

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084229.D
 Acq On : 30 Sep 2024 20:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 01 07:16:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	172305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127943	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120810	47.289	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.580%
35) Dibromofluoromethane	8.171	113	91037	46.354	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.700%
50) Toluene-d8	10.565	98	349596	48.383	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.847	95	127959	48.610	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	95754	46.982	ug/l	92
3) Chloromethane	2.359	50	108104	46.453	ug/l	99
4) Vinyl Chloride	2.512	62	105780	46.926	ug/l	97
5) Bromomethane	2.947	94	64445	43.343	ug/l	97
6) Chloroethane	3.112	64	67113	41.572	ug/l	98
7) Trichlorofluoromethane	3.495	101	165985	47.287	ug/l	98
8) Diethyl Ether	3.965	74	60747	46.661	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	93121	46.299	ug/l	98
10) Methyl Iodide	4.583	142	121241	46.808	ug/l	97
11) Tert butyl alcohol	5.518	59	92725	220.116	ug/l	100
12) 1,1-Dichloroethene	4.342	96	93044	47.960	ug/l	97
13) Acrolein	4.183	56	114633	237.037	ug/l	97
14) Allyl chloride	5.024	41	152584	45.287	ug/l	99
15) Acrylonitrile	5.718	53	254496	239.235	ug/l	99
16) Acetone	4.430	43	219284	199.810	ug/l	99
17) Carbon Disulfide	4.712	76	267114	43.488	ug/l	97
18) Methyl Acetate	5.024	43	119555	49.981	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	316544	48.342	ug/l	100
20) Methylene Chloride	5.277	84	105492	47.287	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	98395	48.410	ug/l	93
22) Diisopropyl ether	6.671	45	339685	48.741	ug/l	97
23) Vinyl Acetate	6.600	43	1272161	246.111	ug/l	100
24) 1,1-Dichloroethane	6.571	63	189258	48.561	ug/l	100
25) 2-Butanone	7.482	43	345312	231.014	ug/l	95
26) 2,2-Dichloropropane	7.488	77	153573	43.703	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	116094	47.268	ug/l	99
28) Bromochloromethane	7.806	49	80368	46.217	ug/l	100
29) Tetrahydrofuran	7.835	42	226115	245.126	ug/l	99
30) Chloroform	7.965	83	192596	47.574	ug/l	99
31) Cyclohexane	8.259	56	168808	44.610	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	175537	48.279	ug/l	99
36) 1,1-Dichloropropene	8.371	75	139536	48.913	ug/l	99
37) Ethyl Acetate	7.559	43	142257	48.607	ug/l	99
38) Carbon Tetrachloride	8.359	117	150960	48.241	ug/l	96
39) Methylcyclohexane	9.600	83	156605	49.324	ug/l	98
40) Benzene	8.606	78	424656	47.778	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084229.D
 Acq On : 30 Sep 2024 20:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 01 07:16:37 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 10/01/2024
 Supervised By : Mahesh Dadoda 10/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	80062	50.390	ug/l	98
42) 1,2-Dichloroethane	8.671	62	145498	48.287	ug/l	99
43) Isopropyl Acetate	8.688	43	239361	41.755	ug/l	100
44) Trichloroethene	9.353	130	103141	49.685	ug/l	97
45) 1,2-Dichloropropane	9.618	63	104679	49.786	ug/l	100
46) Dibromomethane	9.706	93	70294	49.541	ug/l	97
47) Bromodichloromethane	9.888	83	153873	48.812	ug/l #	99
48) Methyl methacrylate	9.682	41	113830	49.883	ug/l	99
49) 1,4-Dioxane	9.694	88	39498	940.188	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	712677	255.801	ug/l	99
52) Toluene	10.629	92	267474	49.349	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	157247	48.935	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	168627	48.787	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	94923	48.853	ug/l	98
56) Ethyl methacrylate	10.871	69	163523	51.146	ug/l	99
57) 1,3-Dichloropropane	11.159	76	170081	48.988	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	366443	247.073	ug/l	100
59) 2-Hexanone	11.194	43	518819	249.152	ug/l	99
60) Dibromochloromethane	11.359	129	114404	49.833	ug/l	98
61) 1,2-Dibromoethane	11.470	107	97725	48.403	ug/l	99
64) Tetrachloroethene	11.100	164	86149	47.135	ug/l	97
65) Chlorobenzene	11.888	112	278686	47.899	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	97219	48.512	ug/l	99
67) Ethyl Benzene	11.965	91	502462	48.833	ug/l	97
68) m/p-Xylenes	12.070	106	384388	100.993	ug/l	99
69) o-Xylene	12.394	106	183036	50.829	ug/l	98
70) Styrene	12.412	104	315973	51.804	ug/l	99
71) Bromoform	12.576	173	74710	50.637	ug/l #	98
73) Isopropylbenzene	12.694	105	474033	48.553	ug/l	100
74) N-amyl acetate	12.494	43	212853	48.145	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	137414	46.808	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	133904m	51.265	ug/l	
77) Bromobenzene	12.982	156	109792	46.621	ug/l	99
78) n-propylbenzene	13.035	91	565683	50.008	ug/l	100
79) 2-Chlorotoluene	13.123	91	344054	47.666	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	404131	50.745	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	50348	46.213	ug/l	99
82) 4-Chlorotoluene	13.217	91	350772	48.275	ug/l	99
83) tert-Butylbenzene	13.435	119	343976	48.595	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	402313	50.146	ug/l	100
85) sec-Butylbenzene	13.611	105	469008	49.654	ug/l	99
86) p-Isopropyltoluene	13.729	119	399116	51.099	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	208454	47.183	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	204163	45.761	ug/l	99
89) n-Butylbenzene	14.053	91	341283	48.187	ug/l	100
90) Hexachloroethane	14.329	117	74109	46.744	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	198642	45.854	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28495	47.036	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	100056	46.892	ug/l	100
94) Hexachlorobutadiene	15.500	225	43797	41.159	ug/l	97
95) Naphthalene	15.641	128	320551	45.315	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	97480	45.639	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
Data File : VN084229.D
Acq On : 30 Sep 2024 20:06
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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

Quant Time: Oct 01 07:16:37 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

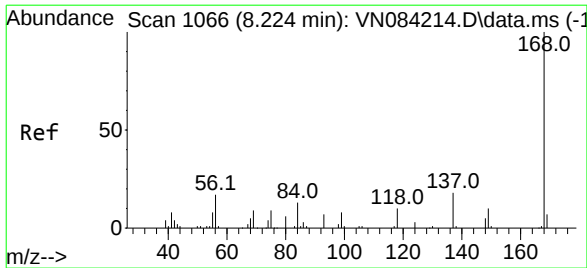
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Manual Integrations APPROVED

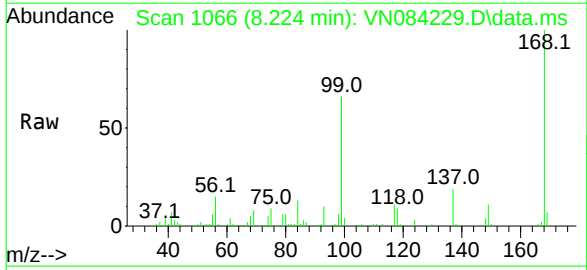
Quant Time: Oct 01 07:16:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

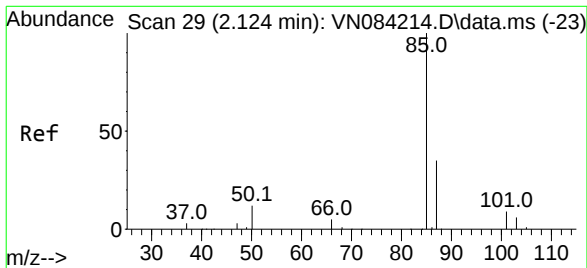
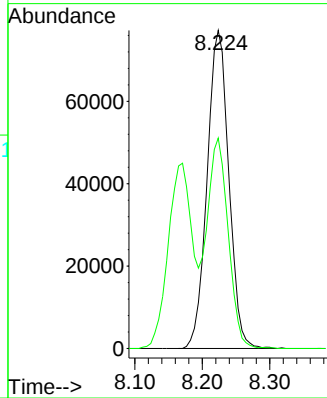
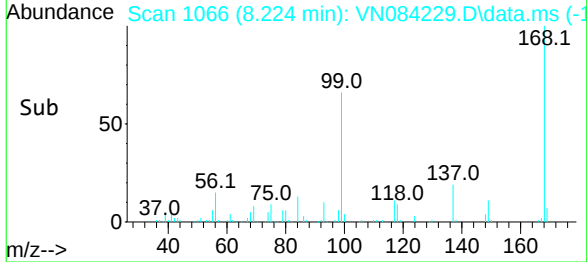
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 168 Resp: 172305
Ion Ratio Lower Upper
168 100
99 66.2 54.2 81.2

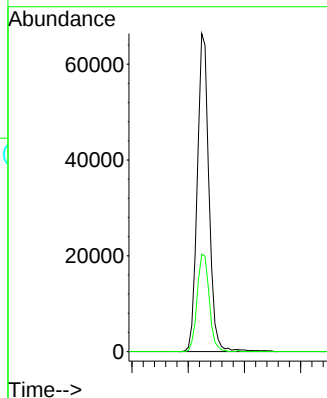
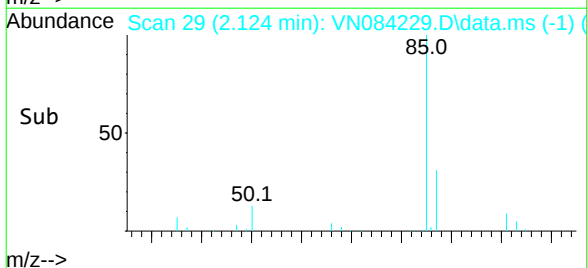
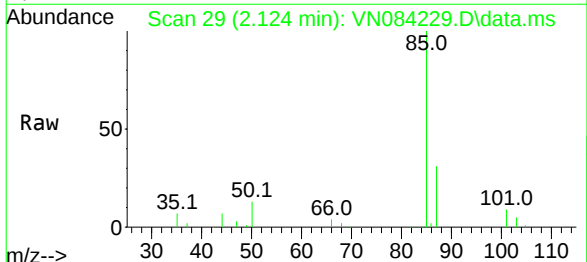
Manual Integrations
APPROVED

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

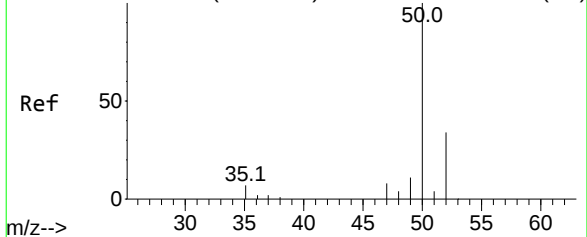


#2
Dichlorodifluoromethane
Concen: 46.982 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion: 85 Resp: 95754
Ion Ratio Lower Upper
85 100
87 30.6 17.6 52.9



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



#3
Chloromethane
Concen: 46.453 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :

MSVOA_N

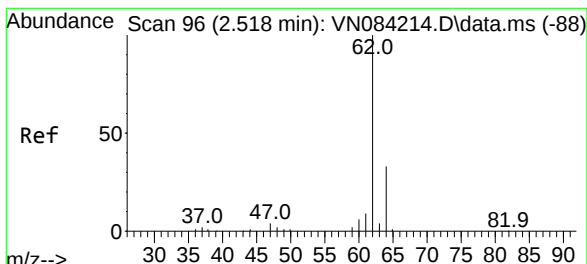
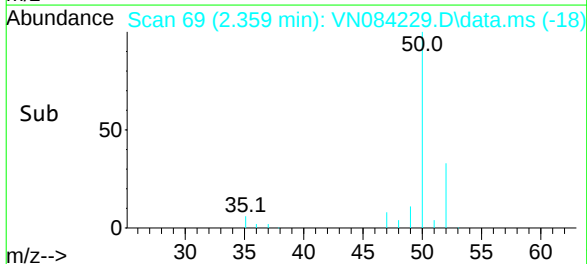
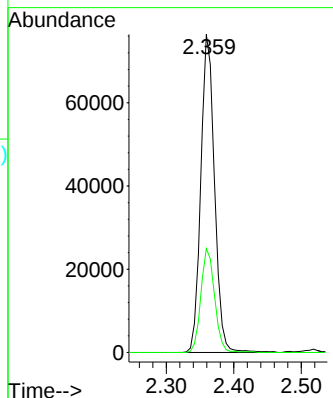
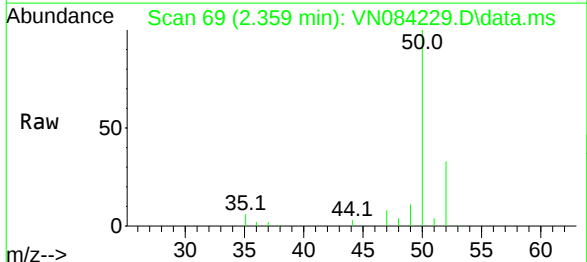
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 108104
Ion Ratio Lower Upper
50 100
52 32.7 26.8 40.2

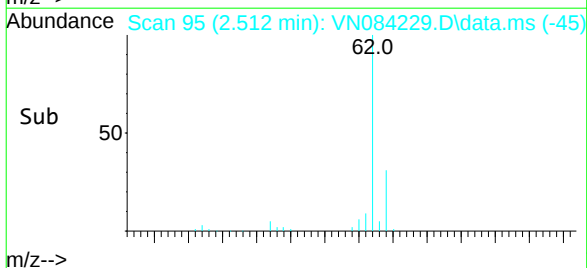
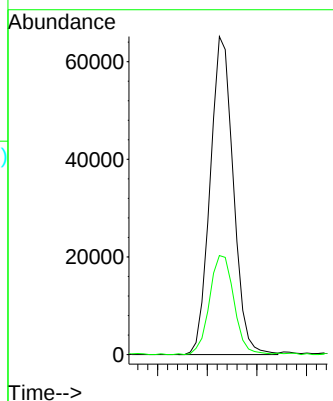
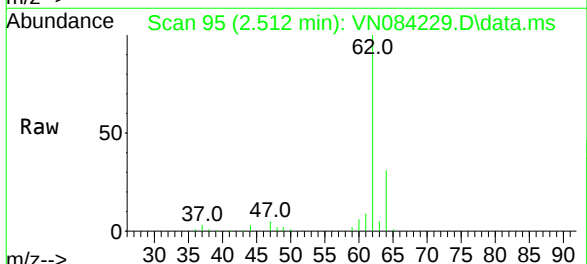
Manual Integrations
APPROVED

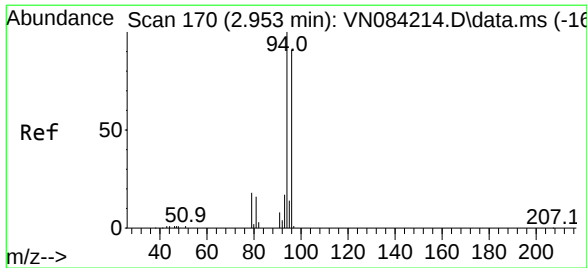
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#4
Vinyl Chloride
Concen: 46.926 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion: 62 Resp: 105780
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.4





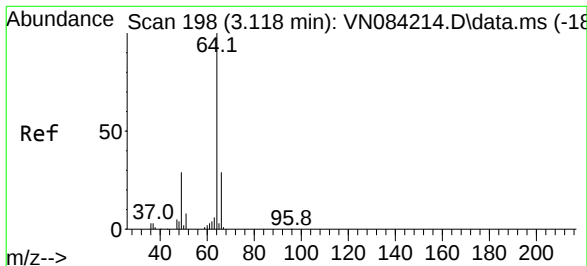
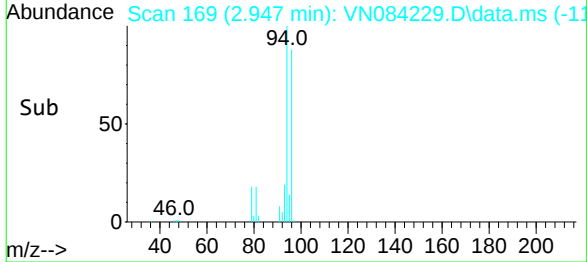
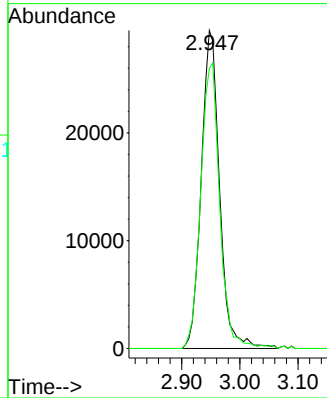
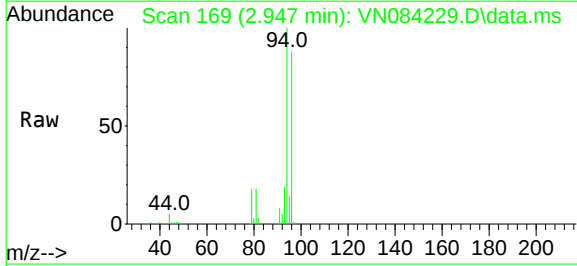
#5
Bromomethane
Concen: 43.343 ug/l
RT: 2.947 min Scan# 16
Delta R.T. -0.006 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 64445
Ion Ratio Lower Upper
94 100
96 88.0 72.9 109.3

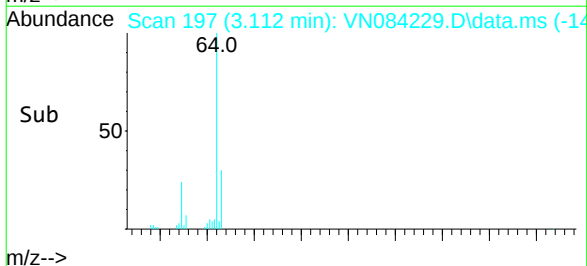
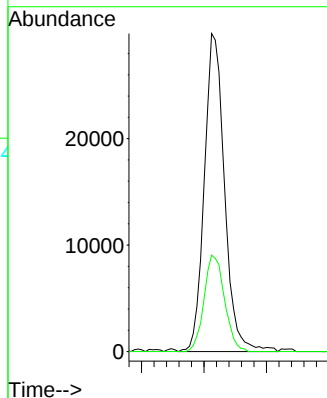
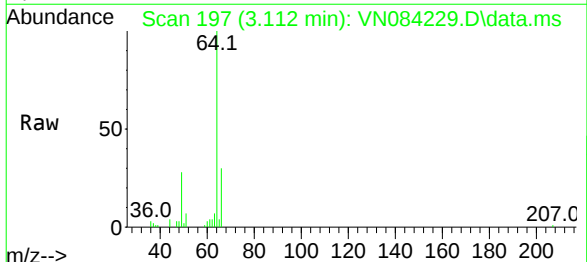
Manual Integrations
APPROVED

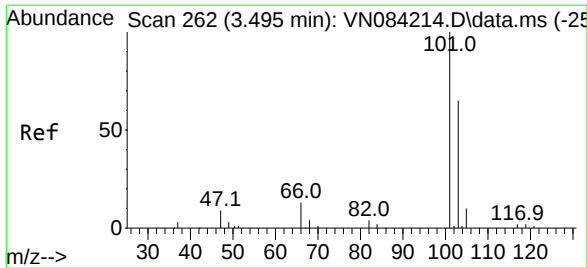
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#6
Chloroethane
Concen: 41.572 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

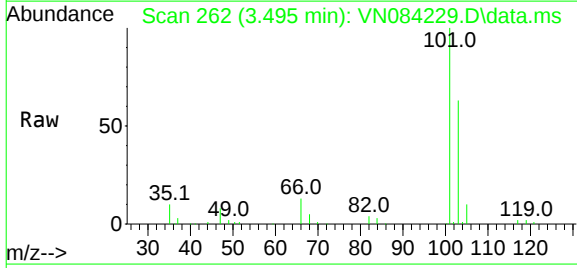
Tgt Ion: 64 Resp: 67113
Ion Ratio Lower Upper
64 100
66 30.3 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 47.287 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN084229.D
 Acq: 30 Sep 2024 20:06

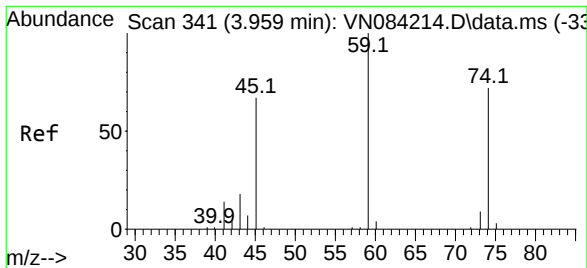
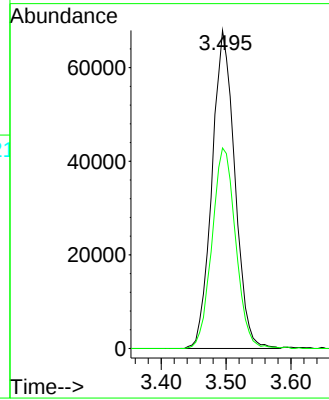
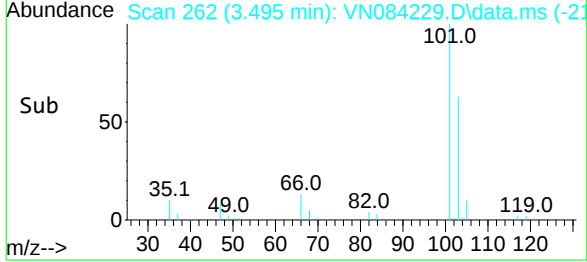
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 165985
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.8 77.6

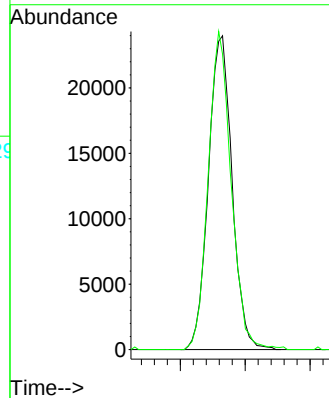
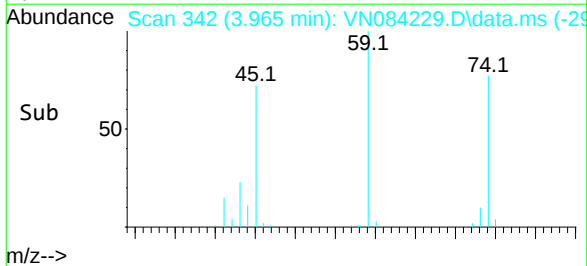
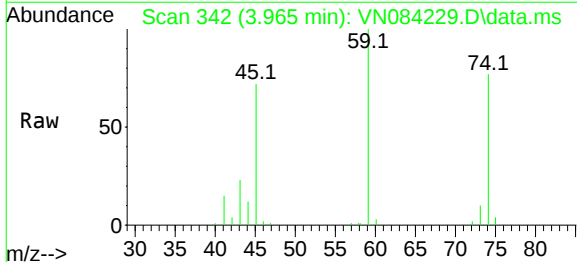
Manual Integrations
 APPROVED

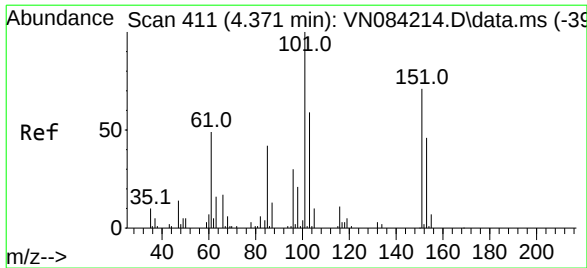
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#8
 Diethyl Ether
 Concen: 46.661 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN084229.D
 Acq: 30 Sep 2024 20:06

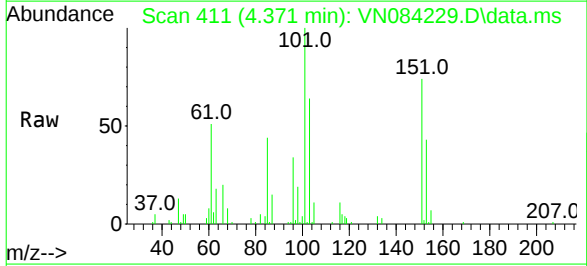
Tgt Ion: 74 Resp: 60747
 Ion Ratio Lower Upper
 74 100
 45 98.5 47.7 143.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.299 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

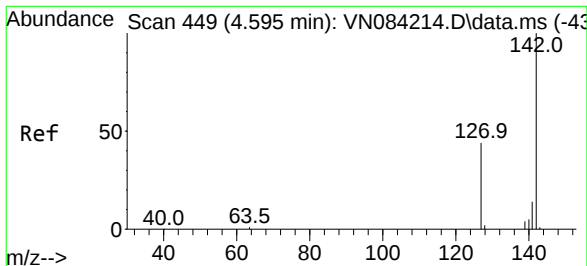
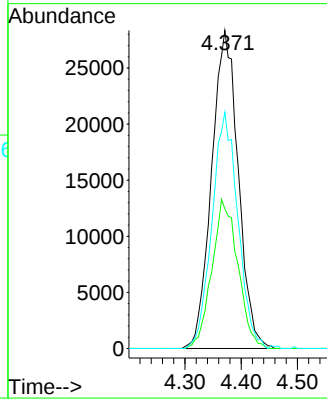
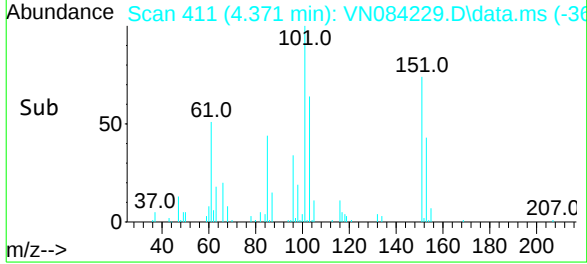
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



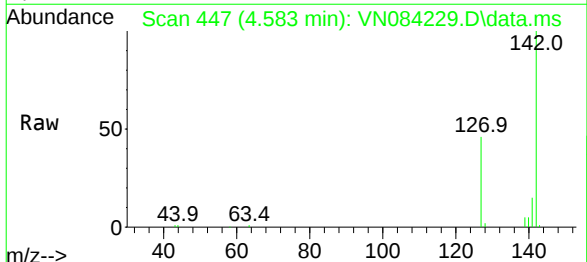
Tgt Ion	Ratio	Lower	Upper
101	100		
85	45.7	36.2	54.4
151	72.3	59.3	88.9

