

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084147.D
 Acq On : 24 Sep 2024 20:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/25/2024
 Supervised By : Mahesh Dadoda 09/25/2024

Quant Time: Sep 25 01:42:08 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)

Internal Standards						
1) Pentafluorobenzene	8.224	168	142873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106722	49.539	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.080%		
35) Dibromofluoromethane	8.165	113	82135	51.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.240%		
50) Toluene-d8	10.565	98	290305	52.781	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.560%		
62) 4-Bromofluorobenzene	12.847	95	111919	49.320	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	72945	43.963	ug/l	100
3) Chloromethane	2.365	50	82106	48.399	ug/l	96
4) Vinyl Chloride	2.518	62	83961	46.166	ug/l	97
5) Bromomethane	2.948	94	51228	49.059	ug/l	98
6) Chloroethane	3.118	64	57089	44.750	ug/l	90
7) Trichlorofluoromethane	3.495	101	146031	47.303	ug/l	100
8) Diethyl Ether	3.965	74	54064	52.244	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	84008	51.340	ug/l	99
10) Methyl Iodide	4.589	142	102401	49.206	ug/l	97
11) Tert butyl alcohol	5.524	59	95664	331.610	ug/l	98
12) 1,1-Dichloroethene	4.342	96	78751	50.961	ug/l	94
13) Acrolein	4.177	56	90446	317.758	ug/l	98
14) Allyl chloride	5.024	41	132358	48.068	ug/l	98
15) Acrylonitrile	5.718	53	237610	302.867	ug/l	99
16) Acetone	4.430	43	202380	234.340	ug/l	98
17) Carbon Disulfide	4.712	76	182539	42.228	ug/l	100
18) Methyl Acetate	5.030	43	120323	67.519	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	301516	53.920	ug/l	99
20) Methylene Chloride	5.277	84	91763	51.923	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	82089	49.567	ug/l	96
22) Diisopropyl ether	6.671	45	324163	57.189	ug/l	96
23) Vinyl Acetate	6.606	43	1171674	282.265	ug/l	98
24) 1,1-Dichloroethane	6.565	63	173235	53.048	ug/l	98
25) 2-Butanone	7.483	43	311885	274.768	ug/l	98
26) 2,2-Dichloropropane	7.489	77	141689	47.114	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	105375	53.600	ug/l	98
28) Bromochloromethane	7.812	49	73828	53.684	ug/l	91
29) Tetrahydrofuran	7.836	42	206683	307.946	ug/l	97
30) Chloroform	7.965	83	184571	53.238	ug/l	97
31) Cyclohexane	8.253	56	140659	45.176	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	164957	51.746	ug/l	98
36) 1,1-Dichloropropene	8.371	75	118279	49.392	ug/l	99
37) Ethyl Acetate	7.559	43	132281	60.856	ug/l	98
38) Carbon Tetrachloride	8.365	117	139277	51.266	ug/l	96
39) Methylcyclohexane	9.600	83	127948	46.940	ug/l	98
40) Benzene	8.606	78	380067	52.730	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	76150	59.232	ug/l	98
42) 1,2-Dichloroethane	8.671	62	138505	51.426	ug/l	99
43) Isopropyl Acetate	8.688	43	227028	57.636	ug/l	98
44) Trichloroethene	9.353	130	88588	53.075	ug/l	97
45) 1,2-Dichloropropane	9.618	63	95994	55.103	ug/l	99
46) Dibromomethane	9.706	93	67265	55.126	ug/l	99
47) Bromodichloromethane	9.888	83	149637	56.664	ug/l	98
48) Methyl methacrylate	9.683	41	108215	57.906	ug/l	98
49) 1,4-Dioxane	9.694	88	38483	1251.757	ug/l #	97
51) 4-Methyl-2-Pentanone	10.441	43	672930	313.838	ug/l	99
52) Toluene	10.630	92	232920	52.831	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	148568	55.503	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	156075	55.509	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	91511	55.598	ug/l	99
56) Ethyl methacrylate	10.871	69	154175	60.883	ug/l	98
57) 1,3-Dichloropropane	11.165	76	160830	56.854	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	330116	361.789	ug/l	97
59) 2-Hexanone	11.194	43	488342	307.886	ug/l	99
60) Dibromochloromethane	11.359	129	109160	59.261	ug/l	100
61) 1,2-Dibromoethane	11.465	107	91210	55.565	ug/l	100
64) Tetrachloroethene	11.100	164	73858	49.714	ug/l	95
65) Chlorobenzene	11.888	112	255702	51.499	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	91628	53.232	ug/l	99
67) Ethyl Benzene	11.965	91	459624	52.110	ug/l	98
68) m/p-Xylenes	12.071	106	341964	104.428	ug/l	100
69) o-Xylene	12.400	106	167905	52.965	ug/l	98
70) Styrene	12.412	104	292669	56.254	ug/l	99
71) Bromoform	12.576	173	69628	60.029	ug/l #	98
73) Isopropylbenzene	12.694	105	436864	51.365	ug/l	100
74) N-amyl acetate	12.494	43	205747	56.700	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	132646	53.081	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	110984m	50.033	ug/l	
77) Bromobenzene	12.976	156	101646	49.650	ug/l	100
78) n-propylbenzene	13.035	91	521262	52.676	ug/l	99
79) 2-Chlorotoluene	13.123	91	322776	51.145	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	372617	51.965	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	45950	54.254	ug/l	100
82) 4-Chlorotoluene	13.218	91	324648	51.262	ug/l	99
83) tert-Butylbenzene	13.435	119	321549	51.255	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	377370	52.391	ug/l	99
85) sec-Butylbenzene	13.612	105	442550	53.191	ug/l	98
86) p-Isopropyltoluene	13.729	119	366208	52.507	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	190397	49.279	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	193911	49.565	ug/l	98
89) n-Butylbenzene	14.053	91	322164	51.448	ug/l	99
90) Hexachloroethane	14.329	117	71042	50.673	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	187886	50.388	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26937	54.075	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	94463	47.209	ug/l	98
94) Hexachlorobutadiene	15.500	225	40471	47.626	ug/l	98
95) Naphthalene	15.635	128	316364	51.968	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	91671	47.937	ug/l	98

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VSTDCCC050EC

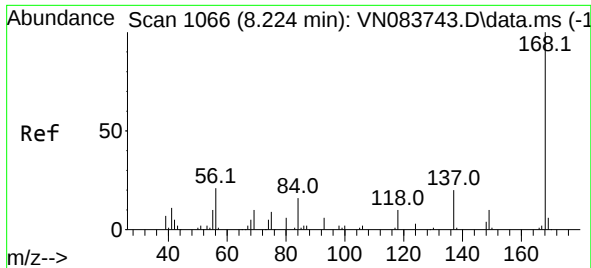
Manual Integrations
APPROVED

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Quant Time: Sep 25 01:42:08 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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

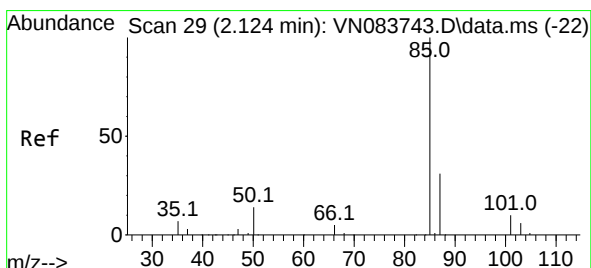
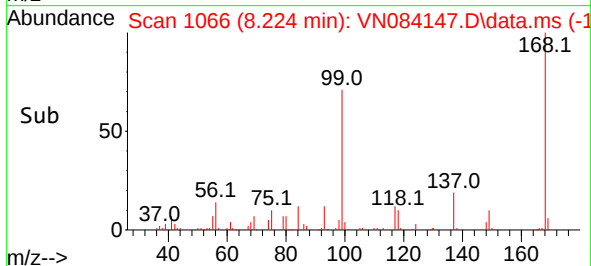
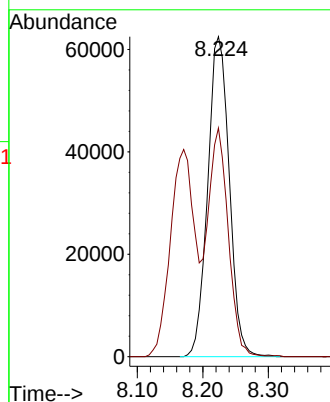
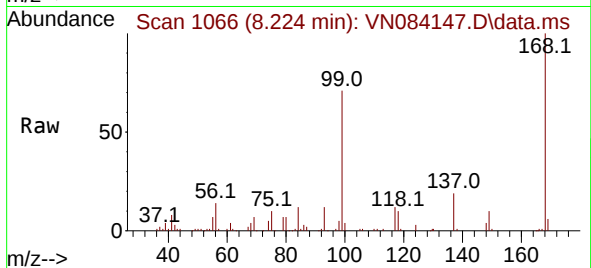
VSTDCCC050EC

