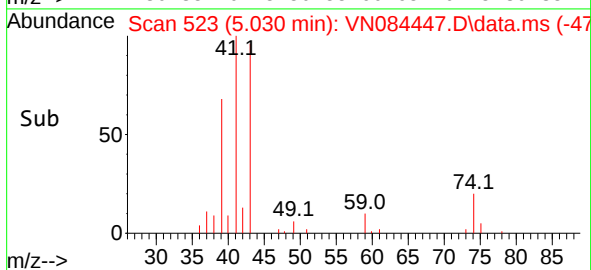
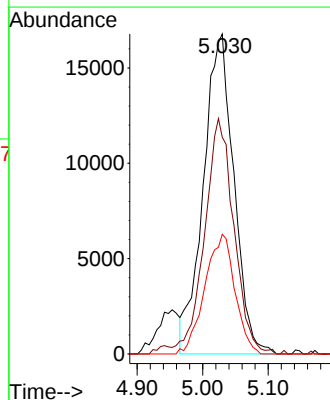
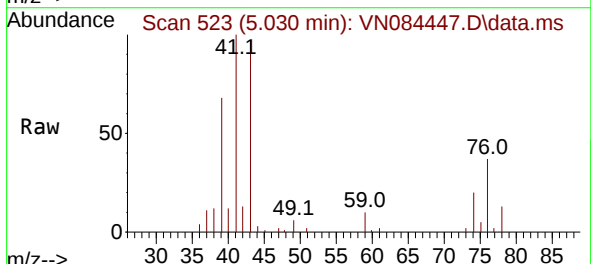
Tgt Ion: 41 Resp: 54314

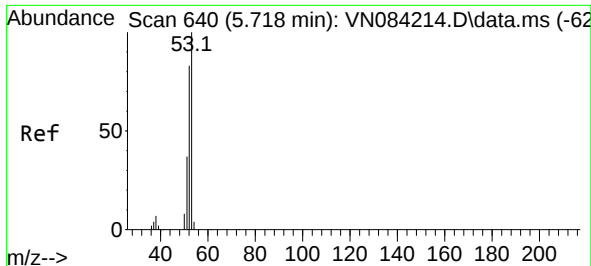
Ion Ratio Lower Upper

41 100

39 70.6 59.0 88.6

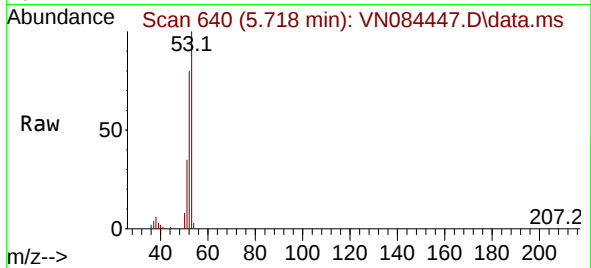
76 36.7 29.8 44.6





#15
Acrylonitrile
Concen: 106.727 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

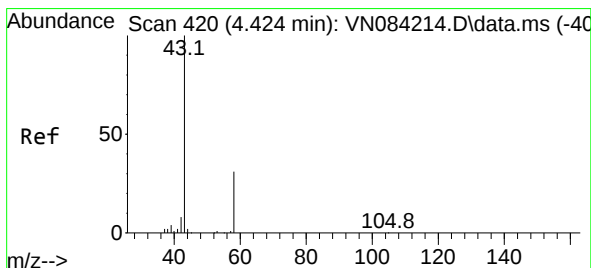
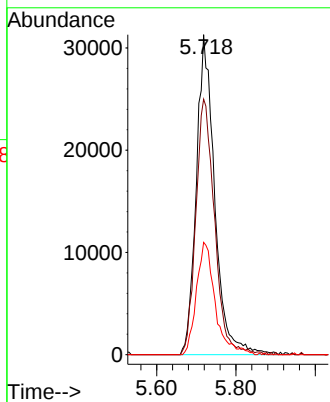
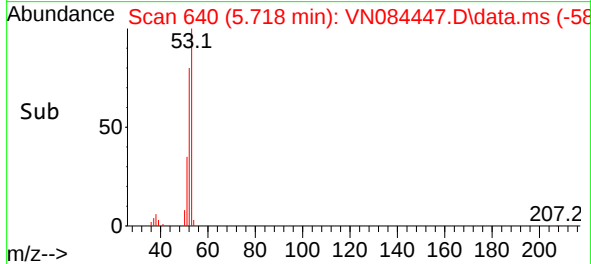
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



Tgt Ion: 53 Resp: 100950
Ion Ratio Lower Upper
53 100
52 81.5 66.2 99.4
51 35.0 28.8 43.2

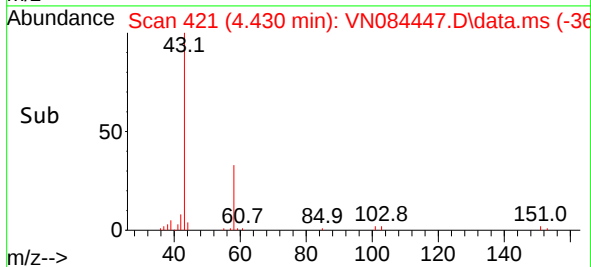
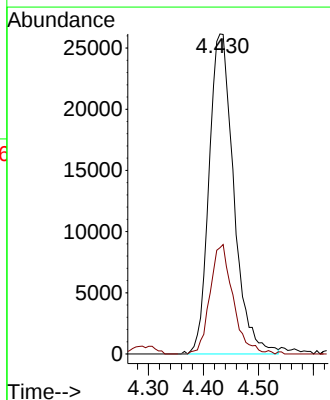
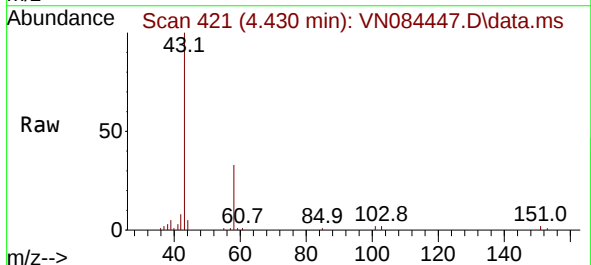
Manual Integrations
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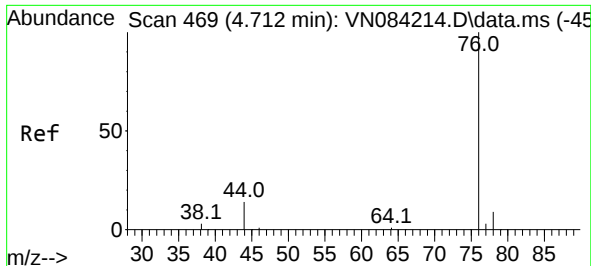
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#16
Acetone
Concen: 83.573 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

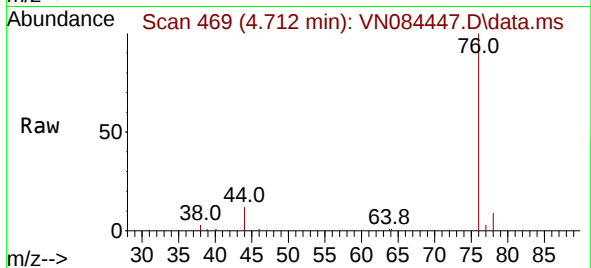
Tgt Ion: 43 Resp: 81556
Ion Ratio Lower Upper
43 100
58 33.2 24.4 36.6





#17
Carbon Disulfide
Concen: 15.862 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

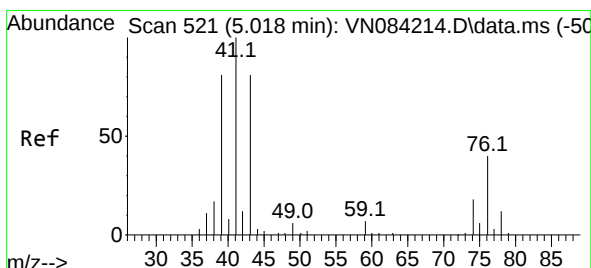
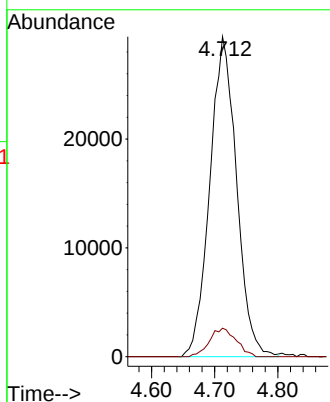
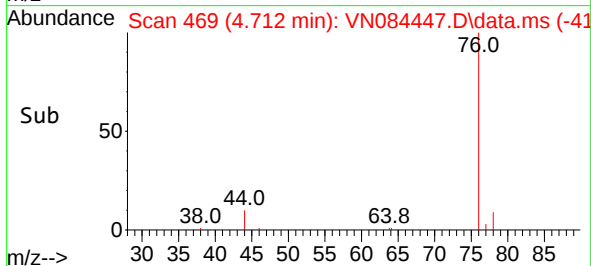
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



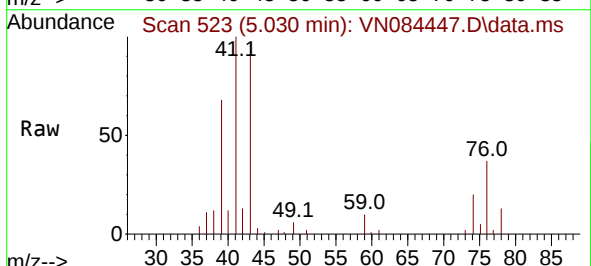
Tgt Ion: 76 Resp: 8663
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

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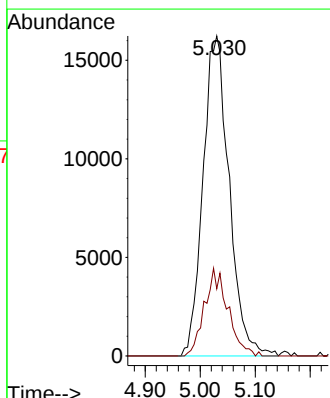
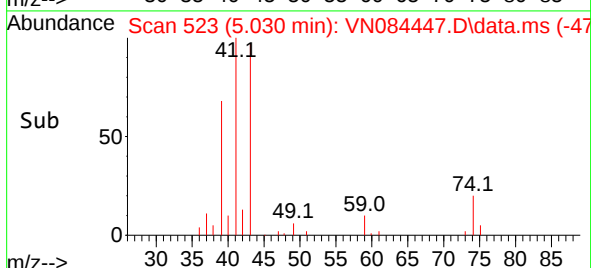
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

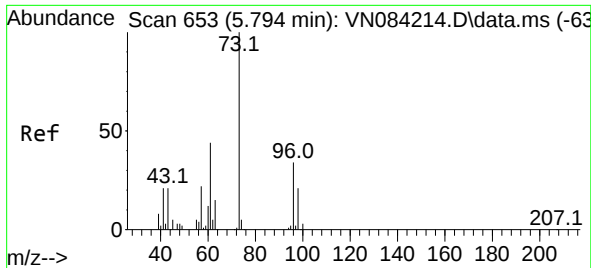


#18
Methyl Acetate
Concen: 25.183 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40



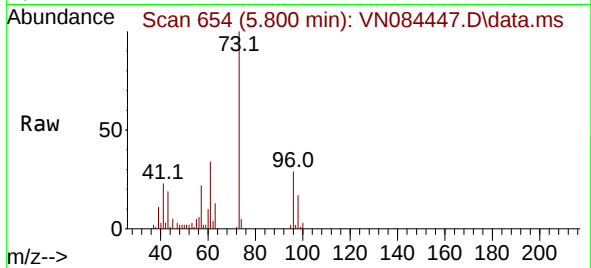
Tgt Ion: 43 Resp: 53563
Ion Ratio Lower Upper
43 100
74 24.5 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 21.052 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

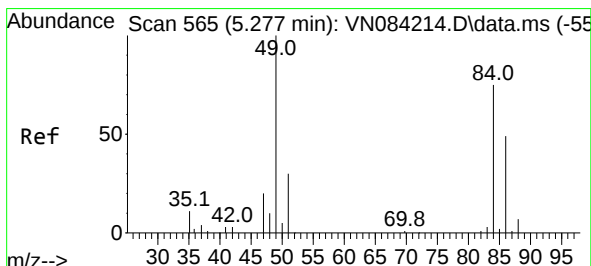
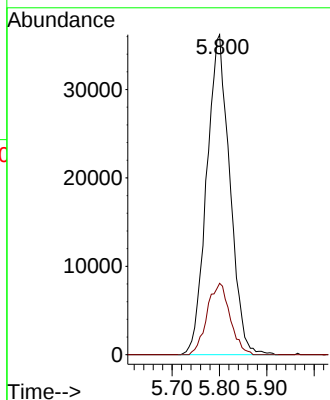
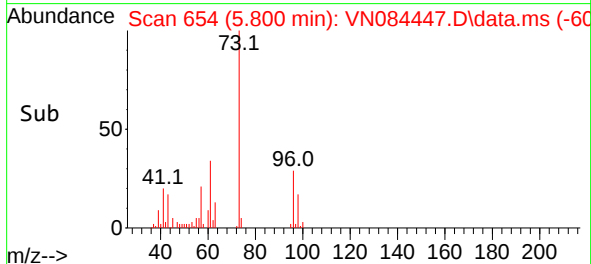
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



Tgt Ion: 73 Resp: 122579
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5

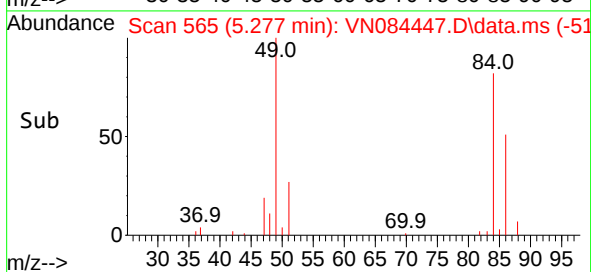
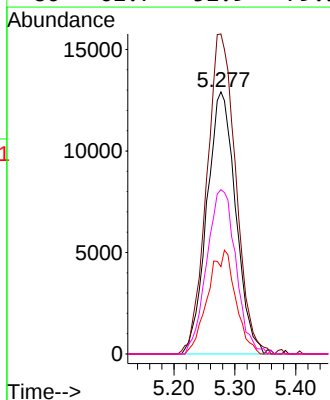
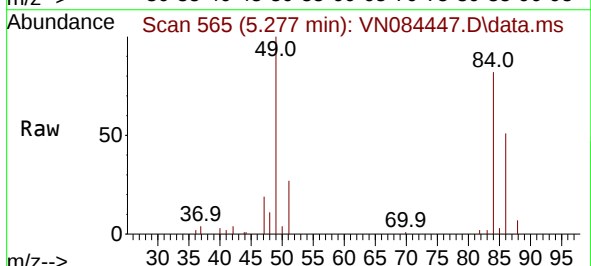
Manual Integrations
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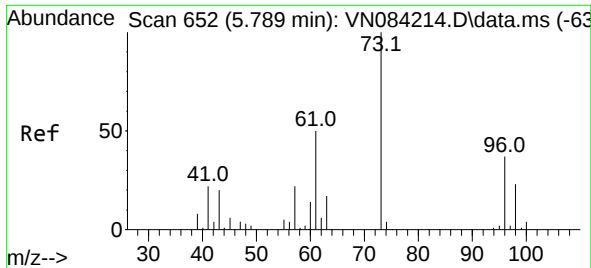
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#20
Methylene Chloride
Concen: 21.424 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Tgt Ion: 84 Resp: 42500
Ion Ratio Lower Upper
84 100
49 122.1 107.2 160.8
51 33.3 31.8 47.8
86 62.7 52.9 79.3





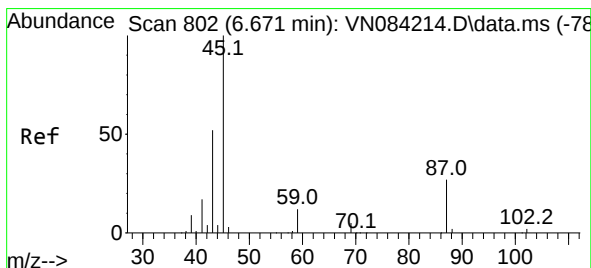
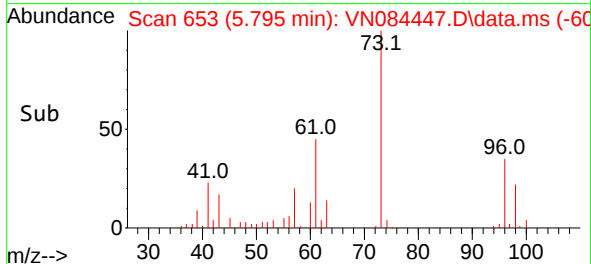
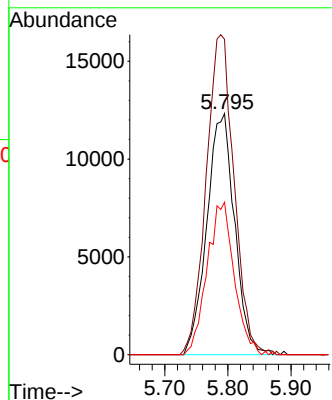
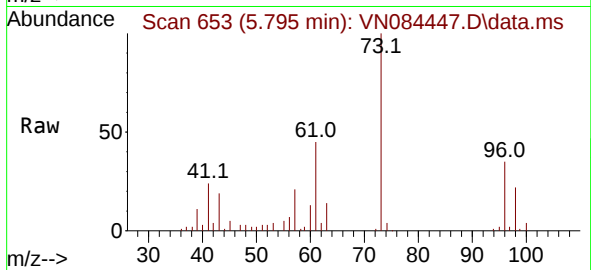
#21
trans-1,2-Dichloroethene
Concen: 20.910 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02

Tgt Ion: 96 Resp: 3779
Ion Ratio Lower Upper
96 100
61 130.8 108.4 162.6
98 63.3 49.8 74.8

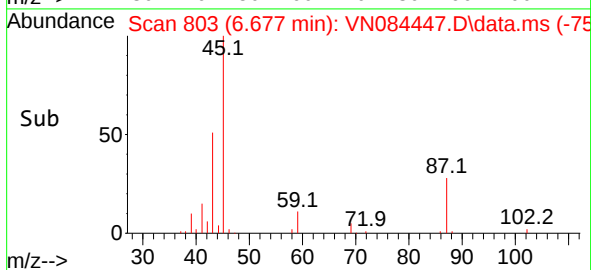
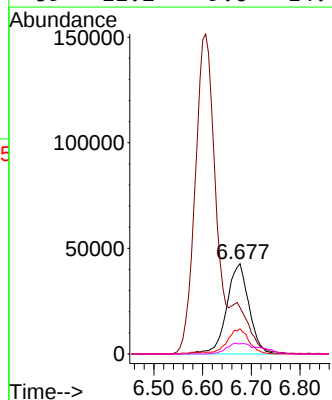
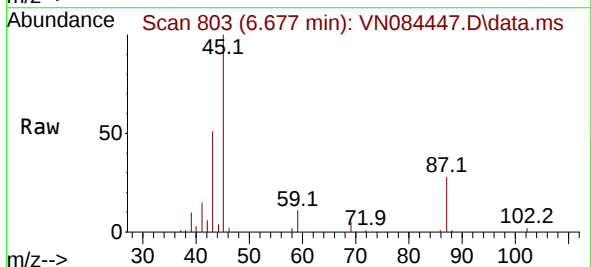
Manual Integrations
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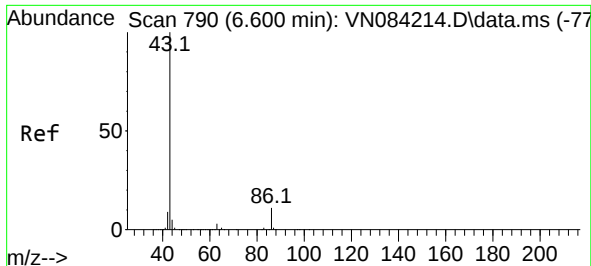
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#22
Diisopropyl ether
Concen: 21.819 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

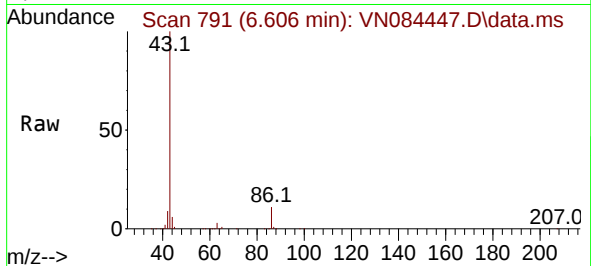
Tgt Ion: 45 Resp: 135213
Ion Ratio Lower Upper
45 100
43 49.8 42.3 63.5
87 27.8 21.8 32.6
59 11.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 95.062 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN084447.D
 Acq: 21 Oct 2024 19:40

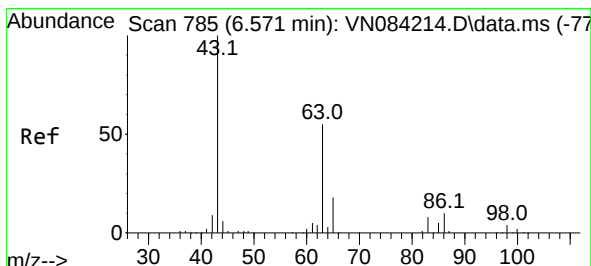
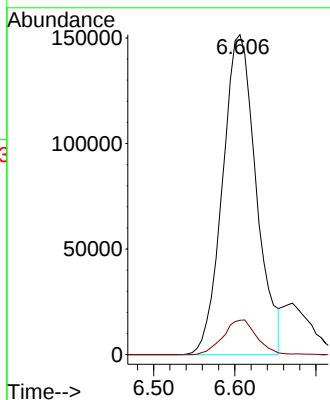
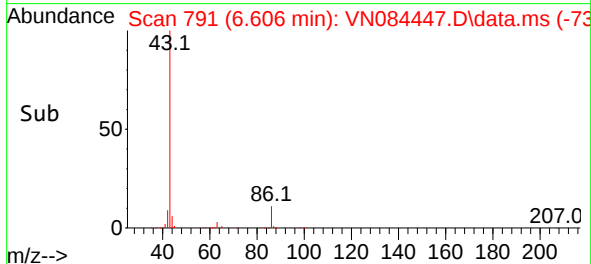
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021MBS02



