

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084428.D
 Acq On : 21 Oct 2024 11:38
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 22 01:29:31 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124506	53.365	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.740%			
35) Dibromofluoromethane	8.165	113	101751	58.729	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.460%			
50) Toluene-d8	10.565	98	376165	59.014	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 118.020%#			
62) 4-Bromofluorobenzene	12.847	95	137246	59.102	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 118.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	83308	44.759	ug/l	98
3) Chloromethane	2.359	50	94679	44.550	ug/l	98
4) Vinyl Chloride	2.512	62	93996	45.660	ug/l	97
5) Bromomethane	2.936	94	58206	42.866	ug/l	93
6) Chloroethane	3.106	64	63113	42.808	ug/l	94
7) Trichlorofluoromethane	3.489	101	164207	51.224	ug/l	99
8) Diethyl Ether	3.959	74	59329	49.902	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	94908	51.670	ug/l	99
10) Methyl Iodide	4.583	142	116312	49.171	ug/l	96
11) Tert butyl alcohol	5.530	59	94486	245.606	ug/l	100
12) 1,1-Dichloroethene	4.342	96	89116	50.300	ug/l	98
13) Acrolein	4.177	56	85169	192.843	ug/l	100
14) Allyl chloride	5.018	41	134288	43.643	ug/l	98
15) Acrylonitrile	5.718	53	275307	283.386	ug/l	99
16) Acetone	4.430	43	249463	248.905	ug/l	100
17) Carbon Disulfide	4.706	76	224021	39.937	ug/l	99
18) Methyl Acetate	5.024	43	143956	65.900	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	319663	53.457	ug/l	98
20) Methylene Chloride	5.271	84	105509	51.787	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	93324	50.278	ug/l	94
22) Diisopropyl ether	6.671	45	336994	52.949	ug/l	99
23) Vinyl Acetate	6.606	43	1190800	252.258	ug/l	100
24) 1,1-Dichloroethane	6.571	63	187107	52.570	ug/l	98
25) 2-Butanone	7.483	43	367222	269.013	ug/l	99
26) 2,2-Dichloropropane	7.488	77	159617	49.738	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	118267	52.728	ug/l	96
28) Bromochloromethane	7.812	49	83905	52.836	ug/l	93
29) Tetrahydrofuran	7.841	42	238619	283.258	ug/l	98
30) Chloroform	7.965	83	201405	54.476	ug/l	98
31) Cyclohexane	8.259	56	150876	43.659	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	175417	52.830	ug/l	98
36) 1,1-Dichloropropene	8.371	75	130914	52.021	ug/l	98
37) Ethyl Acetate	7.559	43	137280	53.172	ug/l	98
38) Carbon Tetrachloride	8.359	117	149628	54.202	ug/l	97
39) Methylcyclohexane	9.600	83	137117	48.955	ug/l	97
40) Benzene	8.606	78	429647	54.796	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
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Manual Integrations
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Reviewed By :John Carlone 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	79086	56.424	ug/l	96
42) 1,2-Dichloroethane	8.671	62	144178	54.240	ug/l	99
43) Isopropyl Acetate	8.688	43	233616	46.197	ug/l	98
44) Trichloroethene	9.353	130	98494	53.784	ug/l	100
45) 1,2-Dichloropropane	9.618	63	105490	56.873	ug/l	96
46) Dibromomethane	9.706	93	74735	59.706	ug/l	98
47) Bromodichloromethane	9.888	83	159166	57.235	ug/l #	96
48) Methyl methacrylate	9.682	41	112649	55.960	ug/l	99
49) 1,4-Dioxane	9.694	88	46681	1259.594	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	757152	308.066	ug/l	99
52) Toluene	10.629	92	268859	56.231	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	157928	55.712	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	171021	56.089	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	104404	60.910	ug/l	97
56) Ethyl methacrylate	10.871	69	164383	58.283	ug/l	96
57) 1,3-Dichloropropane	11.165	76	176631	57.670	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	397738	303.996	ug/l	97
59) 2-Hexanone	11.194	43	560104	304.908	ug/l	97
60) Dibromochloromethane	11.359	129	122440	60.458	ug/l	99
61) 1,2-Dibromoethane	11.471	107	102008	57.274	ug/l	100
64) Tetrachloroethene	11.100	164	89495	52.523	ug/l	97
65) Chlorobenzene	11.888	112	289014	53.283	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	103631	55.468	ug/l	98
67) Ethyl Benzene	11.965	91	506469	52.799	ug/l	99
68) m/p-Xylenes	12.071	106	394932	111.301	ug/l	99
69) o-Xylene	12.394	106	187215	55.767	ug/l	100
70) Styrene	12.412	104	331204	58.246	ug/l	98
71) Bromoform	12.576	173	81253	59.072	ug/l #	100
73) Isopropylbenzene	12.694	105	484656	49.760	ug/l	100
74) N-amyl acetate	12.494	43	204351	46.332	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	152956	52.226	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	127281m	48.846	ug/l	
77) Bromobenzene	12.976	156	118952	50.631	ug/l	96
78) n-propylbenzene	13.035	91	576662	51.101	ug/l	98
79) 2-Chlorotoluene	13.123	91	354683	49.256	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	416797	52.460	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	58513	53.835	ug/l	90
82) 4-Chlorotoluene	13.218	91	364438	50.275	ug/l	99
83) tert-Butylbenzene	13.435	119	352099	49.862	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	421969	52.722	ug/l	99
85) sec-Butylbenzene	13.617	105	492135	52.226	ug/l	99
86) p-Isopropyltoluene	13.729	119	412249	52.906	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	226954	51.493	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	223977	50.322	ug/l	99
89) n-Butylbenzene	14.053	91	349709	49.495	ug/l	99
90) Hexachloroethane	14.329	117	76242	48.204	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	220370	50.991	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30011	49.657	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	109356	51.373	ug/l	99
94) Hexachlorobutadiene	15.500	225	50783	47.838	ug/l	96
95) Naphthalene	15.641	128	361412	51.214	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	110846	52.021	ug/l	99

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ClientSampleId :
VSTDCCC050

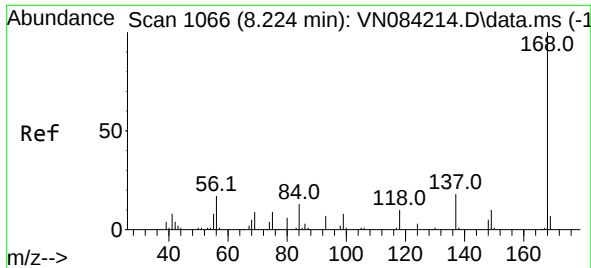
Manual Integrations
APPROVED

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

Quant Time: Oct 22 01:29:31 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

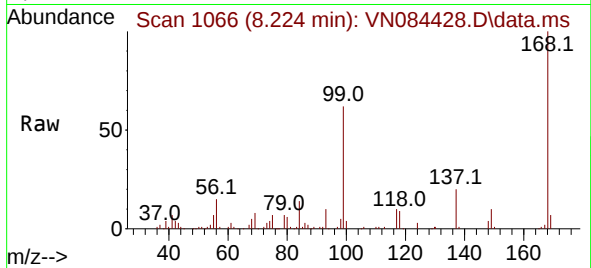
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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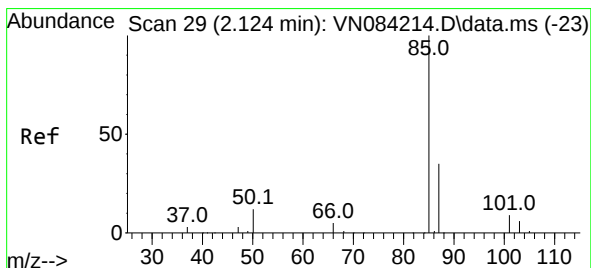
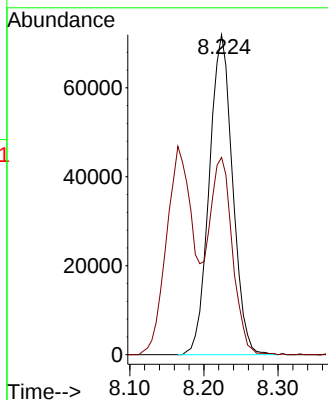
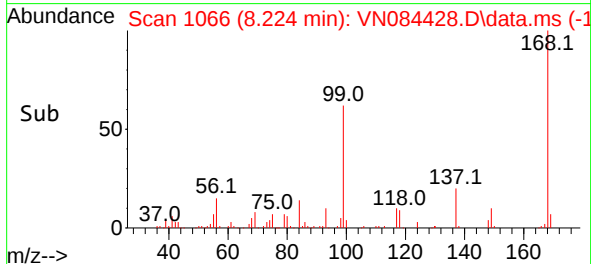
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 15735
Ion Ratio Lower Upper
168 100
99 61.7 54.2 81.2

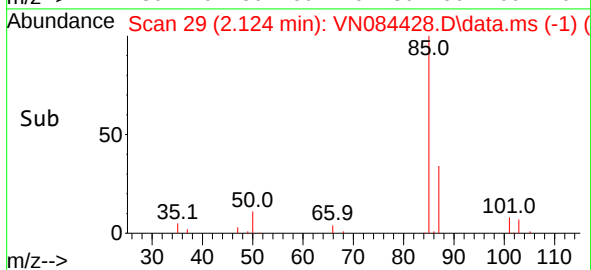
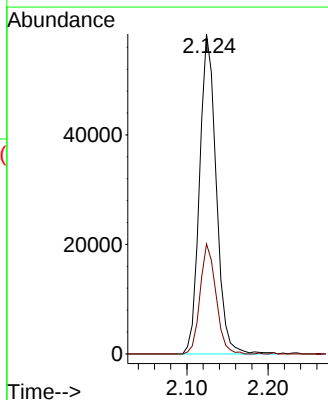
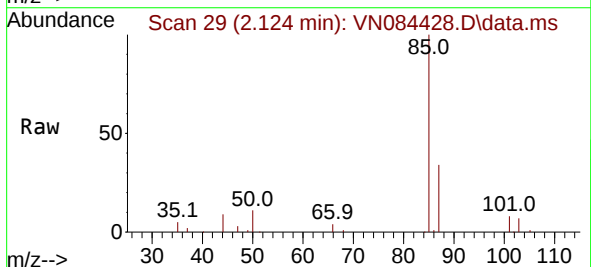
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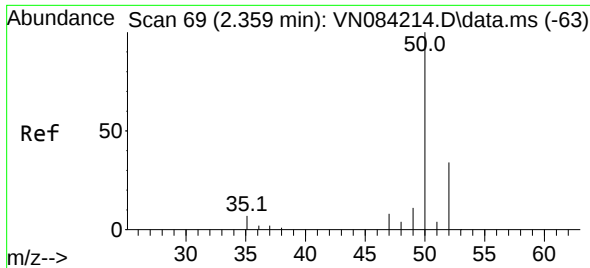
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#2
Dichlorodifluoromethane
Concen: 44.759 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

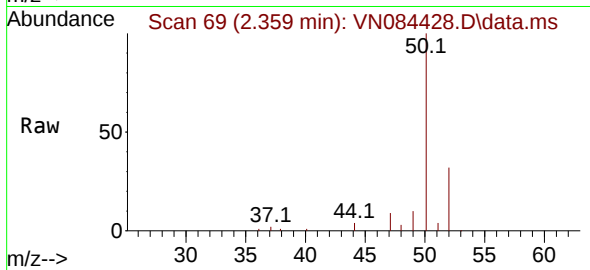
Tgt Ion: 85 Resp: 83308
Ion Ratio Lower Upper
85 100
87 34.4 17.6 52.9





#3
Chloromethane
Concen: 44.550 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

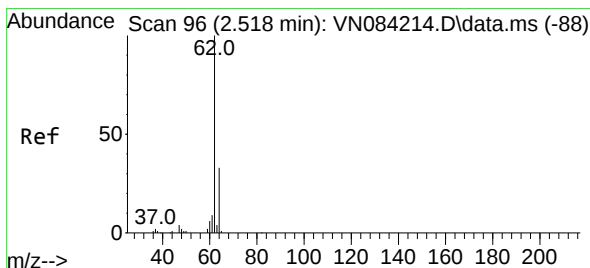
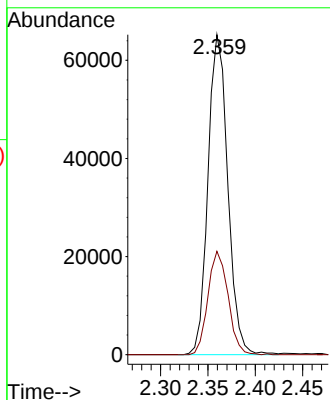
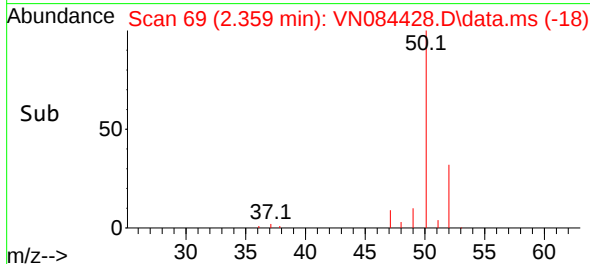
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion: 50 Resp: 94679
Ion Ratio Lower Upper
50 100
52 32.3 26.8 40.2

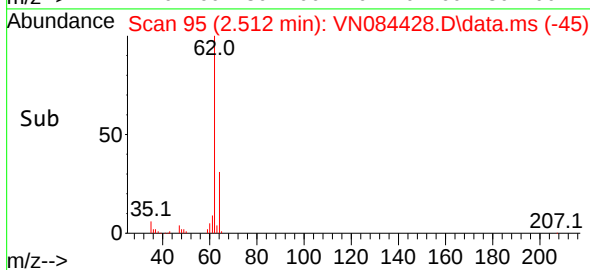
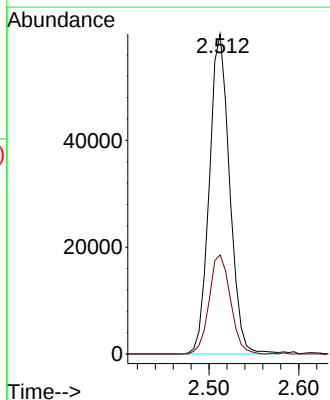
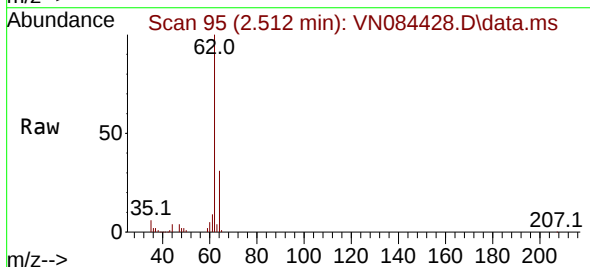
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APPROVED

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#4
Vinyl Chloride
Concen: 45.660 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084428.D
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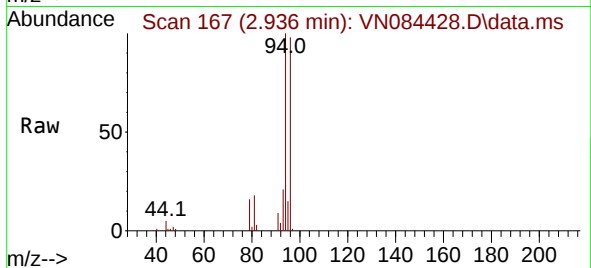
Tgt Ion: 62 Resp: 93996
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.4





#5
Bromomethane
Concen: 42.866 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

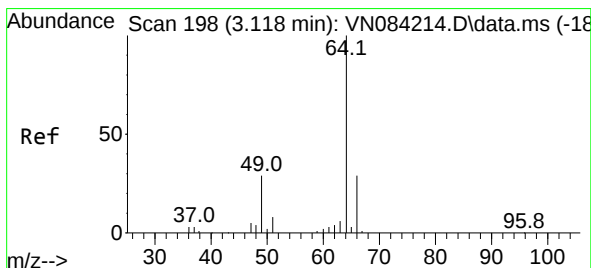
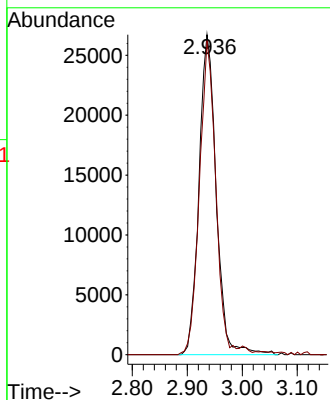
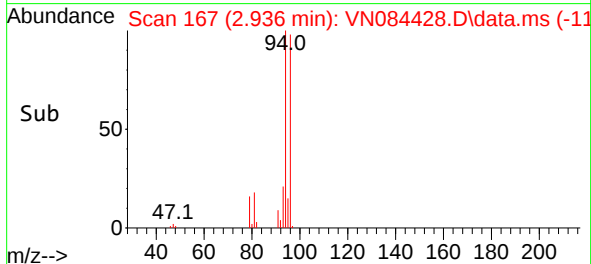
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 58200
Ion Ratio Lower Upper
94 100
96 98.2 72.9 109.3

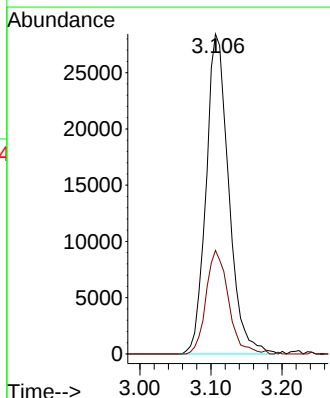
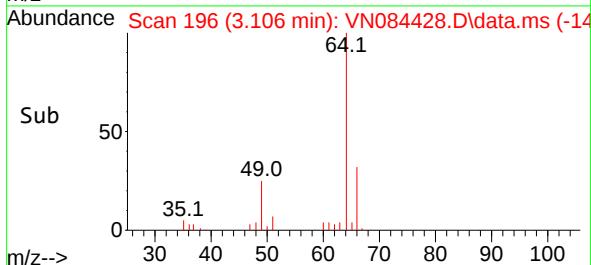
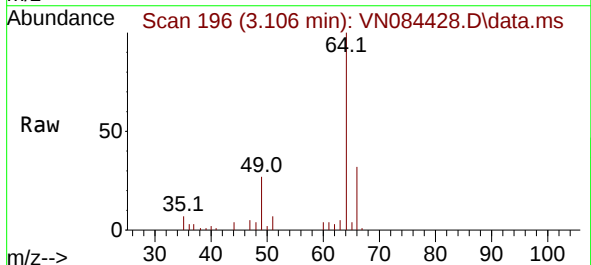
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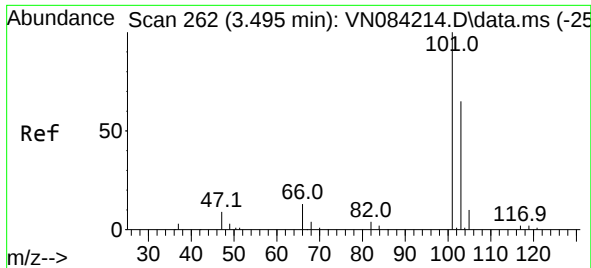
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#6
Chloroethane
Concen: 42.808 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Tgt Ion: 64 Resp: 63113
Ion Ratio Lower Upper
64 100
66 32.4 23.5 35.3





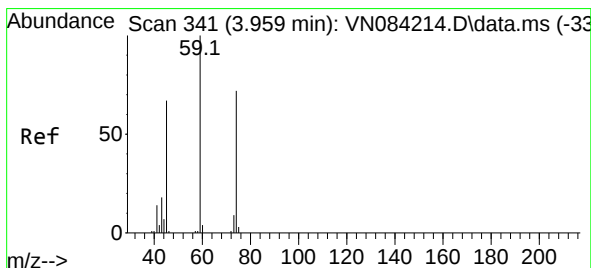
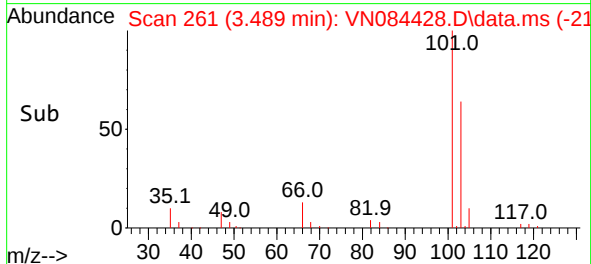
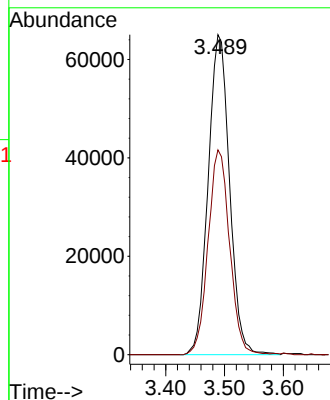
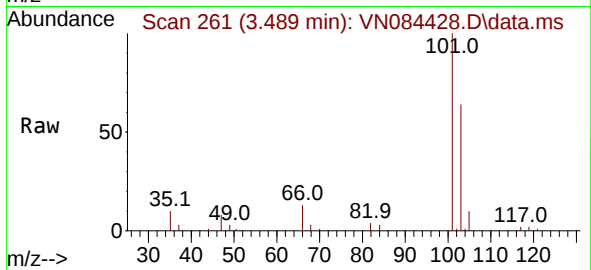
#7
Trichlorofluoromethane
Concen: 51.224 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 16420
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.6

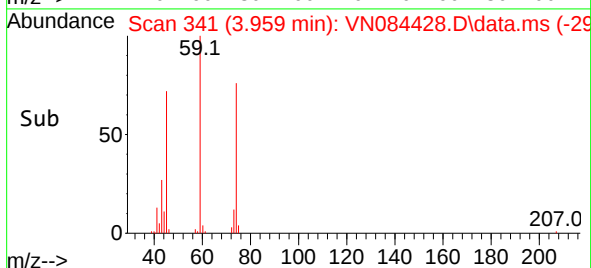
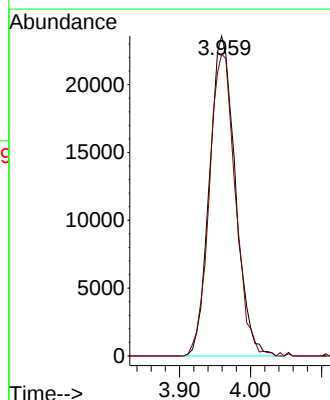
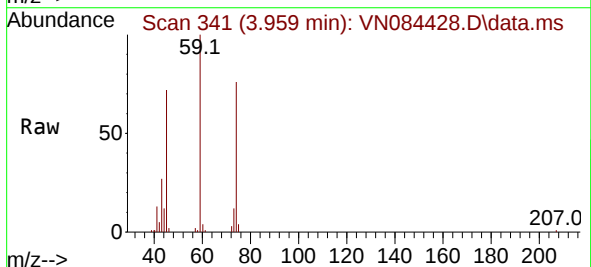
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#8
Diethyl Ether
Concen: 49.902 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Tgt Ion: 74 Resp: 59329
Ion Ratio Lower Upper
74 100
45 95.6 47.7 143.1





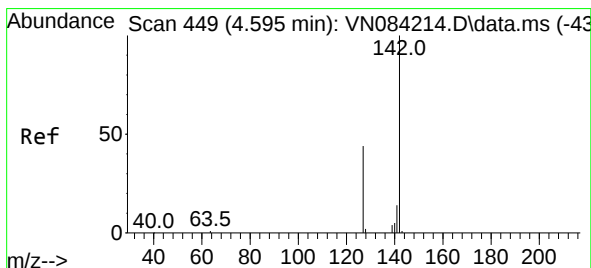
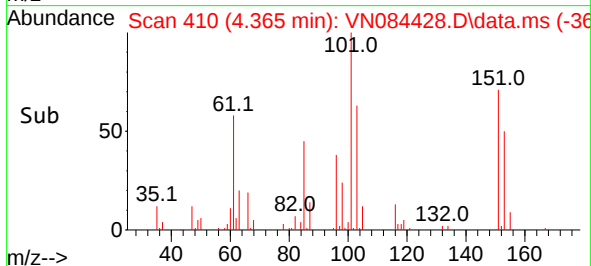
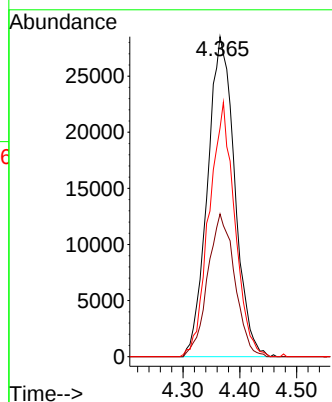
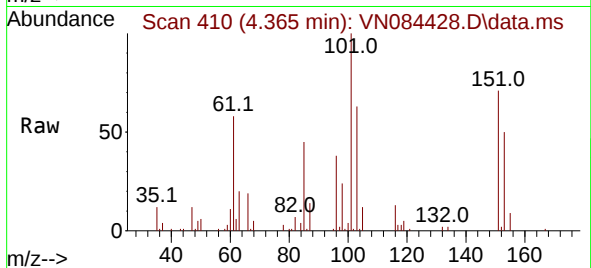
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.670 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN084428.D
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Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 94908
Ion Ratio Lower Upper
101 100
85 44.2 36.2 54.4
151 75.0 59.3 88.9

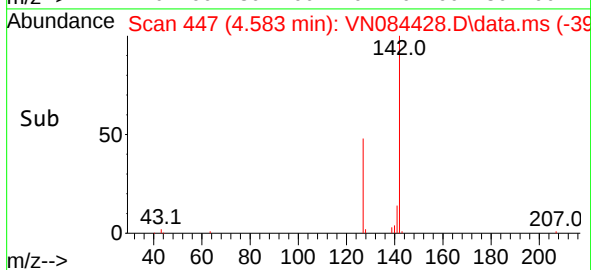
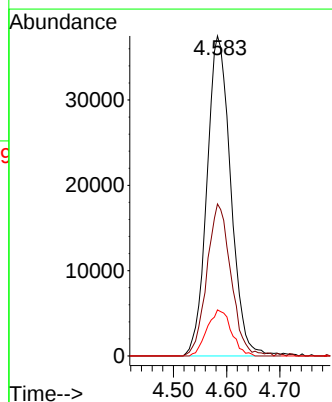
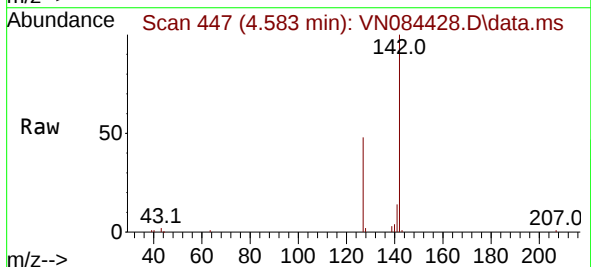
Manual Integrations
APPROVED