Tgt Ion:168 Resp: 14287
Ion Ratio Lower Upper
168 100
99 71.2 54.2 81.2

Manual Integrations

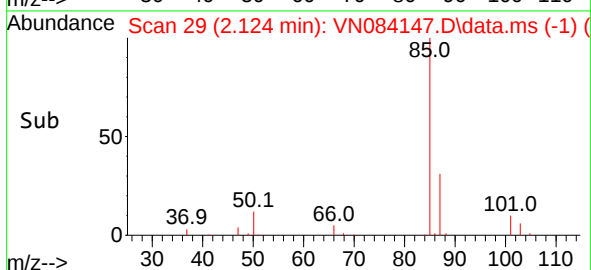
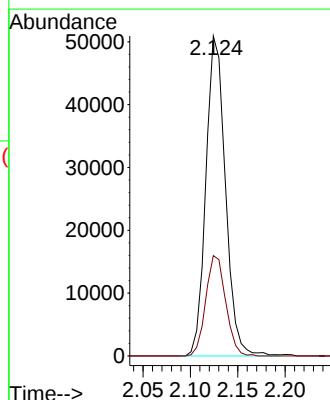
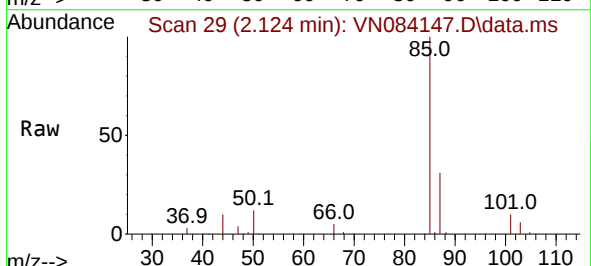
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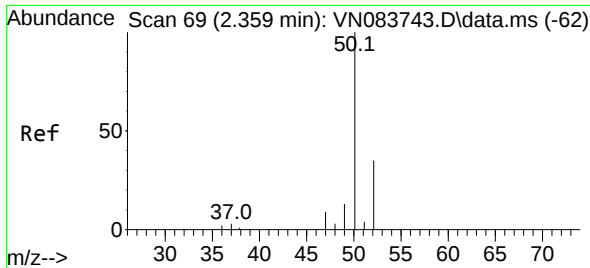
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#2
Dichlorodifluoromethane
Concen: 43.963 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

Tgt Ion: 85 Resp: 72945
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.0





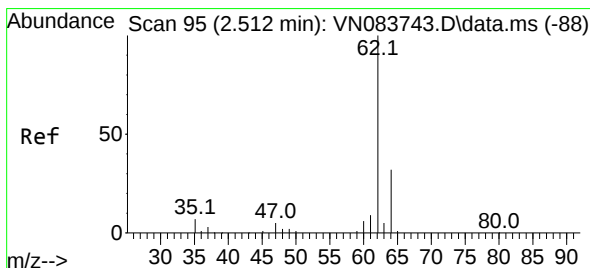
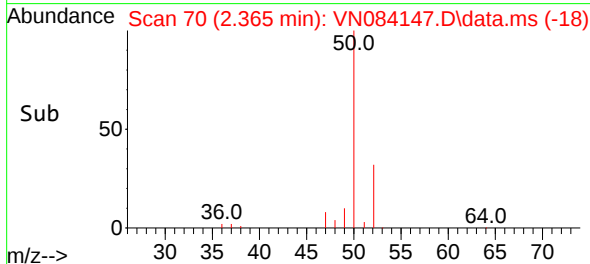
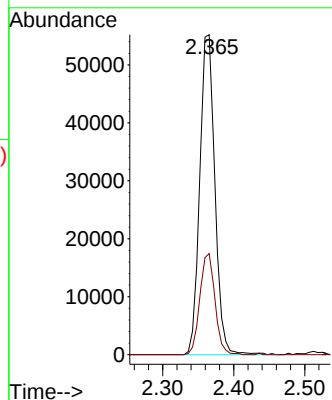
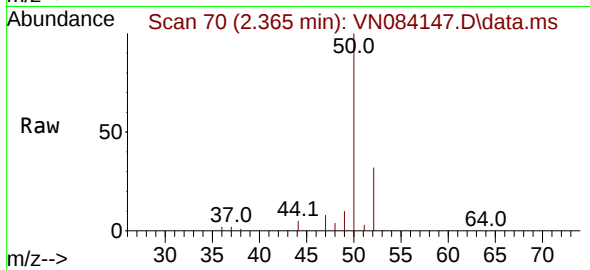
#3
Chloromethane
Concen: 48.399 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 82100
Ion Ratio Lower Upper
50 100
52 31.6 27.2 40.8

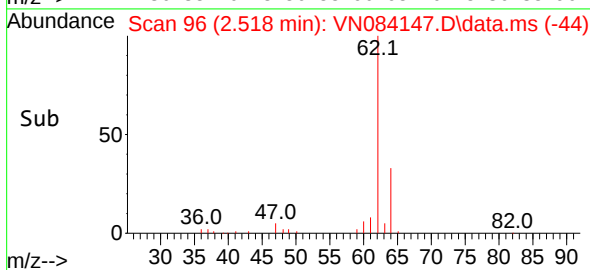
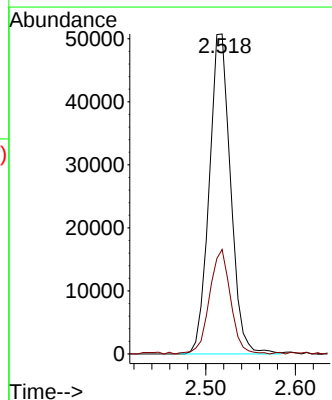
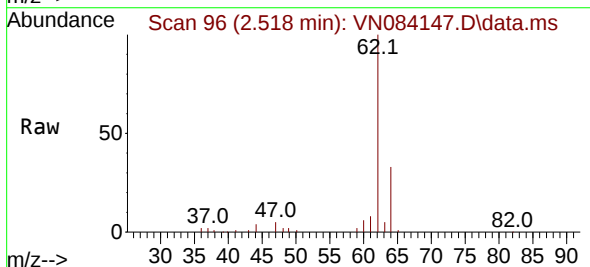
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#4
Vinyl Chloride
Concen: 46.166 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

Tgt Ion: 62 Resp: 83961
Ion Ratio Lower Upper
62 100
64 32.3 24.7 37.1





#5

Bromomethane

Concen: 49.059 ug/l

RT: 2.948 min Scan# 1

Delta R.T. 0.041 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 51228

Ion Ratio Lower Upper

94 100

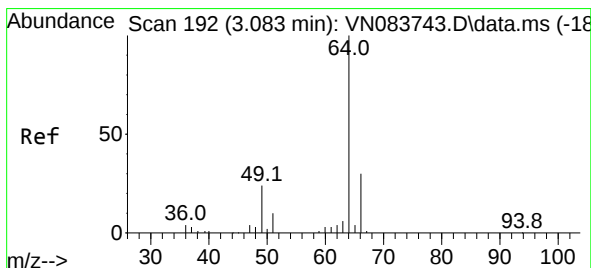
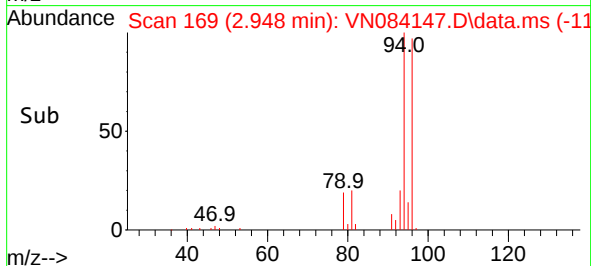
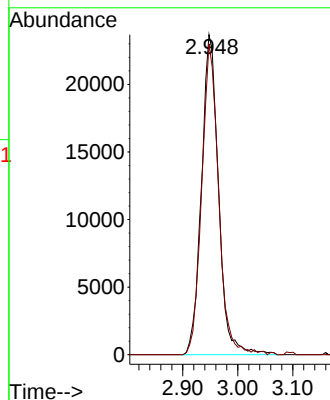
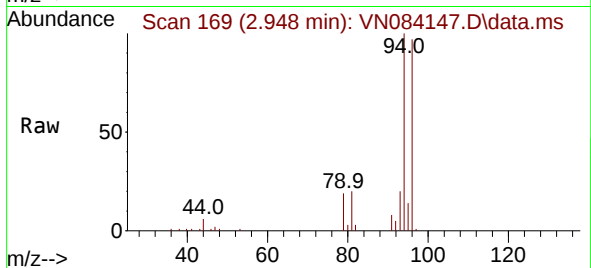
96 97.2 76.0 114.0

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#6

Chloroethane

Concen: 44.750 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.035 min

Lab File: VN084147.D

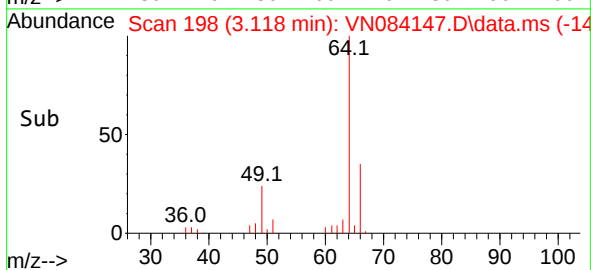
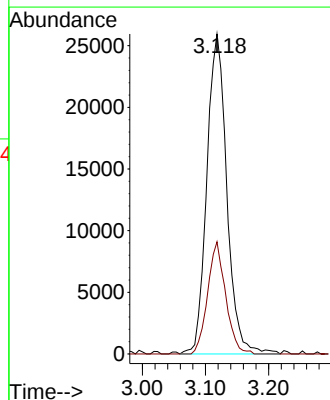
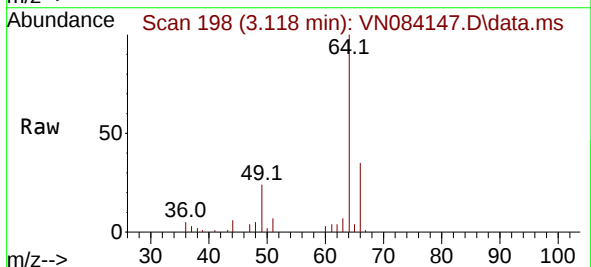
Acq: 24 Sep 2024 20:19

