

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084080.D
 Acq On : 21 Sep 2024 00:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 21 03:11:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/23/2024
 Supervised By : Mahesh Dadoda 09/23/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	133311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	238373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	213848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103088	51.284	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.560%			
35) Dibromofluoromethane	8.165	113	76479	50.116	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.240%			
50) Toluene-d8	10.565	98	272000	51.558	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.120%			
62) 4-Bromofluorobenzene	12.847	95	105185	48.326	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	74339	48.016	ug/l	98
3) Chloromethane	2.359	50	79392	50.225	ug/l	99
4) Vinyl Chloride	2.512	62	79117	46.622	ug/l	98
5) Bromomethane	2.942	94	48550	49.829	ug/l	99
6) Chloroethane	3.112	64	53297	44.774	ug/l #	87
7) Trichlorofluoromethane	3.495	101	142648	49.522	ug/l	98
8) Diethyl Ether	3.959	74	48099	49.814	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	78410	51.356	ug/l	97
10) Methyl Iodide	4.583	142	94991	48.920	ug/l	96
11) Tert butyl alcohol	5.518	59	89372	332.020	ug/l	99
12) 1,1-Dichloroethene	4.342	96	72532	50.303	ug/l	96
13) Acrolein	4.177	56	66650	250.953	ug/l	97
14) Allyl chloride	5.024	41	131446	51.161	ug/l	99
15) Acrylonitrile	5.718	53	222142	303.460	ug/l	100
16) Acetone	4.424	43	193650	240.315	ug/l	96
17) Carbon Disulfide	4.712	76	181080	44.895	ug/l	99
18) Methyl Acetate	5.030	43	113135	68.054	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	281374	53.927	ug/l	99
20) Methylene Chloride	5.277	84	86743	52.603	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	76068	49.226	ug/l	95
22) Diisopropyl ether	6.671	45	298910	56.516	ug/l	98
23) Vinyl Acetate	6.600	43	1090600	281.579	ug/l	98
24) 1,1-Dichloroethane	6.565	63	161768	53.090	ug/l	98
25) 2-Butanone	7.483	43	302682	285.787	ug/l	99
26) 2,2-Dichloropropane	7.489	77	108810	38.776	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	99229	54.094	ug/l	97
28) Bromochloromethane	7.818	49	75512	58.847	ug/l	94
29) Tetrahydrofuran	7.841	42	196070	313.087	ug/l	97
30) Chloroform	7.965	83	173029	53.488	ug/l	100
31) Cyclohexane	8.259	56	129149	44.454	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	158444	53.268	ug/l	97
36) 1,1-Dichloropropene	8.371	75	115821	50.425	ug/l	97
37) Ethyl Acetate	7.559	43	127926	61.358	ug/l	96
38) Carbon Tetrachloride	8.359	117	134325	51.548	ug/l	97
39) Methylcyclohexane	9.600	83	122535	46.869	ug/l	96
40) Benzene	8.606	78	354902	51.335	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/23/2024
 Supervised By : Mahesh Dadoda 09/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	72366	58.685	ug/l	96
42) 1,2-Dichloroethane	8.671	62	134975	52.249	ug/l	100
43) Isopropyl Acetate	8.688	43	231713	61.330	ug/l	98
44) Trichloroethene	9.353	130	79857	49.881	ug/l	92
45) 1,2-Dichloropropane	9.618	63	90460	54.138	ug/l	91
46) Dibromomethane	9.712	93	63624	54.362	ug/l	98
47) Bromodichloromethane	9.888	83	141344	55.803	ug/l	98
48) Methyl methacrylate	9.683	41	102871	57.390	ug/l	99
49) 1,4-Dioxane	9.694	88	35534	1205.049	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	656232	319.082	ug/l	97
52) Toluene	10.630	92	222127	52.528	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	134591	52.423	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	142288	52.760	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	85865	54.389	ug/l	98
56) Ethyl methacrylate	10.877	69	144443	59.468	ug/l	98
57) 1,3-Dichloropropane	11.165	76	149993	55.281	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	311600	356.038	ug/l	96
59) 2-Hexanone	11.194	43	475653	312.655	ug/l	98
60) Dibromochloromethane	11.359	129	103319	58.478	ug/l	97
61) 1,2-Dibromoethane	11.471	107	84916	53.934	ug/l	100
64) Tetrachloroethene	11.100	164	70904	49.857	ug/l	98
65) Chlorobenzene	11.894	112	236932	49.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	86928	52.758	ug/l	99
67) Ethyl Benzene	11.965	91	438884	51.981	ug/l	98
68) m/p-Xylenes	12.071	106	325127	103.721	ug/l	98
69) o-Xylene	12.400	106	157226	51.812	ug/l	98
70) Styrene	12.412	104	278455	55.913	ug/l	99
71) Bromoform	12.576	173	64915	58.465	ug/l #	97
73) Isopropylbenzene	12.694	105	413253	49.426	ug/l	100
74) N-amyl acetate	12.494	43	198322	55.594	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	126298	51.411	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	109682m	50.297	ug/l	
77) Bromobenzene	12.982	156	97984	48.685	ug/l	99
78) n-propylbenzene	13.035	91	499806	51.377	ug/l	99
79) 2-Chlorotoluene	13.123	91	311537	50.214	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	356588	50.585	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	39393m	47.312	ug/l	
82) 4-Chlorotoluene	13.223	91	313517	50.356	ug/l	100
83) tert-Butylbenzene	13.435	119	303931	49.281	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	360997	50.981	ug/l	99
85) sec-Butylbenzene	13.618	105	422648	51.673	ug/l	100
86) p-Isopropyltoluene	13.729	119	350670	51.145	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	185804	48.918	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	183566	47.728	ug/l	99
89) n-Butylbenzene	14.053	91	308272	50.077	ug/l	99
90) Hexachloroethane	14.335	117	69226	50.227	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	179589	48.991	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26245	53.592	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	87891	44.680	ug/l	99
94) Hexachlorobutadiene	15.500	225	39148	46.862	ug/l	99
95) Naphthalene	15.641	128	299898	50.111	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	89211	47.453	ug/l	99

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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

Quant Time: Sep 21 03:11:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
Data File : VN084080.D
Acq On : 21 Sep 2024 00:20
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Manual Integrations

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Reviewed By :John Carlone 09/23/2024

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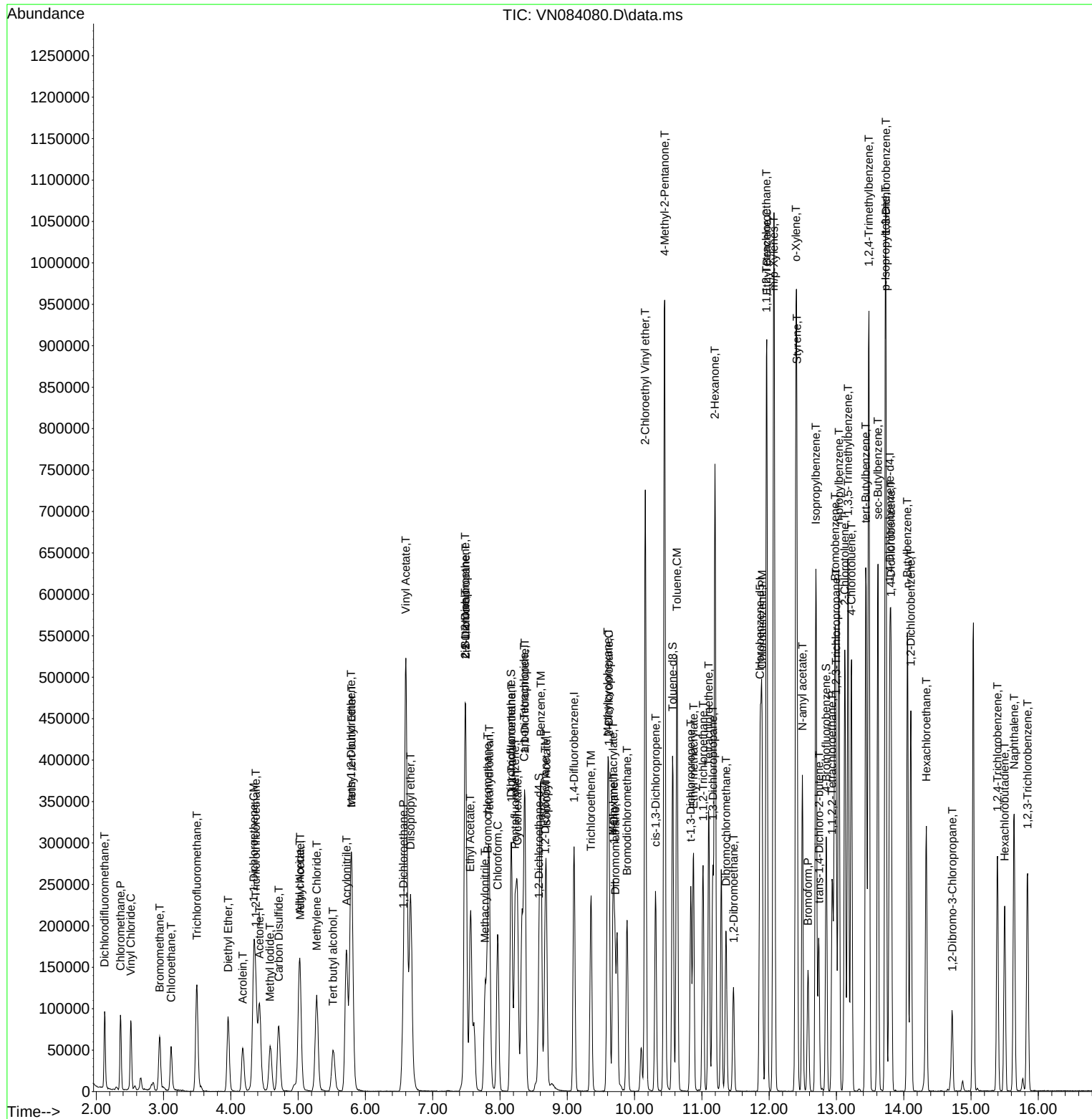
Quant Time: Sep 21 03:11:29 2024

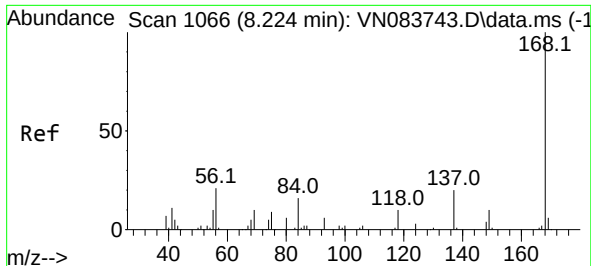
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M

Quant Title : SW846 8260

QLast Update : Wed Sep 11 15:18:56 2024

Response via : Initial Calibration





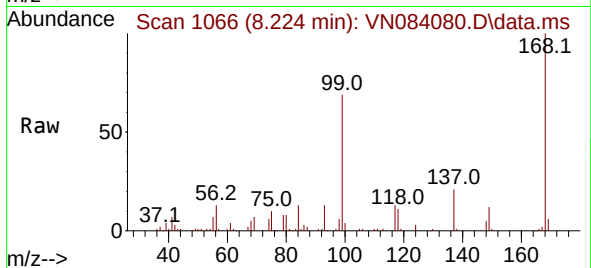
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



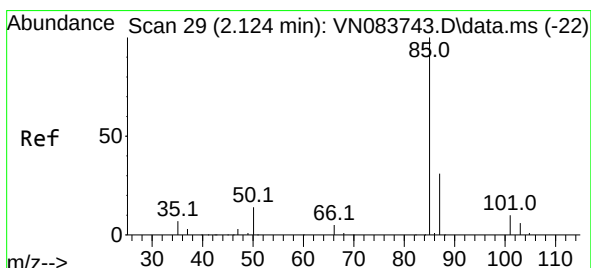
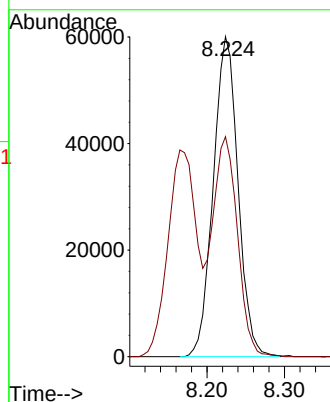
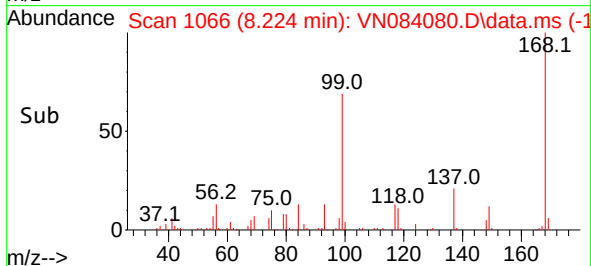
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Ion Ratio Lower Upper
168 100
99 68.4 54.2 81.2

Manual Integrations

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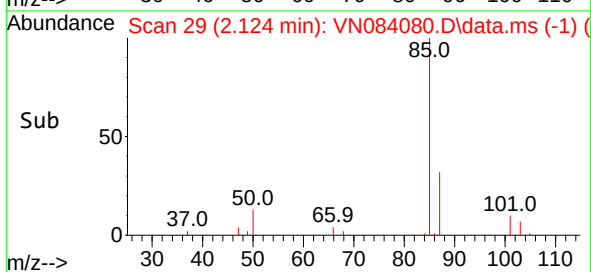
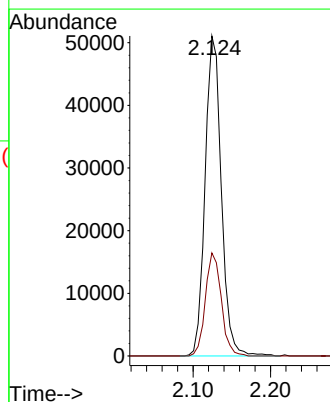
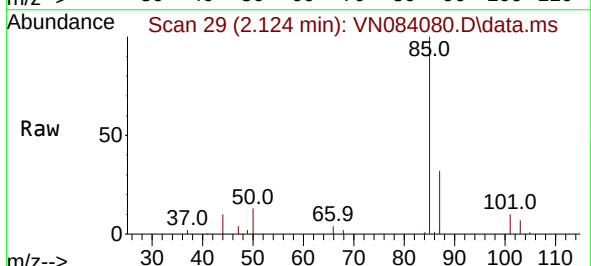
Reviewed By :John Carlone 09/23/2024

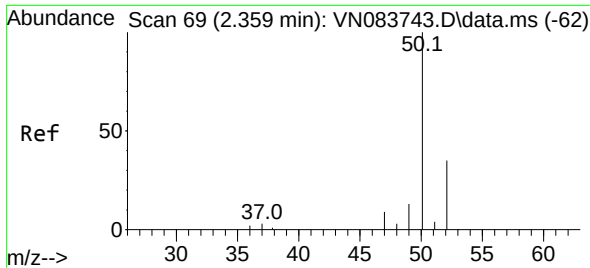
Supervised By :Mahesh Dadoda 09/23/2024



#2
Dichlorodifluoromethane
Concen: 48.016 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

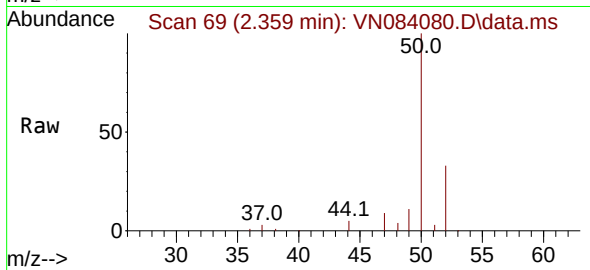
Tgt Ion: 85 Resp: 74339
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0





#3
Chloromethane
Concen: 50.225 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

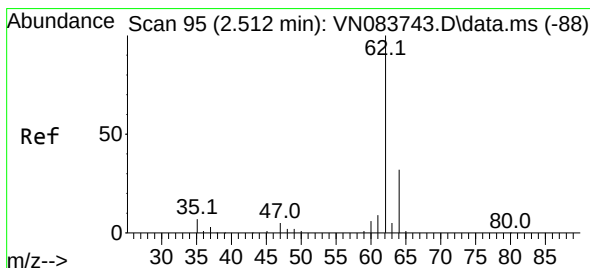
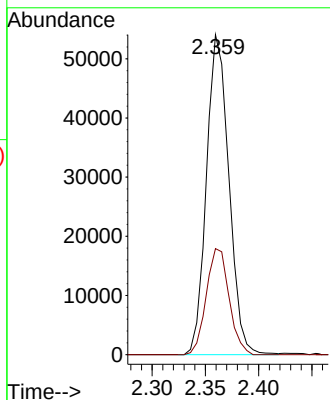
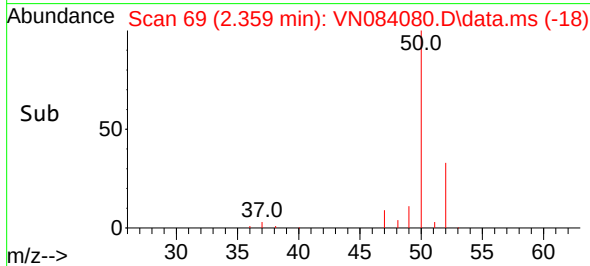
Instrument :
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ClientSampleId :
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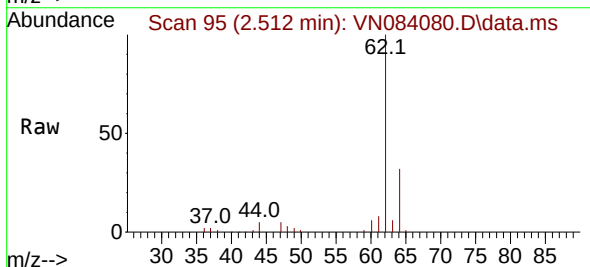
Tgt Ion: 50 Resp: 79392
Ion Ratio Lower Upper
50 100
52 33.2 27.2 40.8

Manual Integrations
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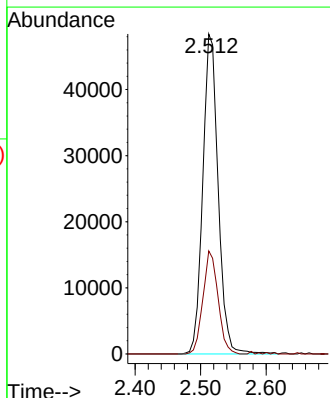
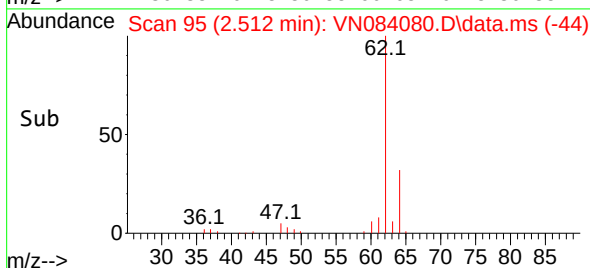
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

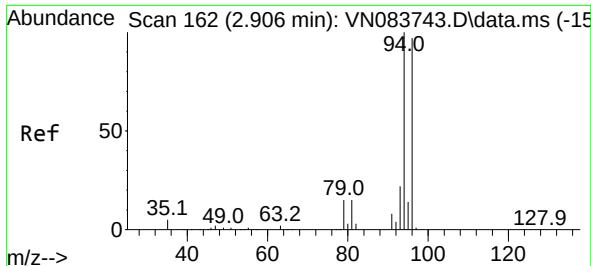


#4
Vinyl Chloride
Concen: 46.622 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20



Tgt Ion: 62 Resp: 79117
Ion Ratio Lower Upper
62 100
64 32.2 24.7 37.1





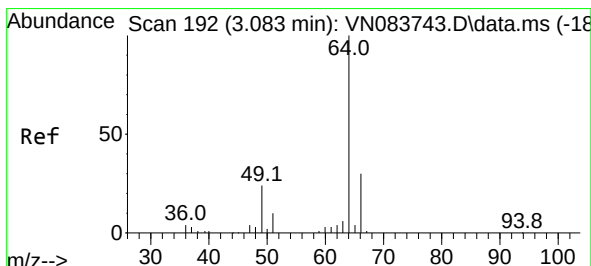
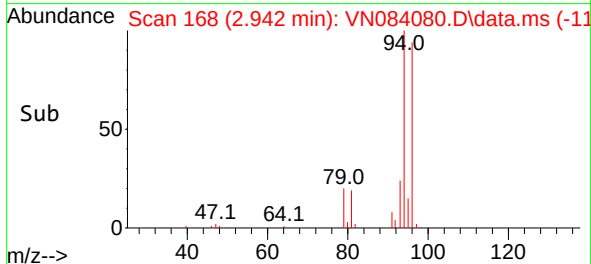
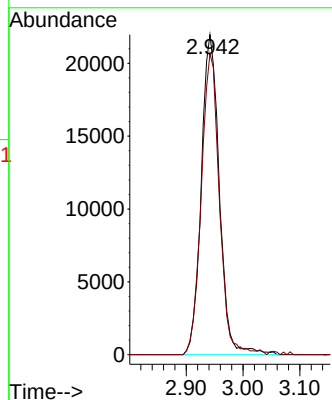
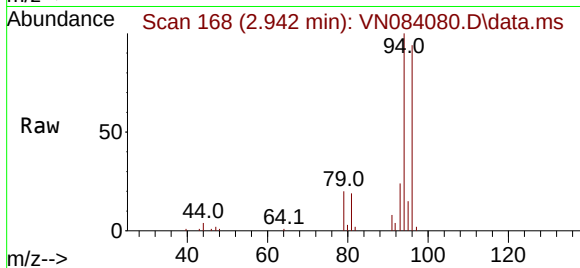
#5
Bromomethane
Concen: 49.829 ug/l
RT: 2.942 min Scan# 10
Delta R.T. 0.035 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 48550
Ion Ratio Lower Upper
94 100
96 94.1 76.0 114.0

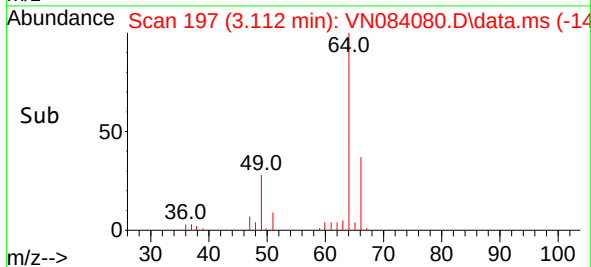
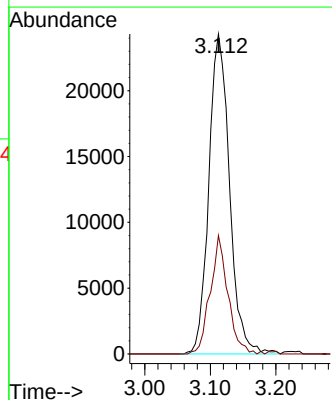
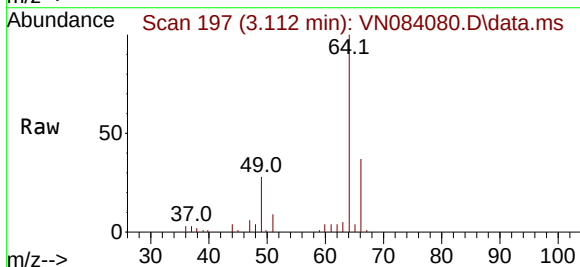
Manual Integrations
APPROVED

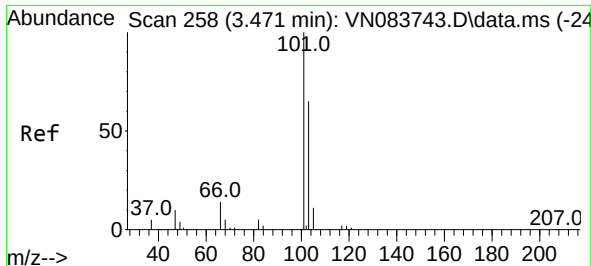
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#6
Chloroethane
Concen: 44.774 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.029 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Tgt Ion: 64 Resp: 53297
Ion Ratio Lower Upper
64 100
66 37.0 23.9 35.9#





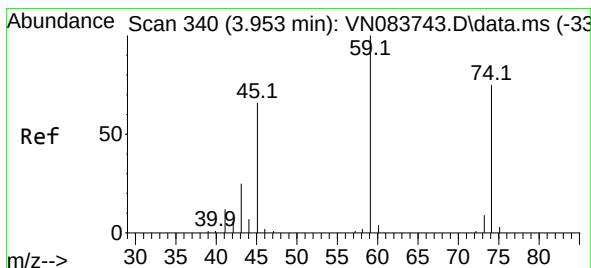
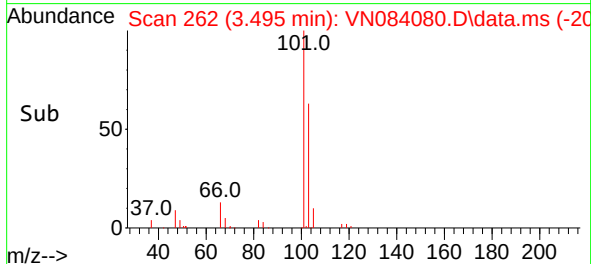
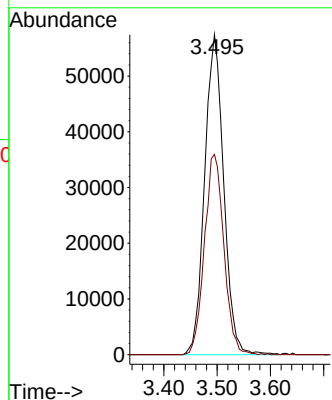
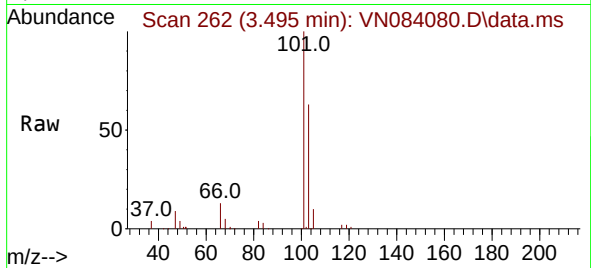
#7
Trichlorofluoromethane
Concen: 49.522 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.024 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 142648
Ion Ratio Lower Upper
101 100
103 62.6 51.4 77.0

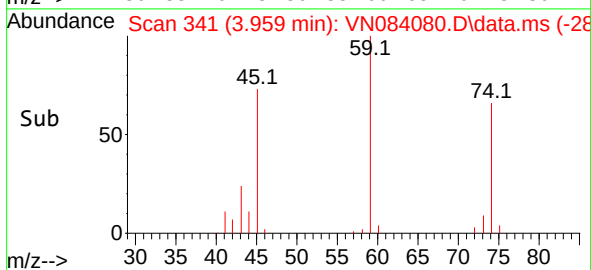
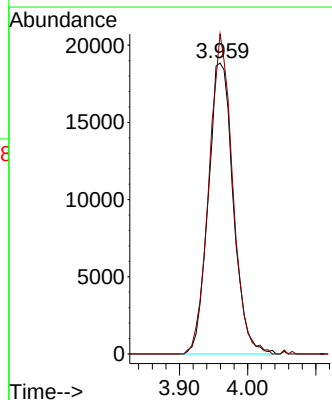
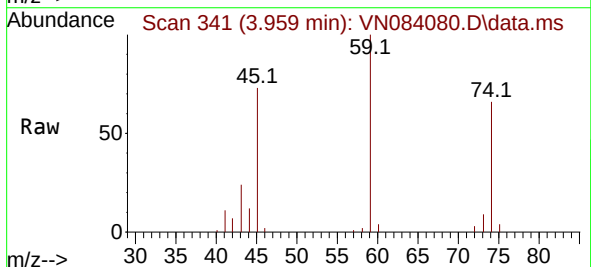
Manual Integrations
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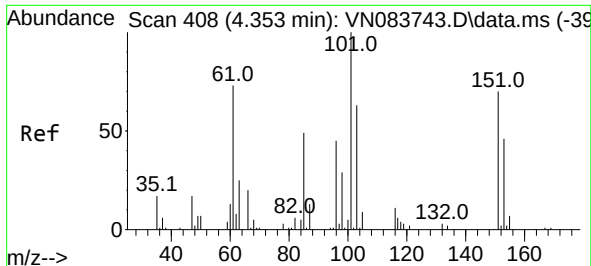
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#8
Diethyl Ether
Concen: 49.814 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Tgt Ion: 74 Resp: 48099
Ion Ratio Lower Upper
74 100
45 104.0 46.7 140.1