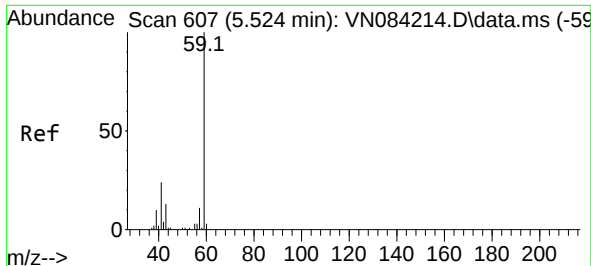
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#10
Methyl Iodide
Concen: 49.171 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Tgt Ion:142 Resp: 116312
Ion Ratio Lower Upper
142 100
127 47.5 35.3 52.9
141 14.4 11.0 16.6





#11

Tert butyl alcohol

Concen: 245.606 ug/l

RT: 5.530 min Scan# 607

Delta R.T. 0.006 min

Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 9448

Ion Ratio Lower Upper

59 100

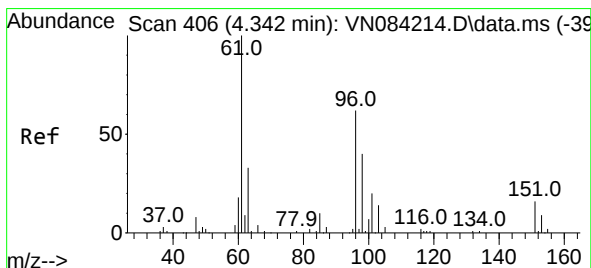
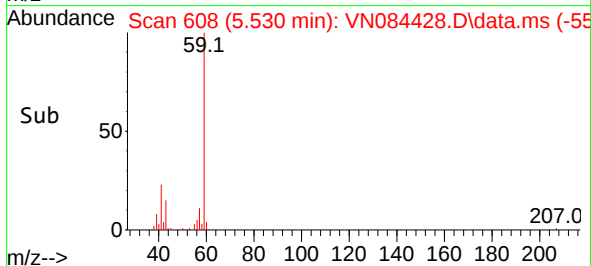
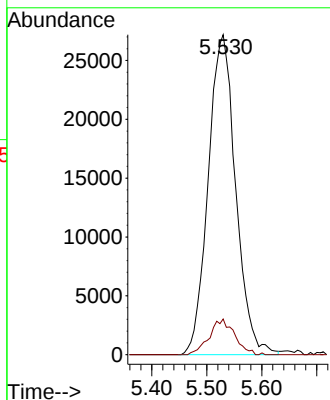
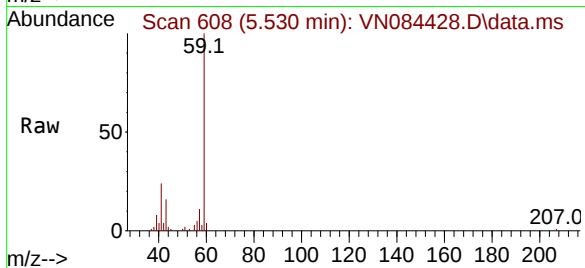
57 10.2 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#12

1,1-Dichloroethene

Concen: 50.300 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

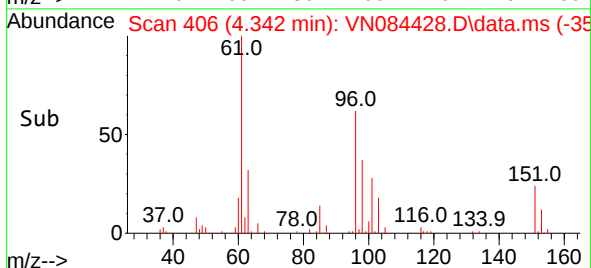
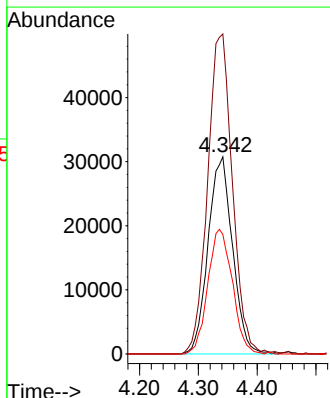
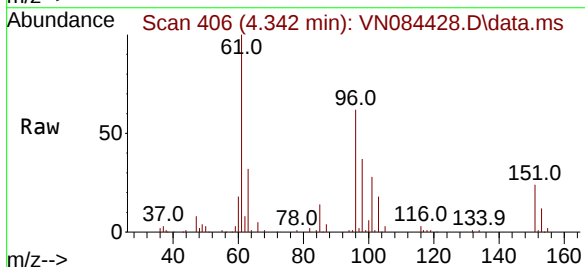
Tgt Ion: 96 Resp: 89116

Ion Ratio Lower Upper

96 100

61 162.3 128.6 192.8

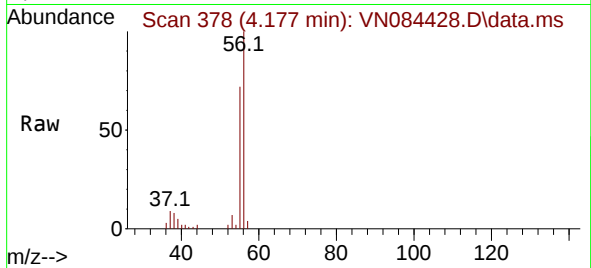
98 60.6 51.7 77.5





#13
Acrolein
Concen: 192.843 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

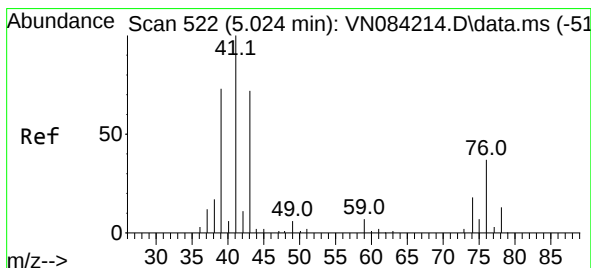
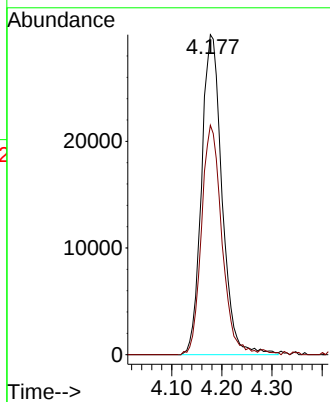
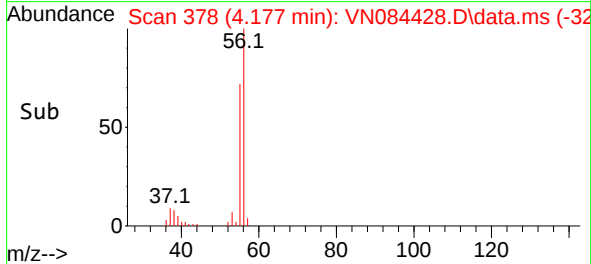
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



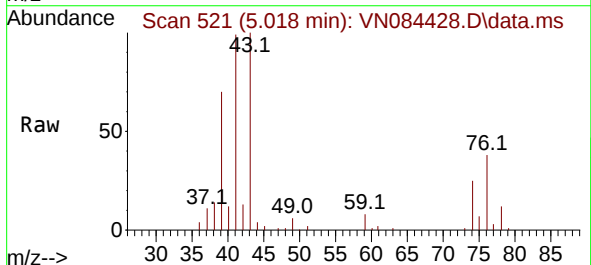
Tgt Ion: 56 Resp: 85169
Ion Ratio Lower Upper
56 100
55 71.1 57.2 85.8

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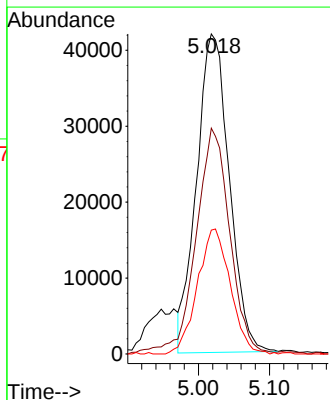
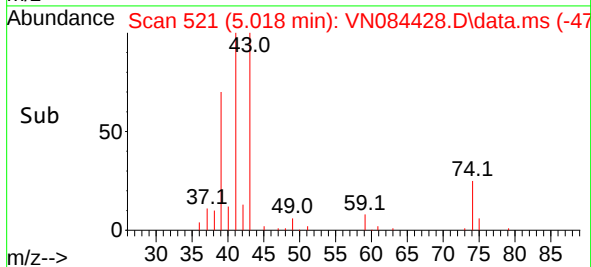
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#14
Allyl chloride
Concen: 43.643 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38



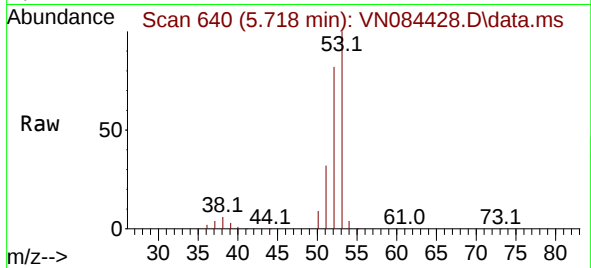
Tgt Ion: 41 Resp: 134288
Ion Ratio Lower Upper
41 100
39 73.1 59.0 88.6
76 39.4 29.8 44.6





#15
Acrylonitrile
Concen: 283.386 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

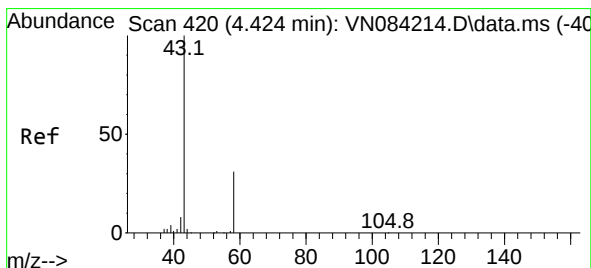
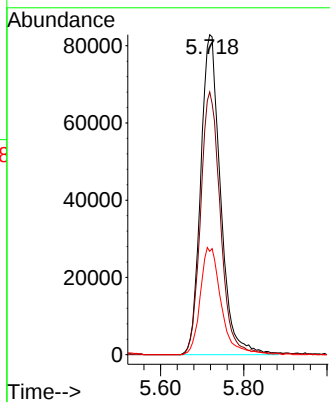
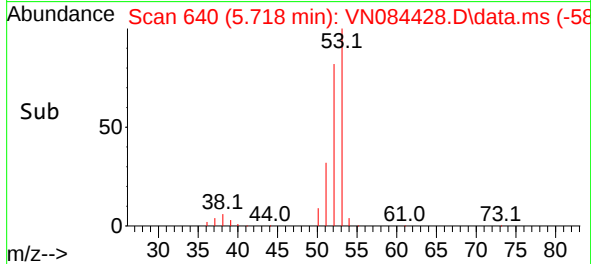
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



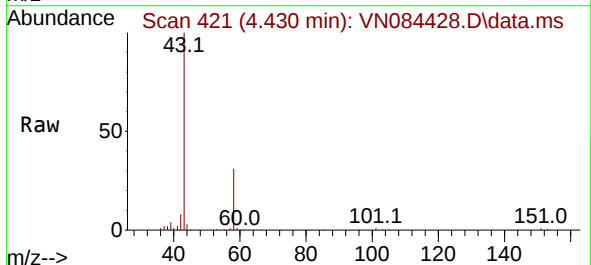
Tgt Ion: 53 Resp: 27530
Ion Ratio Lower Upper
53 100
52 82.1 66.2 99.4
51 35.2 28.8 43.2

Manual Integrations
APPROVED

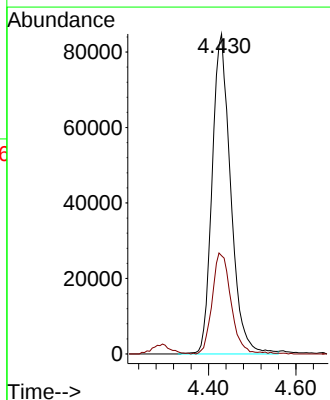
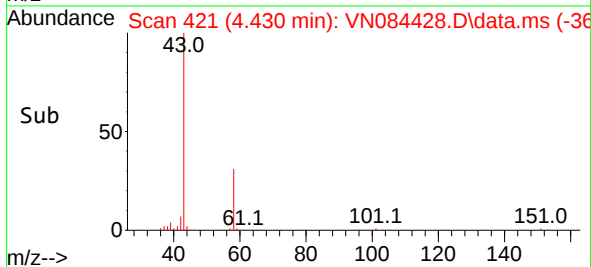
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

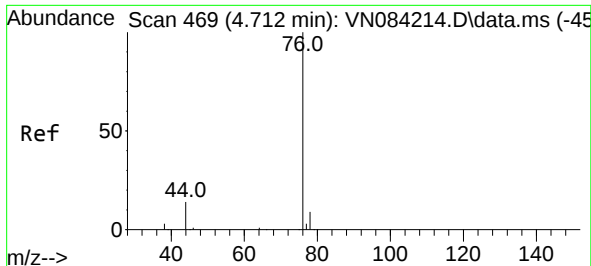


#16
Acetone
Concen: 248.905 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38



Tgt Ion: 43 Resp: 249463
Ion Ratio Lower Upper
43 100
58 30.4 24.4 36.6





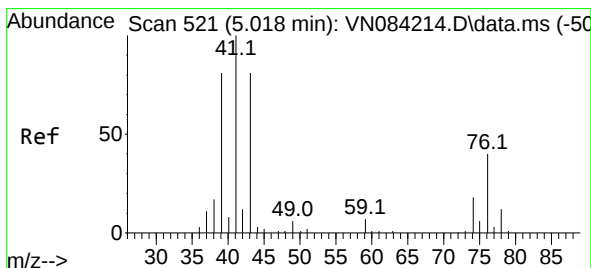
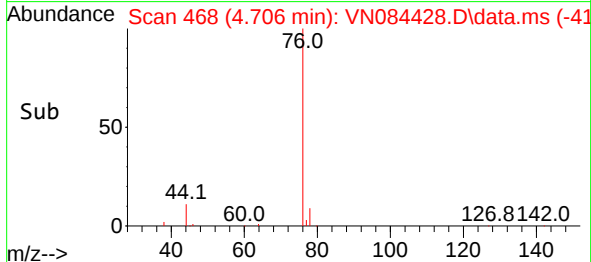
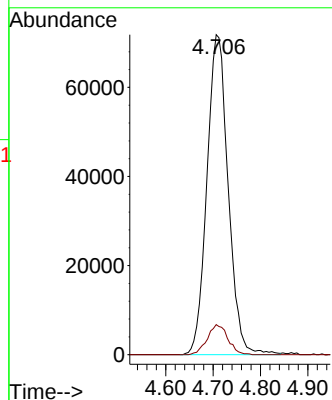
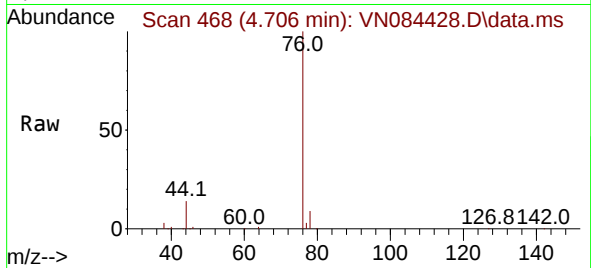
#17
Carbon Disulfide
Concen: 39.937 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 22402
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

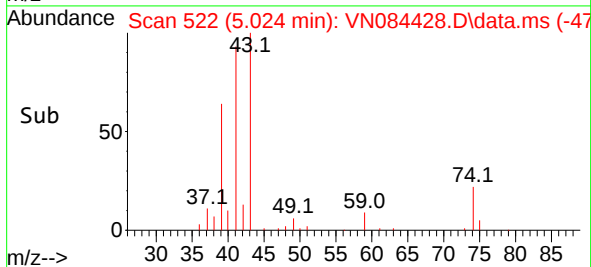
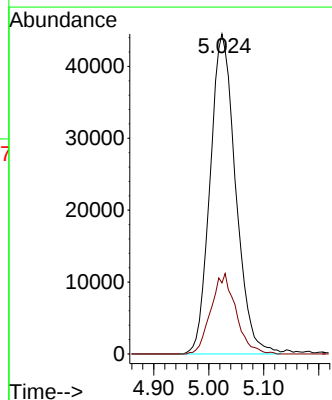
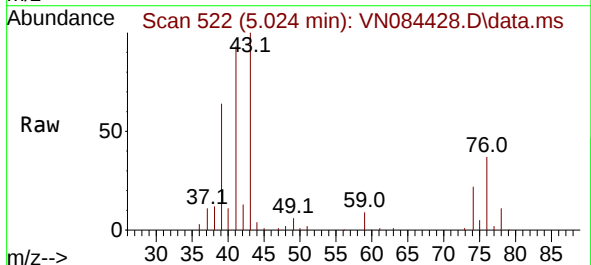
Manual Integrations
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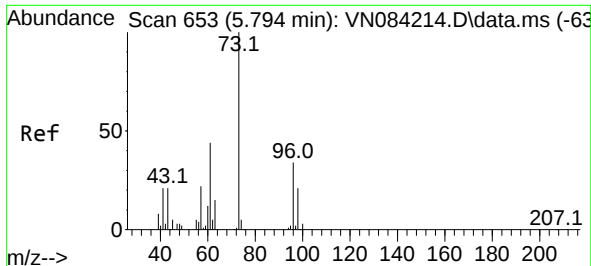
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#18
Methyl Acetate
Concen: 65.900 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Tgt Ion: 43 Resp: 143956
Ion Ratio Lower Upper
43 100
74 24.6 19.2 28.8





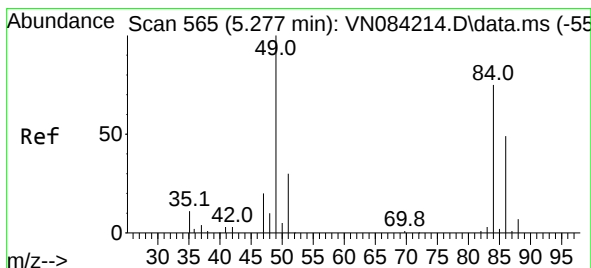
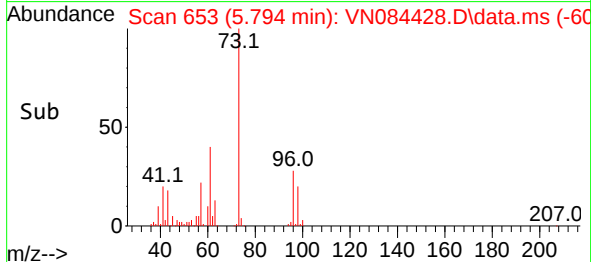
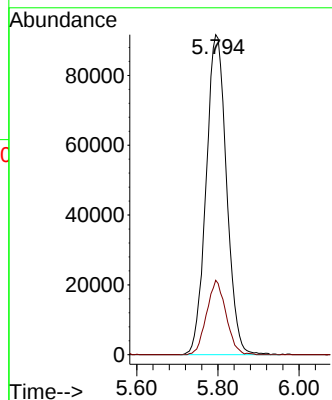
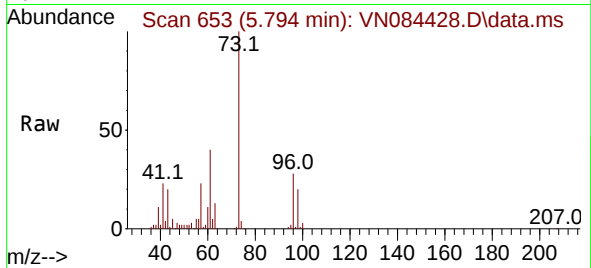
#19
Methyl tert-butyl Ether
Concen: 53.457 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 31966
Ion Ratio Lower Upper
73 100
57 23.3 17.7 26.5

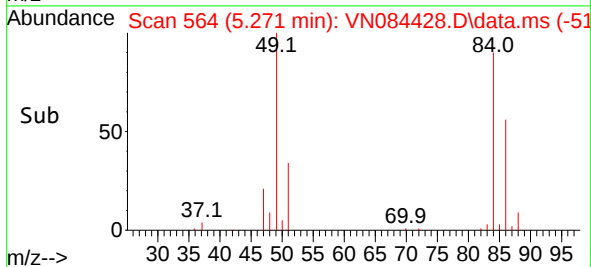
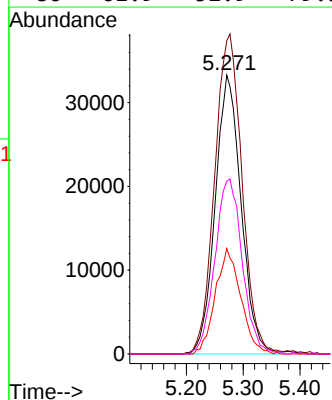
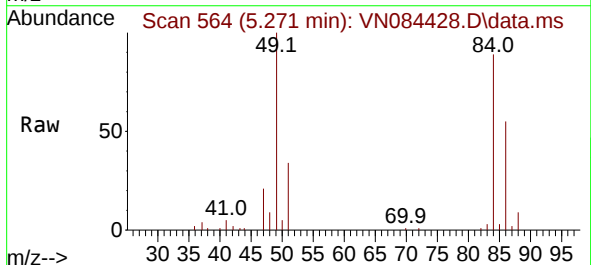
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 51.787 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Tgt Ion: 84 Resp: 105509
Ion Ratio Lower Upper
84 100
49 112.4 107.2 160.8
51 37.8 31.8 47.8
86 61.9 52.9 79.3





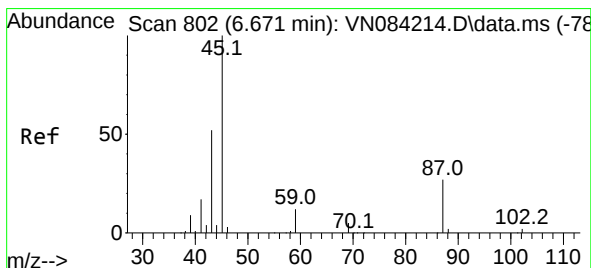
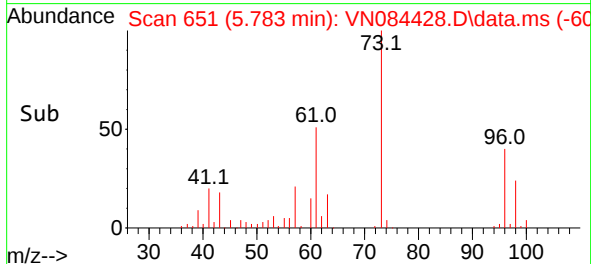
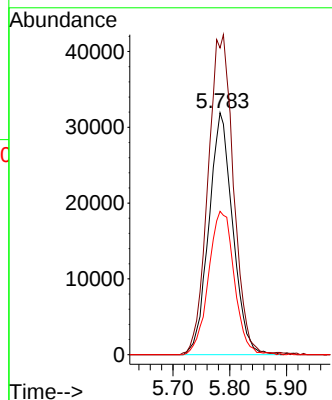
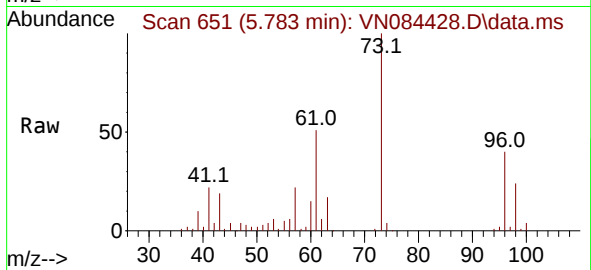
#21
trans-1,2-Dichloroethene
Concen: 50.278 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 93324
Ion Ratio Lower Upper
96 100
61 126.8 108.4 162.6
98 59.2 49.8 74.8

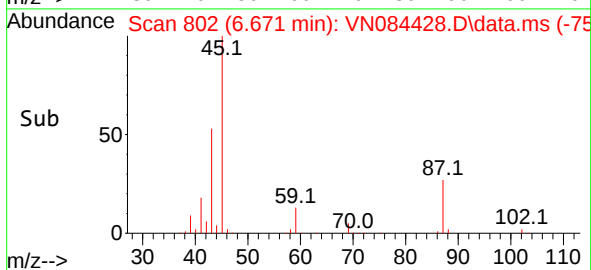
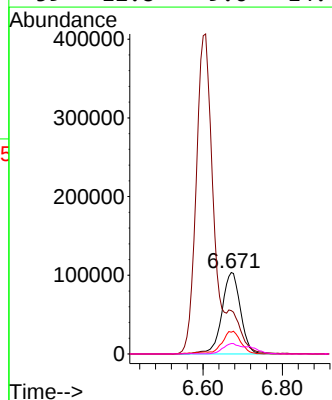
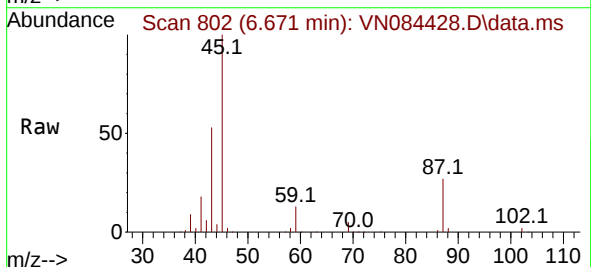
Manual Integrations
APPROVED

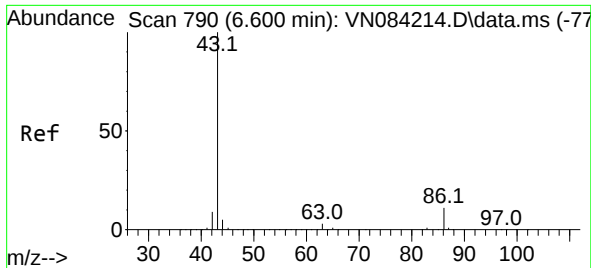
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#22
Diisopropyl ether
Concen: 52.949 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Tgt Ion: 45 Resp: 336994
Ion Ratio Lower Upper
45 100
43 52.6 42.3 63.5
87 26.8 21.8 32.6
59 12.8 9.6 14.4