Tgt Ion: 43 Resp: 436938
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8

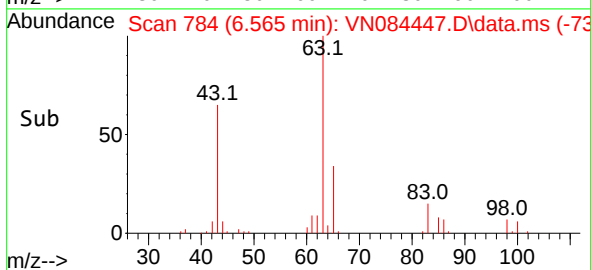
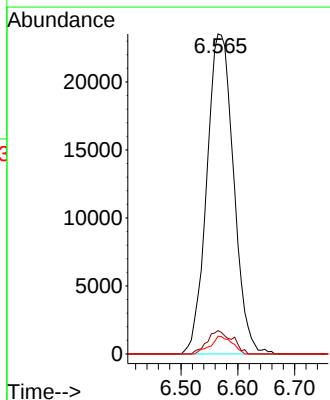
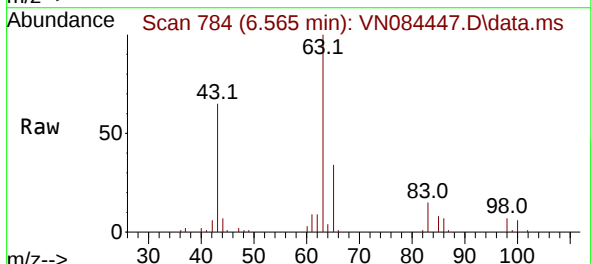
Manual Integrations
 APPROVED

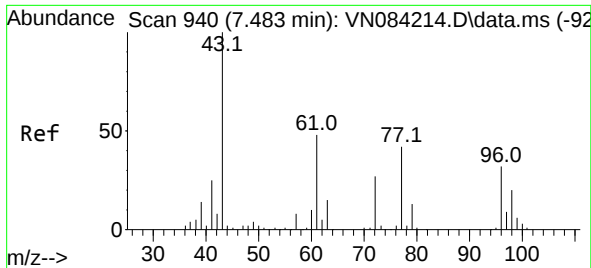
Reviewed By :John Carlone 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024



#24
 1,1-Dichloroethane
 Concen: 22.294 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN084447.D
 Acq: 21 Oct 2024 19:40

Tgt Ion: 63 Resp: 77262
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 5.5 2.0 5.8





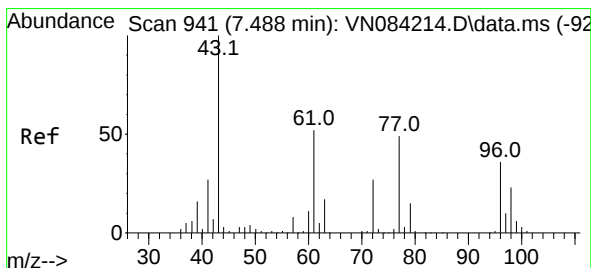
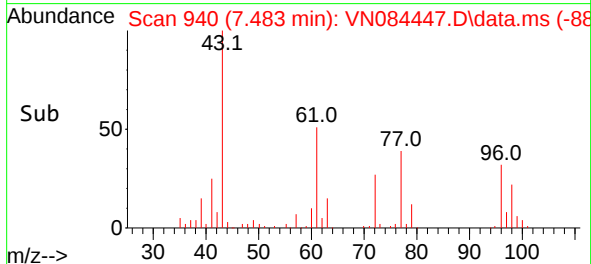
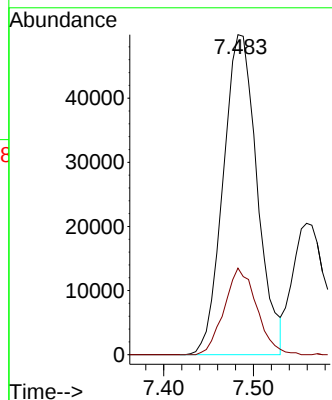
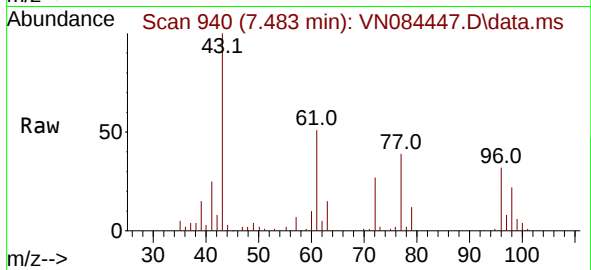
#25
2-Butanone
Concen: 98.883 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02

Tgt Ion: 43 Resp: 131430
Ion Ratio Lower Upper
43 100
72 27.1 21.4 32.2

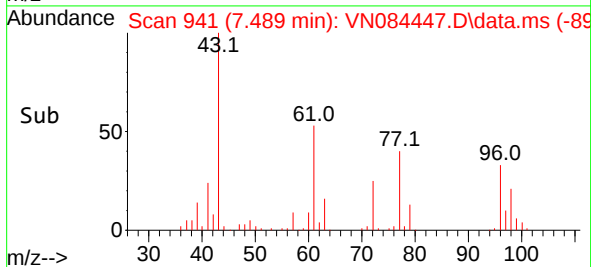
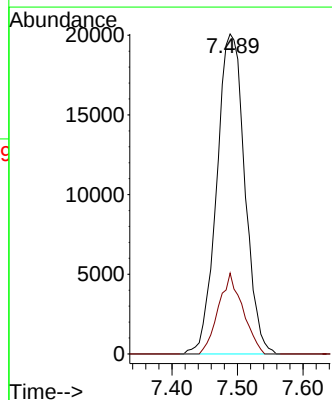
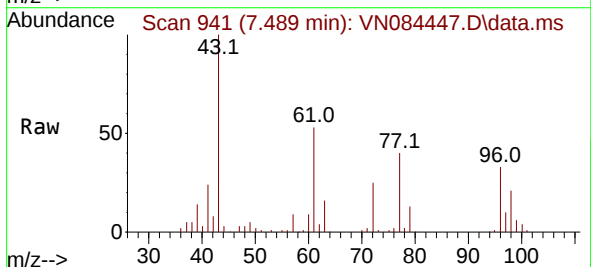
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#26
2,2-Dichloropropane
Concen: 19.059 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

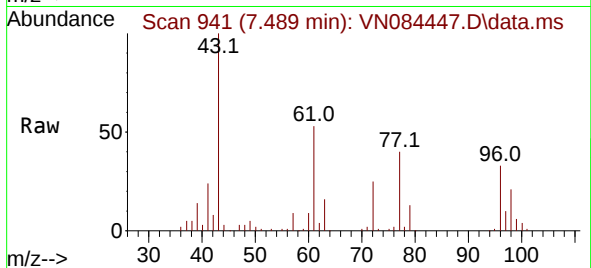
Tgt Ion: 77 Resp: 59555
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 20.584 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN084447.D
 Acq: 21 Oct 2024 19:40

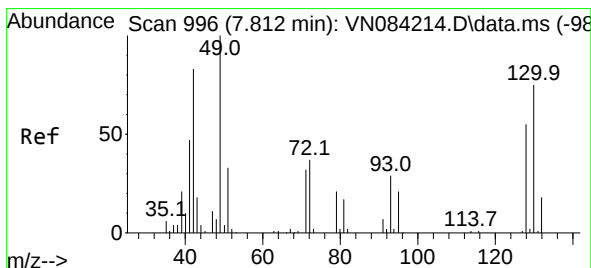
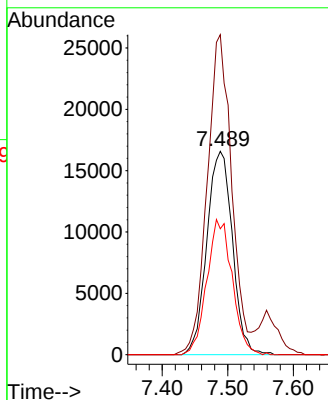
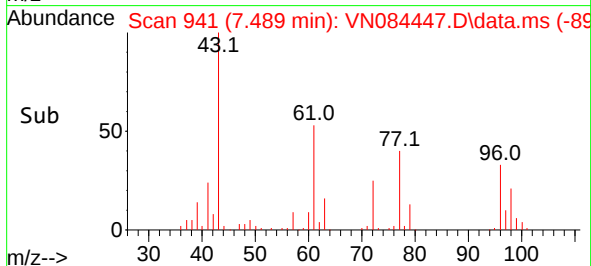
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021MBS02



Tgt Ion: 96 Resp: 4495
 Ion Ratio Lower Upper
 96 100
 61 150.5 0.0 301.8
 98 65.9 0.0 128.2

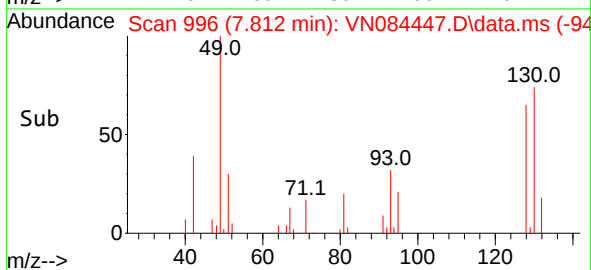
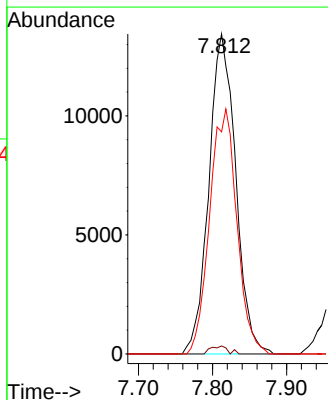
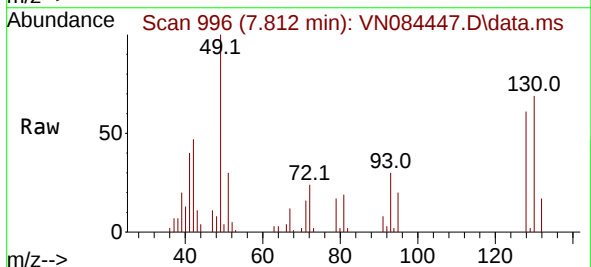
Manual Integrations
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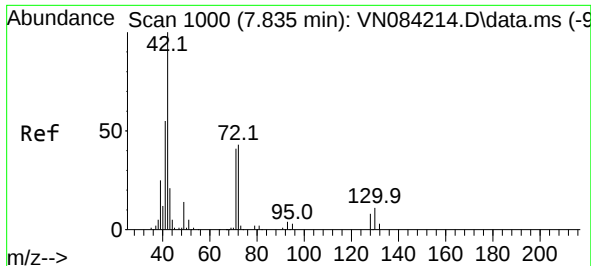
Reviewed By :John Carlone 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024



#28
 Bromochloromethane
 Concen: 21.861 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN084447.D
 Acq: 21 Oct 2024 19:40

Tgt Ion: 49 Resp: 33803
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.6
 130 77.5 58.0 87.0





#29

Tetrahydrofuran

Concen: 105.967 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN084447.D

Acq: 21 Oct 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

VN1021MBS02

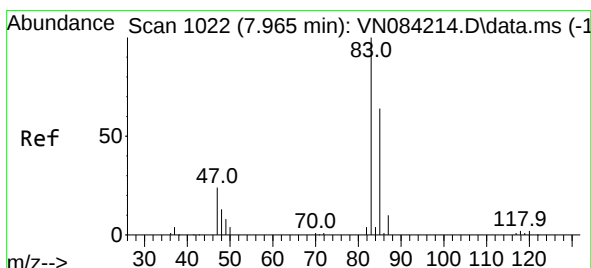
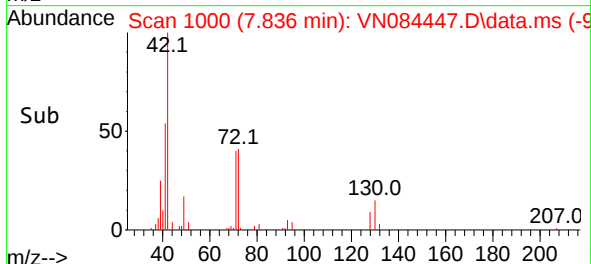
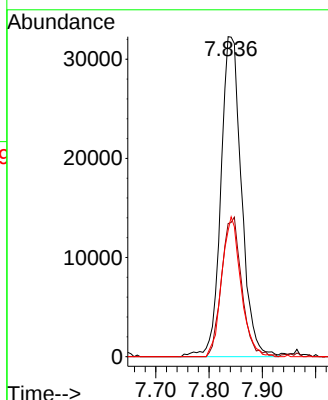
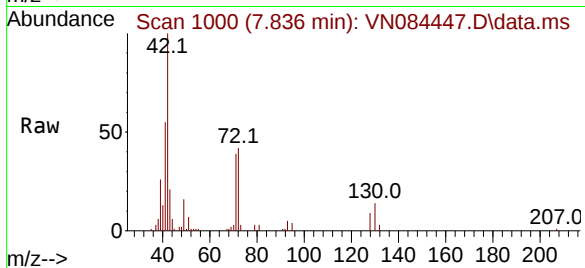
Tgt Ion:	42	Resp:	86918
Ion Ratio	Lower	Upper	
42	100		
72	42.4	34.6	51.8
71	40.8	32.2	48.4

Manual Integrations

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Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#30

Chloroform

Concen: 22.490 ug/l

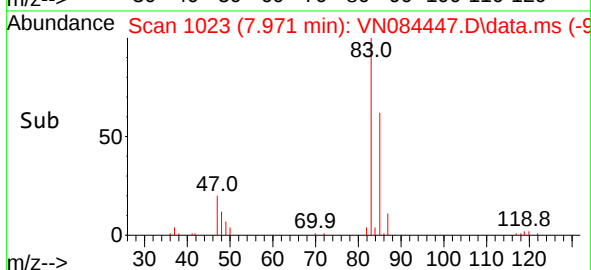
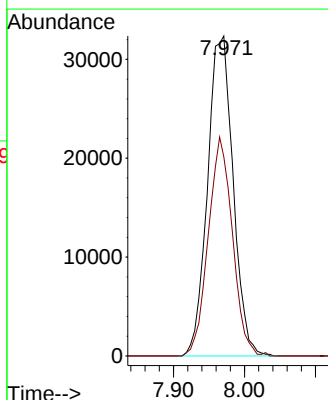
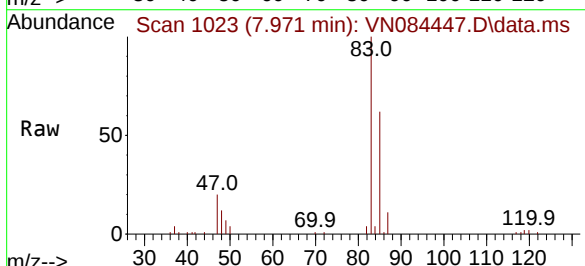
RT: 7.971 min Scan# 1023

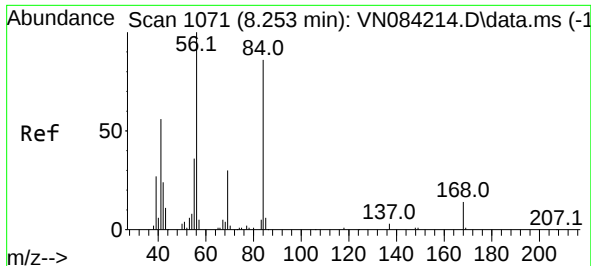
Delta R.T. 0.006 min

Lab File: VN084447.D

Acq: 21 Oct 2024 19:40

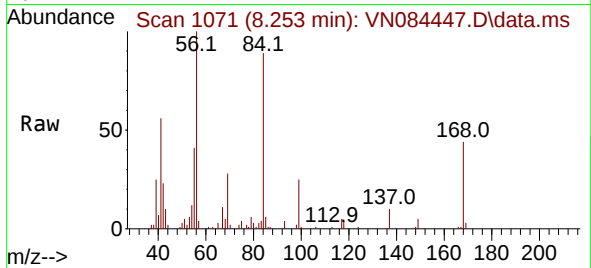
Tgt Ion:	83	Resp:	80961
Ion Ratio	Lower	Upper	
83	100		
85	62.2	51.0	76.4





#31
Cyclohexane
Concen: 16.926 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

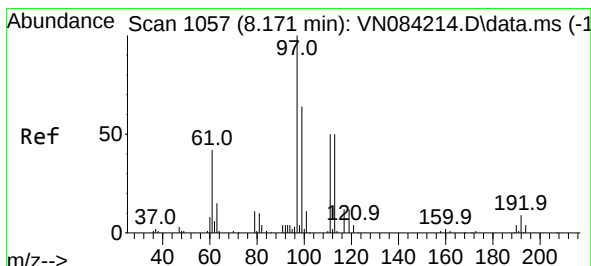
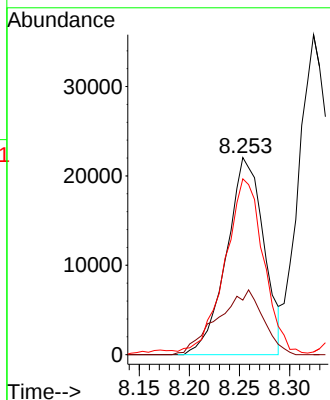
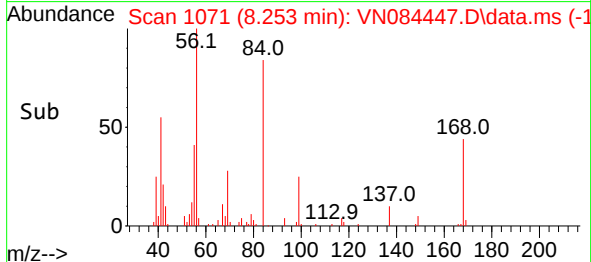
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



Tgt Ion: 56 Resp: 56954
Ion Ratio Lower Upper
56 100
69 26.7 23.8 35.6
84 87.6 68.8 103.2

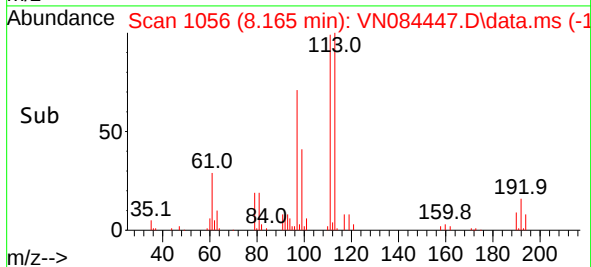
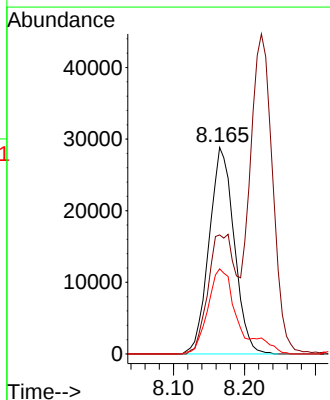
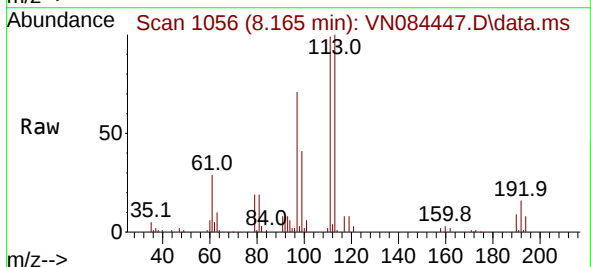
Manual Integrations
APPROVED

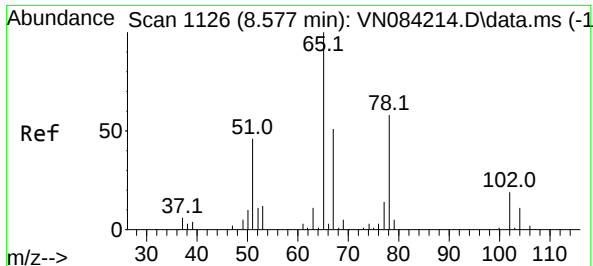
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#32
1,1,1-Trichloroethane
Concen: 21.847 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

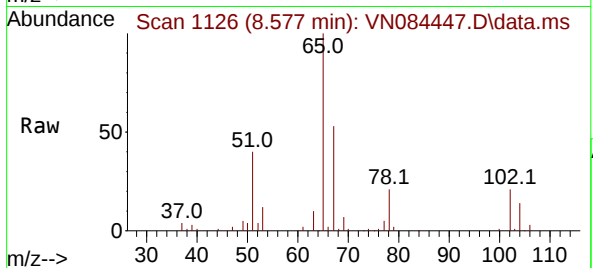
Tgt Ion: 97 Resp: 70632
Ion Ratio Lower Upper
97 100
99 65.2 51.2 76.8
61 43.4 37.5 56.3





#33
1,2-Dichloroethane-d4
Concen: 52.798 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

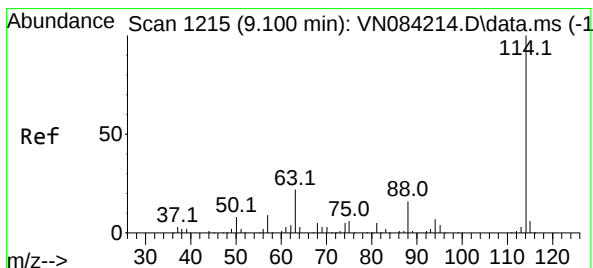
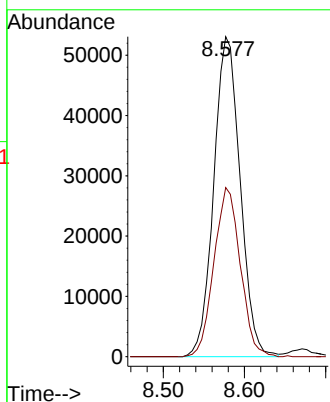
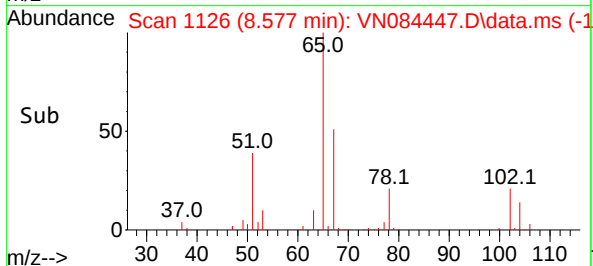
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



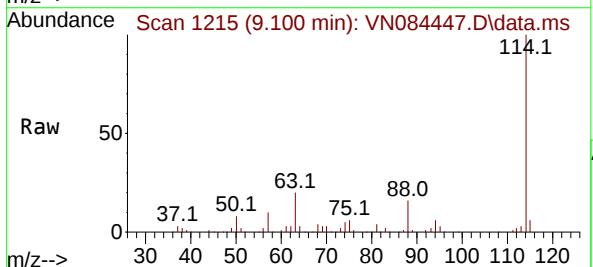
Tgt Ion: 65 Resp: 11994
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.0