Tgt Ion: 64 Resp: 57089

Ion Ratio Lower Upper

64 100

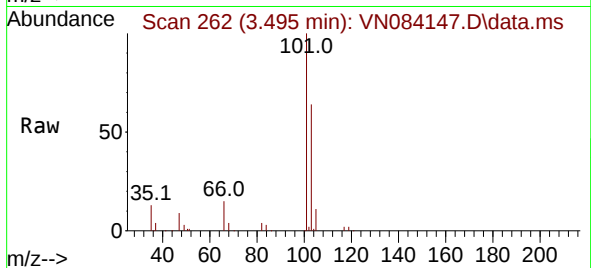
66 35.1 23.9 35.9





#7
 Trichlorofluoromethane
 Concen: 47.303 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.024 min
 Lab File: VN084147.D
 Acq: 24 Sep 2024 20:19

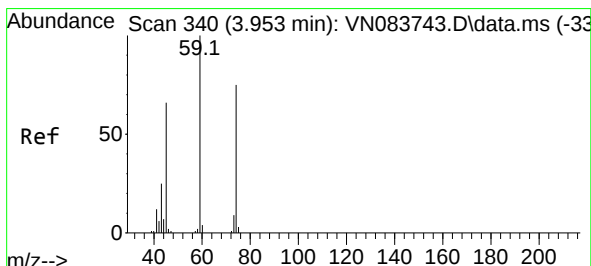
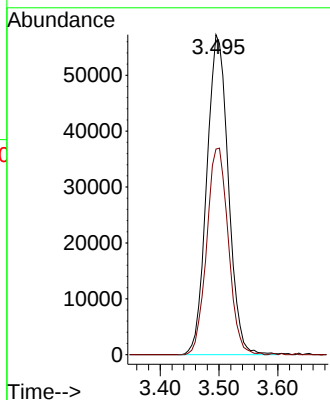
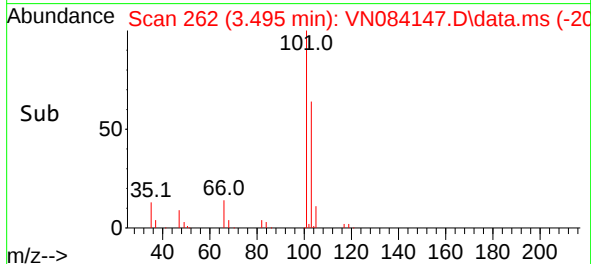
Instrument :
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Tgt Ion:101 Resp: 14603
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.0

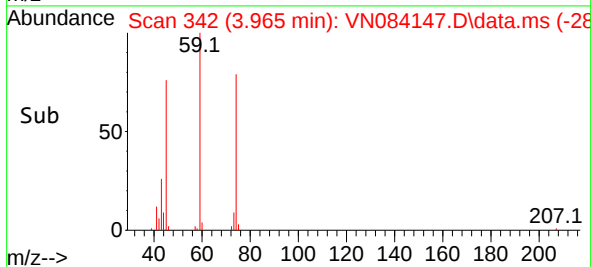
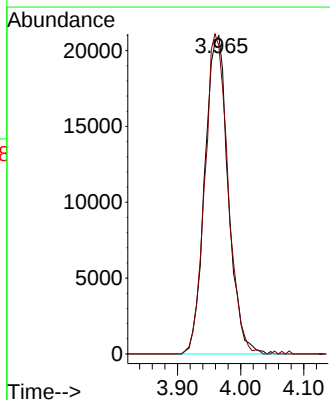
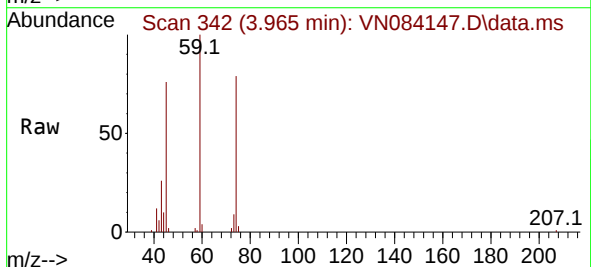
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#8
 Diethyl Ether
 Concen: 52.244 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN084147.D
 Acq: 24 Sep 2024 20:19

Tgt Ion: 74 Resp: 54064
 Ion Ratio Lower Upper
 74 100
 45 99.4 46.7 140.1





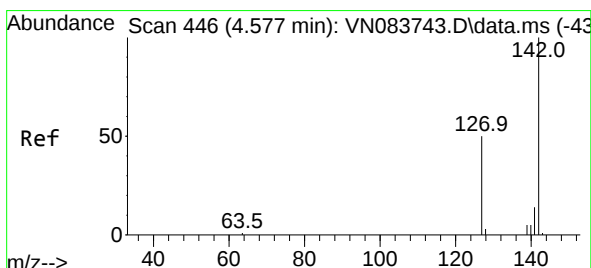
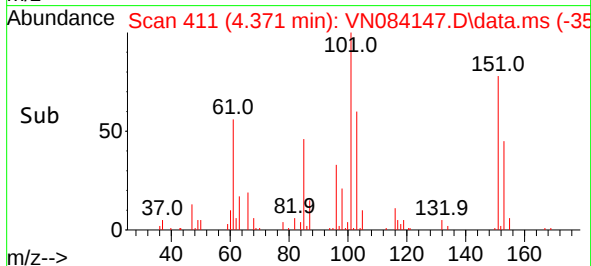
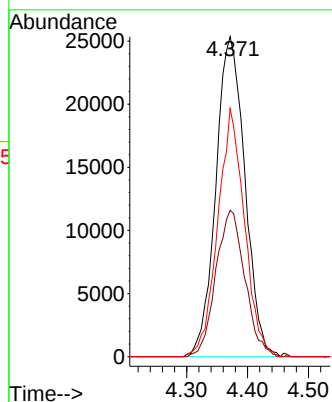
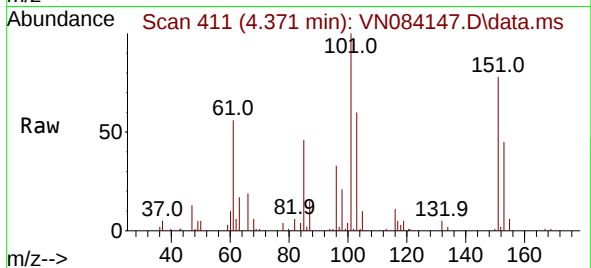
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.340 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 84008
Ion Ratio Lower Upper
101 100
85 45.7 36.2 54.4
151 71.4 57.7 86.5

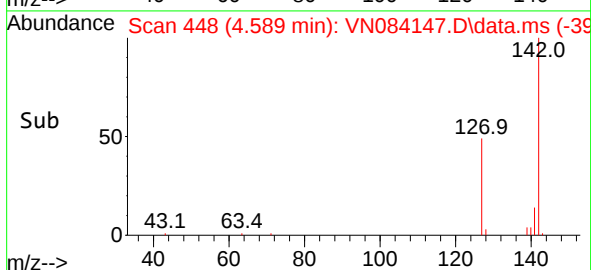
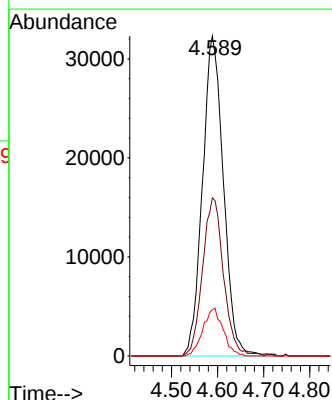
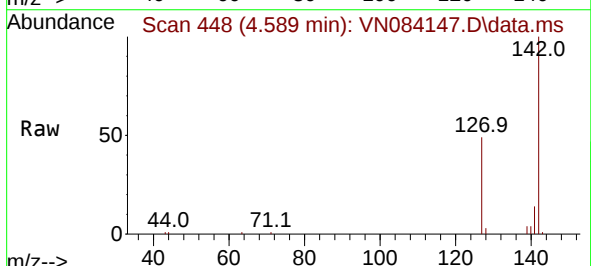
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#10
Methyl Iodide
Concen: 49.206 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

Tgt Ion:142 Resp: 102401
Ion Ratio Lower Upper
142 100
127 49.4 37.5 56.3
141 14.4 11.0 16.4