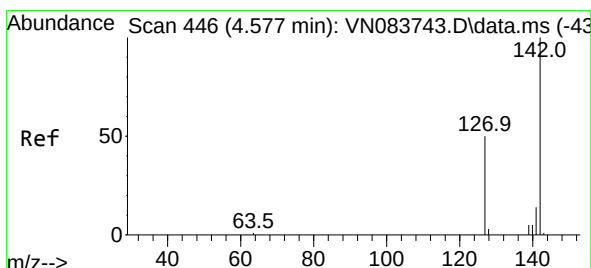
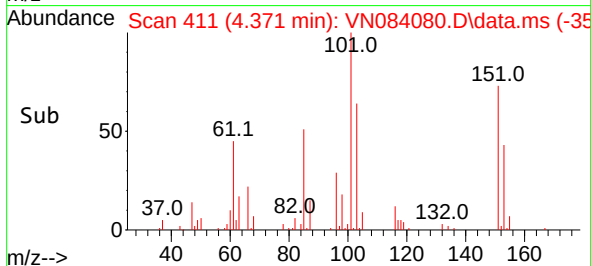
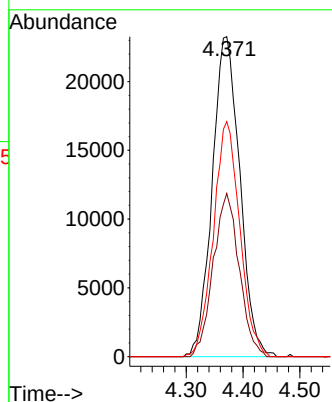
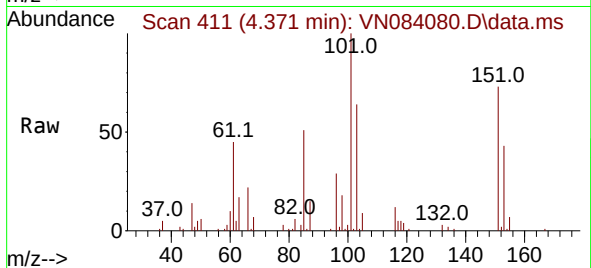
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.356 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 78410
Ion Ratio Lower Upper
101 100
85 48.1 36.2 54.4
151 70.5 57.7 86.5

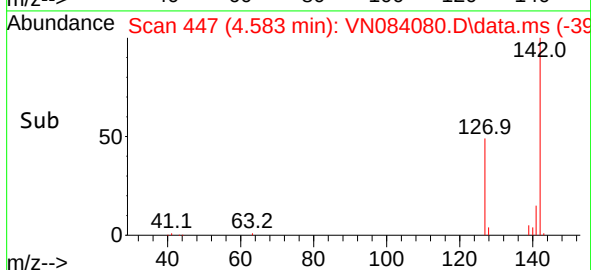
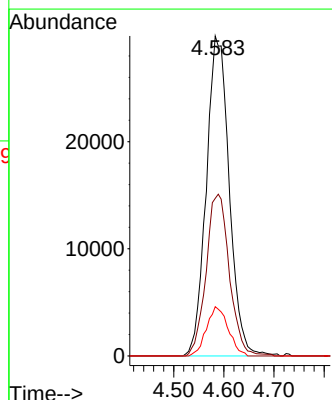
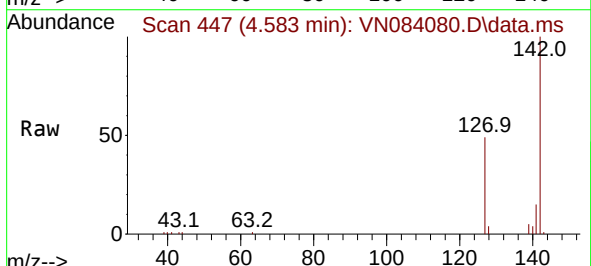
Manual Integrations
APPROVED

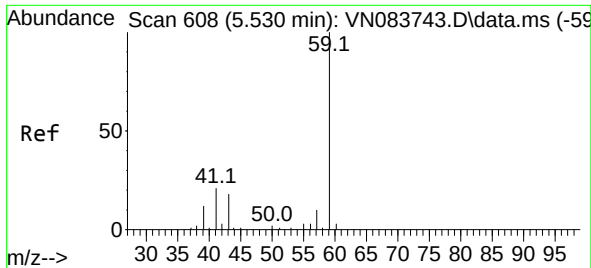
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#10
Methyl Iodide
Concen: 48.920 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

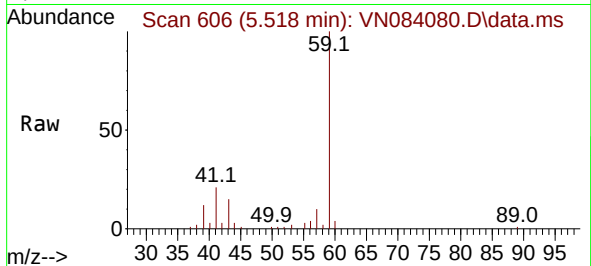
Tgt Ion:142 Resp: 94991
Ion Ratio Lower Upper
142 100
127 49.2 37.5 56.3
141 15.4 11.0 16.4





#11
Tert butyl alcohol
Concen: 332.020 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

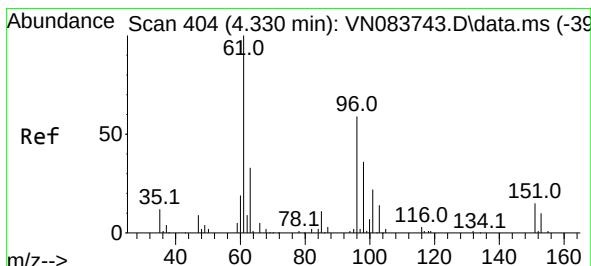
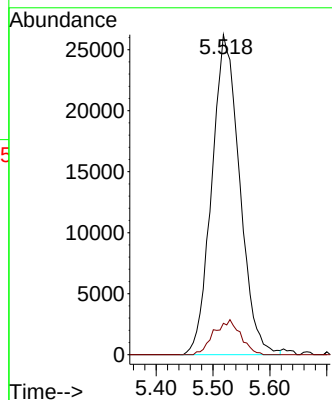
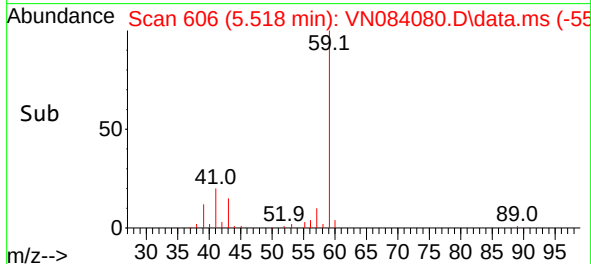
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



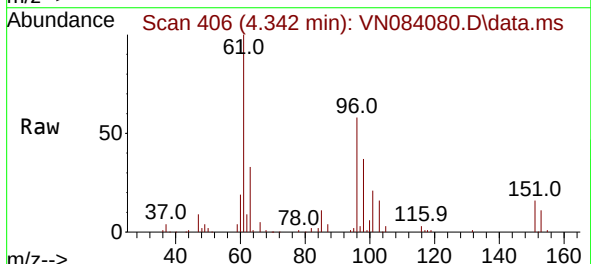
Tgt Ion: 59 Resp: 89372
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

Manual Integrations
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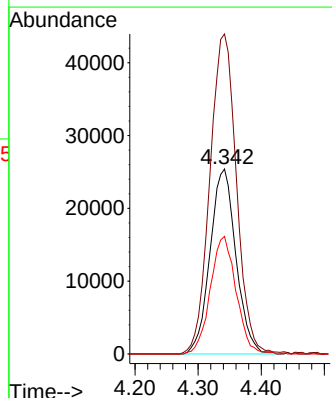
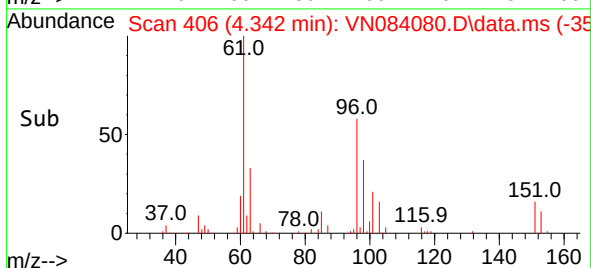
Reviewed By :John Carbone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

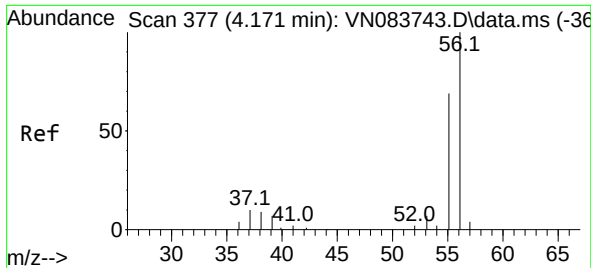


#12
1,1-Dichloroethene
Concen: 50.303 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20



Tgt Ion: 96 Resp: 72532
Ion Ratio Lower Upper
96 100
61 173.1 143.4 215.0
98 63.6 52.7 79.1





#13

Acrolein

Concen: 250.953 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN084080.D

Acq: 21 Sep 2024 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 66650

Ion Ratio Lower Upper

56 100

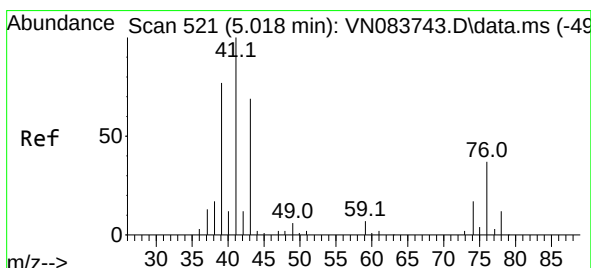
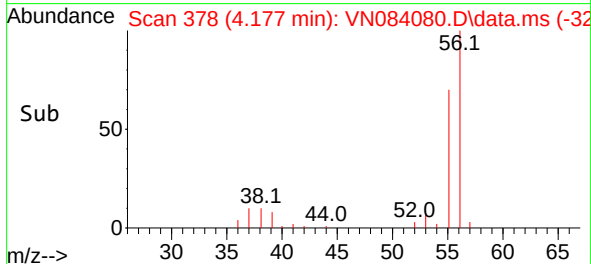
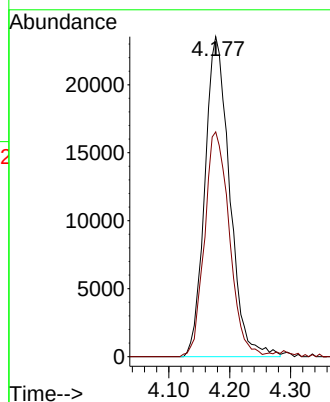
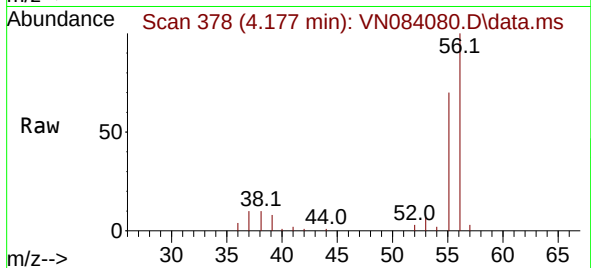
55 70.4 58.2 87.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#14

Allyl chloride

Concen: 51.161 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN084080.D

Acq: 21 Sep 2024 00:20

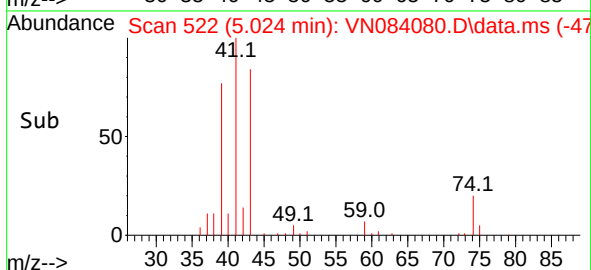
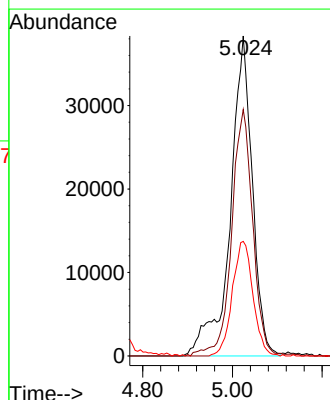
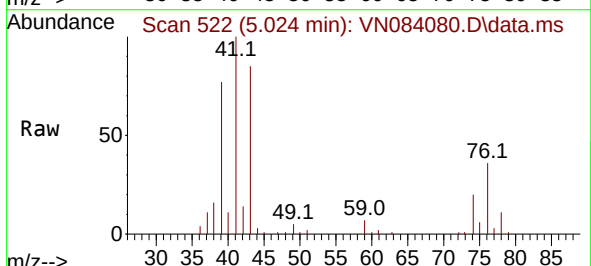
Tgt Ion: 41 Resp: 131446

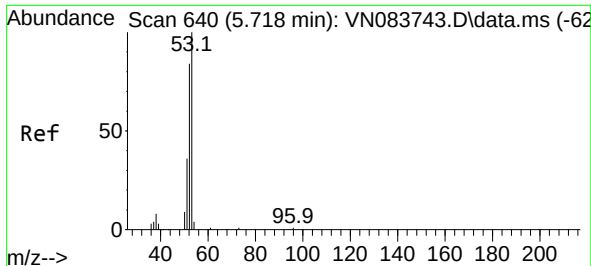
Ion Ratio Lower Upper

41 100

39 73.4 59.3 88.9

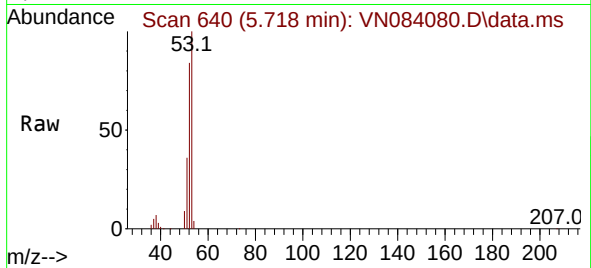
76 33.5 27.7 41.5





#15
Acrylonitrile
Concen: 303.460 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

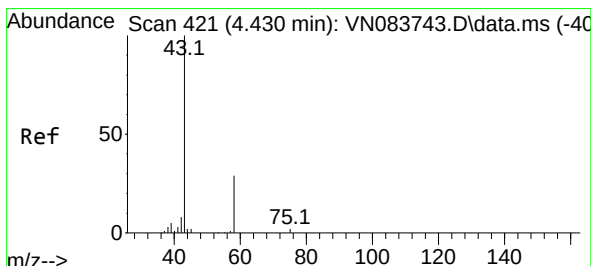
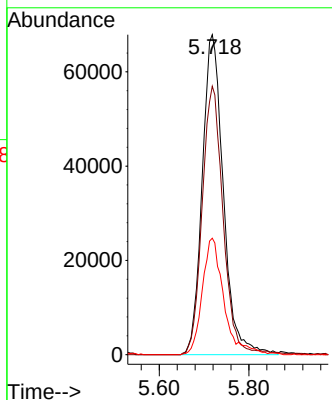
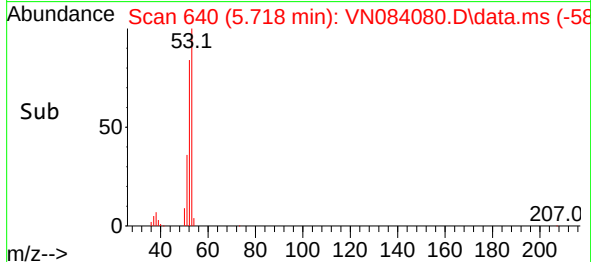
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



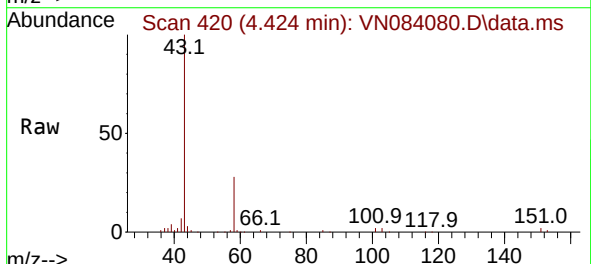
Tgt Ion: 53 Resp: 22214
Ion Ratio Lower Upper
53 100
52 83.0 66.1 99.1
51 37.0 29.6 44.4

Manual Integrations
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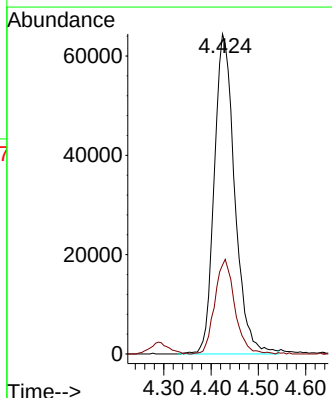
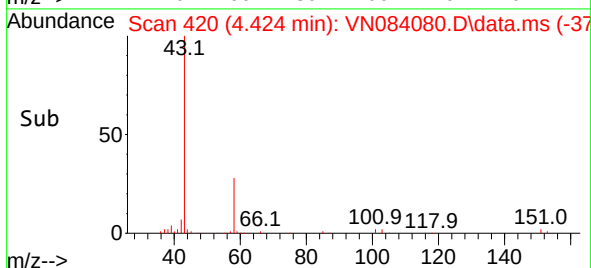
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

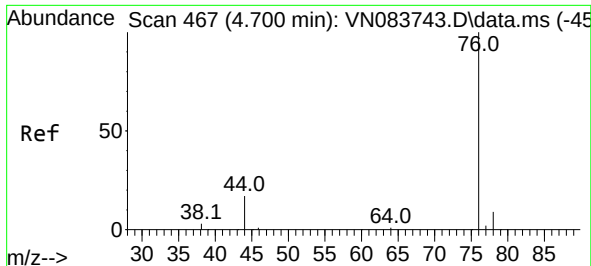


#16
Acetone
Concen: 240.315 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20



Tgt Ion: 43 Resp: 193650
Ion Ratio Lower Upper
43 100
58 27.4 23.7 35.5





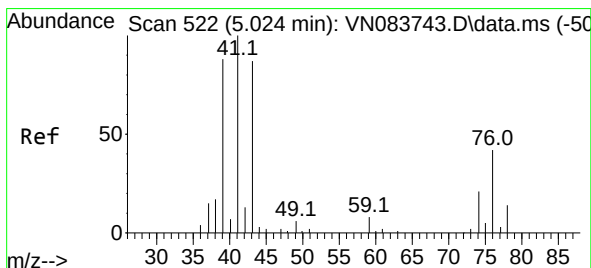
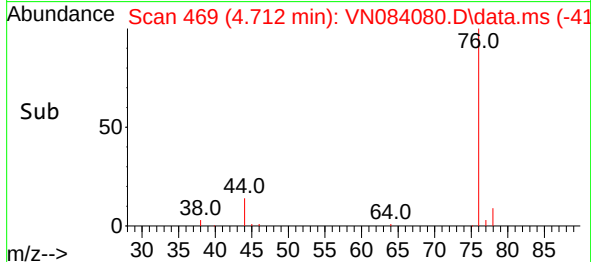
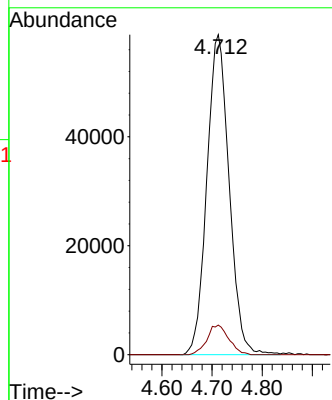
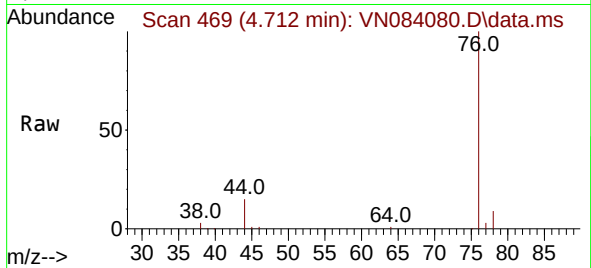
#17
Carbon Disulfide
Concen: 44.895 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 181080
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

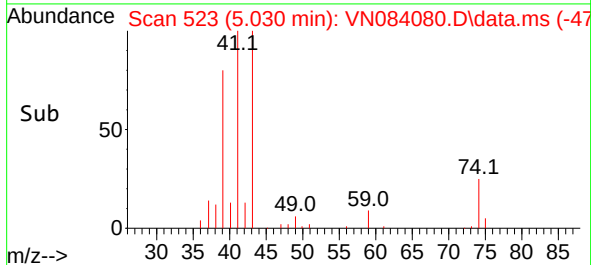
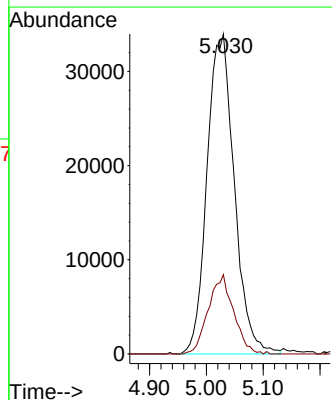
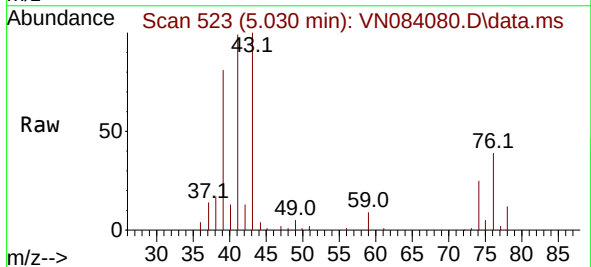
Manual Integrations
APPROVED

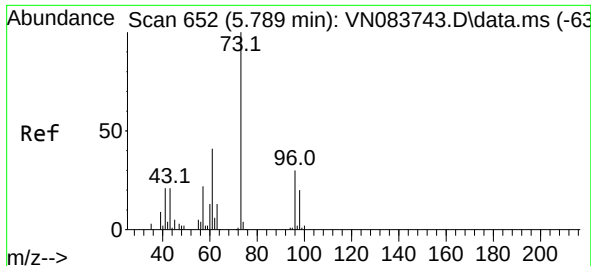
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#18
Methyl Acetate
Concen: 68.054 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Tgt Ion: 43 Resp: 113135
Ion Ratio Lower Upper
43 100
74 23.0 19.0 28.4





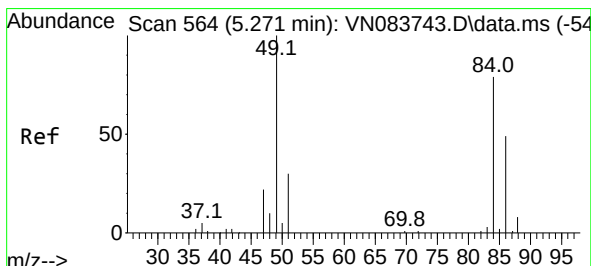
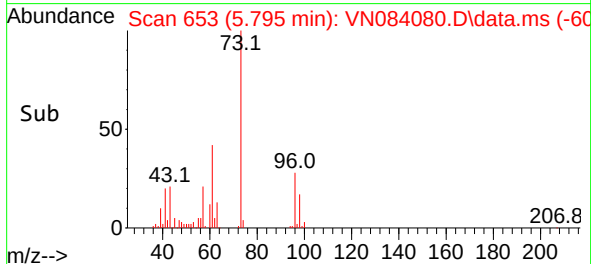
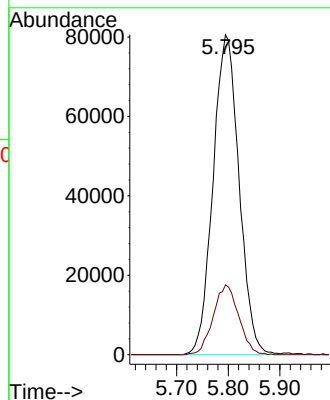
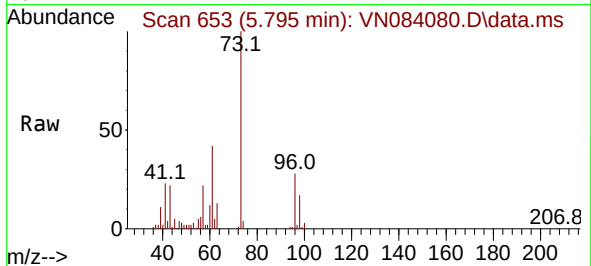
#19
Methyl tert-butyl Ether
Concen: 53.927 ug/l
RT: 5.795 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 281374
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6

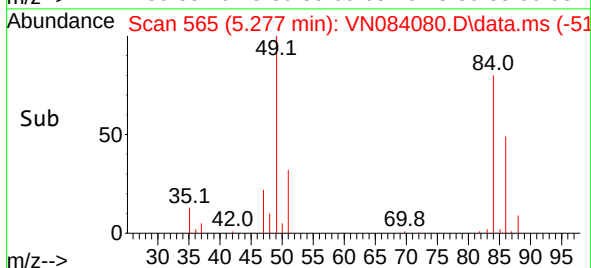
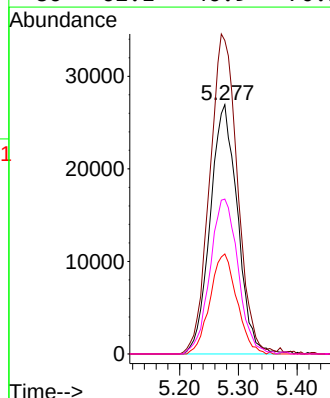
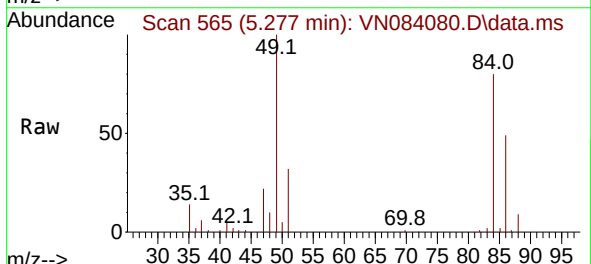
Manual Integrations
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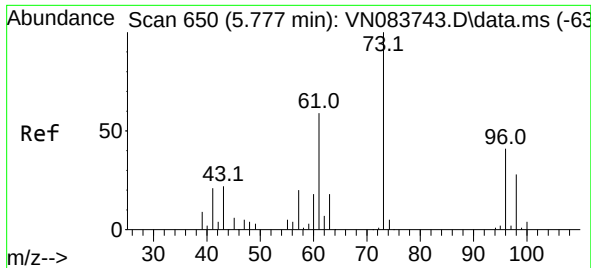
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#20
Methylene Chloride
Concen: 52.603 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Tgt Ion: 84 Resp: 86743
Ion Ratio Lower Upper
84 100
49 125.7 93.4 140.0
51 40.1 29.2 43.8
86 62.1 46.9 70.3