Manual Integrations
APPROVED

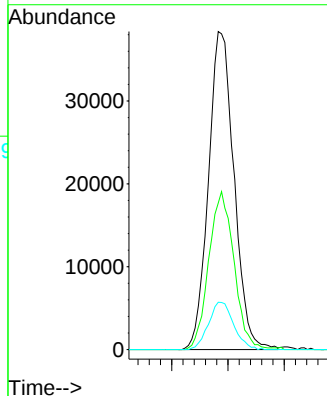
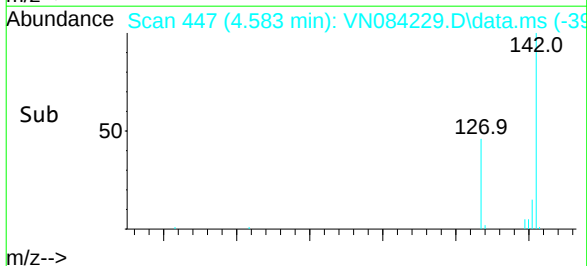
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

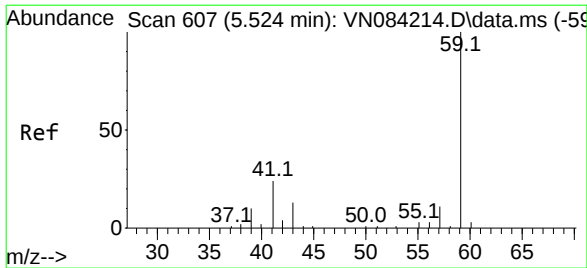


#10
Methyl Iodide
Concen: 46.808 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06



Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.1	35.3	52.9
141	14.9	11.0	16.6





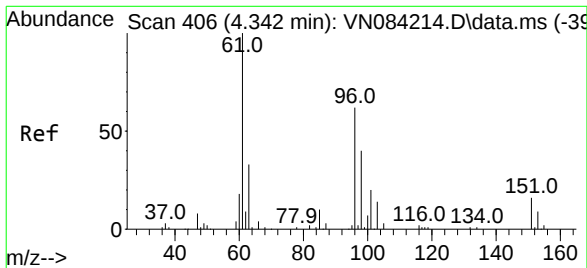
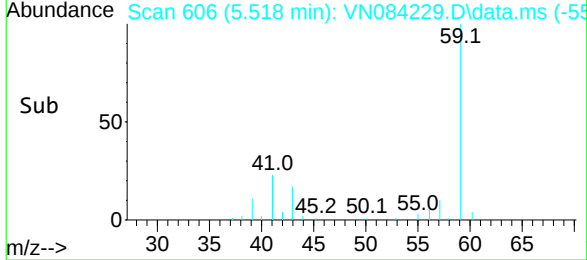
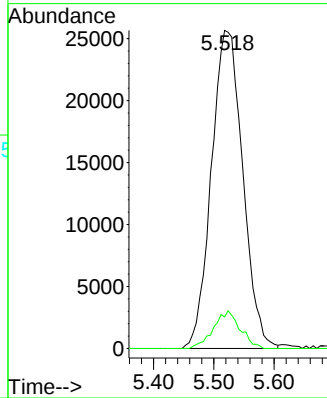
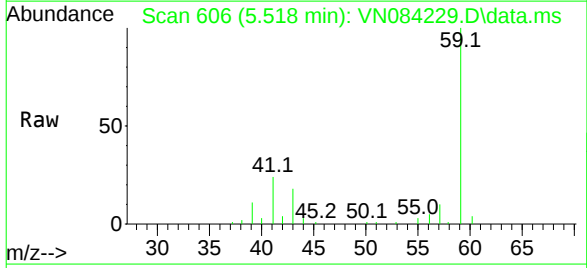
#11
Tert butyl alcohol
Concen: 220.116 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 92725
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

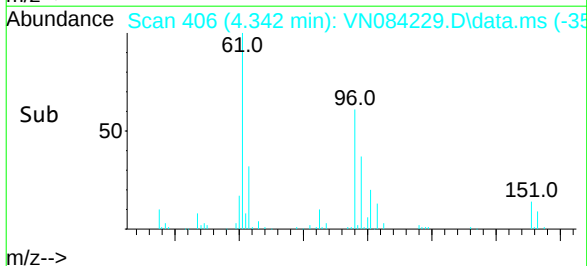
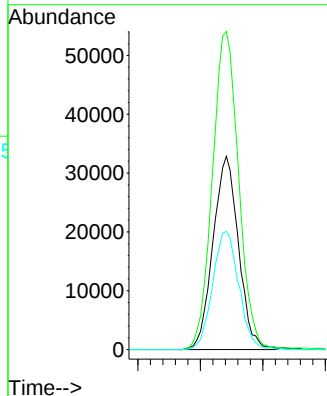
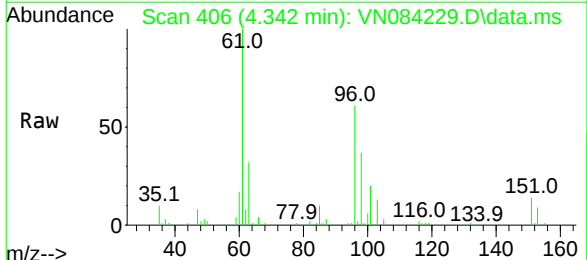
Manual Integrations
APPROVED

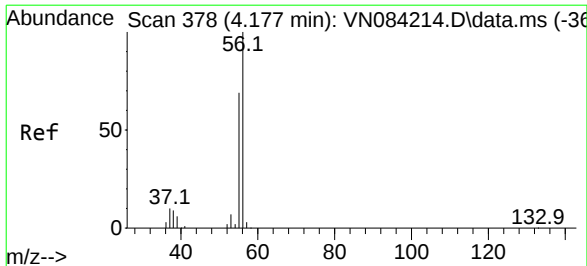
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#12
1,1-Dichloroethene
Concen: 47.960 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

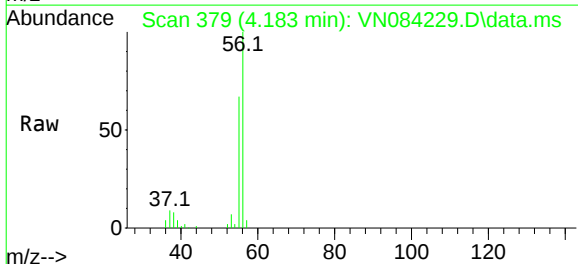
Tgt Ion: 96 Resp: 93044
Ion Ratio Lower Upper
96 100
61 164.5 128.6 192.8
98 61.1 51.7 77.5





#13
Acrolein
Concen: 237.037 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

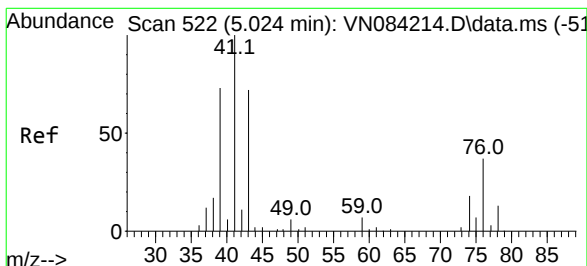
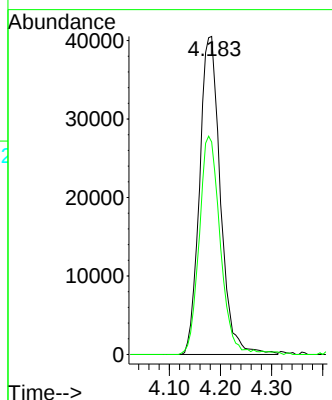
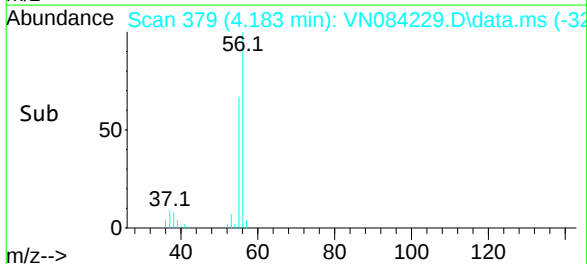
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



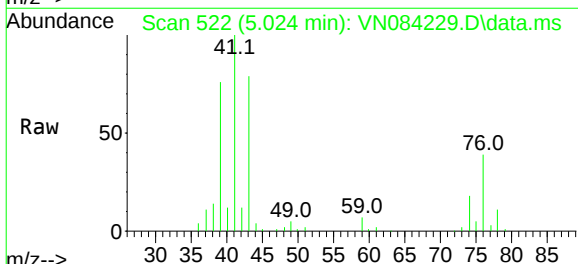
Tgt Ion: 56 Resp: 114633
Ion Ratio Lower Upper
56 100
55 69.0 57.2 85.8

Manual Integrations
APPROVED

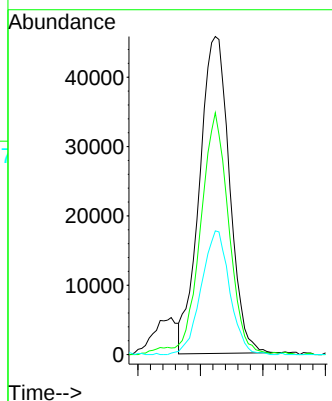
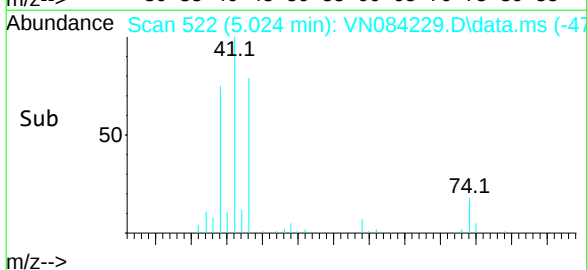
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

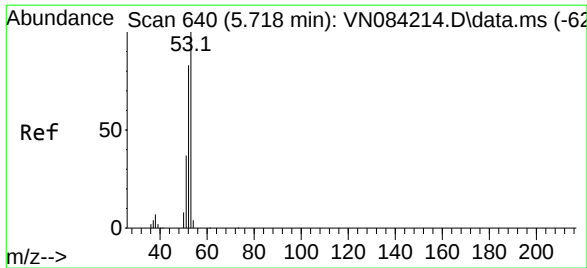


#14
Allyl chloride
Concen: 45.287 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06



Tgt Ion: 41 Resp: 152584
Ion Ratio Lower Upper
41 100
39 72.5 59.0 88.6
76 37.0 29.8 44.6





#15

Acrylonitrile

Concen: 239.235 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN084229.D

Acq: 30 Sep 2024 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

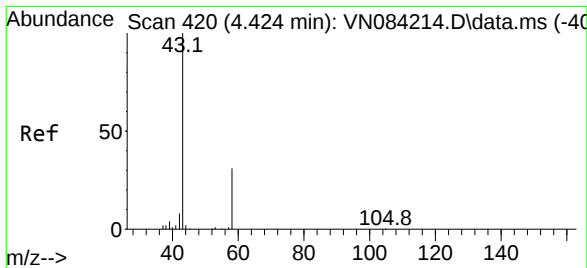
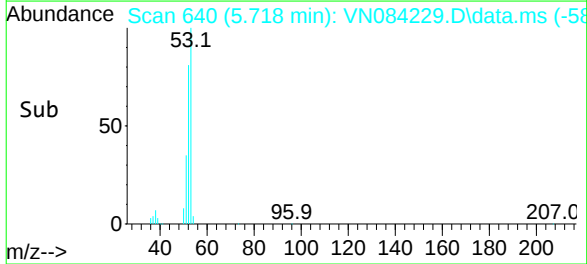
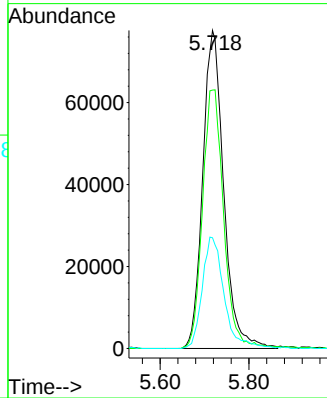
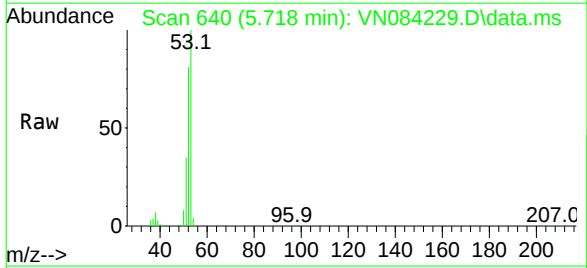
Tgt Ion:	53	Resp:	254496
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.2	99.4
51	36.4	28.8	43.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#16

Acetone

Concen: 199.810 ug/l

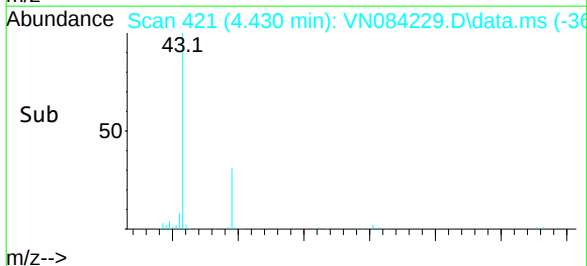
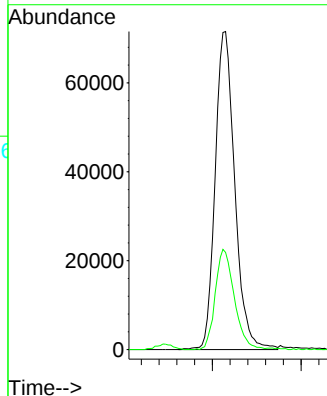
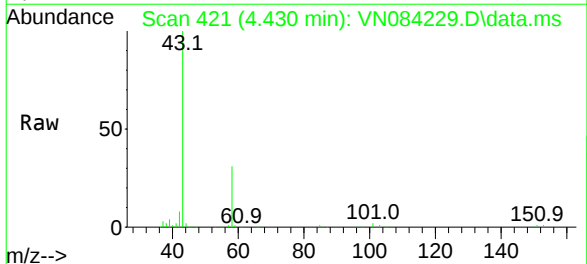
RT: 4.430 min Scan# 421

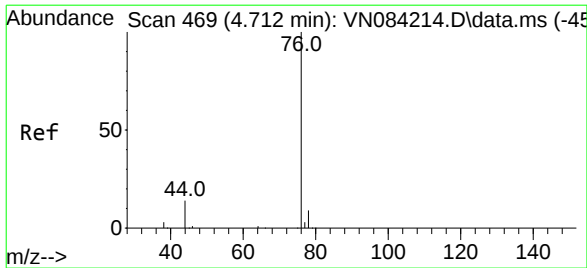
Delta R.T. 0.006 min

Lab File: VN084229.D

Acq: 30 Sep 2024 20:06

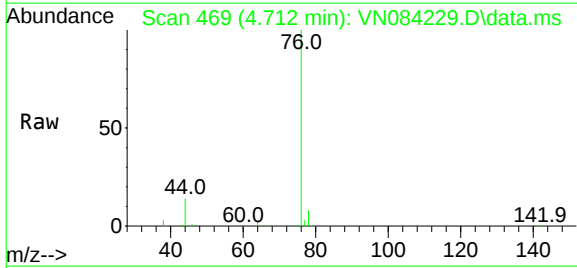
Tgt Ion:	43	Resp:	219284
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.4	36.6





#17
Carbon Disulfide
Concen: 43.488 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

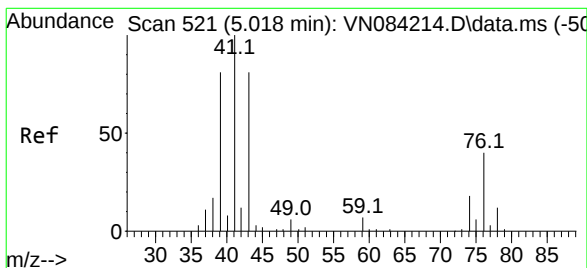
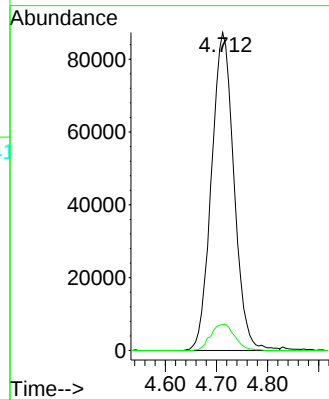
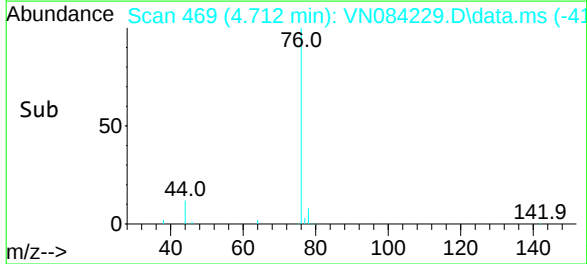
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 267114
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9

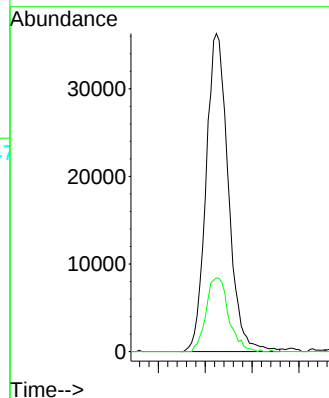
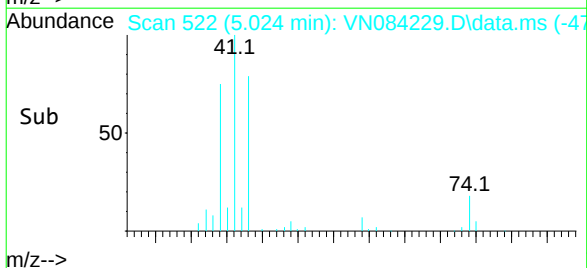
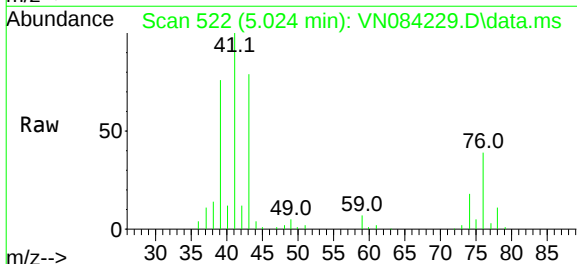
Manual Integrations
APPROVED

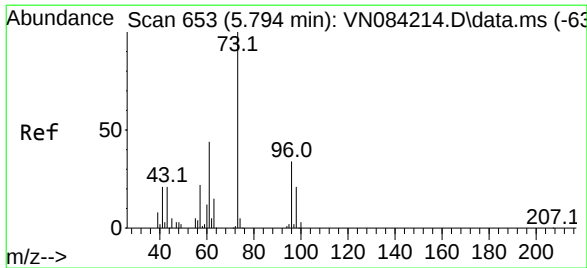
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#18
Methyl Acetate
Concen: 49.981 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion: 43 Resp: 119555
Ion Ratio Lower Upper
43 100
74 23.5 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 48.342 ug/l

RT: 5.794 min Scan# 65

Delta R.T. -0.000 min

Lab File: VN084229.D

Acq: 30 Sep 2024 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 316544

Ion Ratio Lower Upper

73 100

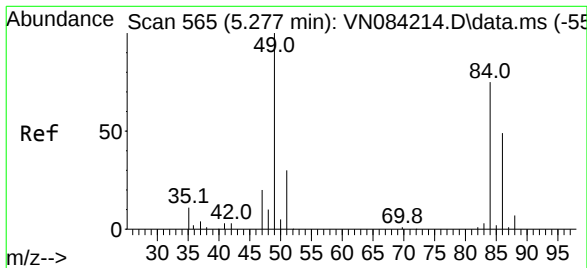
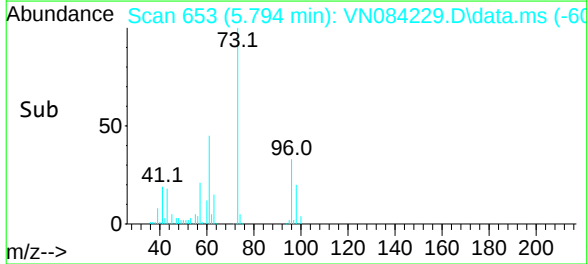
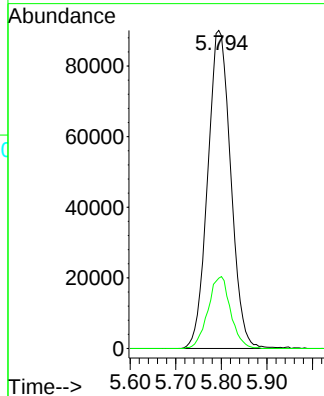
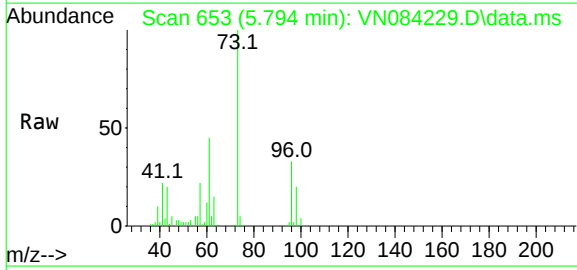
57 22.1 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#20

Methylene Chloride

Concen: 47.287 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN084229.D

Acq: 30 Sep 2024 20:06

Tgt Ion: 84 Resp: 105492

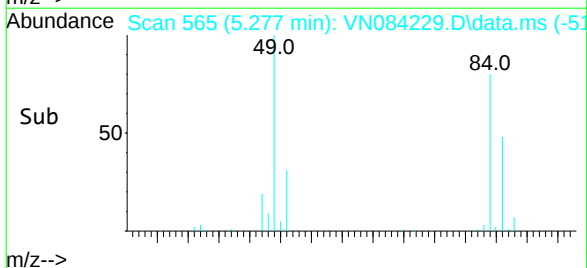
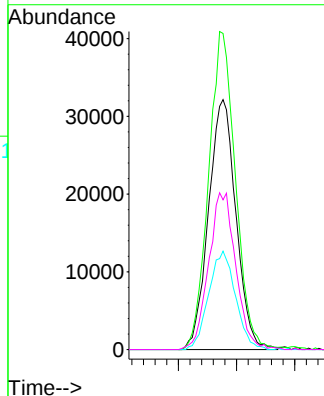
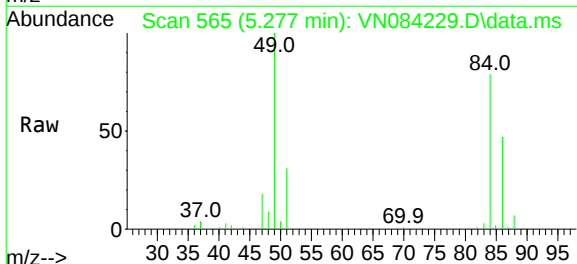
Ion Ratio Lower Upper

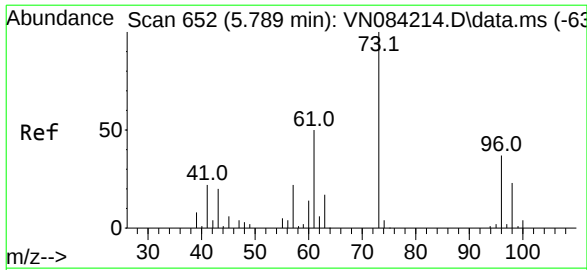
84 100

49 126.5 107.2 160.8

51 39.4 31.8 47.8

86 59.9 52.9 79.3





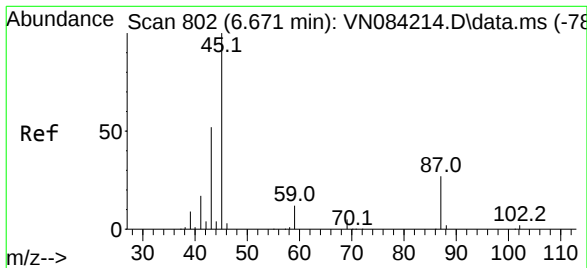
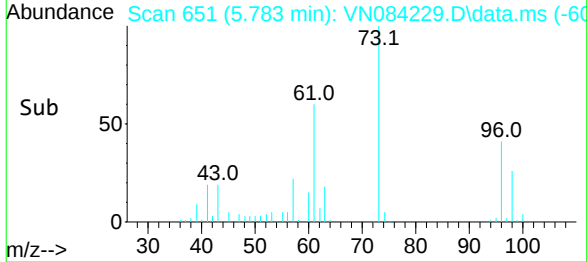
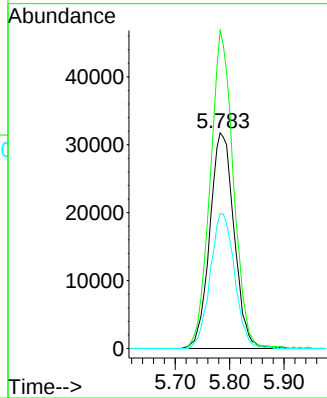
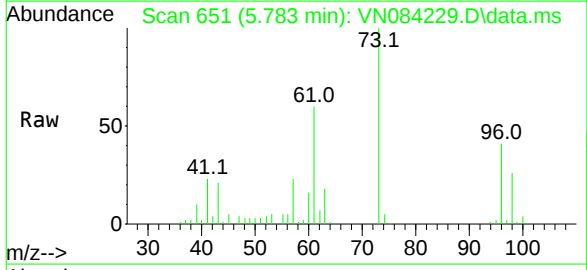
#21
trans-1,2-Dichloroethene
Concen: 48.410 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 98395
Ion Ratio Lower Upper
96 100
61 147.5 108.4 162.6
98 62.6 49.8 74.8

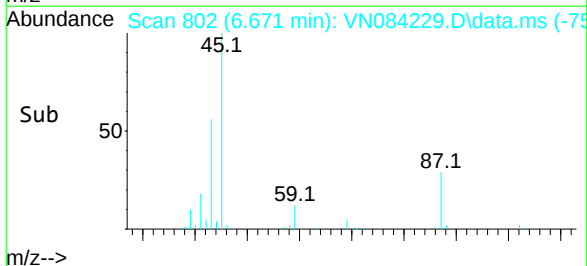
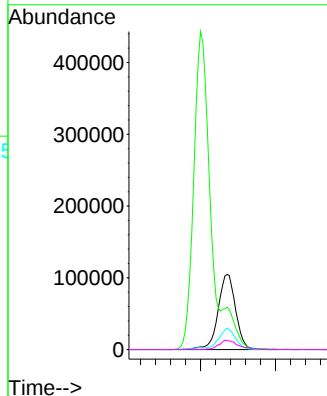
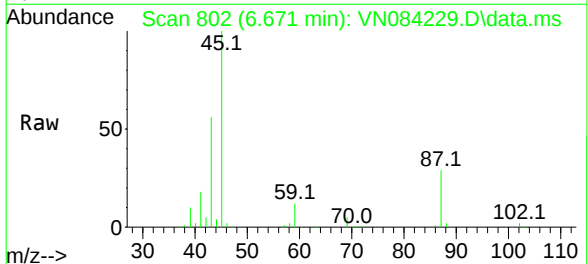
Manual Integrations
APPROVED