#11

Tert butyl alcohol

Concen: 331.610 ug/l

RT: 5.524 min Scan# 608

Delta R.T. -0.006 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 9564

Ion Ratio Lower Upper

59 100

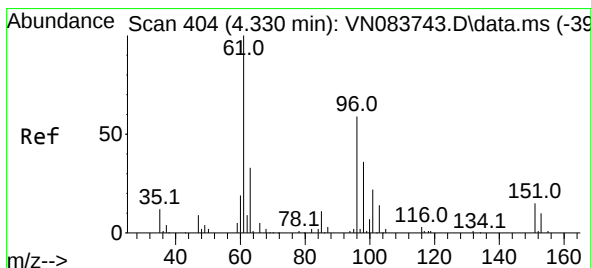
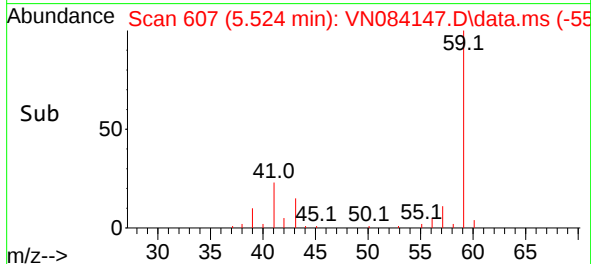
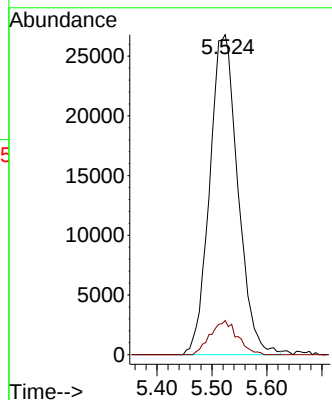
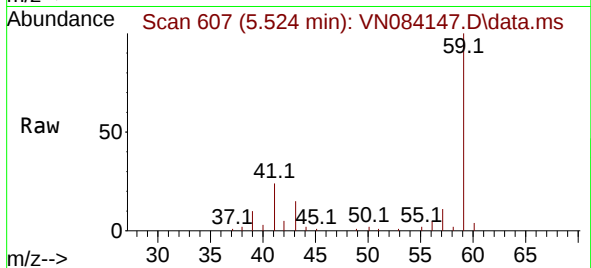
57 10.2 8.7 13.1

Manual Integrations

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Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#12

1,1-Dichloroethene

Concen: 50.961 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.012 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

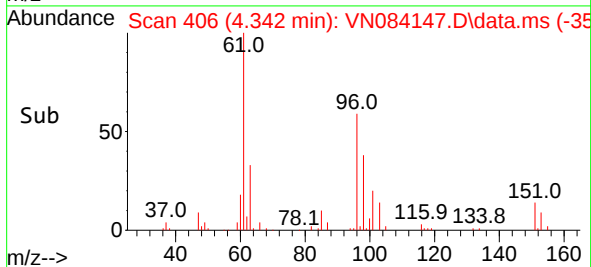
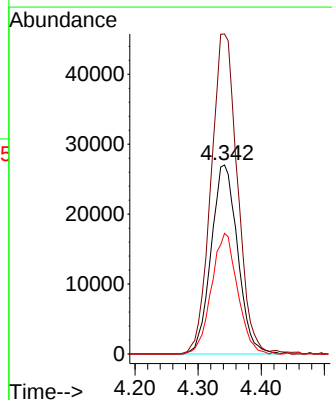
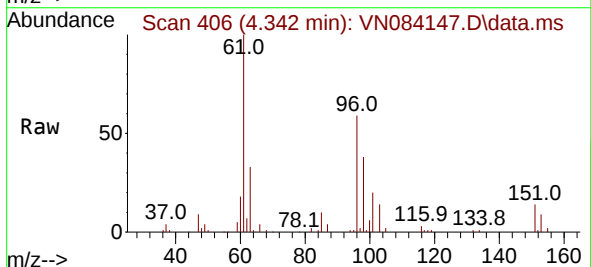
Tgt Ion: 96 Resp: 78751

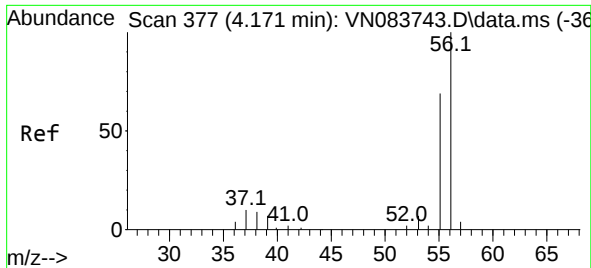
Ion Ratio Lower Upper

96 100

61 169.3 143.4 215.0

98 63.8 52.7 79.1





#13

Acrolein

Concen: 317.758 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 90440

Ion Ratio Lower Upper

56 100

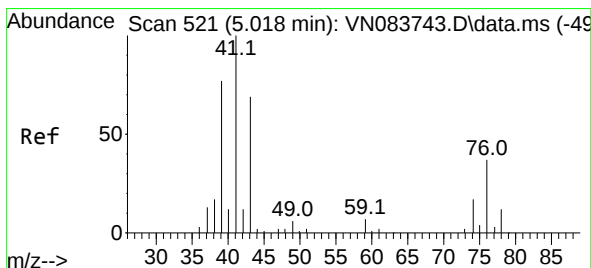
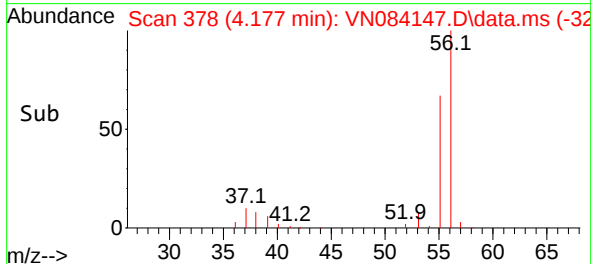
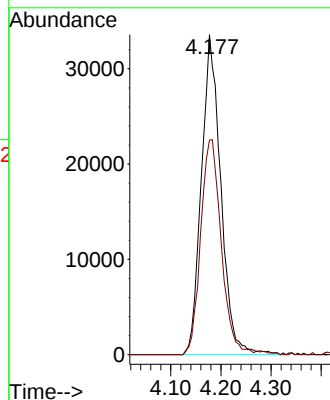
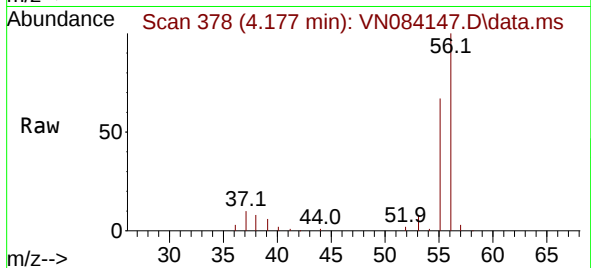
55 70.8 58.2 87.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#14

Allyl chloride

Concen: 48.068 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

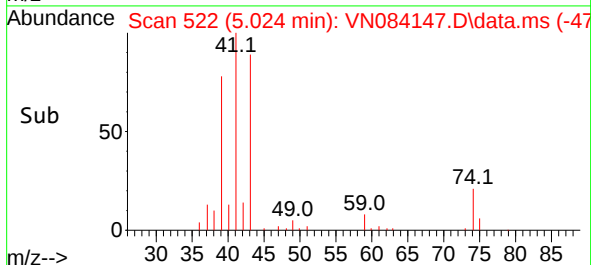
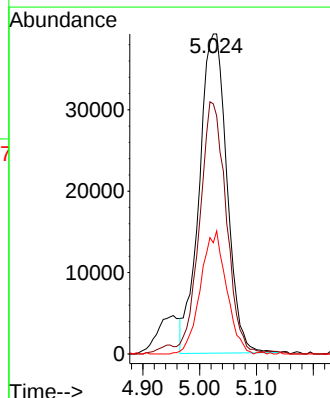
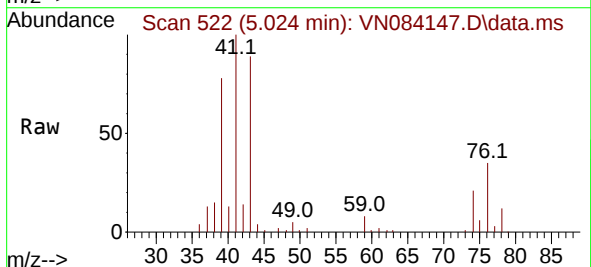
Tgt Ion: 41 Resp: 132358

Ion Ratio Lower Upper

41 100

39 75.1 59.3 88.9

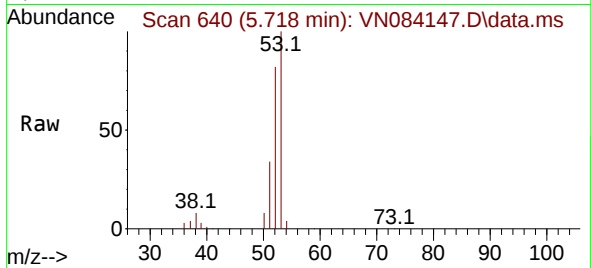
76 36.1 27.7 41.5





#15
Acrylonitrile
Concen: 302.867 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