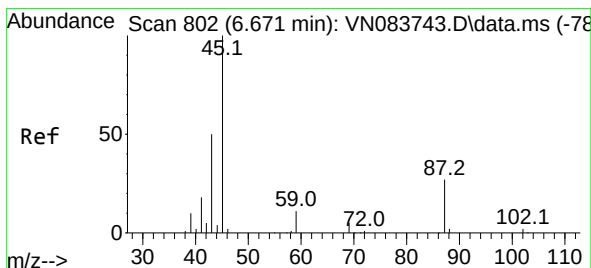
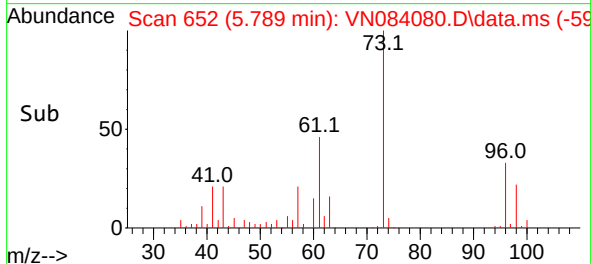
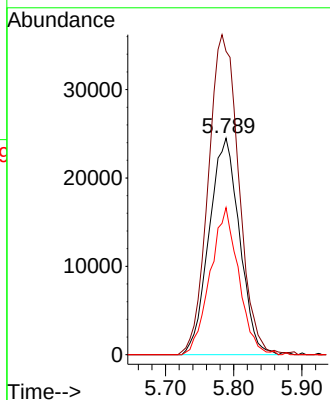
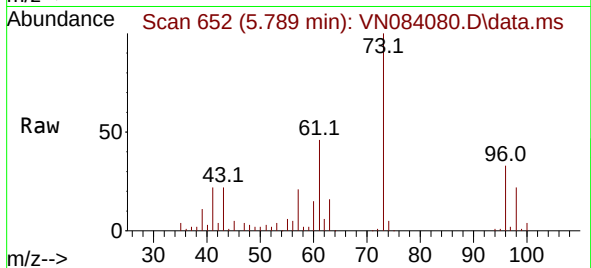
#21
trans-1,2-Dichloroethene
Concen: 49.226 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 7606
Ion Ratio Lower Upper
96 100
61 140.1 106.0 159.0
98 67.9 52.2 78.2

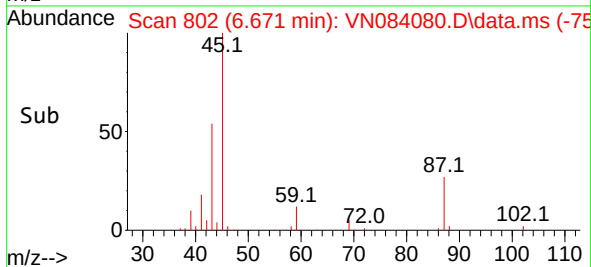
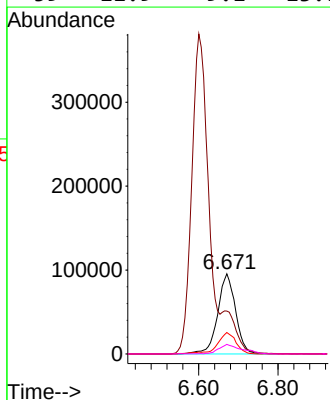
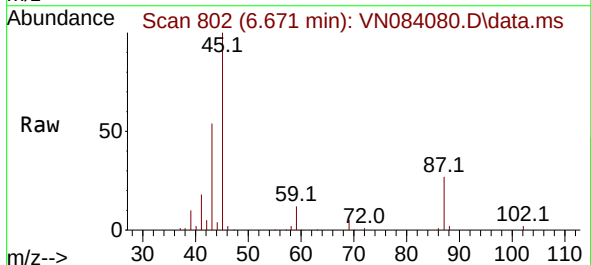
Manual Integrations
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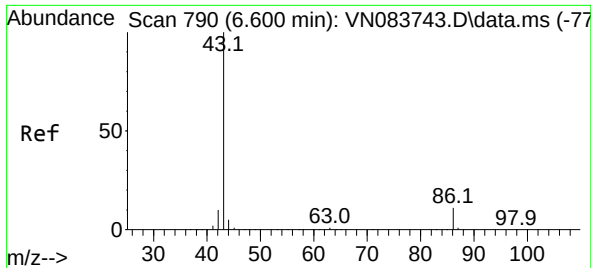
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#22
Diisopropyl ether
Concen: 56.516 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Tgt Ion: 45 Resp: 298910
Ion Ratio Lower Upper
45 100
43 53.1 43.4 65.0
87 26.7 22.6 33.8
59 11.9 9.1 13.7





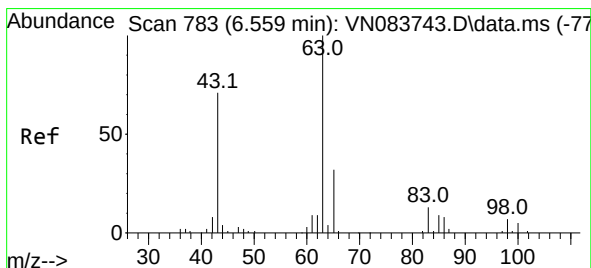
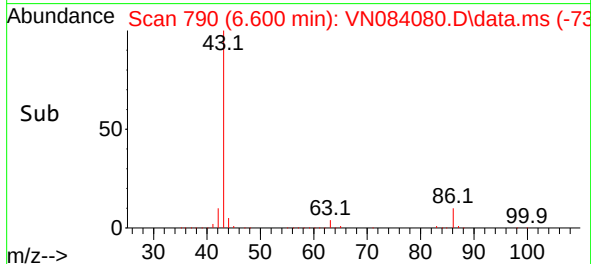
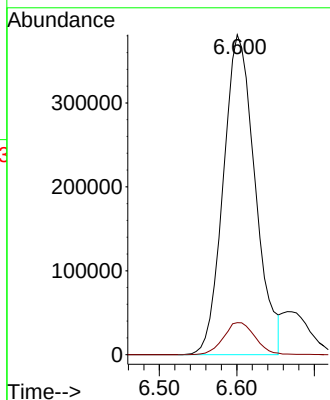
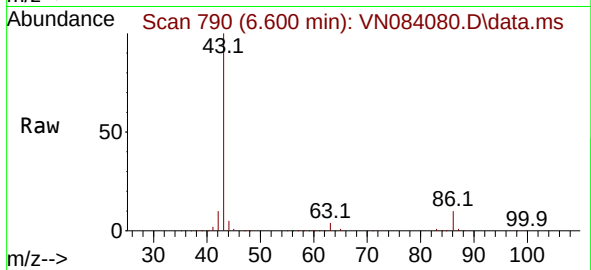
#23
 Vinyl Acetate
 Concen: 281.579 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN084080.D
 Acq: 21 Sep 2024 00:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1090600
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.7 13.1

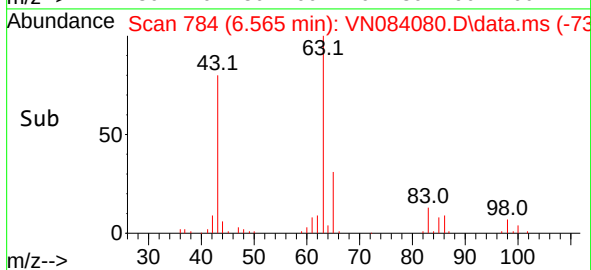
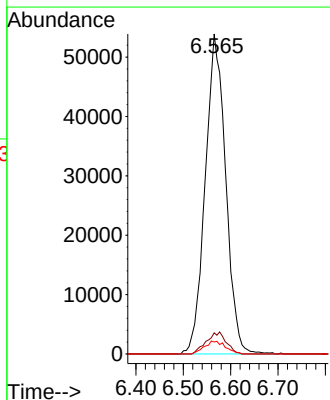
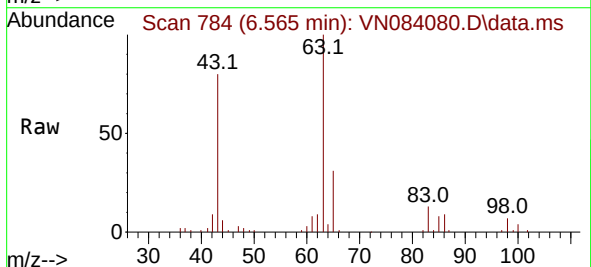
Manual Integrations
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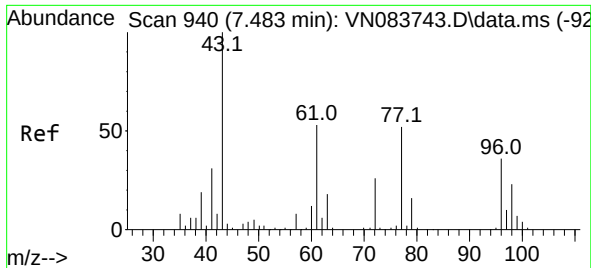
Reviewed By :John Carlone 09/23/2024
 Supervised By :Mahesh Dadoda 09/23/2024



#24
 1,1-Dichloroethane
 Concen: 53.090 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.006 min
 Lab File: VN084080.D
 Acq: 21 Sep 2024 00:20

Tgt Ion: 63 Resp: 161768
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 3.8 2.5 7.5





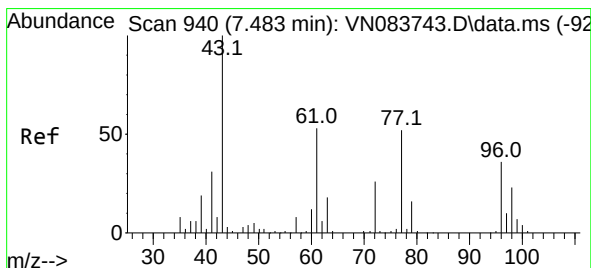
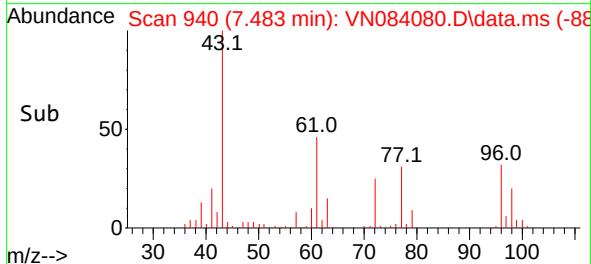
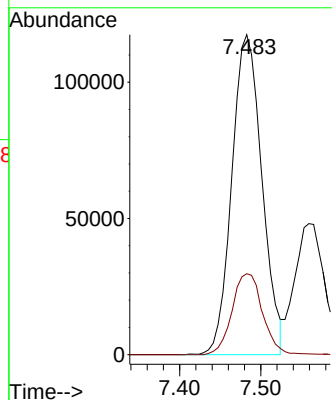
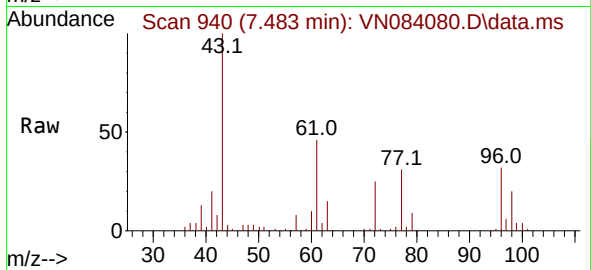
#25
2-Butanone
Concen: 285.787 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 30268
Ion Ratio Lower Upper
43 100
72 25.3 20.8 31.2

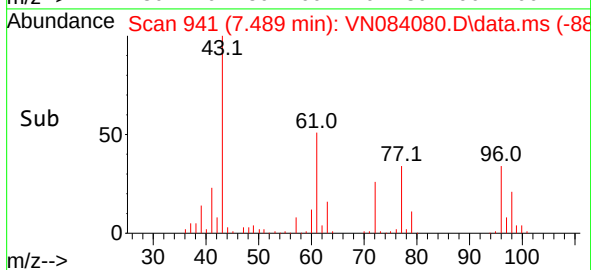
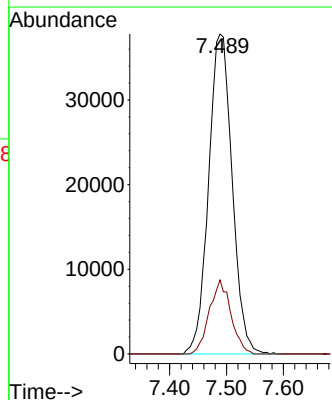
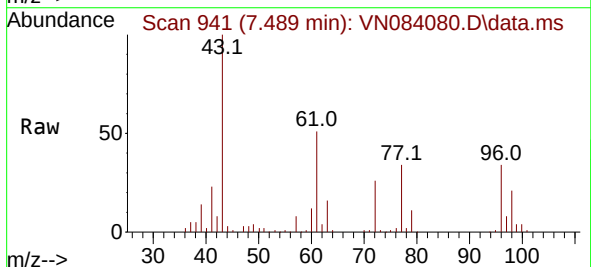
Manual Integrations
APPROVED

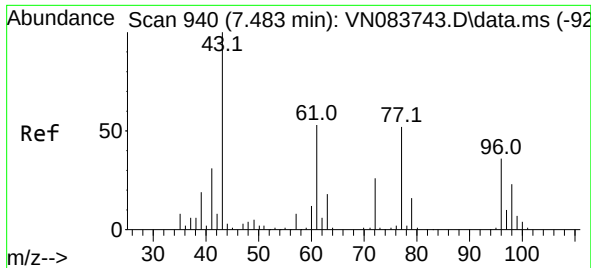
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#26
2,2-Dichloropropane
Concen: 38.776 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Tgt Ion: 77 Resp: 108810
Ion Ratio Lower Upper
77 100
97 21.1 10.2 30.4





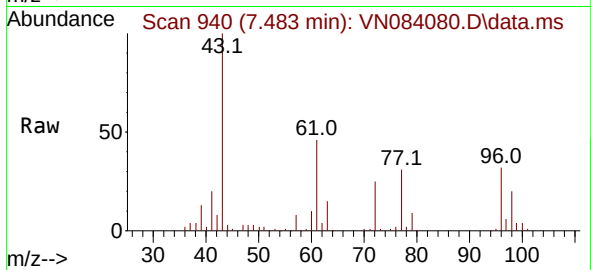
#27
 cis-1,2-Dichloroethene
 Concen: 54.094 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN084080.D
 Acq: 21 Sep 2024 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



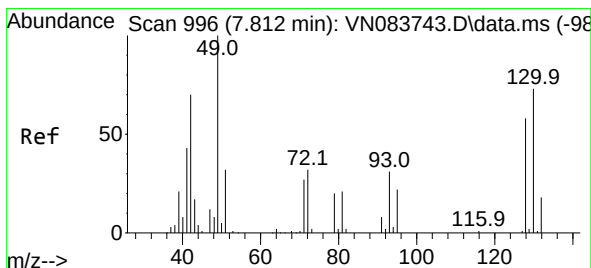
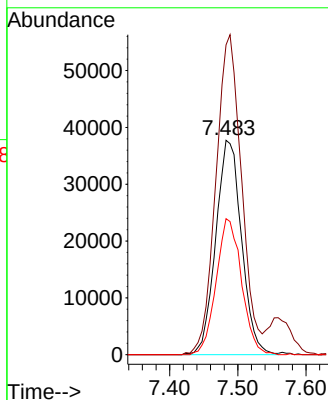
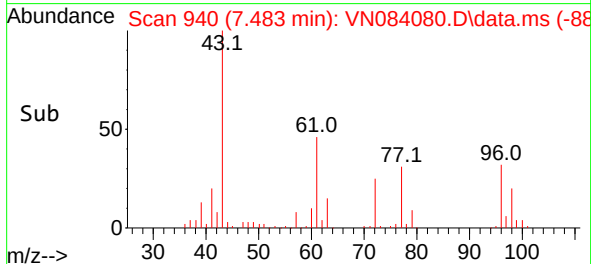
Tgt Ion: 96 Resp: 99229
 Ion Ratio Lower Upper
 96 100
 61 148.8 0.0 306.2
 98 62.5 0.0 128.6

Manual Integrations

APPROVED

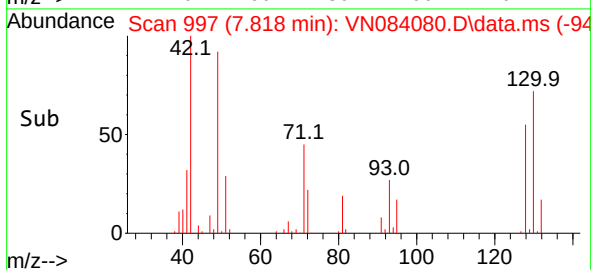
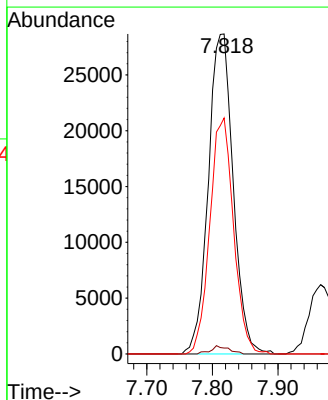
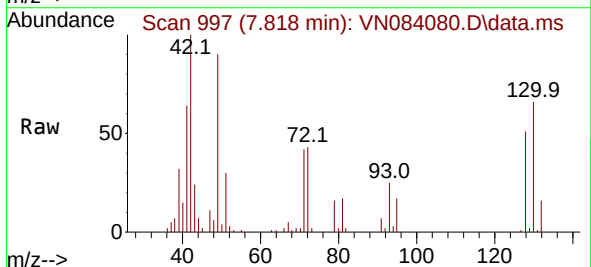
Reviewed By :John Carlone 09/23/2024

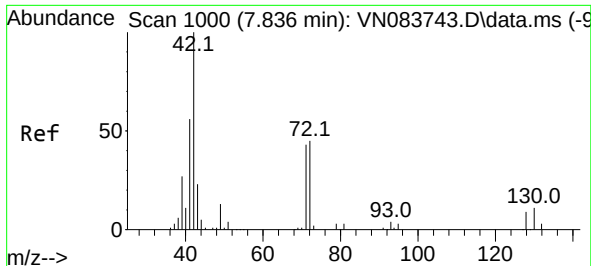
Supervised By :Mahesh Dadoda 09/23/2024



#28
 Bromochloromethane
 Concen: 58.847 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN084080.D
 Acq: 21 Sep 2024 00:20

Tgt Ion: 49 Resp: 75512
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 70.3 60.2 90.2





#29

Tetrahydrofuran

Concen: 313.087 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN084080.D

Acq: 21 Sep 2024 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

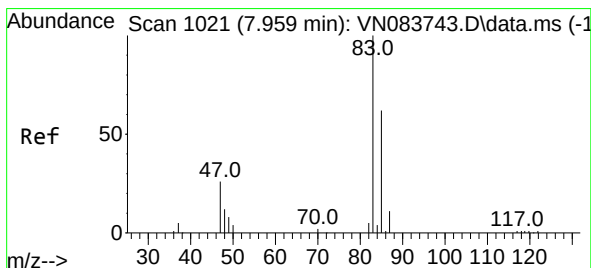
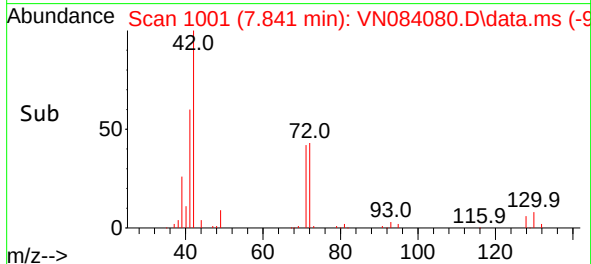
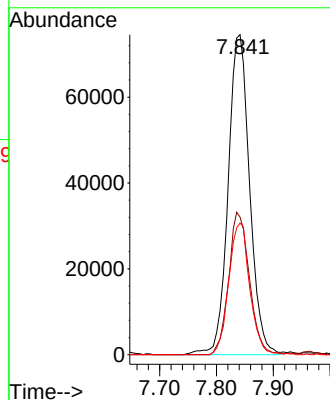
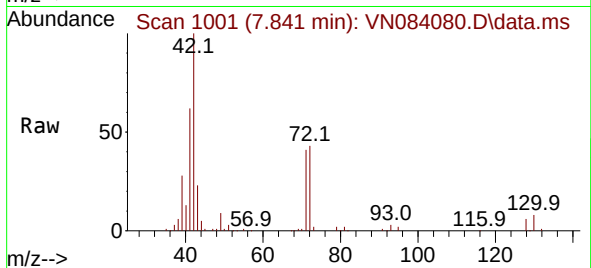
Tgt Ion:	42	Resp:	196070
Ion	Ratio	Lower	Upper
42	100		
72	42.9	35.9	53.9
71	40.0	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#30

Chloroform

Concen: 53.488 ug/l

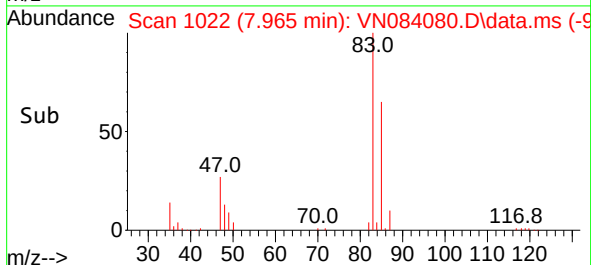
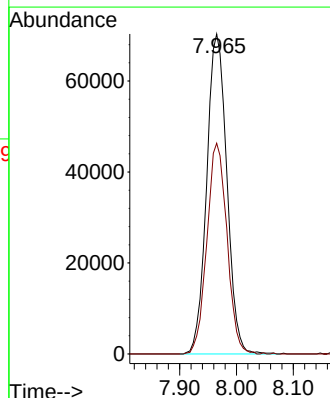
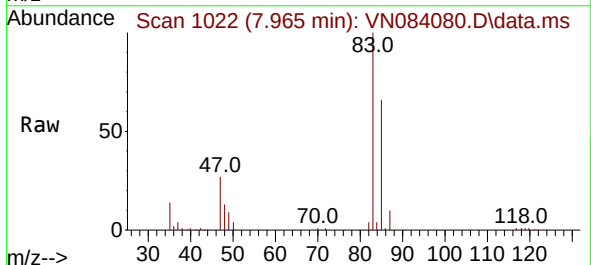
RT: 7.965 min Scan# 1022

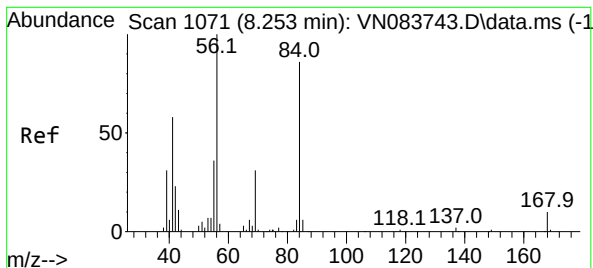
Delta R.T. 0.006 min

Lab File: VN084080.D

Acq: 21 Sep 2024 00:20

Tgt Ion:	83	Resp:	173029
Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.8	79.2





#31

Cyclohexane

Concen: 44.454 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN084080.D

Acq: 21 Sep 2024 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 129149

Ion Ratio Lower Upper

56 100

69 32.0 26.9 40.3

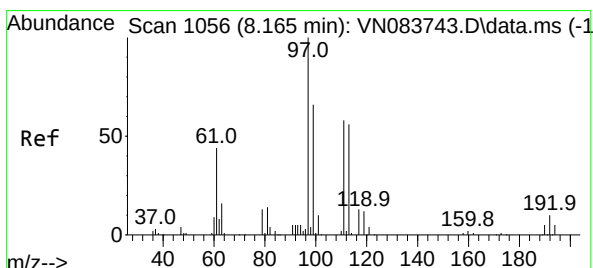
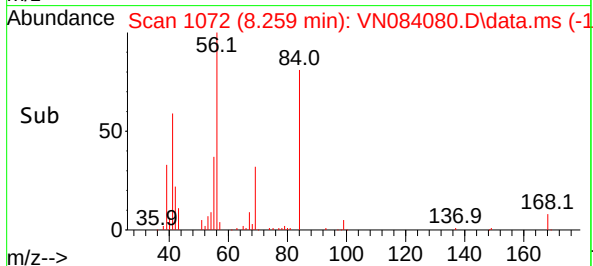
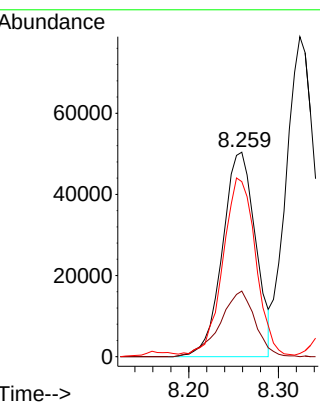
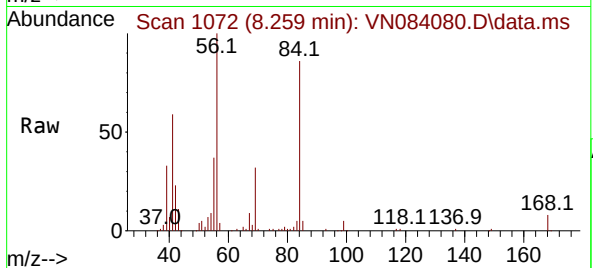
84 83.6 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#32

1,1,1-Trichloroethane

Concen: 53.268 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN084080.D

Acq: 21 Sep 2024 00:20

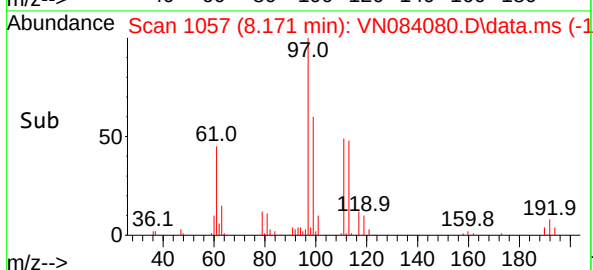
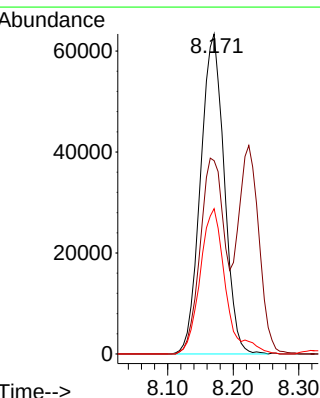
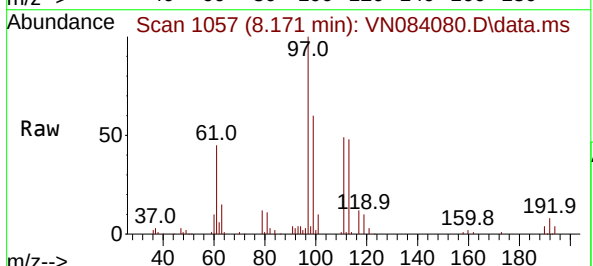
Tgt Ion: 97 Resp: 158444

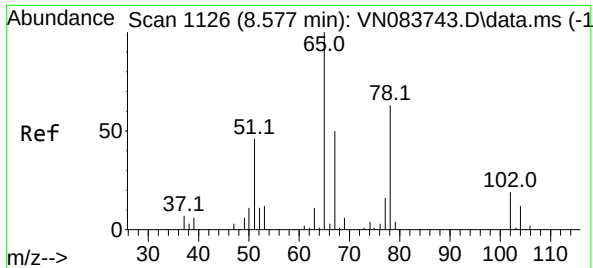
Ion Ratio Lower Upper

97 100

99 62.4 52.3 78.5

61 48.7 38.2 57.2





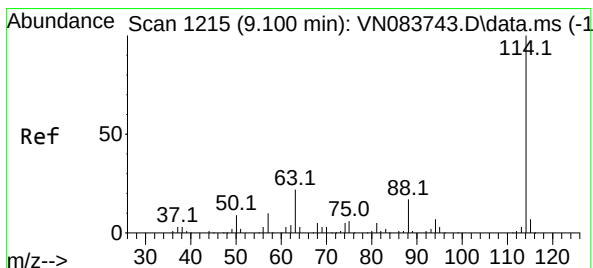
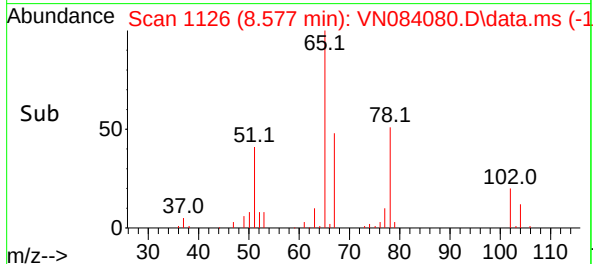
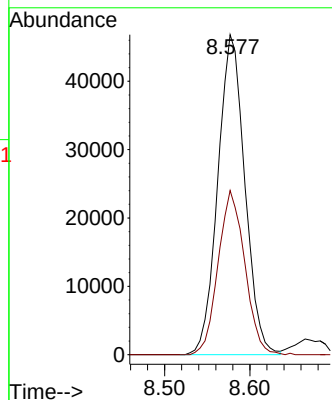
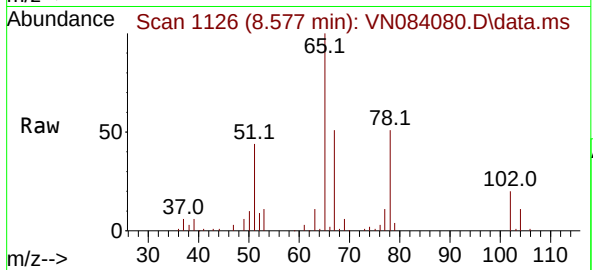
#33
1,2-Dichloroethane-d4
Concen: 51.284 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 103088
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.8