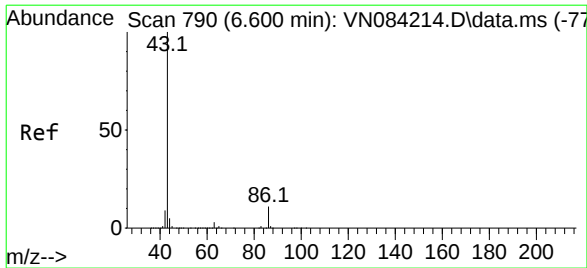
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#22
Diisopropyl ether
Concen: 48.741 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion: 45 Resp: 339685
Ion Ratio Lower Upper
45 100
43 55.7 42.3 63.5
87 28.5 21.8 32.6
59 12.1 9.6 14.4





#23

Vinyl Acetate

Concen: 246.111 ug/l

RT: 6.600 min Scan# 790

Delta R.T. -0.000 min

Lab File: VN084229.D

Acq: 30 Sep 2024 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1272161

Ion Ratio Lower Upper

43 100

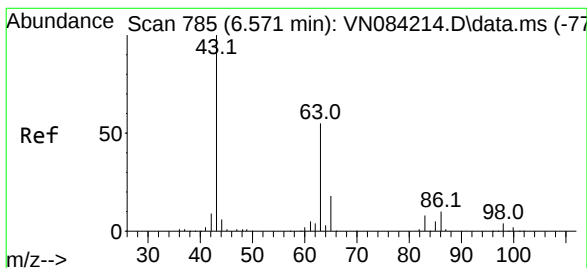
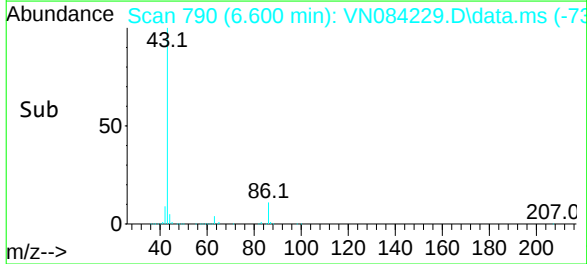
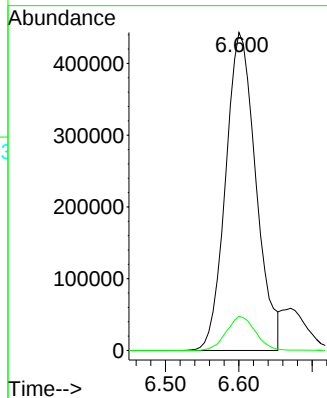
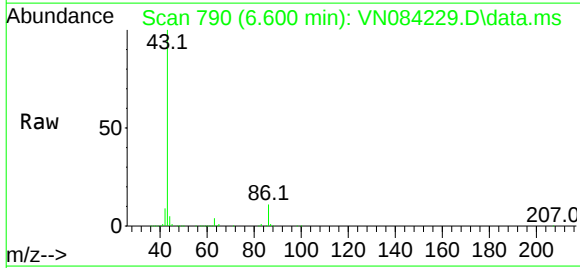
86 10.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#24

1,1-Dichloroethane

Concen: 48.561 ug/l

RT: 6.571 min Scan# 785

Delta R.T. -0.000 min

Lab File: VN084229.D

Acq: 30 Sep 2024 20:06

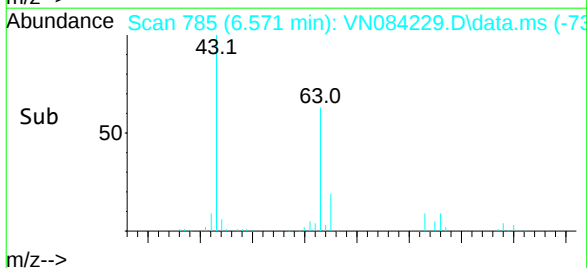
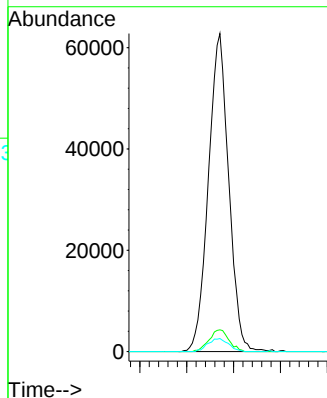
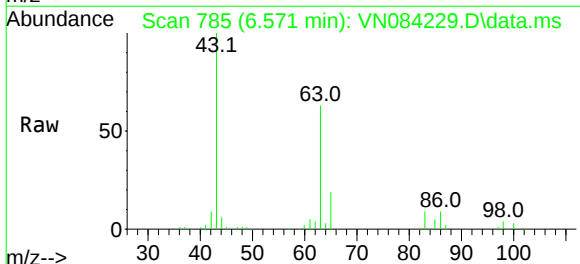
Tgt Ion: 63 Resp: 189258

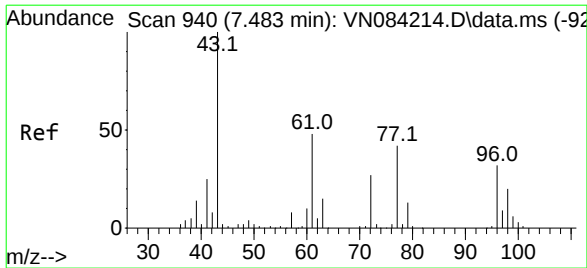
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.1 2.0 5.8





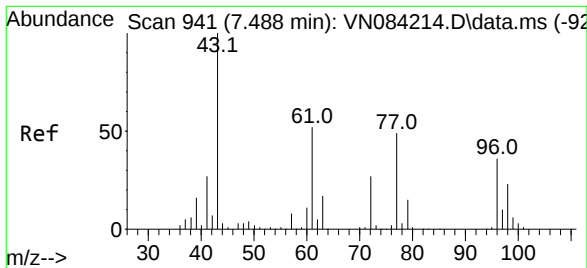
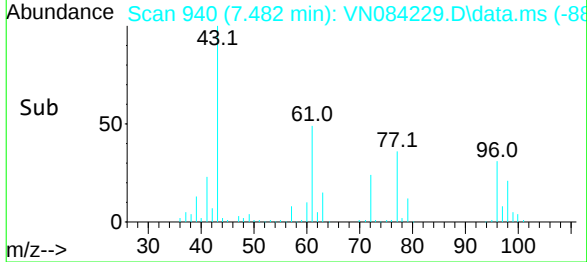
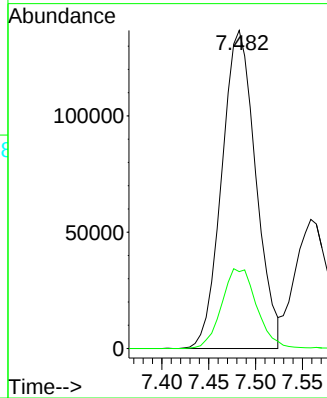
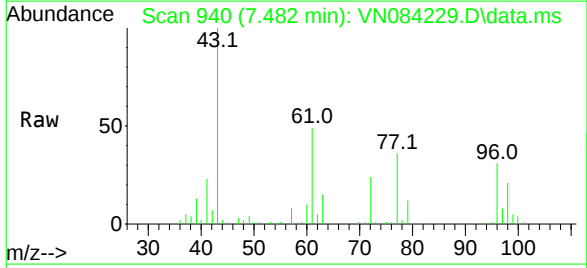
#25
2-Butanone
Concen: 231.014 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 345312
Ion Ratio Lower Upper
43 100
72 24.2 21.4 32.2

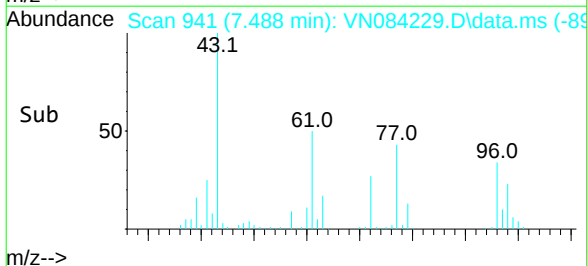
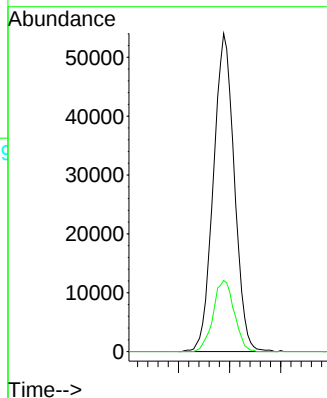
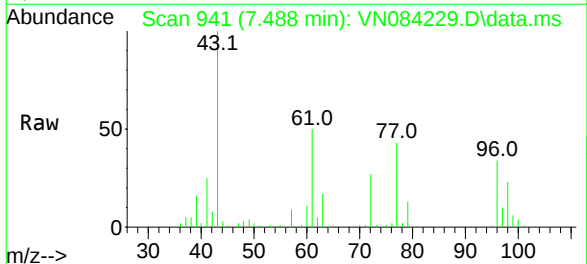
Manual Integrations
APPROVED

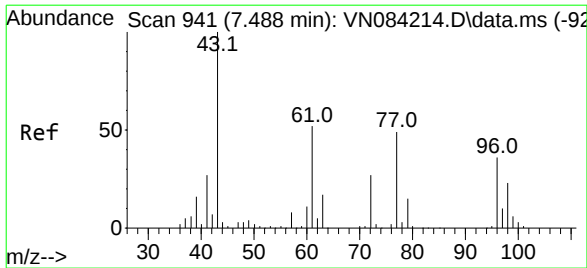
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#26
2,2-Dichloropropane
Concen: 43.703 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion: 77 Resp: 153573
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





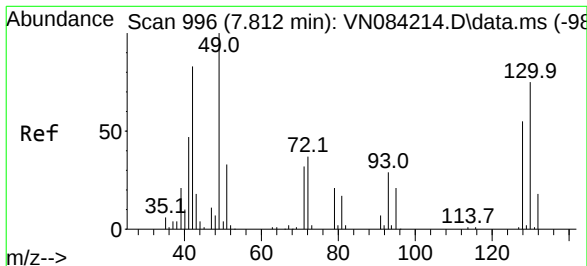
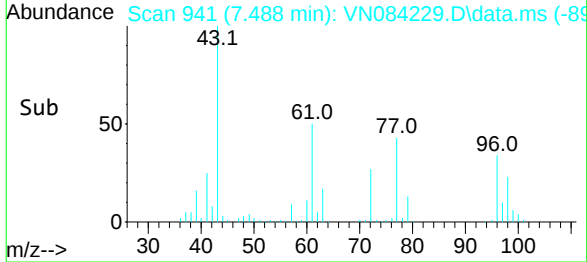
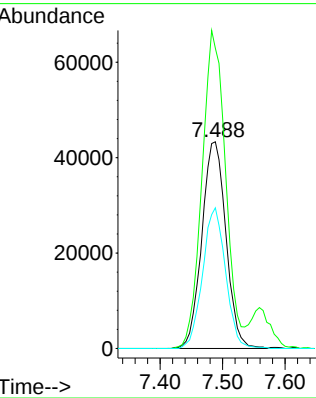
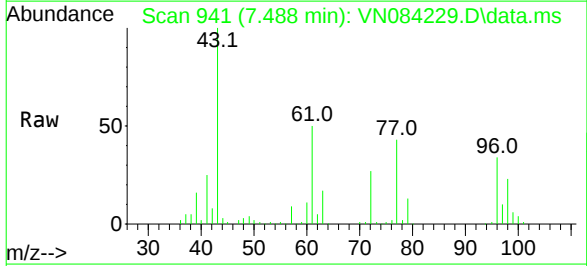
#27
cis-1,2-Dichloroethene
Concen: 47.268 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 116094
Ion Ratio Lower Upper
96 100
61 150.4 0.0 301.8
98 64.9 0.0 128.2

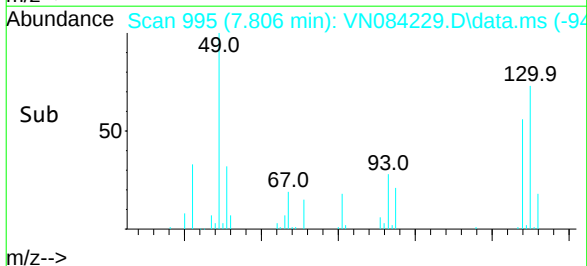
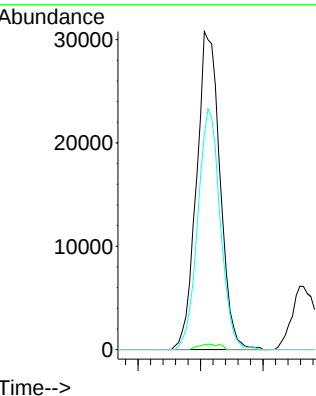
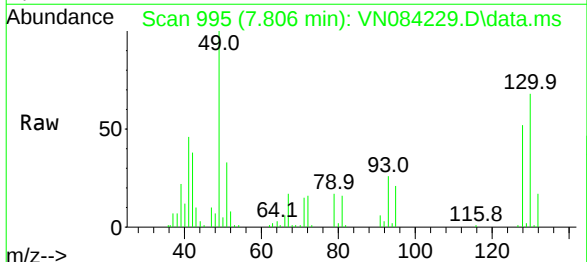
Manual Integrations
APPROVED

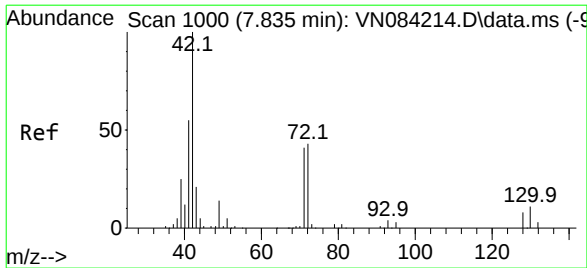
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#28
Bromochloromethane
Concen: 46.217 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion: 49 Resp: 80368
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.6
130 72.5 58.0 87.0





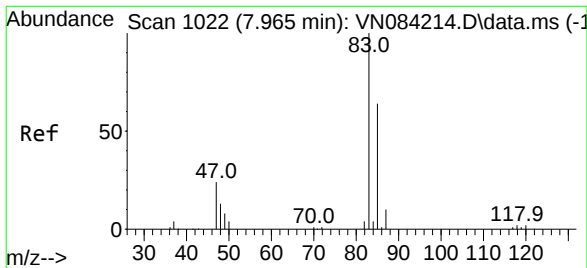
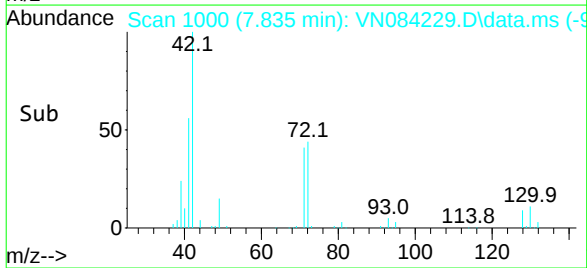
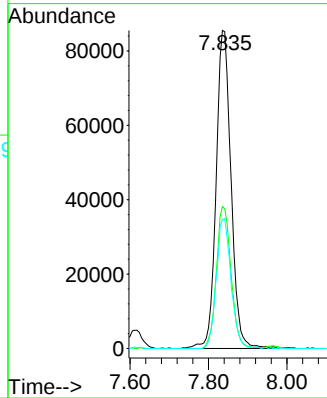
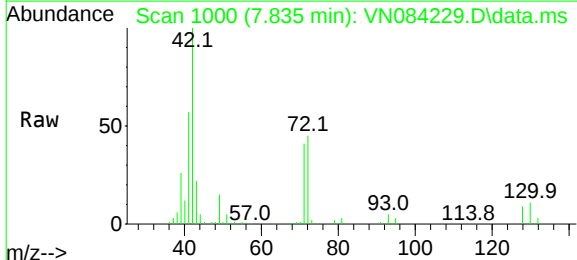
#29
Tetrahydrofuran
Concen: 245.126 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 226115
Ion Ratio Lower Upper
42 100
72 43.9 34.6 51.8
71 40.2 32.2 48.4

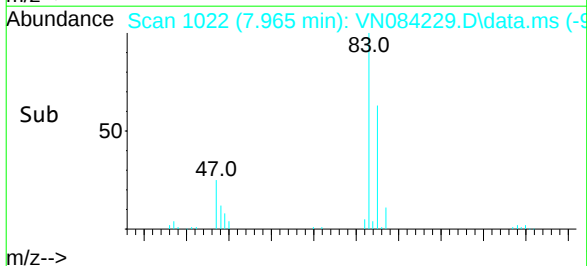
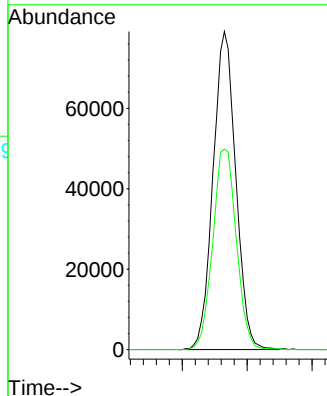
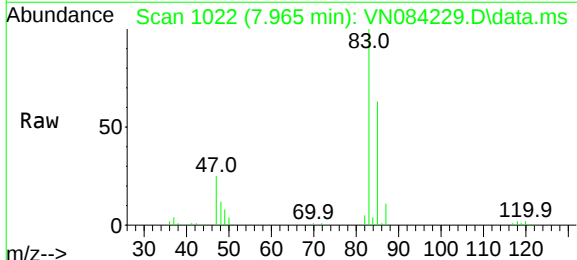
Manual Integrations
APPROVED

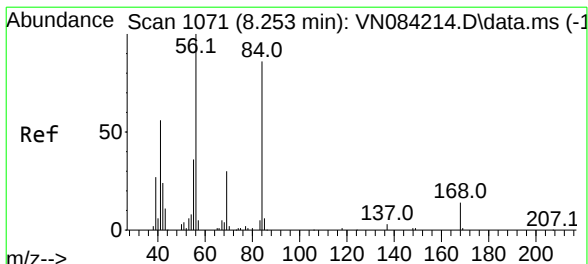
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#30
Chloroform
Concen: 47.574 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion: 83 Resp: 192596
Ion Ratio Lower Upper
83 100
85 63.0 51.0 76.4





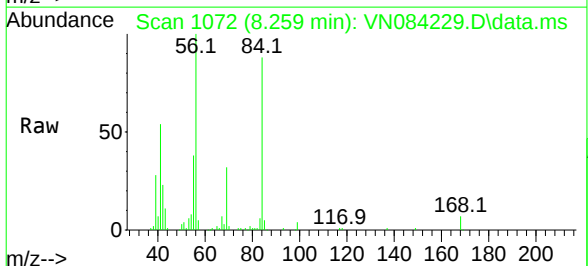
#31
Cyclohexane
Concen: 44.610 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :

MSVOA_N

ClientSampleId :

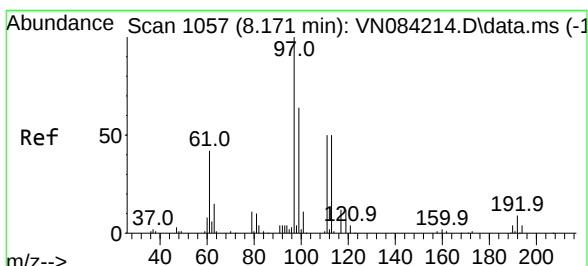
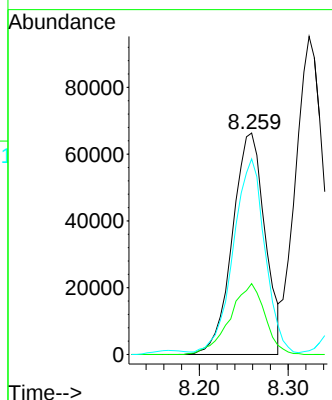
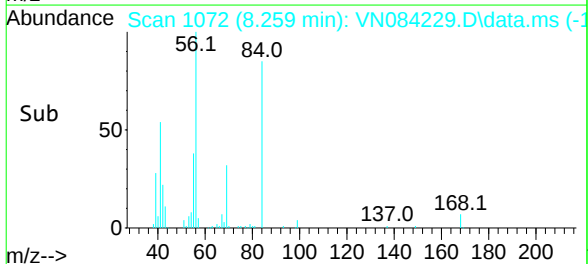
VSTDCCC050EC



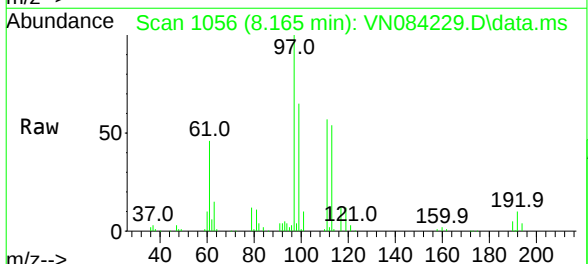
Tgt Ion:	56	69	84
Ratio	100	32.0	86.7
Lower		23.8	68.8
Upper		35.6	103.2

Manual Integrations
APPROVED

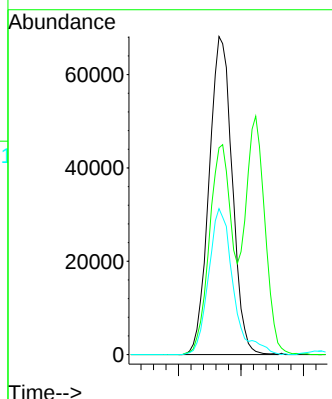
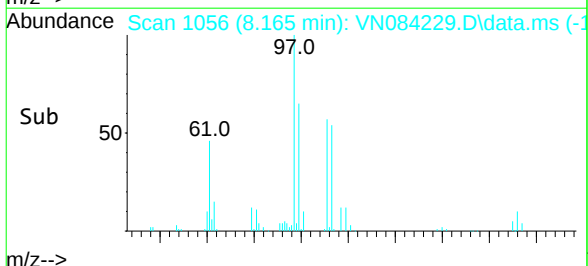
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

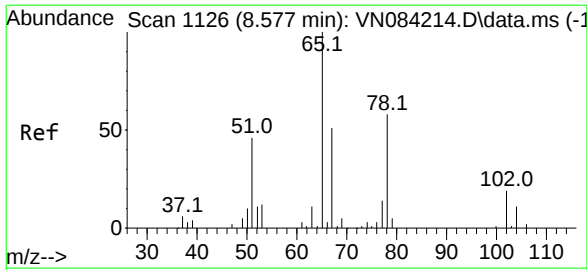


#32
1,1,1-Trichloroethane
Concen: 48.279 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06



Tgt Ion:	97	99	61
Ratio	100	64.1	48.6
Lower		51.2	37.5
Upper		76.8	56.3





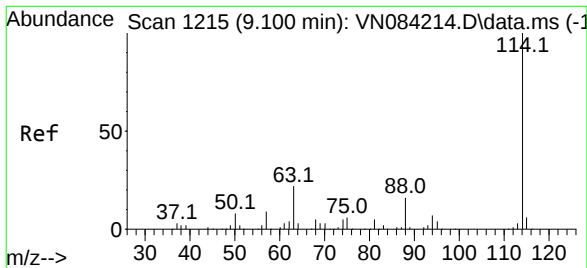
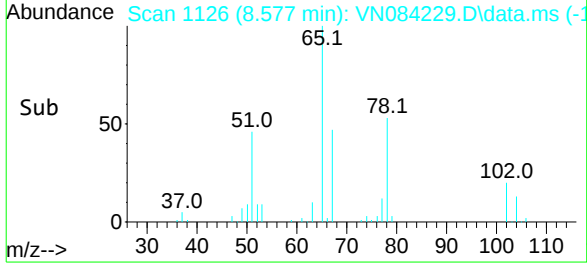
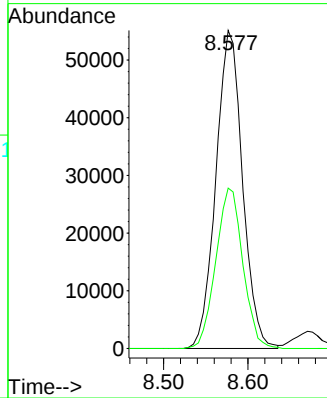
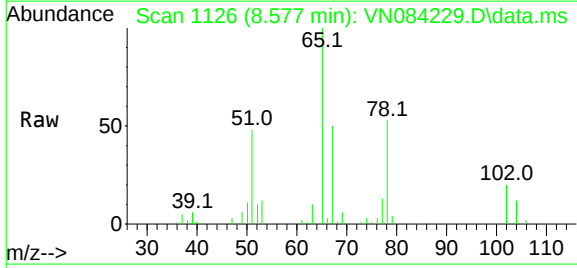
#33
1,2-Dichloroethane-d4
Concen: 47.289 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 120810
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.0

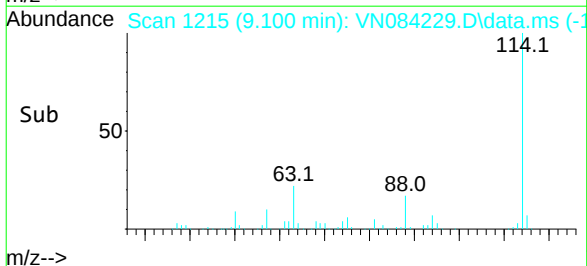
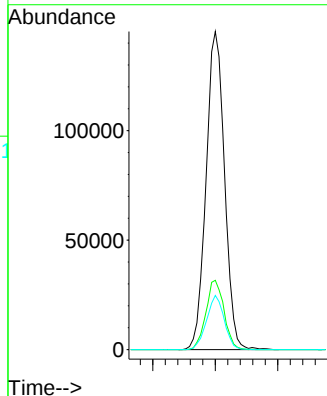
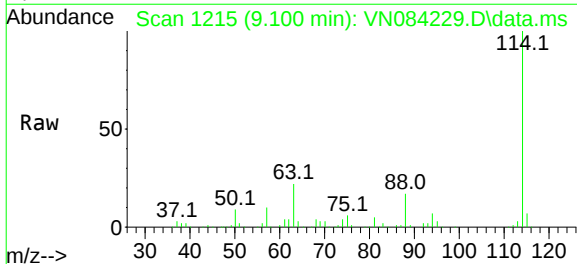
Manual Integrations
APPROVED

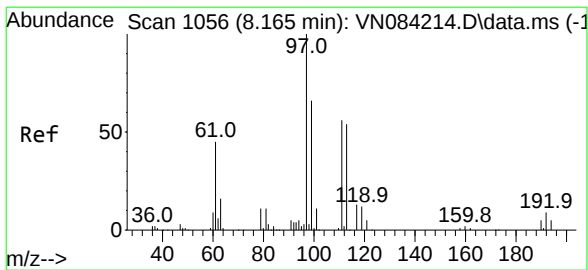
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