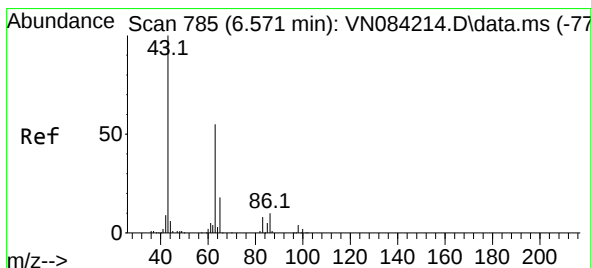
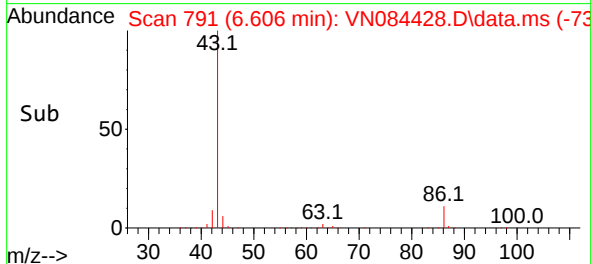
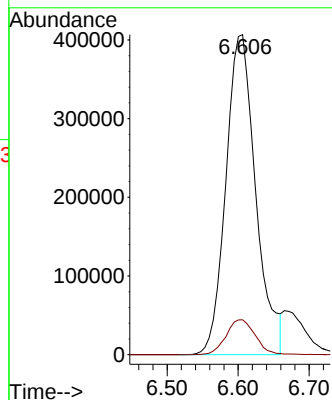
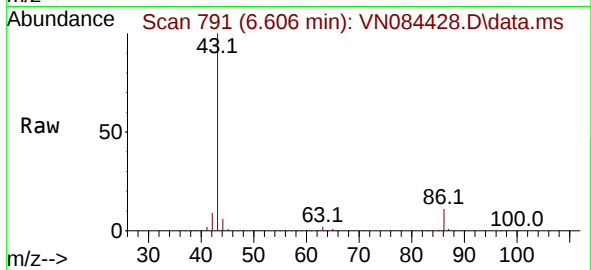
#23
 Vinyl Acetate
 Concen: 252.258 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN084428.D
 Acq: 21 Oct 2024 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1190800
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8

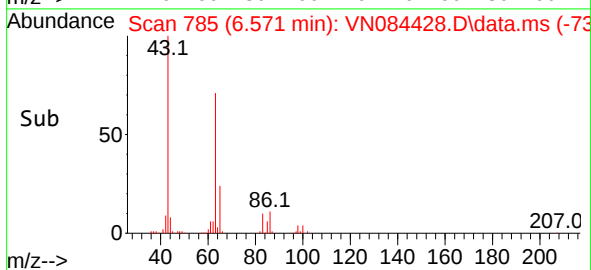
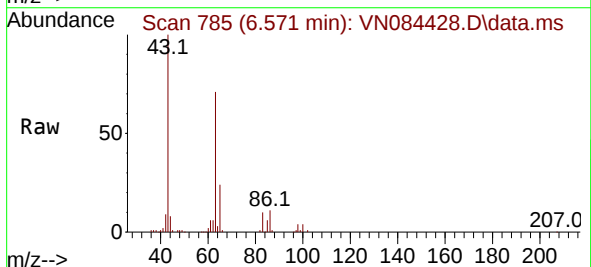
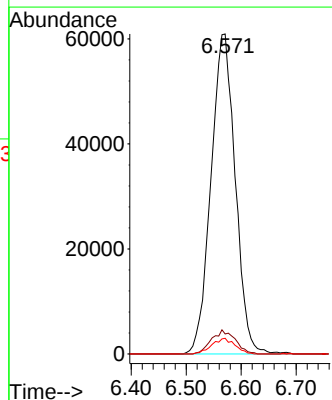
Manual Integrations
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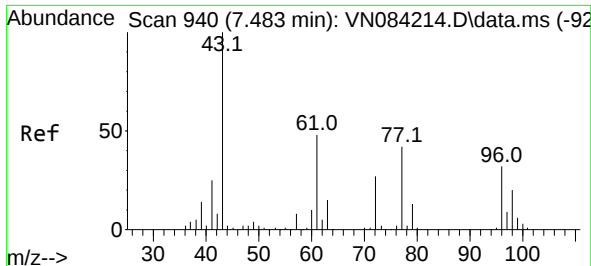
Reviewed By :John Carlone 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024



#24
 1,1-Dichloroethane
 Concen: 52.570 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN084428.D
 Acq: 21 Oct 2024 11:38

Tgt Ion: 63 Resp: 187107
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.2
 100 4.9 2.0 5.8





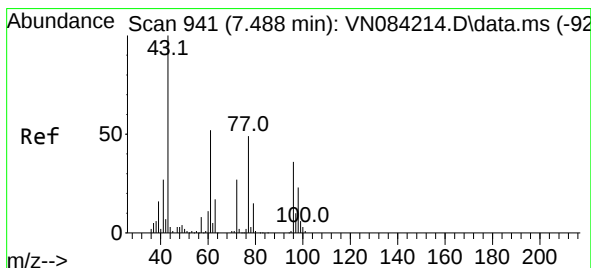
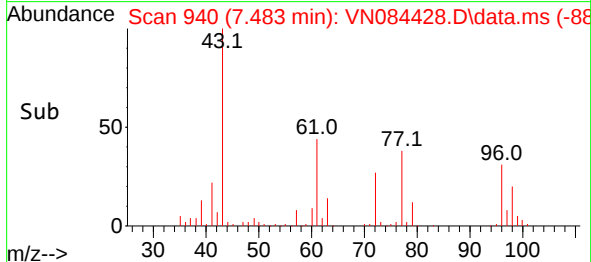
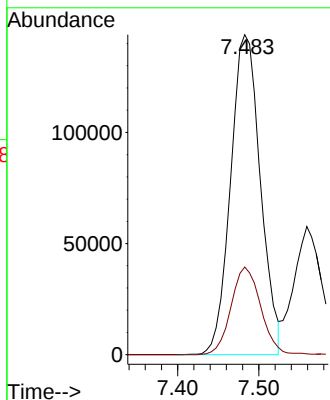
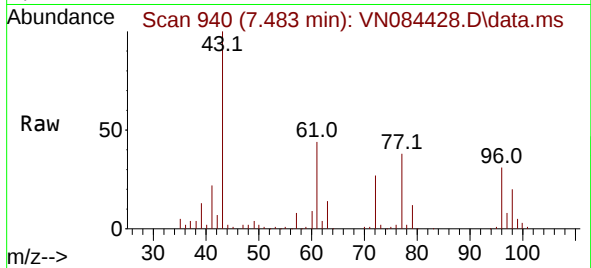
#25
2-Butanone
Concen: 269.013 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 36722
Ion Ratio Lower Upper
43 100
72 27.4 21.4 32.2

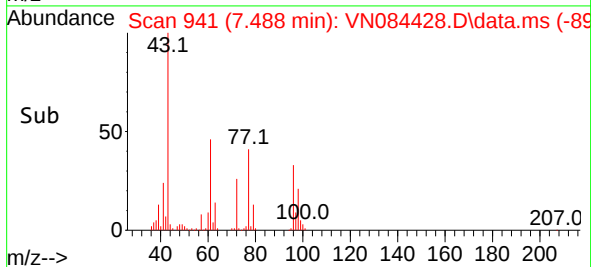
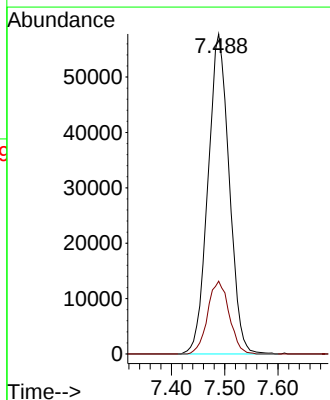
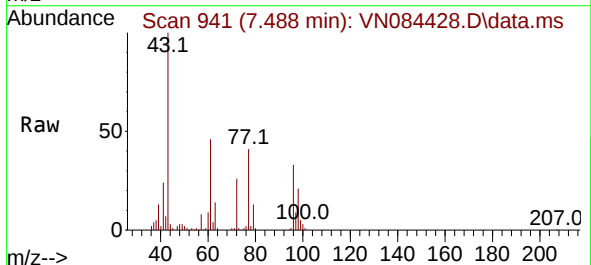
Manual Integrations
APPROVED

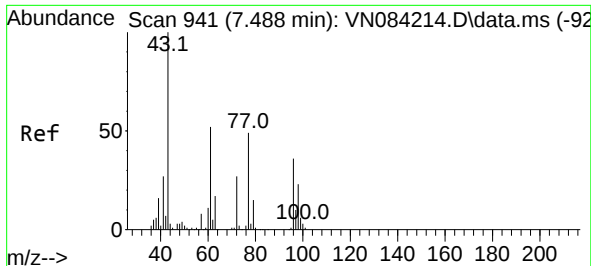
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#26
2,2-Dichloropropane
Concen: 49.738 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

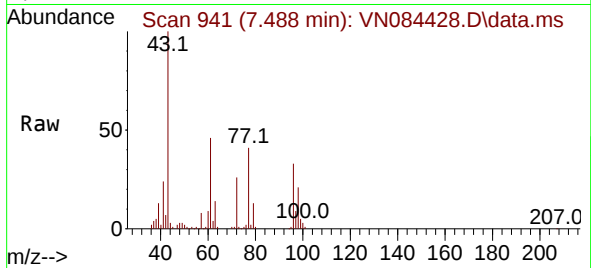
Tgt Ion: 77 Resp: 159617
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 52.728 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN084428.D
 Acq: 21 Oct 2024 11:38

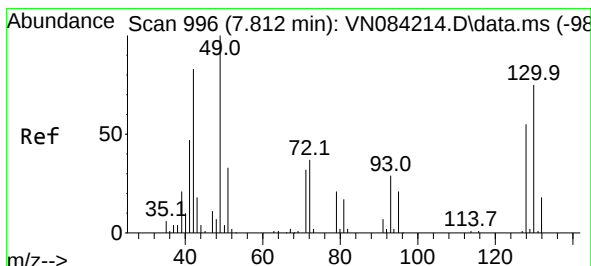
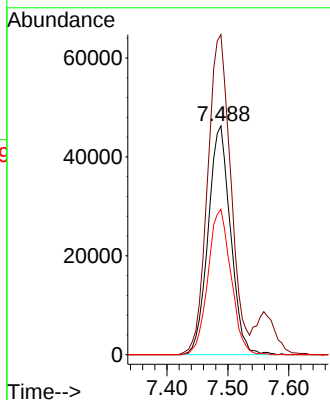
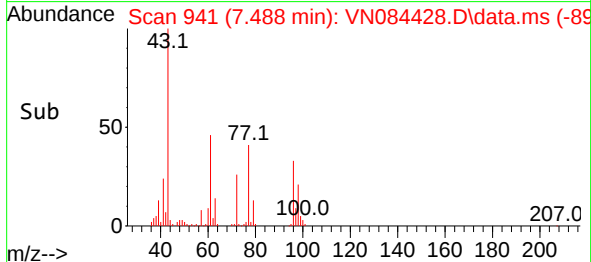
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 11826
 Ion Ratio Lower Upper
 96 100
 61 144.9 0.0 301.8
 98 65.0 0.0 128.2

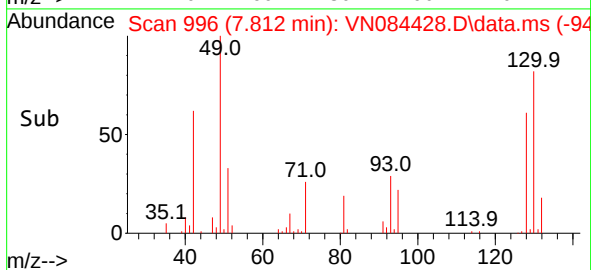
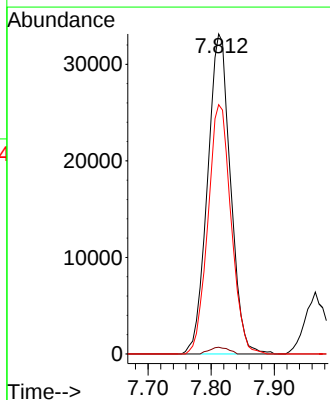
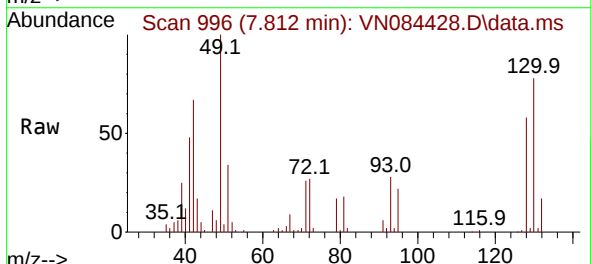
Manual Integrations
 APPROVED

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



#28
 Bromochloromethane
 Concen: 52.836 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN084428.D
 Acq: 21 Oct 2024 11:38

Tgt Ion: 49 Resp: 83905
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 78.3 58.0 87.0





#29

Tetrahydrofuran

Concen: 283.258 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

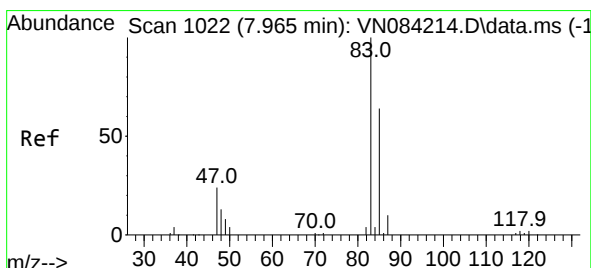
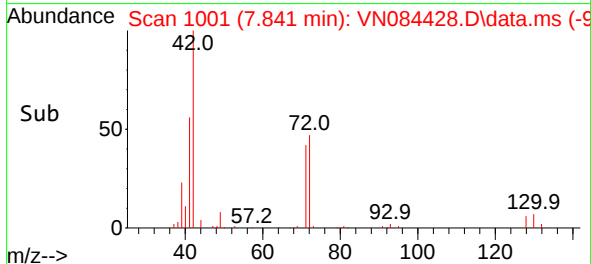
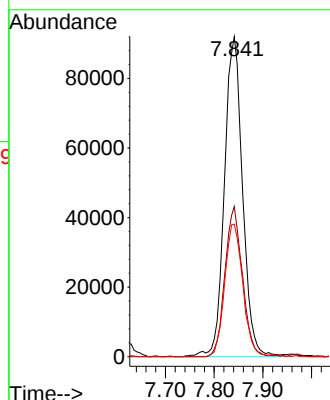
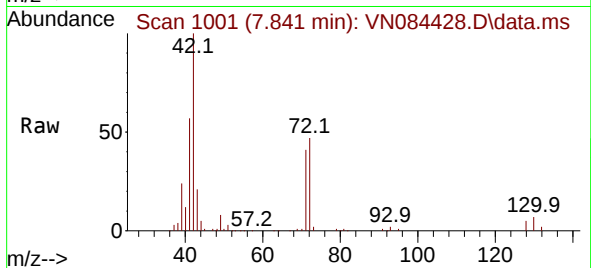
Tgt Ion:	42	Resp:	238619
Ion	Ratio	Lower	Upper
42	100		
72	45.2	34.6	51.8
71	41.3	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#30

Chloroform

Concen: 54.476 ug/l

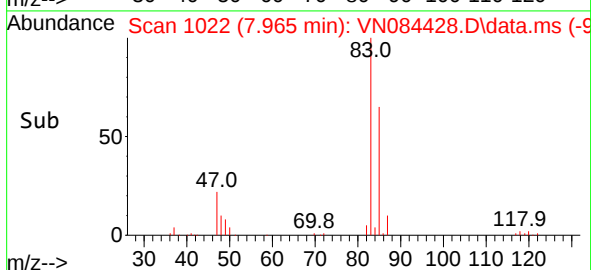
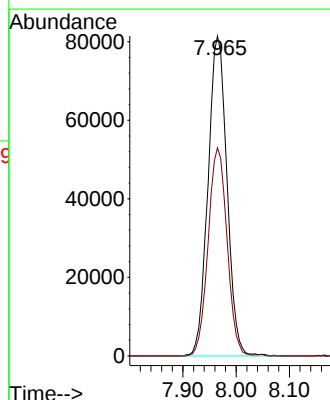
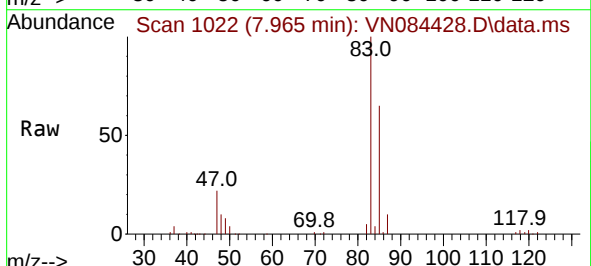
RT: 7.965 min Scan# 1022

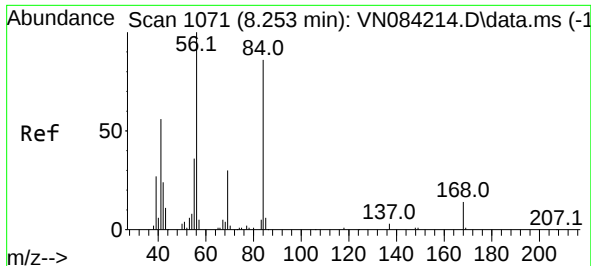
Delta R.T. 0.000 min

Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

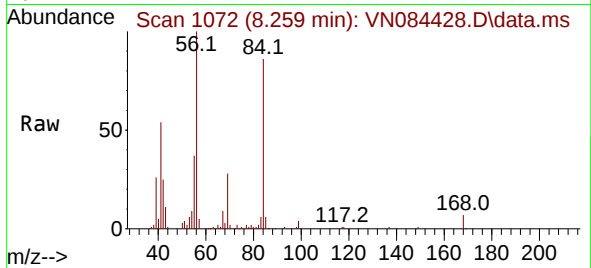
Tgt Ion:	83	Resp:	201405
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.0	76.4





#31
Cyclohexane
Concen: 43.659 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

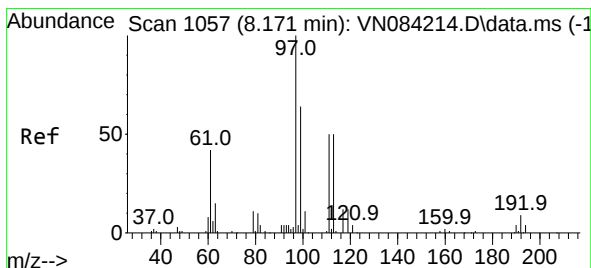
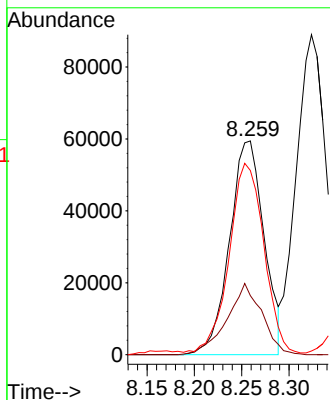
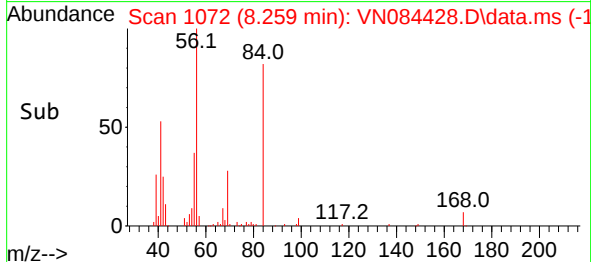
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 150870
Ion Ratio Lower Upper
56 100
69 27.6 23.8 35.6
84 84.5 68.8 103.2

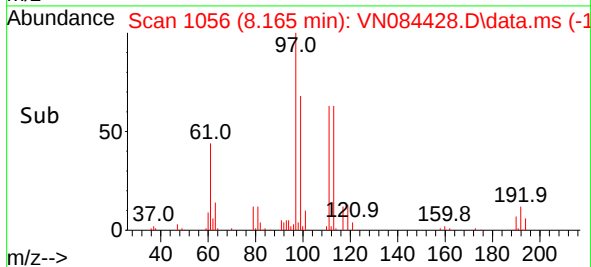
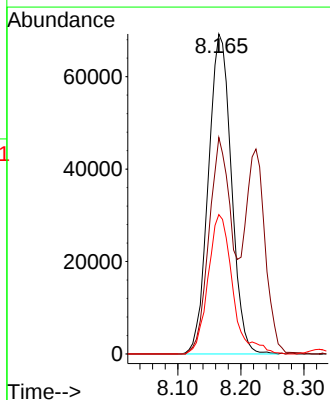
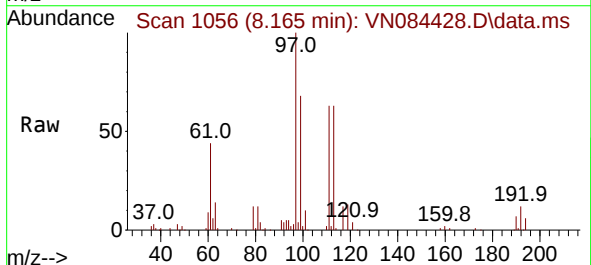
Manual Integrations
APPROVED

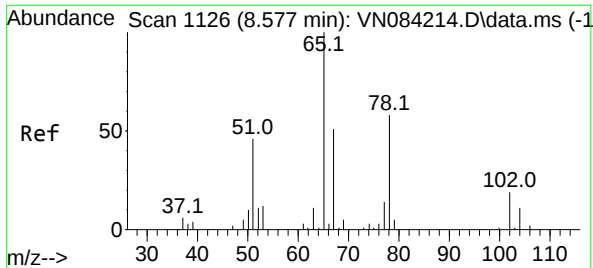
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#32
1,1,1-Trichloroethane
Concen: 52.830 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Tgt Ion: 97 Resp: 175417
Ion Ratio Lower Upper
97 100
99 65.5 51.2 76.8
61 46.3 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 53.365 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 124500

Ion Ratio Lower Upper

65 100

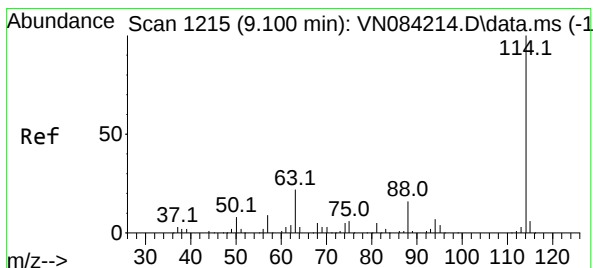
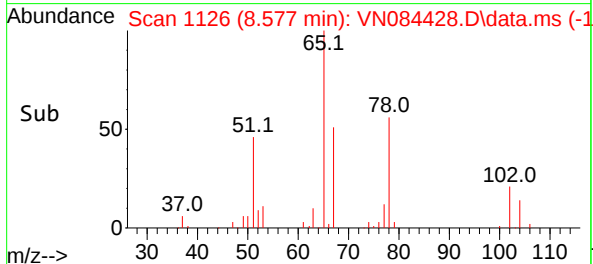
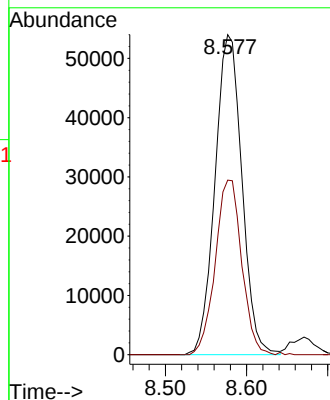
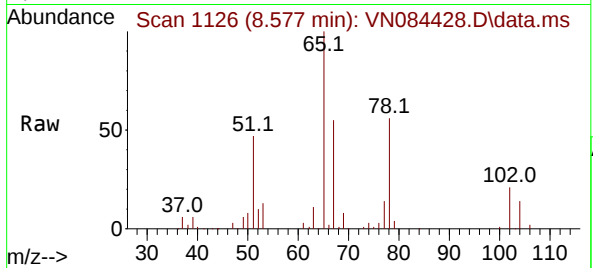
67 53.5 0.0 102.0

Manual Integrations

APPROVED

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: VN084428.D

Acq: 21 Oct 2024 11:38

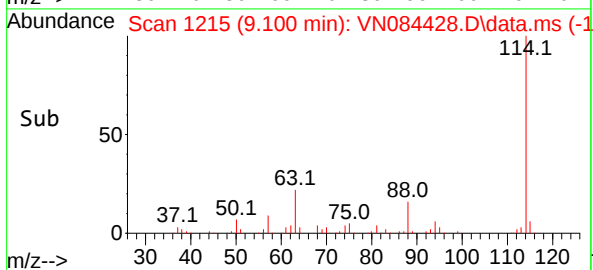
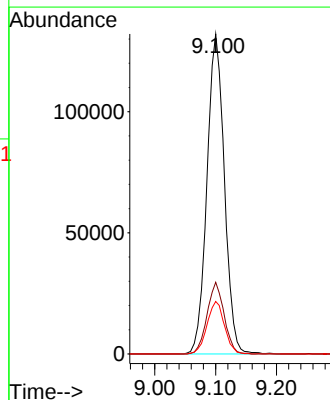
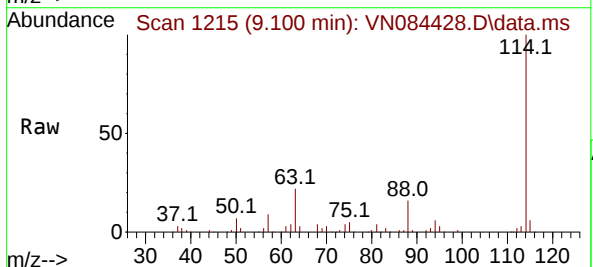
Tgt Ion:114 Resp: 262800

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.8

88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 58.729 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

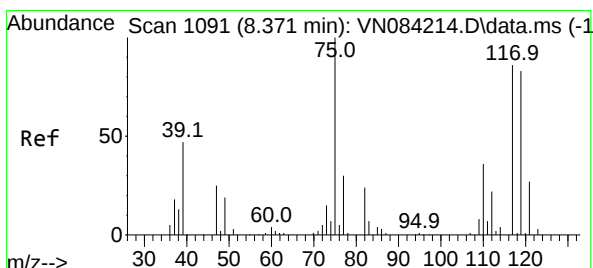
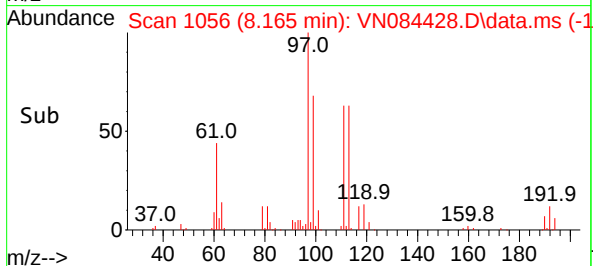
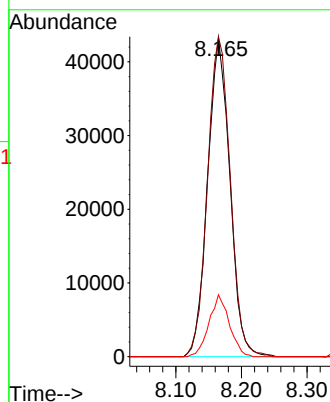
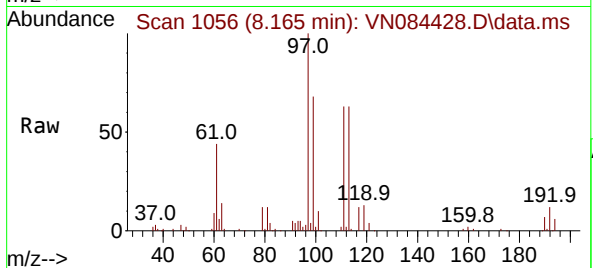
Tgt Ion:	113	Resp:	10175
Ion Ratio	Lower	Upper	
113	100		
111	102.8	83.3	124.9
192	17.8	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#36