Manual Integrations
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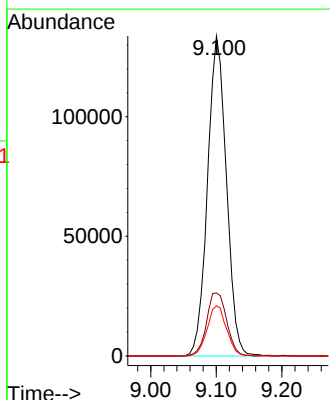
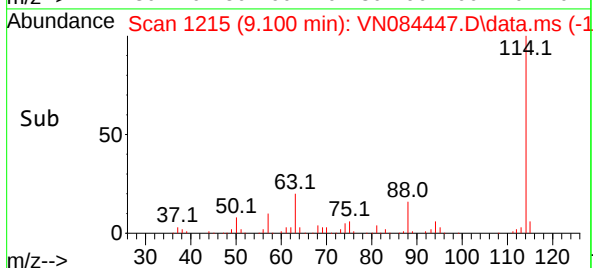
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40



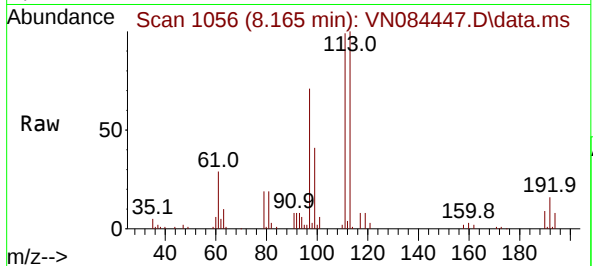
Tgt Ion:114 Resp: 267652
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.8
88 15.6 0.0 31.6





#35
Dibromofluoromethane
Concen: 54.889 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

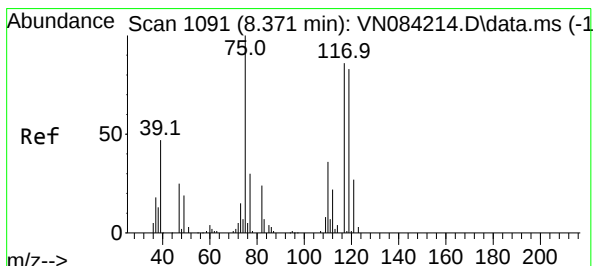
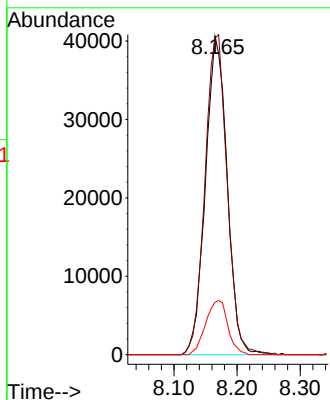
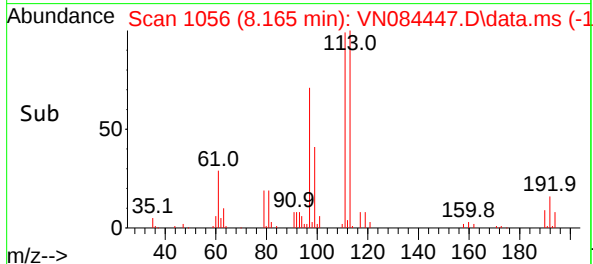
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



Tgt Ion: 113 Resp: 9685
Ion Ratio Lower Upper
113 100
111 102.4 83.3 124.9
192 17.4 13.5 20.3

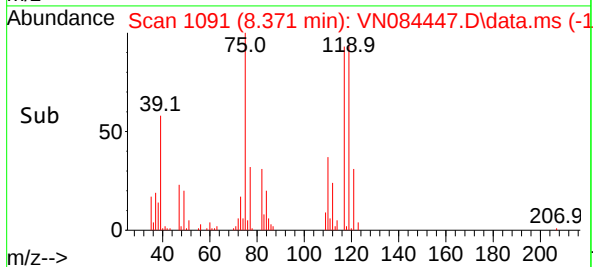
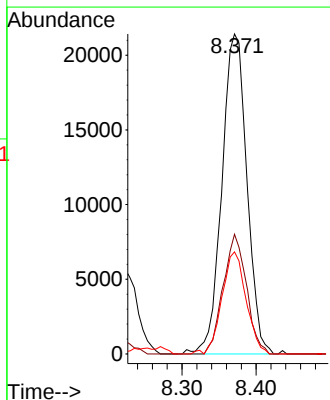
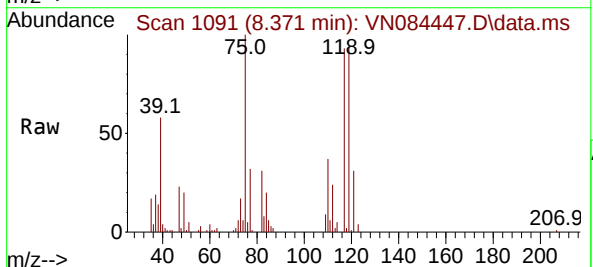
Manual Integrations
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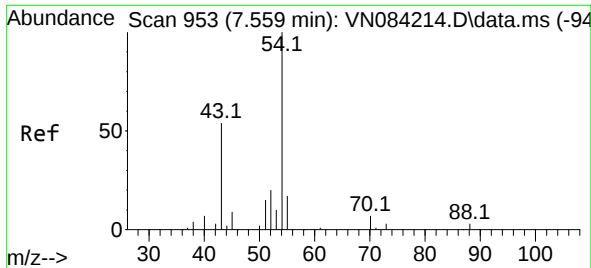
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#36
1,1-Dichloropropene
Concen: 19.577 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Tgt Ion: 75 Resp: 50177
Ion Ratio Lower Upper
75 100
110 34.9 16.9 50.7
77 30.8 24.7 37.1





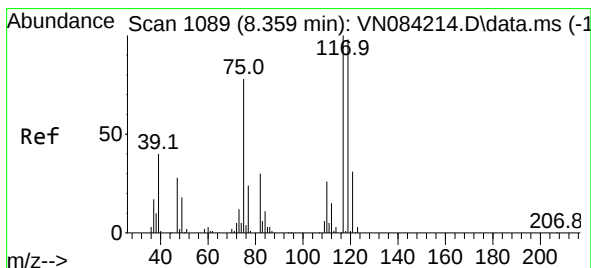
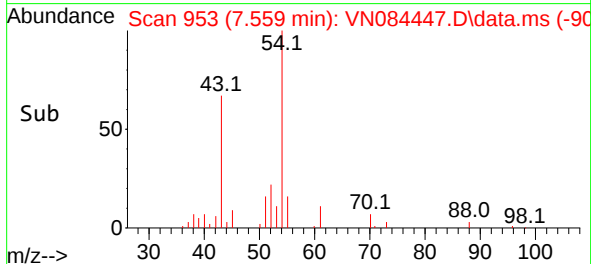
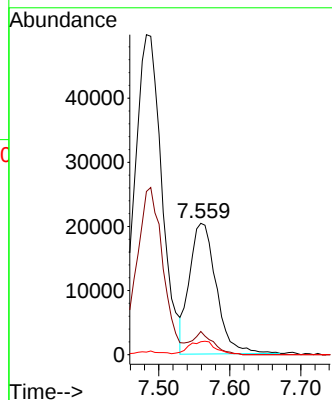
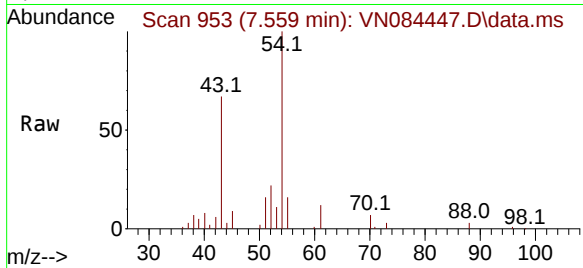
#37
Ethyl Acetate
Concen: 20.311 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02

Tgt Ion: 43 Resp: 5340
Ion Ratio Lower Upper
43 100
61 14.0 10.7 16.1
70 10.4 8.8 13.2

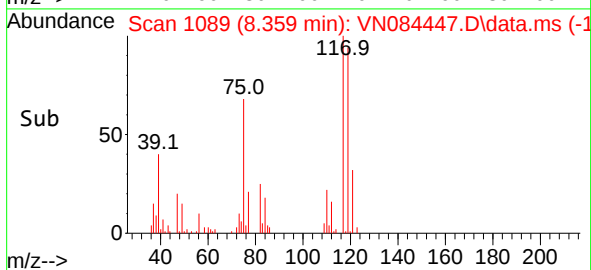
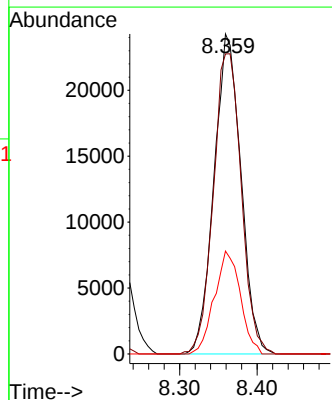
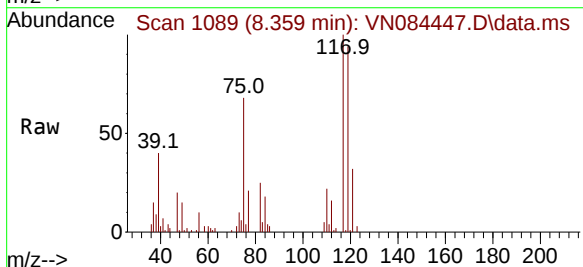
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#38
Carbon Tetrachloride
Concen: 20.798 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Tgt Ion:117 Resp: 58475
Ion Ratio Lower Upper
117 100
119 93.8 78.7 118.1
121 32.1 24.4 36.6





#39

Methylcyclohexane

Concen: 17.067 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN084447.D

Acq: 21 Oct 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

VN1021MBS02

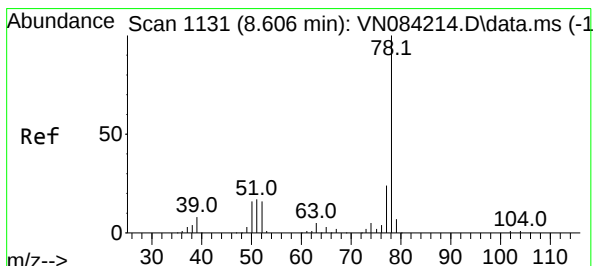
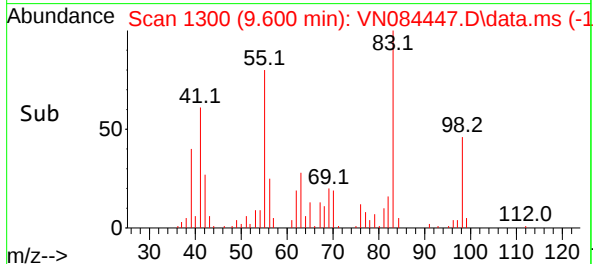
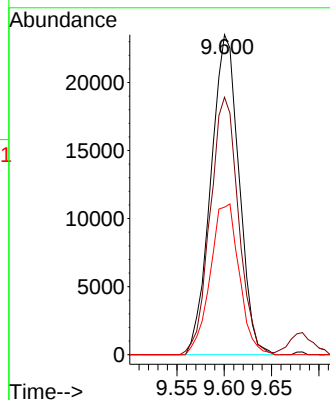
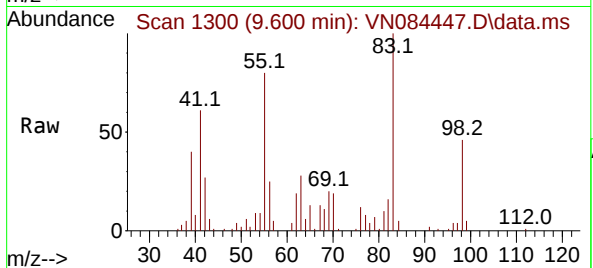
Tgt Ion: 83	Resp: 48684
Ion Ratio	Lower Upper
83	100
55	80.5 62.8 94.2
98	46.1 38.8 58.2

Manual Integrations

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Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#40

Benzene

Concen: 21.357 ug/l

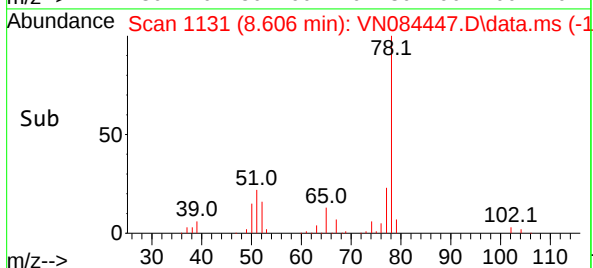
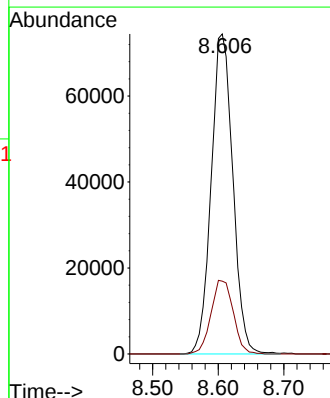
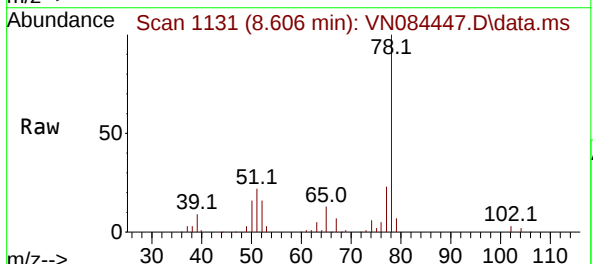
RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN084447.D

Acq: 21 Oct 2024 19:40

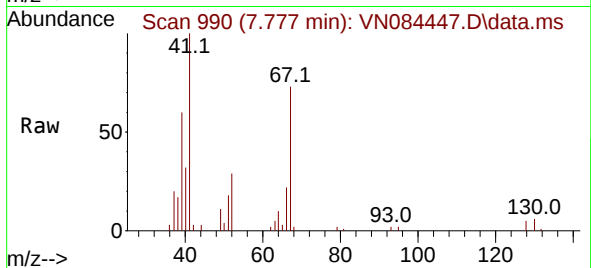
Tgt Ion: 78	Resp: 170544
Ion Ratio	Lower Upper
78	100
77	22.7 19.1 28.7





#41
Methacrylonitrile
Concen: 20.664 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

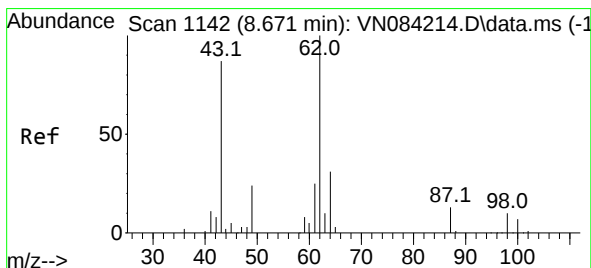
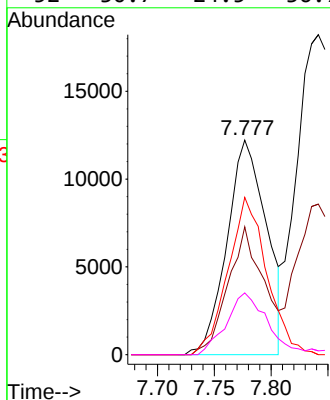
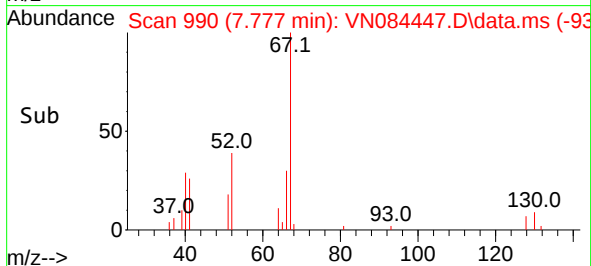
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



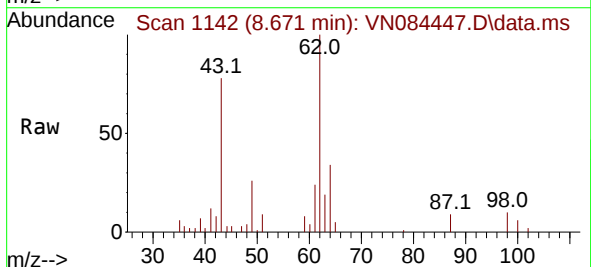
Tgt Ion: 41 Resp: 29498
Ion Ratio Lower Upper
41 100
39 53.9 43.3 64.9
67 72.2 56.1 84.1
52 30.7 24.5 36.7

Manual Integrations
APPROVED

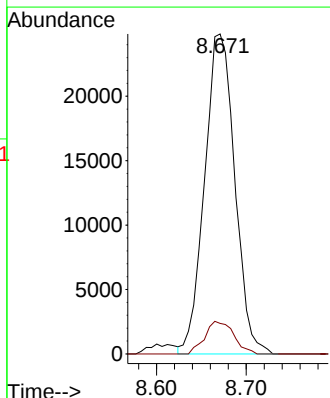
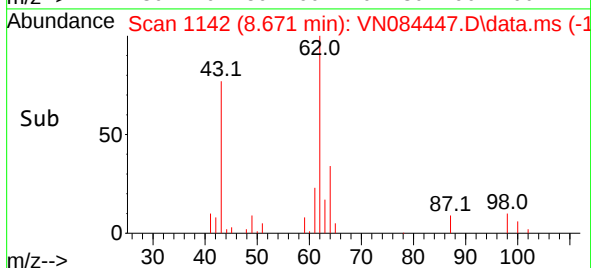
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

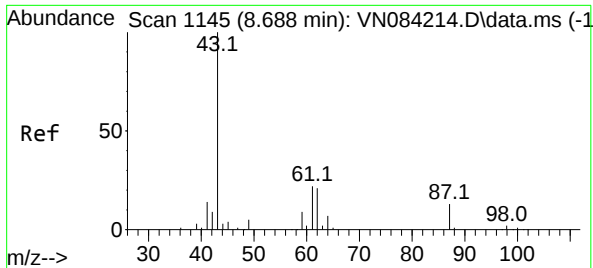


#42
1,2-Dichloroethane
Concen: 21.466 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40



Tgt Ion: 62 Resp: 58114
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.2





#43

Isopropyl Acetate

Concen: 17.078 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084447.D

Acq: 21 Oct 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

VN1021MBS02

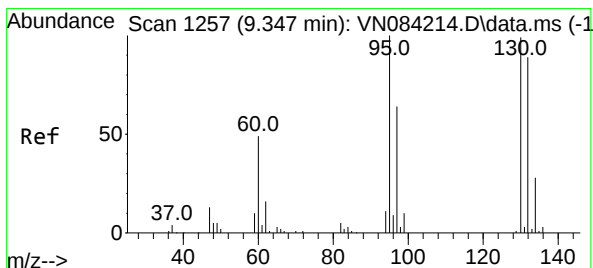
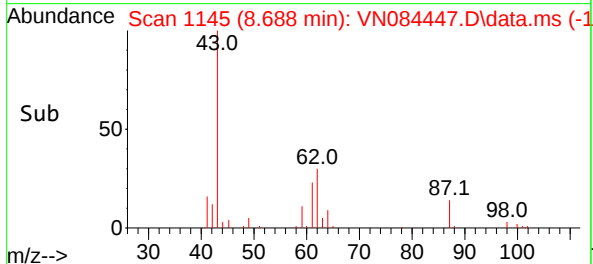
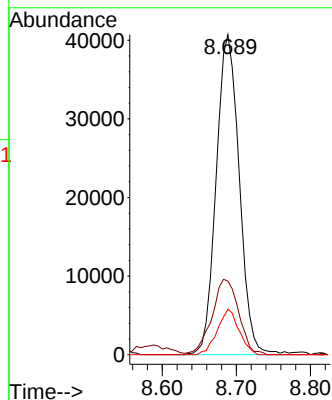
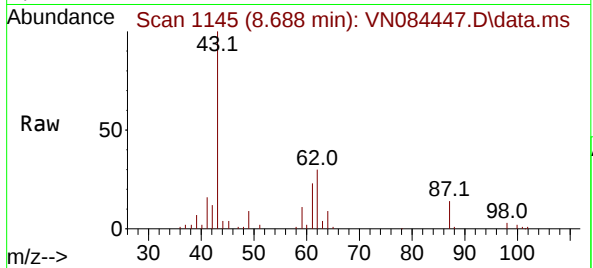
Tgt Ion: 43	Resp: 87958
Ion Ratio	Lower Upper
43 100	
61 27.3	20.4 30.6
87 13.3	10.3 15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#44

Trichloroethene

Concen: 21.033 ug/l

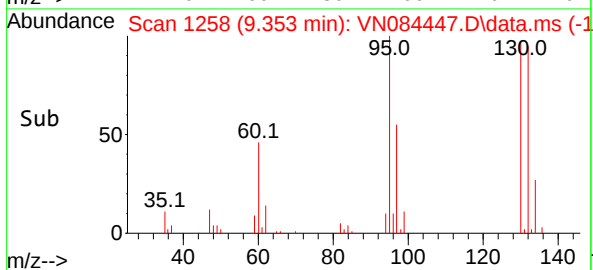
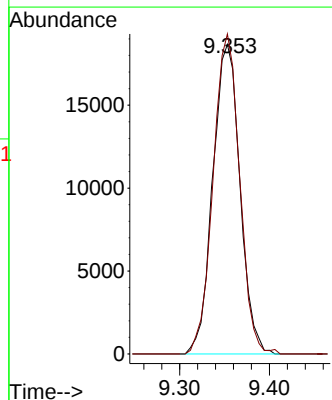
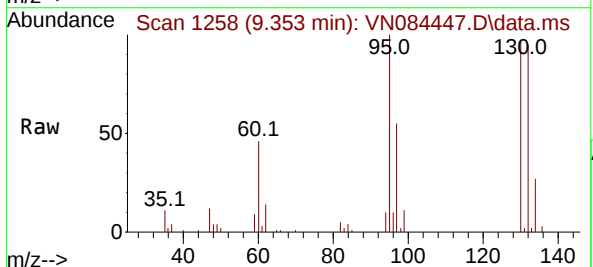
RT: 9.353 min Scan# 1258