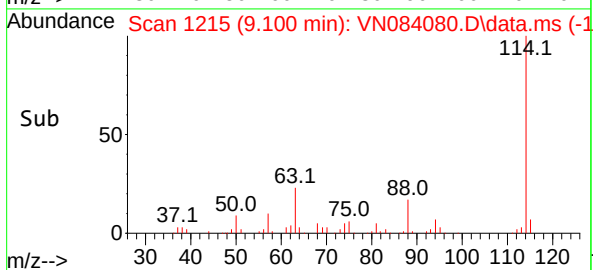
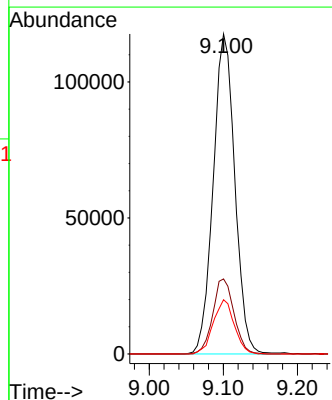
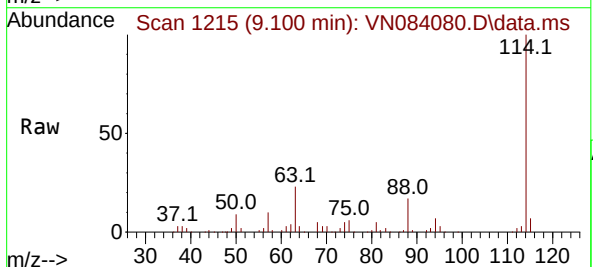
Manual Integrations
APPROVED

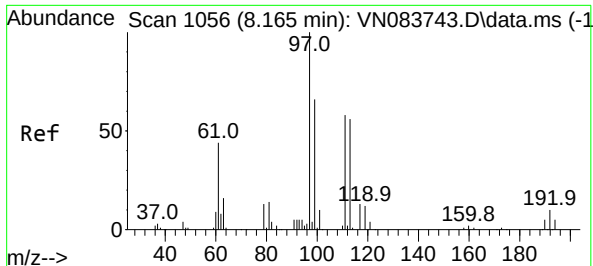
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Tgt Ion:114 Resp: 238373
Ion Ratio Lower Upper
114 100
63 23.5 0.0 43.4
88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.116 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084080.D

Acq: 21 Sep 2024 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

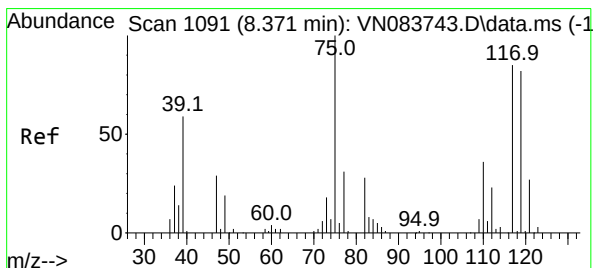
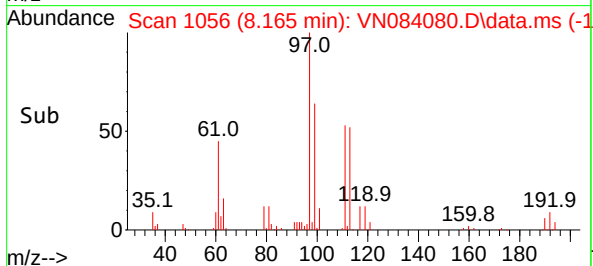
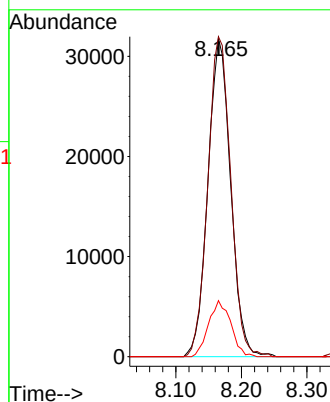
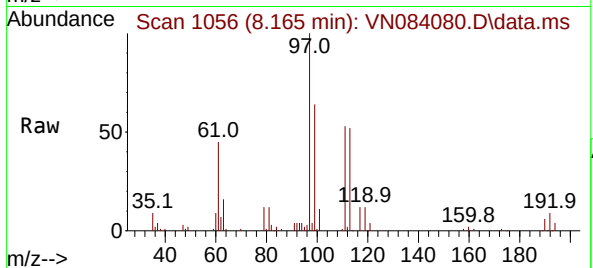
Tgt Ion:	113	Resp:	76479
Ion Ratio	Lower	Upper	
113	100		
111	101.4	82.6	124.0
192	17.3	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#36

1,1-Dichloropropene

Concen: 50.425 ug/l

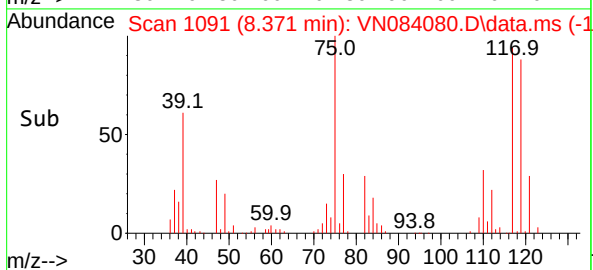
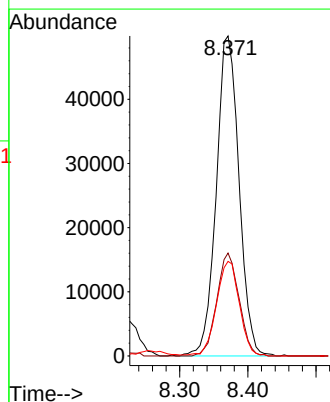
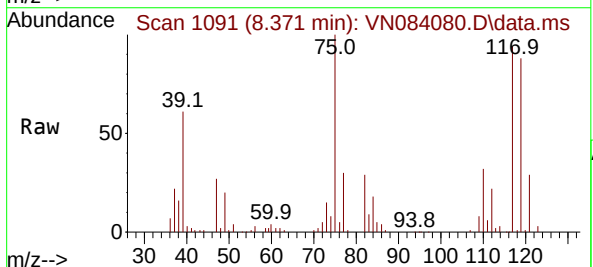
RT: 8.371 min Scan# 1091

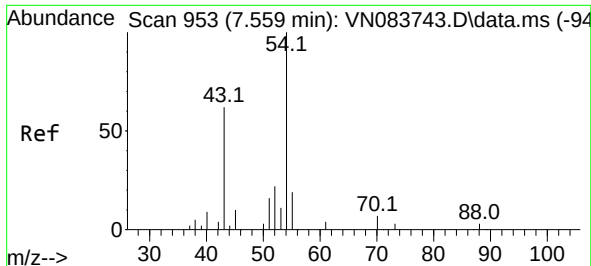
Delta R.T. 0.000 min

Lab File: VN084080.D

Acq: 21 Sep 2024 00:20

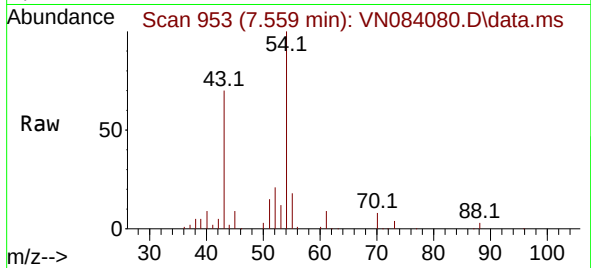
Tgt Ion:	75	Resp:	115821
Ion Ratio	Lower	Upper	
75	100		
110	31.4	16.7	50.1
77	29.8	25.2	37.8





#37
Ethyl Acetate
Concen: 61.358 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

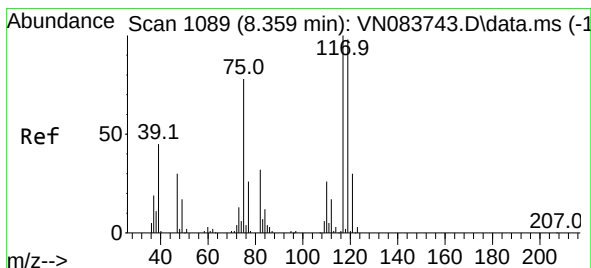
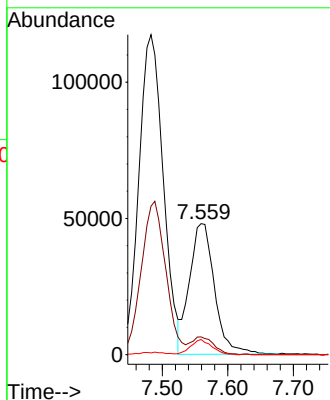
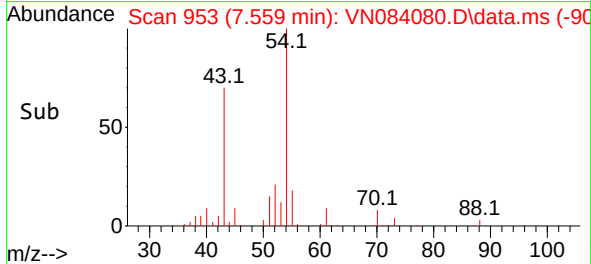
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 127920
Ion Ratio Lower Upper
43 100
61 12.3 11.1 16.7
70 9.7 8.8 13.2

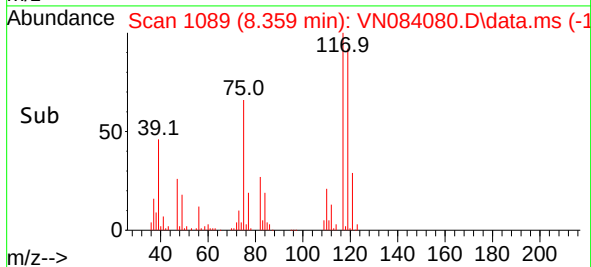
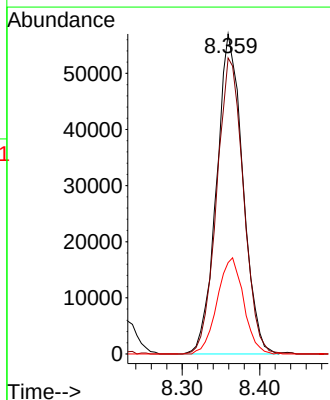
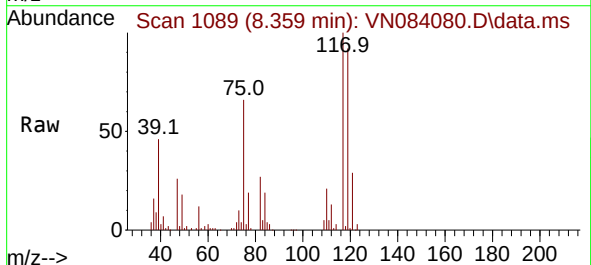
Manual Integrations
APPROVED

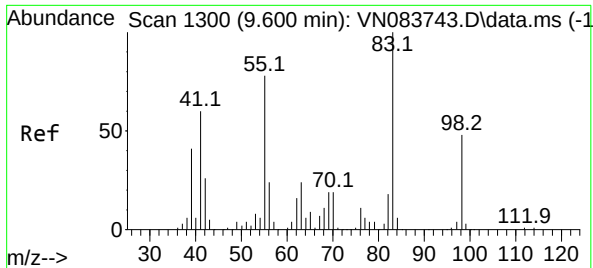
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#38
Carbon Tetrachloride
Concen: 51.548 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Tgt Ion:117 Resp: 134325
Ion Ratio Lower Upper
117 100
119 92.5 76.1 114.1
121 28.5 24.1 36.1





#39

Methylcyclohexane

Concen: 46.869 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN084080.D

Acq: 21 Sep 2024 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 12253

Ion Ratio Lower Upper

83 100

55 83.6 62.2 93.4

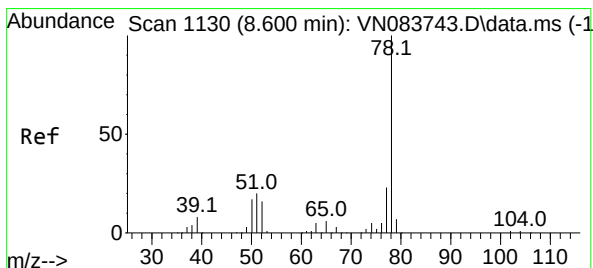
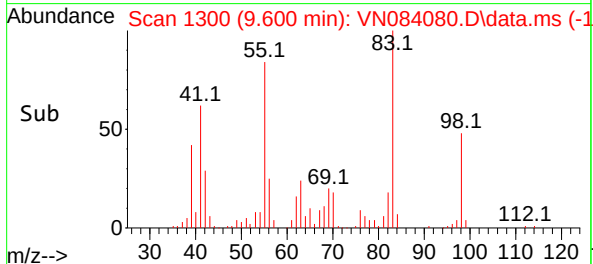
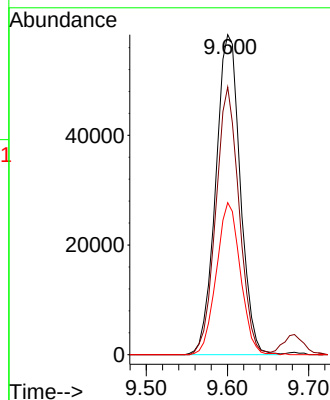
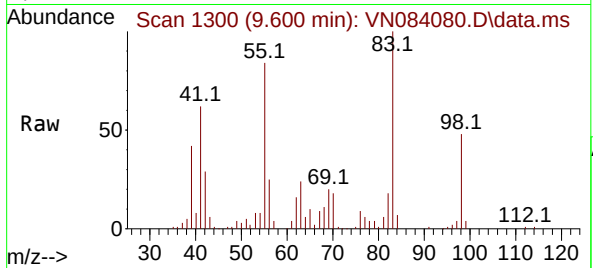
98 47.5 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#40

Benzene

Concen: 51.335 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN084080.D

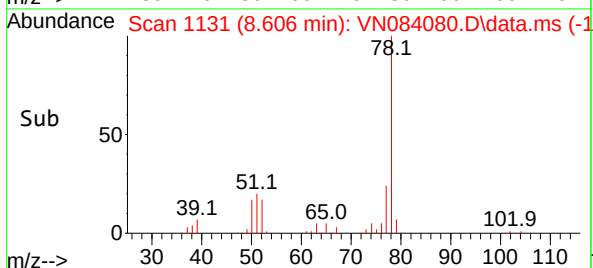
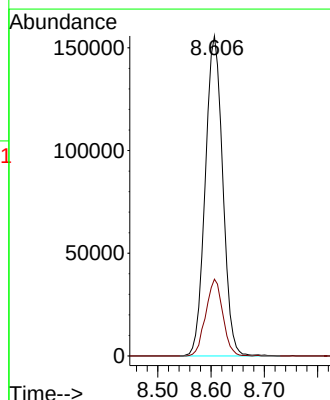
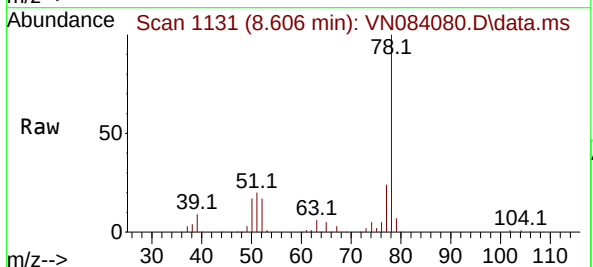
Acq: 21 Sep 2024 00:20

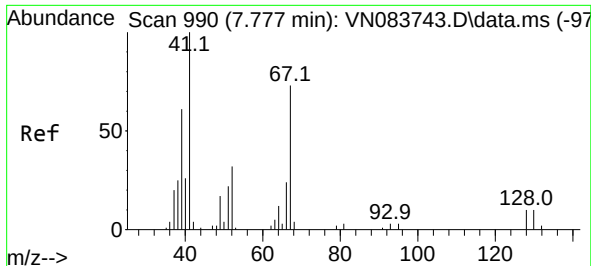
Tgt Ion: 78 Resp: 354902

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 58.685 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

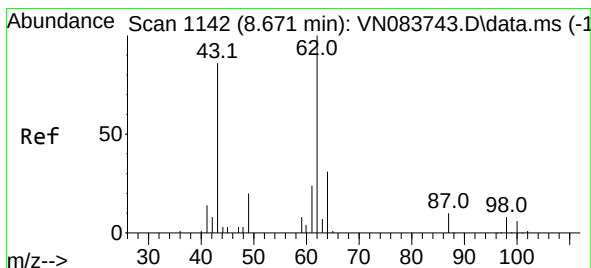
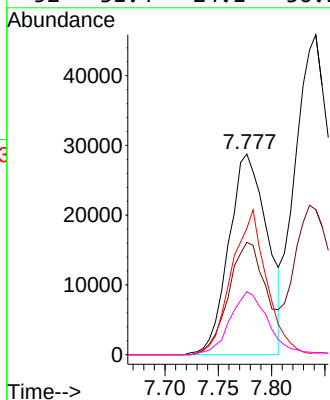
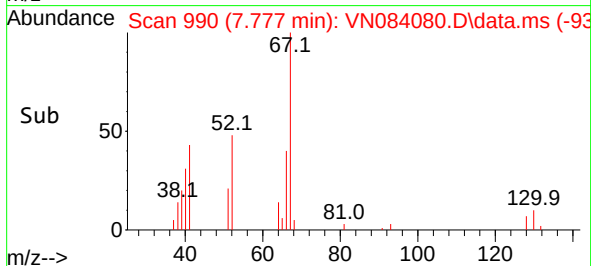
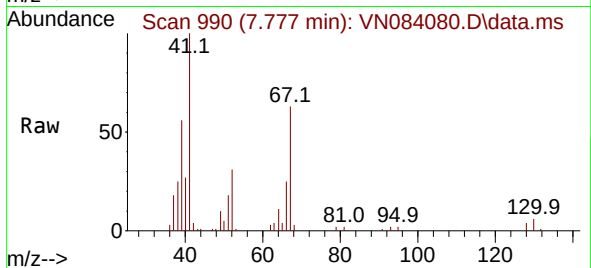
Tgt Ion: 41	Resp: 72360
Ion Ratio	Lower Upper
41 100	
39 54.9	45.4 68.2
67 65.5	55.9 83.9
52 31.4	24.1 36.1

Manual Integrations

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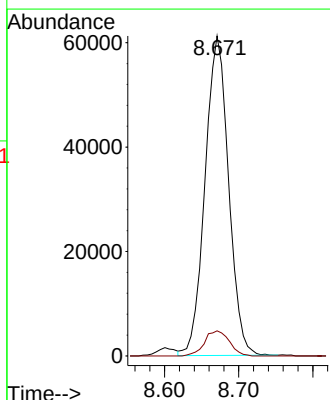
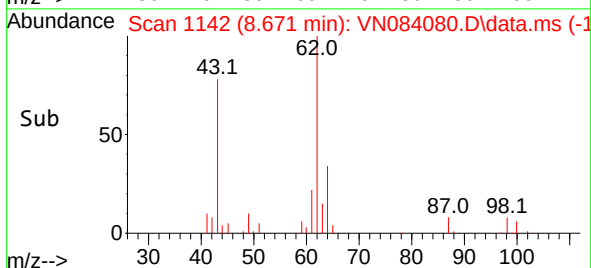
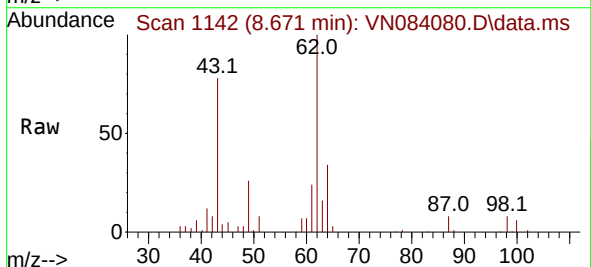
Reviewed By :John Carlone 09/23/2024

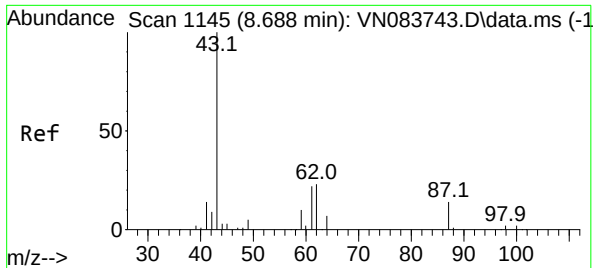
Supervised By :Mahesh Dadoda 09/23/2024



#42
1,2-Dichloroethane
Concen: 52.249 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Tgt Ion: 62	Resp: 134975
Ion Ratio	Lower Upper
62 100	
98 8.3	0.0 16.6





#43

Isopropyl Acetate

Concen: 61.330 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084080.D

Acq: 21 Sep 2024 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 23171

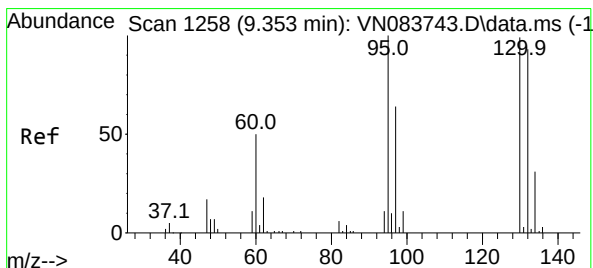
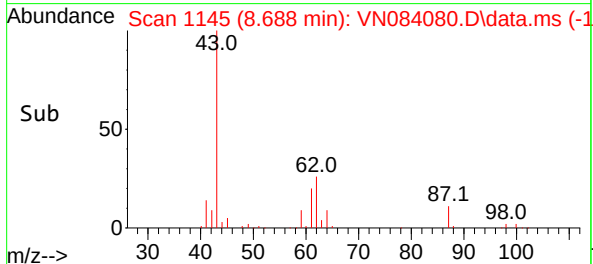
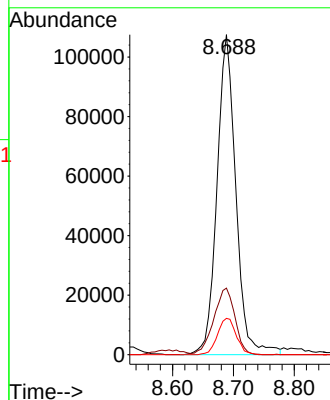
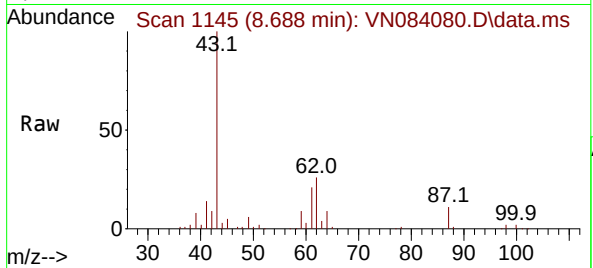
Ion	Ratio	Lower	Upper
43	100		
61	23.3	19.4	29.0
87	11.3	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#44

Trichloroethene

Concen: 49.881 ug/l

RT: 9.353 min Scan# 1258

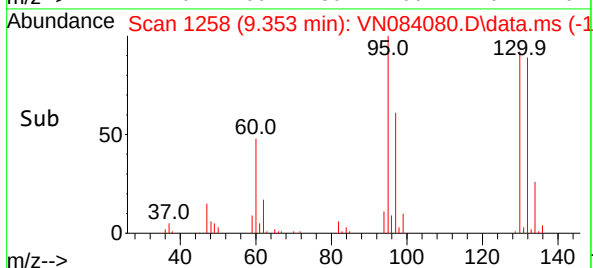
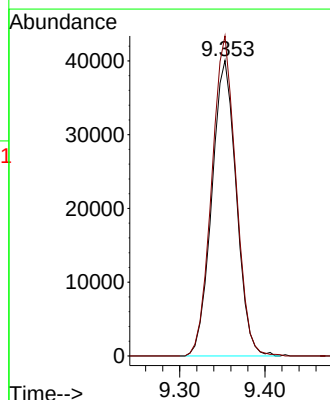
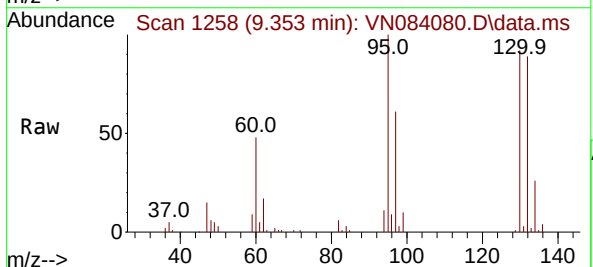
Delta R.T. 0.000 min

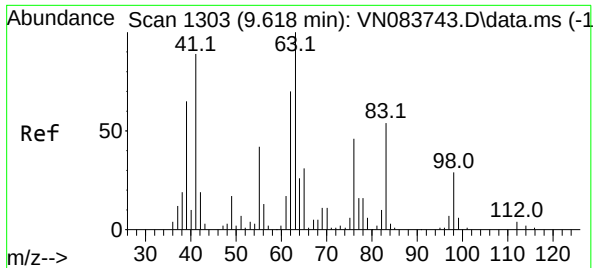
Lab File: VN084080.D

Acq: 21 Sep 2024 00:20

Tgt Ion:130 Resp: 79857

Ion	Ratio	Lower	Upper
130	100		
95	108.3	0.0	200.4





#45

1,2-Dichloropropane

Concen: 54.138 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN084080.D

Acq: 21 Sep 2024 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 90460

Ion Ratio Lower Upper

63 100

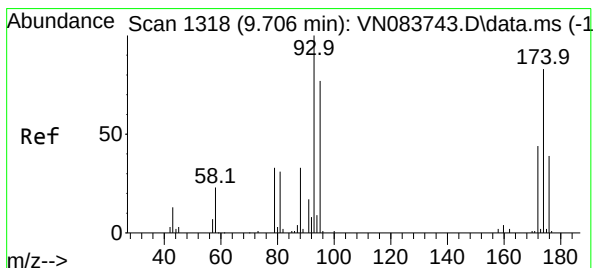
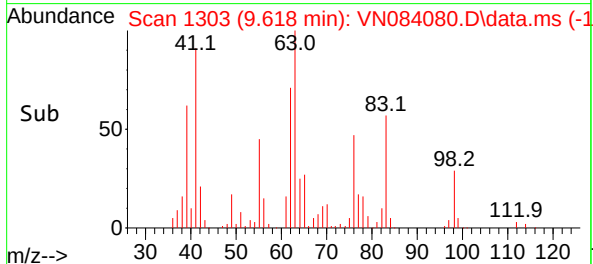
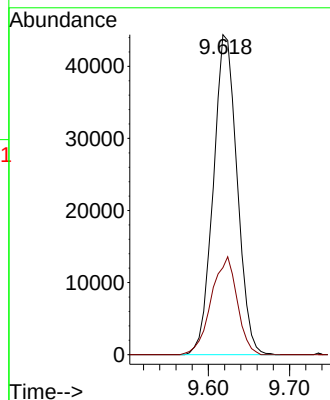
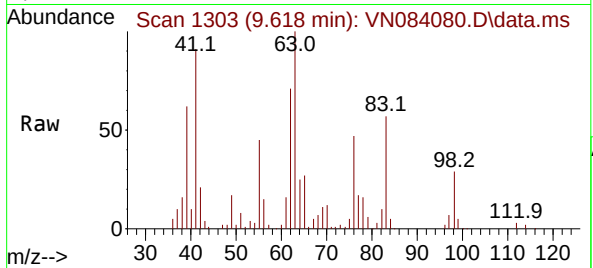
65 27.2 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#46