1,1-Dichloropropene

Concen: 52.021 ug/l

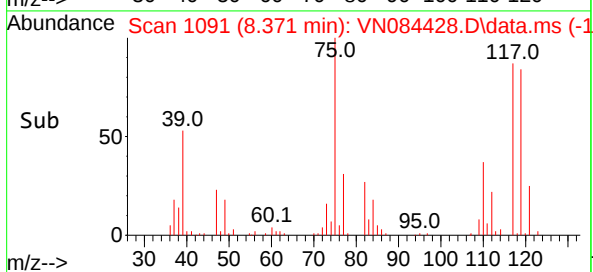
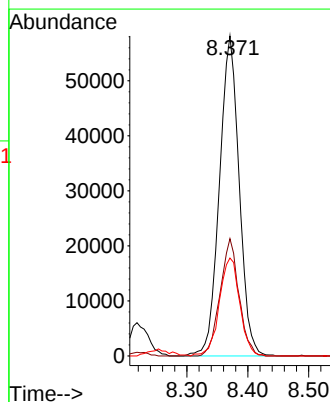
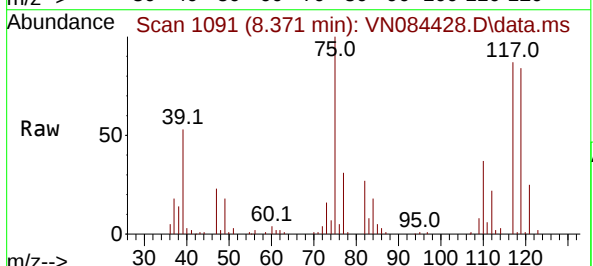
RT: 8.371 min Scan# 1091

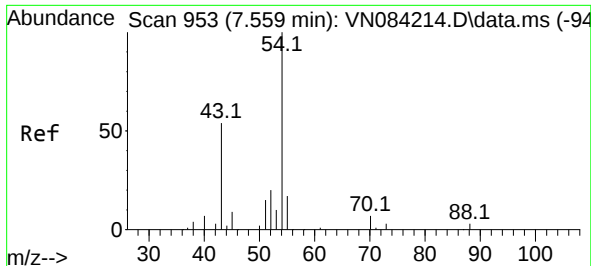
Delta R.T. 0.000 min

Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

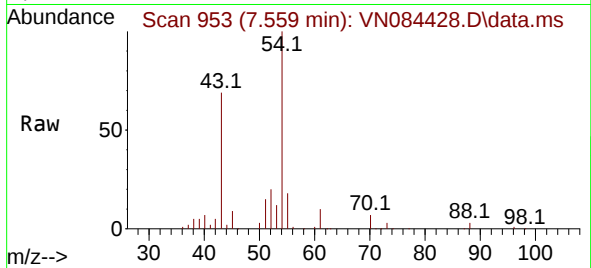
Tgt Ion:	75	Resp:	130914
Ion Ratio	Lower	Upper	
75	100		
110	34.9	16.9	50.7
77	31.6	24.7	37.1





#37
Ethyl Acetate
Concen: 53.172 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

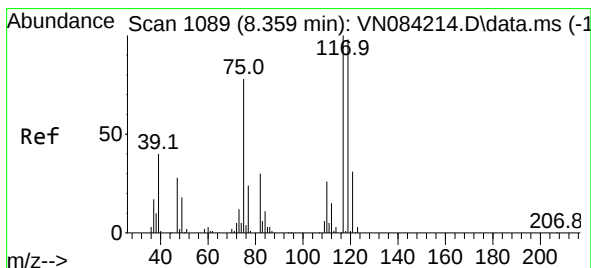
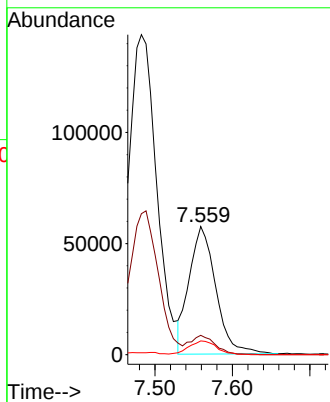
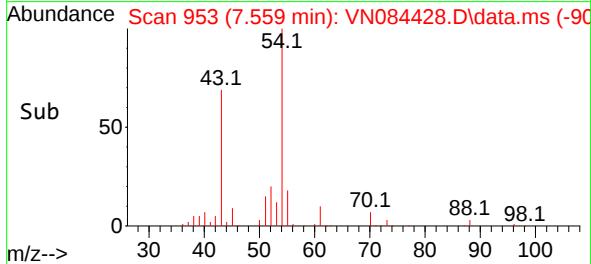
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 137280
Ion Ratio Lower Upper
43 100
61 14.4 10.7 16.1
70 11.2 8.8 13.2

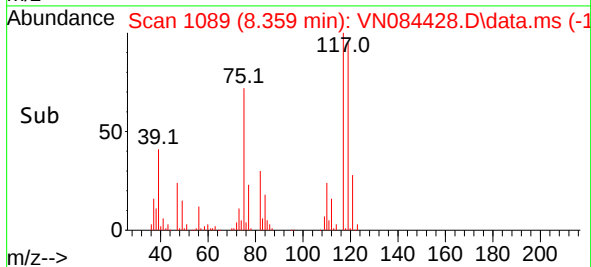
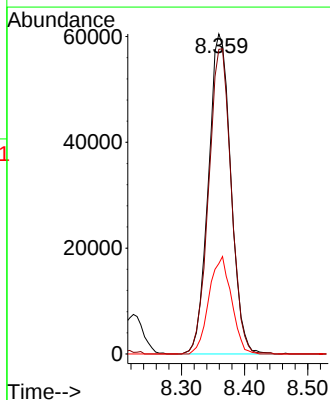
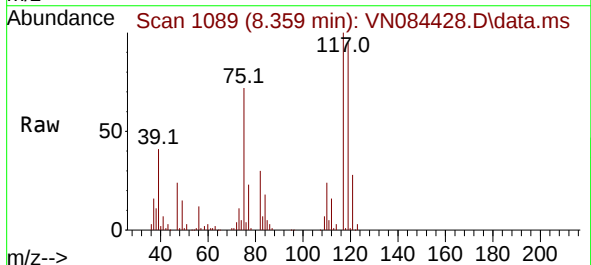
Manual Integrations
APPROVED

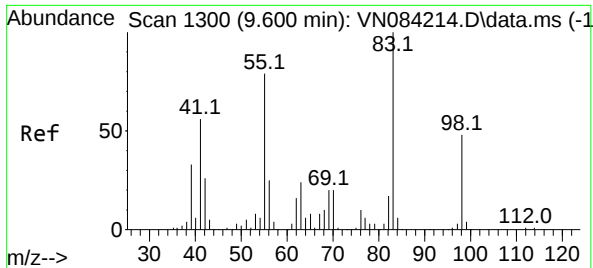
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#38
Carbon Tetrachloride
Concen: 54.202 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Tgt Ion:117 Resp: 149628
Ion Ratio Lower Upper
117 100
119 95.2 78.7 118.1
121 28.3 24.4 36.6





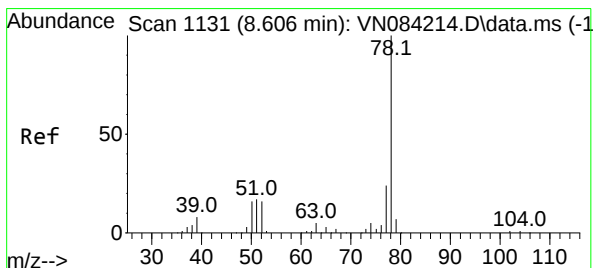
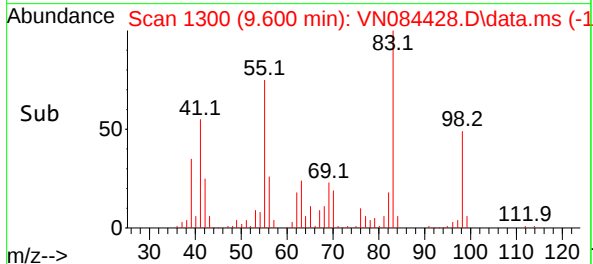
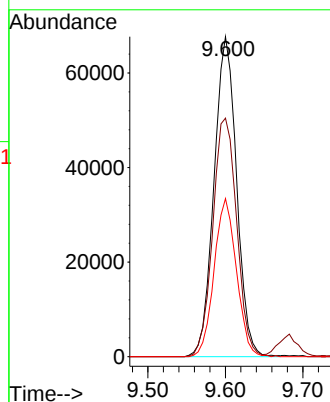
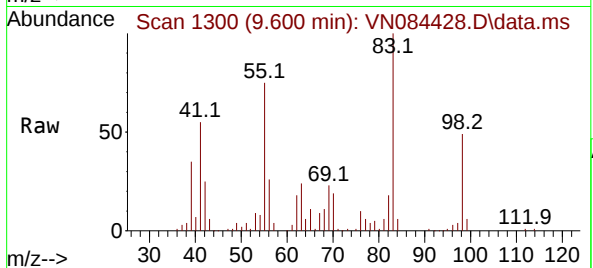
#39
Methylcyclohexane
Concen: 48.955 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 13711
Ion Ratio Lower Upper
83 100
55 74.6 62.8 94.2
98 49.4 38.8 58.2

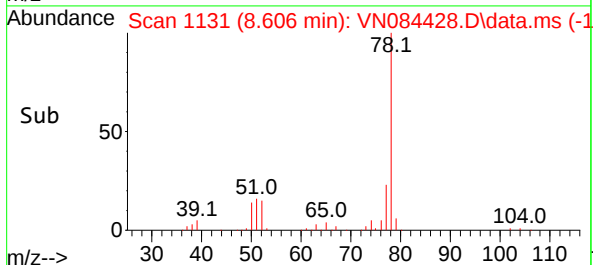
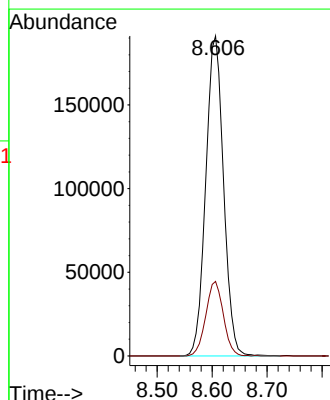
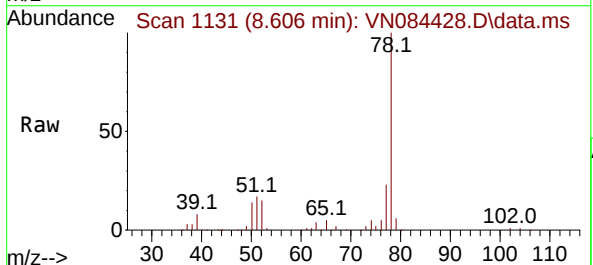
Manual Integrations
APPROVED

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



#40
Benzene
Concen: 54.796 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Tgt Ion: 78 Resp: 429647
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7





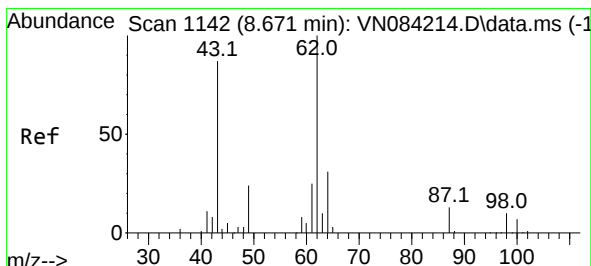
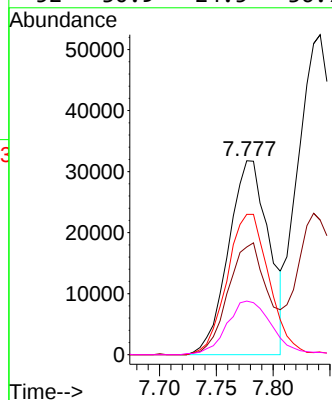
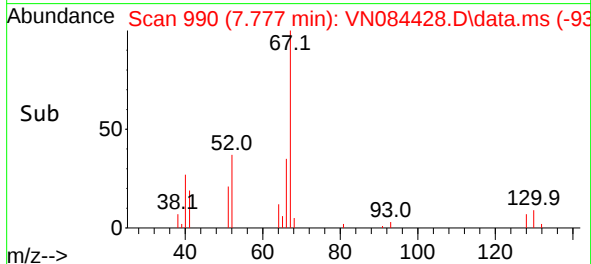
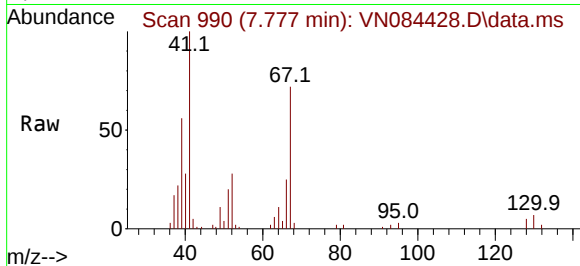
#41
Methacrylonitrile
Concen: 56.424 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	7908
Ion	Ratio	Lower	Upper
41	100		
39	56.4	43.3	64.9
67	75.1	56.1	84.1
52	30.9	24.5	36.7

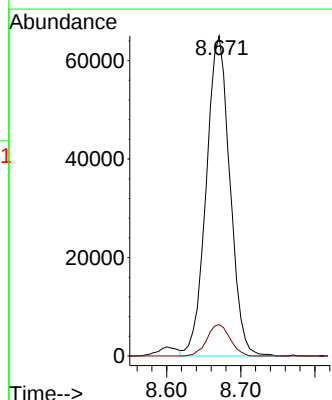
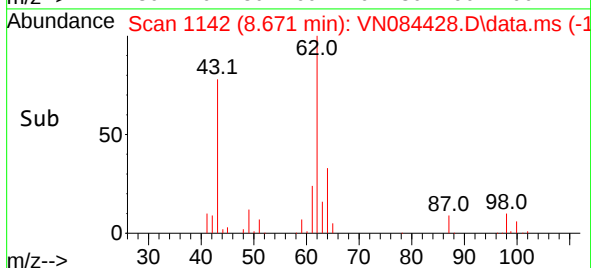
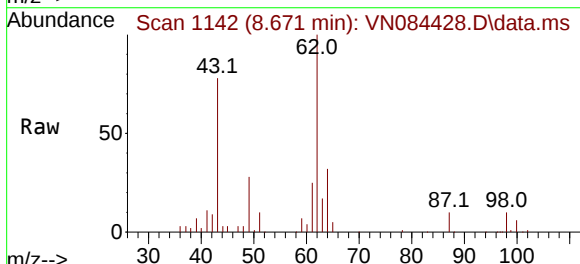
Manual Integrations
APPROVED

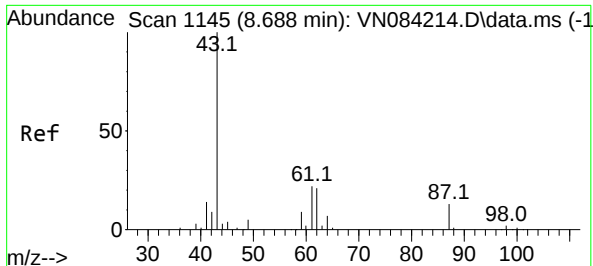
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#42
1,2-Dichloroethane
Concen: 54.240 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Tgt Ion:	62	Resp:	144178
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2





#43

Isopropyl Acetate

Concen: 46.197 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 233610

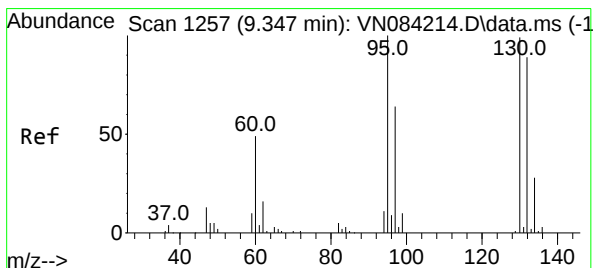
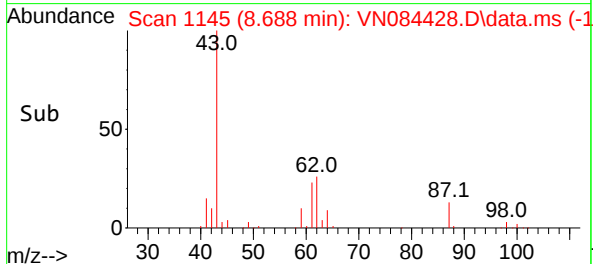
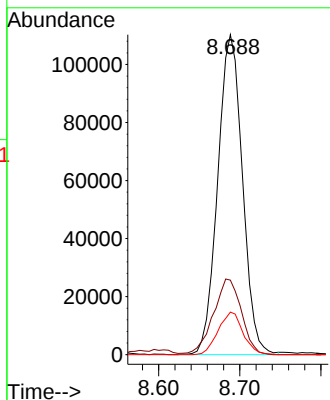
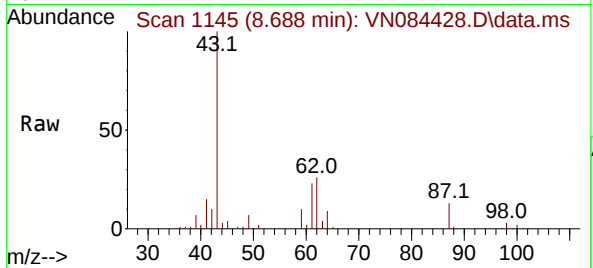
Ion	Ratio	Lower	Upper
43	100		
61	26.8	20.4	30.6
87	13.4	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#44

Trichloroethene

Concen: 53.784 ug/l

RT: 9.353 min Scan# 1258

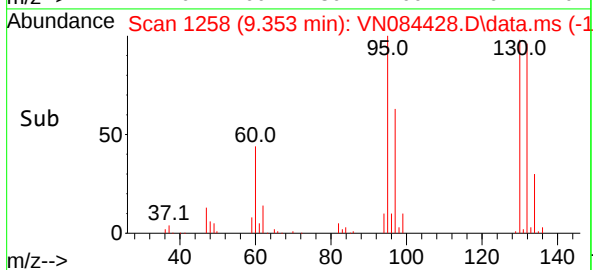
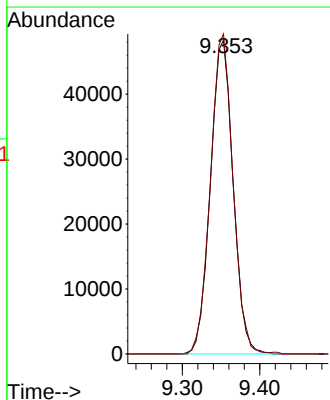
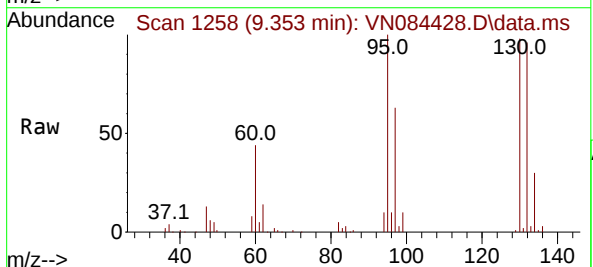
Delta R.T. 0.006 min

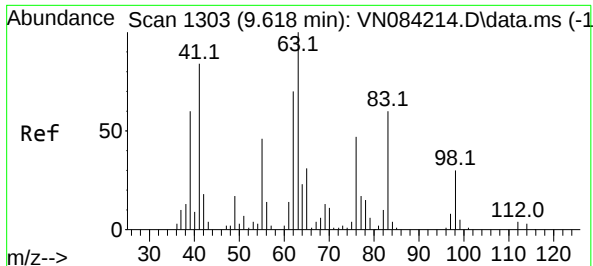
Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

Tgt Ion:130 Resp: 98494

Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	203.0





#45

1,2-Dichloropropane

Concen: 56.873 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 105490

Ion Ratio Lower Upper

63 100

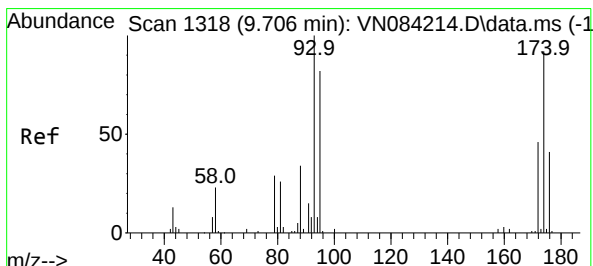
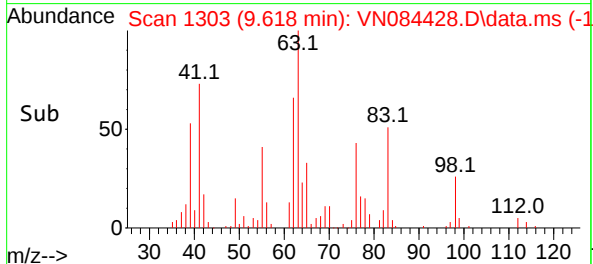
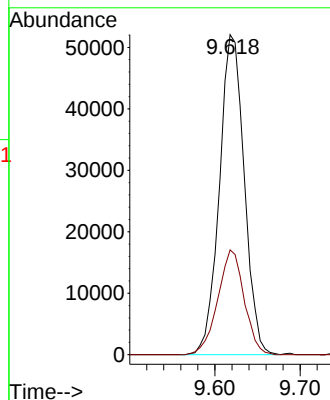
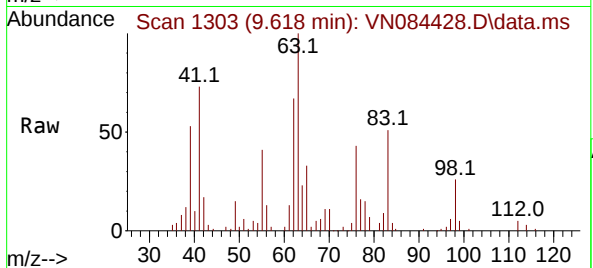
65 32.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#46

Dibromomethane

Concen: 59.706 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

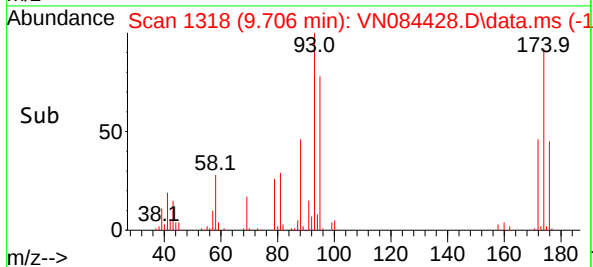
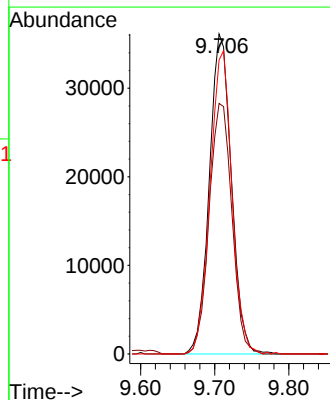
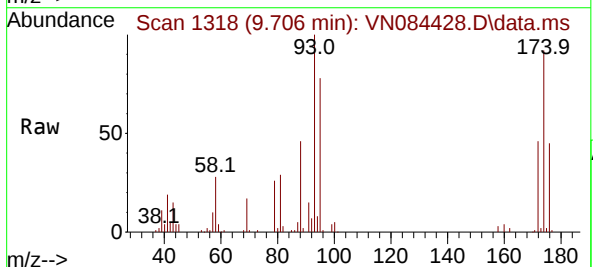
Tgt Ion: 93 Resp: 74735

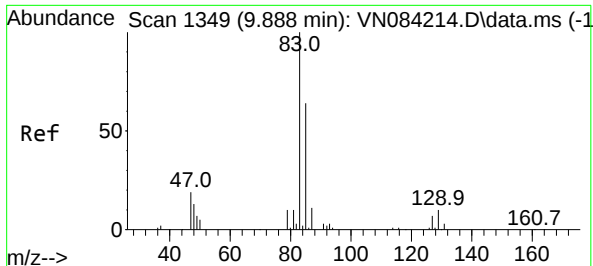
Ion Ratio Lower Upper

93 100

95 80.7 65.0 97.4

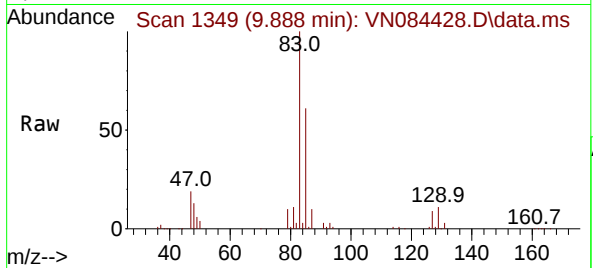
174 93.5 71.8 107.8





#47
Bromodichloromethane
Concen: 57.235 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

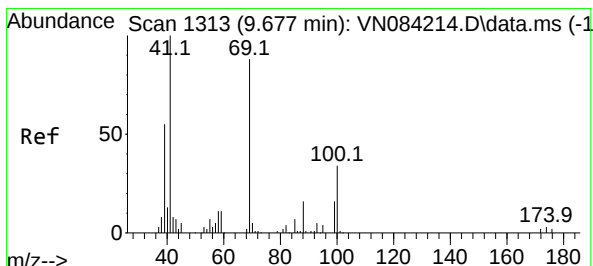
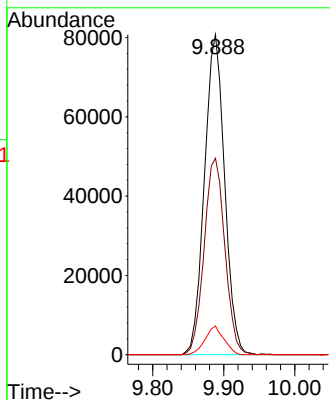
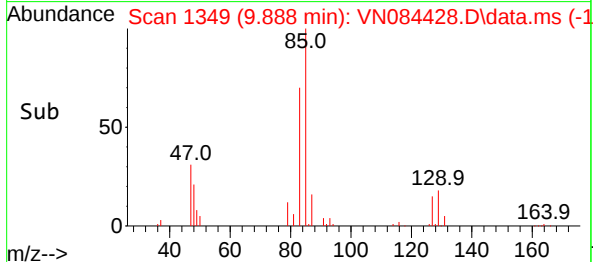
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