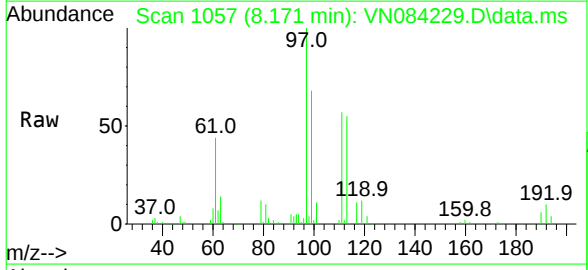
Tgt Ion:114 Resp: 297904
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.8
88 17.0 0.0 31.6





#35
 Dibromofluoromethane
 Concen: 46.354 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN084229.D
 Acq: 30 Sep 2024 20:06

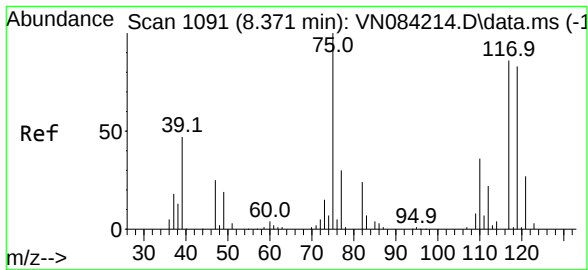
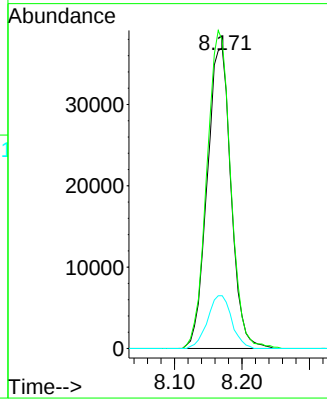
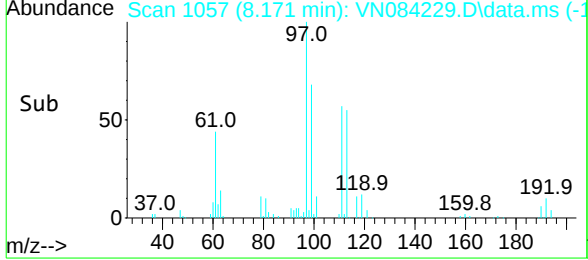
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:	113	Resp:	91037
Ion	Ratio	Lower	Upper
113	100		
111	105.2	83.3	124.9
192	17.7	13.5	20.3

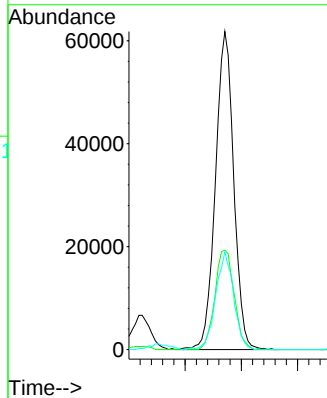
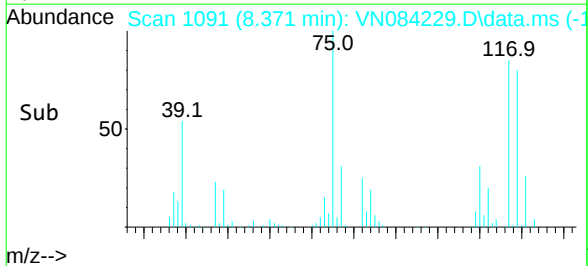
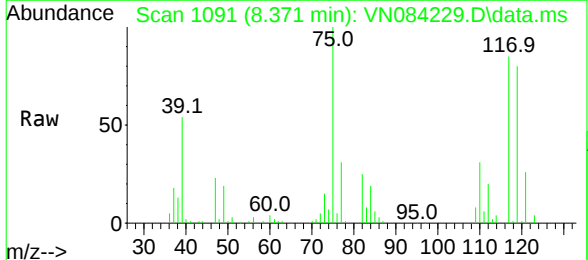
Manual Integrations
 APPROVED

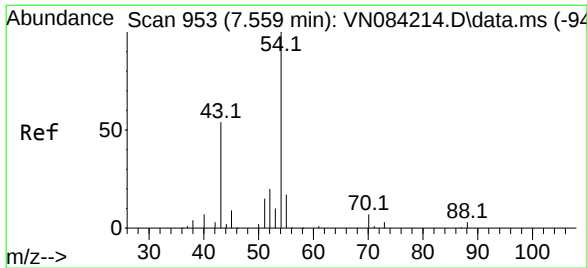
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#36
 1,1-Dichloropropene
 Concen: 48.913 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: VN084229.D
 Acq: 30 Sep 2024 20:06

Tgt Ion:	75	Resp:	139536
Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.9	50.7
77	30.3	24.7	37.1





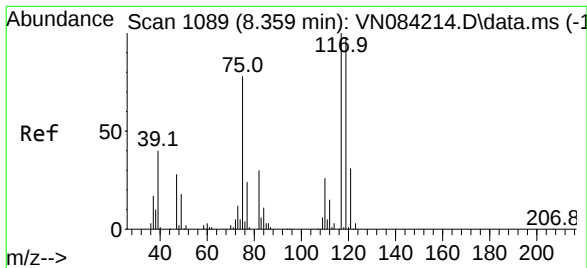
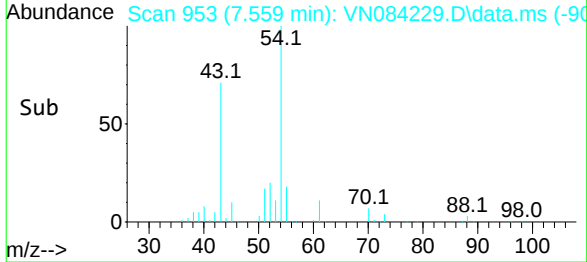
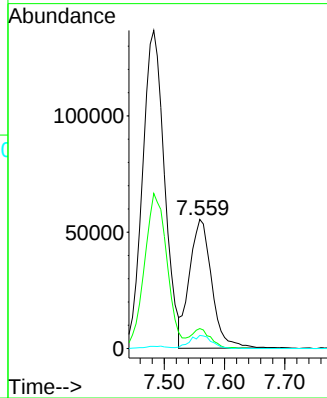
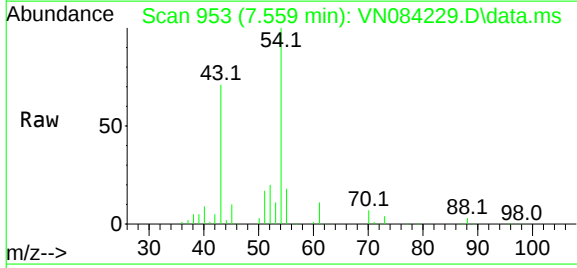
#37
Ethyl Acetate
Concen: 48.607 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	43	Resp:	142257
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	9.9	8.8	13.2

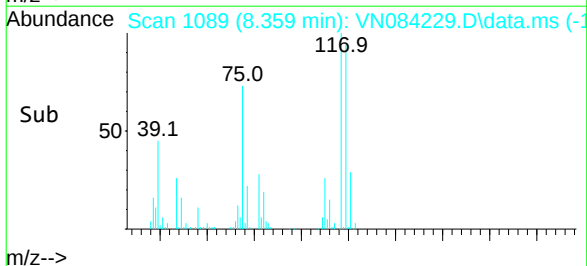
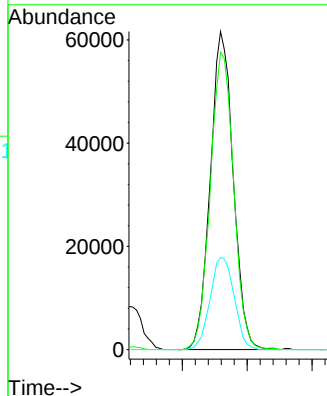
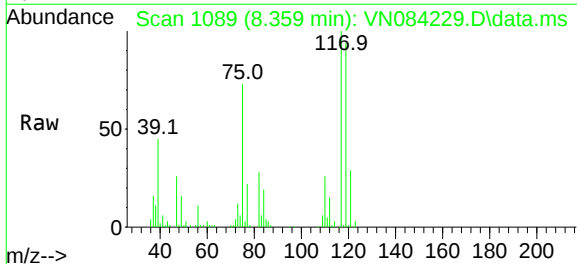
Manual Integrations
APPROVED

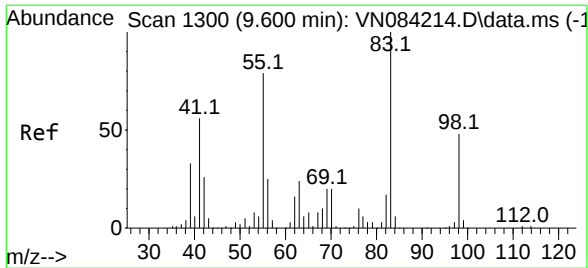
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#38
Carbon Tetrachloride
Concen: 48.241 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion:	117	Resp:	150960
Ion	Ratio	Lower	Upper
117	100		
119	93.5	78.7	118.1
121	29.0	24.4	36.6





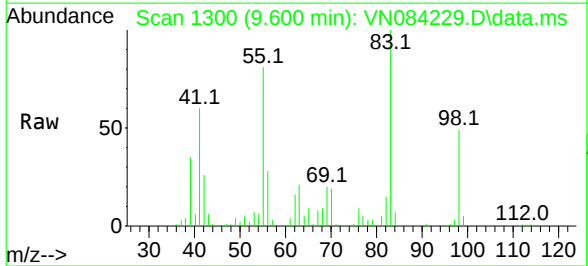
#39
Methylcyclohexane
Concen: 49.324 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



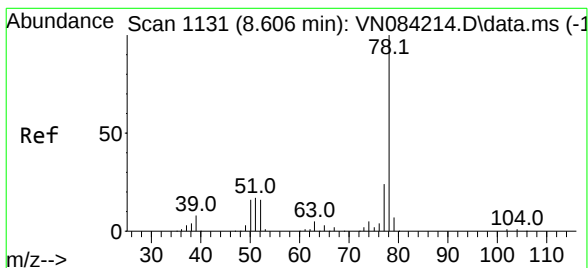
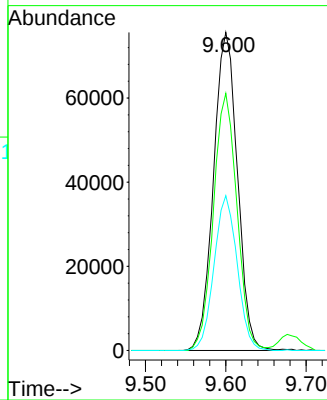
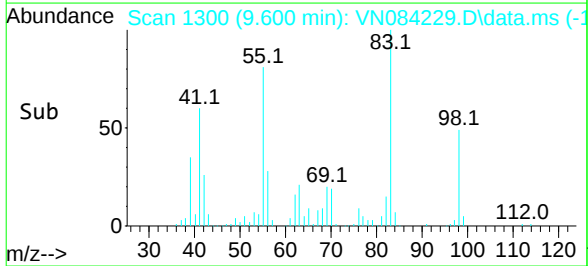
Tgt Ion: 83 Resp: 156605
Ion Ratio Lower Upper
83 100
55 80.8 62.8 94.2
98 48.7 38.8 58.2

Manual Integrations

APPROVED

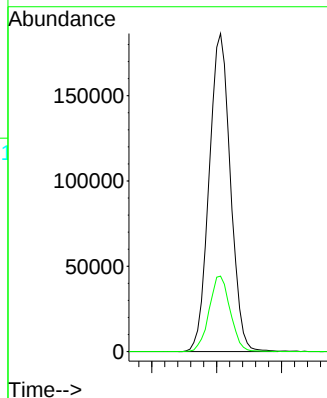
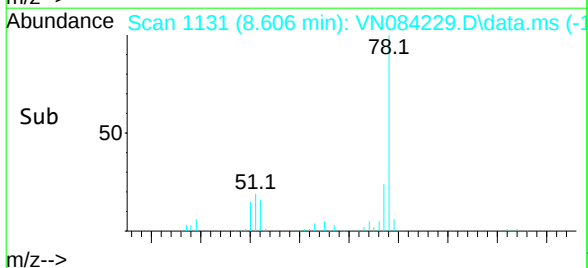
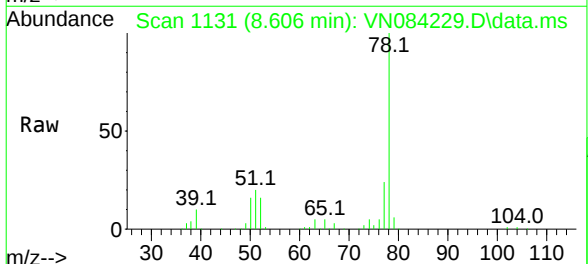
Reviewed By :John Carlone 10/01/2024

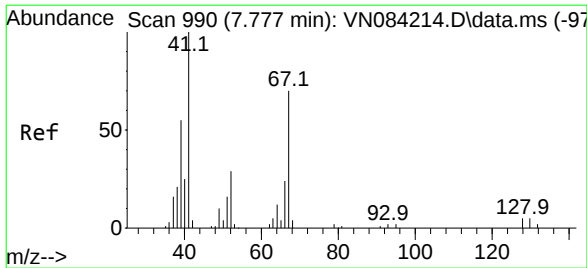
Supervised By :Mahesh Dadoda 10/01/2024



#40
Benzene
Concen: 47.778 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion: 78 Resp: 424656
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7





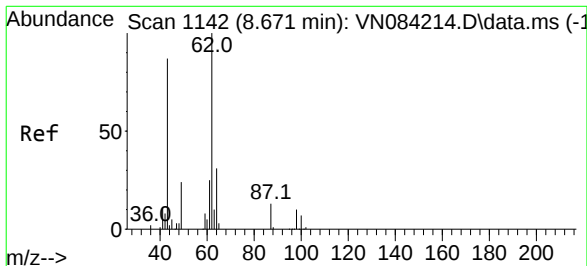
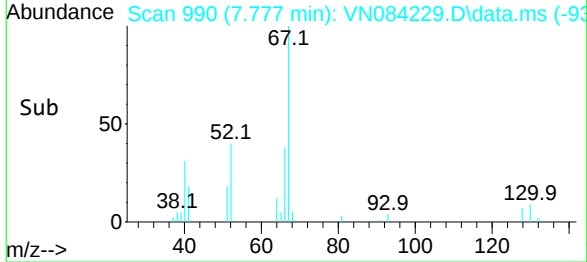
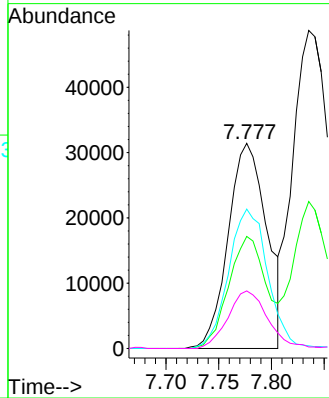
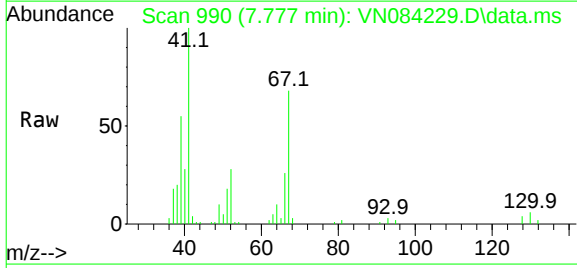
#41
Methacrylonitrile
Concen: 50.390 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	80062
Ion	Ratio	Lower	Upper
41	100		
39	53.4	43.3	64.9
67	68.9	56.1	84.1
52	29.0	24.5	36.7

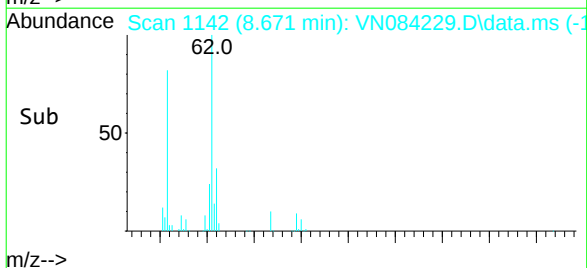
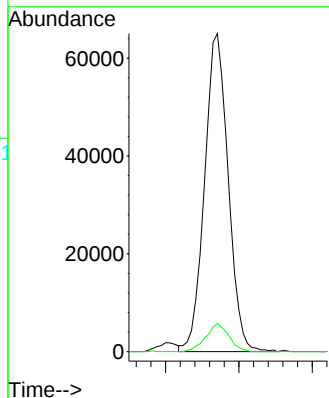
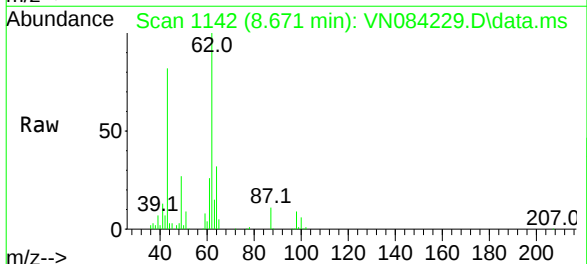
Manual Integrations
APPROVED

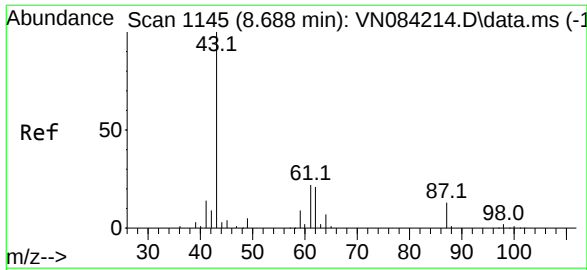
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#42
1,2-Dichloroethane
Concen: 48.287 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion:	62	Resp:	145498
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2





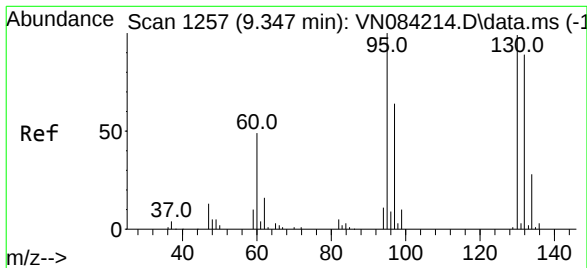
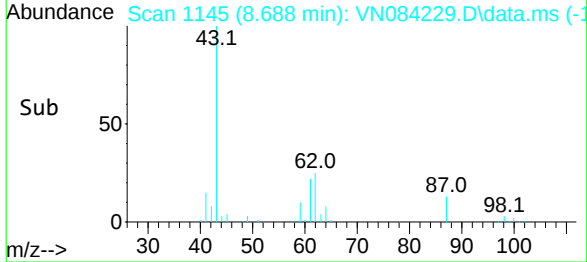
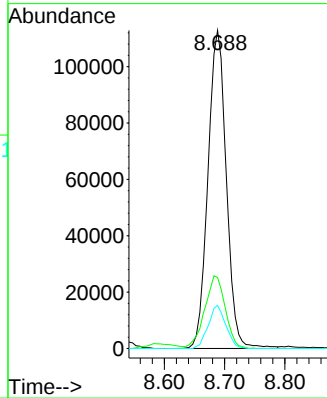
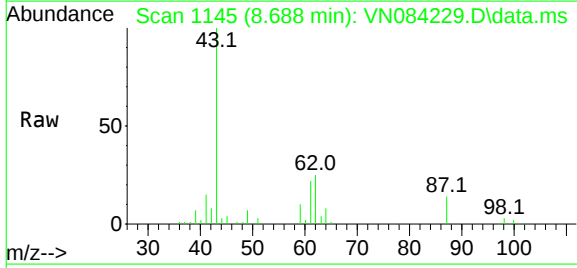
#43
Isopropyl Acetate
Concen: 41.755 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	43	Resp:	239361
Ion	Ratio	Lower	Upper
43	100		
61	25.5	20.4	30.6
87	12.9	10.3	15.5

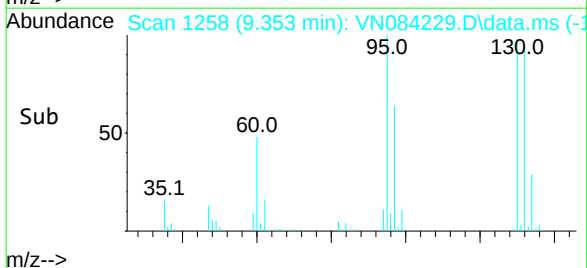
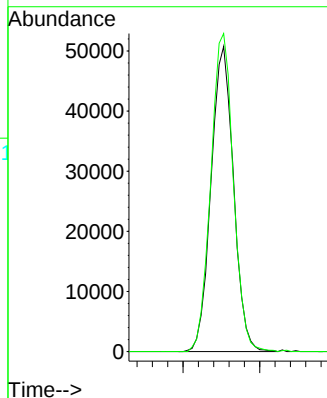
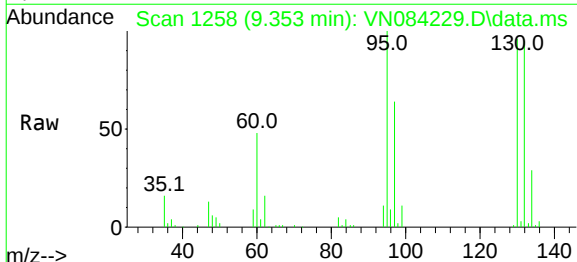
Manual Integrations
APPROVED

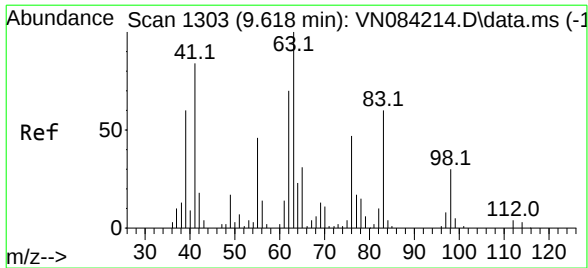
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#44
Trichloroethene
Concen: 49.685 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion:	130	Resp:	103141
Ion	Ratio	Lower	Upper
130	100		
95	104.2	0.0	203.0





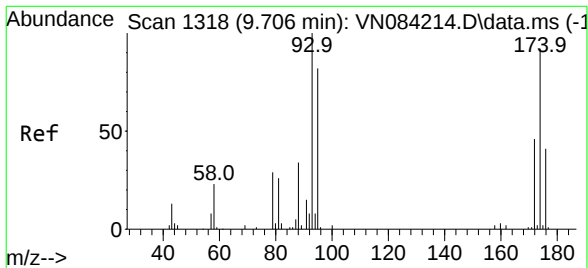
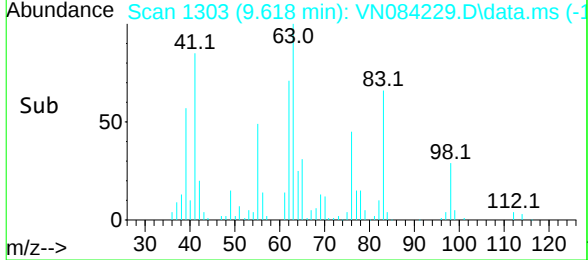
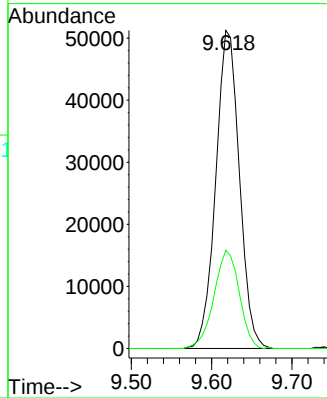
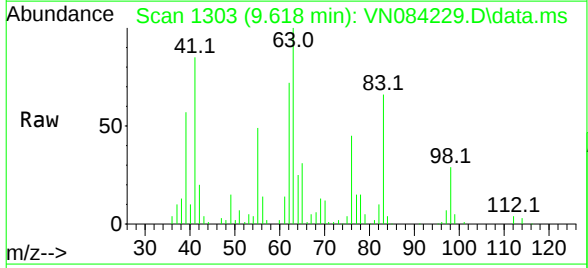
#45
1,2-Dichloropropane
Concen: 49.786 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 104679
Ion Ratio Lower Upper
63 100
65 30.9 24.6 37.0

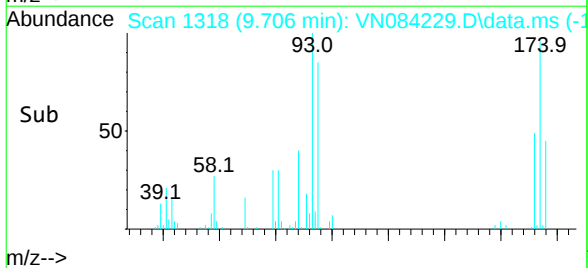
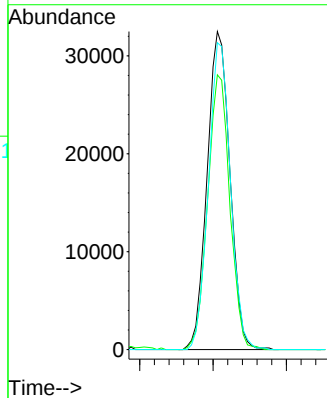
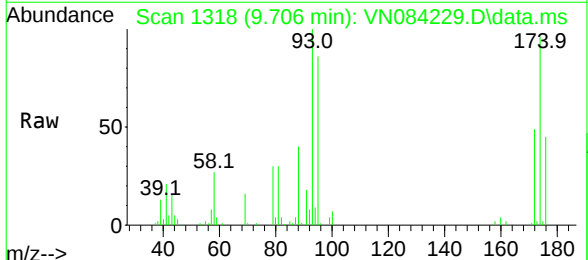
Manual Integrations
APPROVED

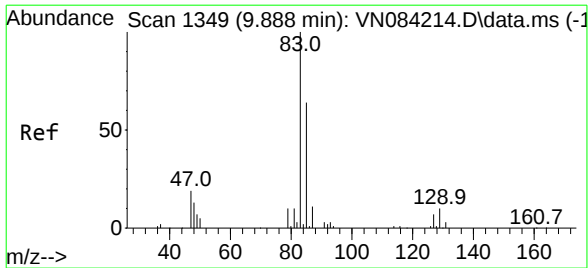
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#46
Dibromomethane
Concen: 49.541 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion: 93 Resp: 70294
Ion Ratio Lower Upper
93 100
95 83.8 65.0 97.4
174 92.9 71.8 107.8





#47
 Bromodichloromethane
 Concen: 48.812 ug/l
 RT: 9.888 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VN084229.D
 Acq: 30 Sep 2024 20:06

Instrument :