Dibromomethane

Concen: 54.362 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN084080.D

Acq: 21 Sep 2024 00:20

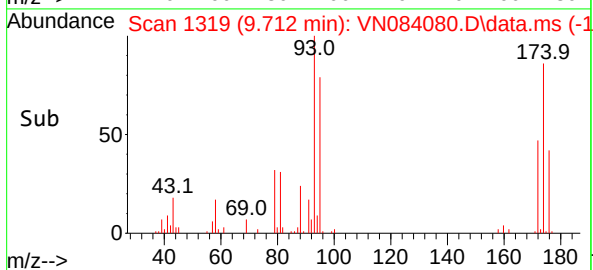
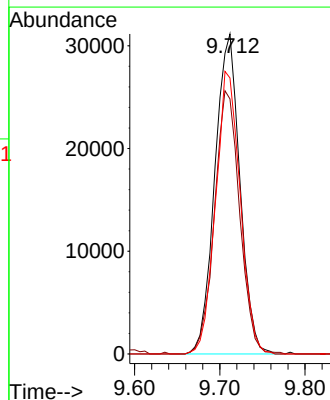
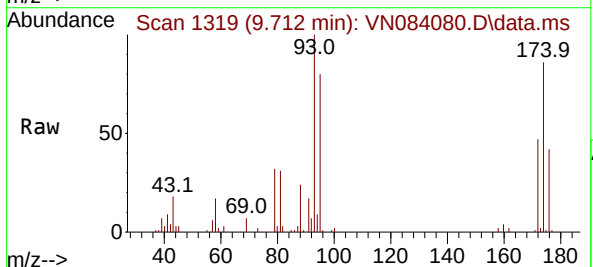
Tgt Ion: 93 Resp: 63624

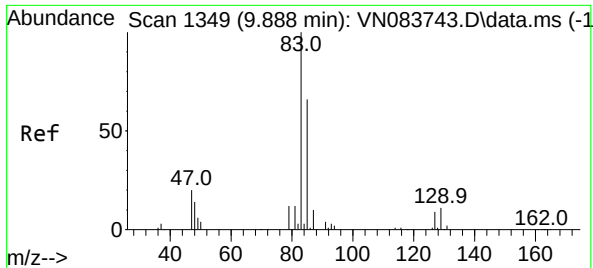
Ion Ratio Lower Upper

93 100

95 82.6 65.3 97.9

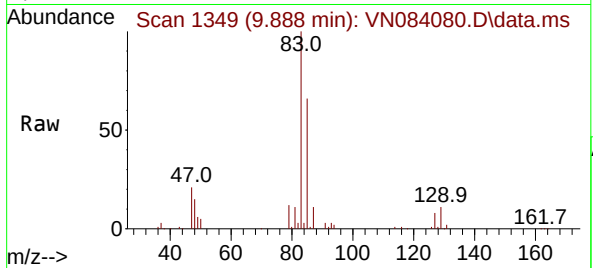
174 86.9 71.0 106.4





#47
Bromodichloromethane
Concen: 55.803 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

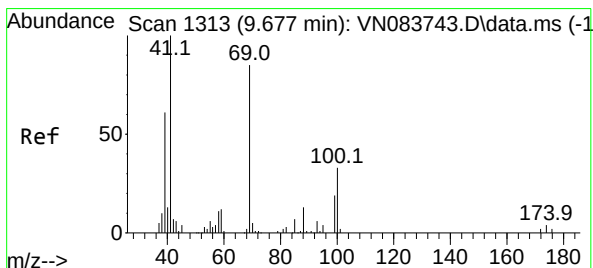
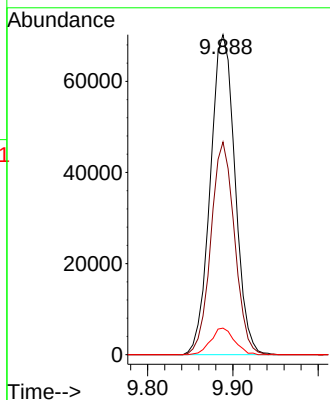
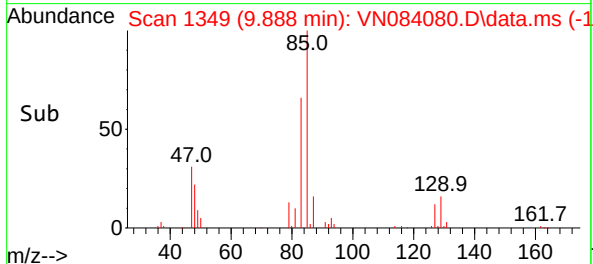
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 141344
Ion Ratio Lower Upper
83 100
85 66.4 51.8 77.8
127 8.3 6.6 9.8

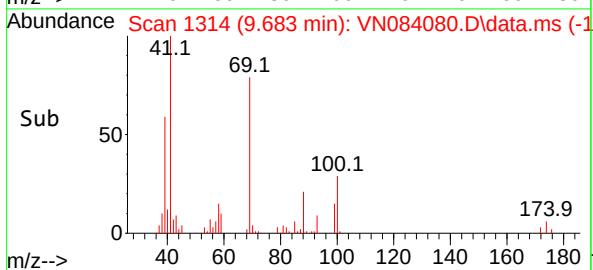
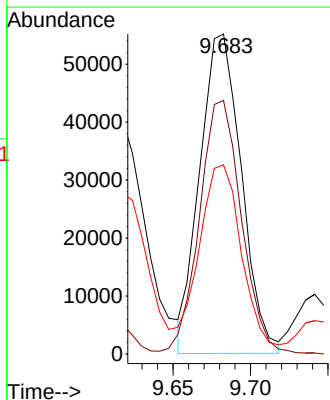
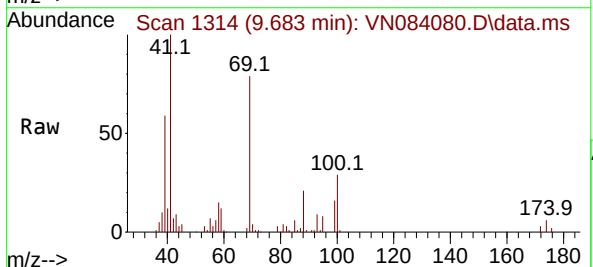
Manual Integrations
APPROVED

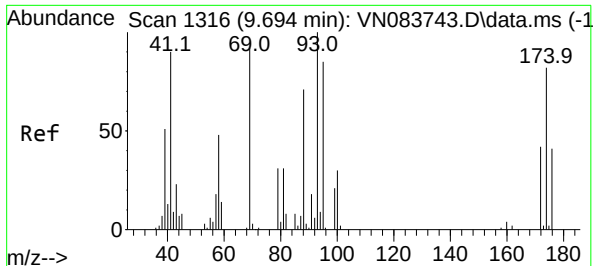
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#48
Methyl methacrylate
Concen: 57.390 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Tgt Ion: 41 Resp: 102871
Ion Ratio Lower Upper
41 100
69 80.2 64.3 96.5
39 61.9 48.9 73.3





#49

1,4-Dioxane

Concen: 1205.049 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN084080.D

Acq: 21 Sep 2024 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 35534

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

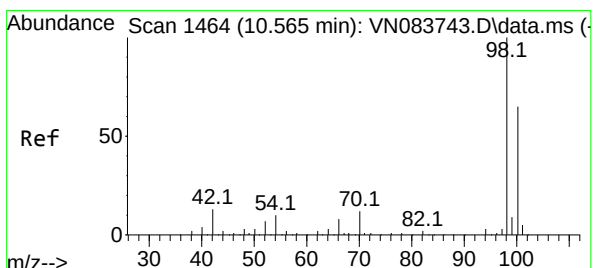
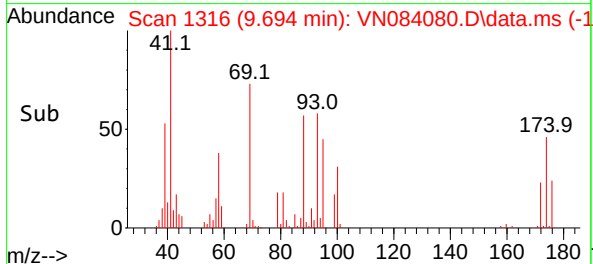
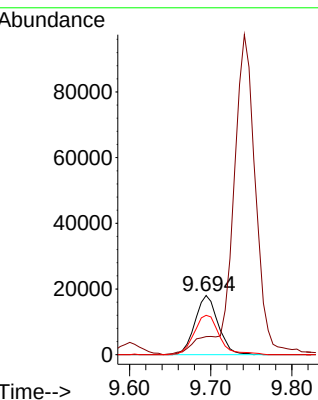
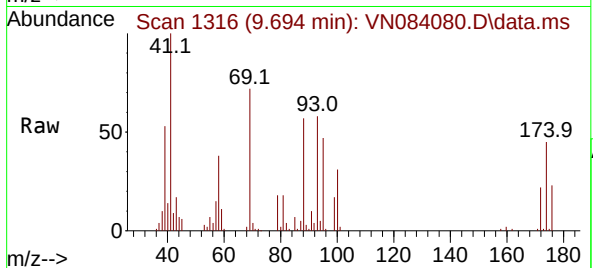
58 73.3 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#50

Toluene-d8

Concen: 51.558 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084080.D

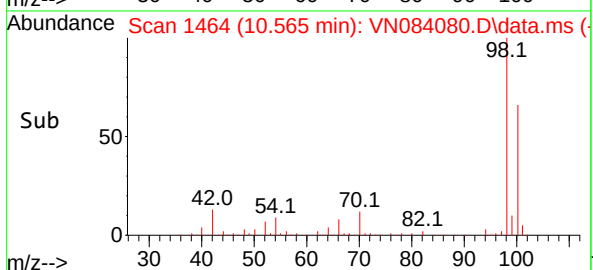
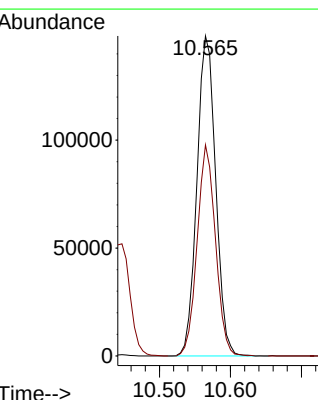
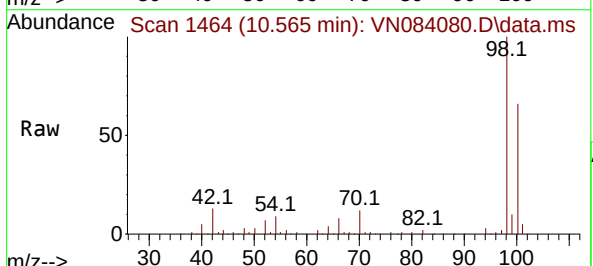
Acq: 21 Sep 2024 00:20

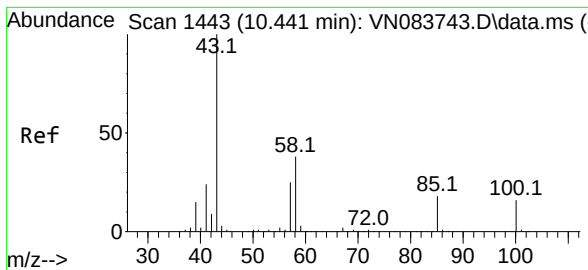
Tgt Ion: 98 Resp: 272000

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0





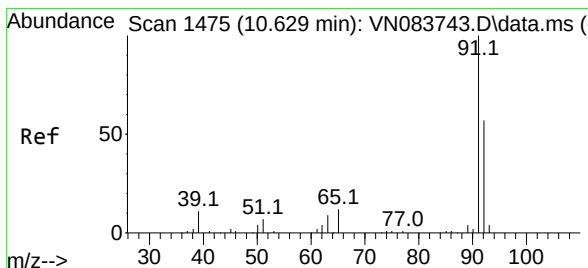
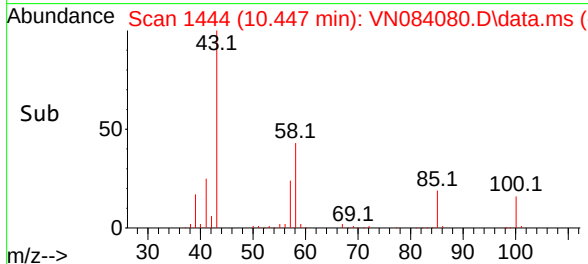
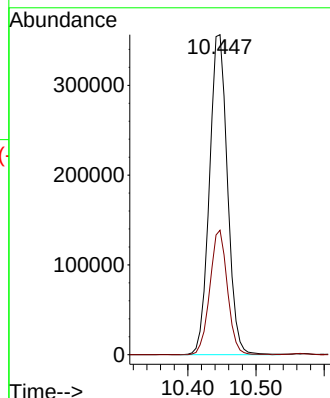
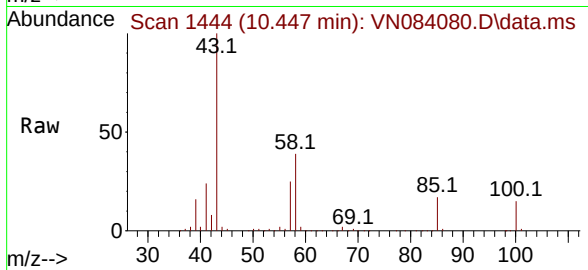
#51
4-Methyl-2-Pentanone
Concen: 319.082 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 65623
Ion Ratio Lower Upper
43 100
58 37.8 31.6 47.4

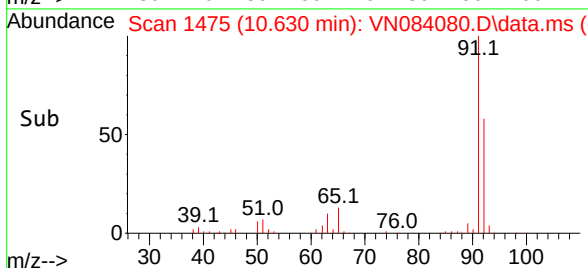
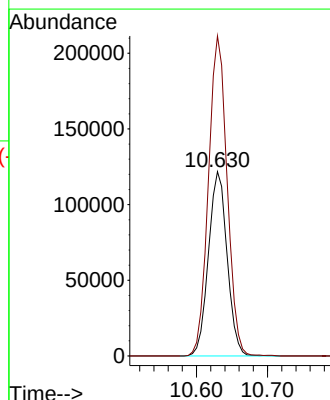
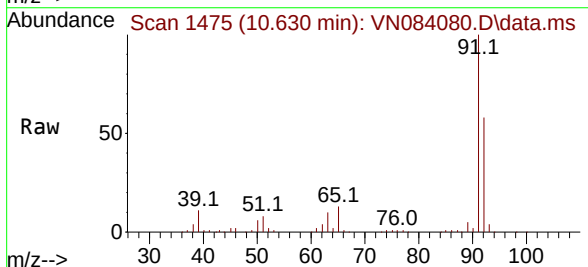
Manual Integrations
APPROVED

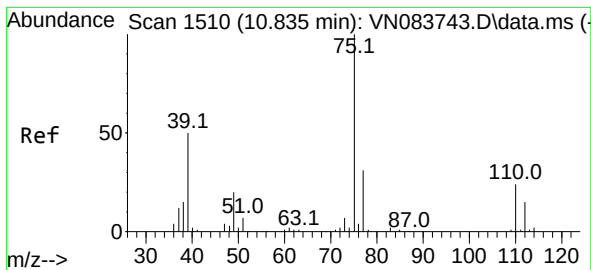
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#52
Toluene
Concen: 52.528 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

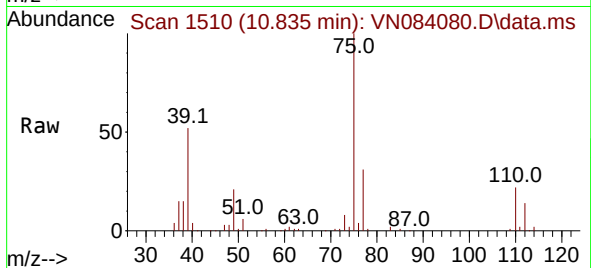
Tgt Ion: 92 Resp: 222127
Ion Ratio Lower Upper
92 100
91 173.9 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 52.423 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

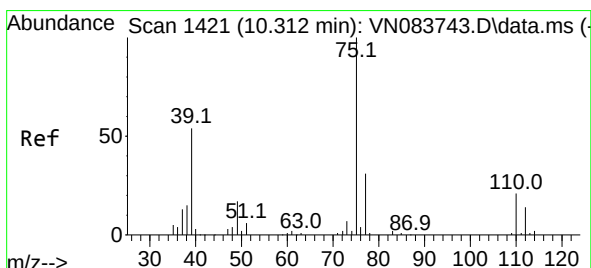
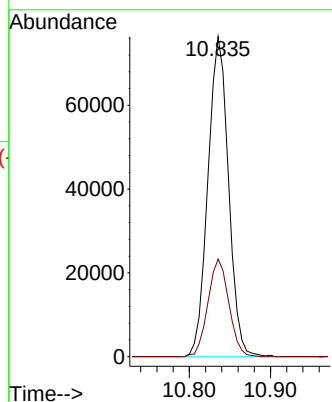
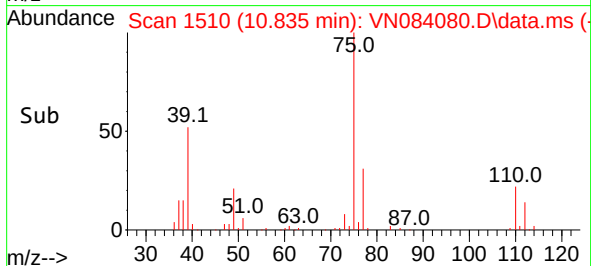
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



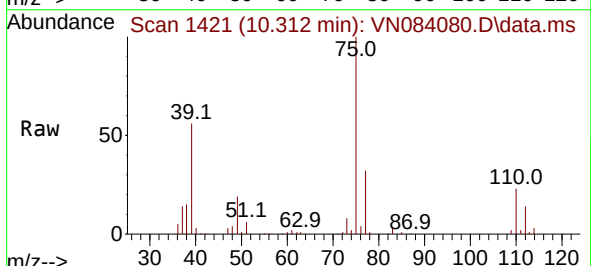
Tgt Ion: 75 Resp: 13459
Ion Ratio Lower Upper
75 100
77 30.5 25.8 38.6

Manual Integrations
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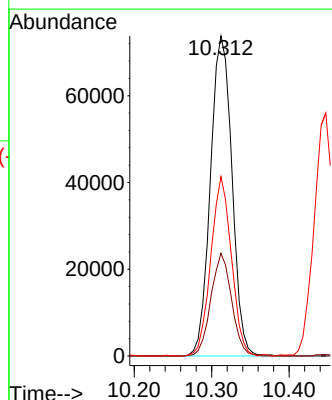
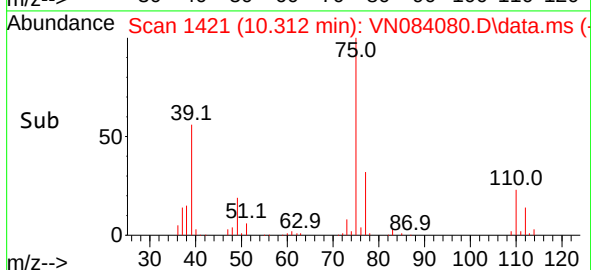
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

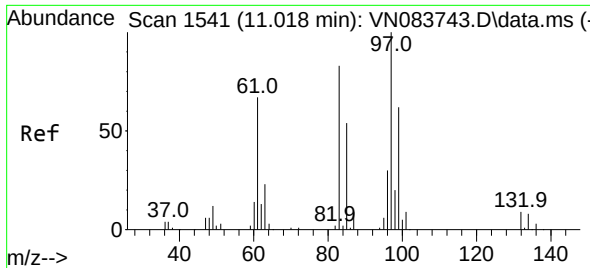


#54
cis-1,3-Dichloropropene
Concen: 52.760 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20



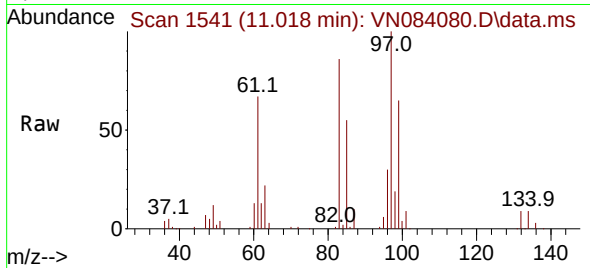
Tgt Ion: 75 Resp: 142288
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.6
39 56.1 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 54.389 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

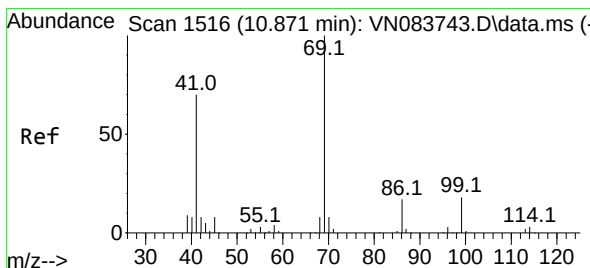
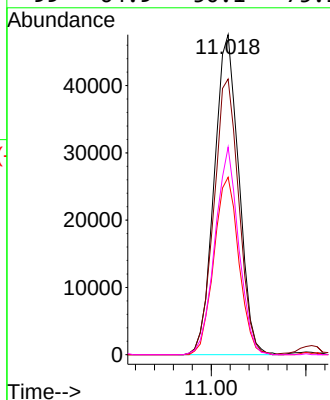
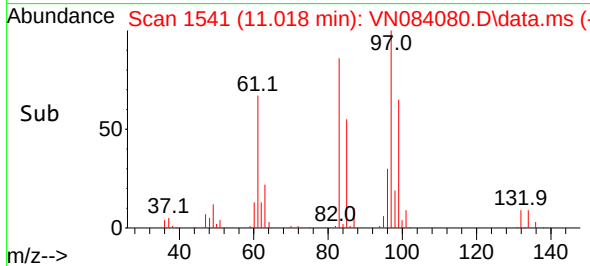
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



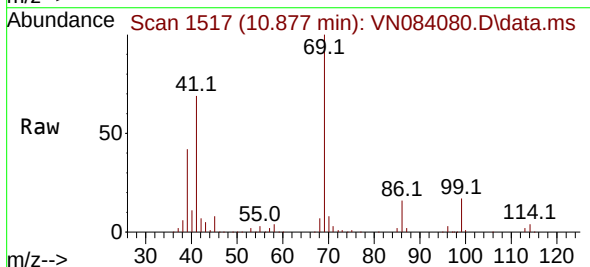
Tgt Ion: 97 Resp: 8586
Ion Ratio Lower Upper
97 100
83 86.1 67.5 101.3
85 55.4 44.2 66.2
99 64.9 50.1 75.1

Manual Integrations
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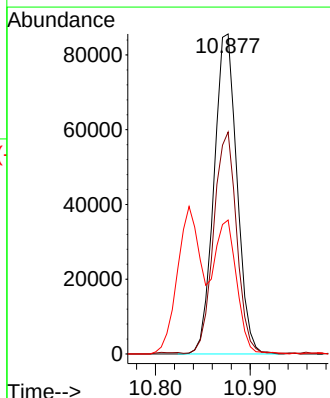
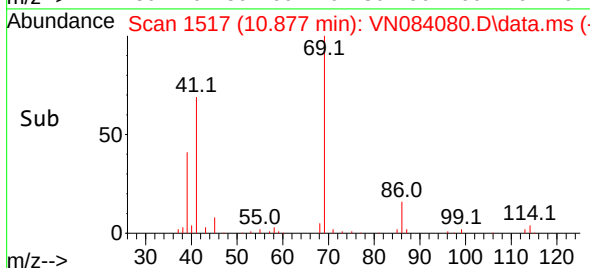
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

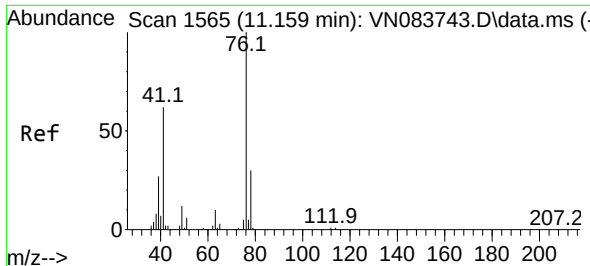


#56
Ethyl methacrylate
Concen: 59.468 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20



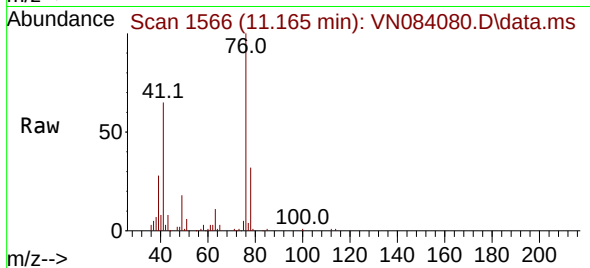
Tgt Ion: 69 Resp: 144443
Ion Ratio Lower Upper
69 100
41 69.0 53.9 80.9
39 41.7 32.6 48.8





#57
1,3-Dichloropropane
Concen: 55.281 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

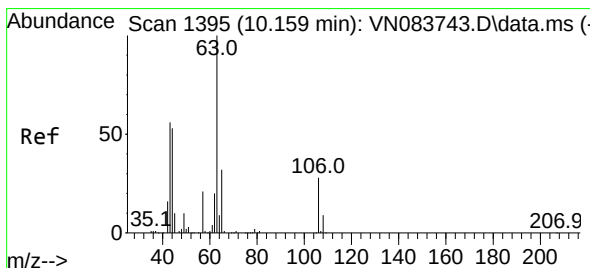
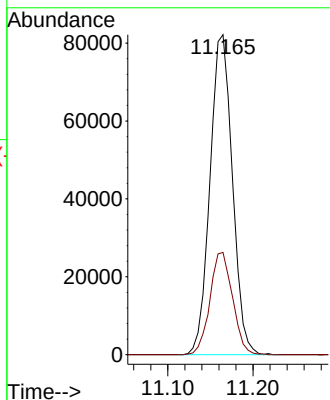
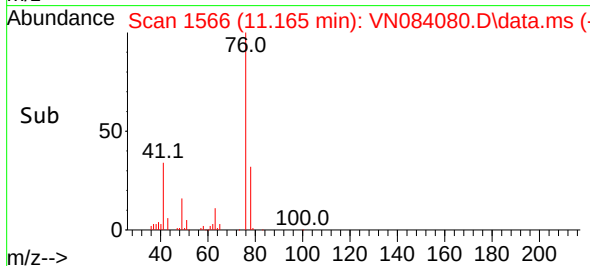
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 14999
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.6

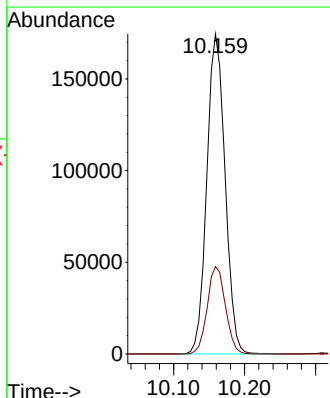
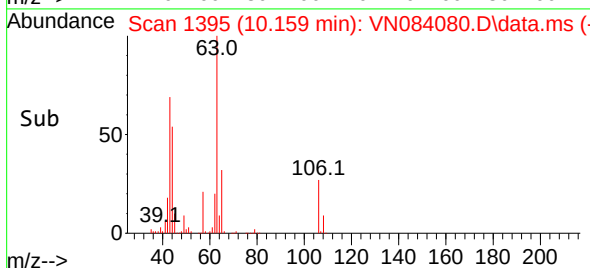
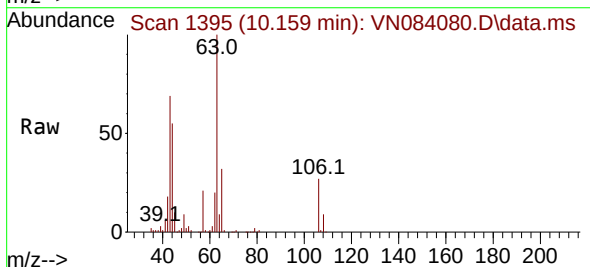
Manual Integrations
APPROVED