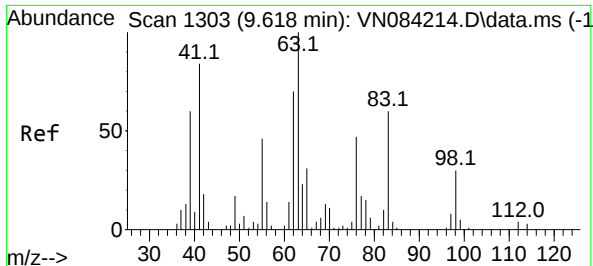
Delta R.T. 0.006 min

Lab File: VN084447.D

Acq: 21 Oct 2024 19:40

Tgt Ion:130	Resp: 39229
Ion Ratio	Lower Upper
130 100	
95 103.3	0.0 203.0





#45

1,2-Dichloropropane

Concen: 22.041 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN084447.D

Acq: 21 Oct 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

VN1021MBS02

Tgt Ion: 63 Resp: 4163

Ion Ratio Lower Upper

63 100

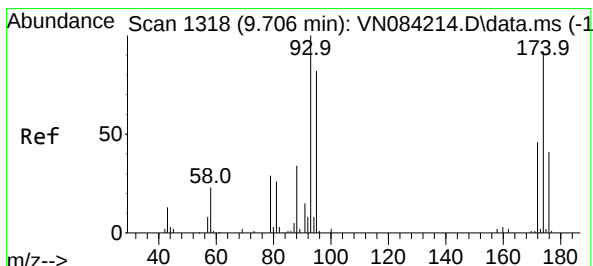
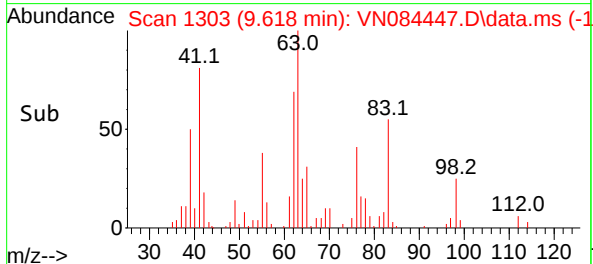
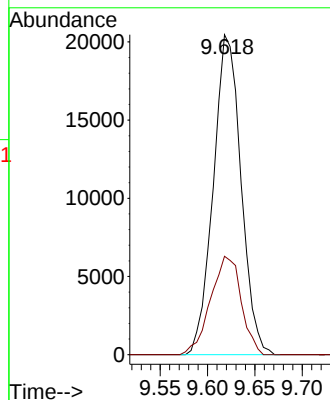
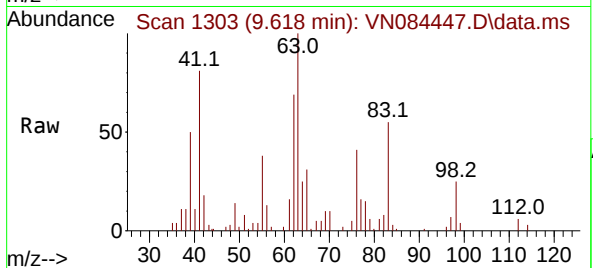
65 30.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#46

Dibromomethane

Concen: 23.635 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN084447.D

Acq: 21 Oct 2024 19:40

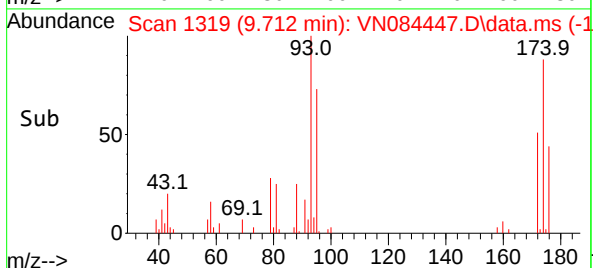
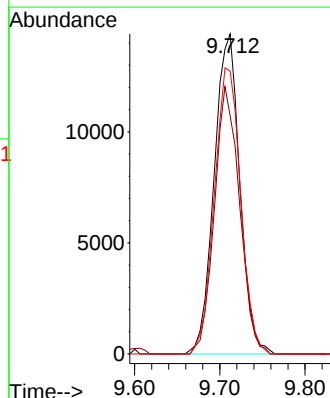
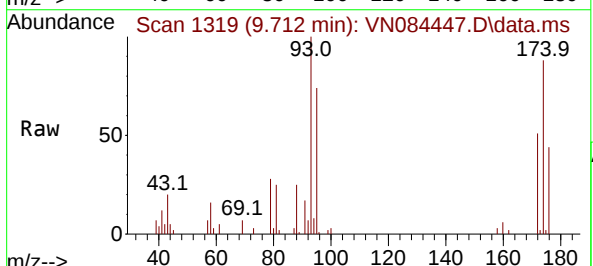
Tgt Ion: 93 Resp: 30130

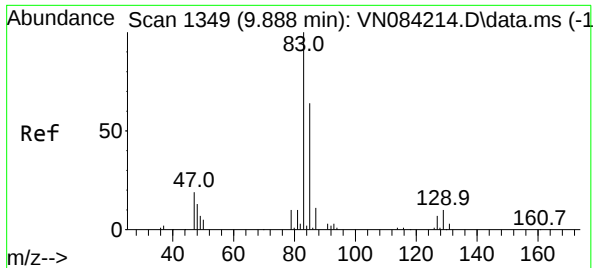
Ion Ratio Lower Upper

93 100

95 81.9 65.0 97.4

174 91.6 71.8 107.8





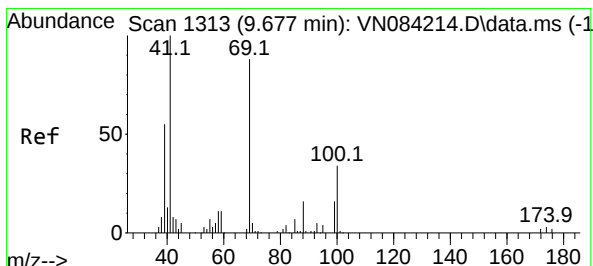
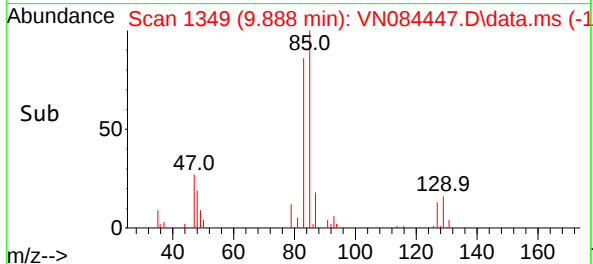
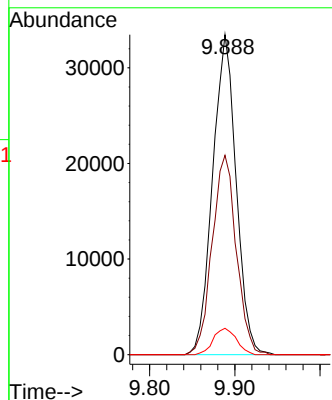
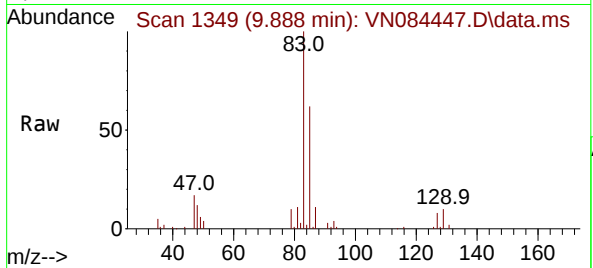
#47
Bromodichloromethane
Concen: 22.668 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02

Tgt Ion: 83 Resp: 6420
Ion Ratio Lower Upper
83 100
85 62.3 51.5 77.3
127 8.3 5.7 8.5

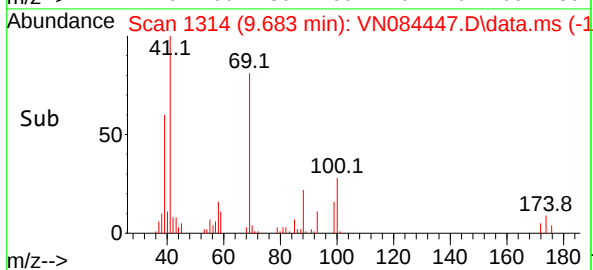
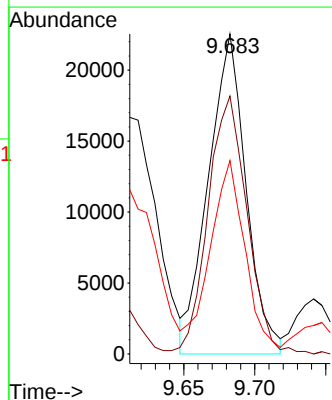
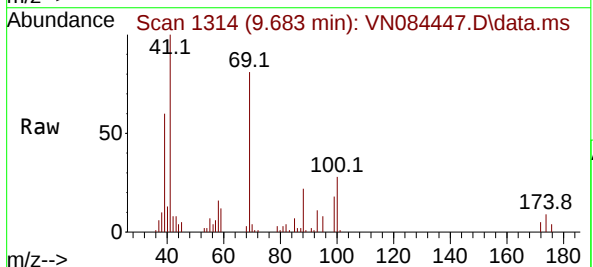
Manual Integrations
APPROVED

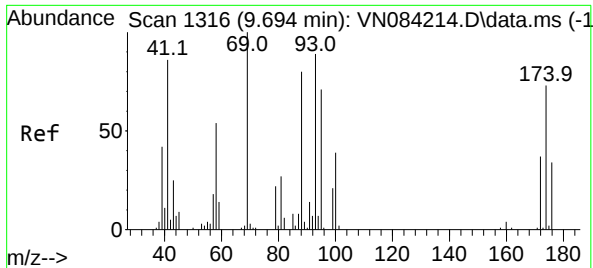
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#48
Methyl methacrylate
Concen: 20.221 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

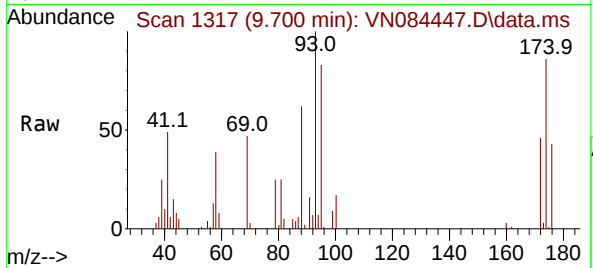
Tgt Ion: 41 Resp: 41457
Ion Ratio Lower Upper
41 100
69 84.0 67.1 100.7
39 57.1 45.8 68.6





#49
1,4-Dioxane
Concen: 405.091 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

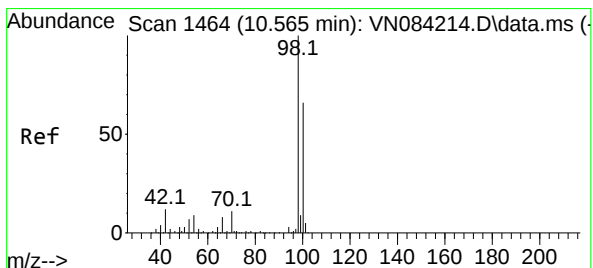
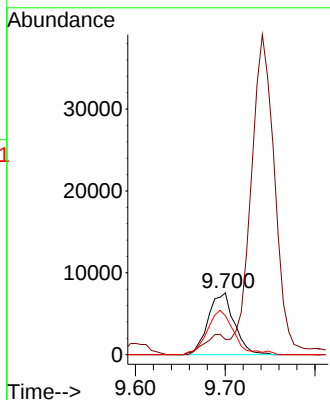
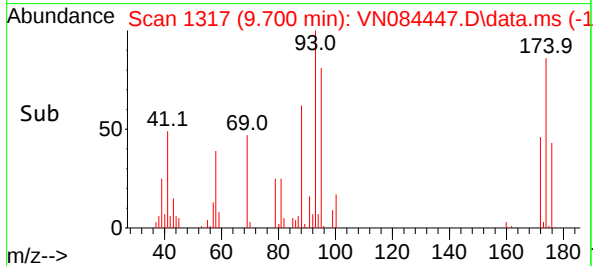
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



Tgt Ion: 88 Resp: 15290
Ion Ratio Lower Upper
88 100
43 26.0 25.3 37.9
58 73.8 56.4 84.6

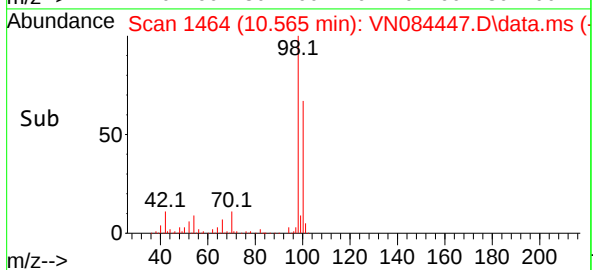
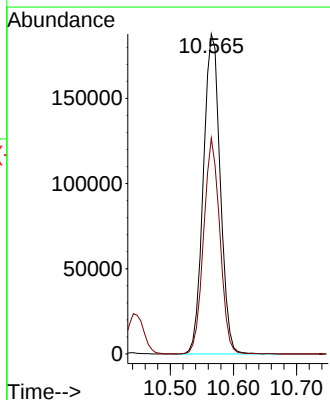
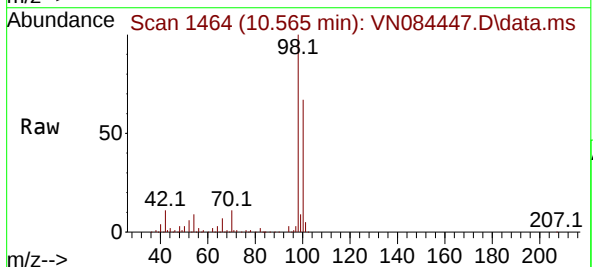
Manual Integrations
APPROVED

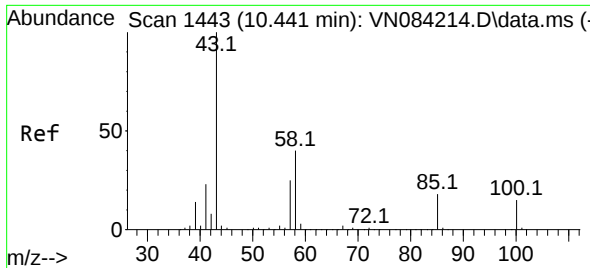
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#50
Toluene-d8
Concen: 53.570 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Tgt Ion: 98 Resp: 347772
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1





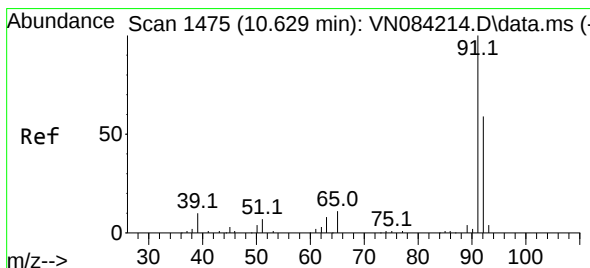
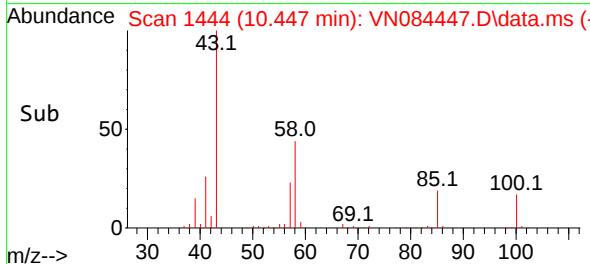
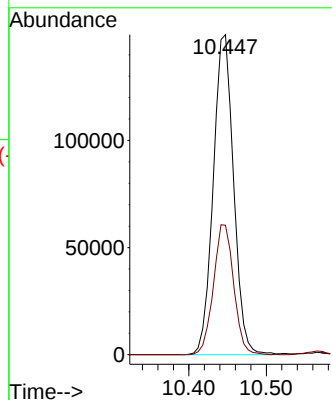
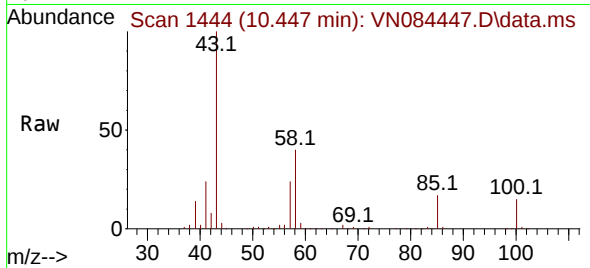
#51
4-Methyl-2-Pentanone
Concen: 109.036 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02

Tgt Ion: 43 Resp: 272933
Ion Ratio Lower Upper
43 100
58 40.4 31.6 47.4

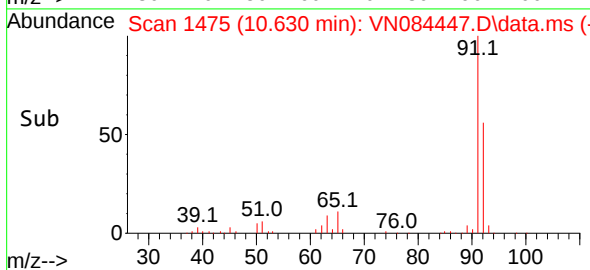
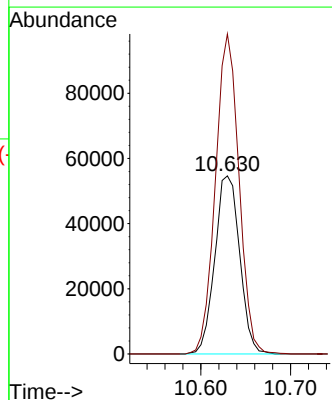
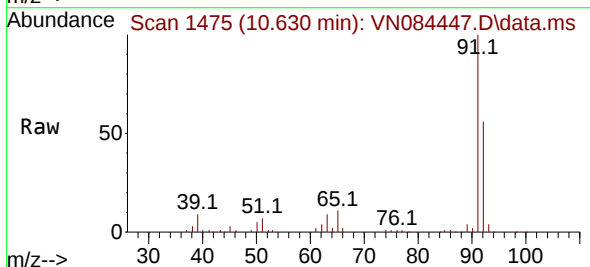
Manual Integrations
APPROVED

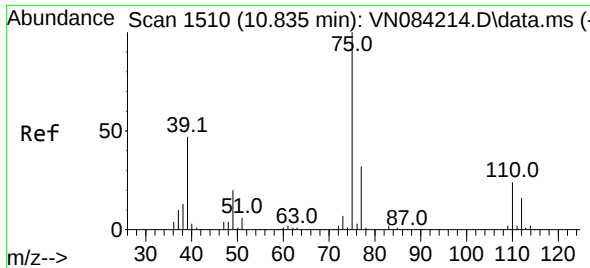
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#52
Toluene
Concen: 21.560 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

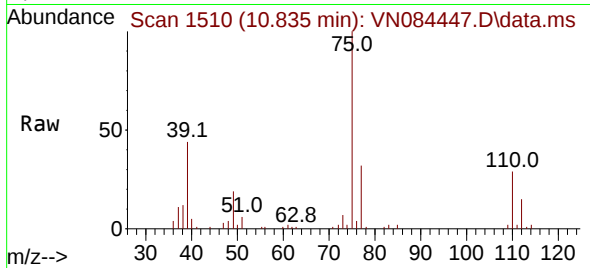
Tgt Ion: 92 Resp: 104987
Ion Ratio Lower Upper
92 100
91 170.4 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 20.498 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

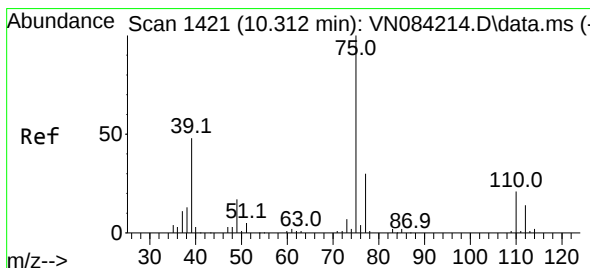
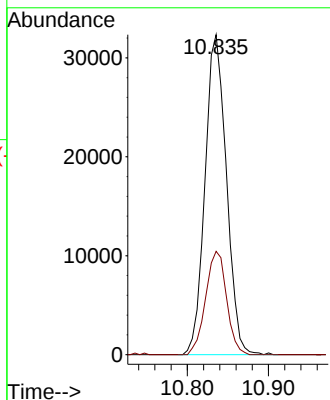
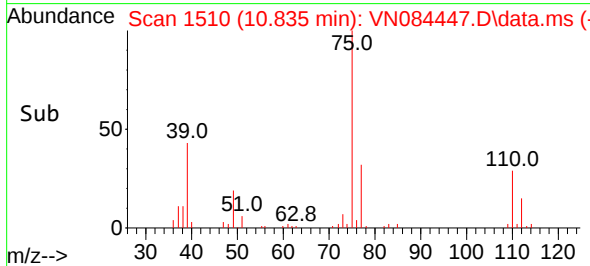
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



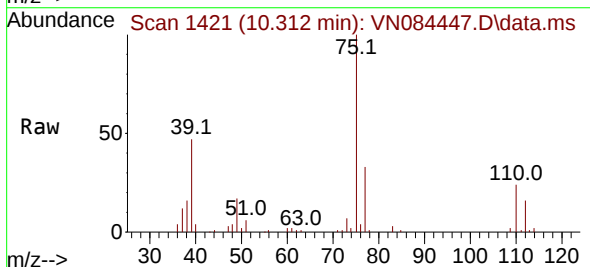
Tgt Ion: 75 Resp: 59179
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0

Manual Integrations
APPROVED

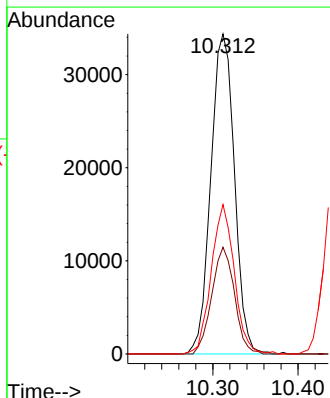
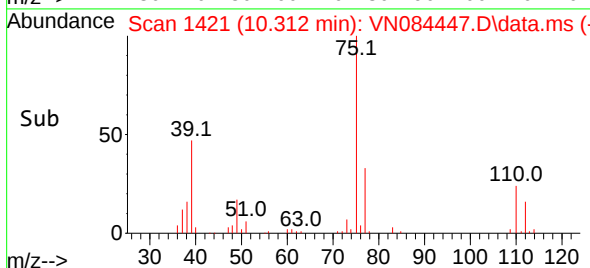
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

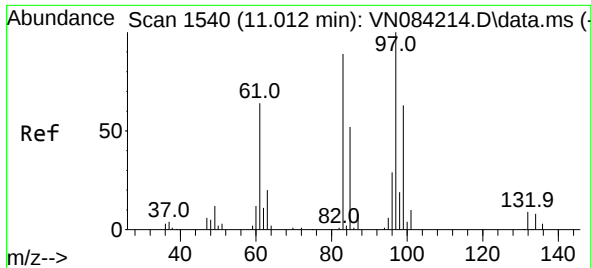


#54
cis-1,3-Dichloropropene
Concen: 21.320 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40