MSVOA_N

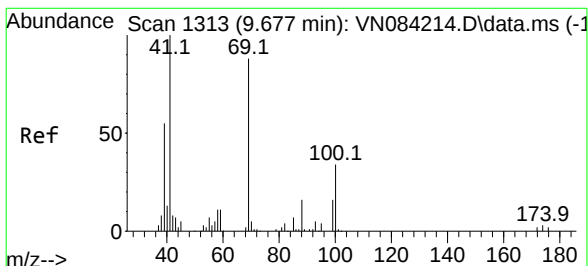
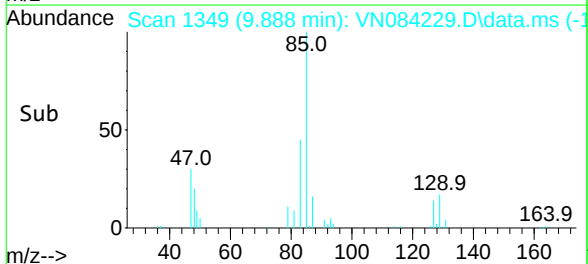
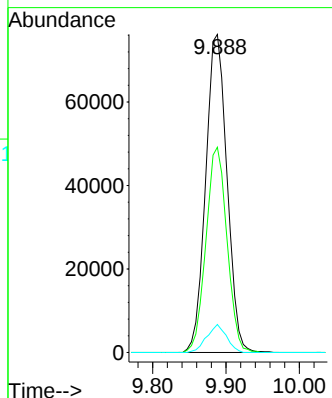
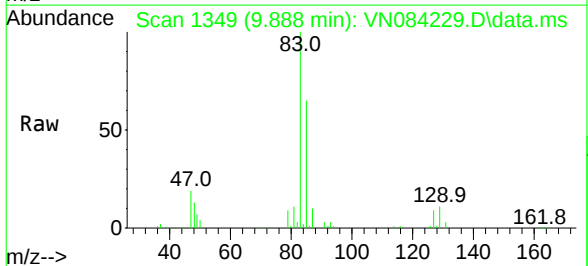
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	153873
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.5	77.3
127	8.8	5.7	8.5

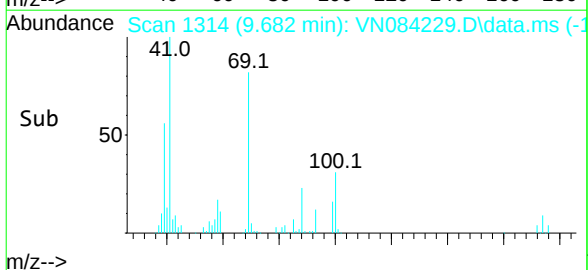
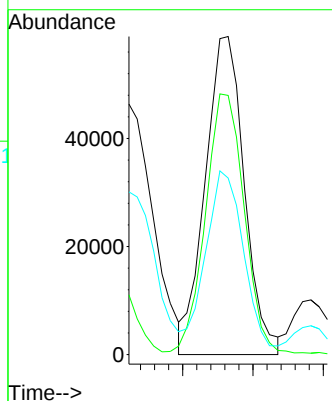
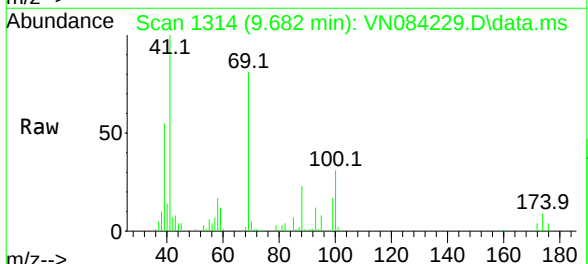
Manual Integrations
 APPROVED

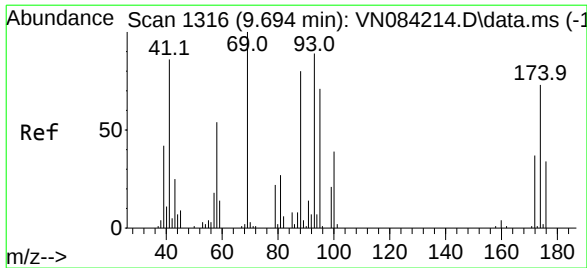
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#48
 Methyl methacrylate
 Concen: 49.883 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. 0.006 min
 Lab File: VN084229.D
 Acq: 30 Sep 2024 20:06

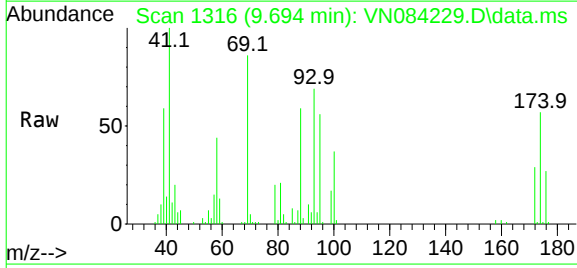
Tgt Ion:	41	Resp:	113830
Ion	Ratio	Lower	Upper
41	100		
69	82.0	67.1	100.7
39	57.2	45.8	68.6





#49
1,4-Dioxane
Concen: 940.188 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

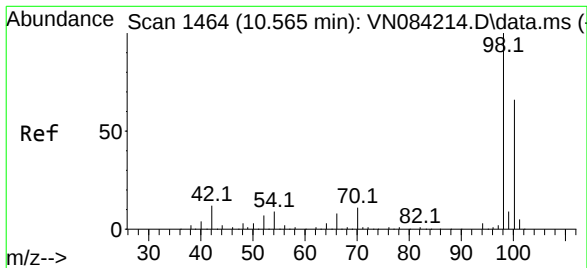
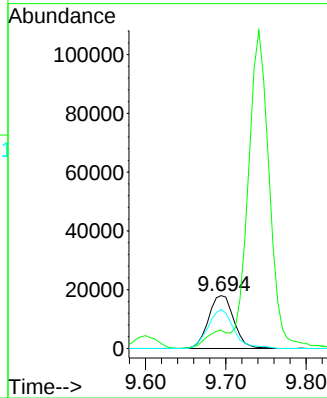
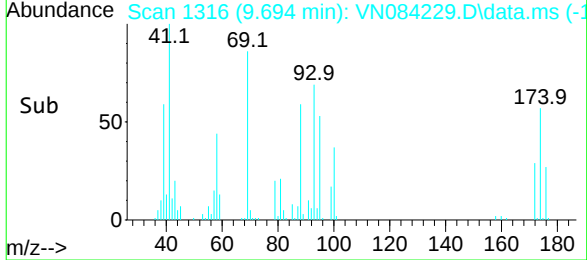
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 39498
Ion Ratio Lower Upper
88 100
43 32.2 25.3 37.9
58 75.1 56.4 84.6

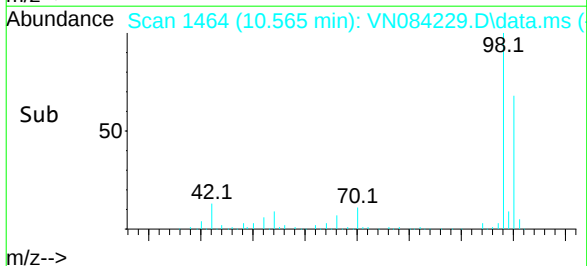
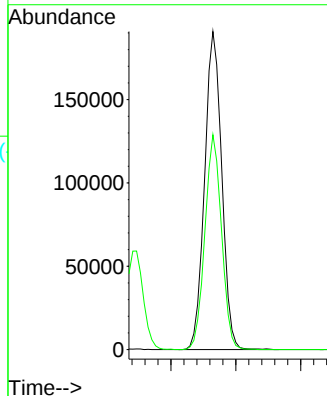
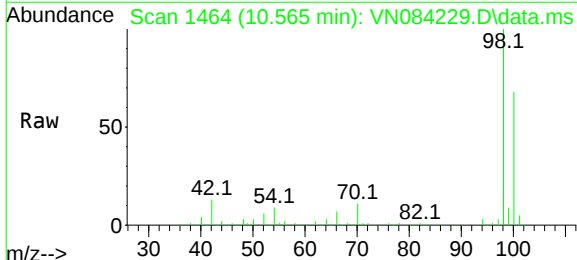
Manual Integrations
APPROVED

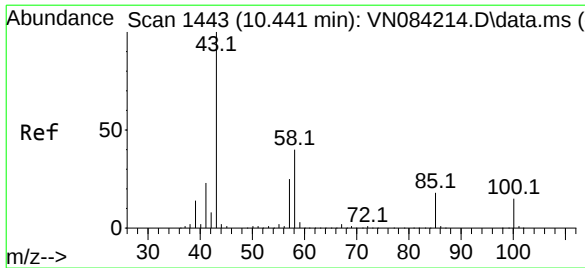
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#50
Toluene-d8
Concen: 48.383 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion: 98 Resp: 349596
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1





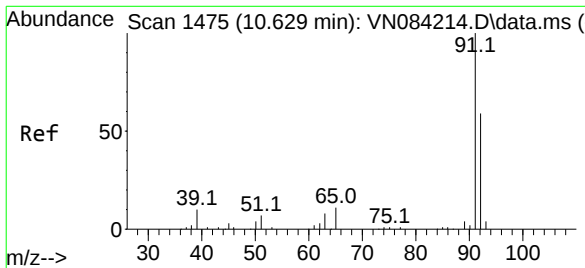
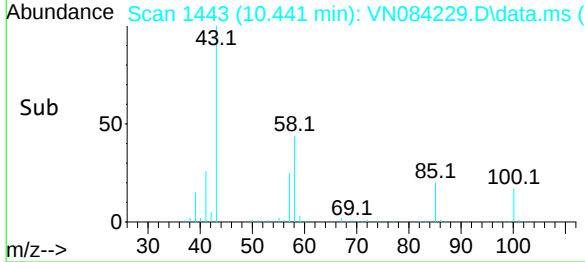
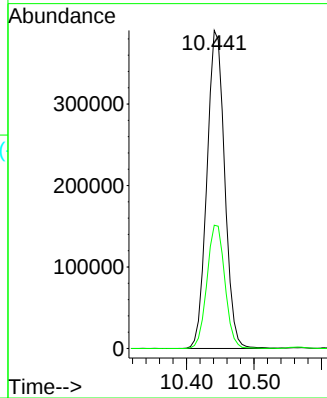
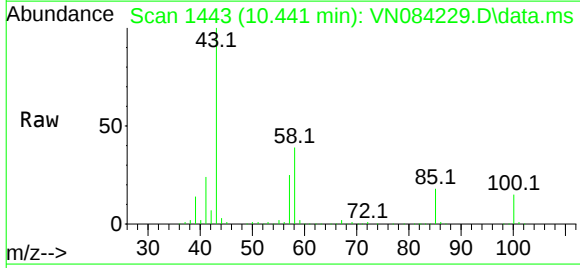
#51
4-Methyl-2-Pentanone
Concen: 255.801 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 712677
Ion Ratio Lower Upper
43 100
58 39.2 31.6 47.4

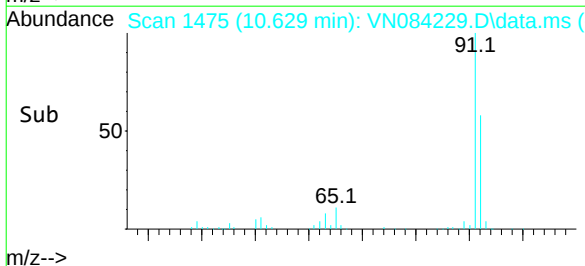
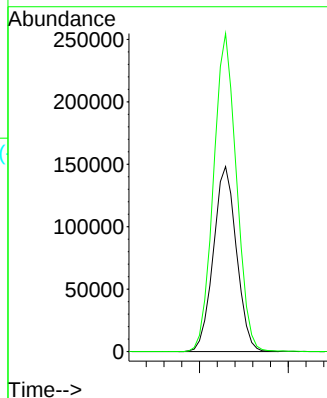
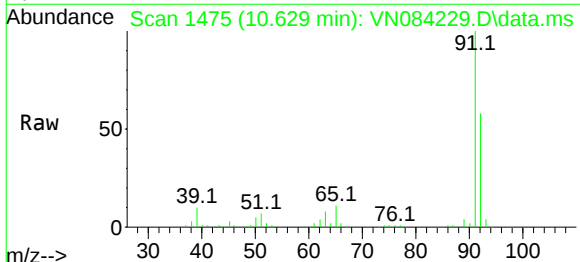
Manual Integrations
APPROVED

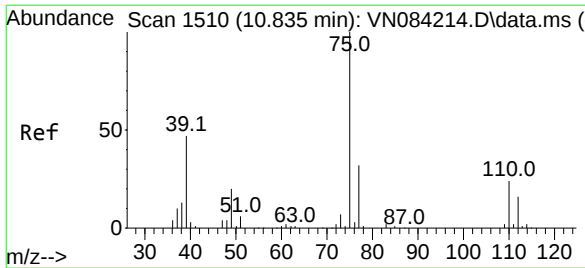
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#52
Toluene
Concen: 49.349 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion: 92 Resp: 267474
Ion Ratio Lower Upper
92 100
91 170.6 137.3 205.9





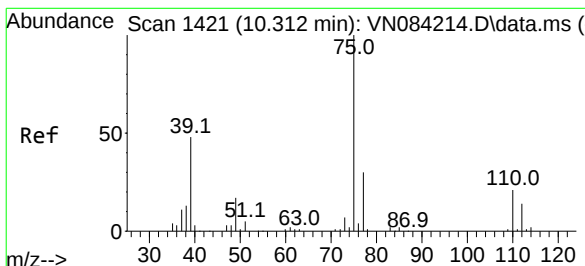
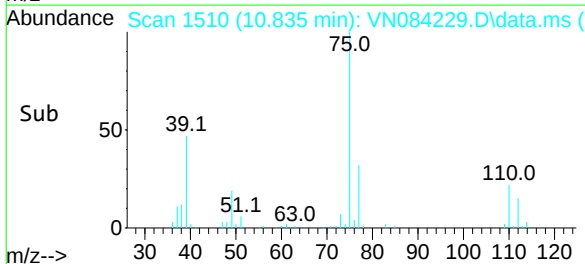
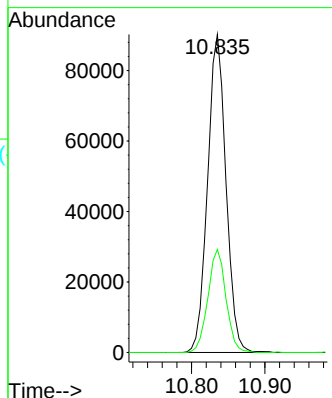
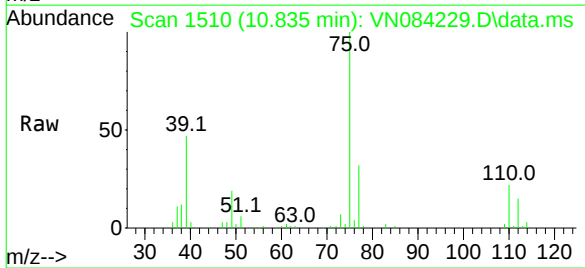
#53
 t-1,3-Dichloropropene
 Concen: 48.935 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN084229.D
 Acq: 30 Sep 2024 20:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 157247
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0

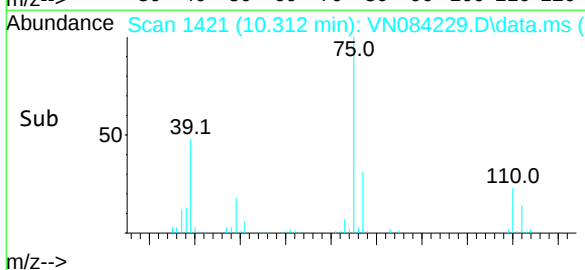
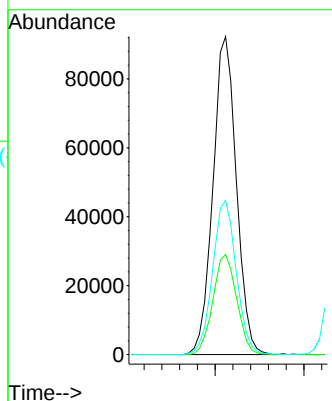
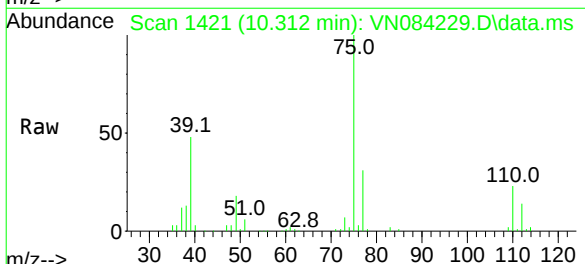
Manual Integrations
 APPROVED

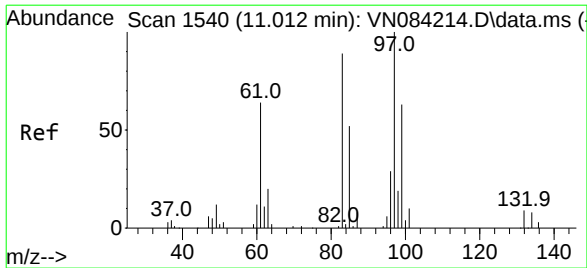
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#54
 cis-1,3-Dichloropropene
 Concen: 48.787 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN084229.D
 Acq: 30 Sep 2024 20:06

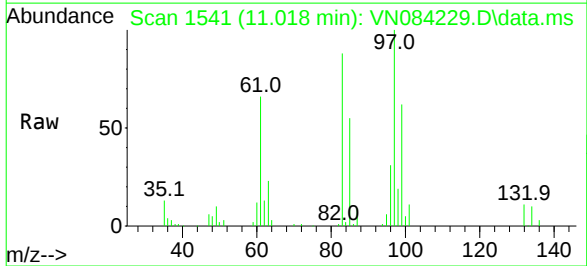
Tgt Ion: 75 Resp: 168627
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.2 36.2
 39 48.5 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 48.853 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

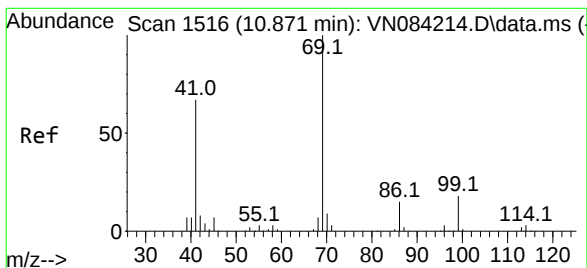
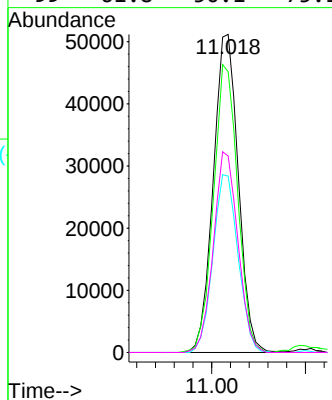
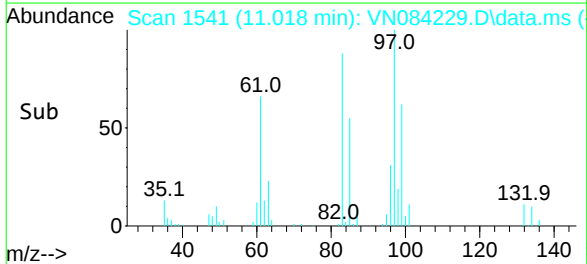
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



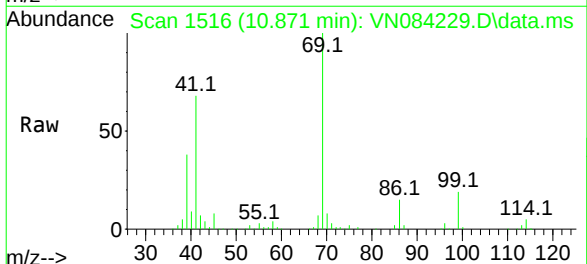
Tgt Ion:	97	Resp:	94923
Ion	Ratio	Lower	Upper
97	100		
83	88.3	71.0	106.4
85	55.4	41.7	62.5
99	61.8	50.1	75.1

Manual Integrations
APPROVED

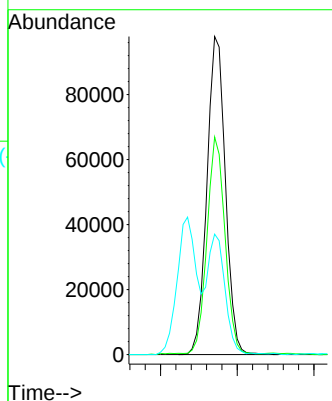
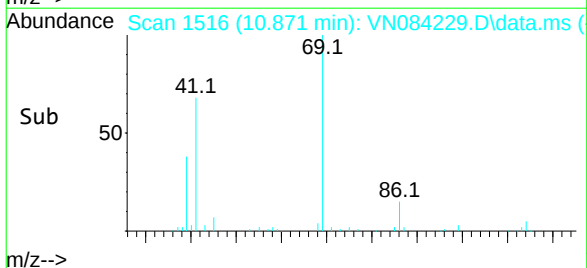
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

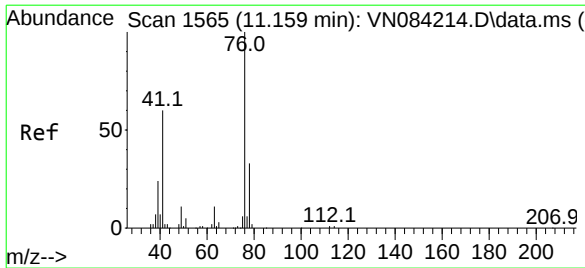


#56
Ethyl methacrylate
Concen: 51.146 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06



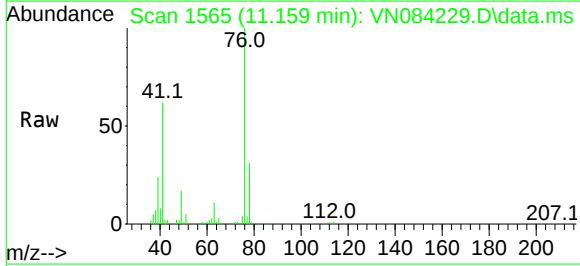
Tgt Ion:	69	Resp:	163523
Ion	Ratio	Lower	Upper
69	100		
41	67.6	53.3	79.9
39	36.3	28.8	43.2





#57
1,3-Dichloropropane
Concen: 48.988 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

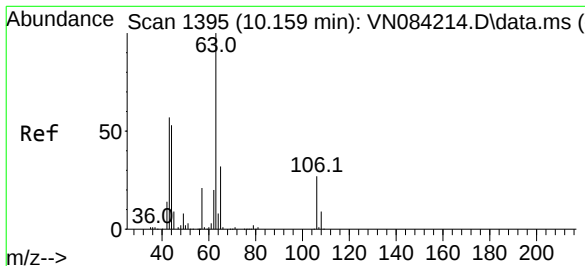
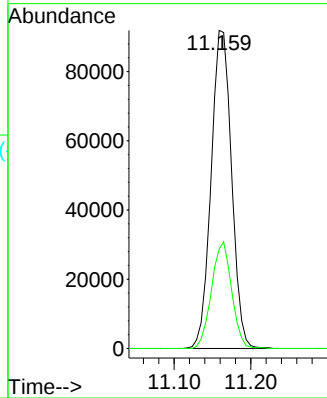
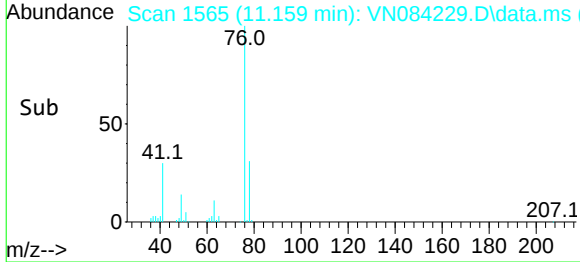
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 170081
Ion Ratio Lower Upper
76 100
78 32.9 25.8 38.6

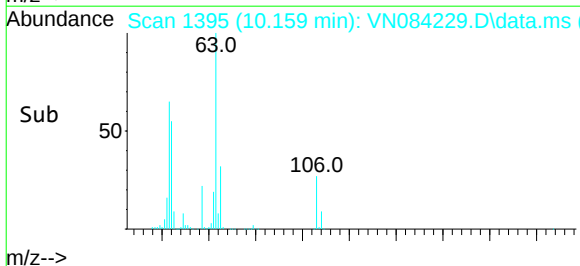
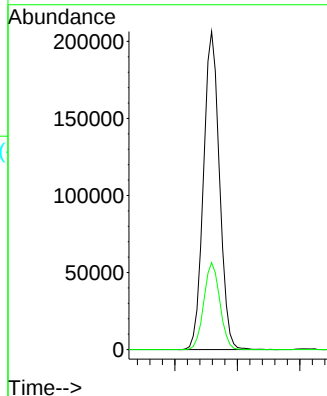
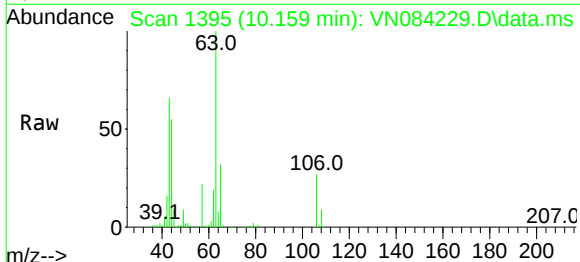
Manual Integrations
APPROVED

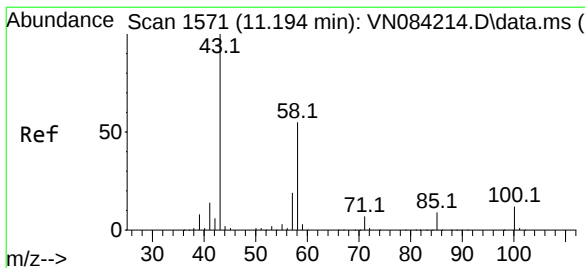
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#58
2-Chloroethyl Vinyl ether
Concen: 247.073 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion: 63 Resp: 366443
Ion Ratio Lower Upper
63 100
106 27.3 21.8 32.6