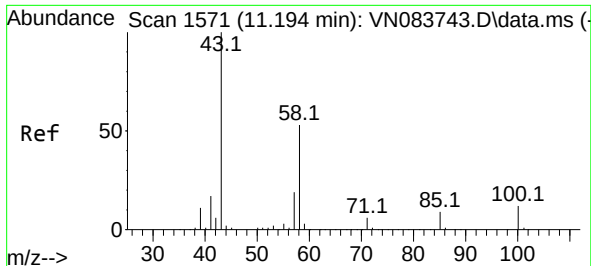
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#58
2-Chloroethyl Vinyl ether
Concen: 356.038 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Tgt Ion: 63 Resp: 311600
Ion Ratio Lower Upper
63 100
106 27.2 23.3 34.9





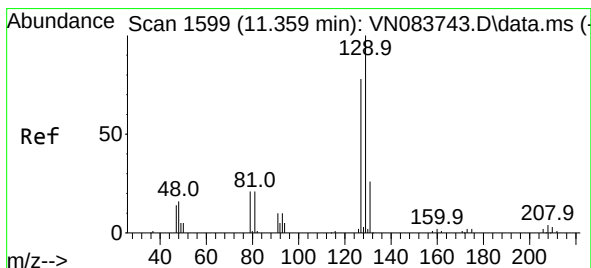
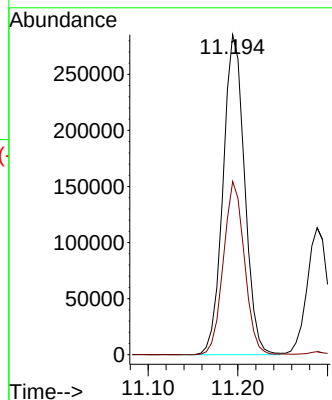
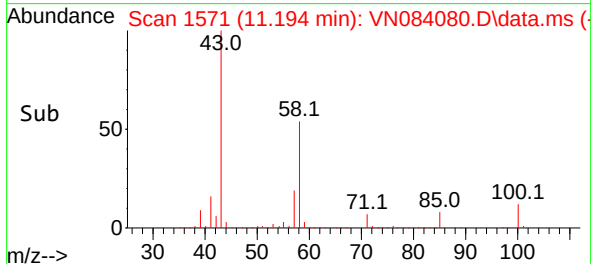
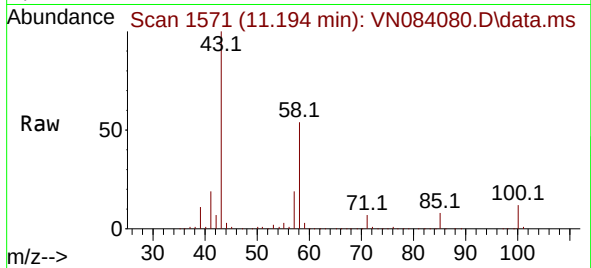
#59
2-Hexanone
Concen: 312.655 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 47565
Ion Ratio Lower Upper
43 100
58 52.9 27.2 81.5

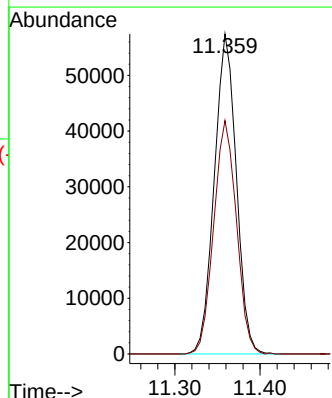
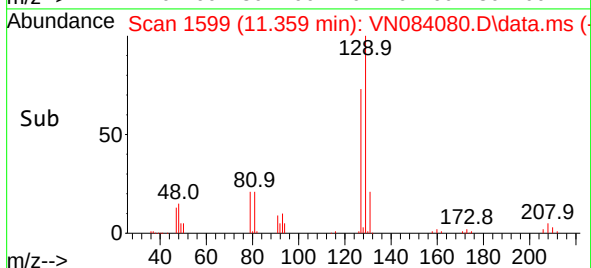
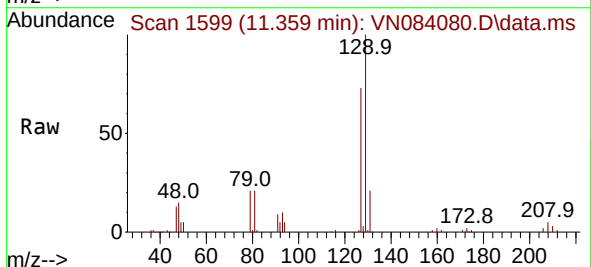
Manual Integrations
APPROVED

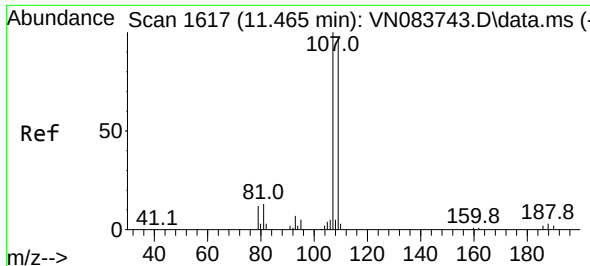
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#60
Dibromochloromethane
Concen: 58.478 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Tgt Ion:129 Resp: 103319
Ion Ratio Lower Upper
129 100
127 75.3 39.0 116.9





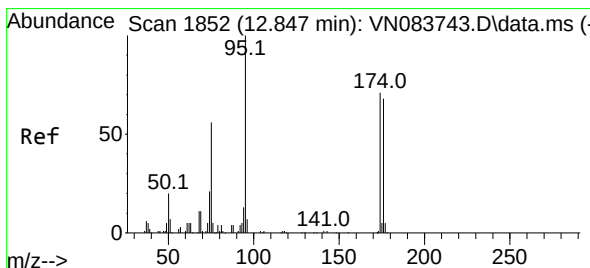
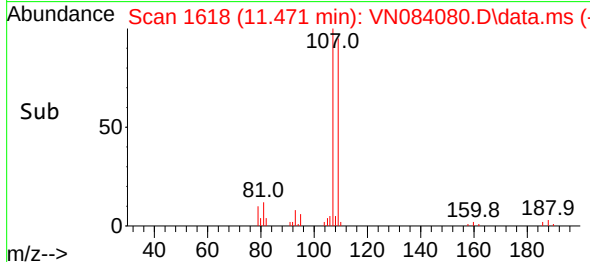
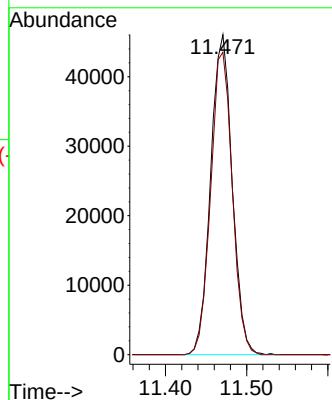
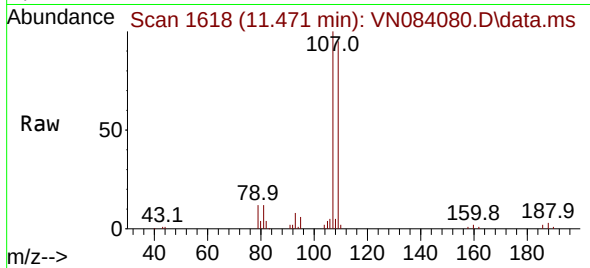
#61
1,2-Dibromoethane
Concen: 53.934 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 84910
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4

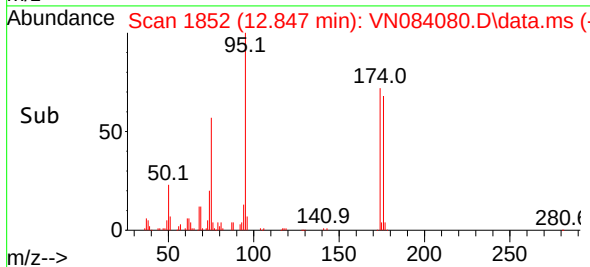
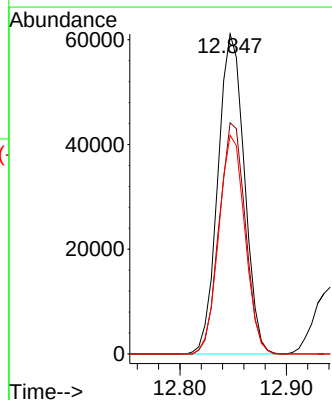
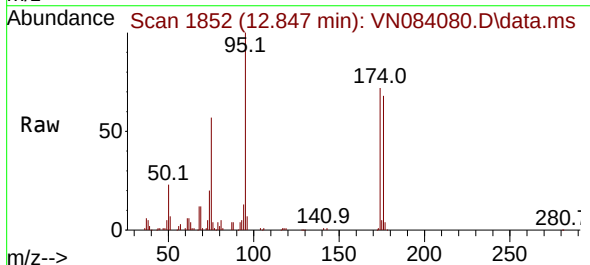
Manual Integrations
APPROVED

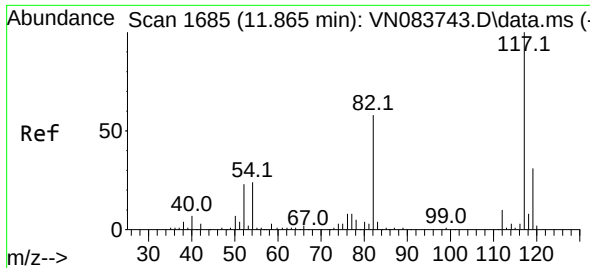
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#62
4-Bromofluorobenzene
Concen: 48.326 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

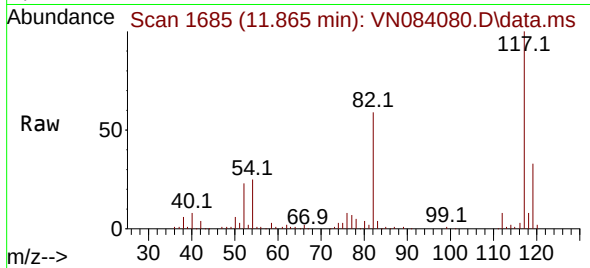
Tgt Ion: 95 Resp: 105185
Ion Ratio Lower Upper
95 100
174 71.6 0.0 139.8
176 67.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

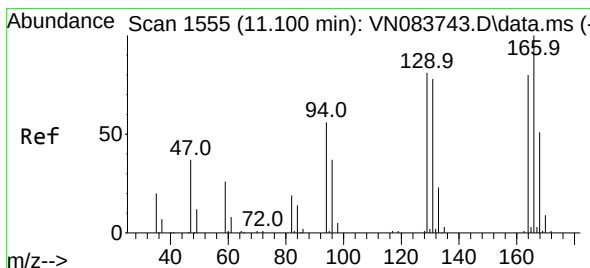
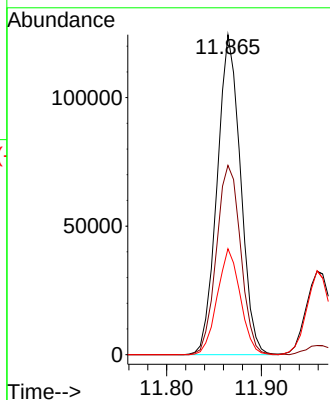
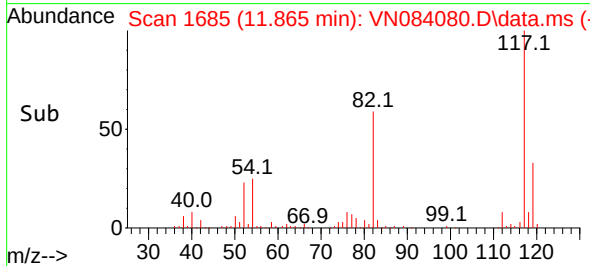
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 21384
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.0
119 33.1 26.3 39.5

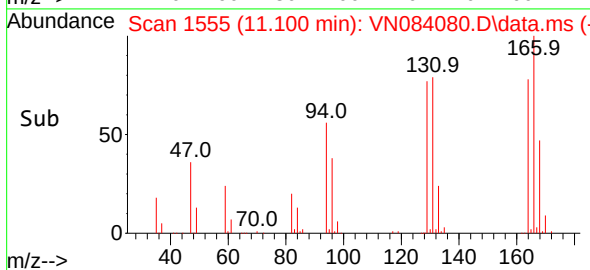
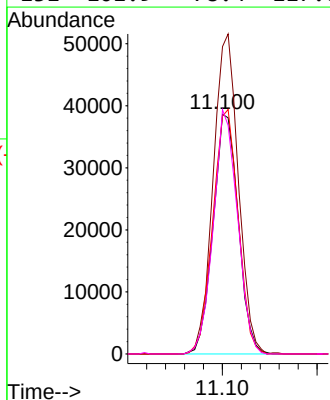
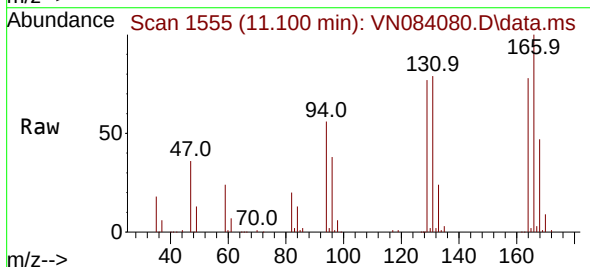
Manual Integrations
APPROVED

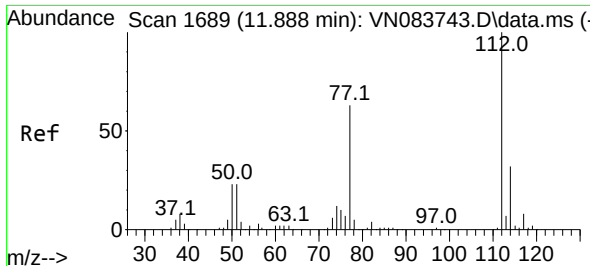
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#64
Tetrachloroethene
Concen: 49.857 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

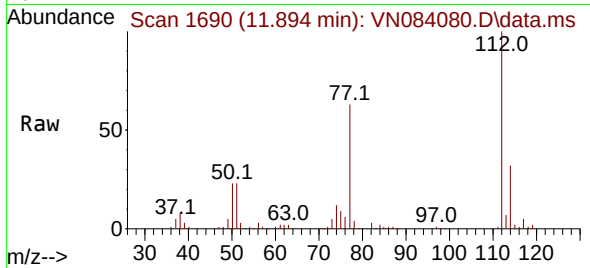
Tgt Ion:164 Resp: 70904
Ion Ratio Lower Upper
164 100
166 128.2 103.7 155.5
129 99.2 79.9 119.9
131 101.9 78.4 117.6





#65
Chlorobenzene
Concen: 49.850 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

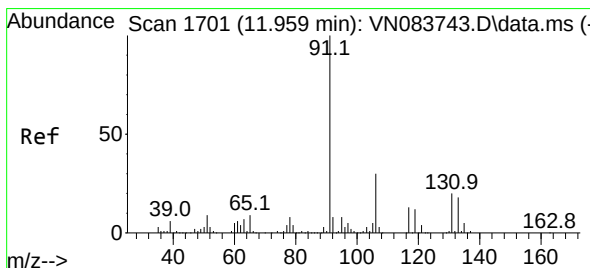
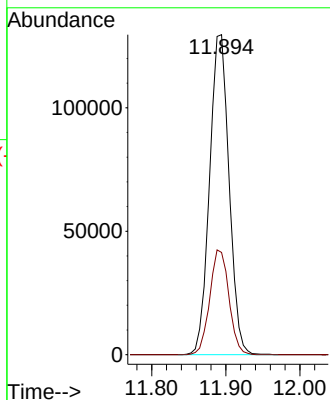
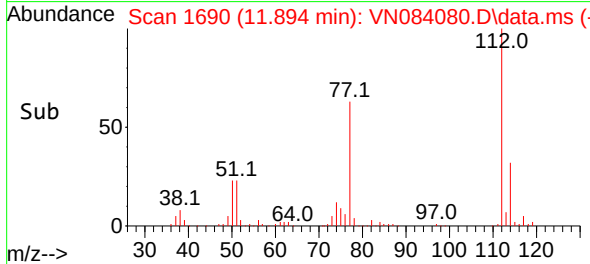
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



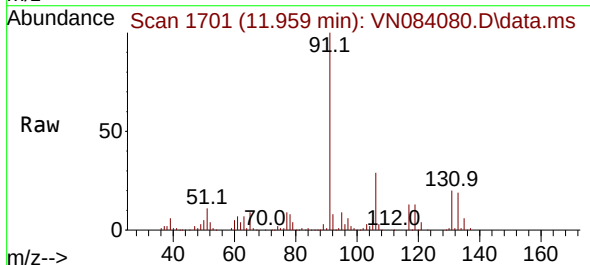
Tgt Ion:112 Resp: 23693
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

Manual Integrations
APPROVED

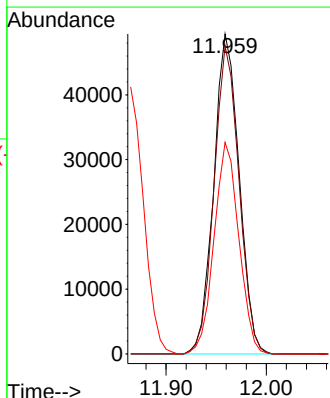
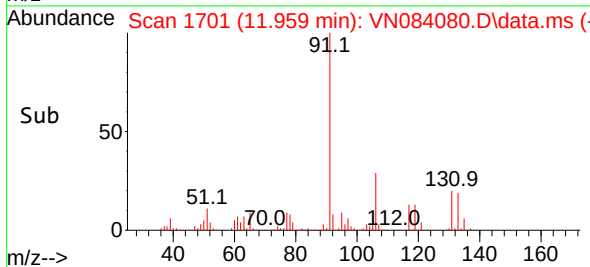
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

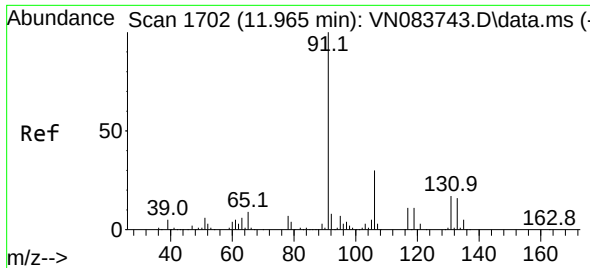


#66
1,1,1,2-Tetrachloroethane
Concen: 52.758 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20



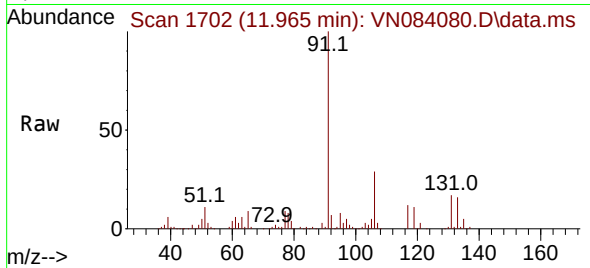
Tgt Ion:131 Resp: 86928
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 64.5 31.6 94.8





#67
Ethyl Benzene
Concen: 51.981 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

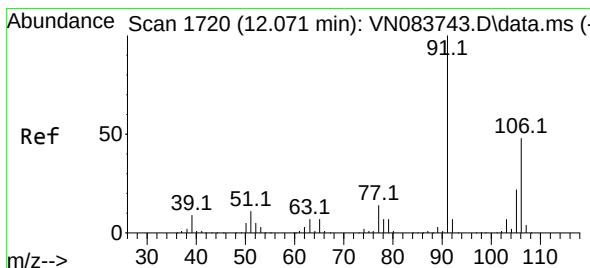
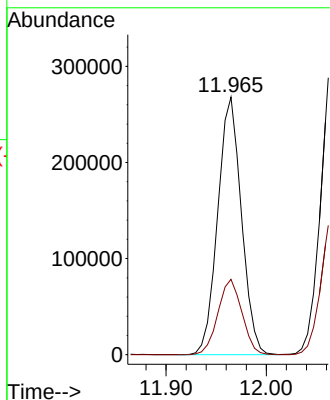
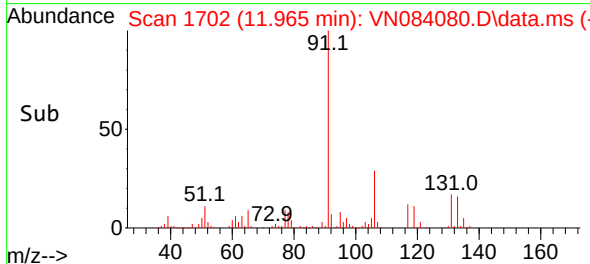
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



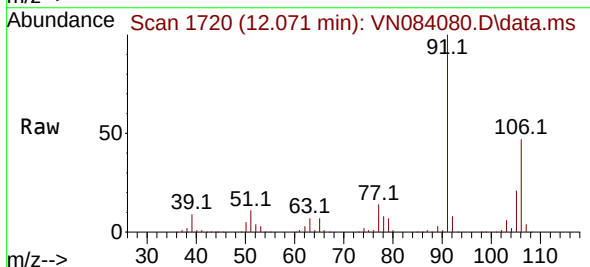
Tgt Ion: 91 Resp: 438884
Ion Ratio Lower Upper
91 100
106 29.2 24.3 36.5

Manual Integrations
APPROVED

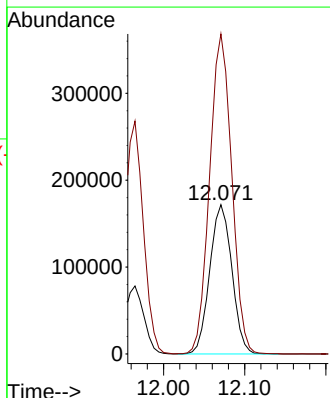
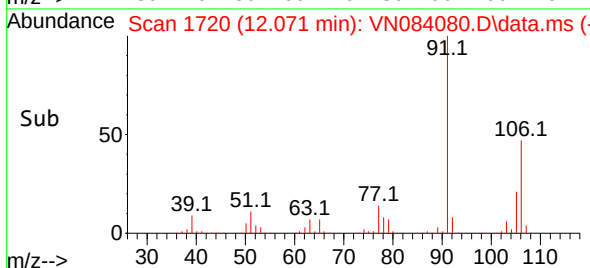
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

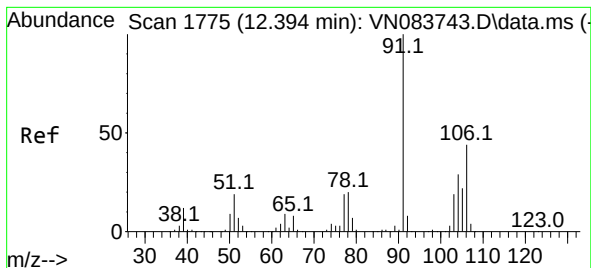


#68
m/p-Xylenes
Concen: 103.721 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20



Tgt Ion:106 Resp: 325127
Ion Ratio Lower Upper
106 100
91 215.1 169.2 253.8





#69

o-Xylene

Concen: 51.812 ug/l

RT: 12.400 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN084080.D

Acq: 21 Sep 2024 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 157220

Ion Ratio Lower Upper

106 100

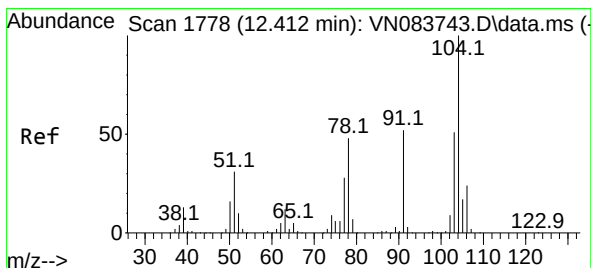
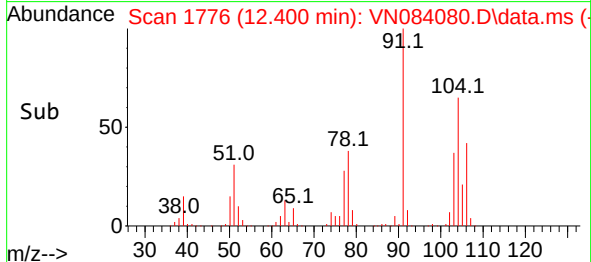
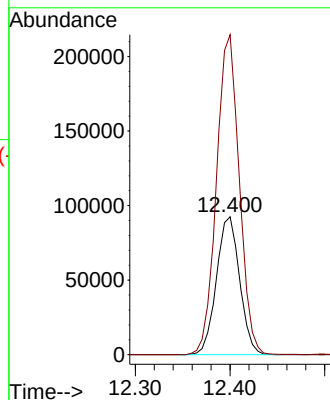
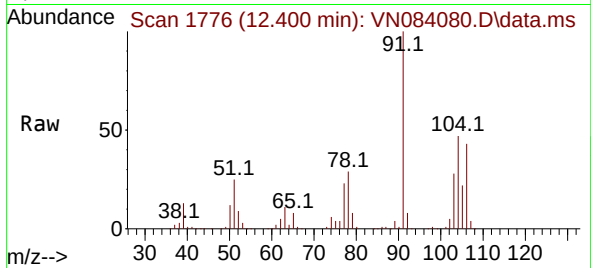
91 228.6 112.9 338.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#70

Styrene

Concen: 55.913 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084080.D

Acq: 21 Sep 2024 00:20

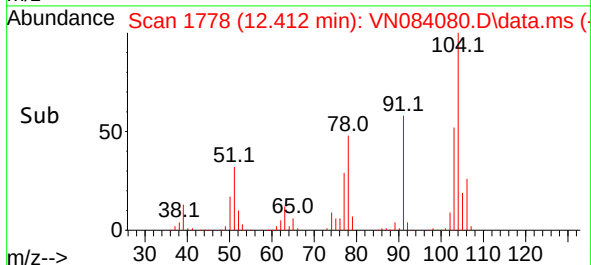
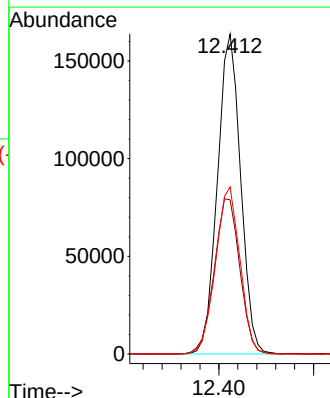
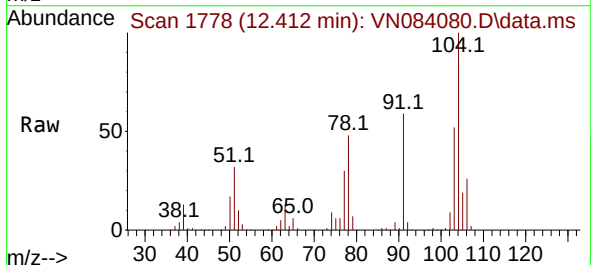
Tgt Ion:104 Resp: 278455

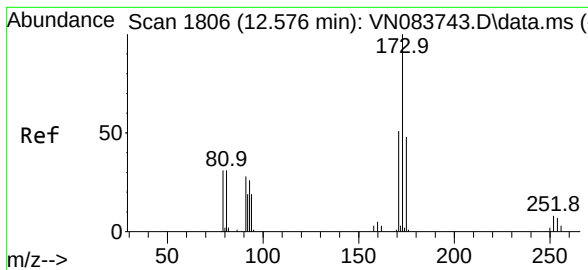
Ion Ratio Lower Upper

104 100

78 53.6 43.3 64.9

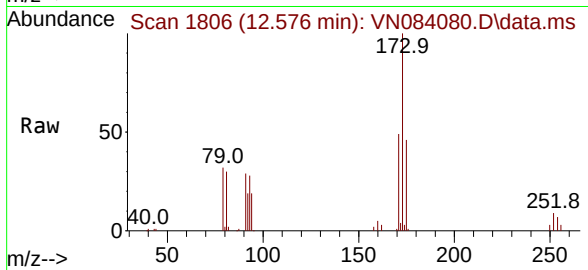
103 55.0 43.4 65.2





#71
Bromoform
Concen: 58.465 ug/l
RT: 12.576 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