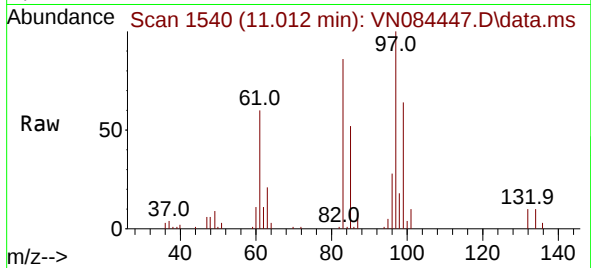
Tgt Ion: 75 Resp: 66208
Ion Ratio Lower Upper
75 100
77 33.3 24.2 36.2
39 46.7 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 23.771 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

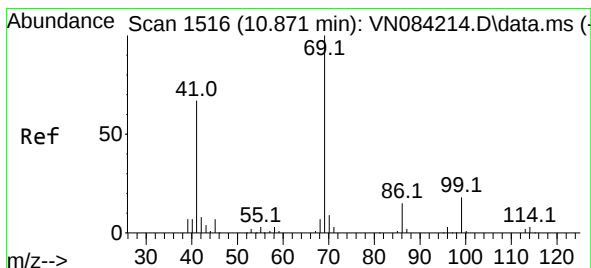
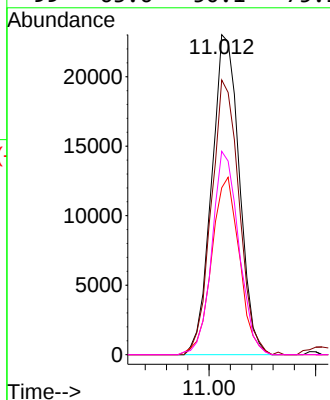
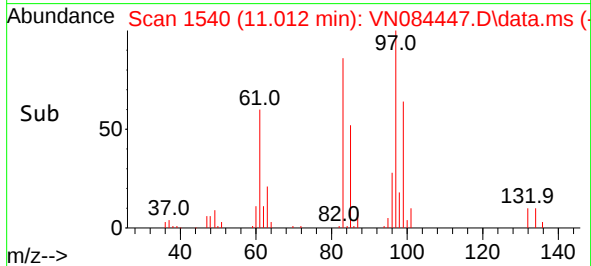
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



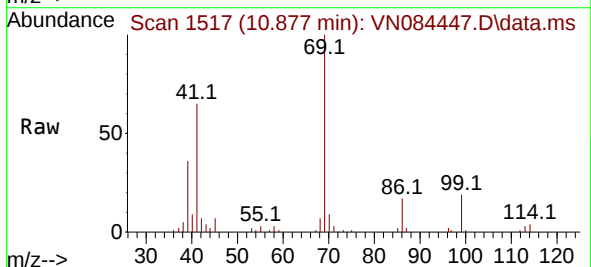
Tgt Ion: 97 Resp: 41498
Ion Ratio Lower Upper
97 100
83 85.9 71.0 106.4
85 52.1 41.7 62.5
99 63.6 50.1 75.1

Manual Integrations
APPROVED

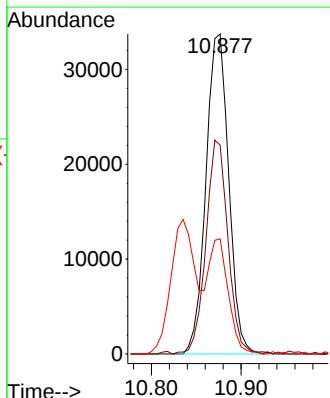
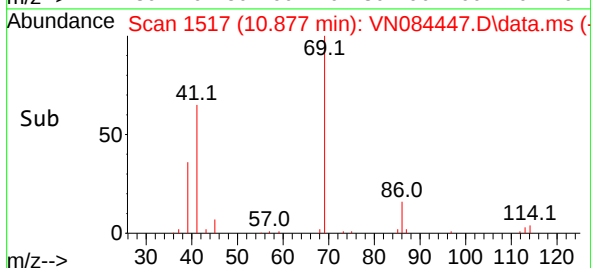
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#56
Ethyl methacrylate
Concen: 20.728 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40



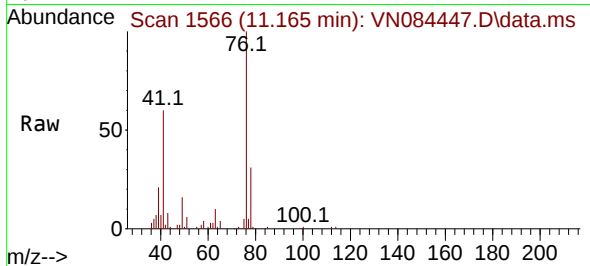
Tgt Ion: 69 Resp: 59541
Ion Ratio Lower Upper
69 100
41 64.4 53.3 79.9
39 30.2 28.8 43.2





#57
1,3-Dichloropropane
Concen: 22.306 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

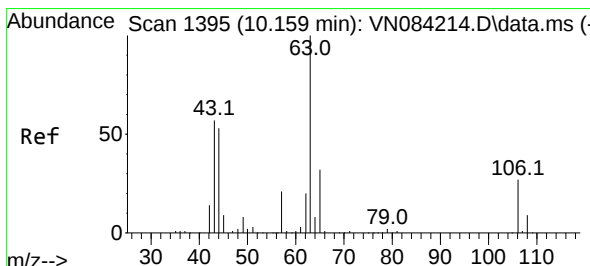
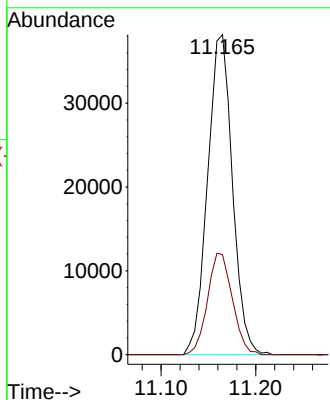
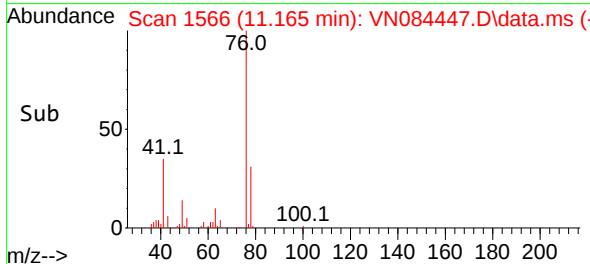
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



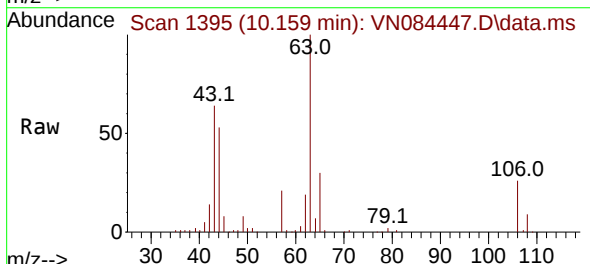
Tgt Ion: 76 Resp: 69580
Ion Ratio Lower Upper
76 100
78 31.6 25.8 38.6

Manual Integrations
APPROVED

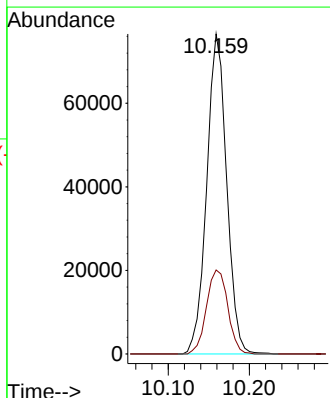
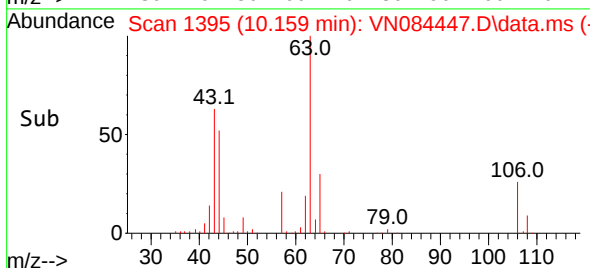
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

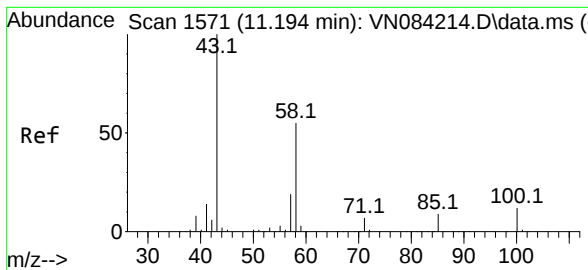


#58
2-Chloroethyl Vinyl ether
Concen: 98.004 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40



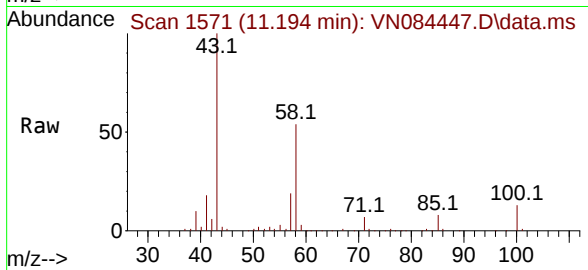
Tgt Ion: 63 Resp: 130592
Ion Ratio Lower Upper
63 100
106 28.0 21.8 32.6





#59
2-Hexanone
Concen: 106.168 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

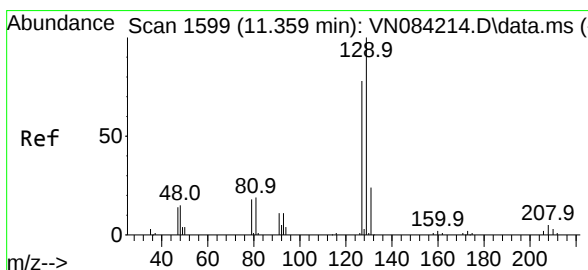
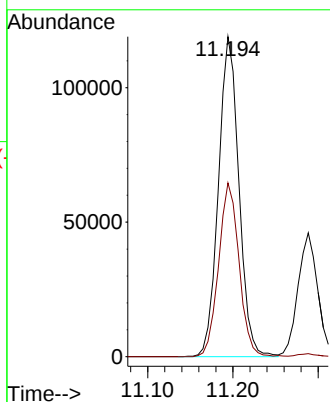
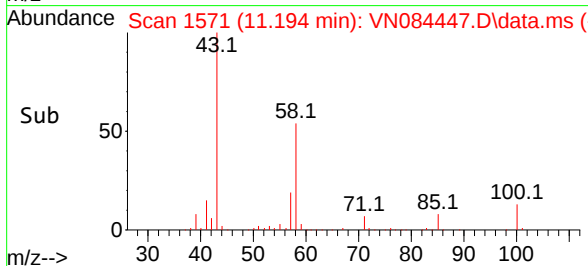
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



Tgt Ion: 43 Resp: 198628
Ion Ratio Lower Upper
43 100
58 54.2 27.3 81.8

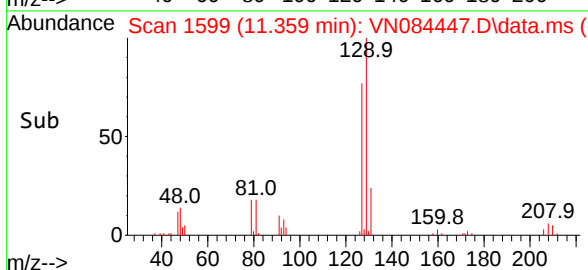
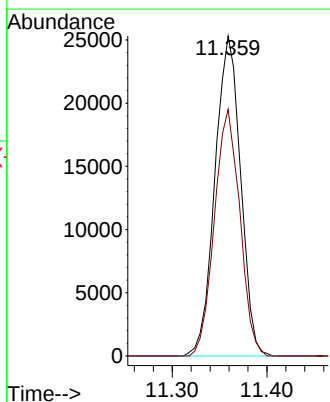
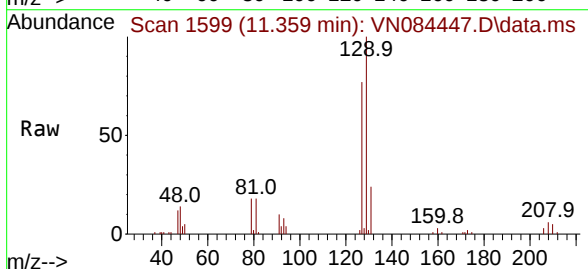
Manual Integrations
APPROVED

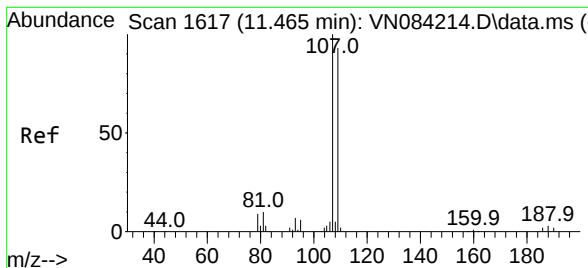
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#60
Dibromochloromethane
Concen: 23.079 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Tgt Ion:129 Resp: 47604
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.9





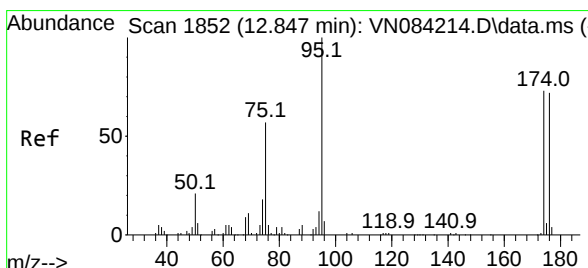
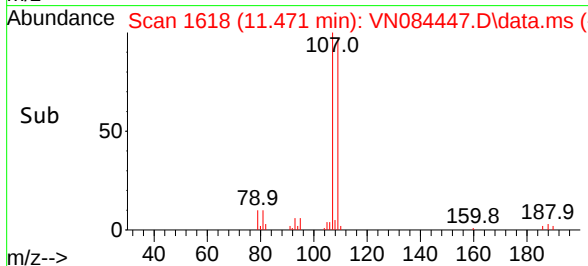
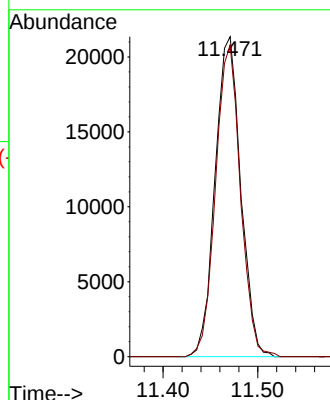
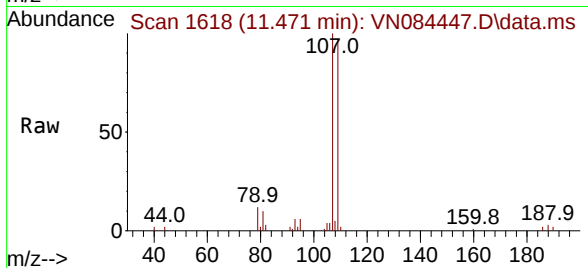
#61
1,2-Dibromoethane
Concen: 22.135 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02

Tgt Ion:107 Resp: 4015
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.0

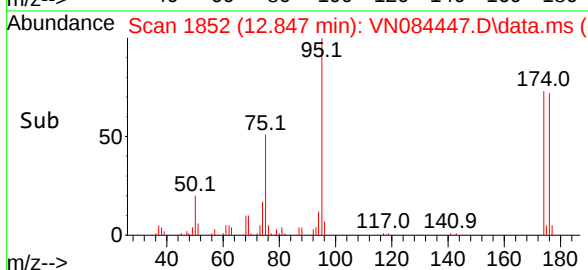
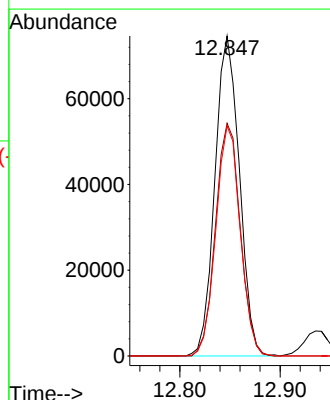
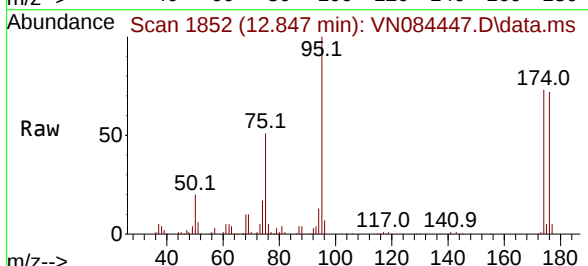
Manual Integrations
APPROVED

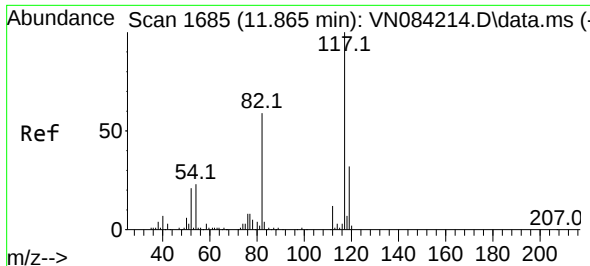
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#62
4-Bromofluorobenzene
Concen: 53.400 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

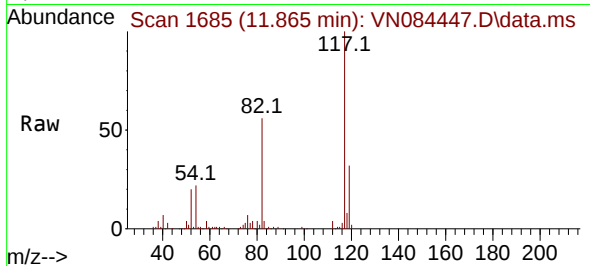
Tgt Ion: 95 Resp: 126293
Ion Ratio Lower Upper
95 100
174 73.7 0.0 145.2
176 71.5 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

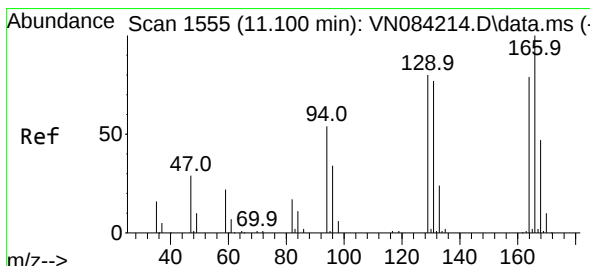
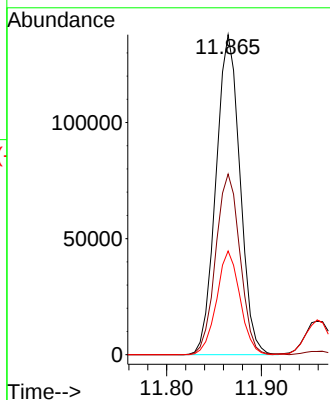
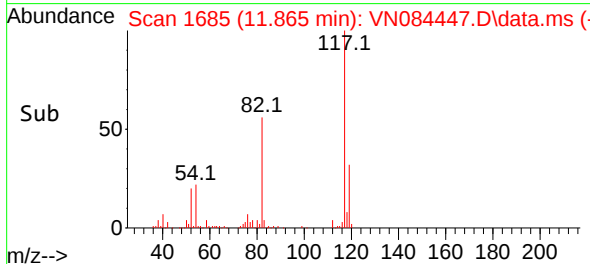
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



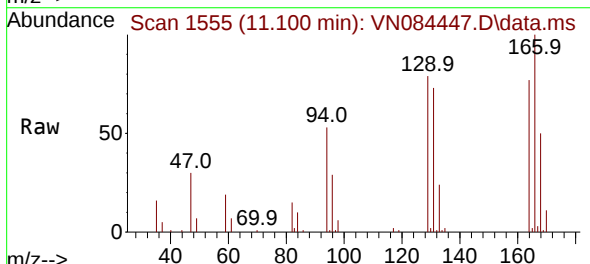
Tgt Ion:117 Resp: 243119
Ion Ratio Lower Upper
117 100
82 56.5 47.2 70.8
119 32.4 25.4 38.0

Manual Integrations
APPROVED

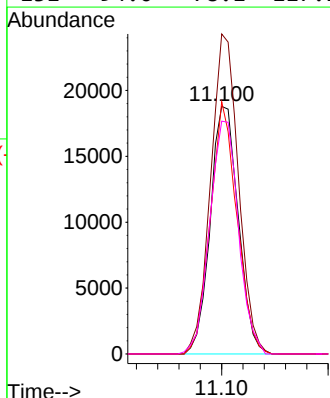
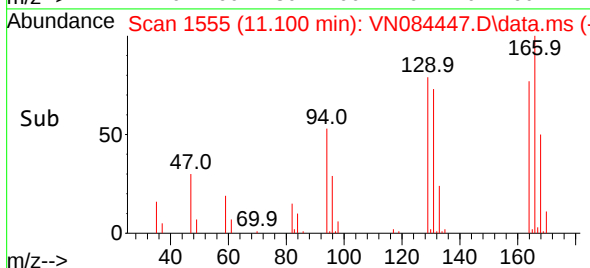
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

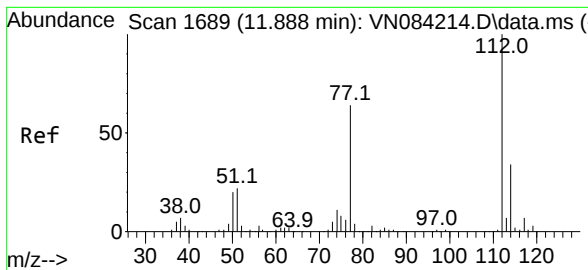


#64
Tetrachloroethene
Concen: 20.208 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40



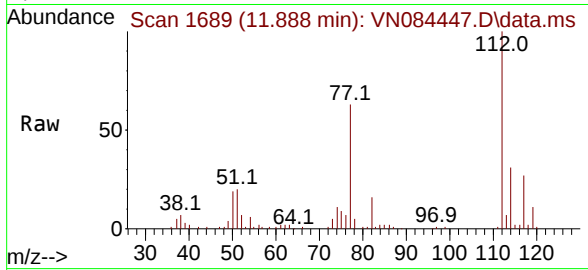
Tgt Ion:164 Resp: 34220
Ion Ratio Lower Upper
164 100
166 129.2 101.0 151.4
129 101.9 80.8 121.2
131 94.0 78.1 117.1