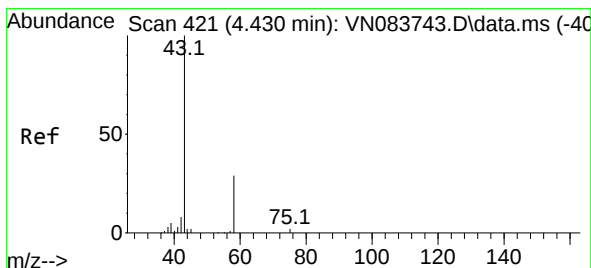
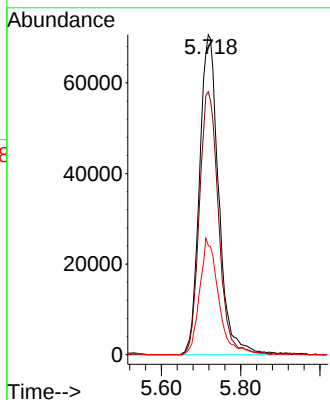
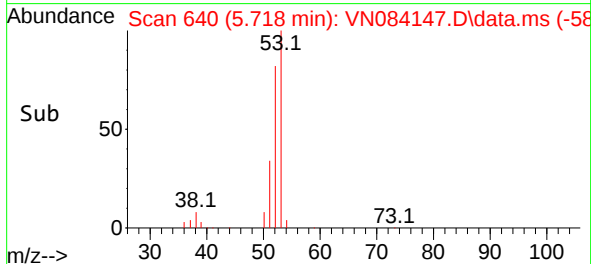
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 237610
Ion Ratio Lower Upper
53 100
52 81.7 66.1 99.1
51 36.0 29.6 44.4

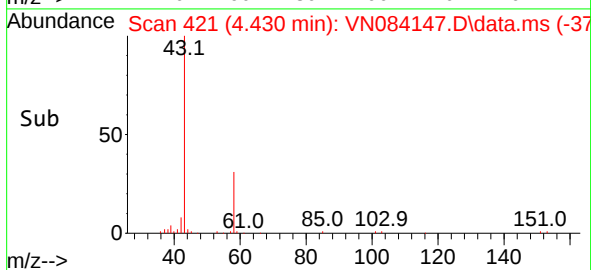
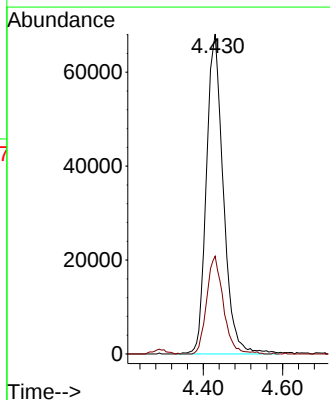
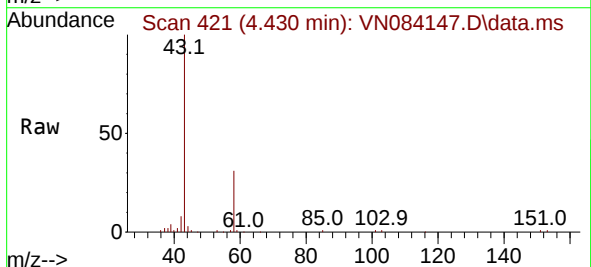
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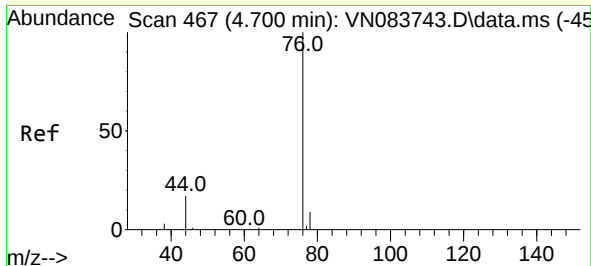
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#16
Acetone
Concen: 234.340 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

Tgt Ion: 43 Resp: 202380
Ion Ratio Lower Upper
43 100
58 30.6 23.7 35.5





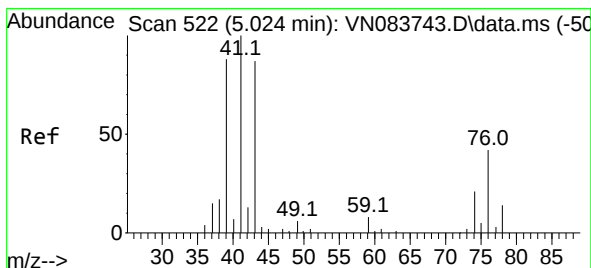
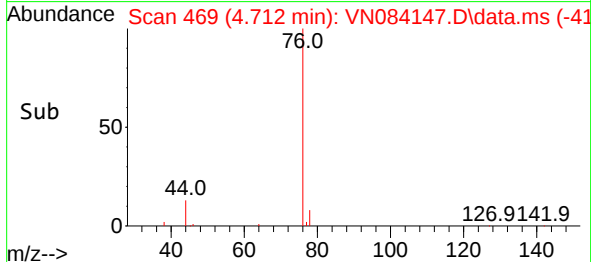
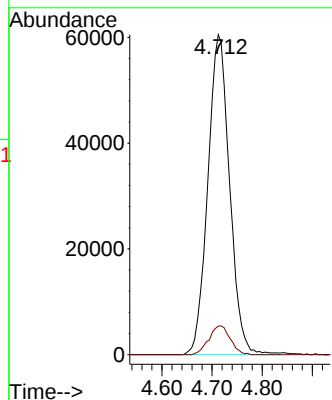
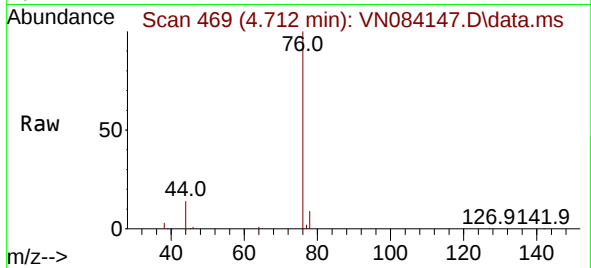
#17
Carbon Disulfide
Concen: 42.228 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 182539
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

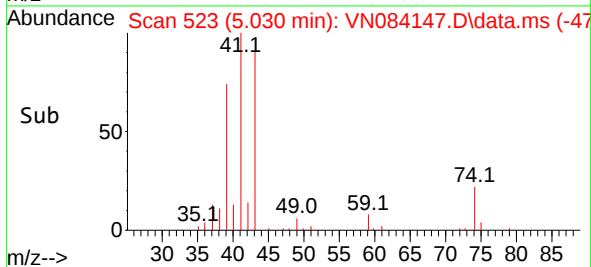
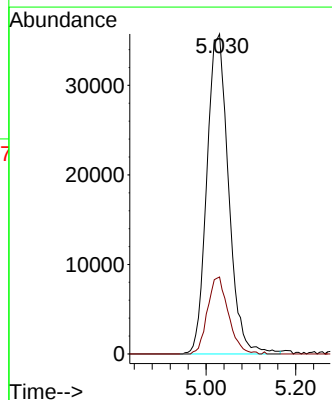
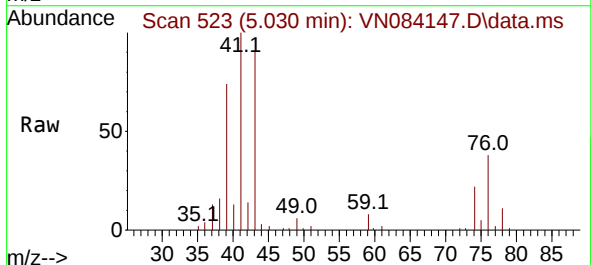
Manual Integrations
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Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#18
Methyl Acetate
Concen: 67.519 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

Tgt Ion: 43 Resp: 120323
Ion Ratio Lower Upper
43 100
74 23.1 19.0 28.4





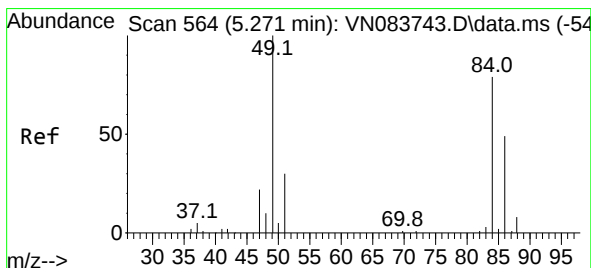
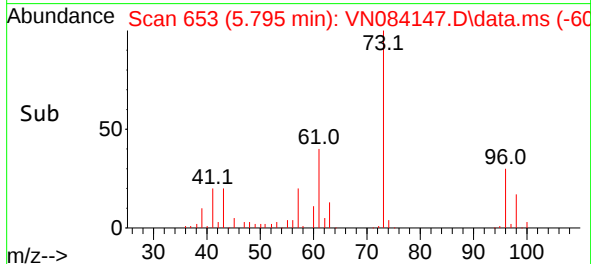
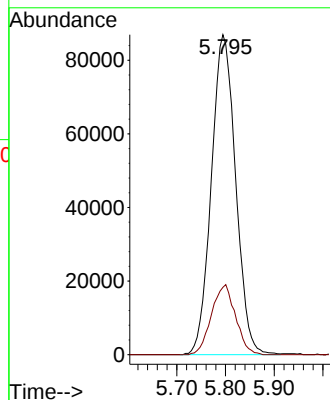
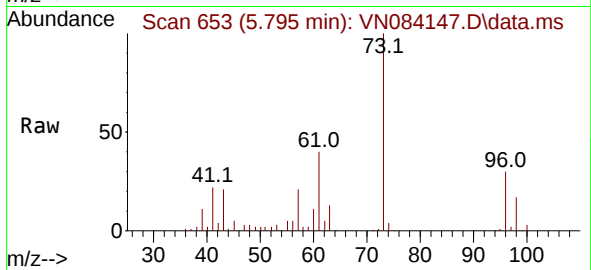
#19
Methyl tert-butyl Ether
Concen: 53.920 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 301510
Ion Ratio Lower Upper
73 100
57 21.1 17.0 25.6