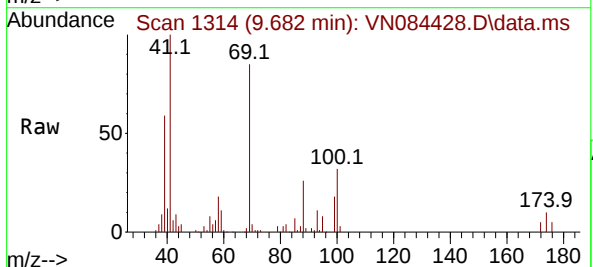
Tgt Ion: 83 Resp: 159160
Ion Ratio Lower Upper
83 100
85 61.4 51.5 77.3
127 8.9 5.7 8.5

Manual Integrations
APPROVED

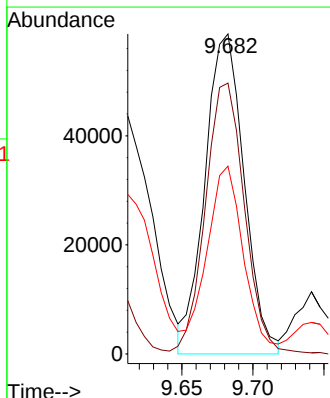
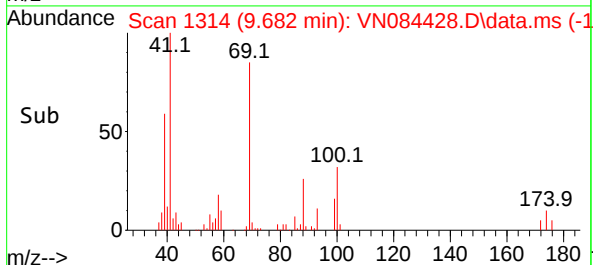
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

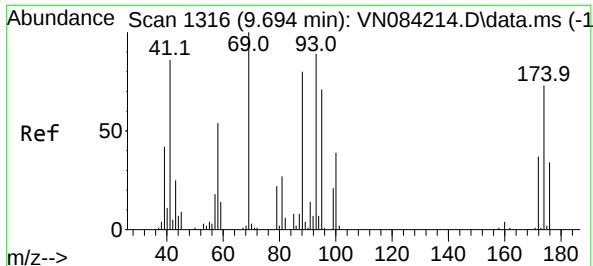


#48
Methyl methacrylate
Concen: 55.960 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38



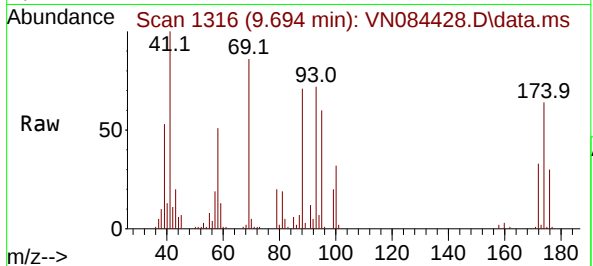
Tgt Ion: 41 Resp: 112649
Ion Ratio Lower Upper
41 100
69 84.7 67.1 100.7
39 55.9 45.8 68.6





#49
1,4-Dioxane
Concen: 1259.594 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

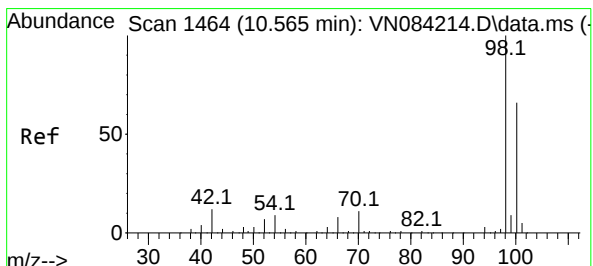
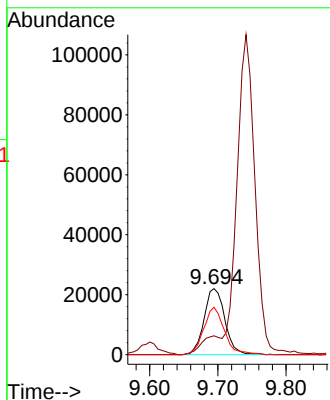
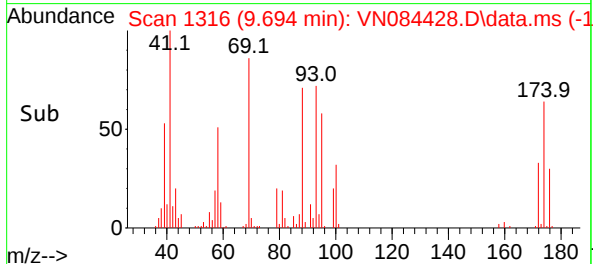
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 4668
Ion Ratio Lower Upper
88 100
43 28.2 25.3 37.9
58 71.6 56.4 84.6

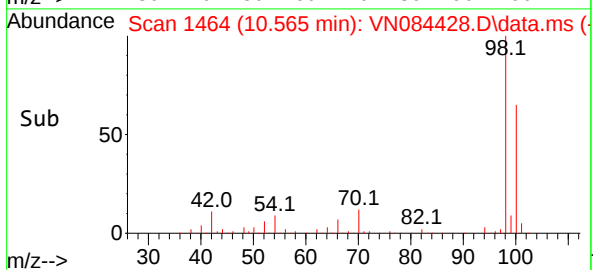
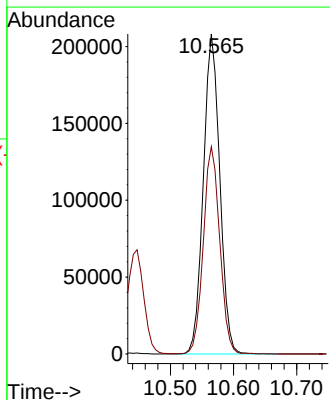
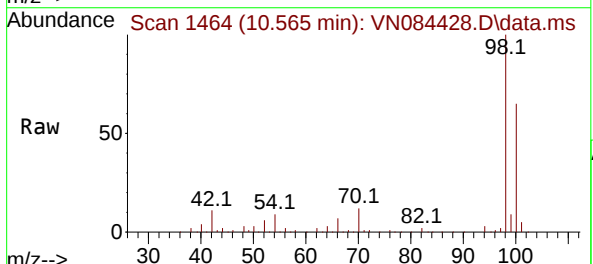
Manual Integrations
APPROVED

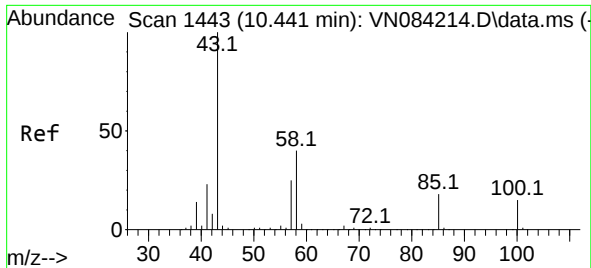
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#50
Toluene-d8
Concen: 59.014 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Tgt Ion: 98 Resp: 376165
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1





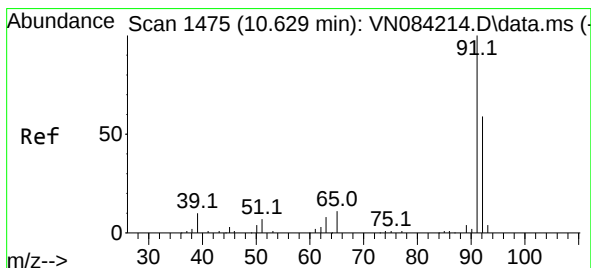
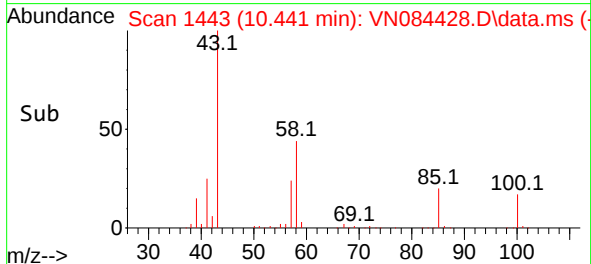
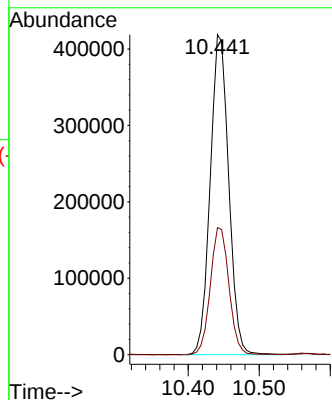
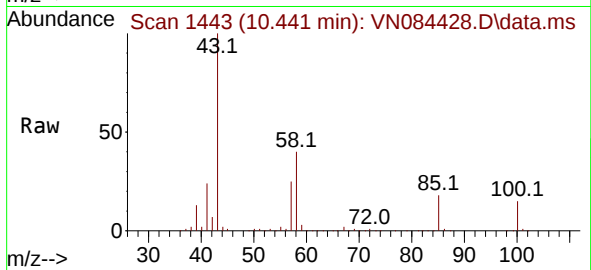
#51
4-Methyl-2-Pentanone
Concen: 308.066 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 757152
Ion Ratio Lower Upper
43 100
58 39.9 31.6 47.4

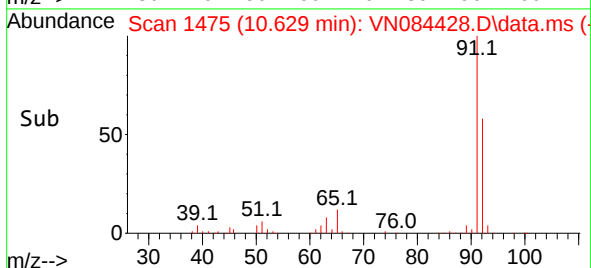
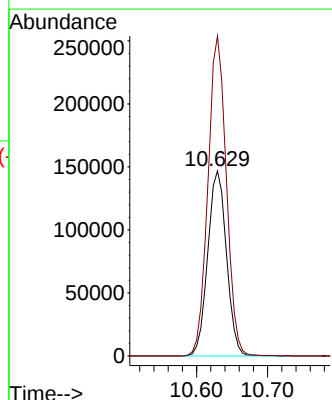
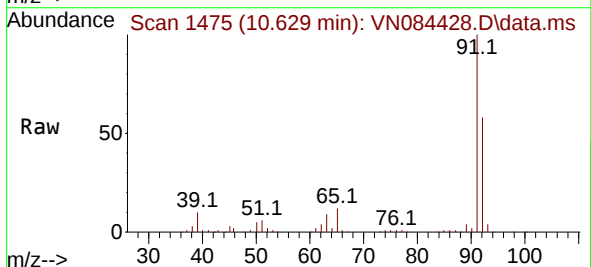
Manual Integrations
APPROVED

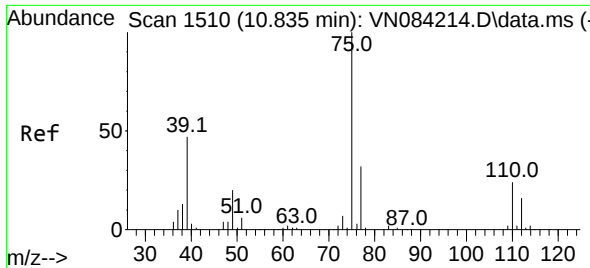
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#52
Toluene
Concen: 56.231 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Tgt Ion: 92 Resp: 268859
Ion Ratio Lower Upper
92 100
91 170.0 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 55.712 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Instrument :

MSVOA_N

ClientSampleId :

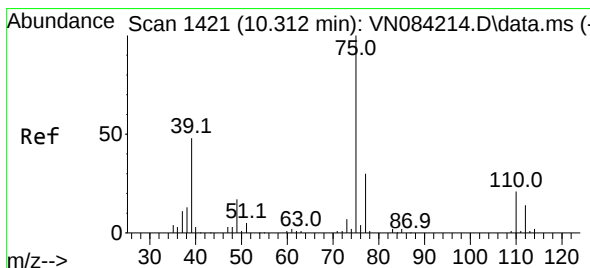
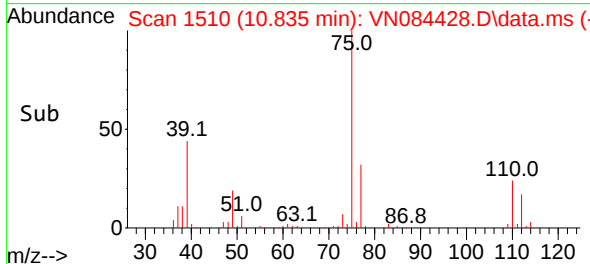
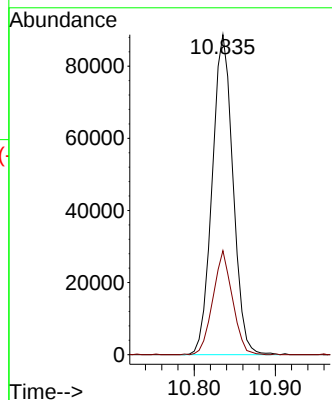
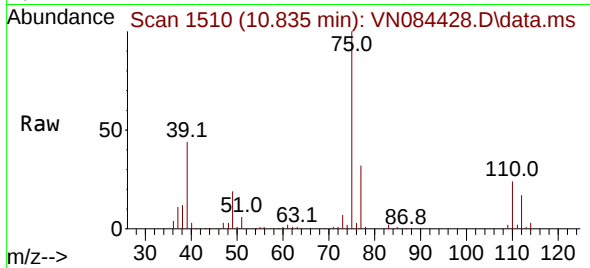
VSTDCCC050

Tgt Ion: 75 Resp: 157928
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0

Manual Integrations

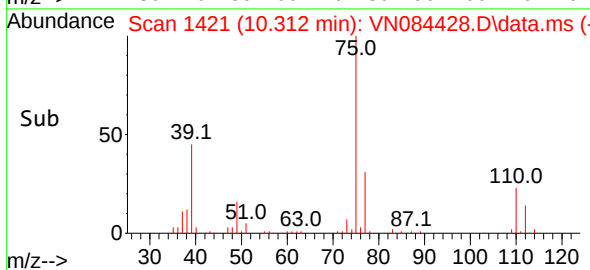
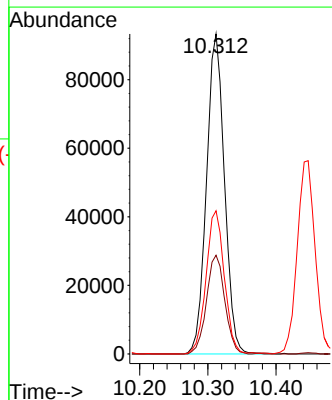
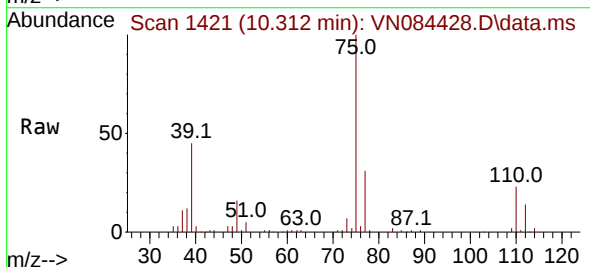
APPROVED

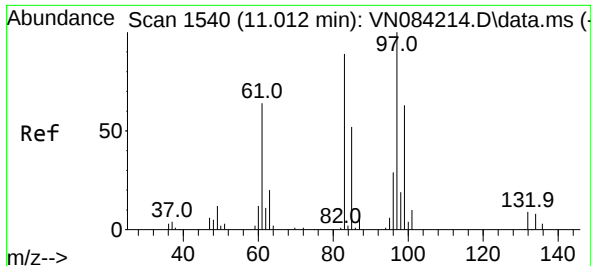
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#54
cis-1,3-Dichloropropene
Concen: 56.089 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

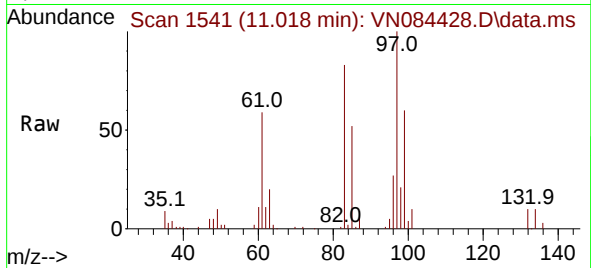
Tgt Ion: 75 Resp: 171021
Ion Ratio Lower Upper
75 100
77 30.9 24.2 36.2
39 44.8 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 60.910 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

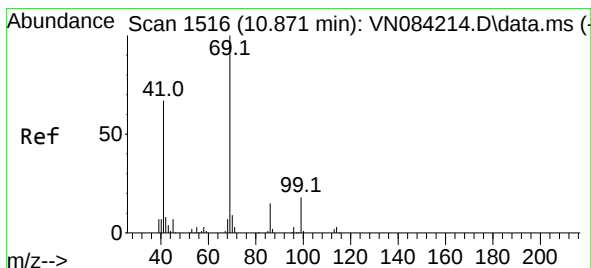
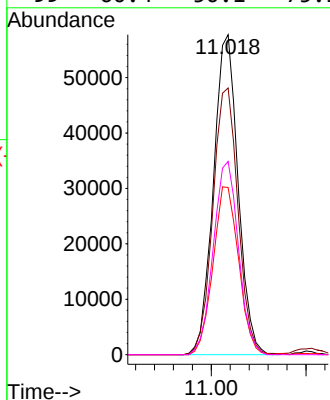
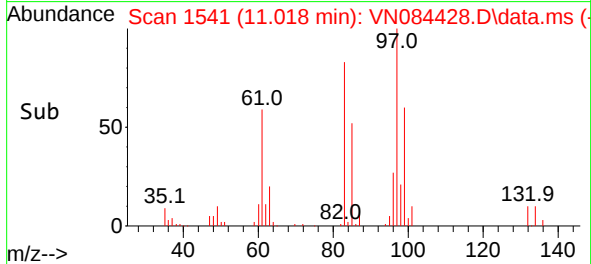
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 104404
Ion Ratio Lower Upper
97 100
83 83.3 71.0 106.4
85 52.3 41.7 62.5
99 60.4 50.1 75.1

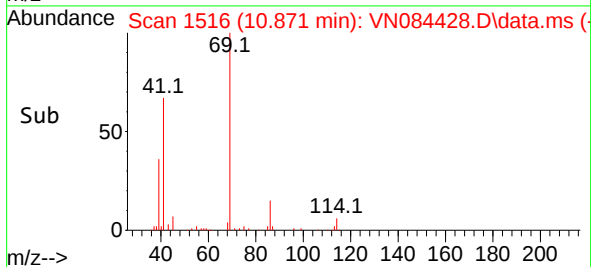
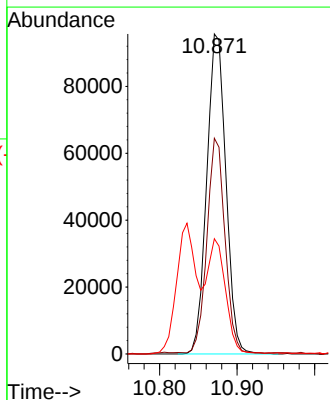
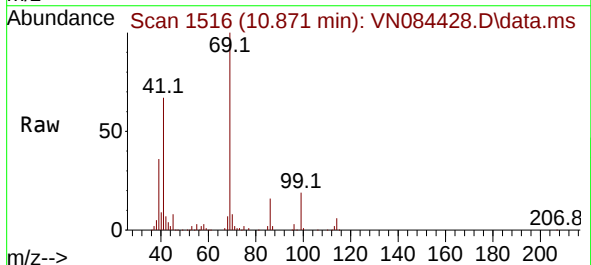
Manual Integrations
APPROVED

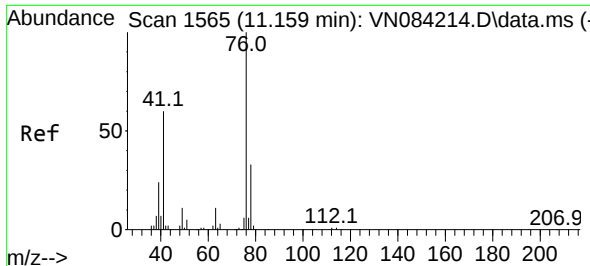
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#56
Ethyl methacrylate
Concen: 58.283 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

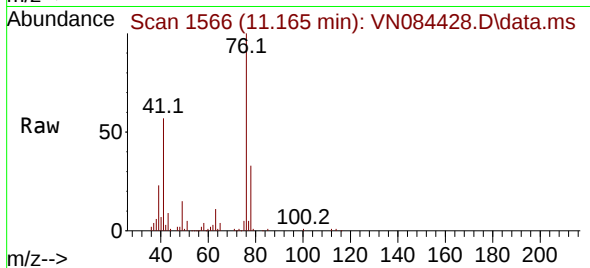
Tgt Ion: 69 Resp: 164383
Ion Ratio Lower Upper
69 100
41 63.2 53.3 79.9
39 34.8 28.8 43.2





#57
1,3-Dichloropropane
Concen: 57.670 ug/l
RT: 11.165 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

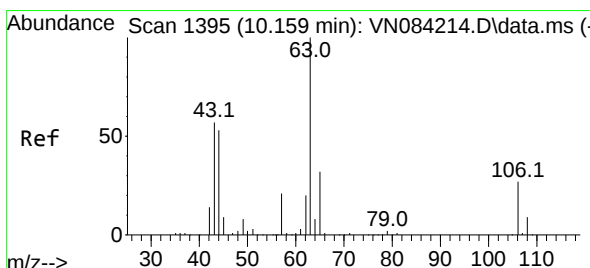
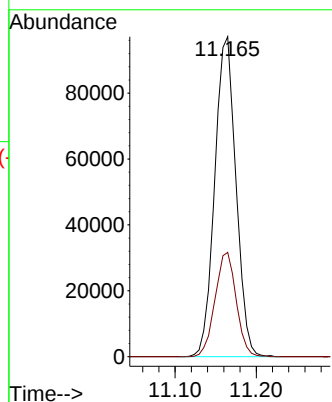
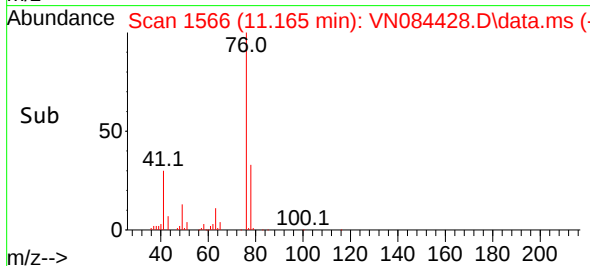
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 17663
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.6

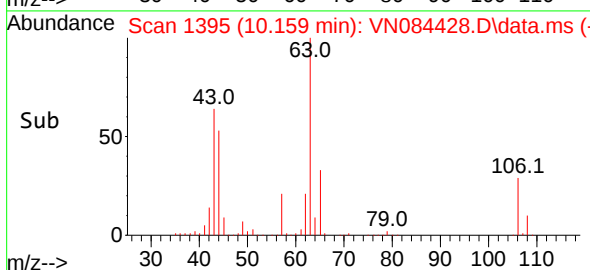
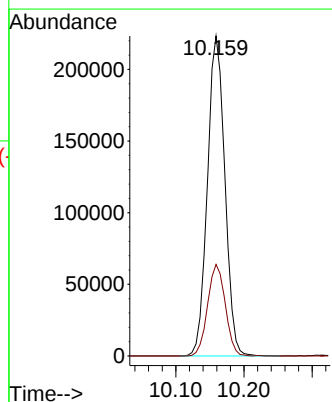
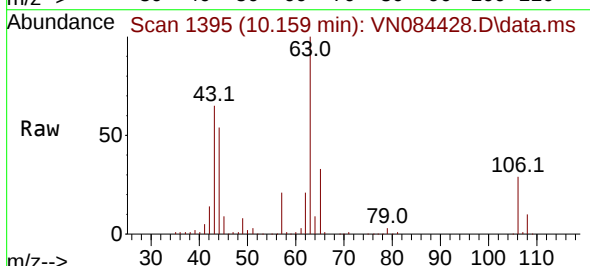
Manual Integrations
APPROVED

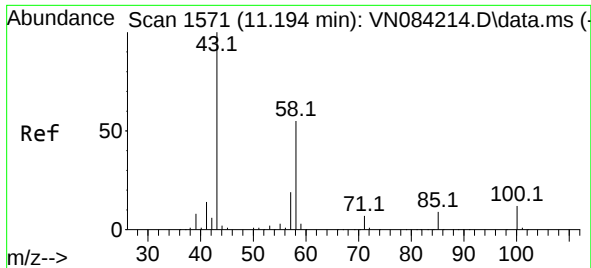
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#58
2-Chloroethyl Vinyl ether
Concen: 303.996 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

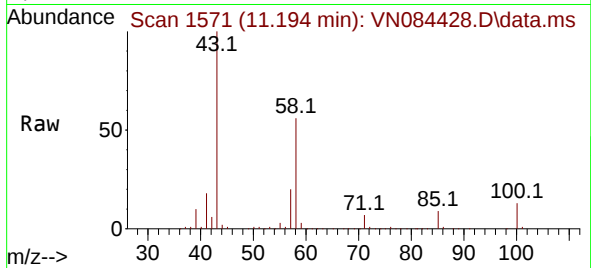
Tgt Ion: 63 Resp: 397738
Ion Ratio Lower Upper
63 100
106 28.9 21.8 32.6





#59
2-Hexanone
Concen: 304.908 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

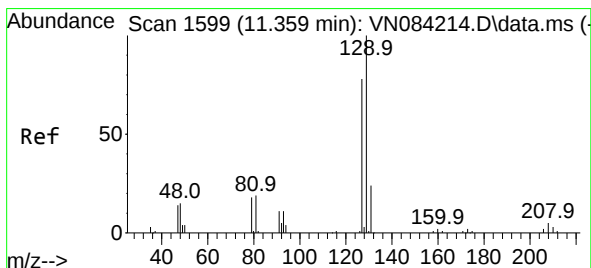
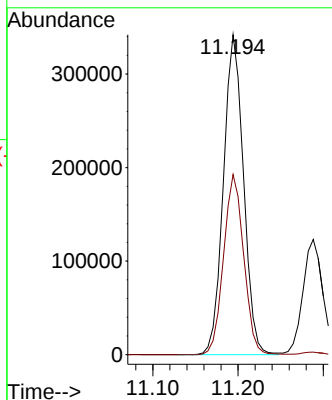
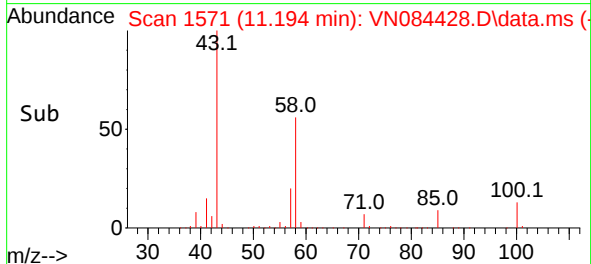
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