#65
Chlorobenzene
Concen: 20.928 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

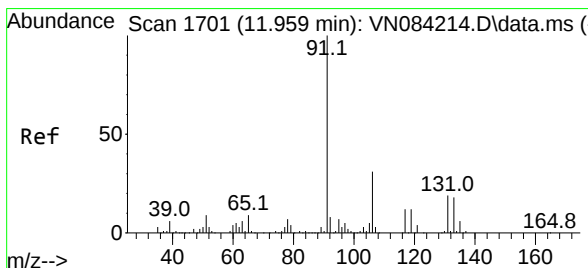
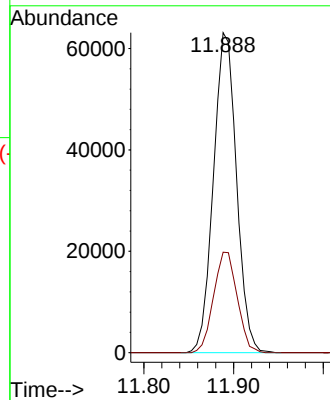
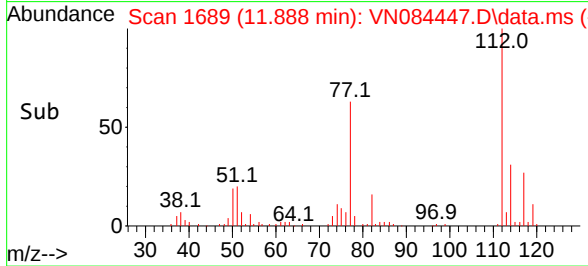
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



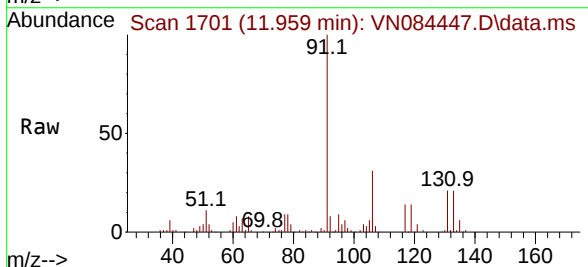
Tgt Ion:112 Resp: 11281
Ion Ratio Lower Upper
112 100
114 31.4 27.0 40.6

Manual Integrations
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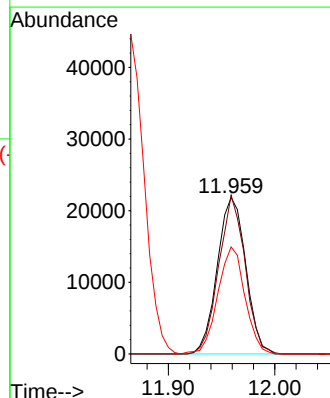
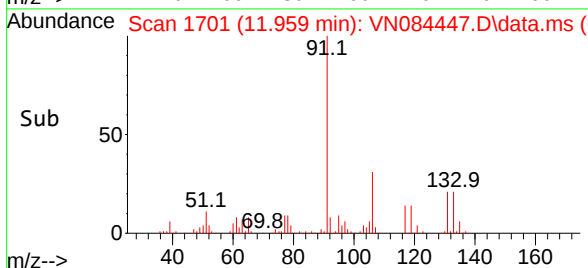
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.806 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40



Tgt Ion:131 Resp: 40487
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.7
119 65.3 32.8 98.3





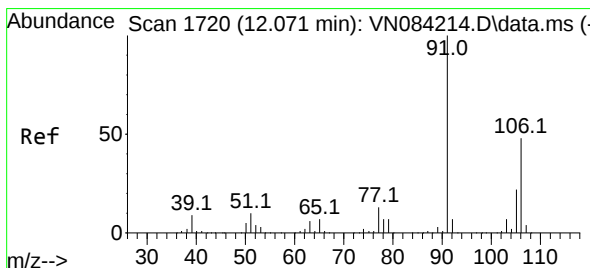
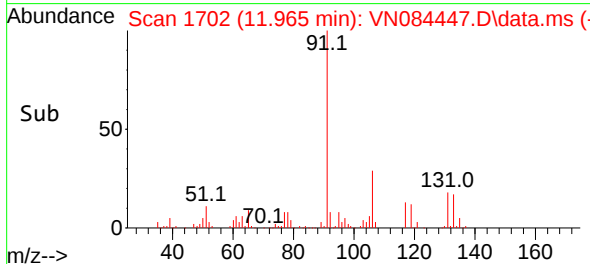
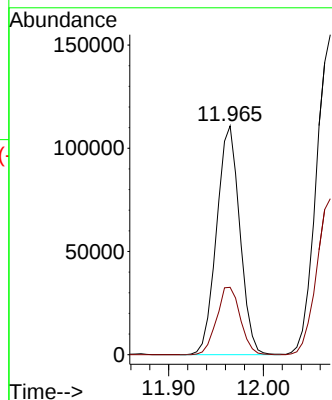
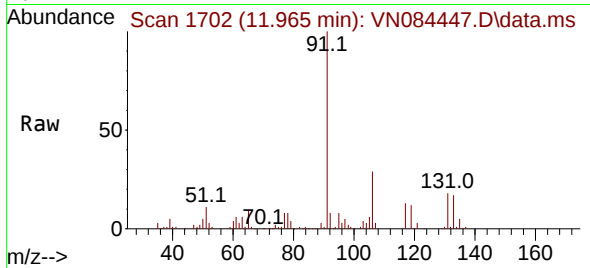
#67
Ethyl Benzene
Concen: 19.788 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02

Tgt Ion: 91 Resp: 188639
Ion Ratio Lower Upper
91 100
106 29.4 24.5 36.7

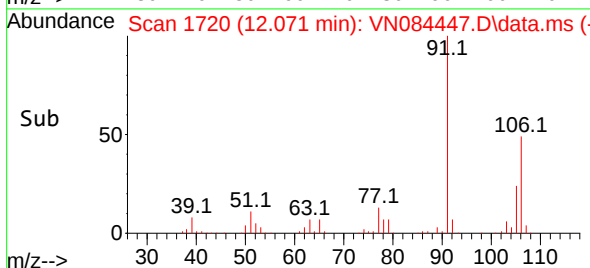
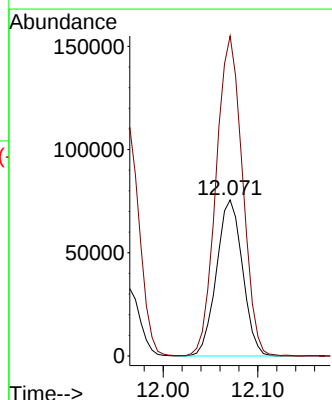
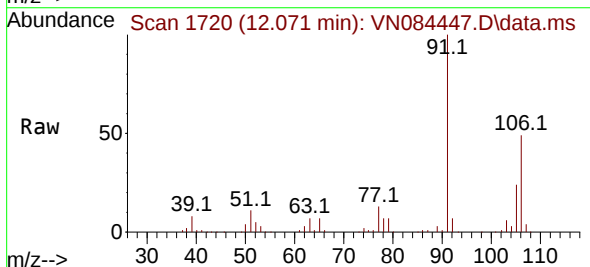
Manual Integrations
APPROVED

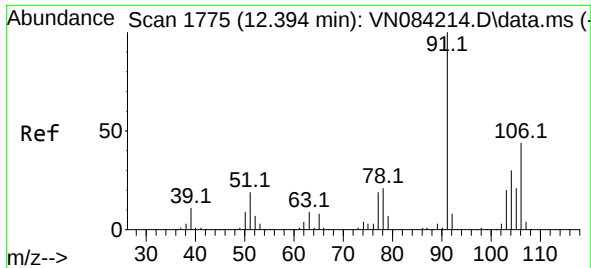
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#68
m/p-Xylenes
Concen: 40.921 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Tgt Ion:106 Resp: 144299
Ion Ratio Lower Upper
106 100
91 208.2 167.1 250.7





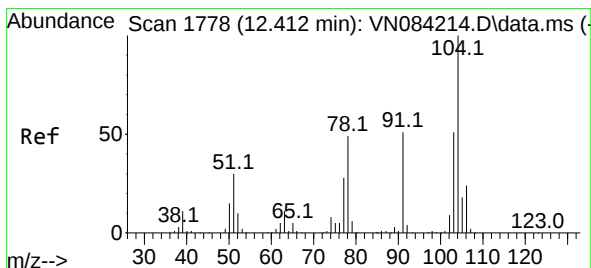
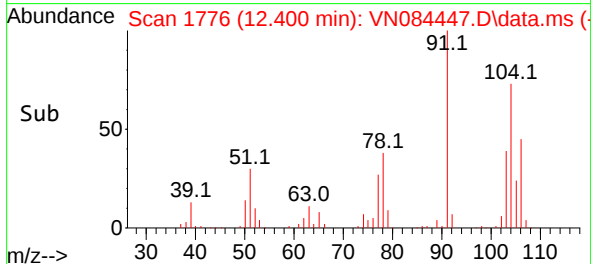
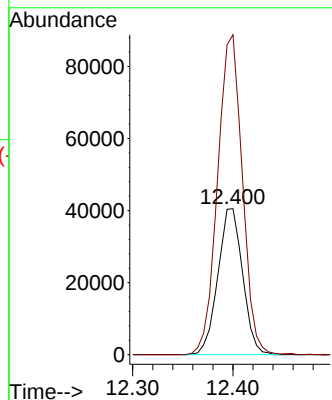
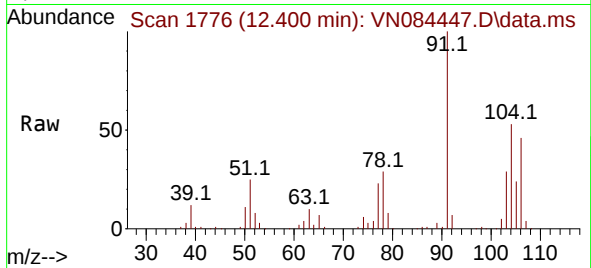
#69
o-Xylene
Concen: 20.827 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02

Tgt Ion:106 Resp: 69484
Ion Ratio Lower Upper
106 100
91 219.3 110.2 330.6

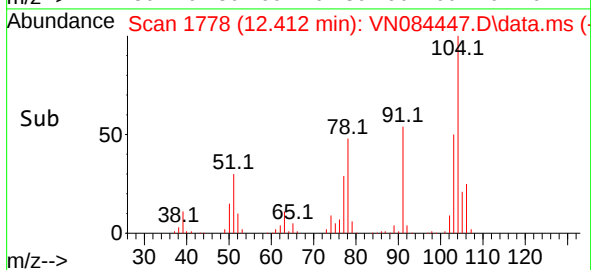
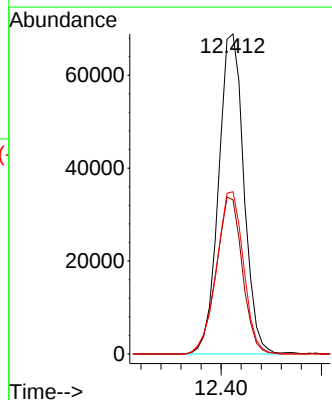
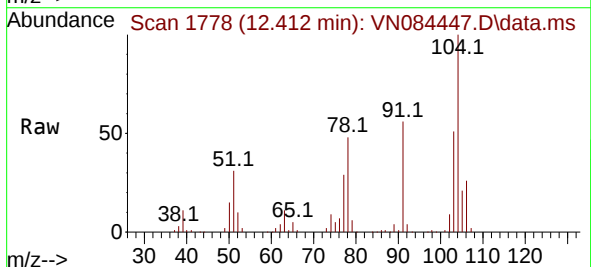
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#70
Styrene
Concen: 21.281 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

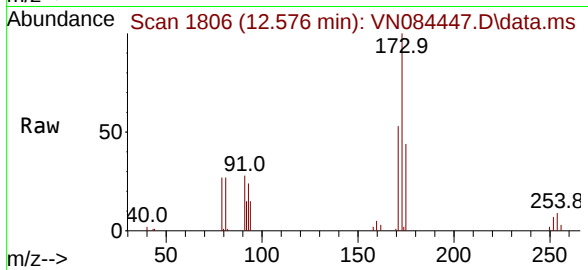
Tgt Ion:104 Resp: 120261
Ion Ratio Lower Upper
104 100
78 50.9 42.7 64.1
103 54.1 43.6 65.4





#71
Bromoform
Concen: 22.164 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

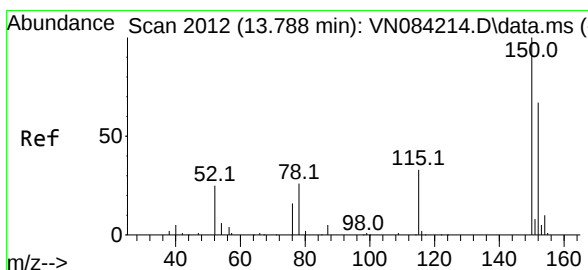
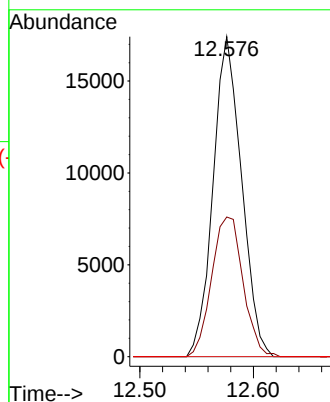
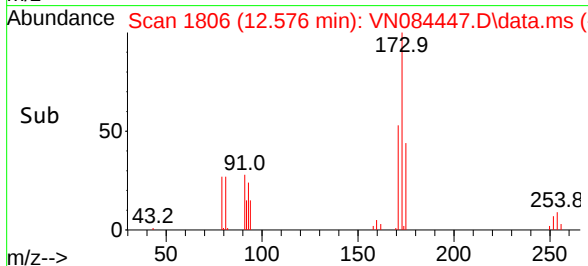
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



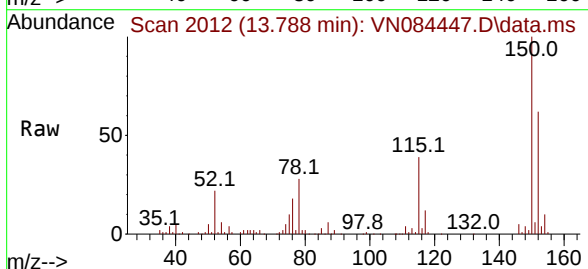
Tgt Ion:173 Resp: 3029
Ion Ratio Lower Upper
173 100
175 48.1 23.5 70.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

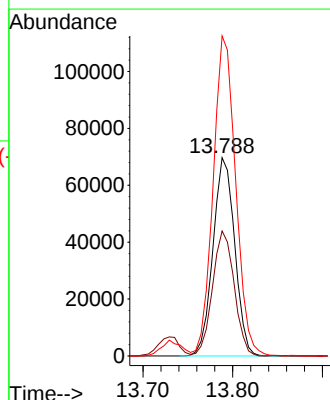
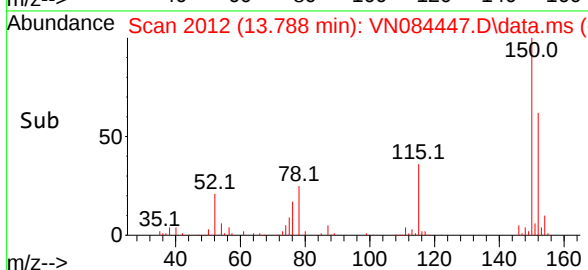
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

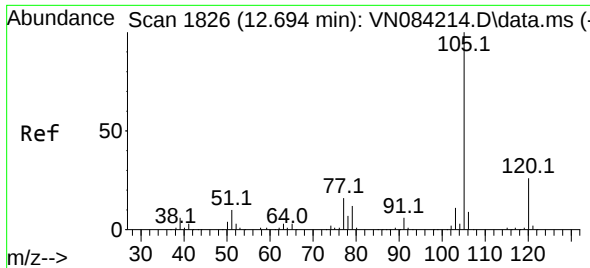


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40



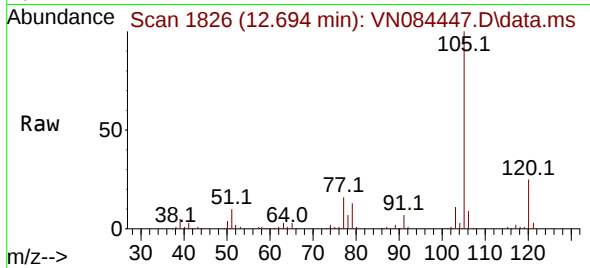
Tgt Ion:152 Resp: 117308
Ion Ratio Lower Upper
152 100
115 62.8 31.3 93.9
150 167.0 0.0 349.8





#73
Isopropylbenzene
Concen: 19.389 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

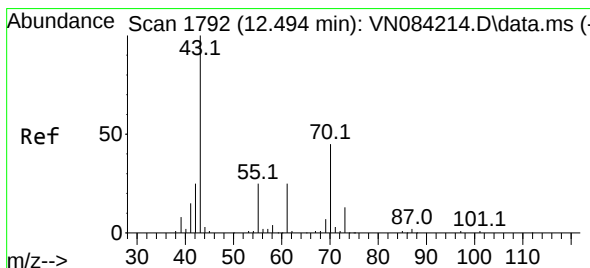
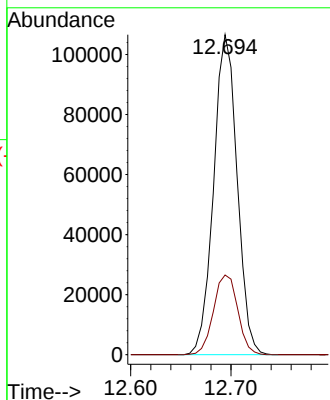
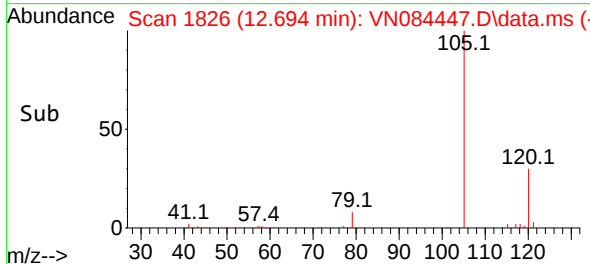
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



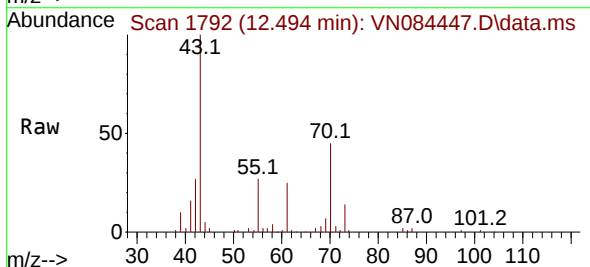
Tgt Ion:105 Resp: 17356
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.7

Manual Integrations
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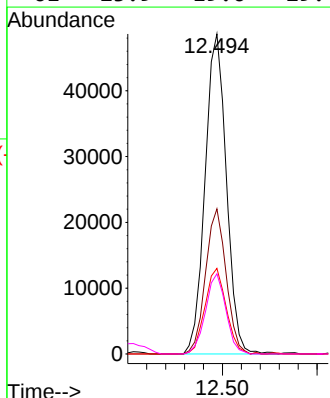
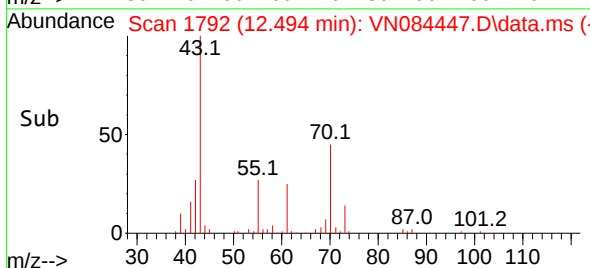
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

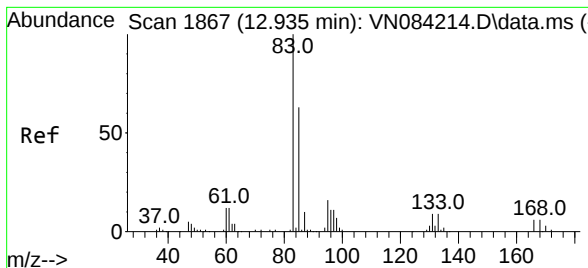


#74
N-ethyl acetate
Concen: 18.751 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40



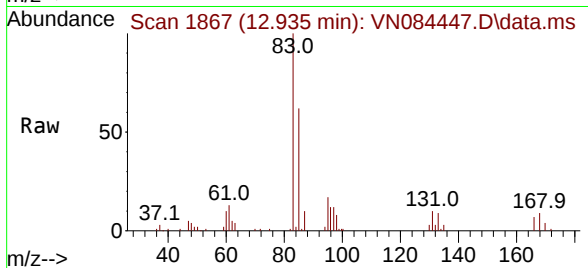
Tgt Ion: 43 Resp: 76010
Ion Ratio Lower Upper
43 100
70 43.9 34.4 51.6
55 26.7 19.6 29.4
61 23.9 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 21.889 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

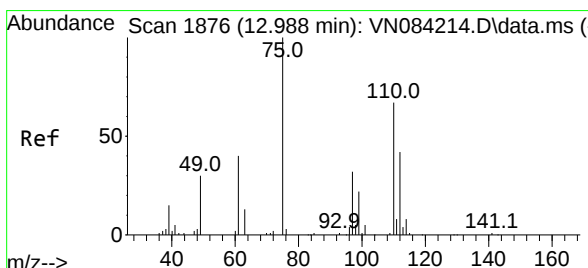
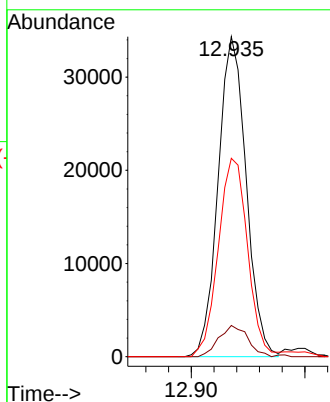
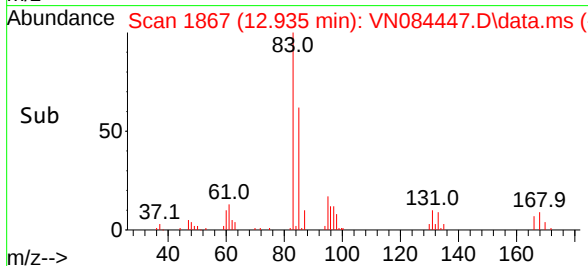
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