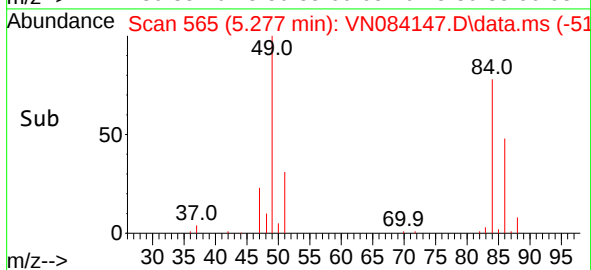
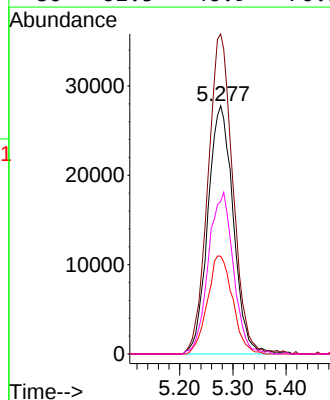
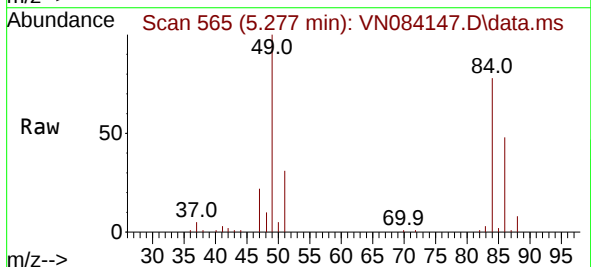
Manual Integrations
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Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#20
Methylene Chloride
Concen: 51.923 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

Tgt Ion: 84 Resp: 91763
Ion Ratio Lower Upper
84 100
49 128.9 93.4 140.0
51 39.4 29.2 43.8
86 61.5 46.9 70.3





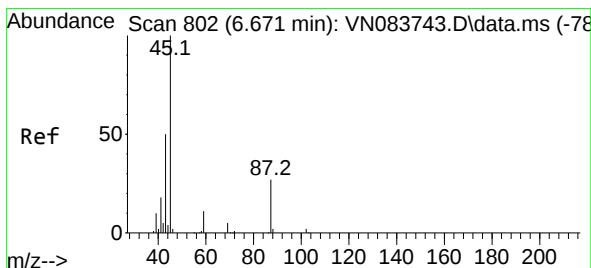
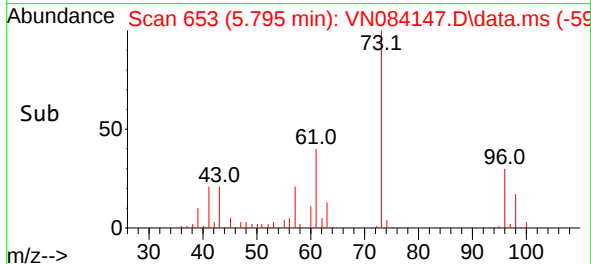
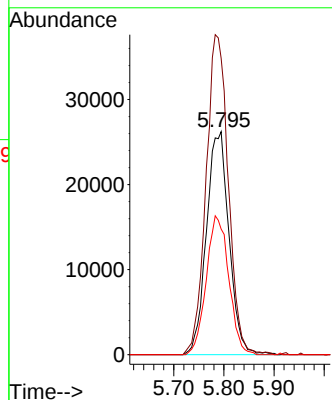
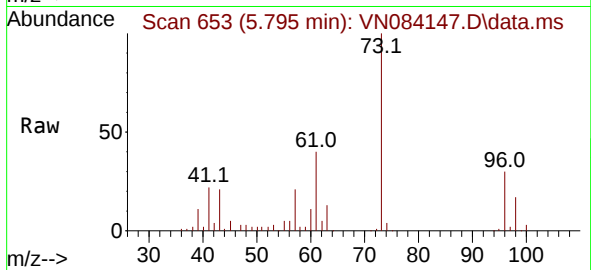
#21
trans-1,2-Dichloroethene
Concen: 49.567 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 82089
Ion Ratio Lower Upper
96 100
61 132.8 106.0 159.0
98 56.3 52.2 78.2

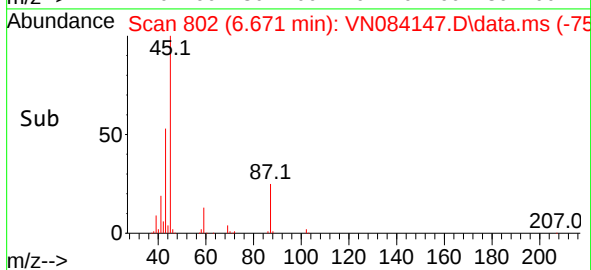
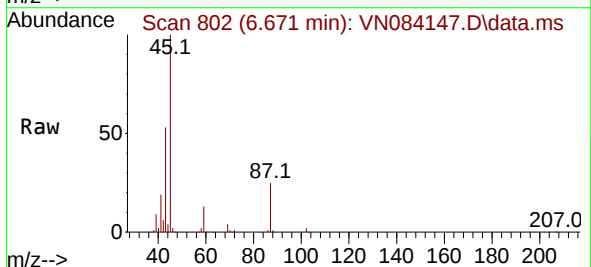
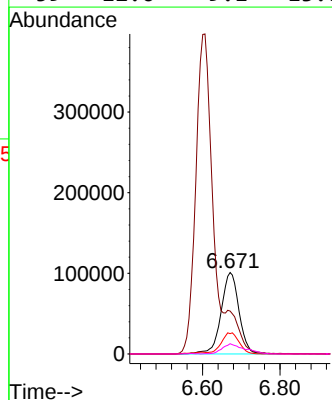
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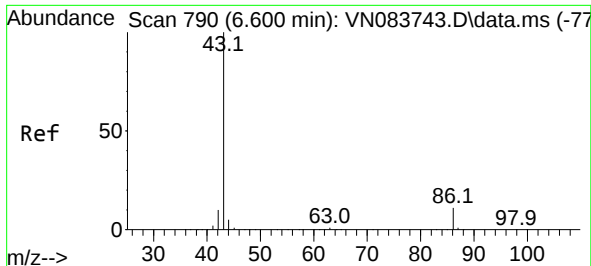
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#22
Diisopropyl ether
Concen: 57.189 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

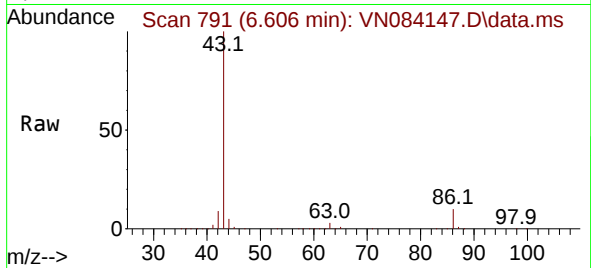
Tgt Ion: 45 Resp: 324163
Ion Ratio Lower Upper
45 100
43 52.0 43.4 65.0
87 25.0 22.6 33.8
59 12.6 9.1 13.7





#23
 Vinyl Acetate
 Concen: 282.265 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN084147.D
 Acq: 24 Sep 2024 20:19

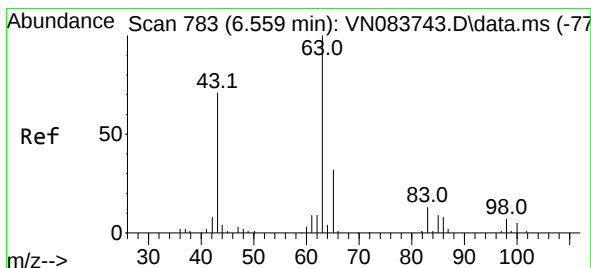
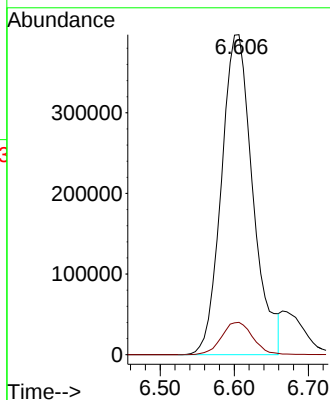
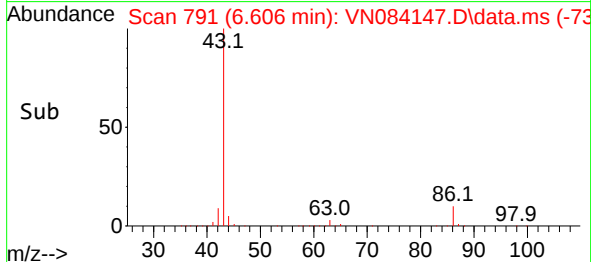
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



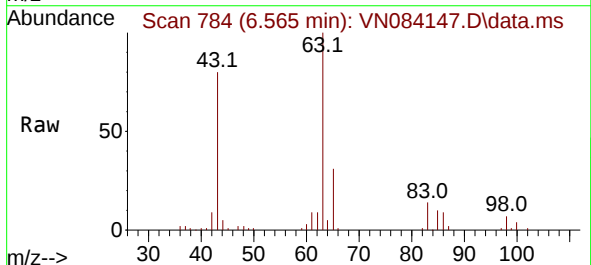
Tgt Ion: 43 Resp: 1171674
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.7 13.1