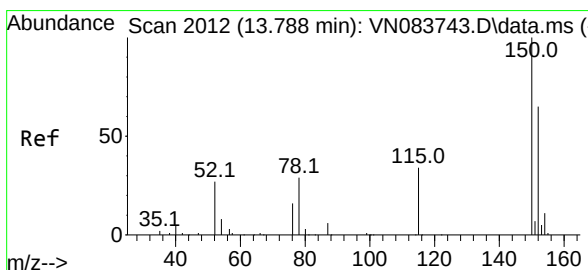
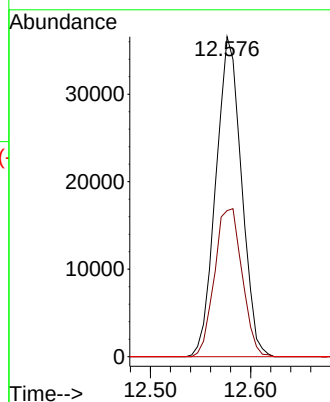
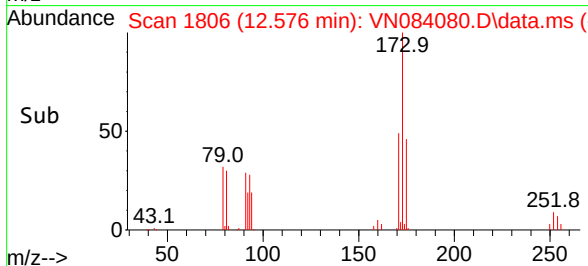
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



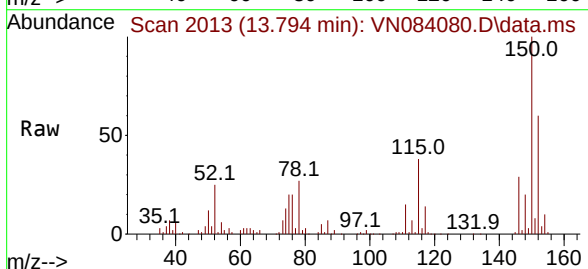
Tgt Ion:173 Resp: 64915
Ion Ratio Lower Upper
173 100
175 49.8 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

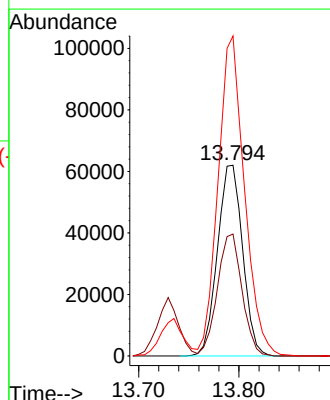
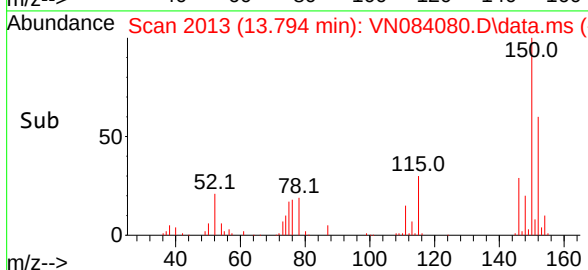
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

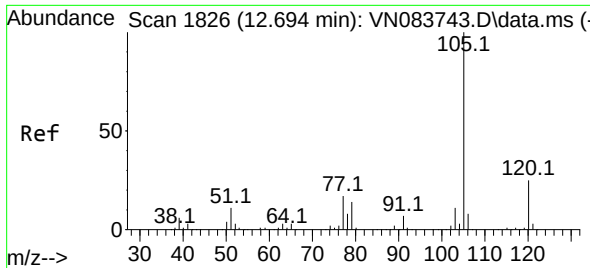


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20



Tgt Ion:152 Resp: 108072
Ion Ratio Lower Upper
152 100
115 62.6 32.2 96.6
150 175.5 0.0 348.6





#73
Isopropylbenzene
Concen: 49.426 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Instrument :

MSVOA_N

ClientSampleId :

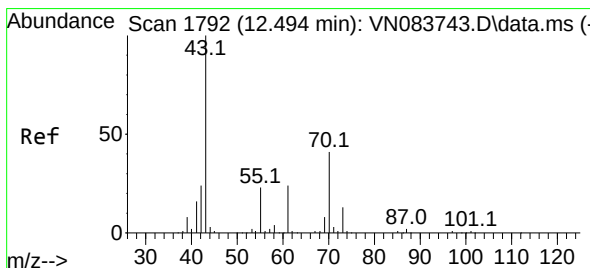
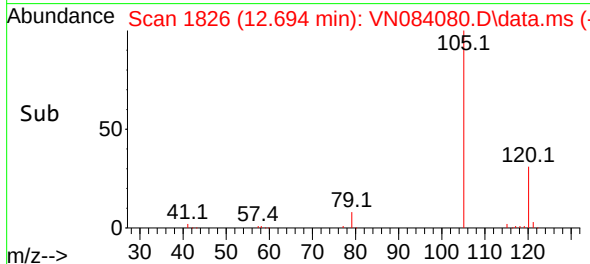
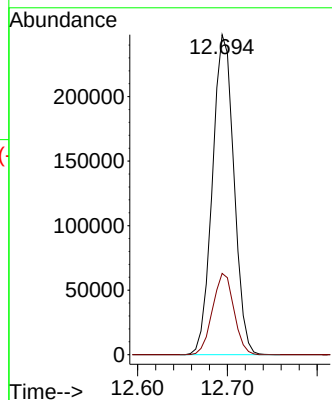
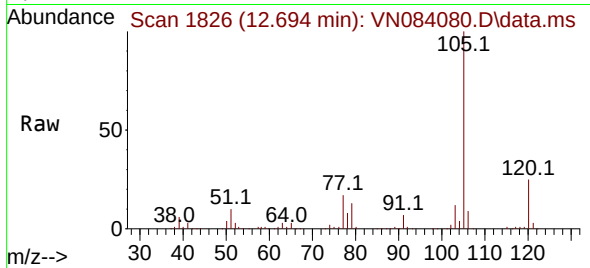
VSTDCCC050

Tgt Ion:105 Resp: 41325
Ion Ratio Lower Upper
105 100
120 25.2 12.6 37.8

Manual Integrations

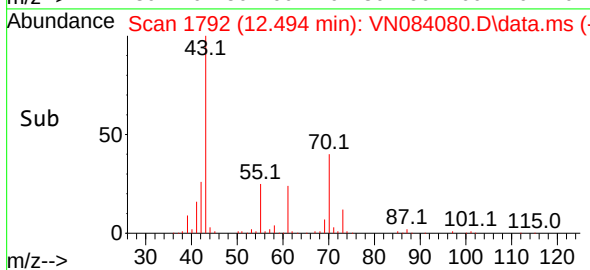
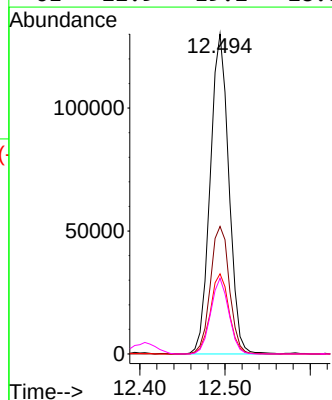
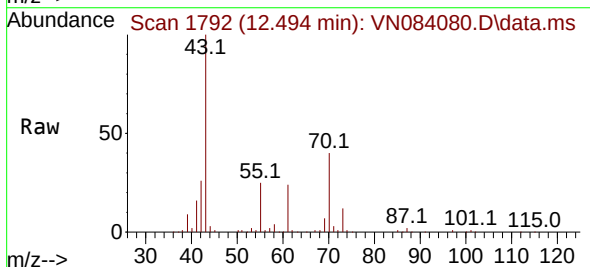
APPROVED

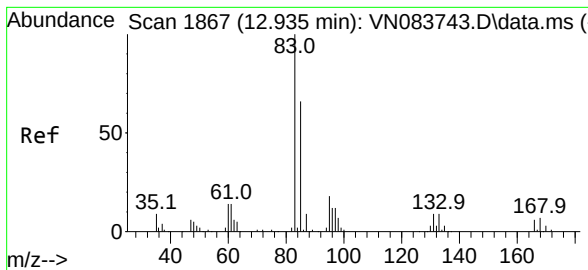
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#74
N-ethyl acetate
Concen: 55.594 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

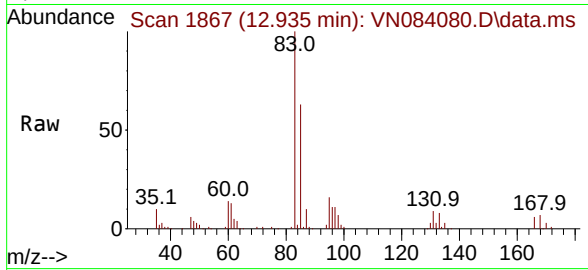
Tgt Ion: 43 Resp: 198322
Ion Ratio Lower Upper
43 100
70 40.6 34.5 51.7
55 25.2 18.6 28.0
61 22.9 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 51.411 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

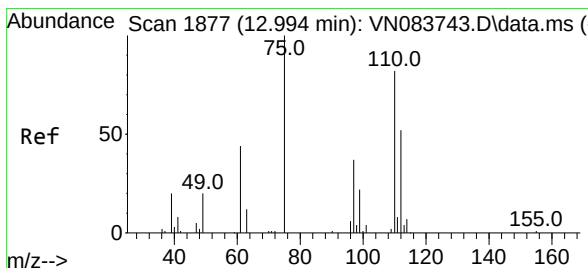
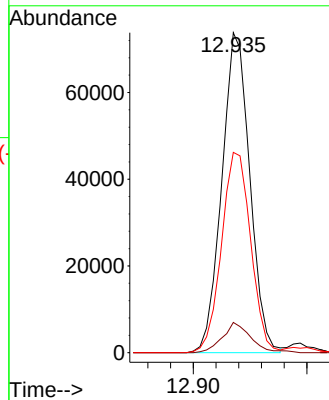
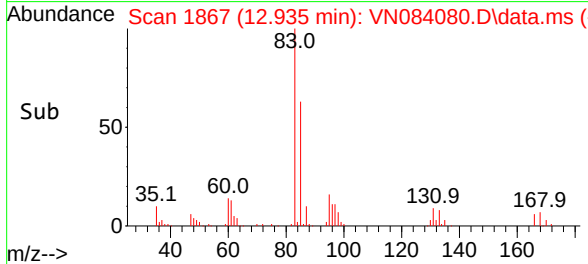
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 126298
Ion Ratio Lower Upper
83 100
131 9.6 5.2 15.6
85 65.2 31.9 95.9

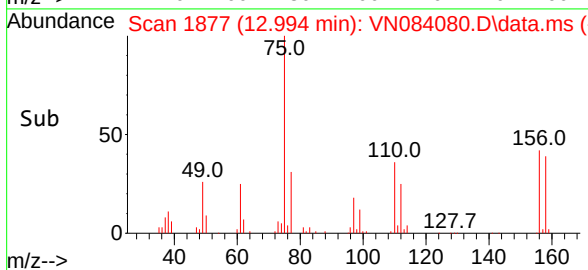
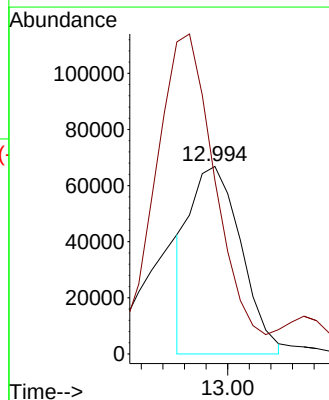
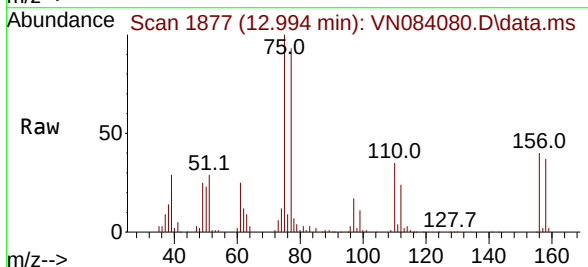
Manual Integrations
APPROVED

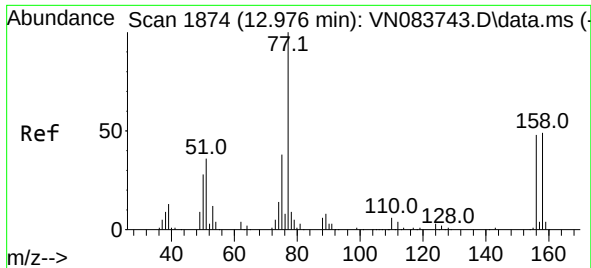
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#76
1,2,3-Trichloropropane
Concen: 50.297 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

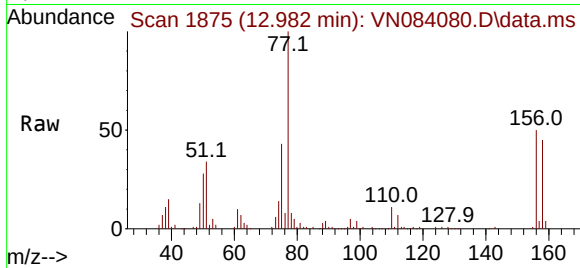
Tgt Ion: 75 Resp: 109682
Ion Ratio Lower Upper
75 100
77 203.6 95.2 285.6





#77
Bromobenzene
Concen: 48.685 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

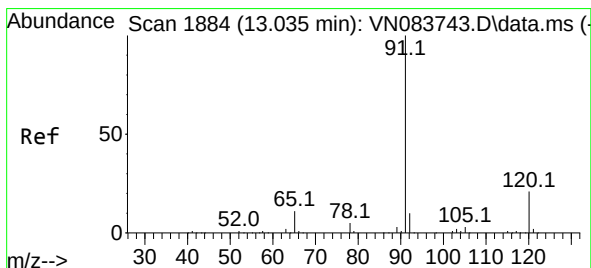
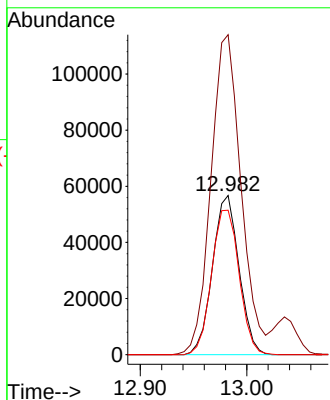
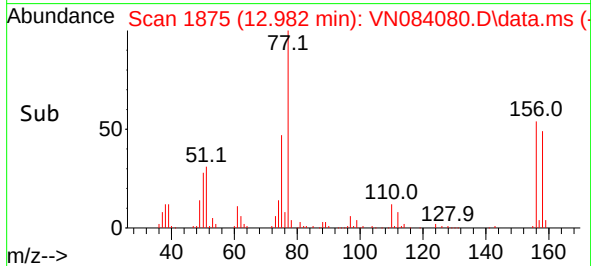
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



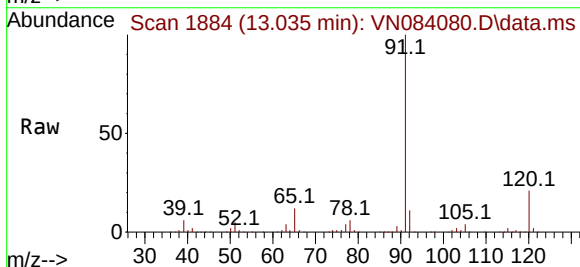
Tgt Ion:156 Resp: 97984
Ion Ratio Lower Upper
156 100
77 227.9 114.3 343.1
158 94.4 48.9 146.7

Manual Integrations
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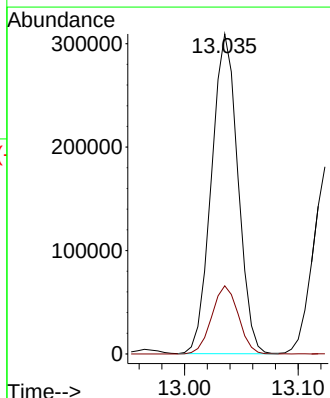
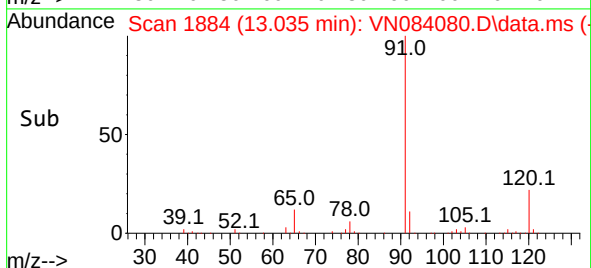
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

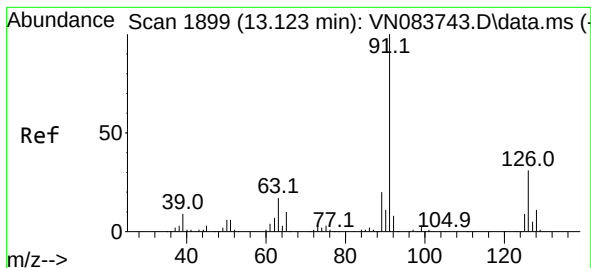


#78
n-propylbenzene
Concen: 51.377 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20



Tgt Ion: 91 Resp: 499806
Ion Ratio Lower Upper
91 100
120 21.4 11.0 33.0





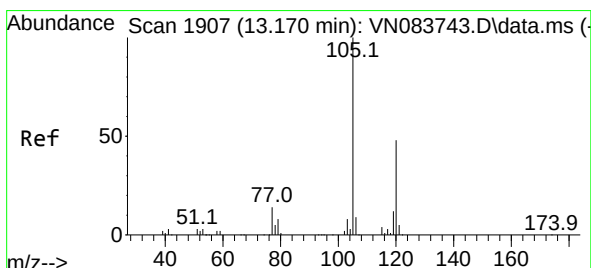
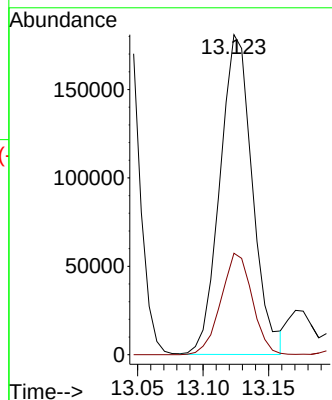
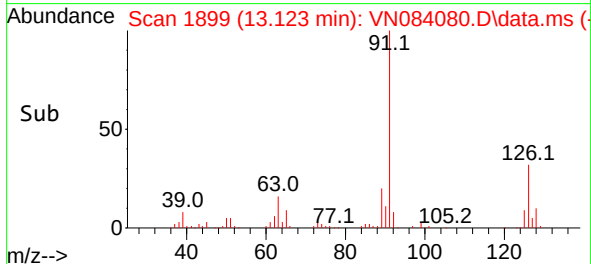
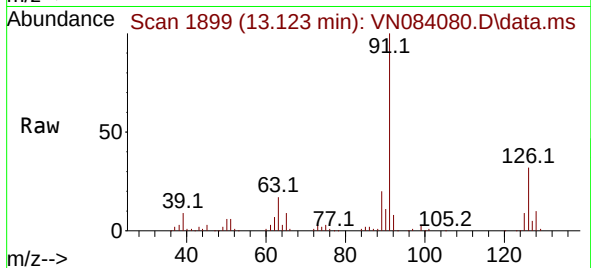
#79
2-Chlorotoluene
Concen: 50.214 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 31153
Ion Ratio Lower Upper
91 100
126 30.5 15.4 46.2

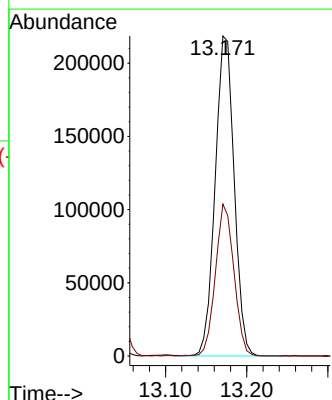
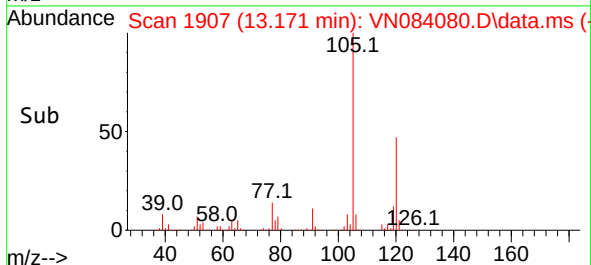
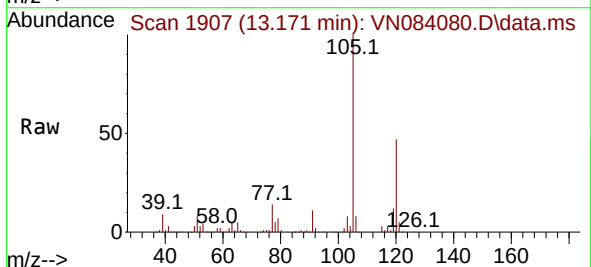
Manual Integrations
APPROVED

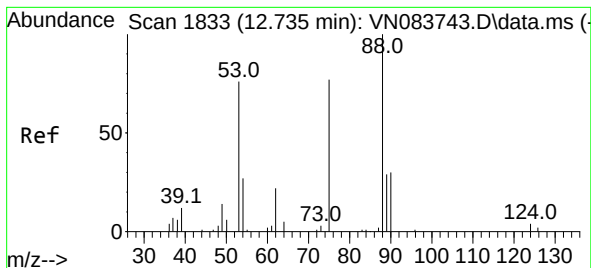
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.585 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

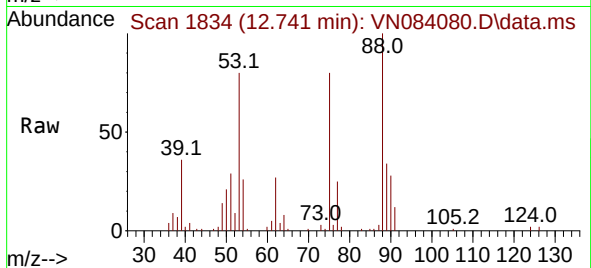
Tgt Ion:105 Resp: 356588
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.312 ug/l m
RT: 12.741 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

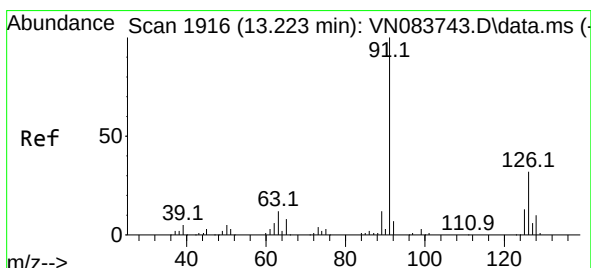
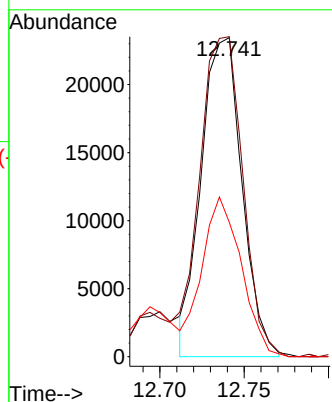
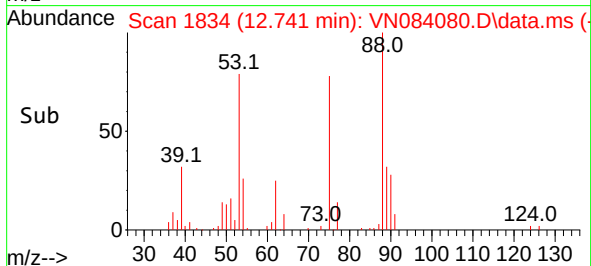
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



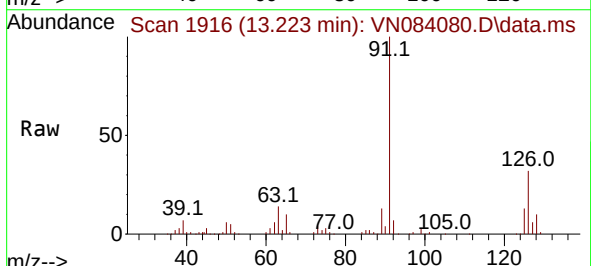
Tgt Ion: 75 Resp: 3939
Ion Ratio Lower Upper
75 100
53 107.3 81.2 121.8
89 48.6 35.7 53.5

Manual Integrations
APPROVED

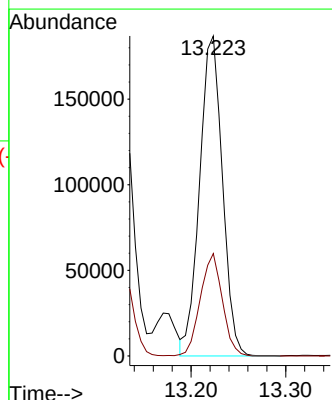
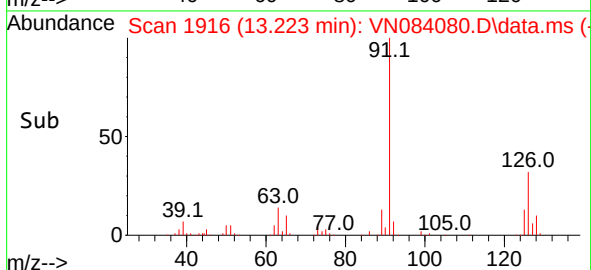
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

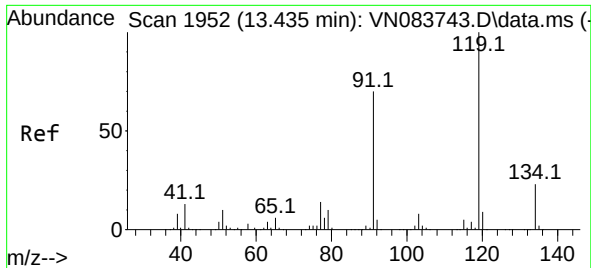


#82
4-Chlorotoluene
Concen: 50.356 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20



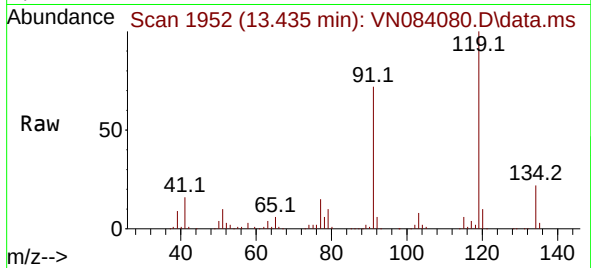
Tgt Ion: 91 Resp: 313517
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.2





#83
tert-Butylbenzene
Concen: 49.281 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

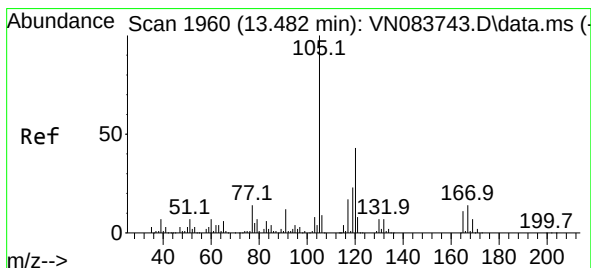
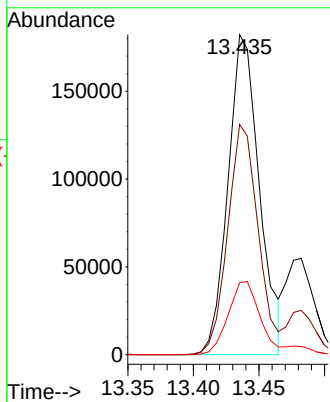
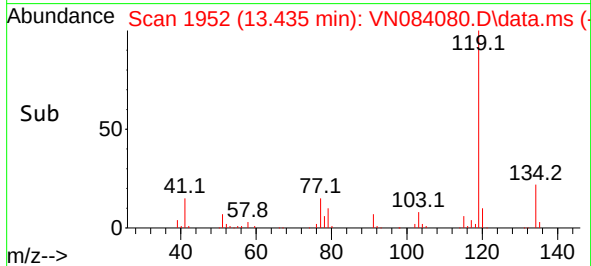
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