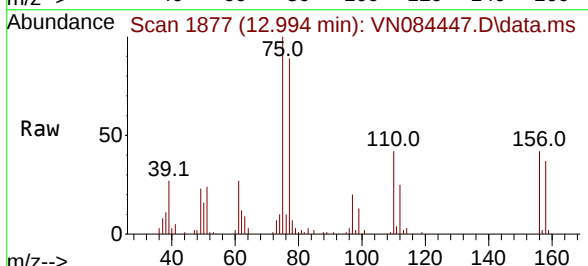
Tgt Ion: 83 Resp: 58918
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.7
85 64.6 31.9 95.7

Manual Integrations
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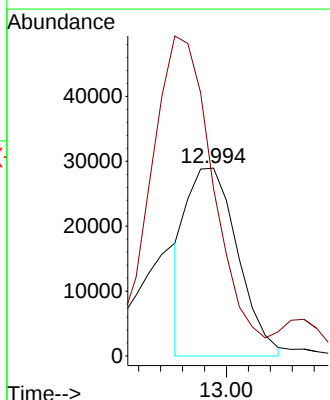
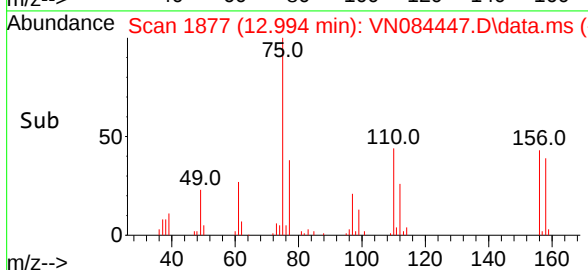
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

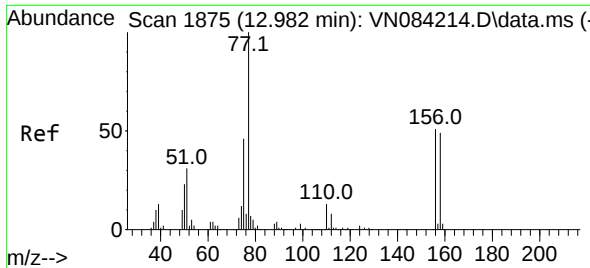


#76
1,2,3-Trichloropropane
Concen: 19.571 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40



Tgt Ion: 75 Resp: 46870
Ion Ratio Lower Upper
75 100
77 211.7 96.9 290.7





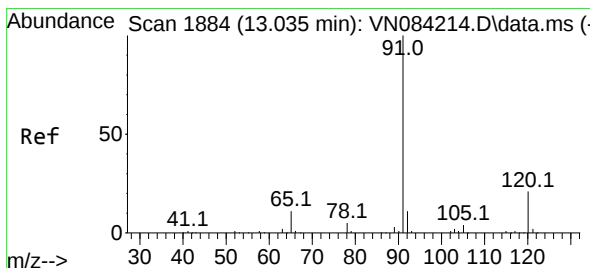
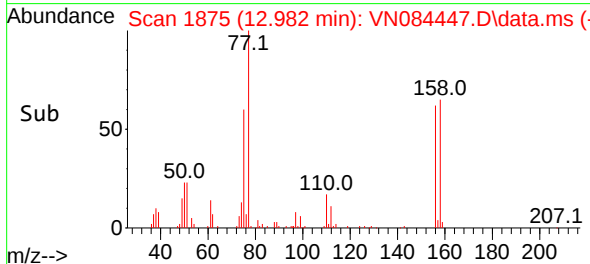
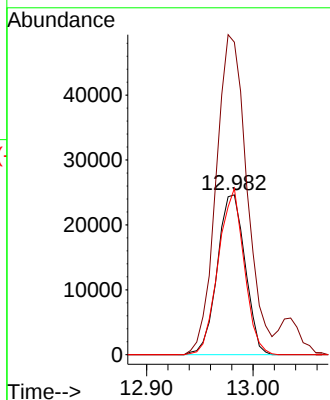
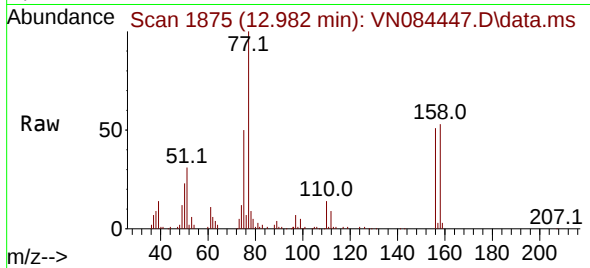
#77
Bromobenzene
Concen: 20.714 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02

Tgt Ion:156 Resp: 44720
Ion Ratio Lower Upper
156 100
77 221.8 115.1 345.3
158 96.6 48.9 146.8

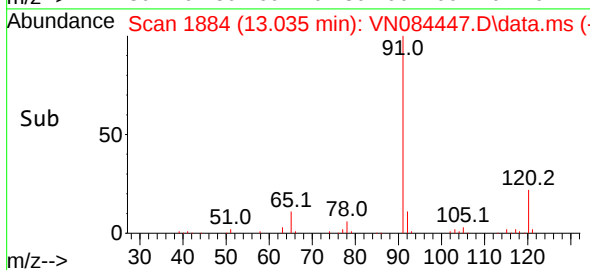
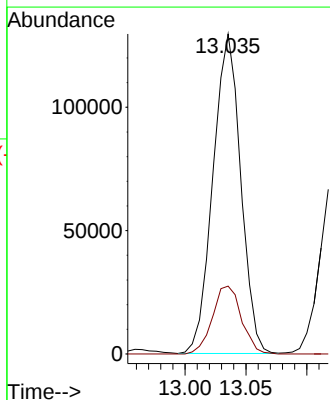
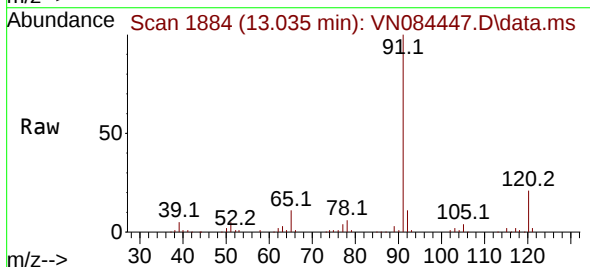
Manual Integrations
APPROVED

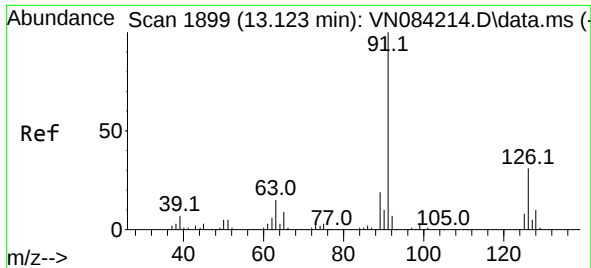
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#78
n-propylbenzene
Concen: 19.789 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Tgt Ion: 91 Resp: 205245
Ion Ratio Lower Upper
91 100
120 22.2 10.8 32.4





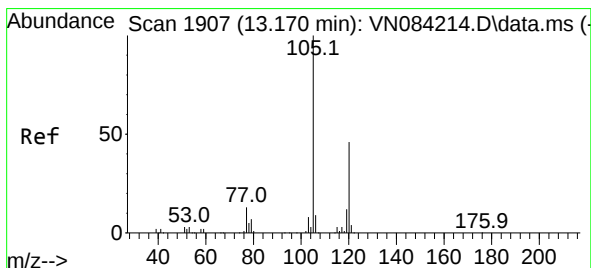
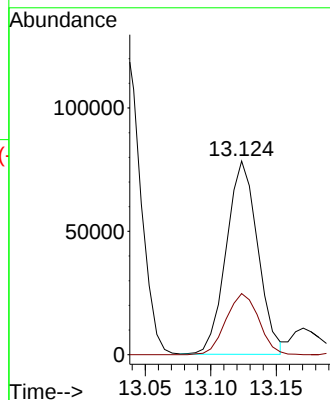
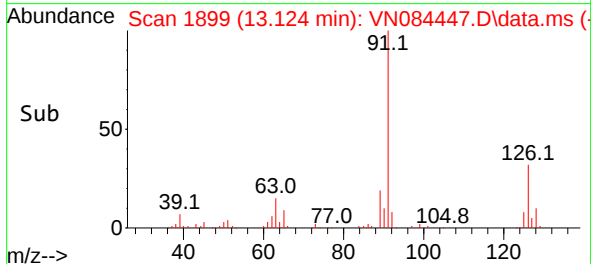
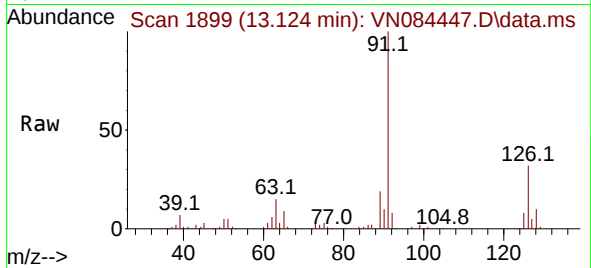
#79
2-Chlorotoluene
Concen: 19.847 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02

Tgt Ion: 91 Resp: 131350
Ion Ratio Lower Upper
91 100
126 32.8 15.7 47.1

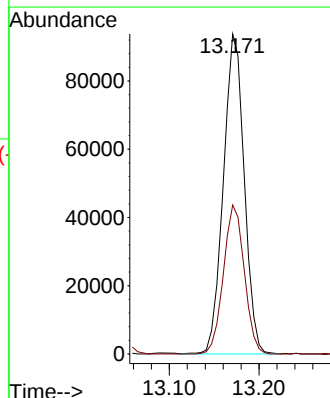
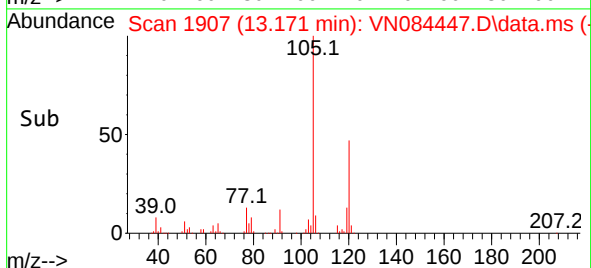
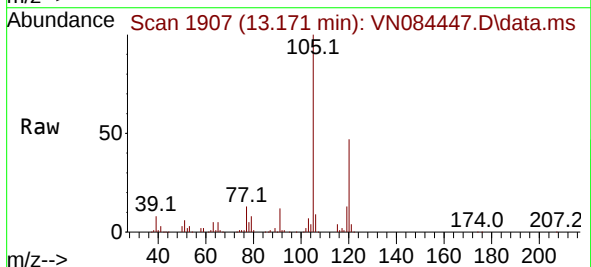
Manual Integrations
APPROVED

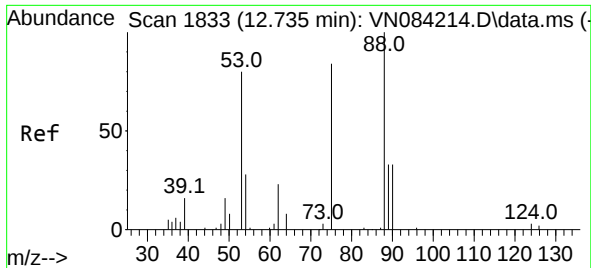
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.701 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

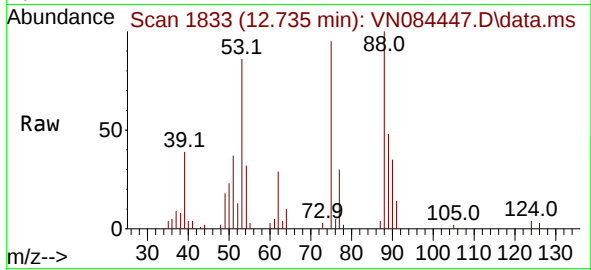
Tgt Ion:105 Resp: 151156
Ion Ratio Lower Upper
105 100
120 46.6 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 19.852 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

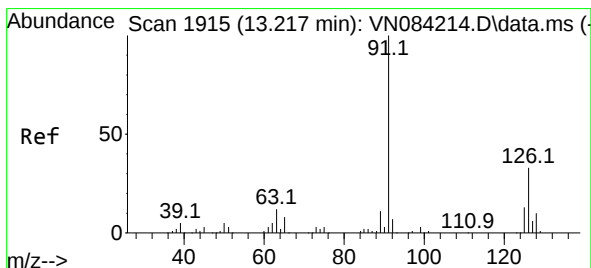
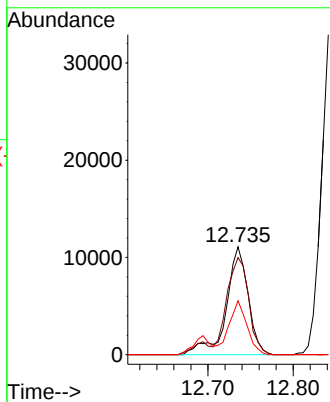
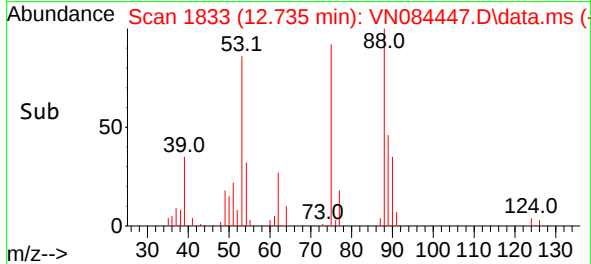
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



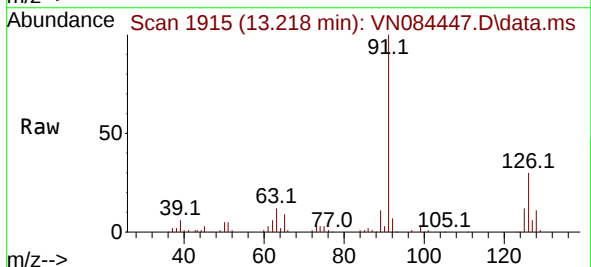
Tgt Ion: 75 Resp: 1983
Ion Ratio Lower Upper
75 100
53 89.3 78.0 117.0
89 42.0 35.5 53.3

Manual Integrations
APPROVED

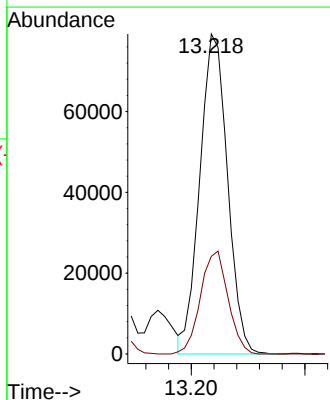
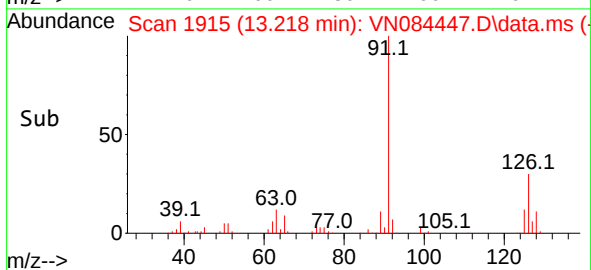
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#82
4-Chlorotoluene
Concen: 20.123 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40



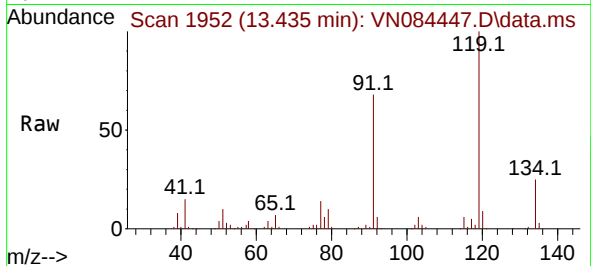
Tgt Ion: 91 Resp: 134066
Ion Ratio Lower Upper
91 100
126 31.9 15.7 47.1





#83
tert-Butylbenzene
Concen: 18.705 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

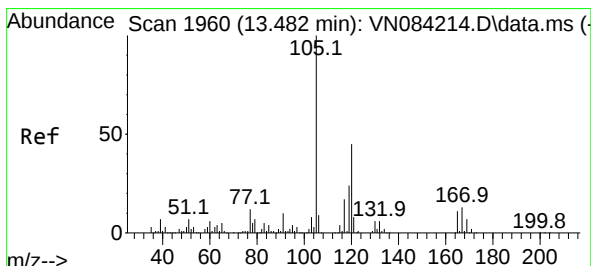
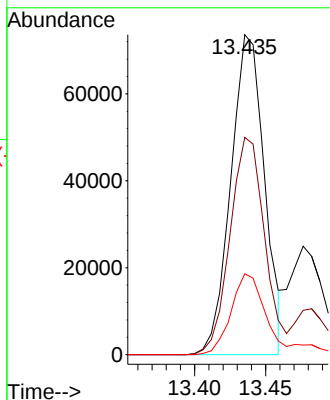
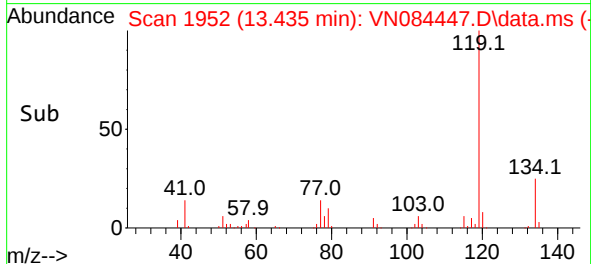
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



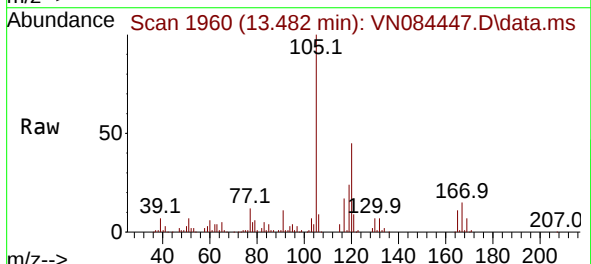
Tgt Ion:119 Resp: 121390
Ion Ratio Lower Upper
119 100
91 70.0 34.1 102.3
134 27.9 12.8 38.4

Manual Integrations
APPROVED

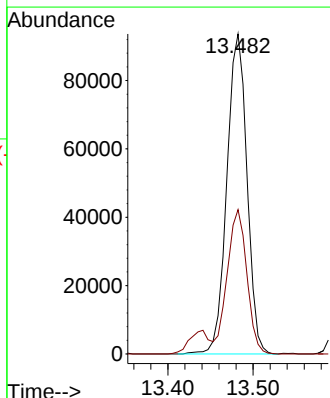
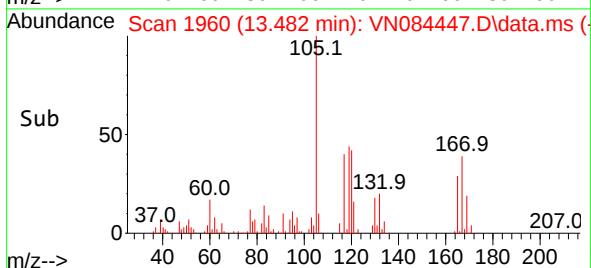
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

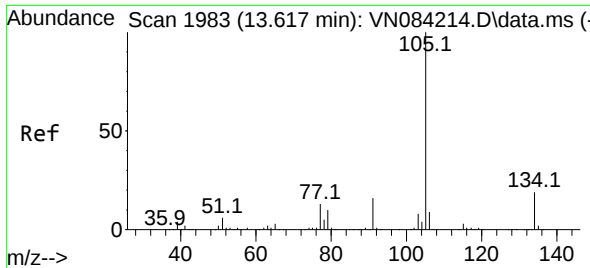


#84
1,2,4-Trimethylbenzene
Concen: 20.889 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40



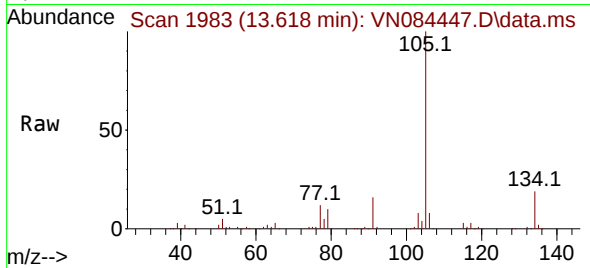
Tgt Ion:105 Resp: 153655
Ion Ratio Lower Upper
105 100
120 44.1 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 19.909 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084447.D
 Acq: 21 Oct 2024 19:40

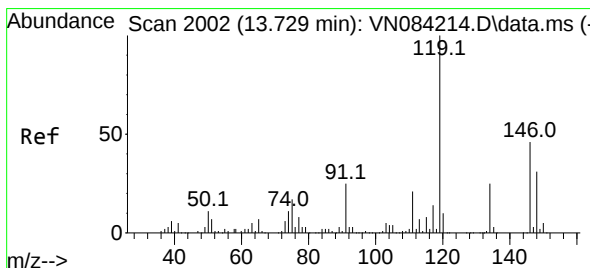
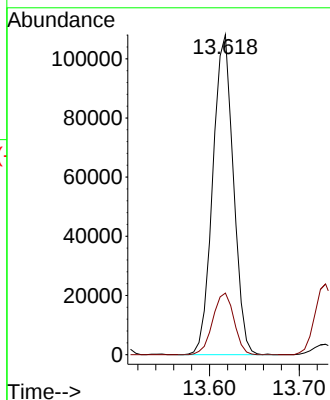
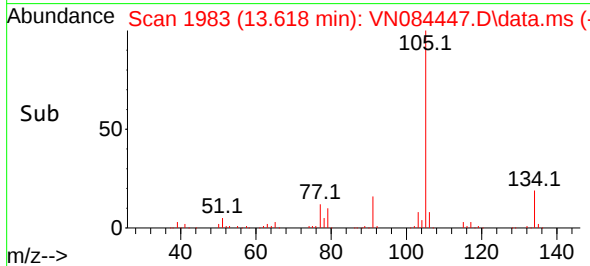
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021MBS02



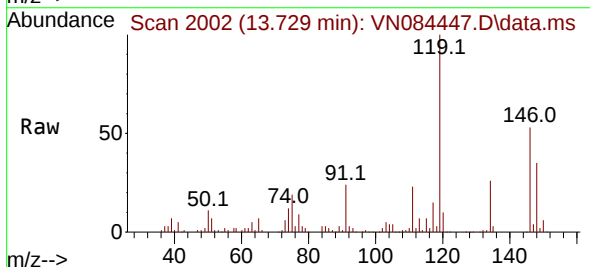
Tgt Ion:105 Resp: 17242
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
 APPROVED