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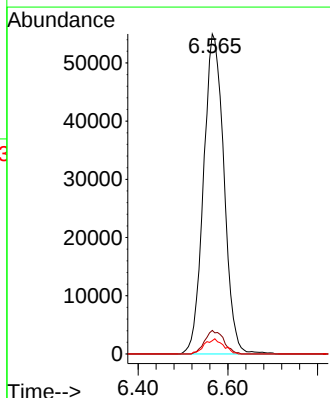
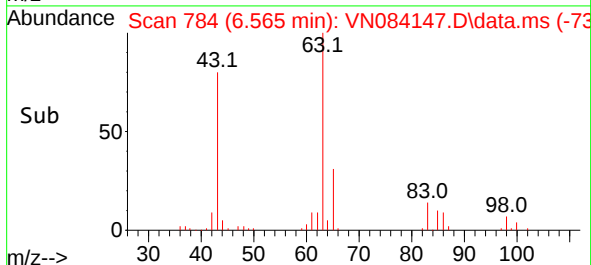
Reviewed By :John Carlone 09/25/2024
 Supervised By :Mahesh Dadoda 09/25/2024



#24
 1,1-Dichloroethane
 Concen: 53.048 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.006 min
 Lab File: VN084147.D
 Acq: 24 Sep 2024 20:19



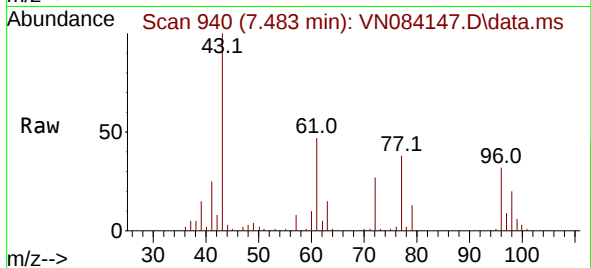
Tgt Ion: 63 Resp: 173235
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.1 2.5 7.5





#25
2-Butanone
Concen: 274.768 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

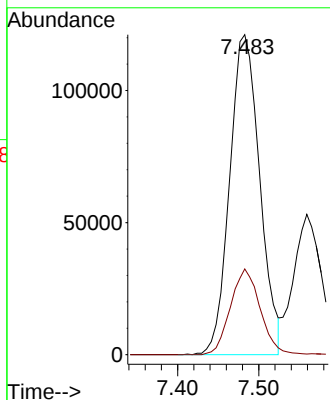
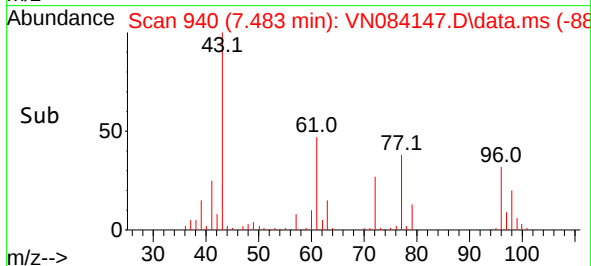
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



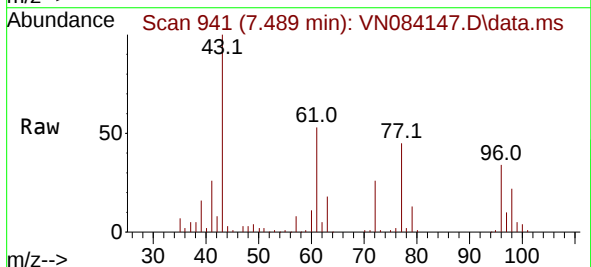
Tgt Ion: 43 Resp: 31188
Ion Ratio Lower Upper
43 100
72 26.8 20.8 31.2

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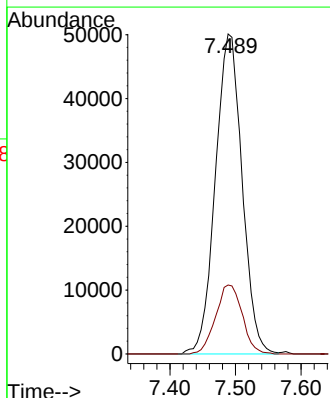
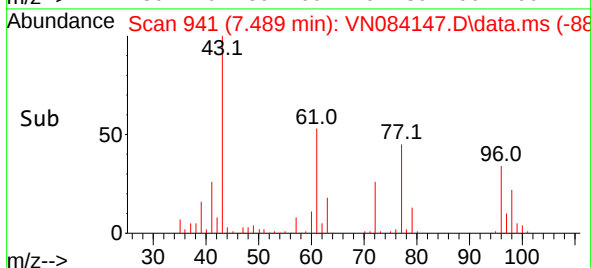
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#26
2,2-Dichloropropane
Concen: 47.114 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19



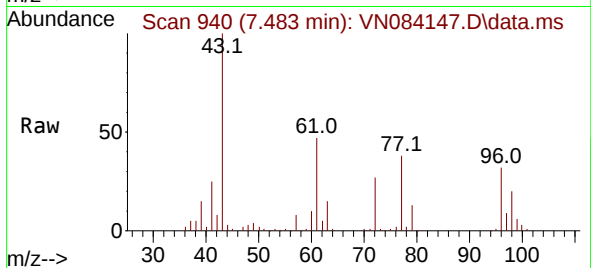
Tgt Ion: 77 Resp: 141689
Ion Ratio Lower Upper
77 100
97 21.4 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 53.600 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN084147.D
 Acq: 24 Sep 2024 20:19

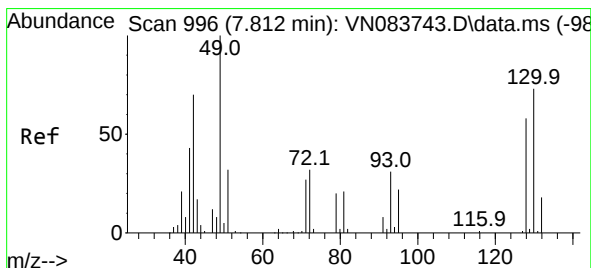
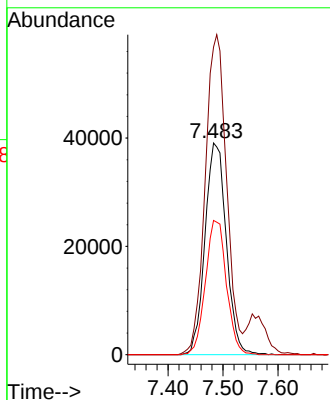
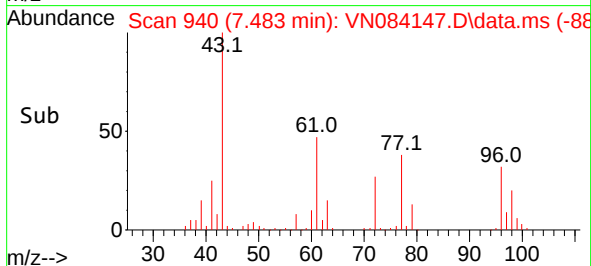
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 105375
 Ion Ratio Lower Upper
 96 100
 61 151.4 0.0 306.2
 98 62.5 0.0 128.6

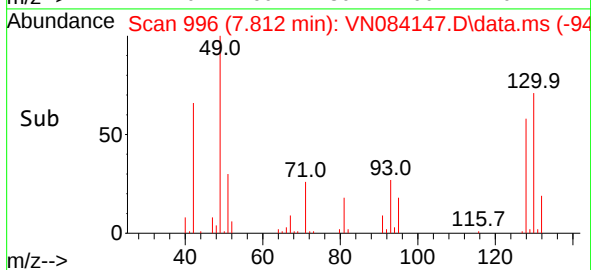
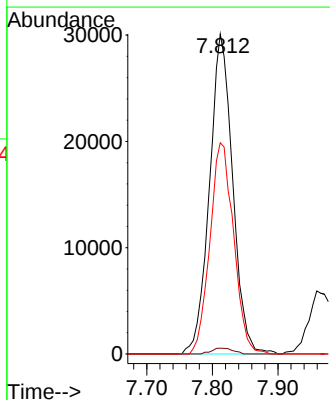
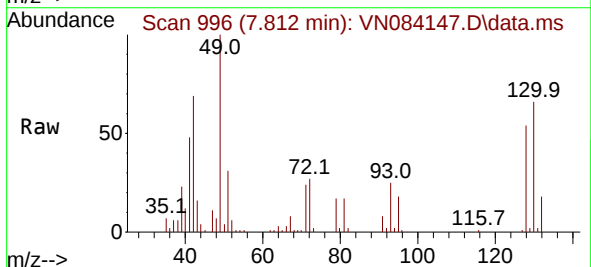
Manual Integrations
 APPROVED

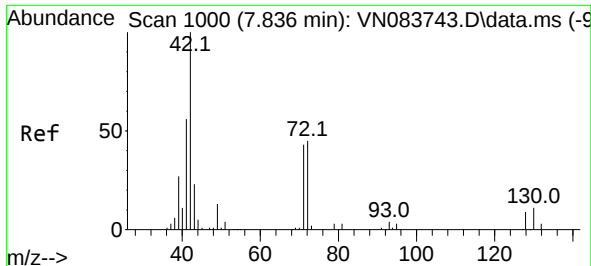
Reviewed By :John Carlone 09/25/2024
 Supervised By :Mahesh Dadoda 09/25/2024



#28
 Bromochloromethane
 Concen: 53.684 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN084147.D
 Acq: 24 Sep 2024 20:19