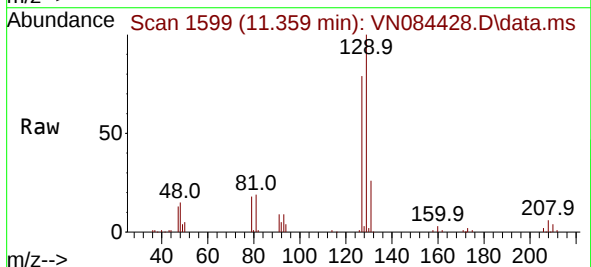
Tgt Ion: 43 Resp: 560104
Ion Ratio Lower Upper
43 100
58 56.4 27.3 81.8

Manual Integrations
APPROVED

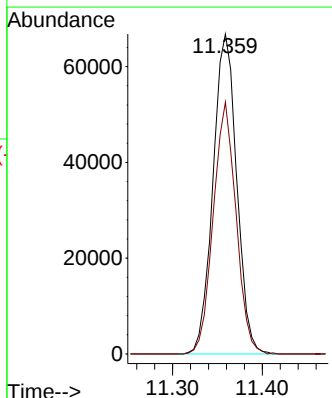
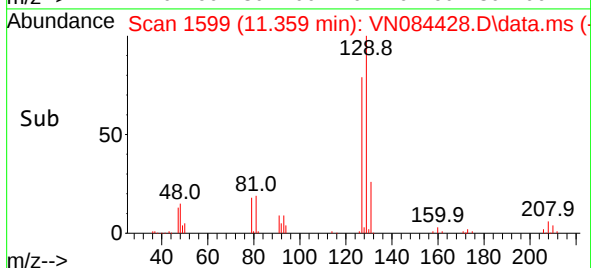
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

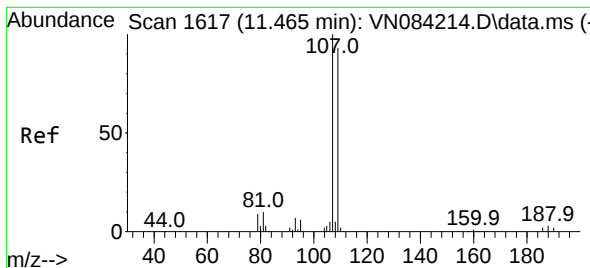


#60
Dibromochloromethane
Concen: 60.458 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38



Tgt Ion:129 Resp: 122440
Ion Ratio Lower Upper
129 100
127 75.8 38.3 114.9





#61

1,2-Dibromoethane

Concen: 57.274 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.006 min

Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:107 Resp: 102008

Ion Ratio Lower Upper

107 100

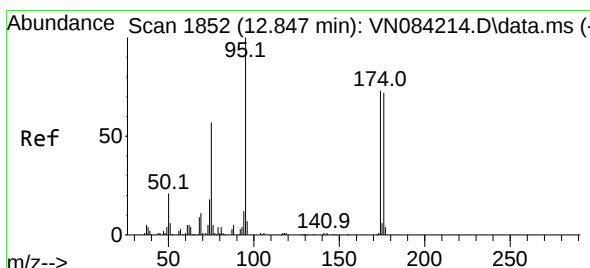
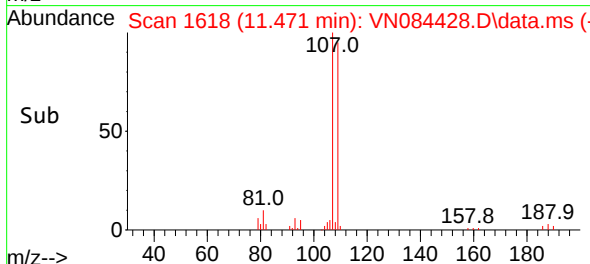
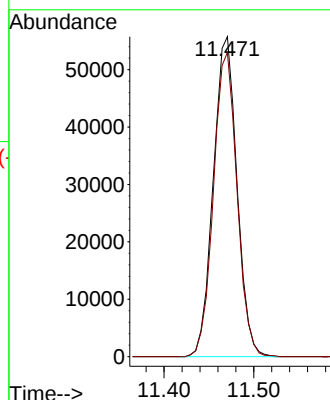
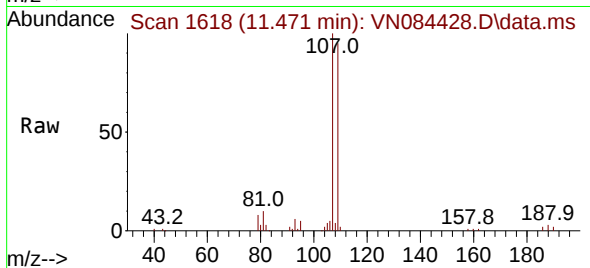
109 94.4 75.4 113.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#62

4-Bromofluorobenzene

Concen: 59.102 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

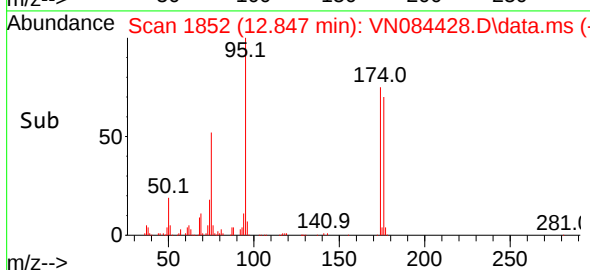
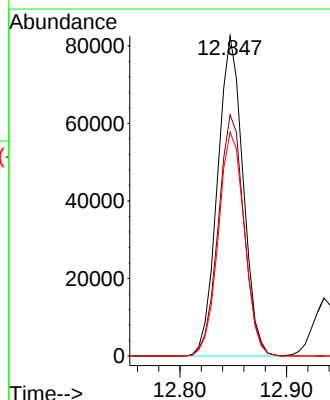
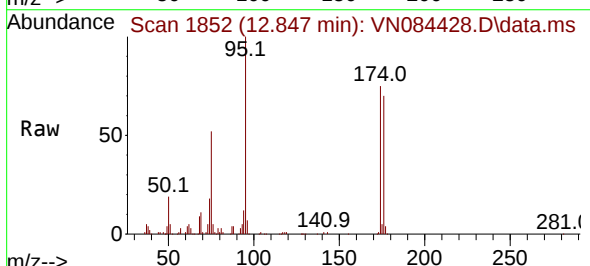
Tgt Ion: 95 Resp: 137246

Ion Ratio Lower Upper

95 100

174 76.1 0.0 145.2

176 71.4 0.0 140.0





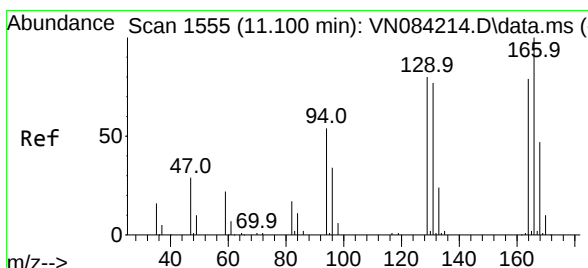
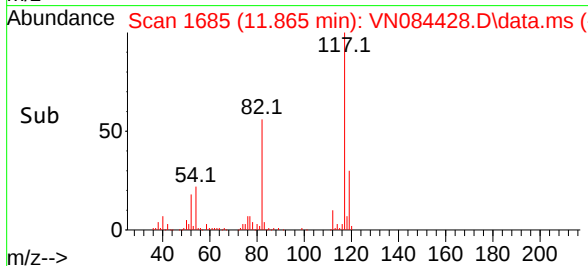
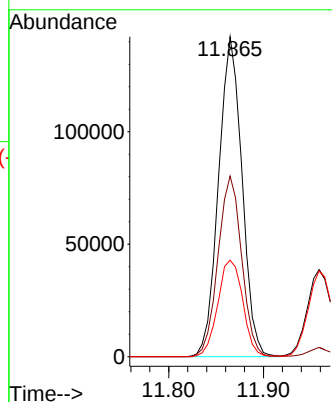
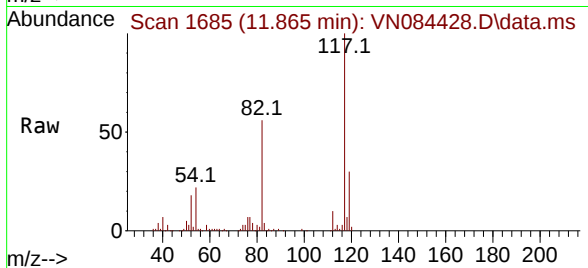
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 244635
Ion Ratio Lower Upper
117 100
82 56.4 47.2 70.8
119 30.2 25.4 38.0

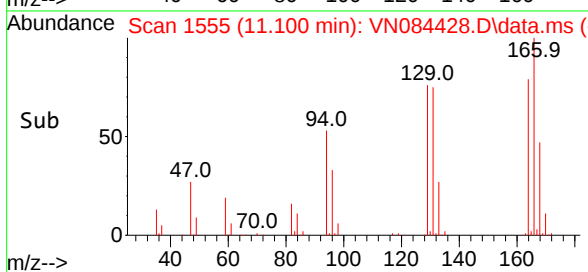
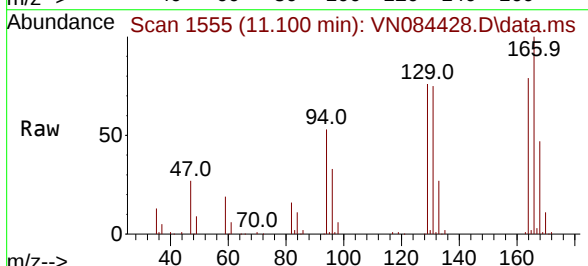
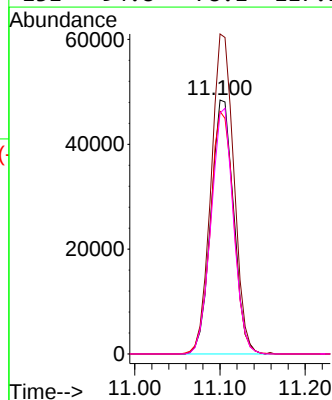
Manual Integrations
APPROVED

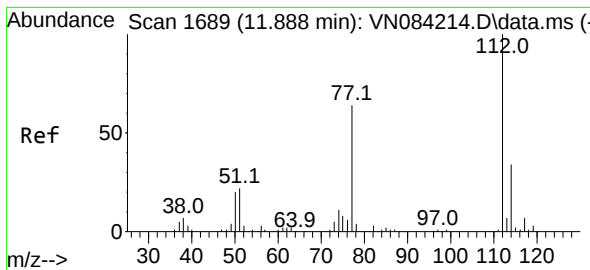
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#64
Tetrachloroethene
Concen: 52.523 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

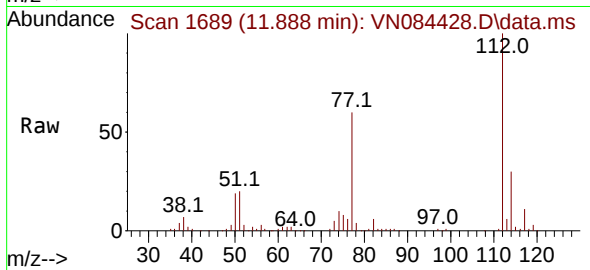
Tgt Ion:164 Resp: 89495
Ion Ratio Lower Upper
164 100
166 126.0 101.0 151.4
129 95.5 80.8 121.2
131 94.8 78.1 117.1





#65
Chlorobenzene
Concen: 53.283 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

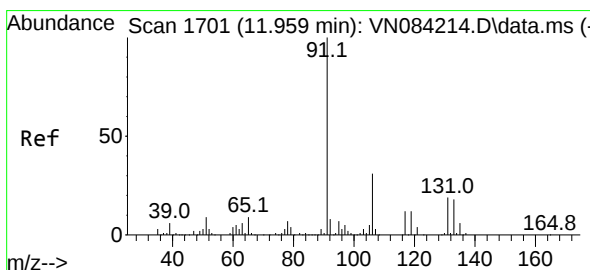
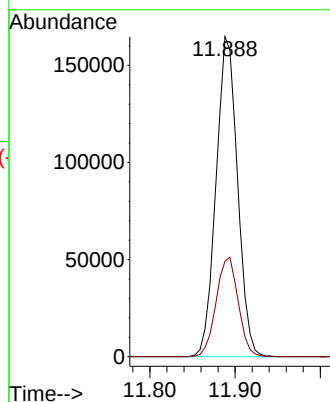
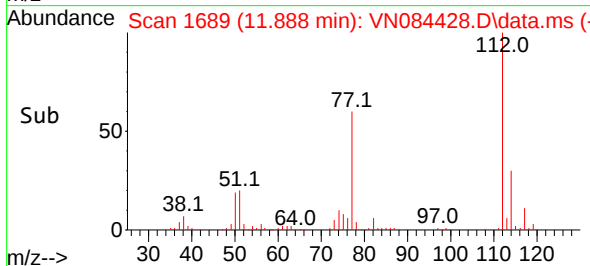
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



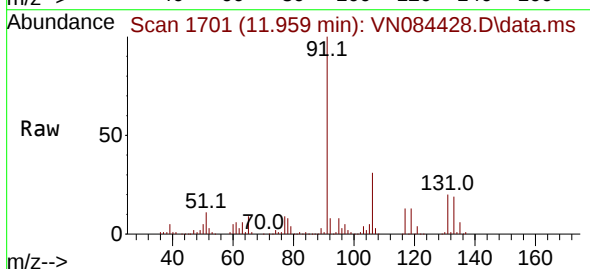
Tgt Ion:112 Resp: 289014
Ion Ratio Lower Upper
112 100
114 29.8 27.0 40.6

Manual Integrations
APPROVED

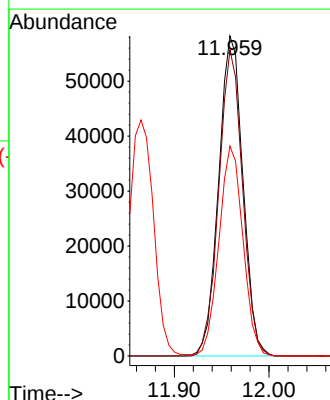
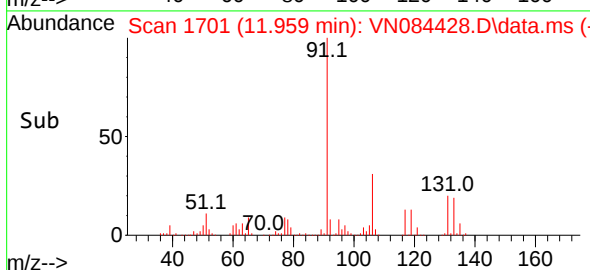
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 55.468 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38



Tgt Ion:131 Resp: 103631
Ion Ratio Lower Upper
131 100
133 93.7 47.9 143.7
119 65.0 32.8 98.3





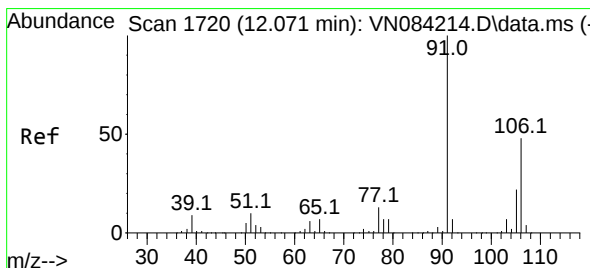
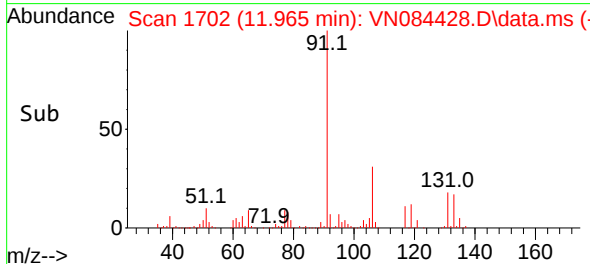
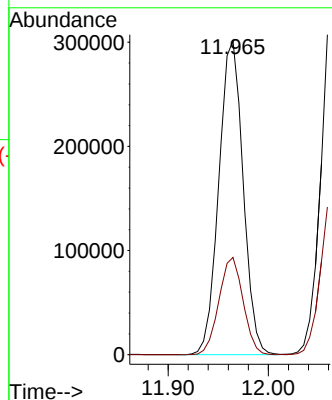
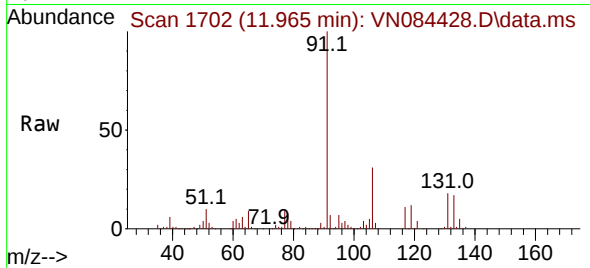
#67
Ethyl Benzene
Concen: 52.799 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 506469
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7

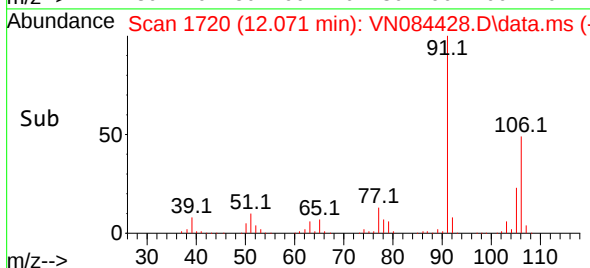
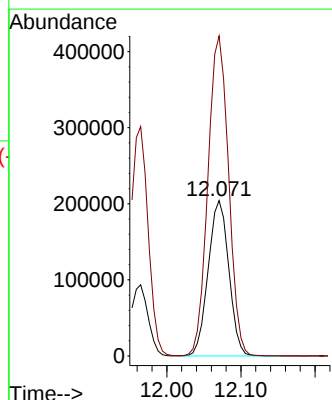
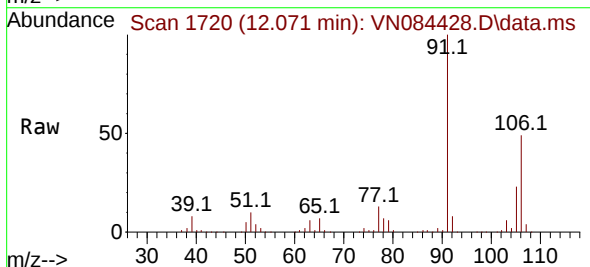
Manual Integrations
APPROVED

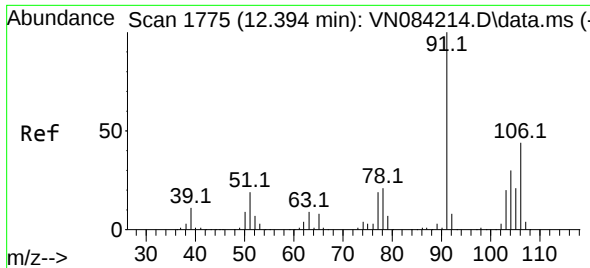
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#68
m/p-Xylenes
Concen: 111.301 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Tgt Ion:106 Resp: 394932
Ion Ratio Lower Upper
106 100
91 206.8 167.1 250.7





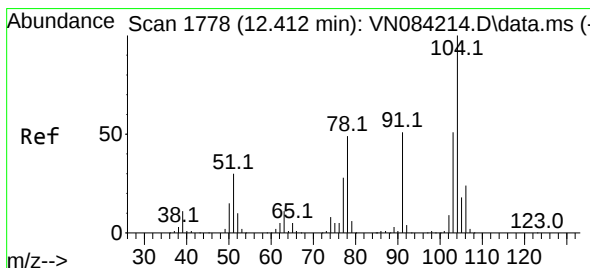
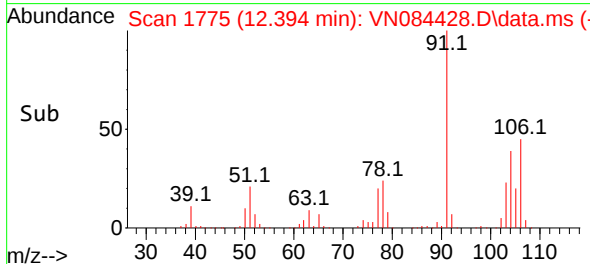
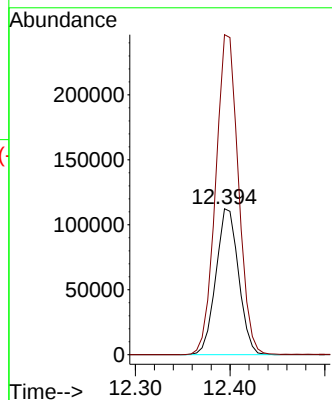
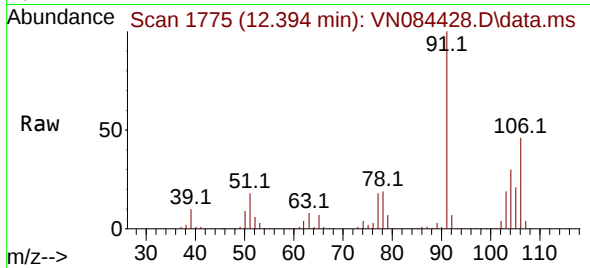
#69
o-Xylene
Concen: 55.767 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 187215
Ion Ratio Lower Upper
106 100
91 219.7 110.2 330.6

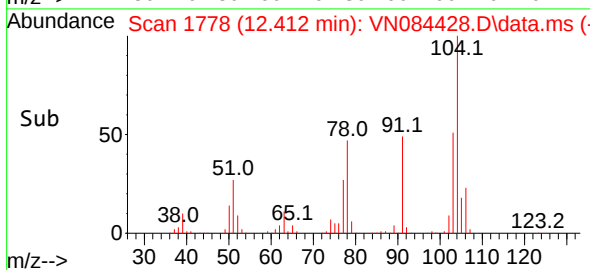
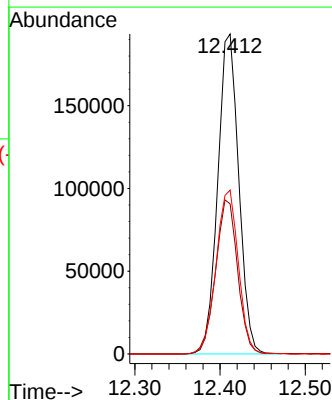
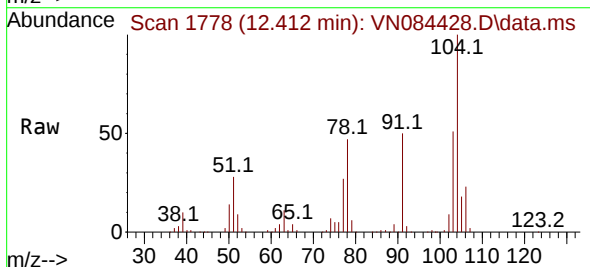
Manual Integrations
APPROVED

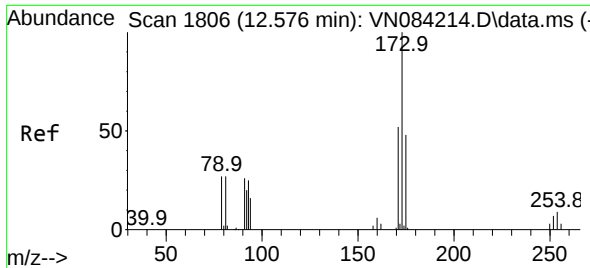
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#70
Styrene
Concen: 58.246 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

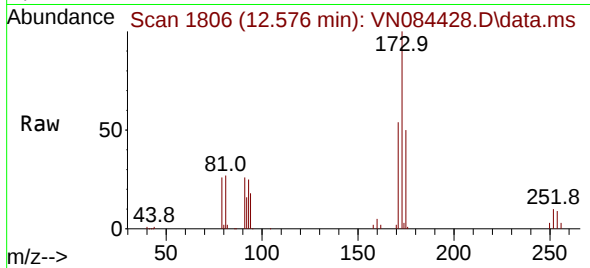
Tgt Ion:104 Resp: 331204
Ion Ratio Lower Upper
104 100
78 50.7 42.7 64.1
103 54.3 43.6 65.4





#71
Bromoform
Concen: 59.072 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

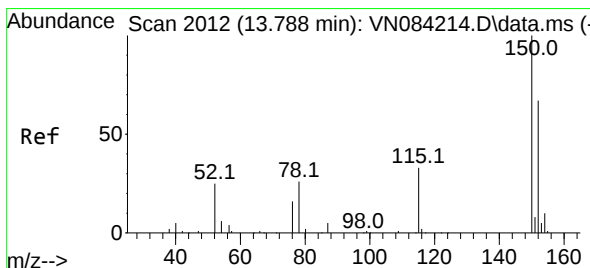
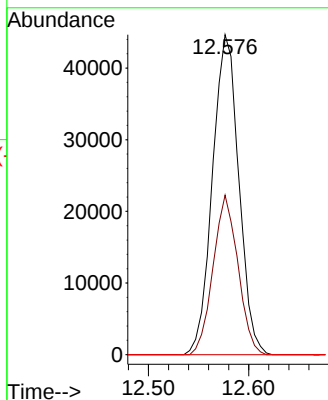
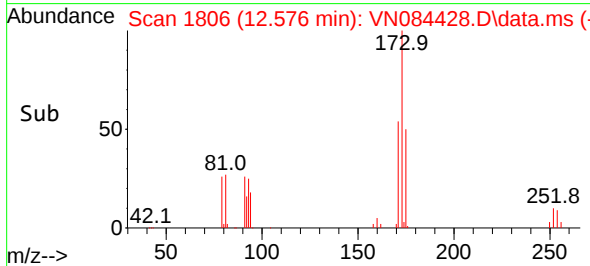
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