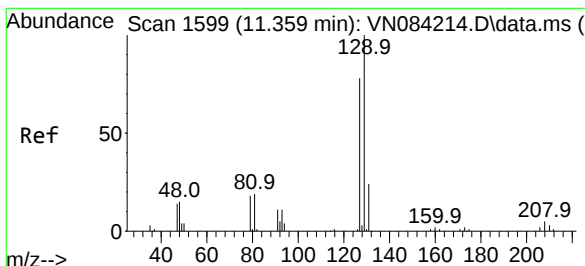
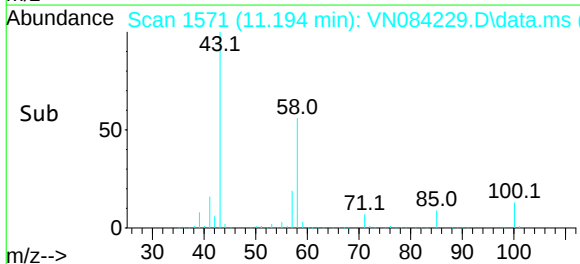
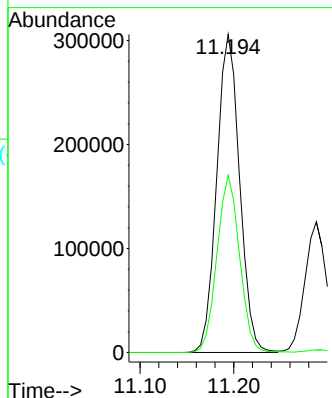
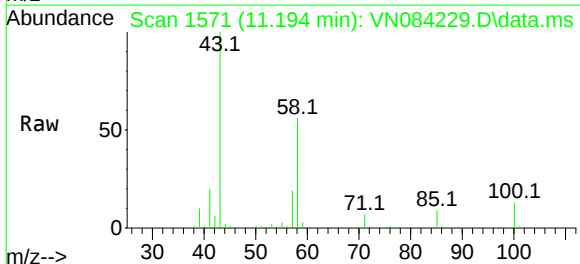
#59
2-Hexanone
Concen: 249.152 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 518819
Ion Ratio Lower Upper
43 100
58 55.0 27.3 81.8

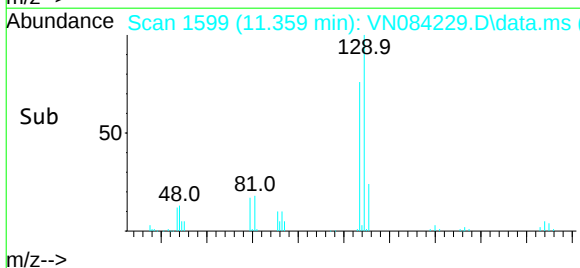
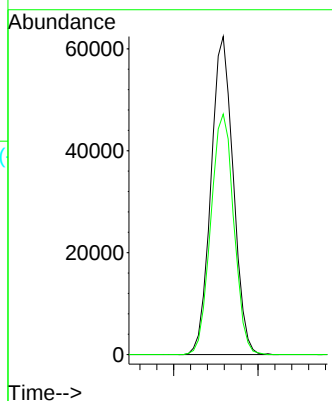
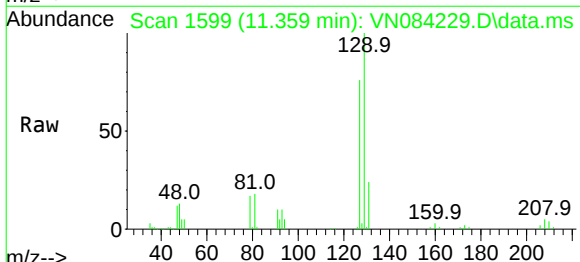
Manual Integrations
APPROVED

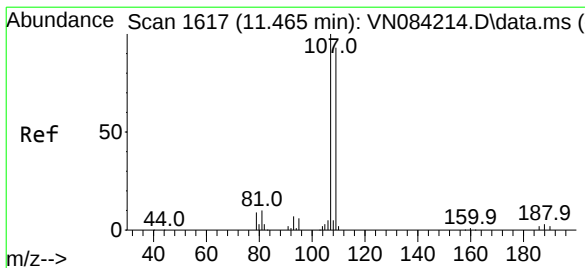
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#60
Dibromochloromethane
Concen: 49.833 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion:129 Resp: 114404
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.9





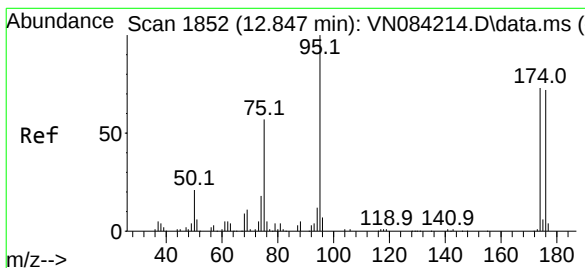
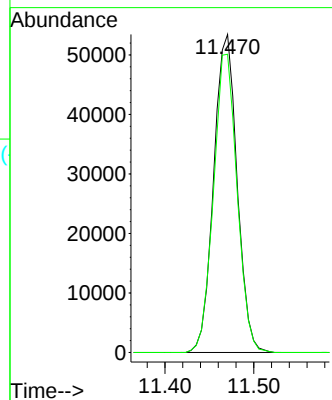
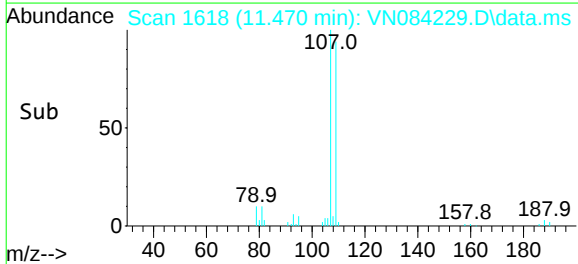
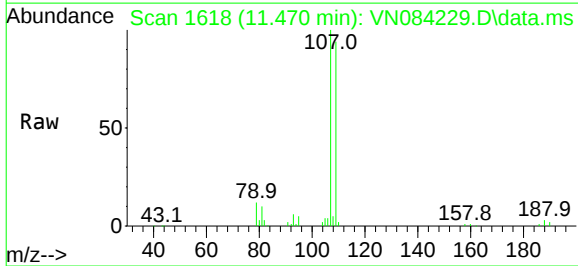
#61
1,2-Dibromoethane
Concen: 48.403 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 97725
Ion Ratio Lower Upper
107 100
109 94.8 75.4 113.0

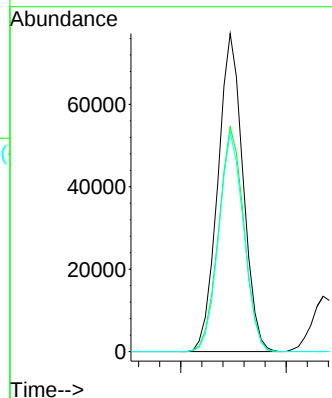
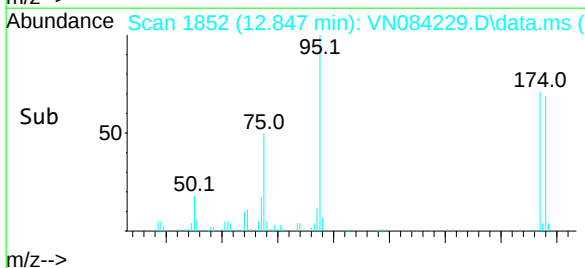
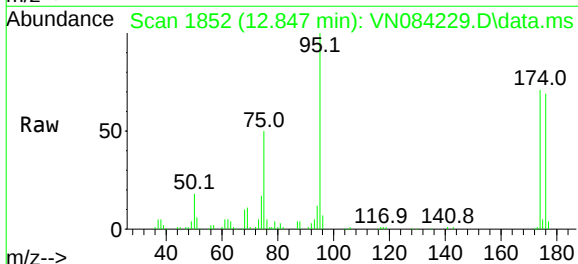
Manual Integrations
APPROVED

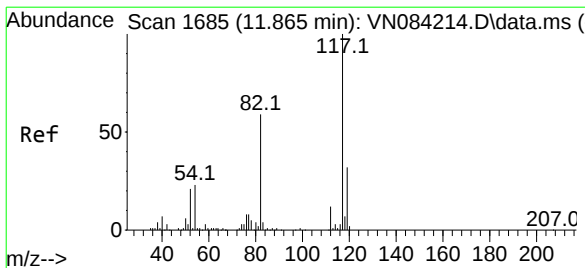
Reviewed By : John Carlone 10/01/2024
Supervised By : Mahesh Dadoda 10/01/2024



#62
4-Bromofluorobenzene
Concen: 48.610 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

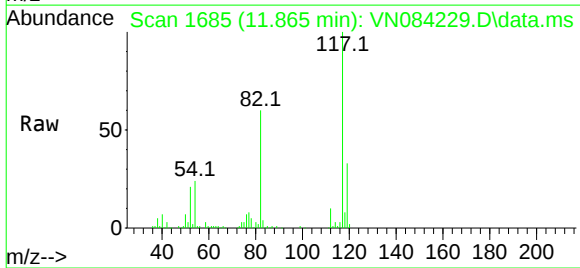
Tgt Ion: 95 Resp: 127959
Ion Ratio Lower Upper
95 100
174 71.0 0.0 145.2
176 68.4 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

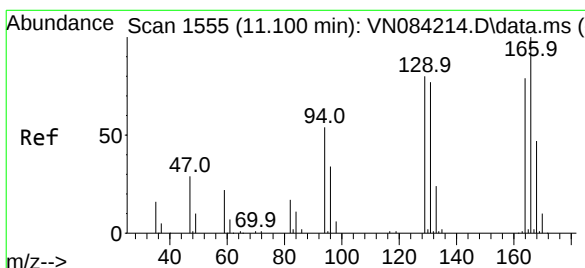
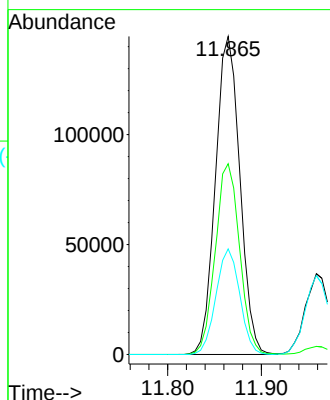
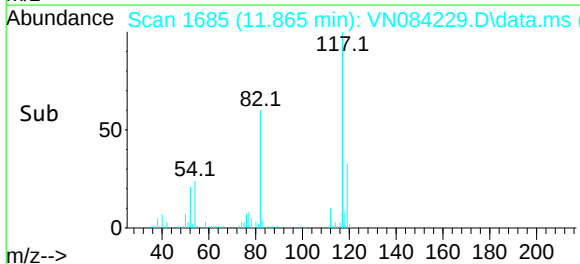
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 262407
Ion Ratio Lower Upper
117 100
82 60.0 47.2 70.8
119 33.2 25.4 38.0

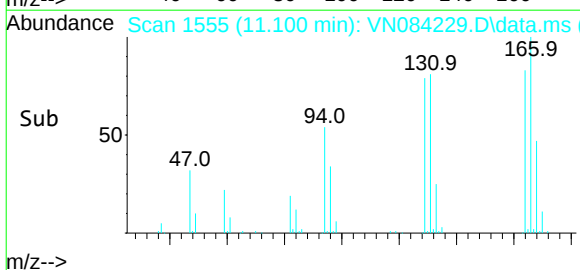
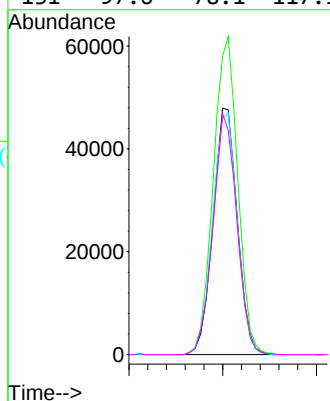
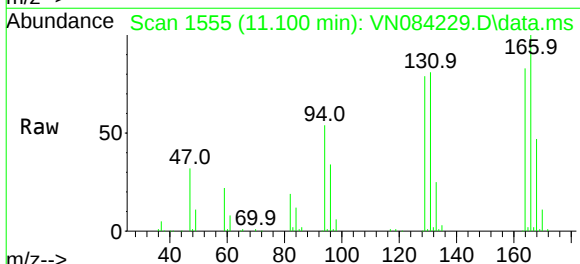
Manual Integrations
APPROVED

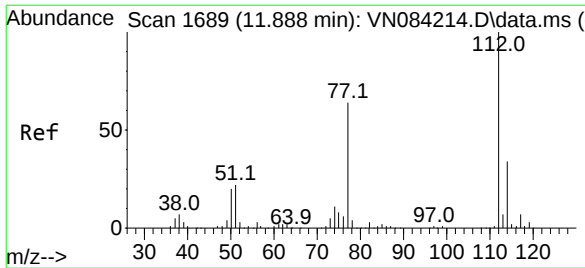
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#64
Tetrachloroethene
Concen: 47.135 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion:164 Resp: 86149
Ion Ratio Lower Upper
164 100
166 121.1 101.0 151.4
129 95.5 80.8 121.2
131 97.6 78.1 117.1





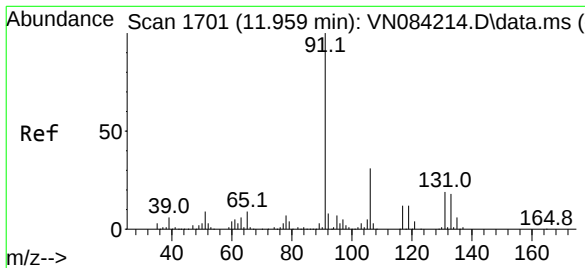
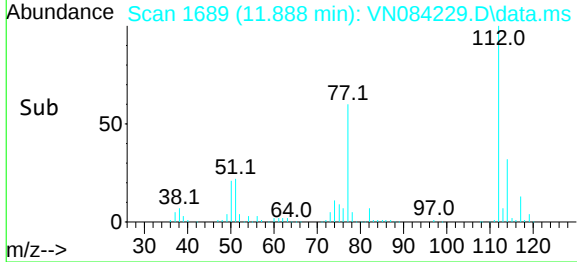
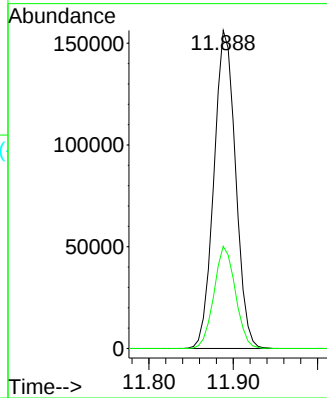
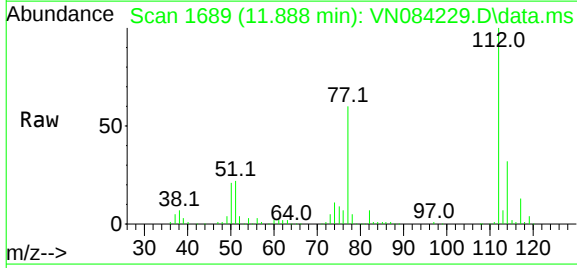
#65
Chlorobenzene
Concen: 47.899 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 278686
Ion Ratio Lower Upper
112 100
114 32.1 27.0 40.6

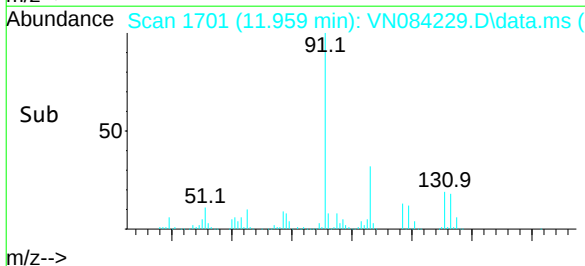
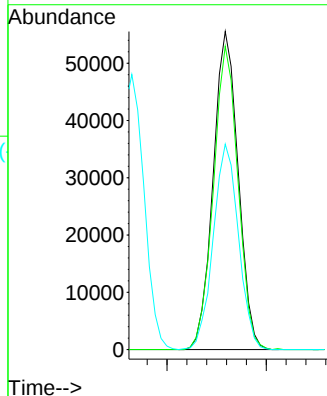
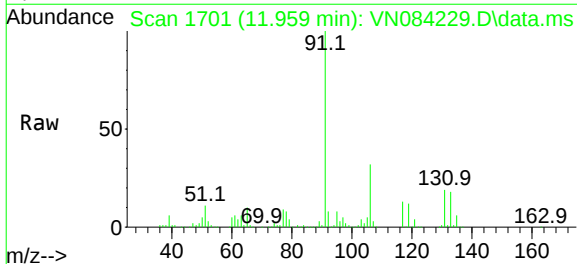
Manual Integrations
APPROVED

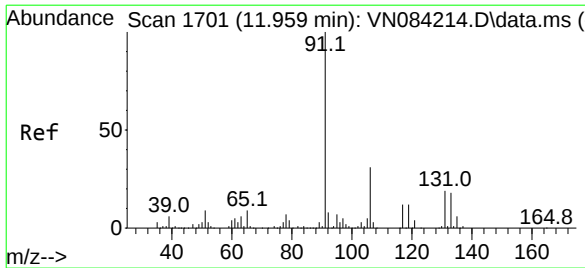
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 48.512 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

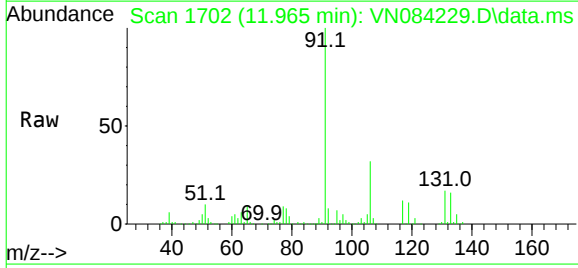
Tgt Ion:131 Resp: 97219
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.7
119 65.2 32.8 98.3





#67
Ethyl Benzene
Concen: 48.833 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

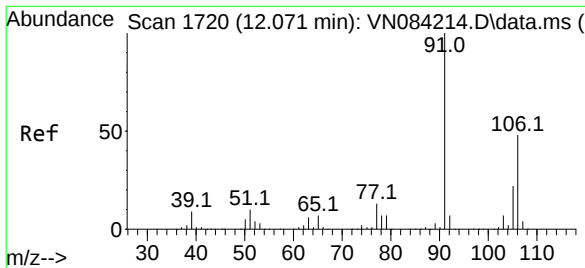
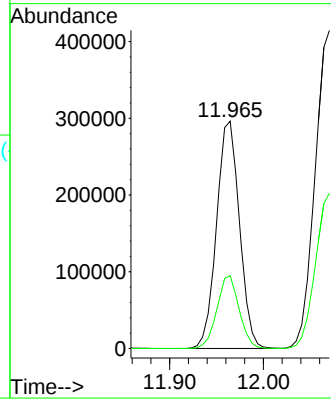
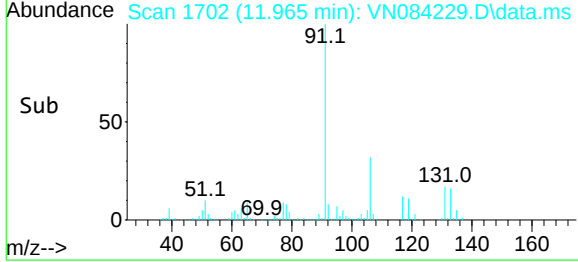
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 502462
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7

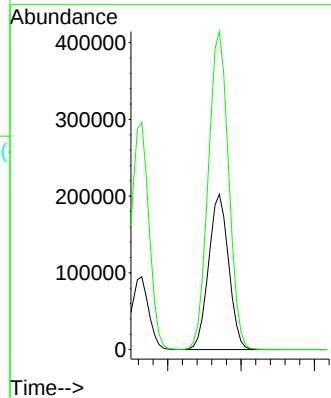
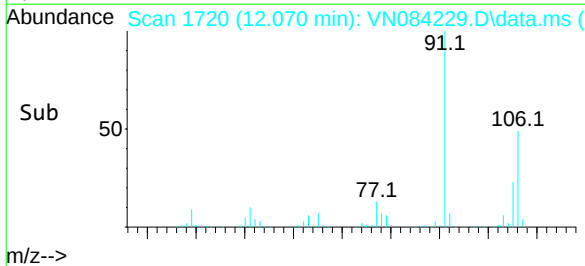
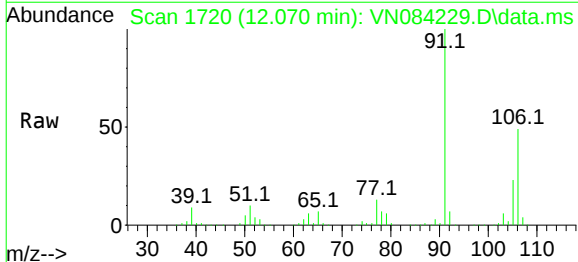
Manual Integrations
APPROVED

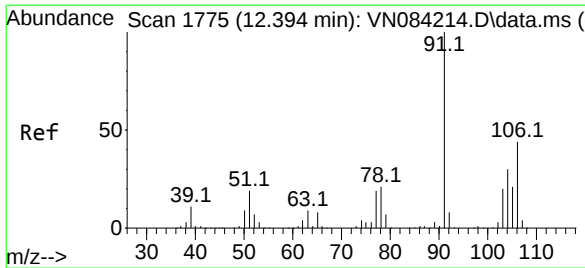
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#68
m/p-Xylenes
Concen: 100.993 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion:106 Resp: 384388
Ion Ratio Lower Upper
106 100
91 208.0 167.1 250.7





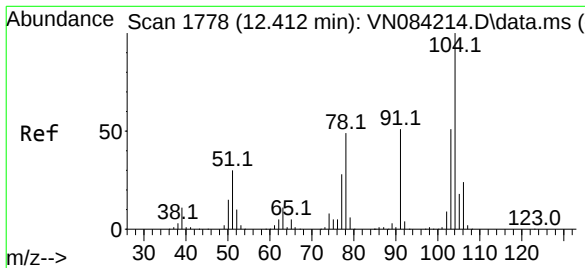
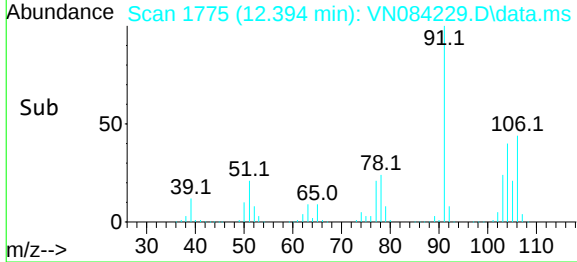
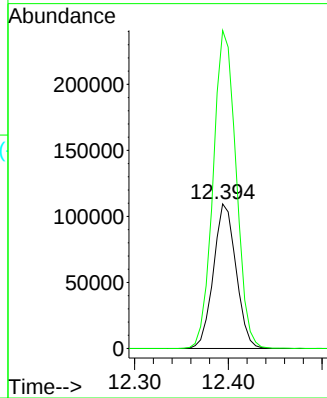
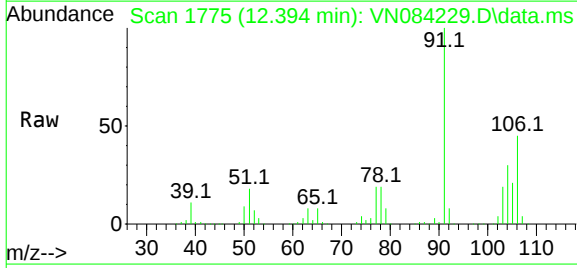
#69
o-Xylene
Concen: 50.829 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 183036
Ion Ratio Lower Upper
106 100
91 223.2 110.2 330.6

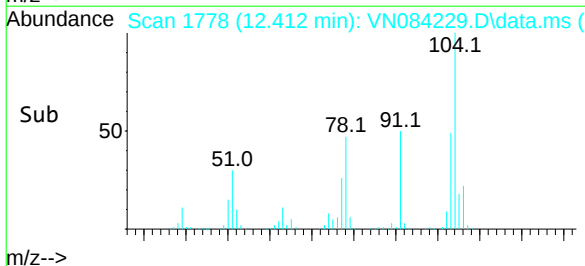
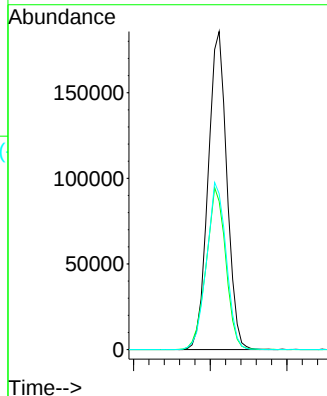
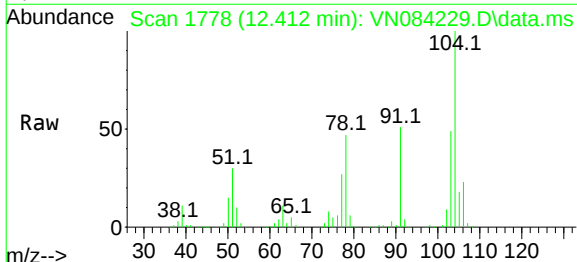
Manual Integrations
APPROVED

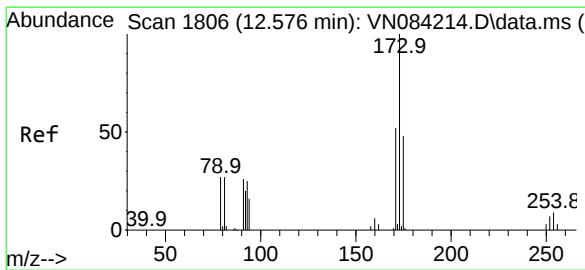
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#70
Styrene
Concen: 51.804 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion:104 Resp: 315973
Ion Ratio Lower Upper
104 100
78 53.0 42.7 64.1
103 55.0 43.6 65.4





#71

Bromoform

Concen: 50.637 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN084229.D

Acq: 30 Sep 2024 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

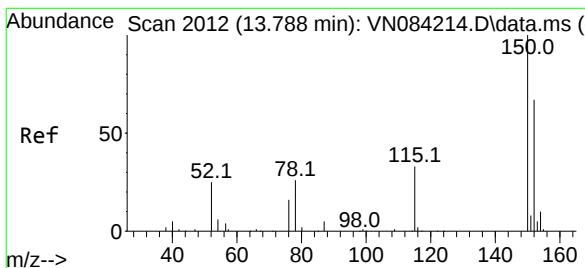
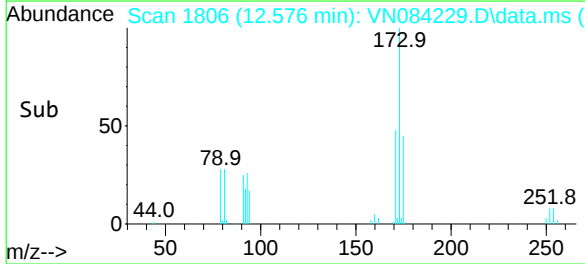
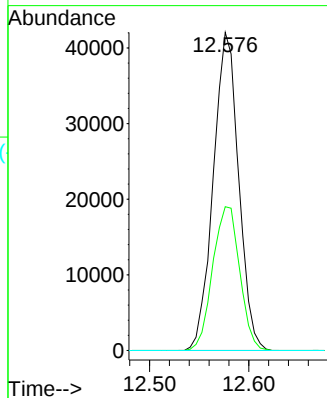
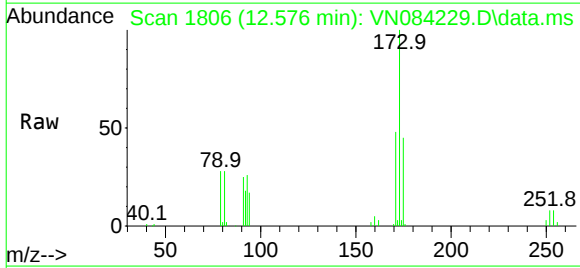
Tgt Ion:	173	Resp:	74710
Ion Ratio	Lower	Upper	
173	100		
175	48.2	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