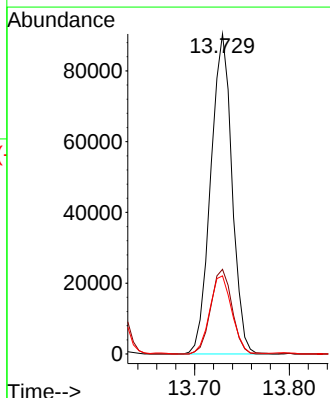
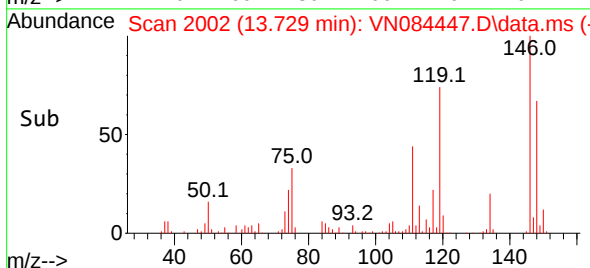
Reviewed By :John Carlone 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024

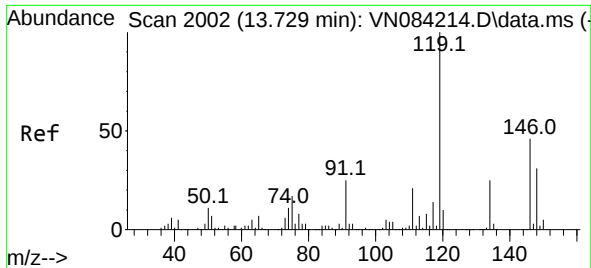


#86
 p-Isopropyltoluene
 Concen: 19.660 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084447.D
 Acq: 21 Oct 2024 19:40



Tgt Ion:119 Resp: 140792
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.6 37.8
 91 25.5 12.4 37.2





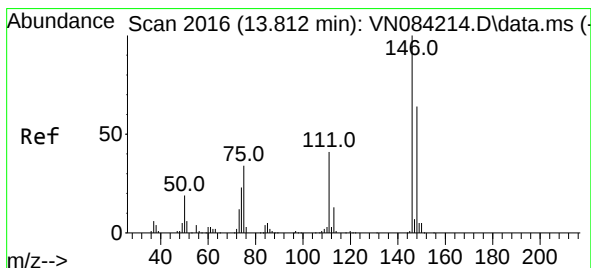
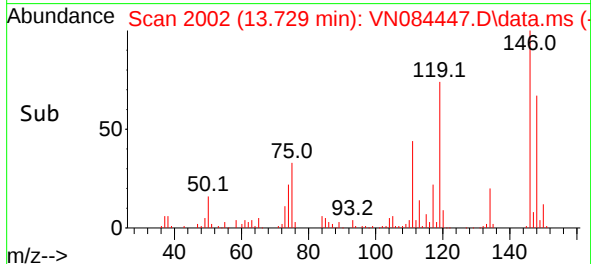
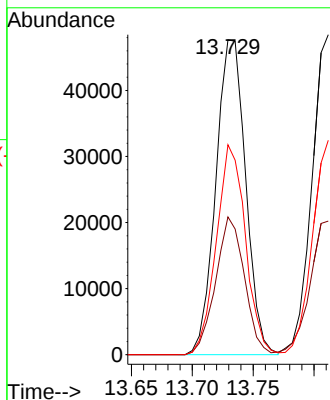
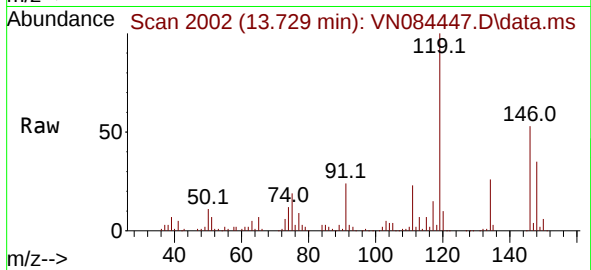
#87
 1,3-Dichlorobenzene
 Concen: 20.083 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084447.D
 Acq: 21 Oct 2024 19:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021MBS02

Tgt Ion:146 Resp: 81350
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.8 65.3
 148 65.1 31.9 95.7

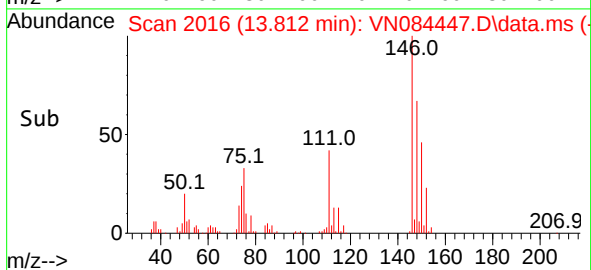
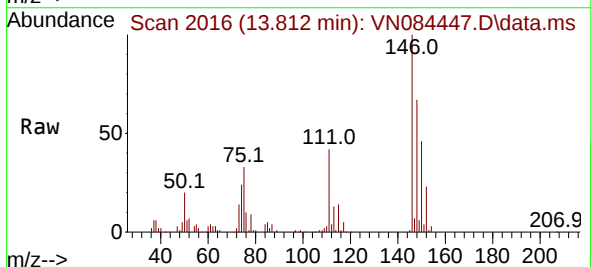
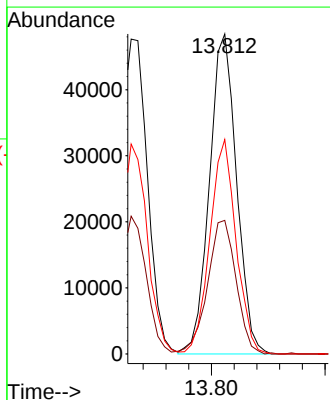
Manual Integrations
 APPROVED

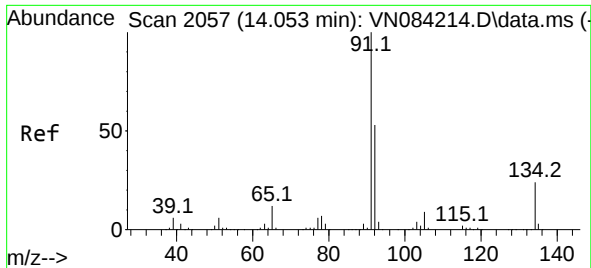
Reviewed By :John Carlone 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024



#88
 1,4-Dichlorobenzene
 Concen: 19.659 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN084447.D
 Acq: 21 Oct 2024 19:40

Tgt Ion:146 Resp: 80418
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.2 63.6
 148 64.7 31.9 95.9





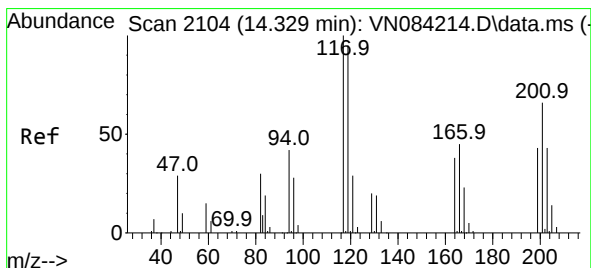
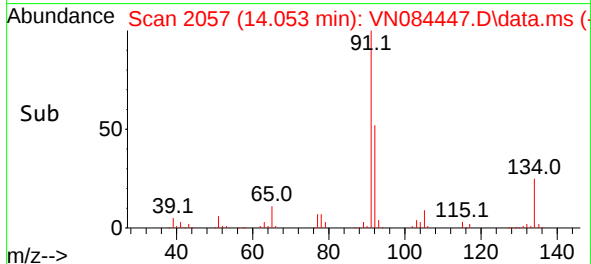
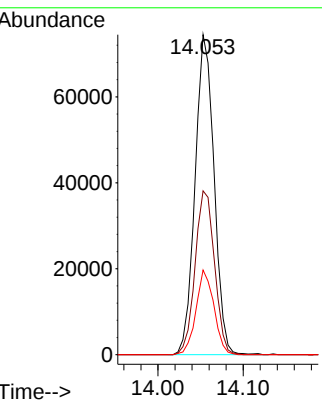
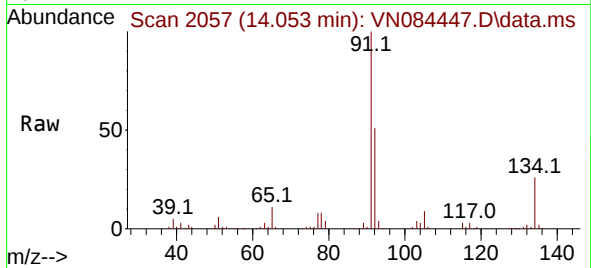
#89
n-Butylbenzene
Concen: 17.800 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02

Tgt Ion: 91 Resp: 11558
Ion Ratio Lower Upper
91 100
92 52.4 26.6 79.7
134 25.0 12.3 36.9

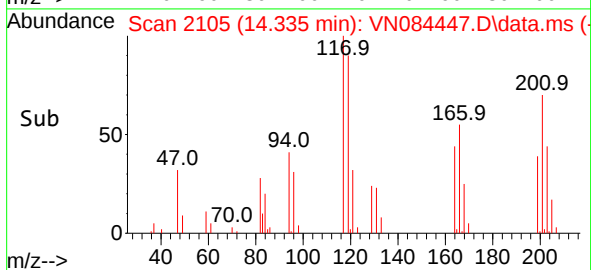
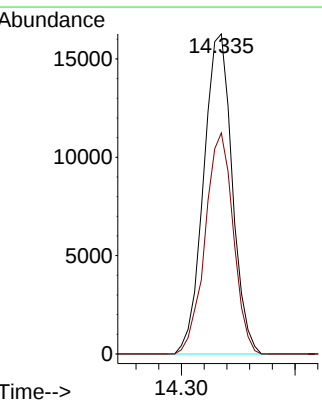
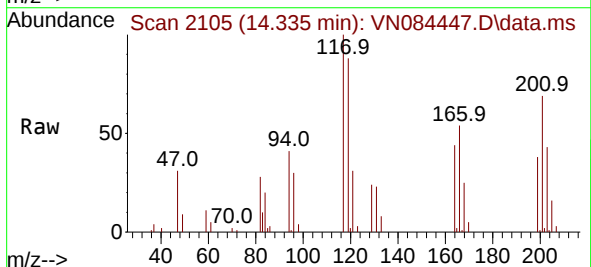
Manual Integrations
APPROVED

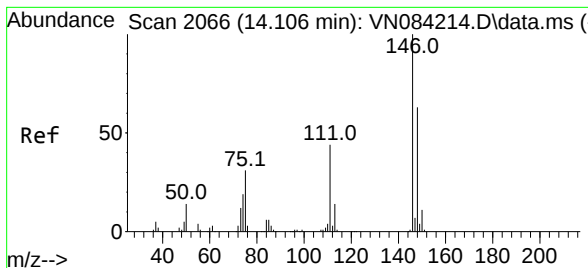
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#90
Hexachloroethane
Concen: 19.549 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Tgt Ion:117 Resp: 28418
Ion Ratio Lower Upper
117 100
201 67.9 34.4 103.2





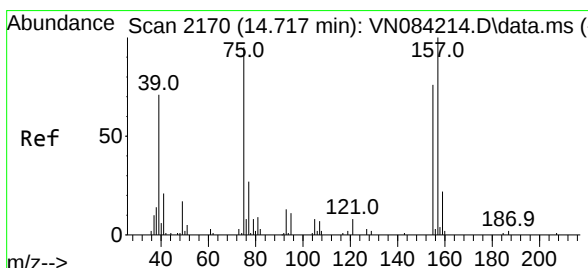
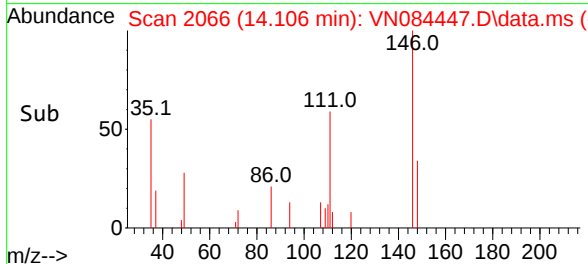
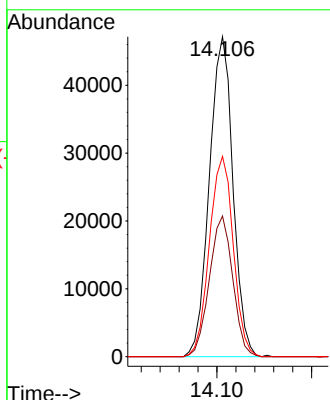
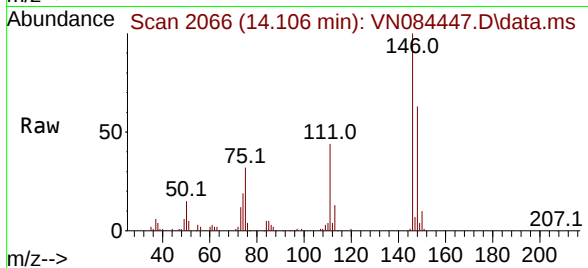
#91
1,2-Dichlorobenzene
Concen: 20.484 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02

Tgt Ion:146 Resp: 81360
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 63.4 32.1 96.3

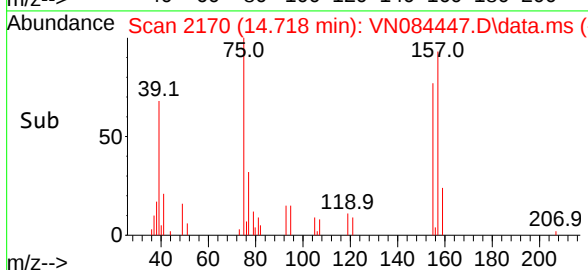
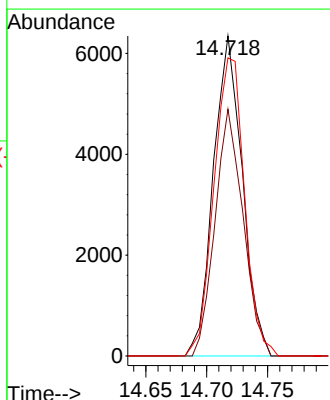
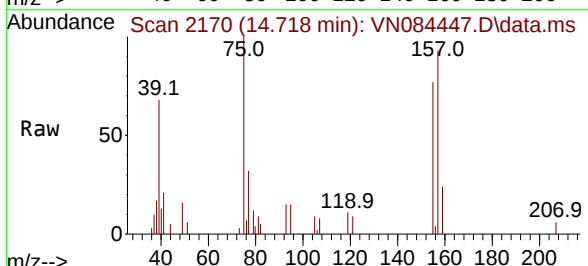
Manual Integrations
APPROVED

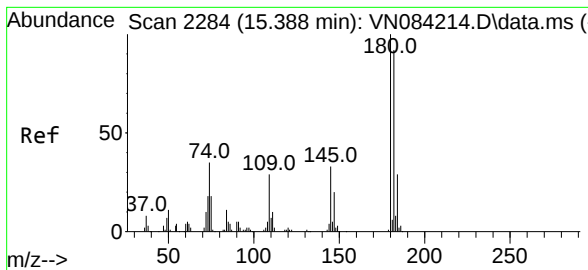
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.893 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

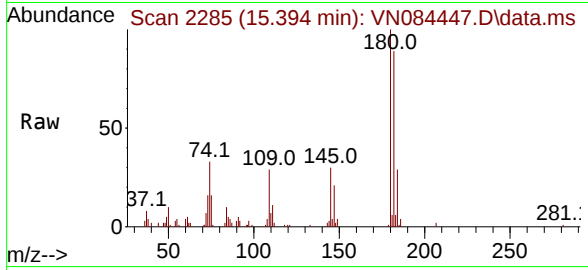
Tgt Ion: 75 Resp: 10494
Ion Ratio Lower Upper
75 100
155 75.1 38.1 114.5
157 98.5 49.6 149.0





#93
 1,2,4-Trichlorobenzene
 Concen: 18.368 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084447.D
 Acq: 21 Oct 2024 19:40

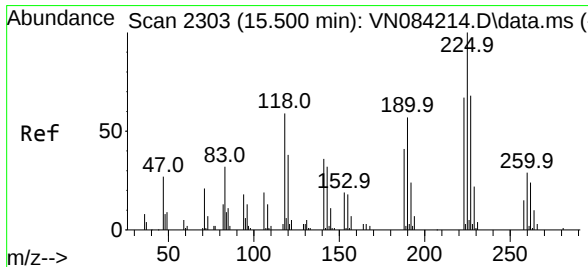
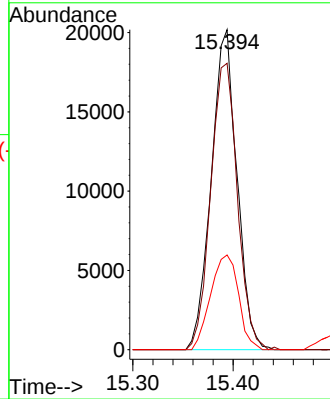
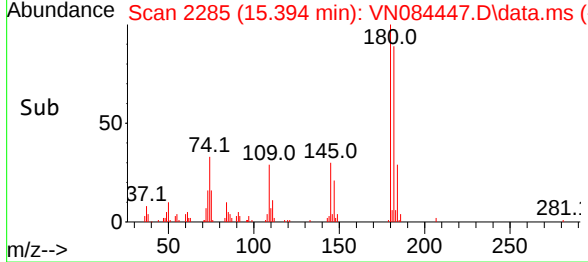
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021MBS02



Tgt Ion:180 Resp: 3593
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.0 141.0
 145 32.1 16.4 49.4

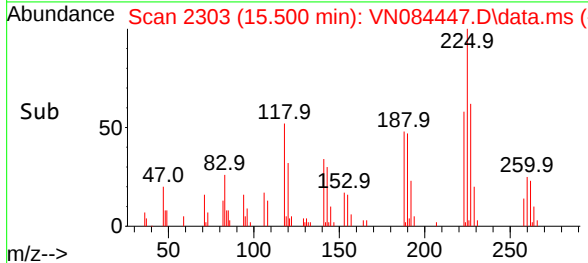
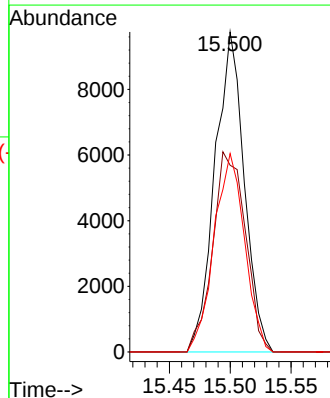
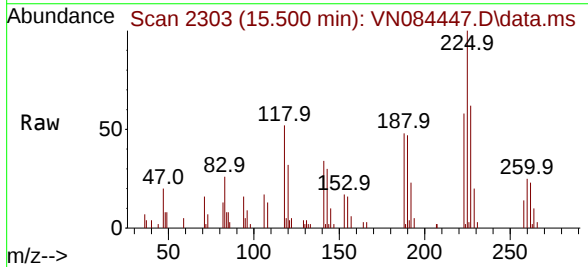
Manual Integrations
 APPROVED

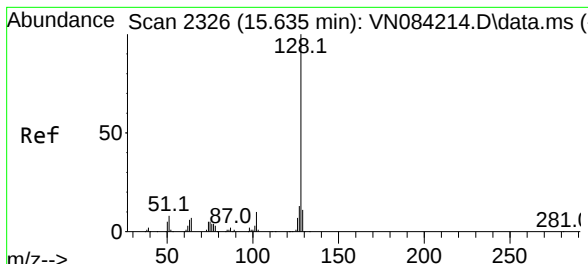
Reviewed By :John Carlone 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024



#94
 Hexachlorobutadiene
 Concen: 16.737 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN084447.D
 Acq: 21 Oct 2024 19:40

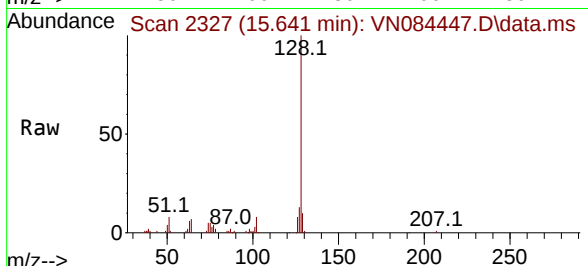
Tgt Ion:225 Resp: 16329
 Ion Ratio Lower Upper
 225 100
 223 69.5 32.4 97.2
 227 64.7 32.4 97.0





#95
Naphthalene
Concen: 16.462 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40

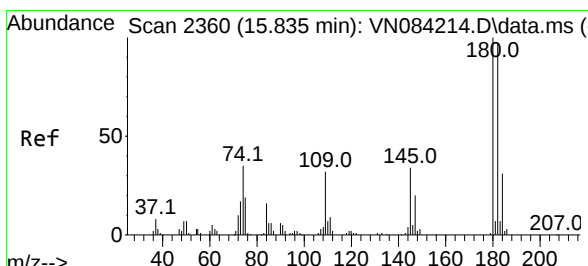
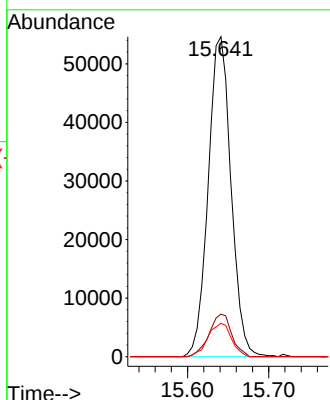
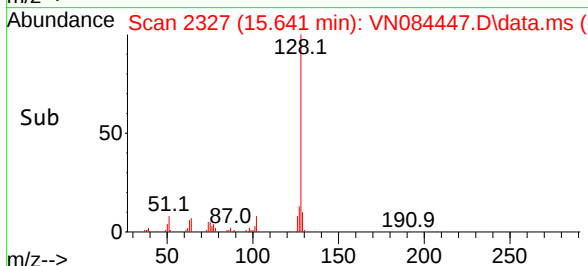
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBS02



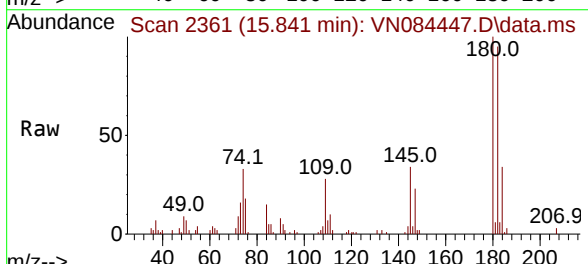
Tgt Ion:128 Resp: 10676
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.513 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN084447.D
Acq: 21 Oct 2024 19:40



Tgt Ion:180 Resp: 36255
Ion Ratio Lower Upper
180 100
182 95.5 48.2 144.6
145 33.9 17.3 51.9