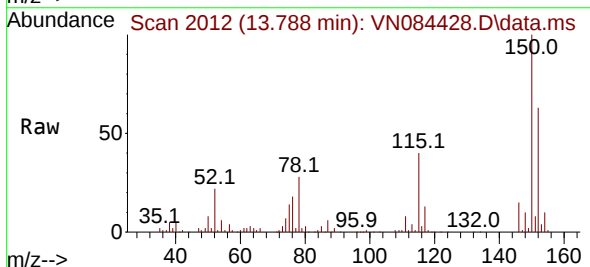
Tgt Ion:173 Resp: 8125
Ion Ratio Lower Upper
173 100
175 47.1 23.5 70.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

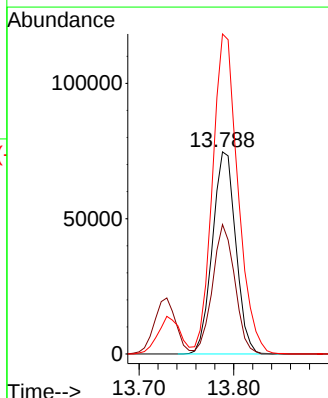
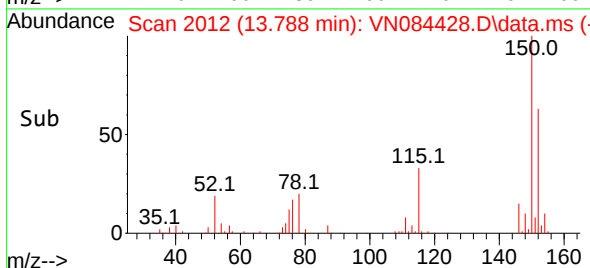
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

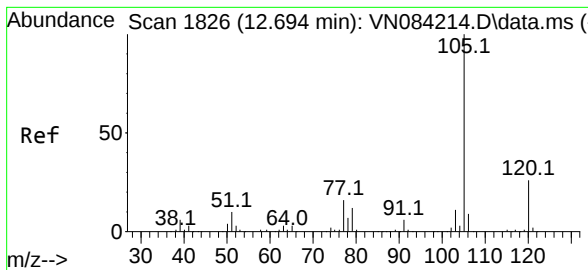


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38



Tgt Ion:152 Resp: 127638
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.9
150 173.0 0.0 349.8





#73
Isopropylbenzene
Concen: 49.760 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Instrument :

MSVOA_N

ClientSampleId :

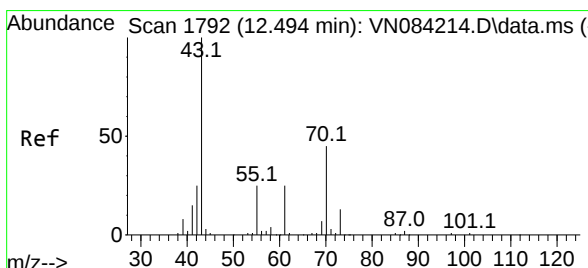
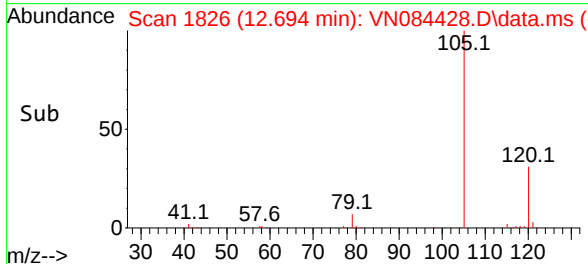
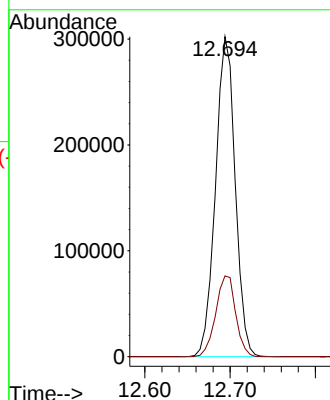
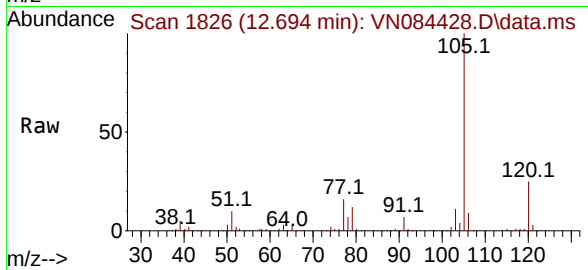
VSTDCCC050

Tgt Ion:105 Resp: 484650
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.7

Manual Integrations

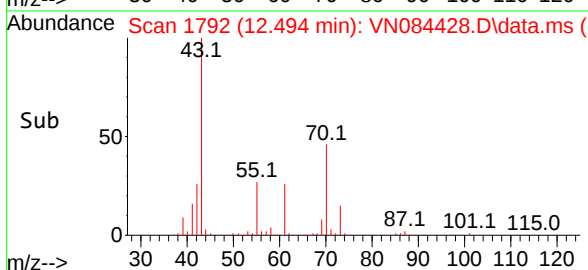
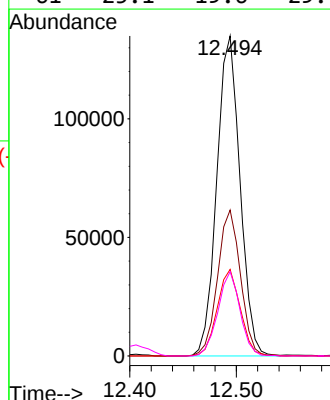
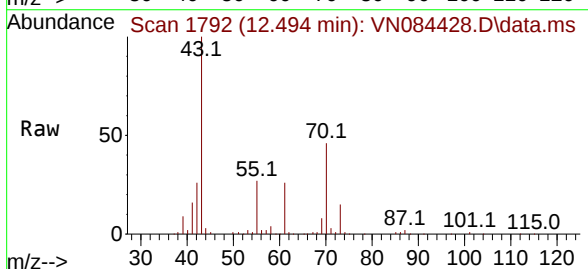
APPROVED

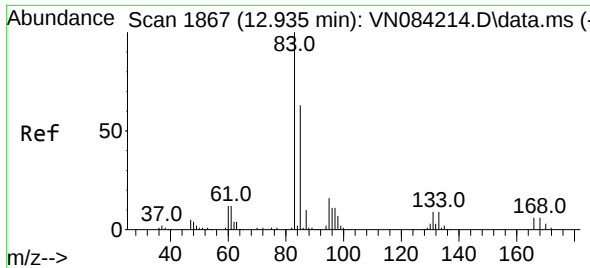
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#74
N-ethyl acetate
Concen: 46.332 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

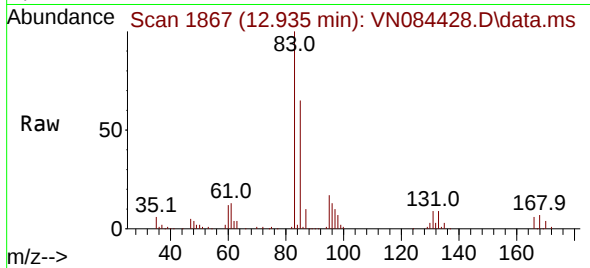
Tgt Ion: 43 Resp: 204351
Ion Ratio Lower Upper
43 100
70 44.9 34.4 51.6
55 26.9 19.6 29.4
61 25.1 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 52.226 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

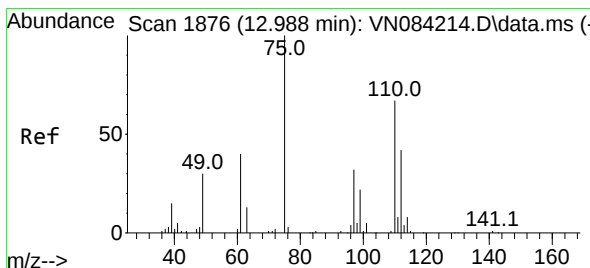
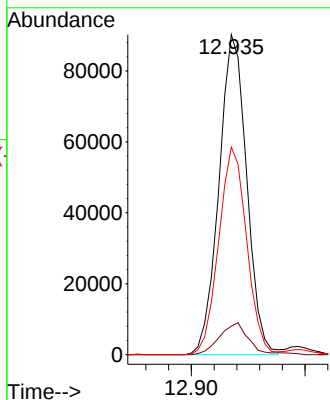
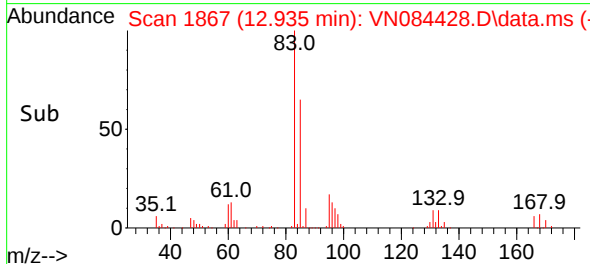
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



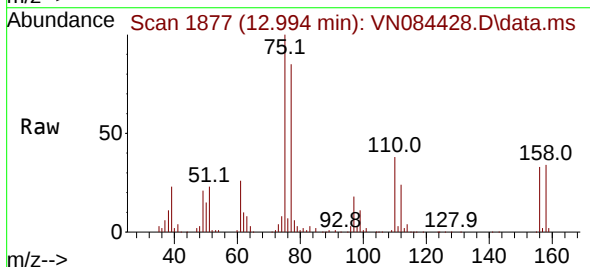
Tgt Ion: 83 Resp: 152950
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.7
85 65.3 31.9 95.7

Manual Integrations
APPROVED

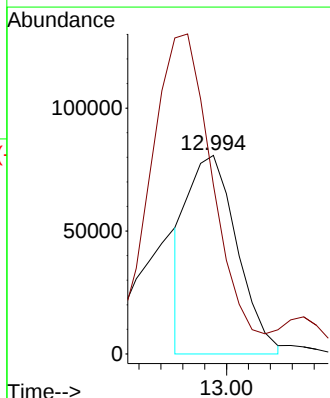
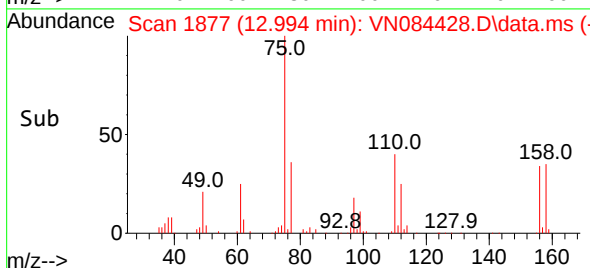
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

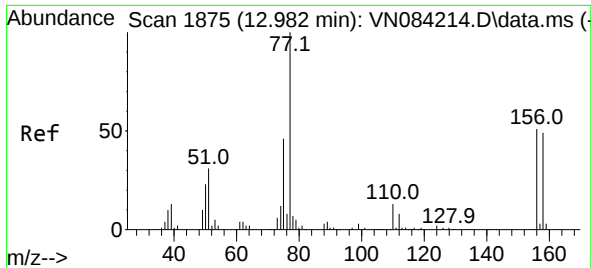


#76
1,2,3-Trichloropropane
Concen: 48.846 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38



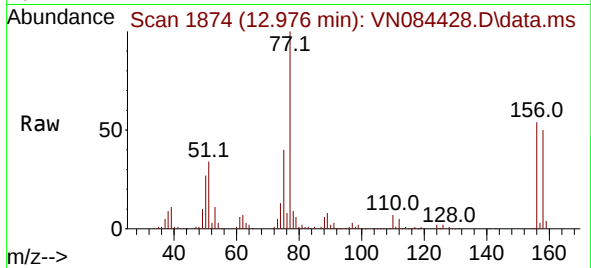
Tgt Ion: 75 Resp: 127281
Ion Ratio Lower Upper
75 100
77 206.1 96.9 290.7





#77
Bromobenzene
Concen: 50.631 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

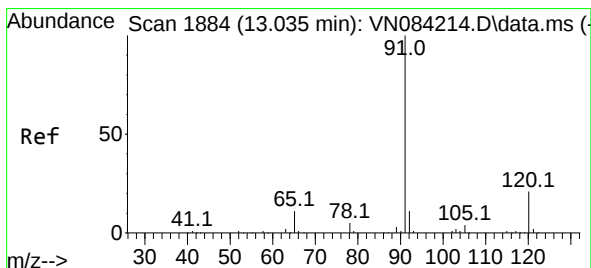
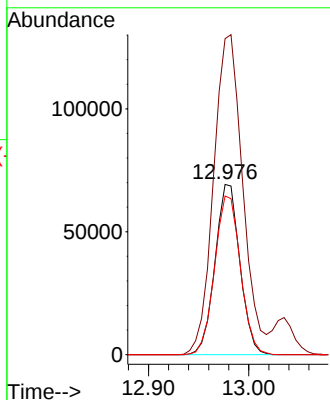
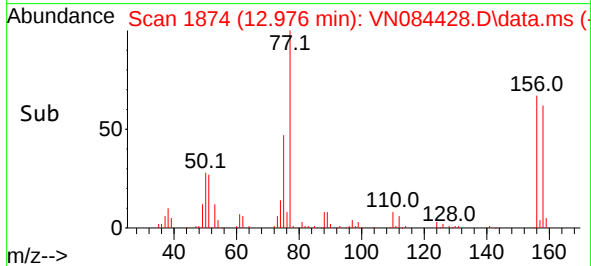
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 118952
Ion Ratio Lower Upper
156 100
77 220.5 115.1 345.3
158 97.0 48.9 146.8

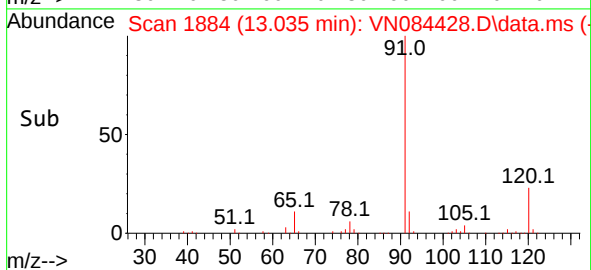
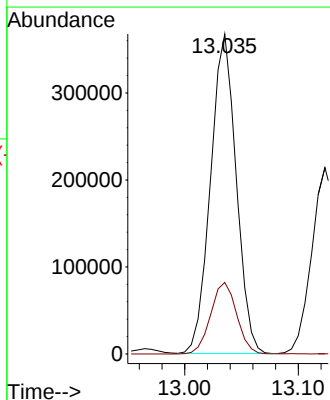
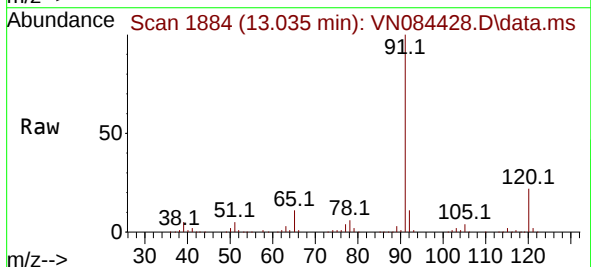
Manual Integrations
APPROVED

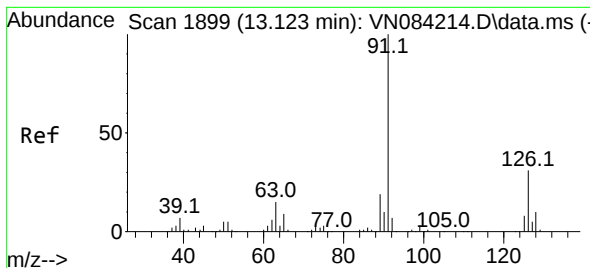
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#78
n-propylbenzene
Concen: 51.101 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Tgt Ion: 91 Resp: 576662
Ion Ratio Lower Upper
91 100
120 22.6 10.8 32.4





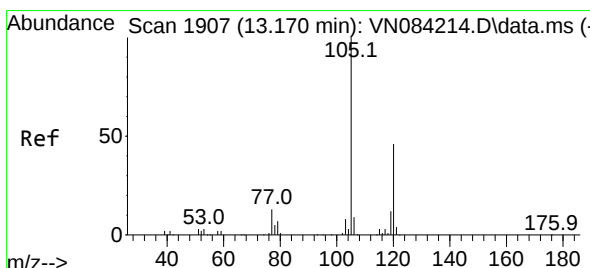
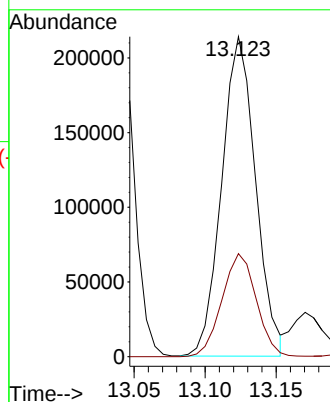
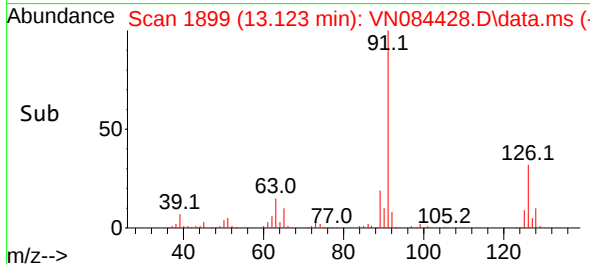
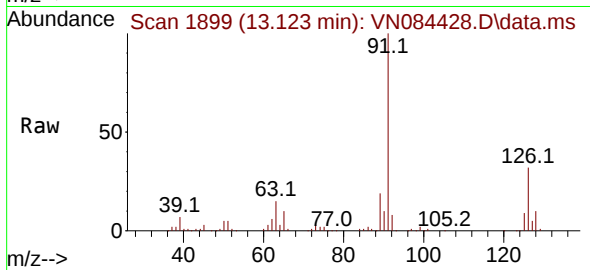
#79
2-Chlorotoluene
Concen: 49.256 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 35468
Ion Ratio Lower Upper
91 100
126 32.7 15.7 47.1

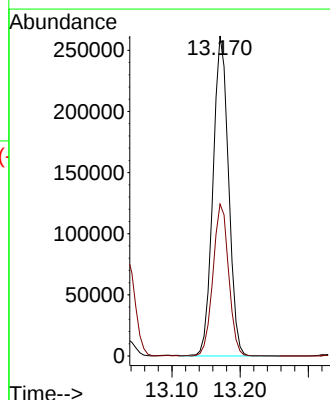
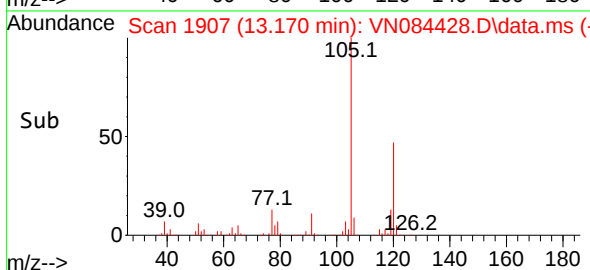
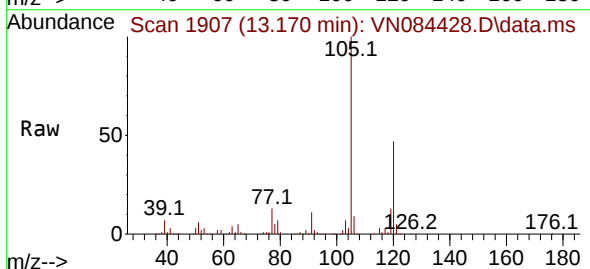
Manual Integrations
APPROVED

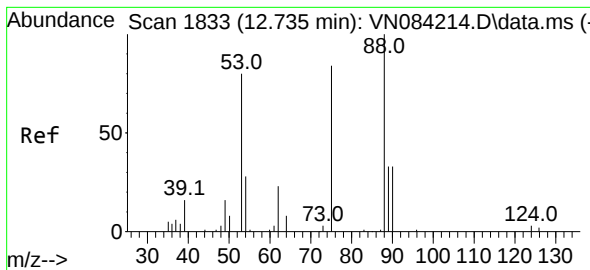
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#80
1,3,5-Trimethylbenzene
Concen: 52.460 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

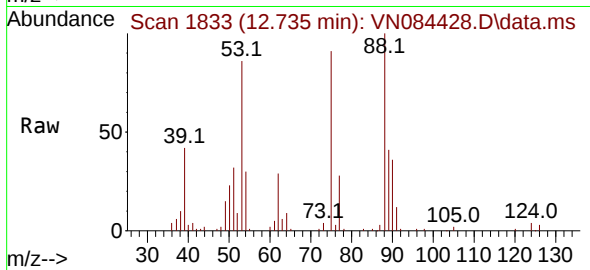
Tgt Ion:105 Resp: 416797
Ion Ratio Lower Upper
105 100
120 47.7 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 53.835 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

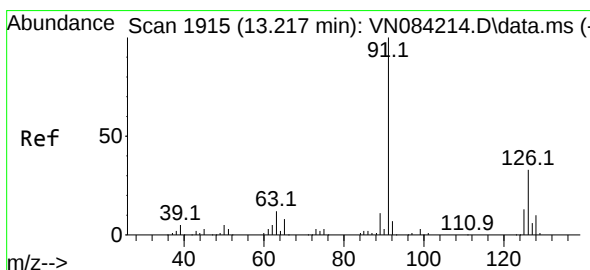
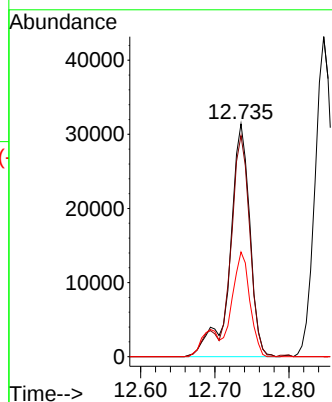
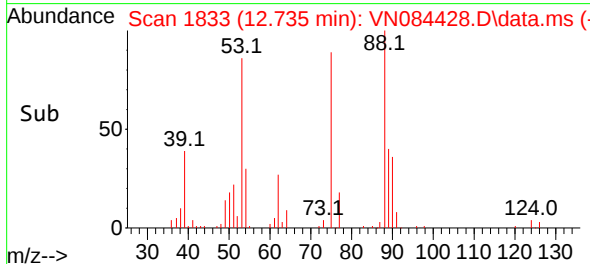
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 5851
Ion Ratio Lower Upper
75 100
53 86.4 78.0 117.0
89 40.2 35.5 53.3

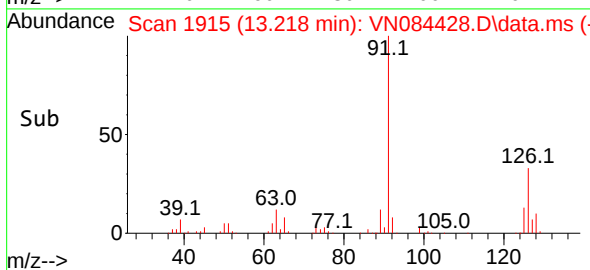
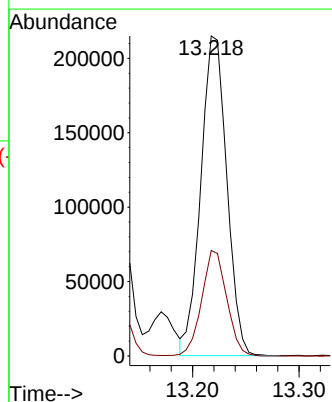
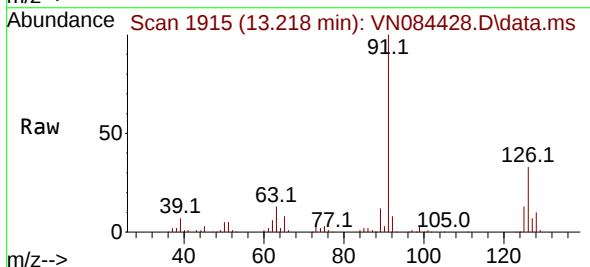
Manual Integrations
APPROVED

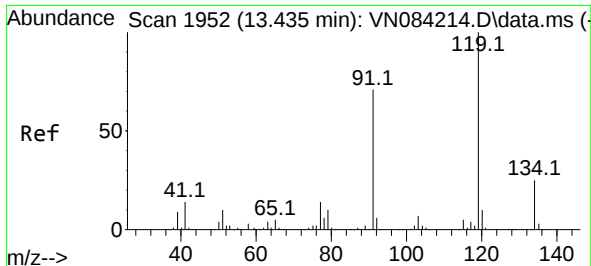
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#82
4-Chlorotoluene
Concen: 50.275 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

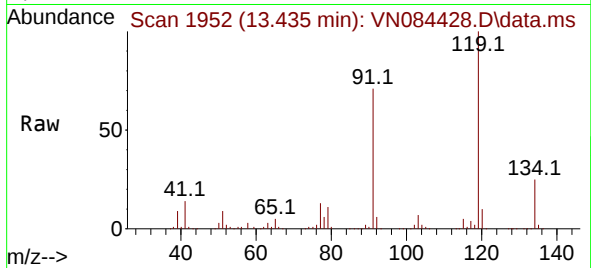
Tgt Ion: 91 Resp: 364438
Ion Ratio Lower Upper
91 100
126 31.9 15.7 47.1





#83
tert-Butylbenzene
Concen: 49.862 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

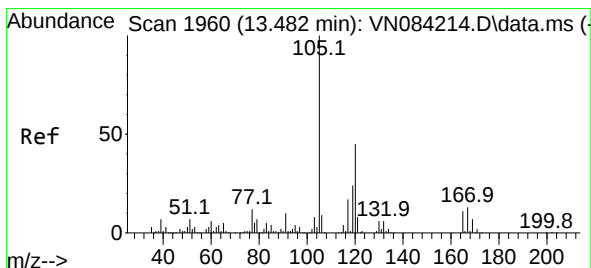
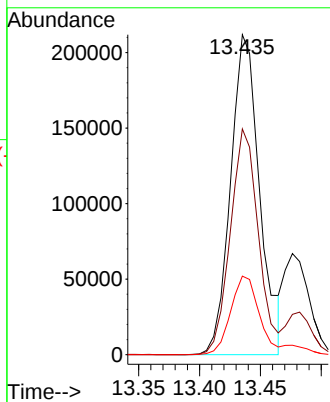
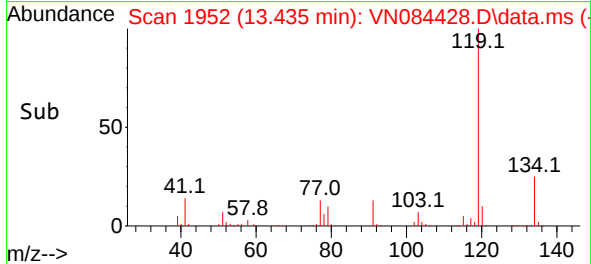
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