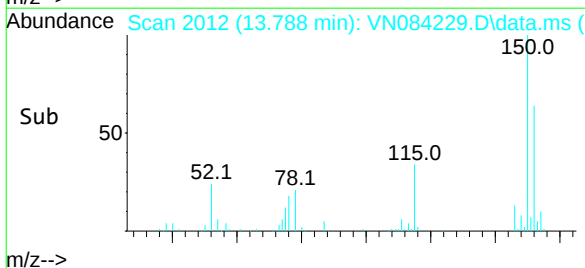
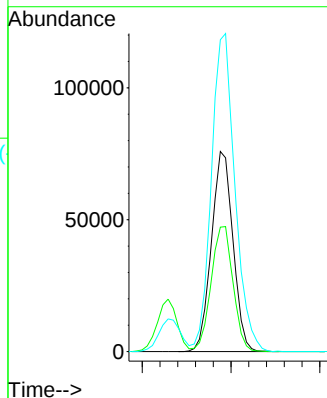
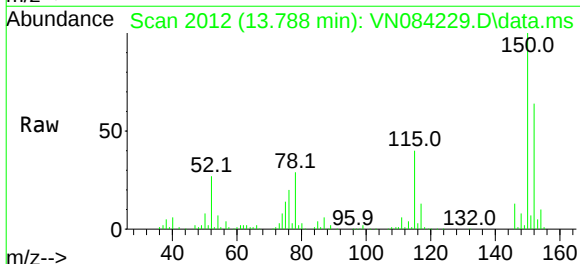
RT: 13.788 min Scan# 2012

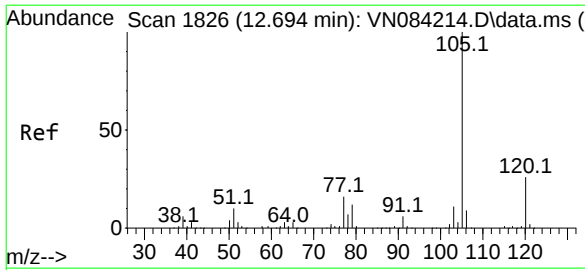
Delta R.T. -0.000 min

Lab File: VN084229.D

Acq: 30 Sep 2024 20:06

Tgt Ion:	152	Resp:	127943
Ion Ratio	Lower	Upper	
152	100		
115	63.7	31.3	93.9
150	173.7	0.0	349.8





#73

Isopropylbenzene

Concen: 48.553 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084229.D

Acq: 30 Sep 2024 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 474033

Ion Ratio Lower Upper

105 100

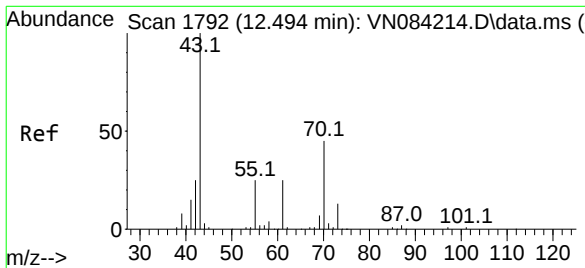
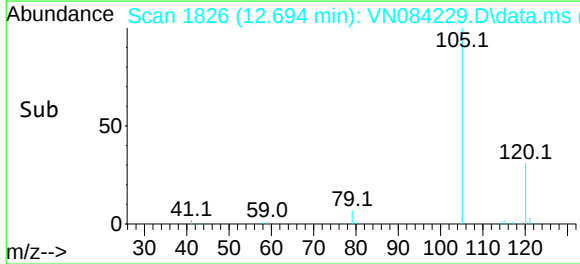
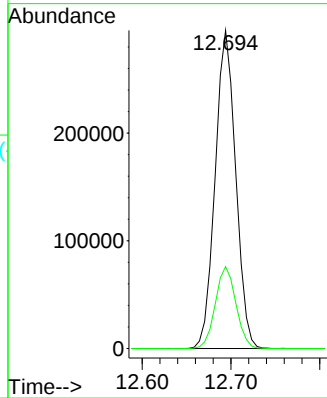
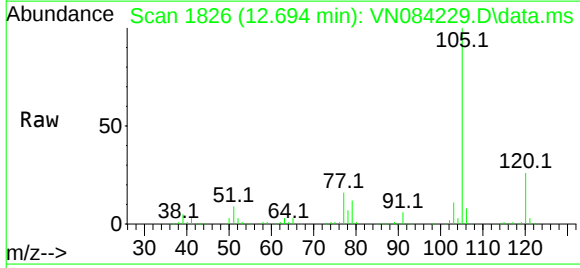
120 25.8 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#74

N-ethyl acetate

Concen: 48.145 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084229.D

Acq: 30 Sep 2024 20:06

Tgt Ion: 43 Resp: 212853

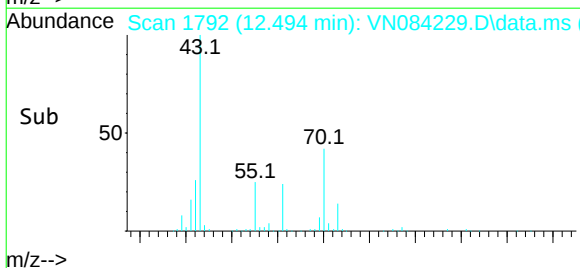
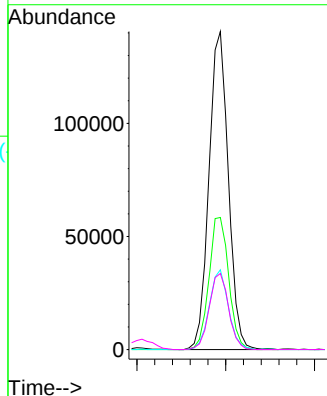
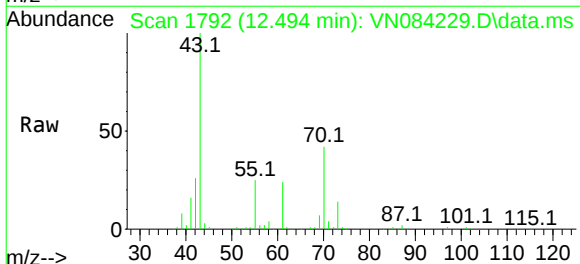
Ion Ratio Lower Upper

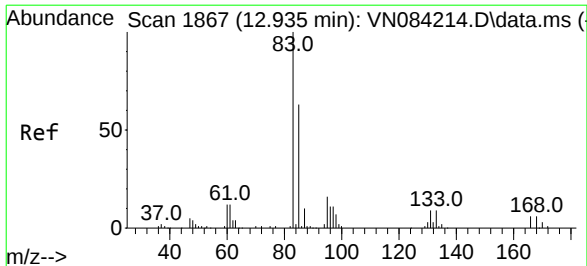
43 100

70 42.4 34.4 51.6

55 24.9 19.6 29.4

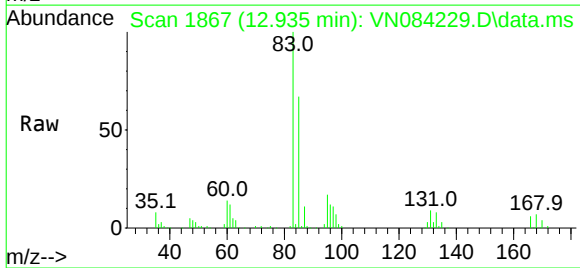
61 24.0 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 46.808 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

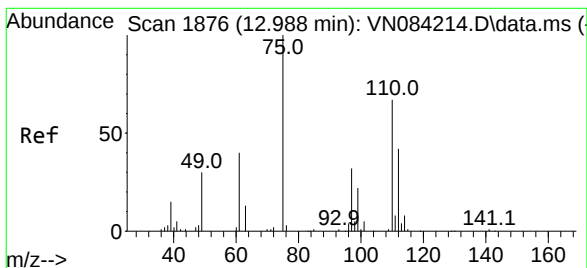
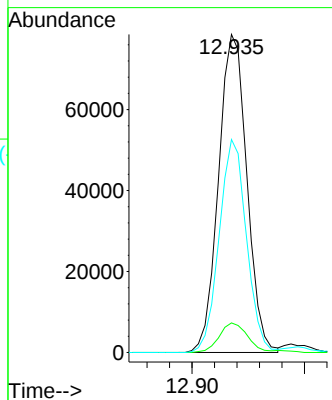
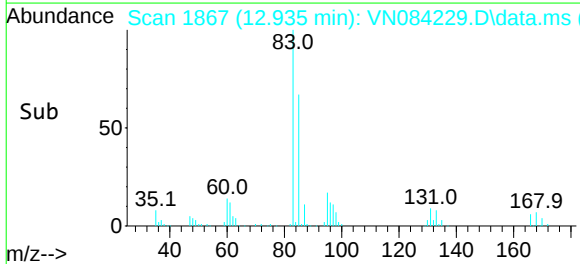
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 137414
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 64.5 31.9 95.7

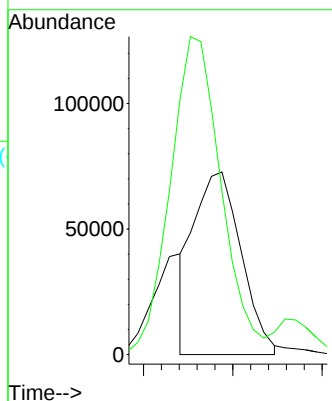
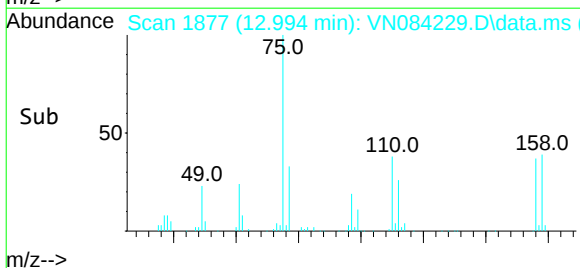
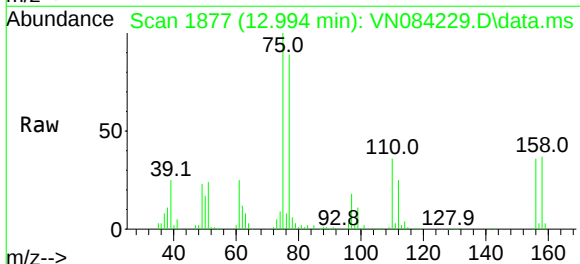
Manual Integrations
APPROVED

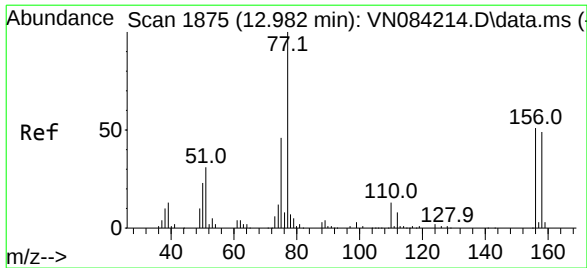
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#76
1,2,3-Trichloropropane
Concen: 51.265 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

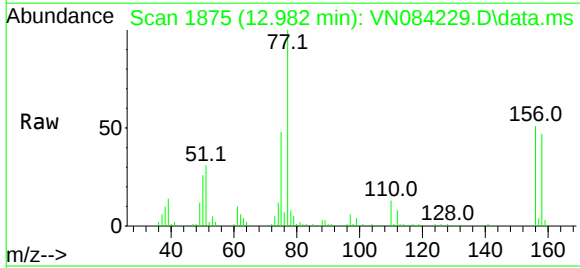
Tgt Ion: 75 Resp: 133904
Ion Ratio Lower Upper
75 100
77 186.8 96.9 290.7





#77
Bromobenzene
Concen: 46.621 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

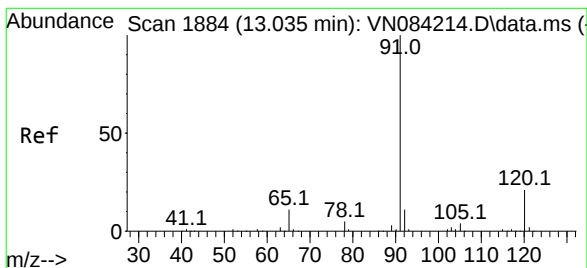
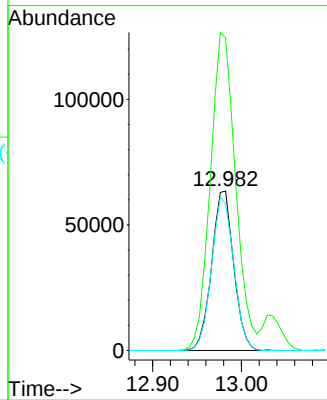
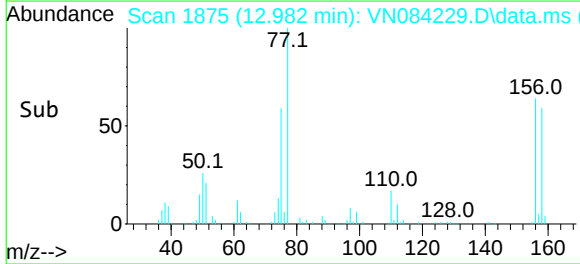
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 109792
Ion Ratio Lower Upper
156 100
77 227.8 115.1 345.3
158 96.8 48.9 146.8

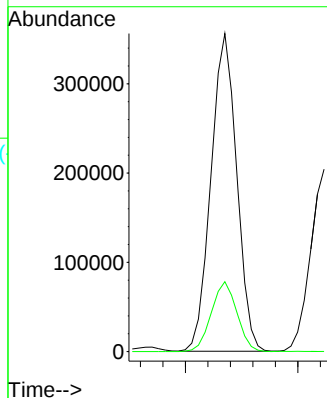
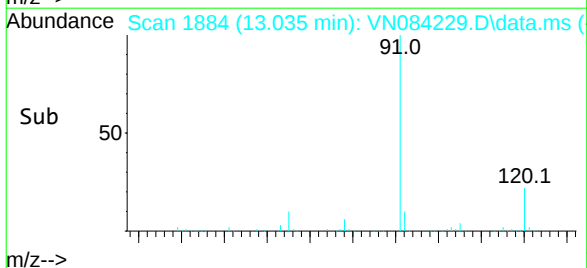
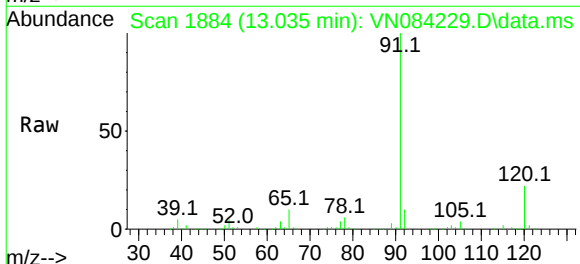
Manual Integrations
APPROVED

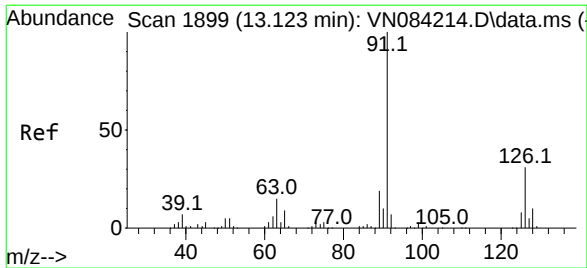
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#78
n-propylbenzene
Concen: 50.008 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion: 91 Resp: 565683
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4





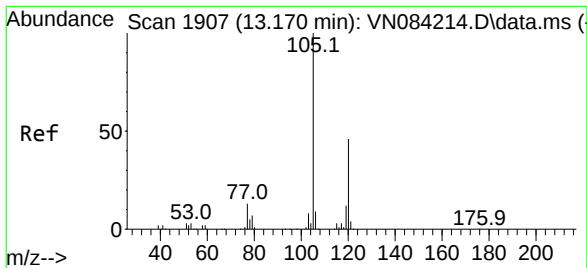
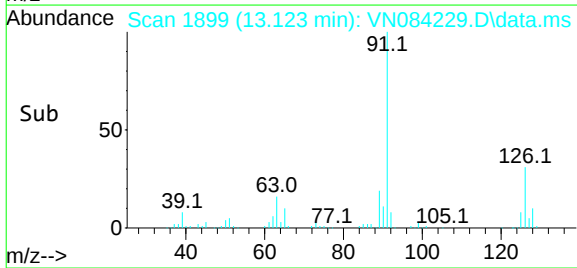
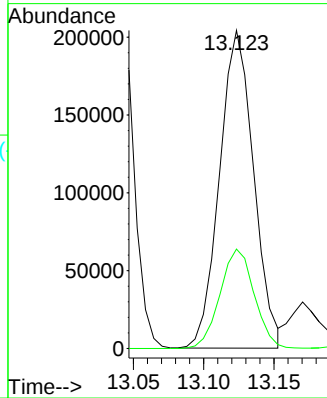
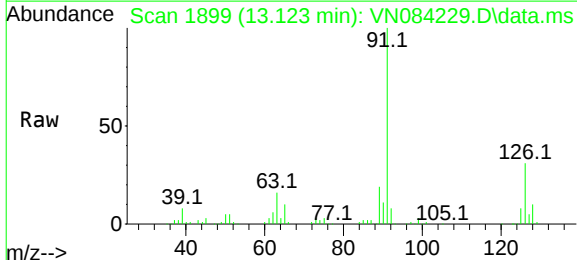
#79
2-Chlorotoluene
Concen: 47.666 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 344054
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.1

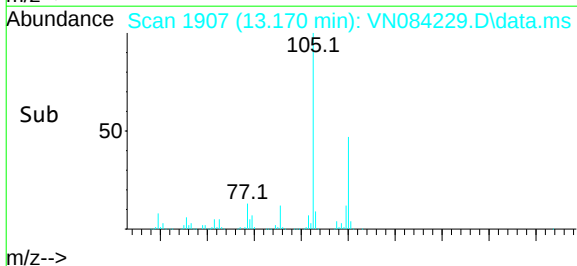
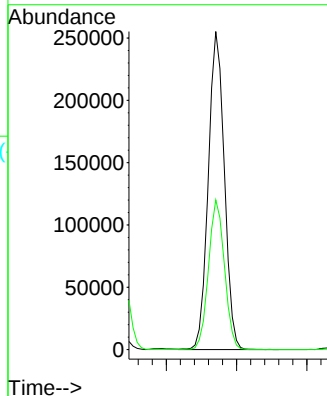
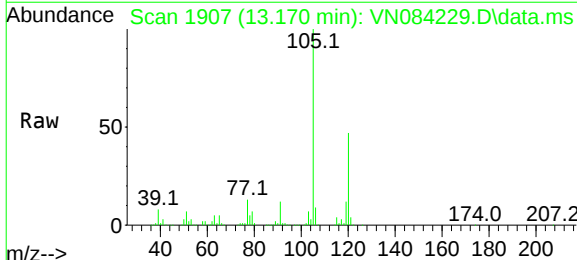
Manual Integrations
APPROVED

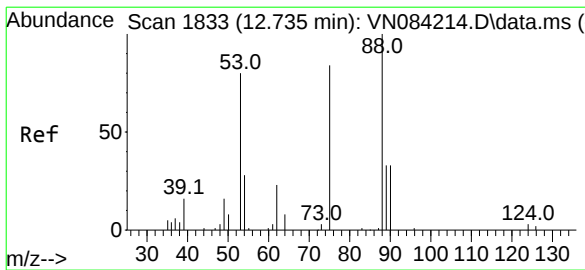
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.745 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion:105 Resp: 404131
Ion Ratio Lower Upper
105 100
120 46.7 23.7 71.1





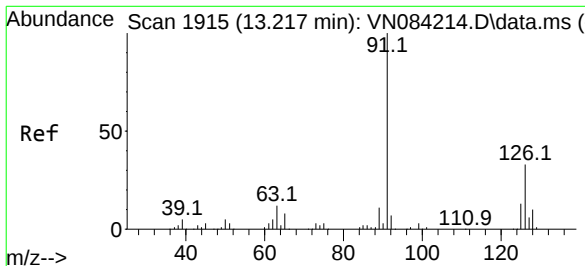
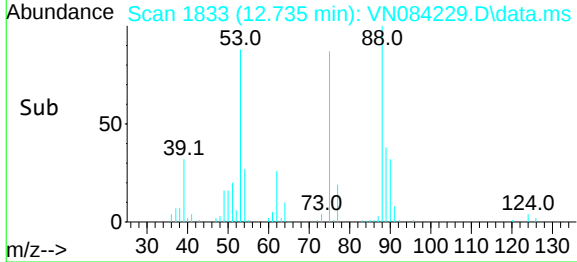
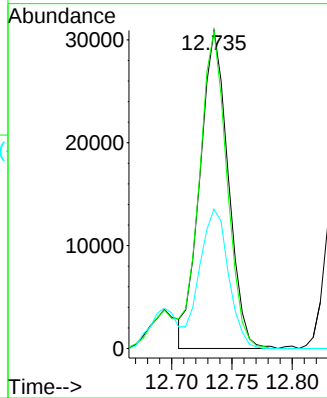
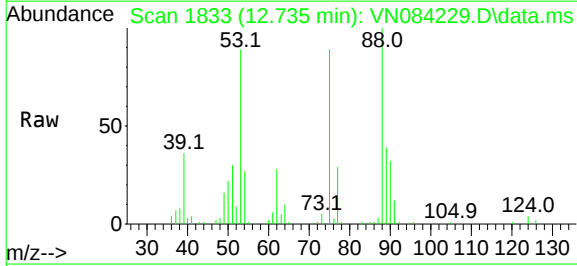
#81
trans-1,4-Dichloro-2-butene
Concen: 46.213 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.9	78.0	117.0
89	45.4	35.5	53.3

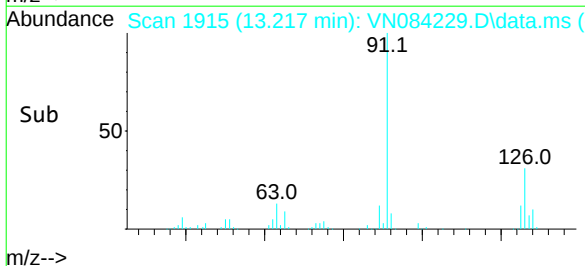
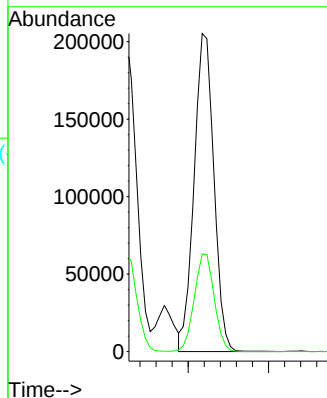
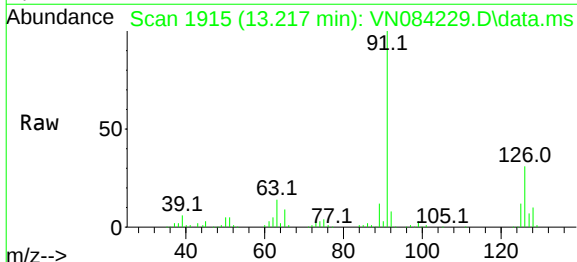
Manual Integrations
APPROVED

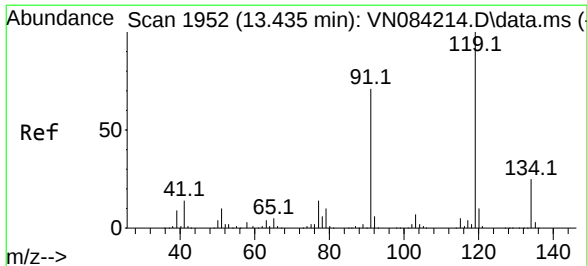
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#82
4-Chlorotoluene
Concen: 48.275 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

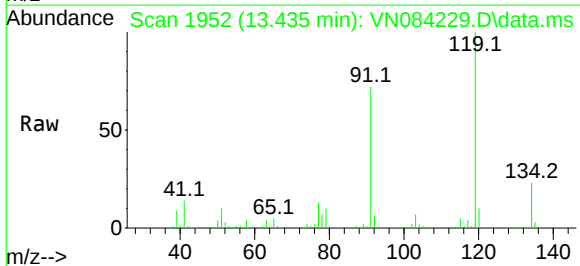
Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.7	47.1





#83
tert-Butylbenzene
Concen: 48.595 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

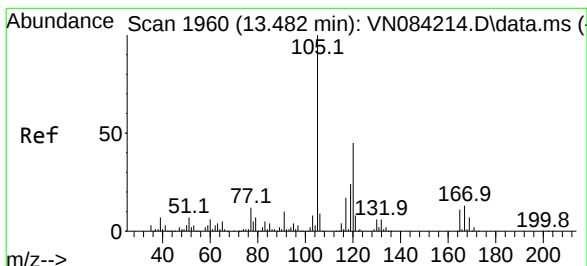
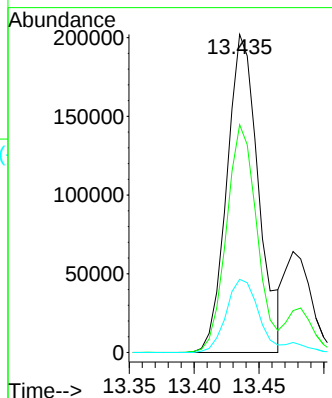
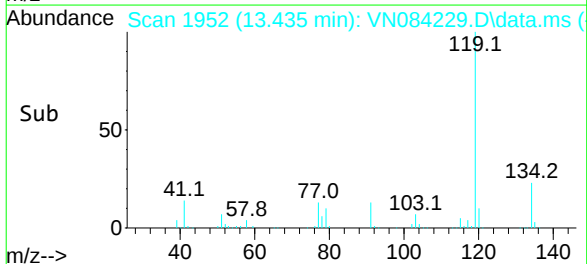
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 343976
Ion Ratio Lower Upper
119 100
91 68.8 34.1 102.3
134 23.7 12.8 38.4