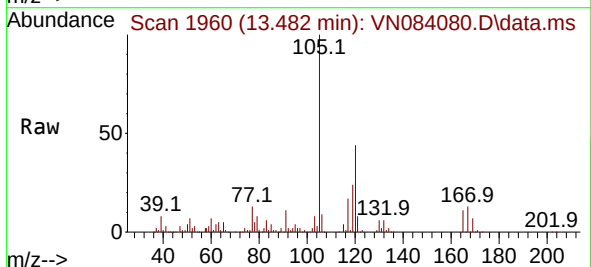
Tgt Ion:119 Resp: 30393
Ion Ratio Lower Upper
119 100
91 69.8 34.5 103.6
134 23.4 12.8 38.4

Manual Integrations
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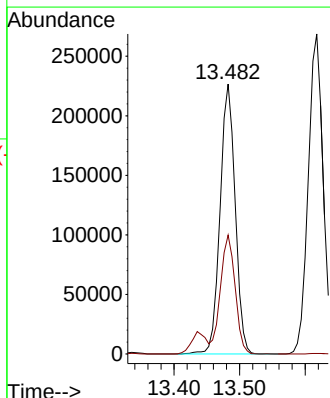
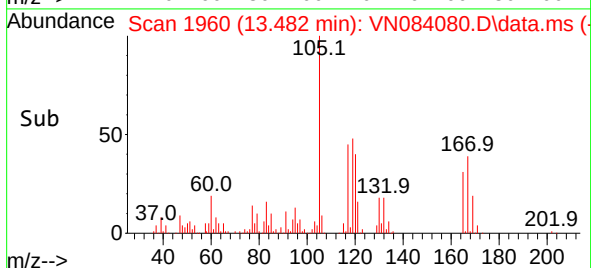
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

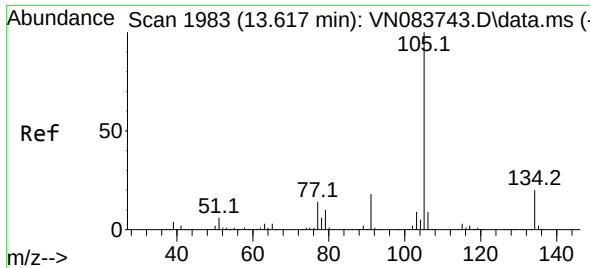


#84
1,2,4-Trimethylbenzene
Concen: 50.981 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20



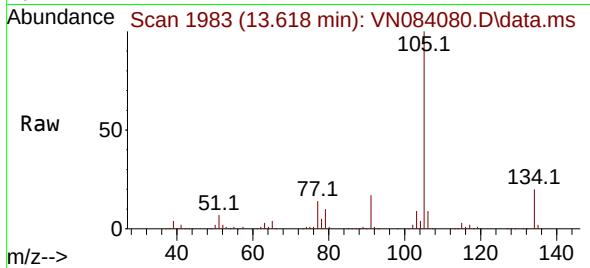
Tgt Ion:105 Resp: 360997
Ion Ratio Lower Upper
105 100
120 43.0 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 51.673 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084080.D
 Acq: 21 Sep 2024 00:20

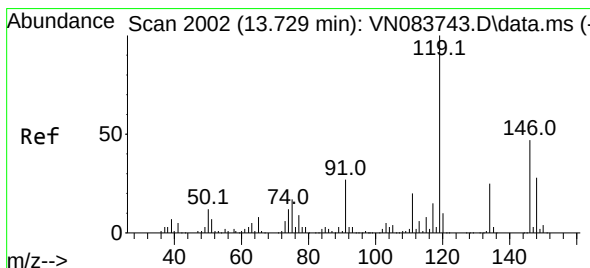
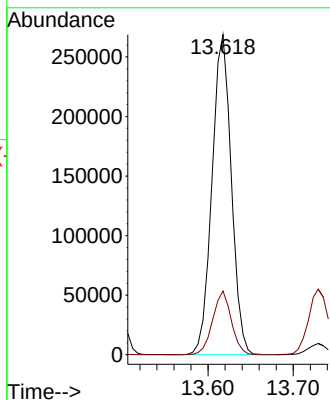
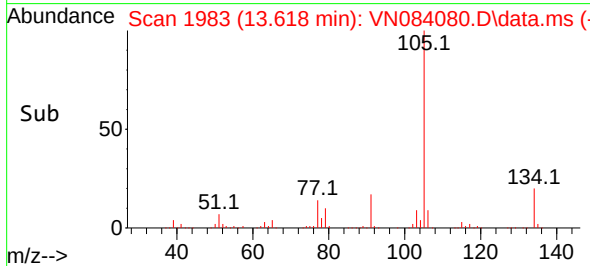
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



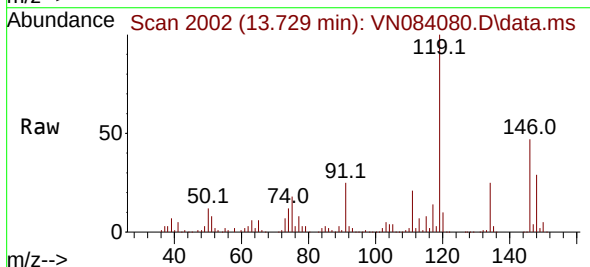
Tgt Ion:105 Resp: 422648
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1

Manual Integrations
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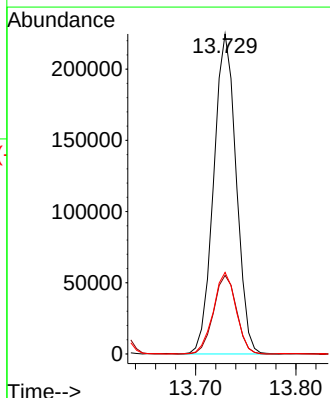
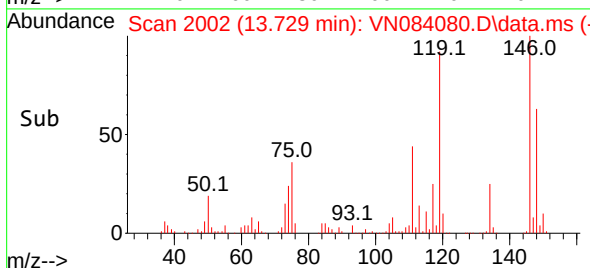
Reviewed By :John Carlone 09/23/2024
 Supervised By :Mahesh Dadoda 09/23/2024

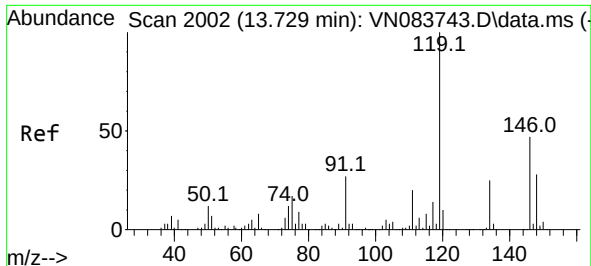


#86
 p-Isopropyltoluene
 Concen: 51.145 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084080.D
 Acq: 21 Sep 2024 00:20



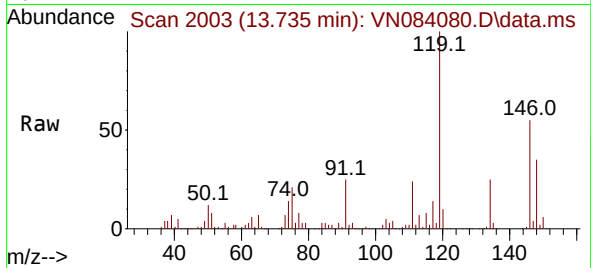
Tgt Ion:119 Resp: 350670
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.8 38.3
 91 25.6 12.9 38.7





#87
 1,3-Dichlorobenzene
 Concen: 48.918 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN084080.D
 Acq: 21 Sep 2024 00:20

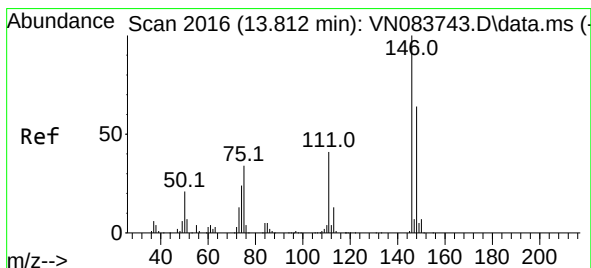
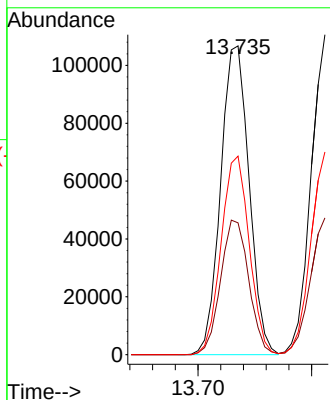
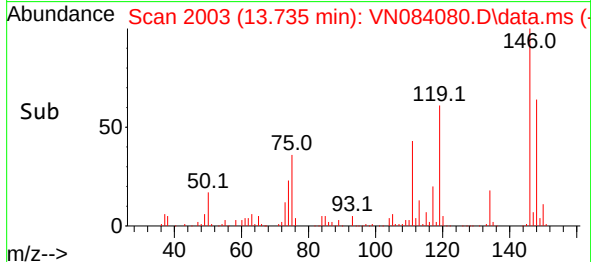
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:146 Resp: 185804
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.7 65.1
 148 63.5 31.7 95.1

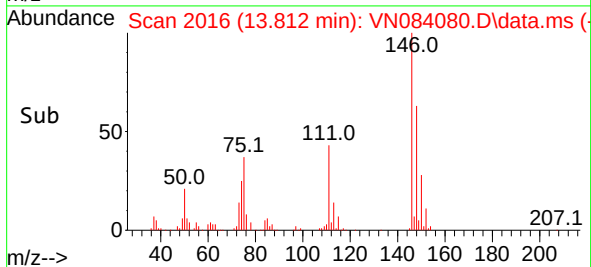
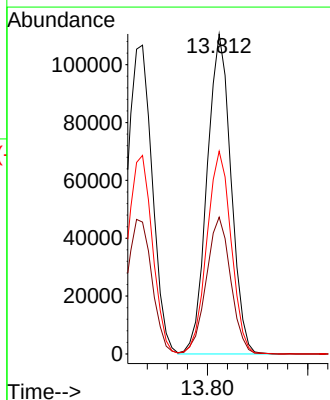
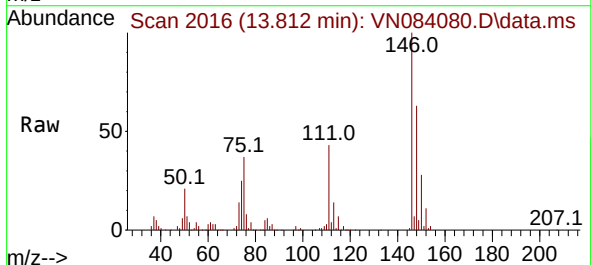
Manual Integrations
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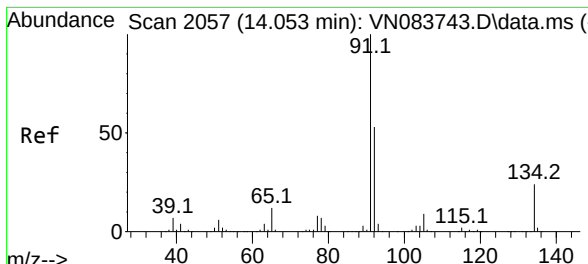
Reviewed By :John Carlone 09/23/2024
 Supervised By :Mahesh Dadoda 09/23/2024



#88
 1,4-Dichlorobenzene
 Concen: 47.728 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN084080.D
 Acq: 21 Sep 2024 00:20

Tgt Ion:146 Resp: 183566
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.3 64.0
 148 64.4 32.0 96.2





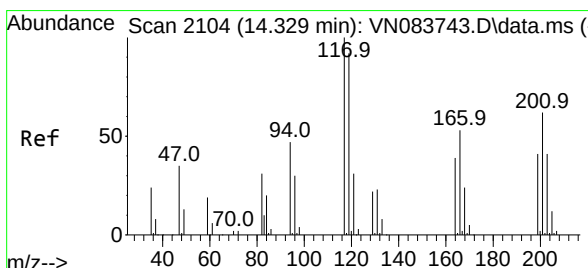
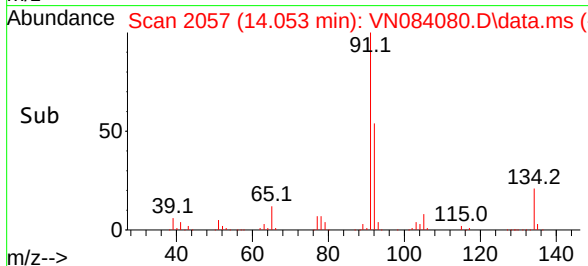
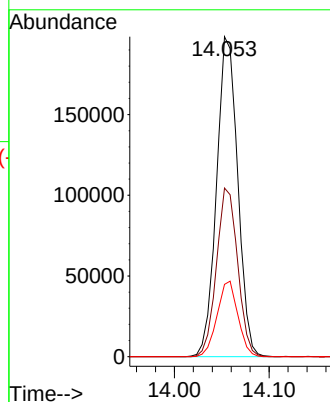
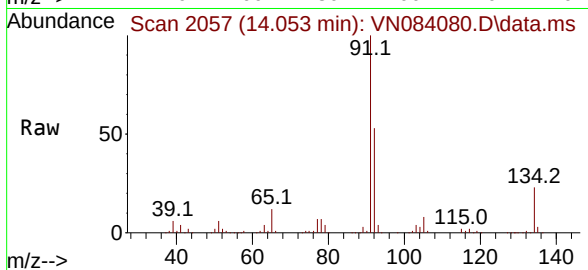
#89
n-Butylbenzene
Concen: 50.077 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 30827
Ion Ratio Lower Upper
91 100
92 52.7 26.7 80.1
134 23.2 12.2 36.4

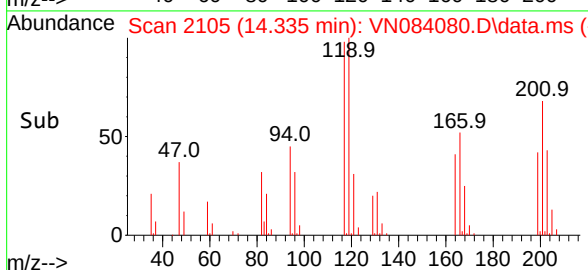
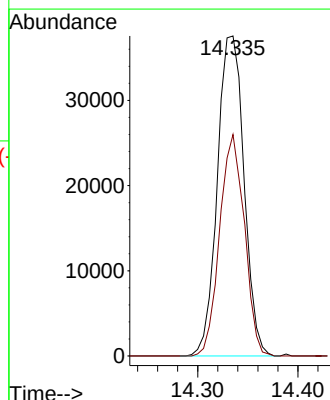
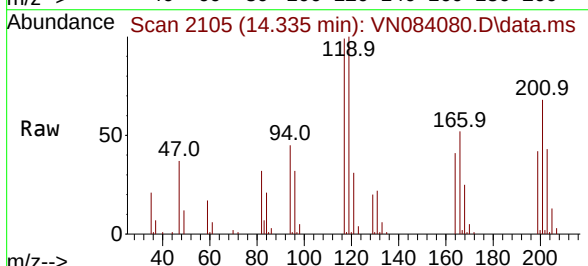
Manual Integrations
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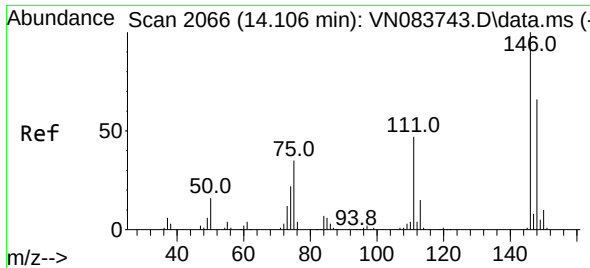
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#90
Hexachloroethane
Concen: 50.227 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

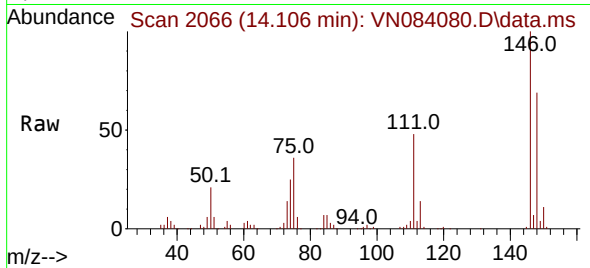
Tgt Ion:117 Resp: 69226
Ion Ratio Lower Upper
117 100
201 64.1 32.8 98.3





#91
1,2-Dichlorobenzene
Concen: 48.991 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

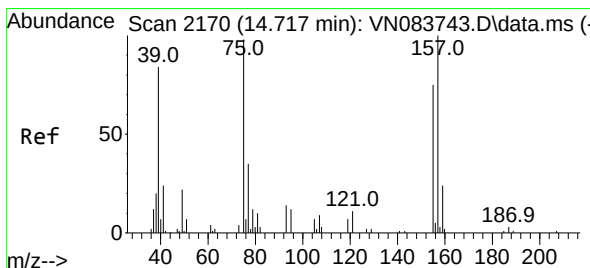
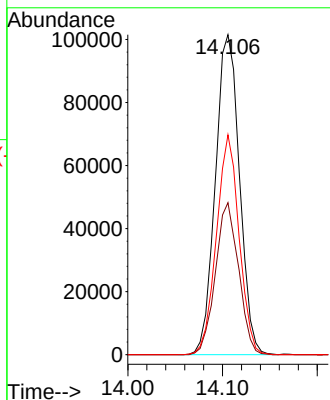
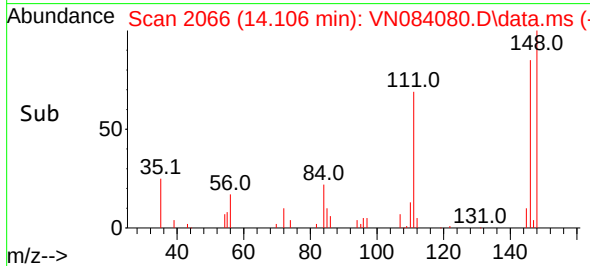
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



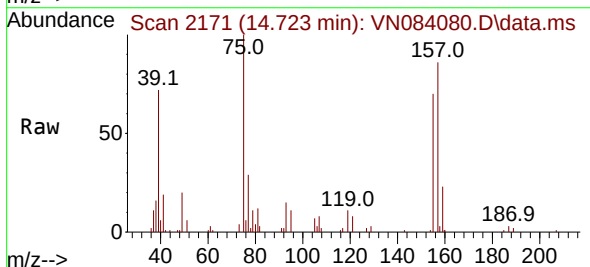
Tgt Ion:146 Resp: 179589
Ion Ratio Lower Upper
146 100
111 45.7 22.8 68.3
148 64.6 32.1 96.5

Manual Integrations
APPROVED

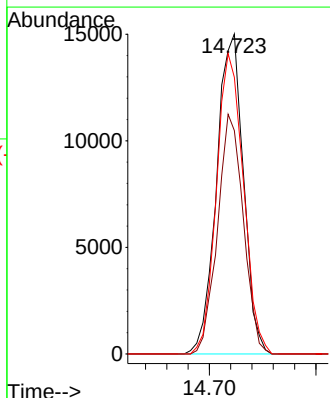
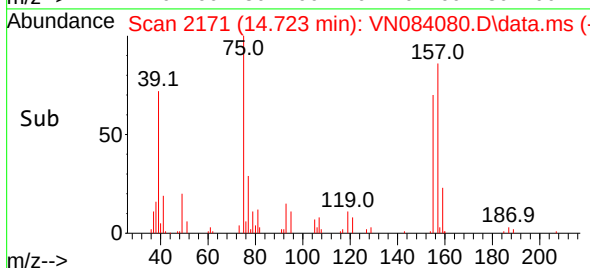
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

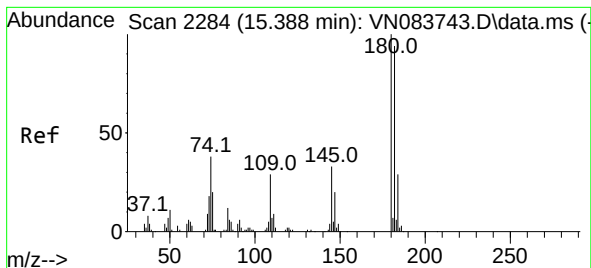


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.592 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20



Tgt Ion: 75 Resp: 26245
Ion Ratio Lower Upper
75 100
155 72.1 35.9 107.7
157 94.2 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 44.680 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN084080.D

Acq: 21 Sep 2024 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 8789

Ion Ratio Lower Upper

180 100

182 97.0 48.1 144.3

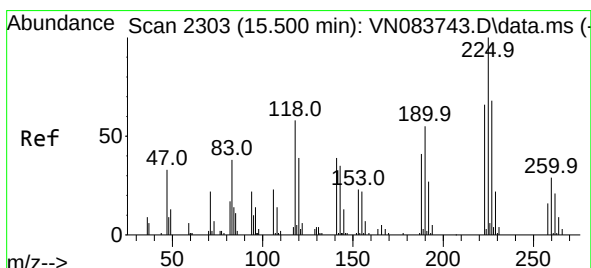
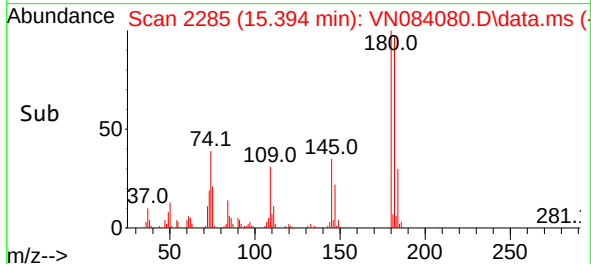
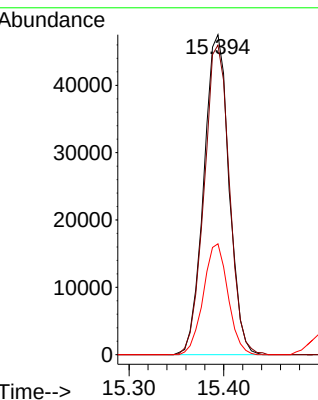
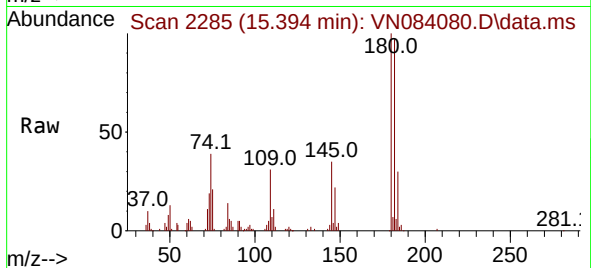
145 33.9 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#94

Hexachlorobutadiene

Concen: 46.862 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084080.D

Acq: 21 Sep 2024 00:20

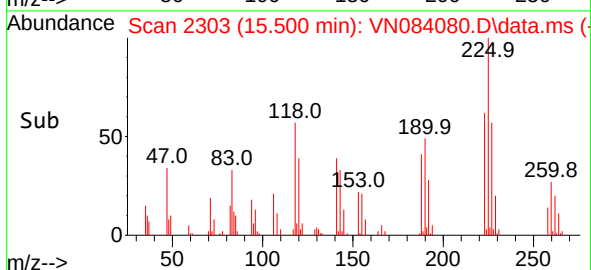
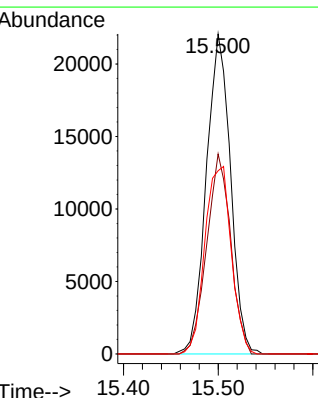
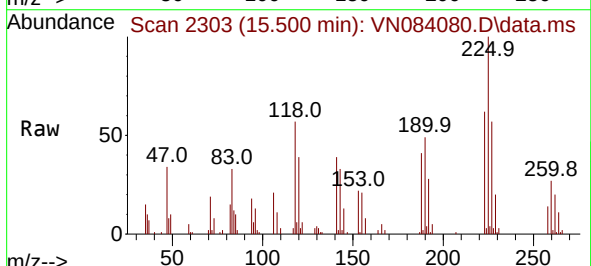
Tgt Ion:225 Resp: 39148

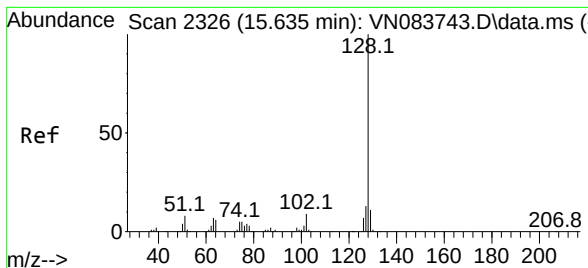
Ion Ratio Lower Upper

225 100

223 62.0 31.9 95.5

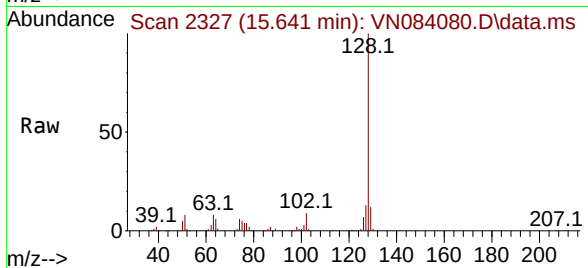
227 64.1 32.0 96.2





#95
Naphthalene
Concen: 50.111 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20

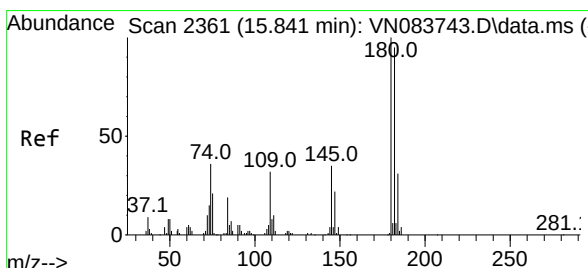
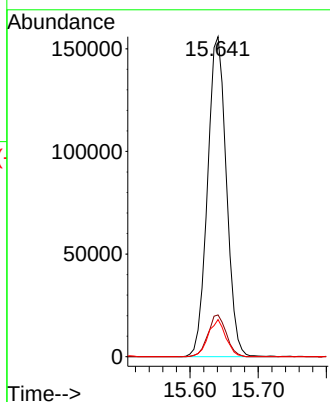
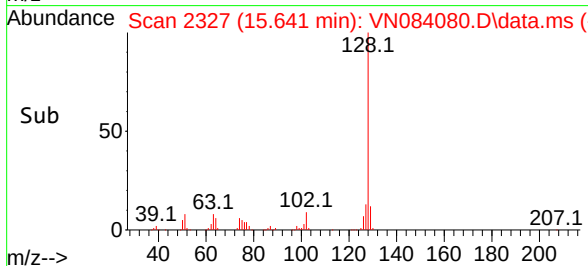
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



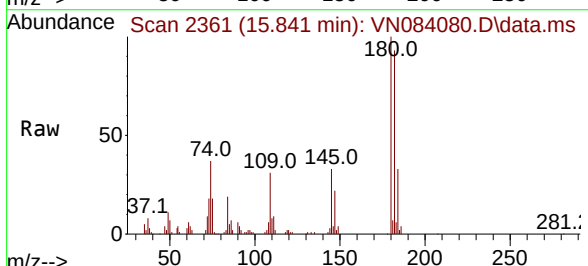
Tgt Ion:128 Resp: 299898
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#96
1,2,3-Trichlorobenzene
Concen: 47.453 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN084080.D
Acq: 21 Sep 2024 00:20



Tgt Ion:180 Resp: 89211
Ion Ratio Lower Upper
180 100
182 93.2 47.1 141.4
145 34.6 17.8 53.5