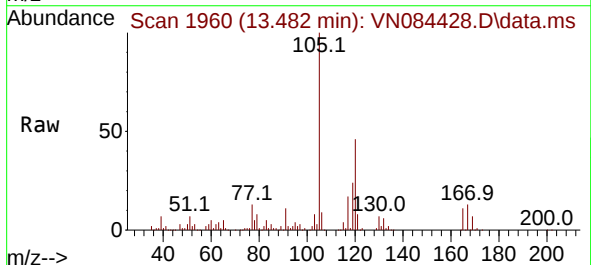
Tgt Ion:119 Resp: 352099
Ion Ratio Lower Upper
119 100
91 68.1 34.1 102.3
134 26.4 12.8 38.4

Manual Integrations
APPROVED

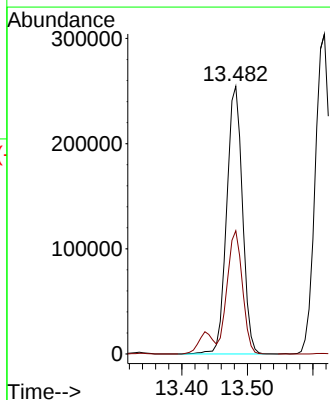
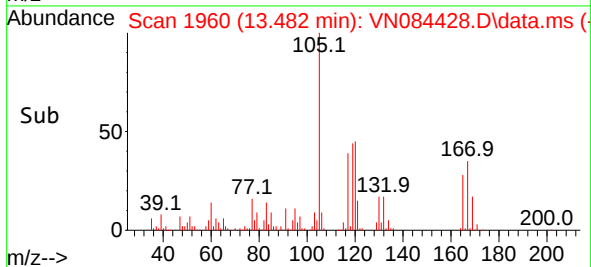
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

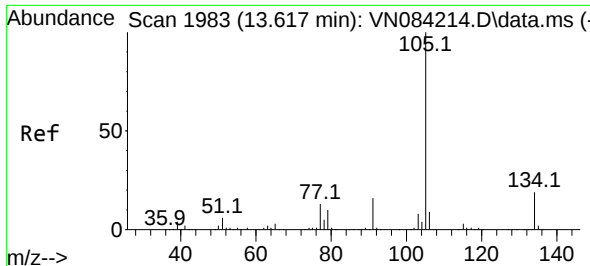


#84
1,2,4-Trimethylbenzene
Concen: 52.722 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38



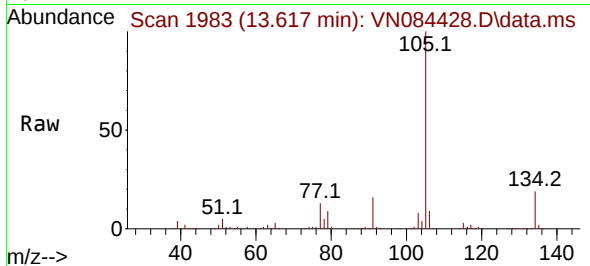
Tgt Ion:105 Resp: 421969
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 52.226 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084428.D
 Acq: 21 Oct 2024 11:38

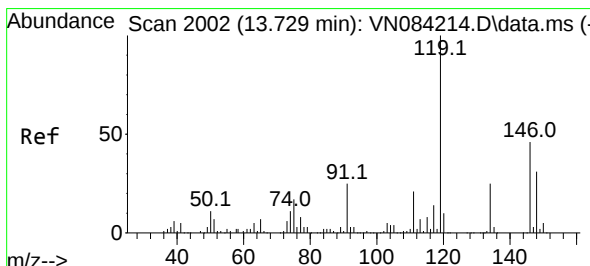
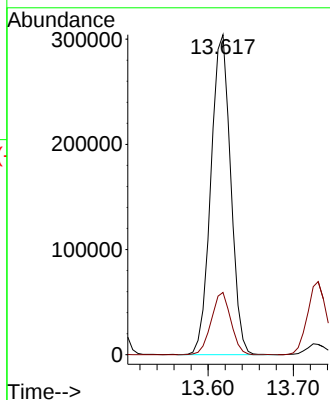
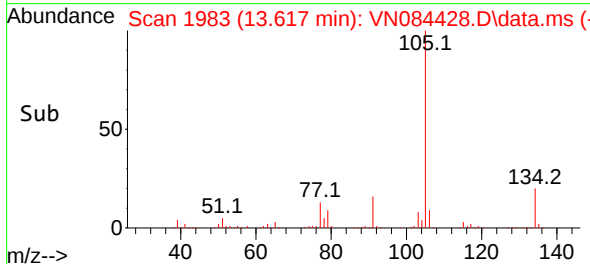
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



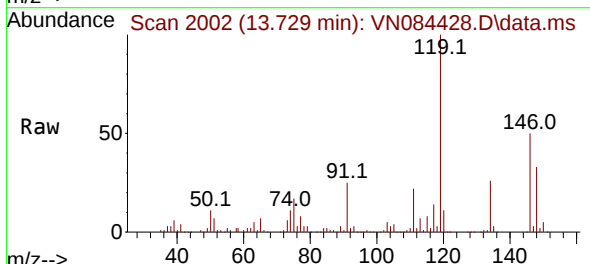
Tgt Ion:105 Resp: 492135
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

Manual Integrations
 APPROVED

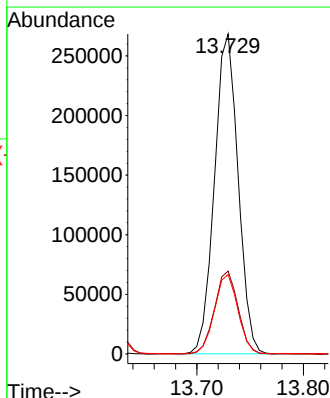
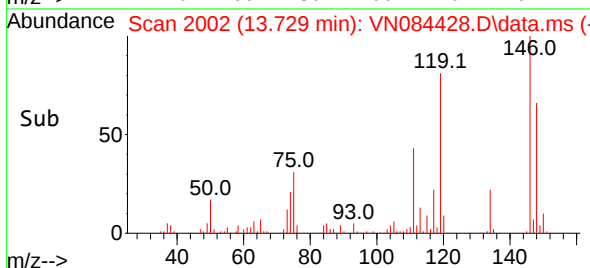
Reviewed By :John Carlone 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024

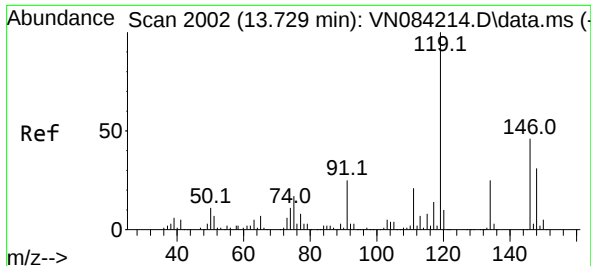


#86
 p-Isopropyltoluene
 Concen: 52.906 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084428.D
 Acq: 21 Oct 2024 11:38



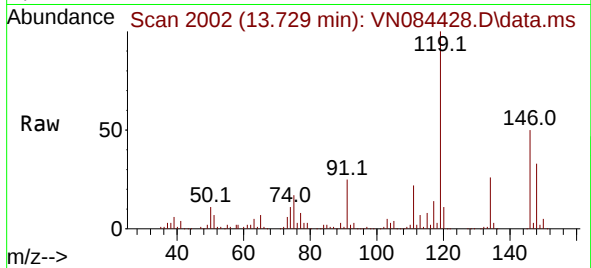
Tgt Ion:119 Resp: 412249
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 24.7 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 51.493 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084428.D
 Acq: 21 Oct 2024 11:38

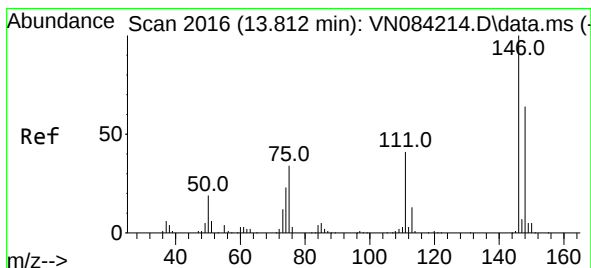
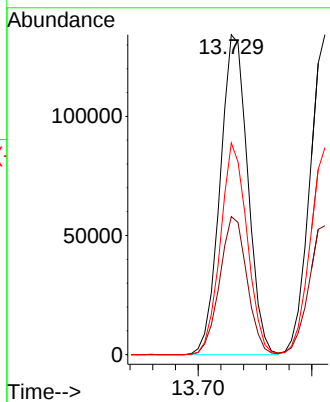
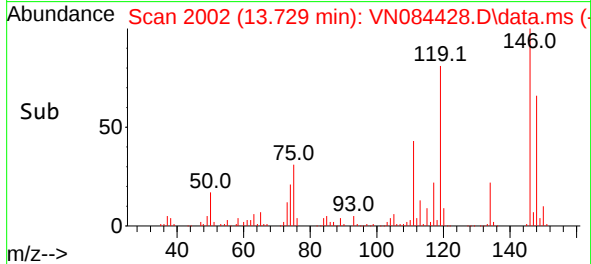
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



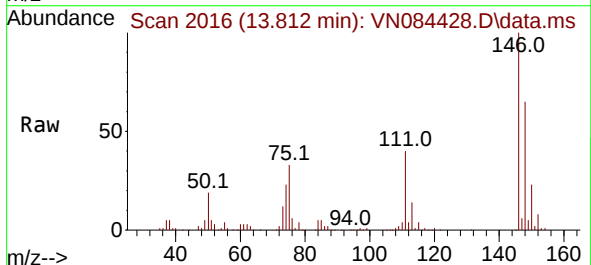
Tgt Ion:146 Resp: 226954
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.8 65.3
 148 63.9 31.9 95.7

Manual Integrations
 APPROVED

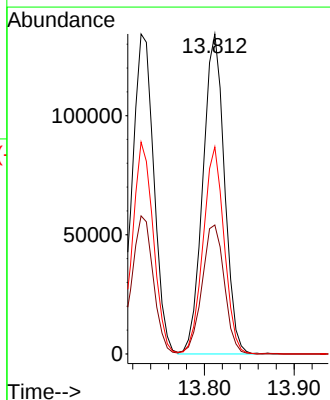
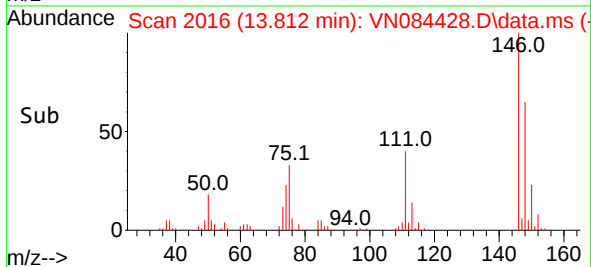
Reviewed By :John Carlone 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024

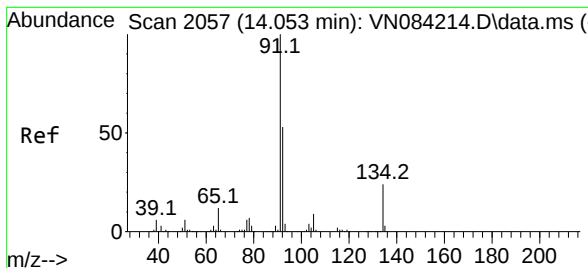


#88
 1,4-Dichlorobenzene
 Concen: 50.322 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN084428.D
 Acq: 21 Oct 2024 11:38



Tgt Ion:146 Resp: 223977
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.2 63.6
 148 63.1 31.9 95.9





#89

n-Butylbenzene

Concen: 49.495 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

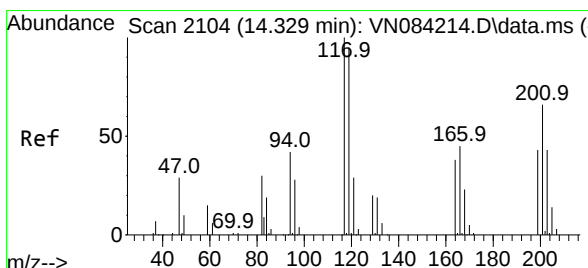
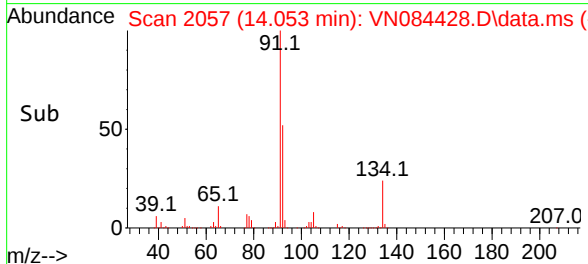
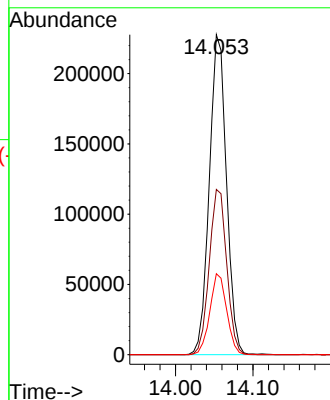
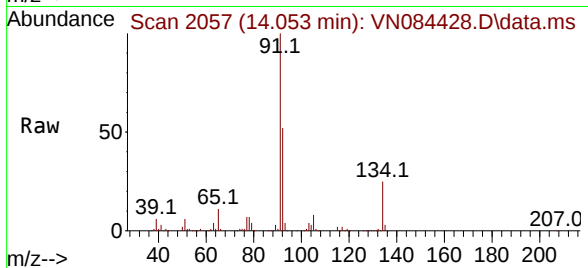
Tgt Ion:	91	Resp:	349709
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.6	79.7
134	24.9	12.3	36.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#90

Hexachloroethane

Concen: 48.204 ug/l

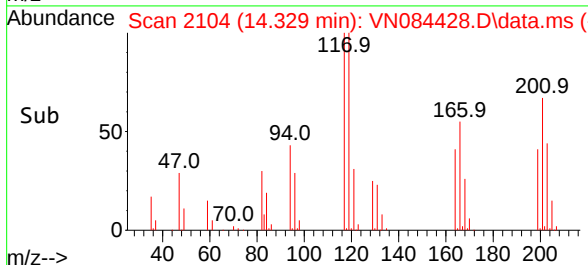
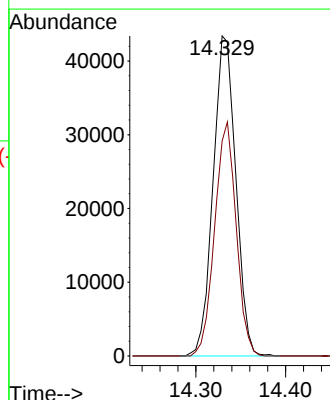
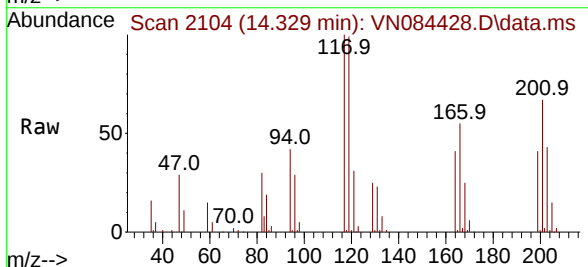
RT: 14.329 min Scan# 2104

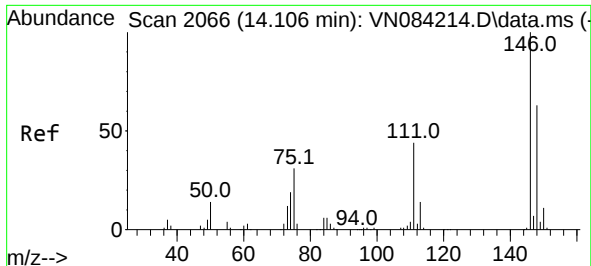
Delta R.T. 0.000 min

Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

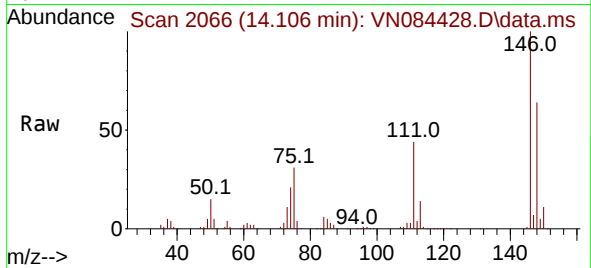
Tgt Ion:	117	Resp:	76242
Ion	Ratio	Lower	Upper
117	100		
201	69.3	34.4	103.2





#91
1,2-Dichlorobenzene
Concen: 50.991 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38

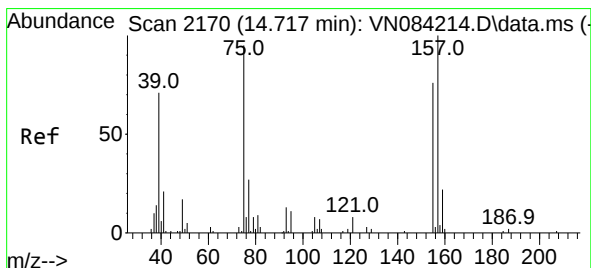
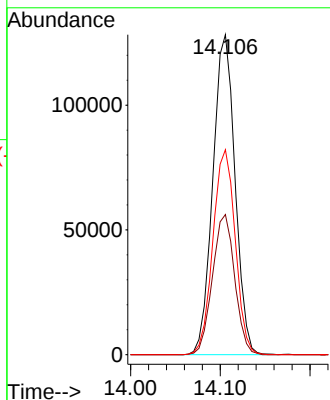
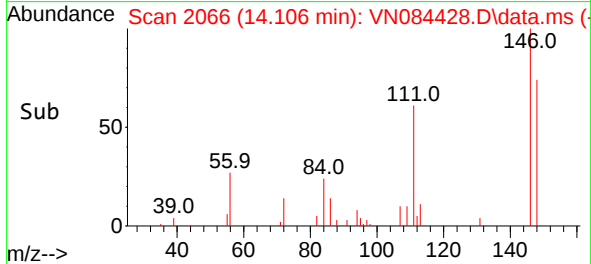
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



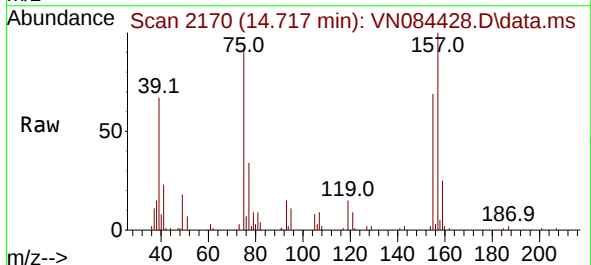
Tgt Ion:146 Resp: 220370
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 64.4 32.1 96.3

Manual Integrations
APPROVED

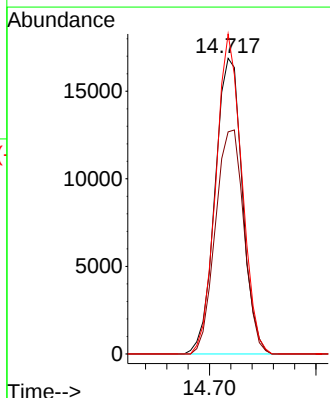
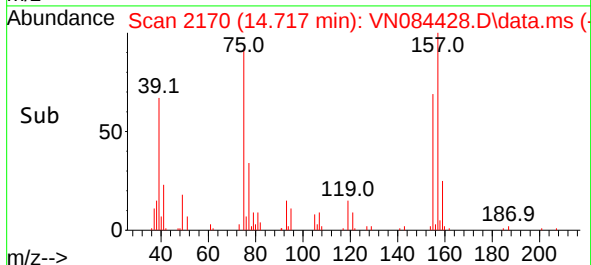
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

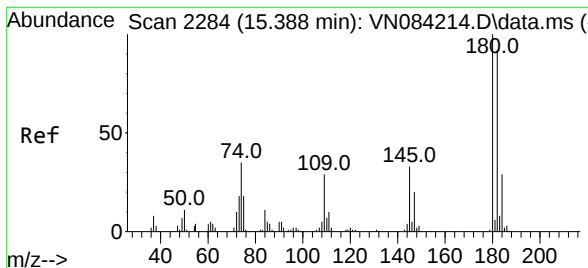


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.657 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084428.D
Acq: 21 Oct 2024 11:38



Tgt Ion: 75 Resp: 30011
Ion Ratio Lower Upper
75 100
155 79.3 38.1 114.5
157 102.7 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 51.373 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 109350

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.0

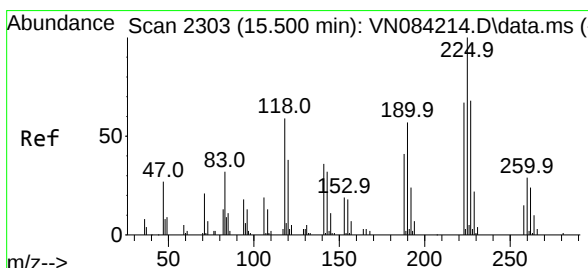
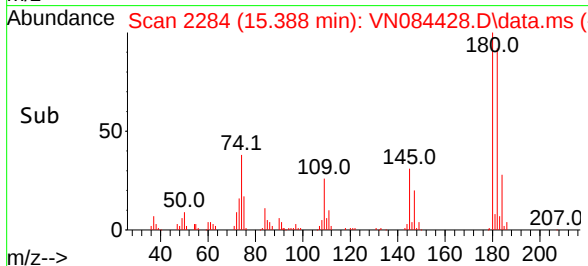
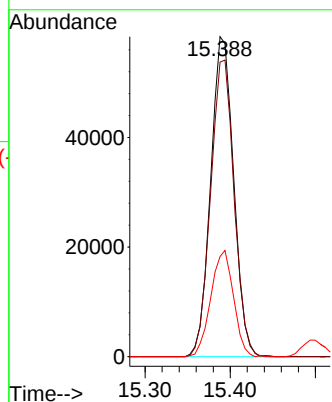
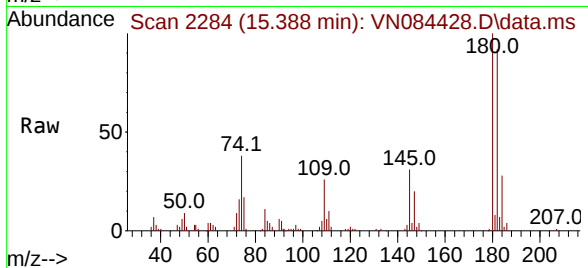
145 32.7 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#94

Hexachlorobutadiene

Concen: 47.838 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

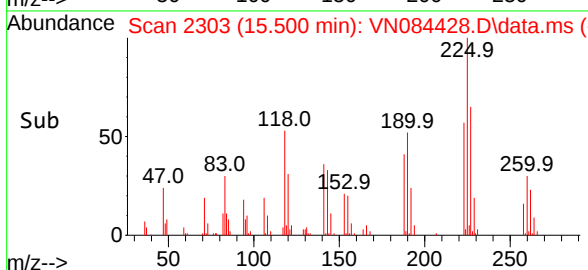
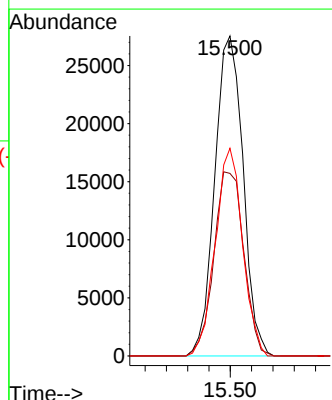
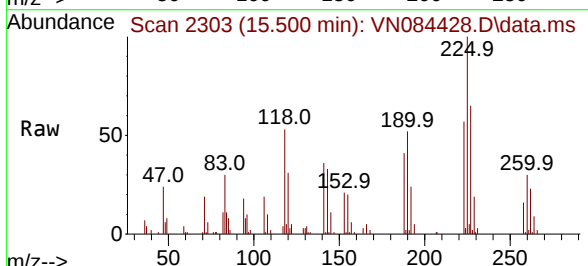
Tgt Ion:225 Resp: 50783

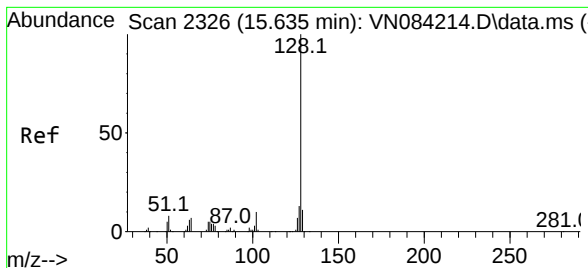
Ion Ratio Lower Upper

225 100

223 60.9 32.4 97.2

227 62.5 32.4 97.0





#95

Naphthalene

Concen: 51.214 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 36141

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

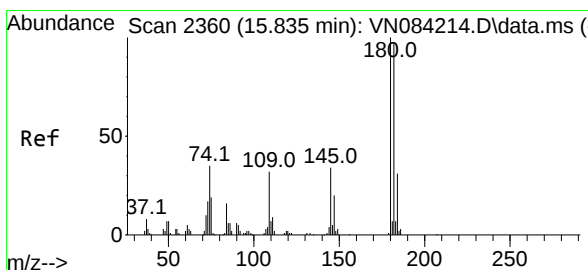
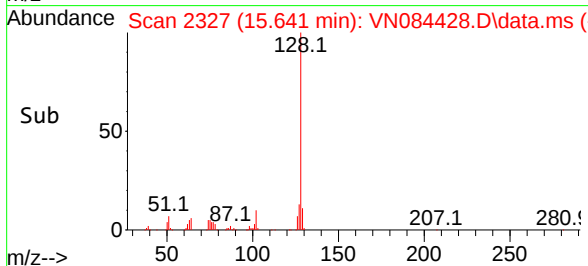
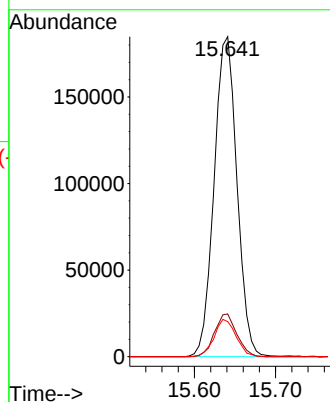
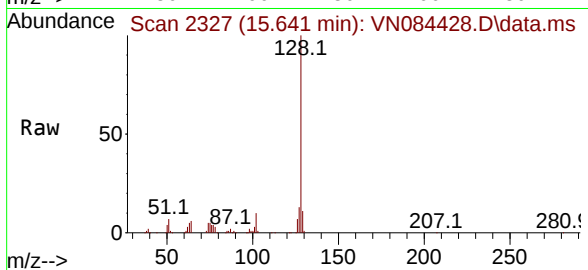
129 11.2 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#96

1,2,3-Trichlorobenzene

Concen: 52.021 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084428.D

Acq: 21 Oct 2024 11:38

Tgt Ion:180 Resp: 110846

Ion Ratio Lower Upper

180 100

182 95.2 48.2 144.6

145 34.9 17.3 51.9