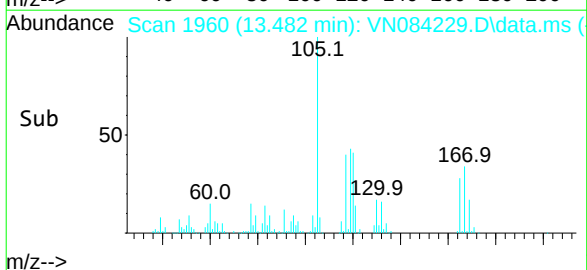
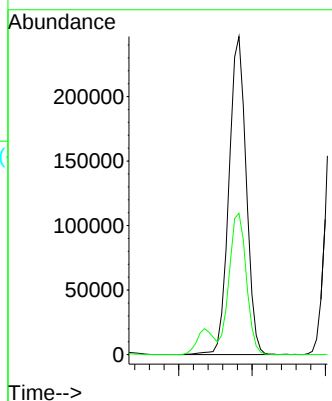
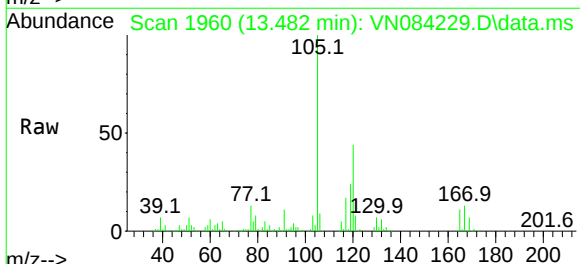
Manual Integrations
APPROVED

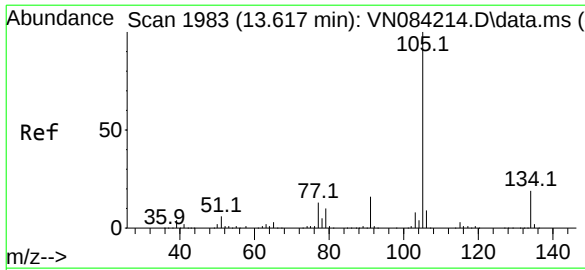
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#84
1,2,4-Trimethylbenzene
Concen: 50.146 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion:105 Resp: 402313
Ion Ratio Lower Upper
105 100
120 44.4 22.3 66.8





#85
sec-Butylbenzene
Concen: 49.654 ug/l
RT: 13.611 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :

MSVOA_N

ClientSampleId :

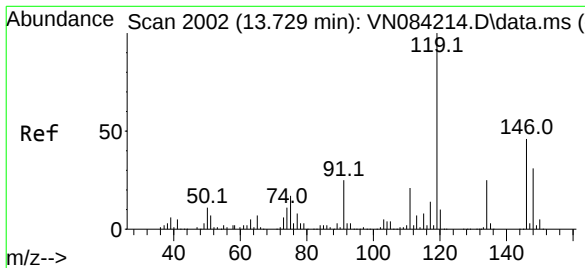
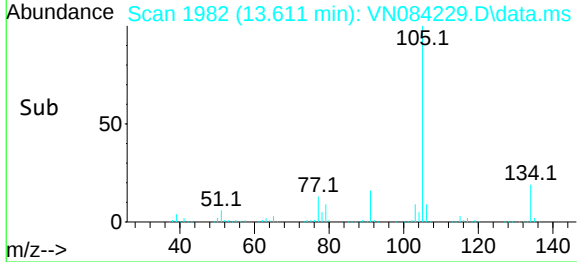
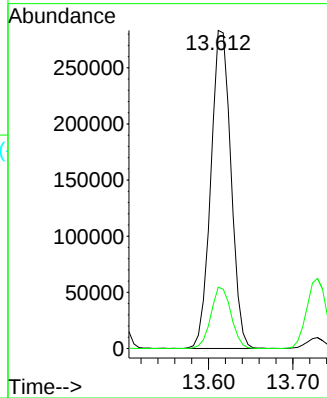
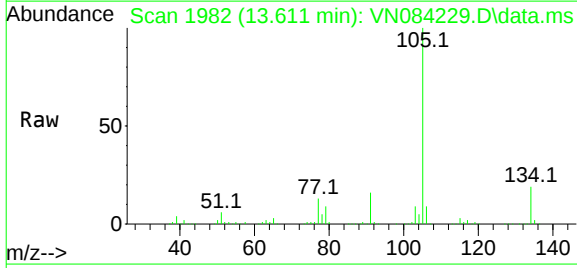
VSTDCCC050EC

Tgt Ion:105 Resp: 469008
Ion Ratio Lower Upper
105 100
134 19.3 9.8 29.4

Manual Integrations

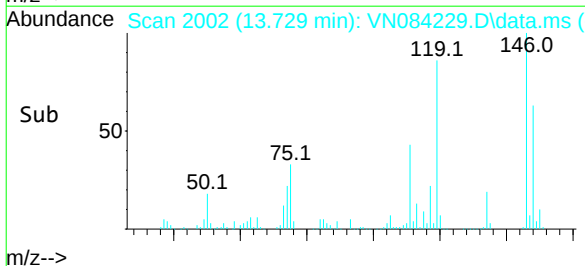
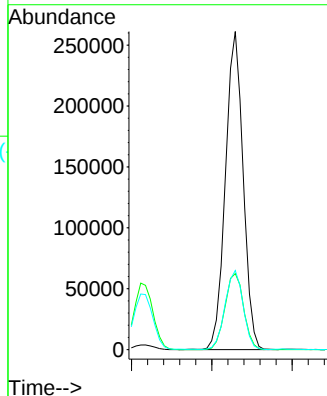
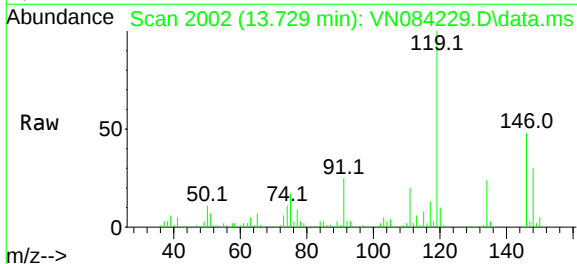
APPROVED

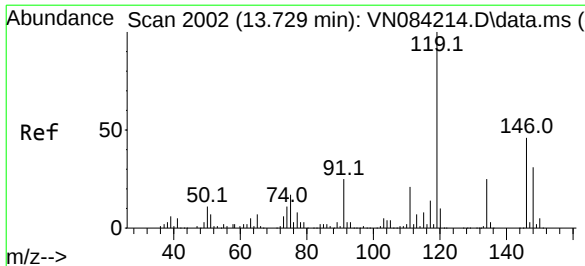
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#86
p-Isopropyltoluene
Concen: 51.099 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion:119 Resp: 399116
Ion Ratio Lower Upper
119 100
134 25.3 12.6 37.8
91 25.4 12.4 37.2





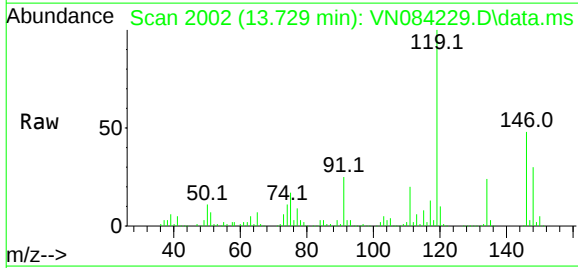
#87
1,3-Dichlorobenzene
Concen: 47.183 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



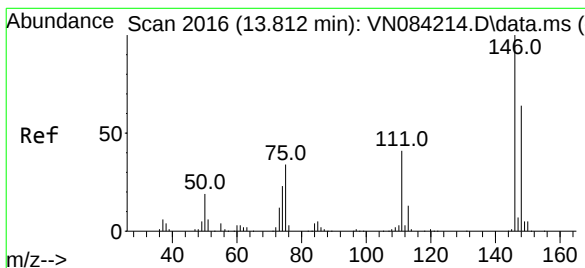
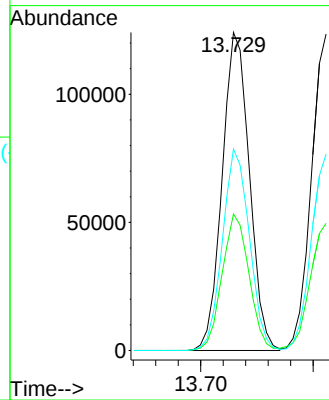
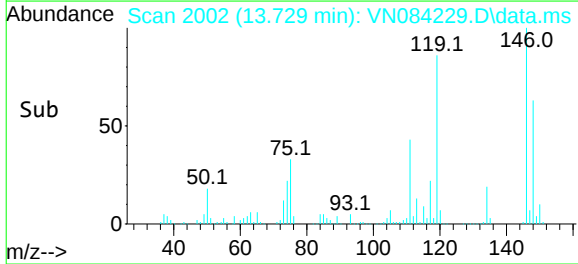
Tgt Ion:146 Resp: 208454
Ion Ratio Lower Upper
146 100
111 42.6 21.8 65.3
148 62.9 31.9 95.7

Manual Integrations

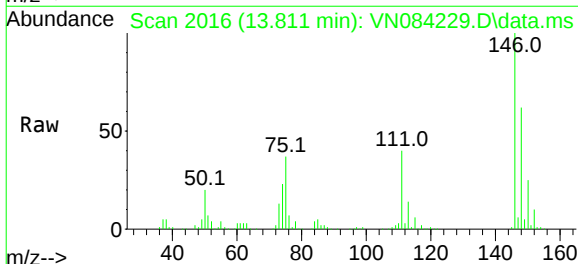
APPROVED

Reviewed By :John Carlone 10/01/2024

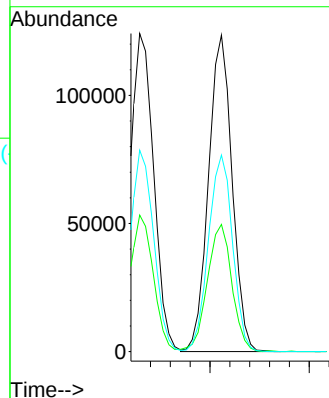
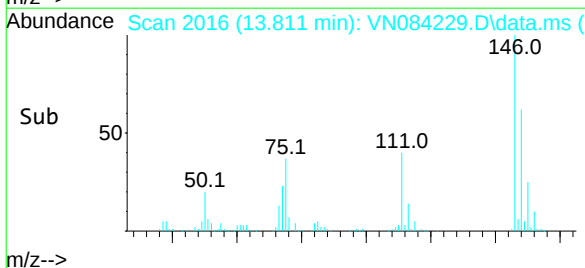
Supervised By :Mahesh Dadoda 10/01/2024

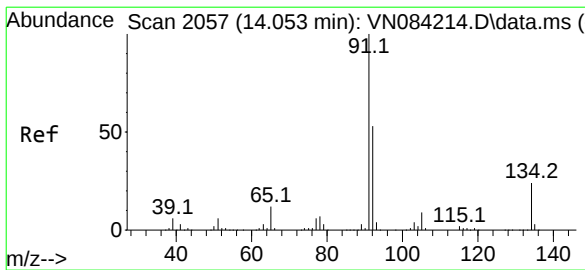


#88
1,4-Dichlorobenzene
Concen: 45.761 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06



Tgt Ion:146 Resp: 204163
Ion Ratio Lower Upper
146 100
111 41.7 21.2 63.6
148 63.5 31.9 95.9





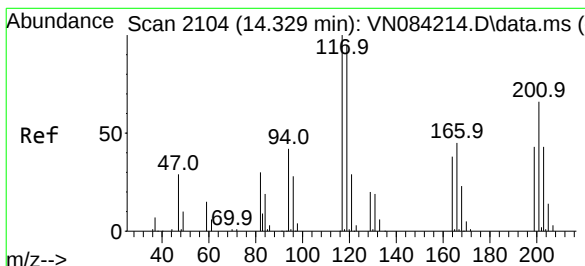
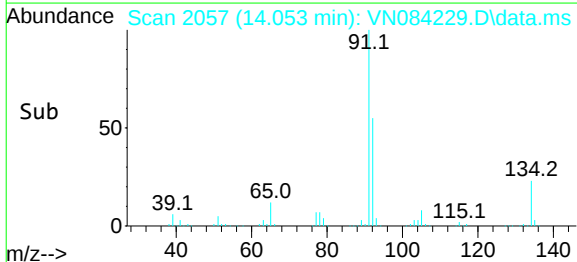
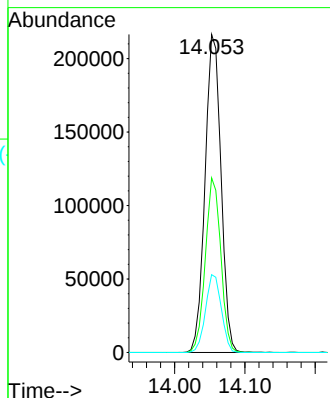
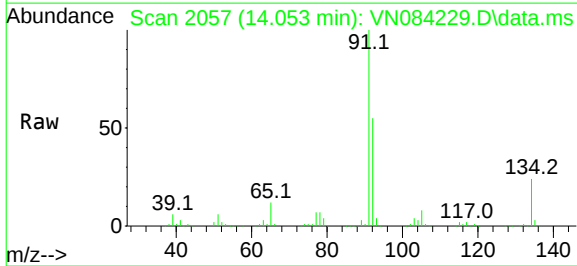
#89
n-Butylbenzene
Concen: 48.187 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	91	Resp:	341283
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.6	79.7
134	24.2	12.3	36.9

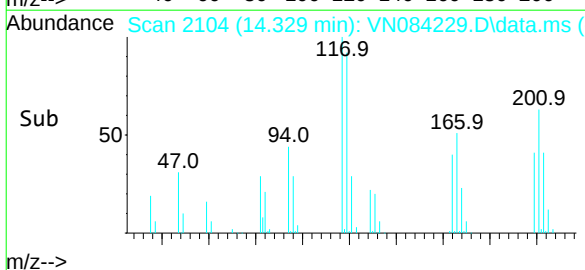
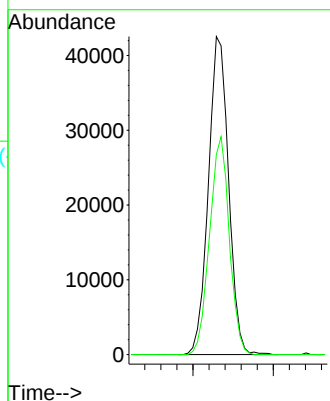
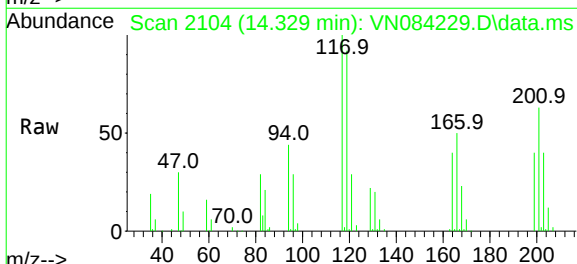
Manual Integrations
APPROVED

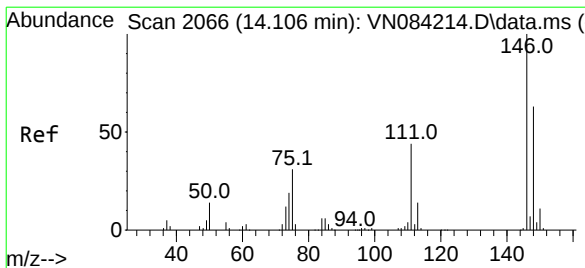
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#90
Hexachloroethane
Concen: 46.744 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

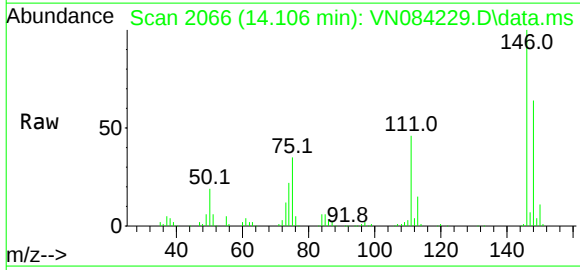
Tgt Ion:	117	Resp:	74109
Ion	Ratio	Lower	Upper
117	100		
201	67.0	34.4	103.2





#91
1,2-Dichlorobenzene
Concen: 45.854 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

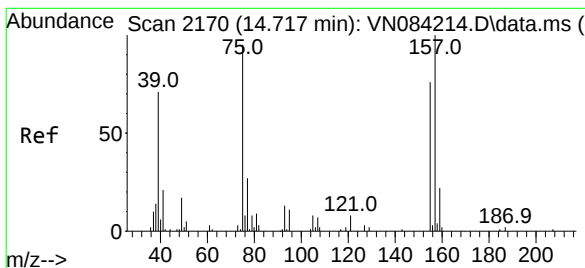
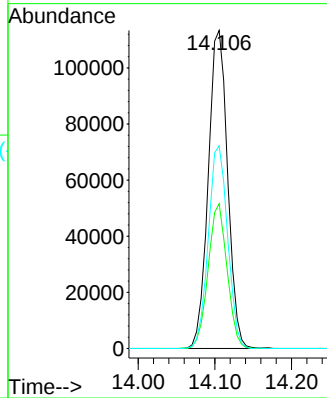
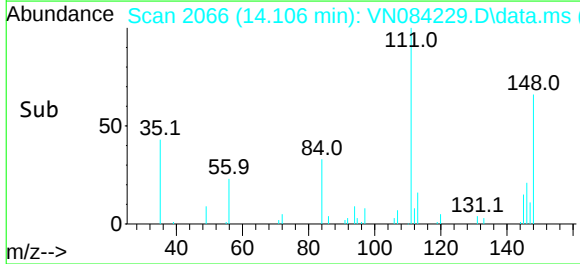
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 146 Resp: 198642
Ion Ratio Lower Upper
146 100
111 44.6 22.0 66.0
148 63.7 32.1 96.3

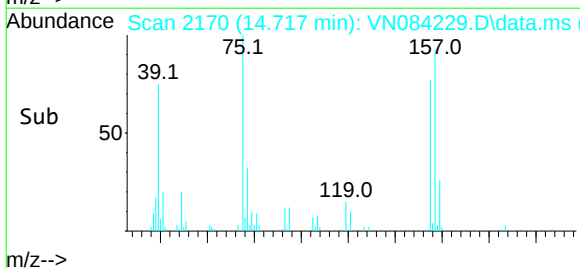
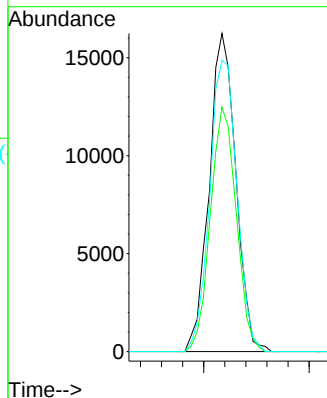
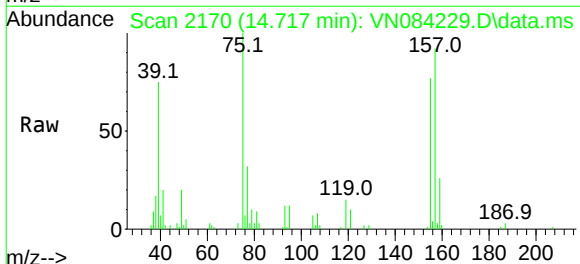
Manual Integrations
APPROVED

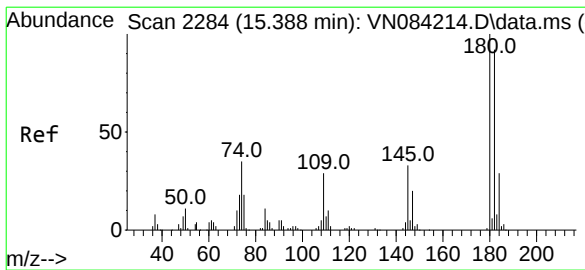
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.036 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084229.D
Acq: 30 Sep 2024 20:06

Tgt Ion: 75 Resp: 28495
Ion Ratio Lower Upper
75 100
155 74.6 38.1 114.5
157 93.9 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 46.892 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN084229.D

Acq: 30 Sep 2024 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

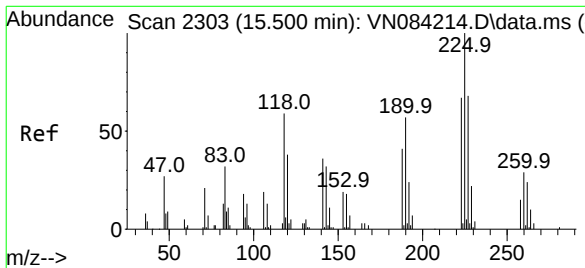
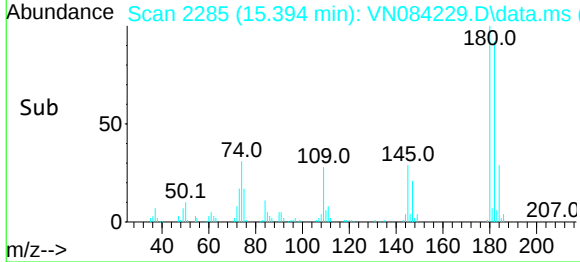
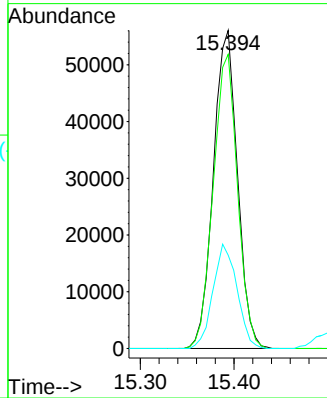
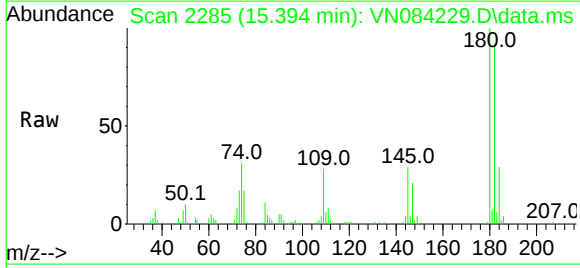
Tgt Ion:	180	Resp:	100056
Ion Ratio	Lower	Upper	
180	100		
182	93.5	47.0	141.0
145	32.8	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#94

Hexachlorobutadiene

Concen: 41.159 ug/l

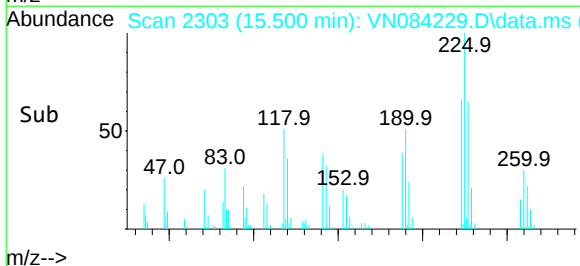
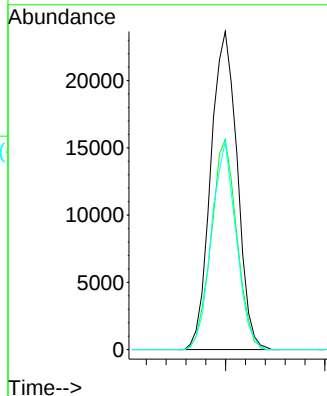
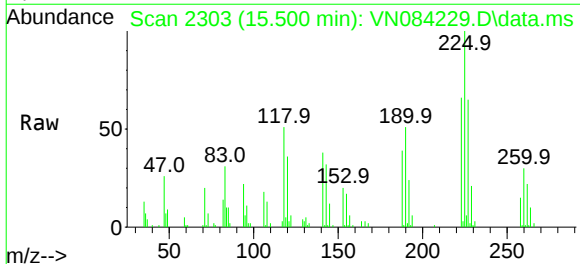
RT: 15.500 min Scan# 2303

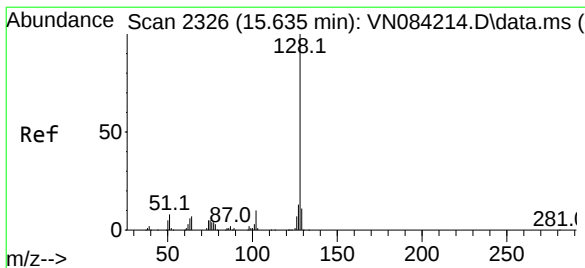
Delta R.T. -0.000 min

Lab File: VN084229.D

Acq: 30 Sep 2024 20:06

Tgt Ion:	225	Resp:	43797
Ion Ratio	Lower	Upper	
225	100		
223	63.8	32.4	97.2
227	61.1	32.4	97.0





#95

Naphthalene

Concen: 45.315 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084229.D

Acq: 30 Sep 2024 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

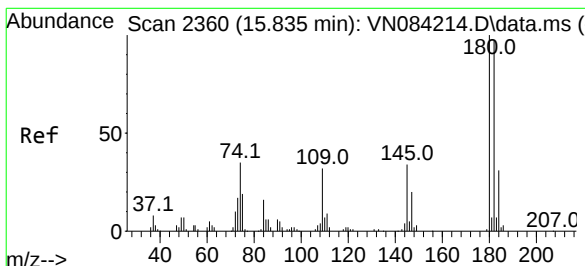
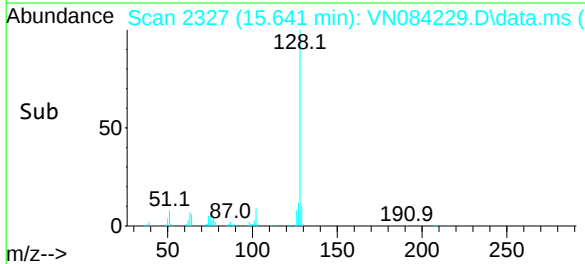
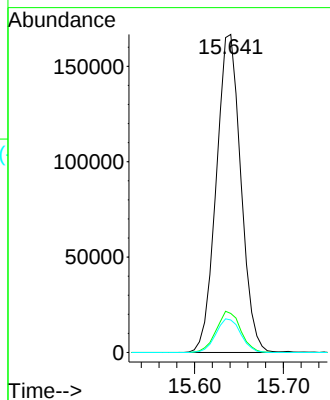
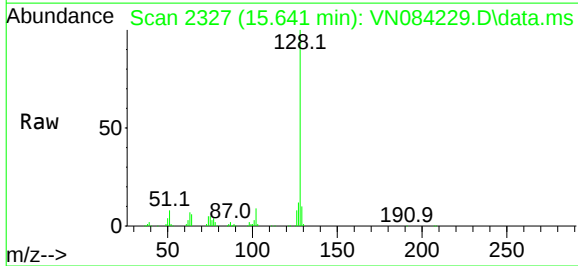
Tgt Ion:	128	Resp:	320551
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#96

1,2,3-Trichlorobenzene

Concen: 45.639 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084229.D

Acq: 30 Sep 2024 20:06

Tgt Ion:	180	Resp:	97480
Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.2	144.6
145	35.2	17.3	51.9