Tgt Ion: 49 Resp: 73828
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 67.4 60.2 90.2





#29

Tetrahydrofuran

Concen: 307.946 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

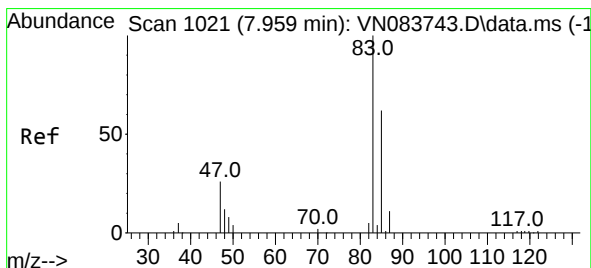
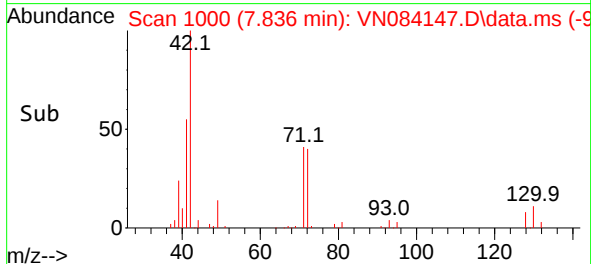
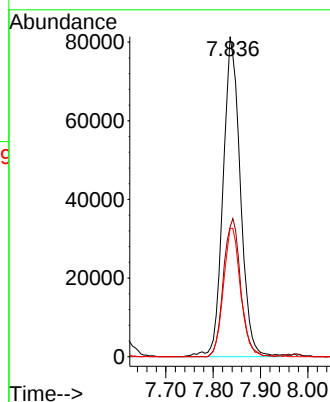
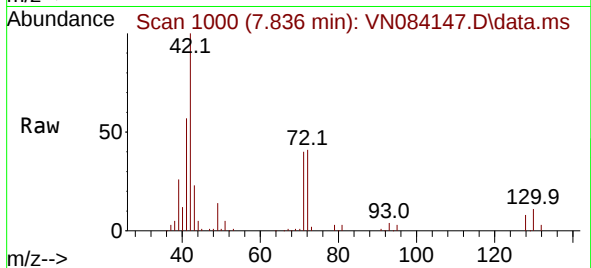
Tgt Ion:	42	Resp:	20668
Ion Ratio	Lower	Upper	
42	100		
72	42.8	35.9	53.9
71	39.9	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#30

Chloroform

Concen: 53.238 ug/l

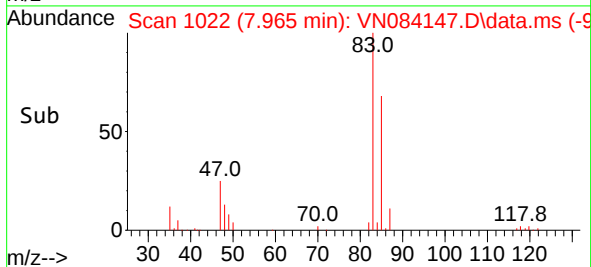
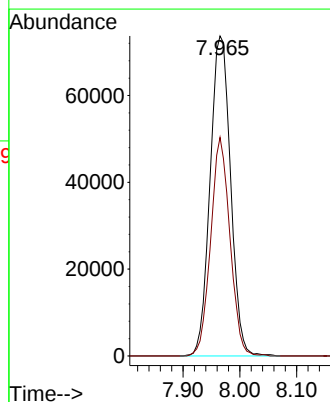
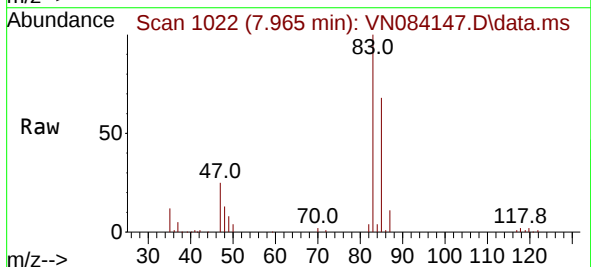
RT: 7.965 min Scan# 1022

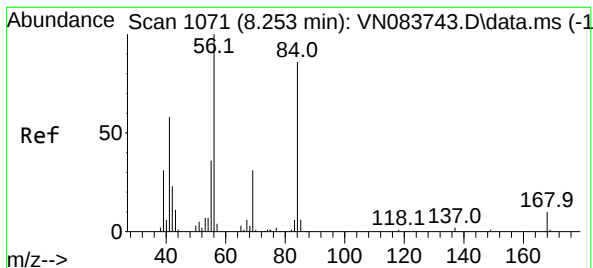
Delta R.T. 0.006 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Tgt Ion:	83	Resp:	184571
Ion Ratio	Lower	Upper	
83	100		
85	68.3	52.8	79.2





#31

Cyclohexane

Concen: 45.176 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 140659

Ion Ratio Lower Upper

56 100

69 32.7 26.9 40.3

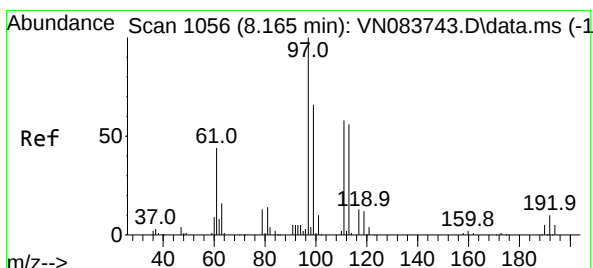
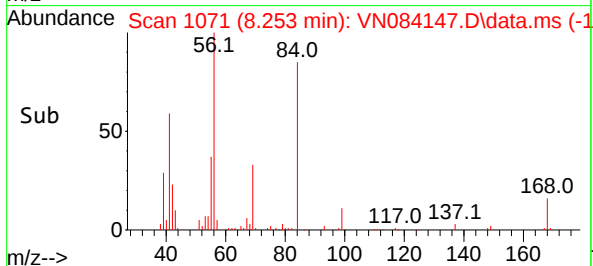
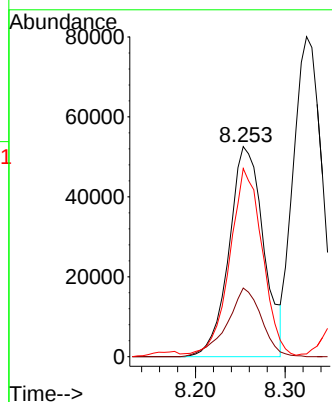
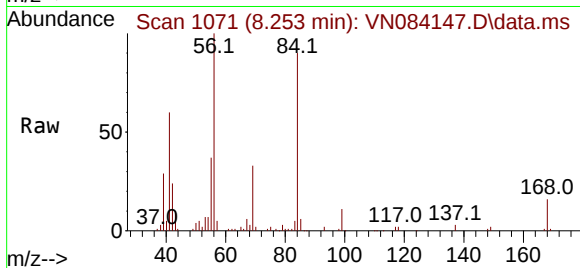
84 88.2 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#32

1,1,1-Trichloroethane

Concen: 51.746 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

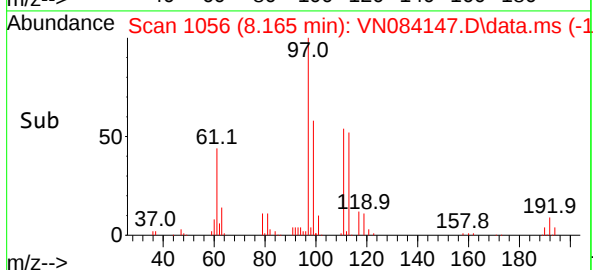
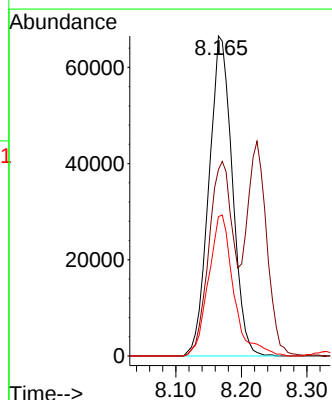
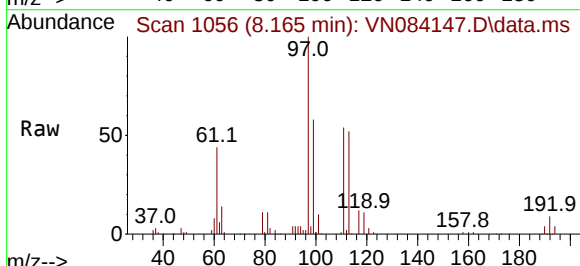
Tgt Ion: 97 Resp: 164957

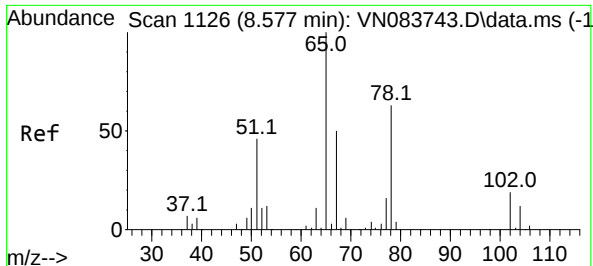
Ion Ratio Lower Upper

97 100

99 62.4 52.3 78.5

61 47.4 38.2 57.2





#33
 1,2-Dichloroethane-d4
 Concen: 49.539 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084147.D
 Acq: 24 Sep 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

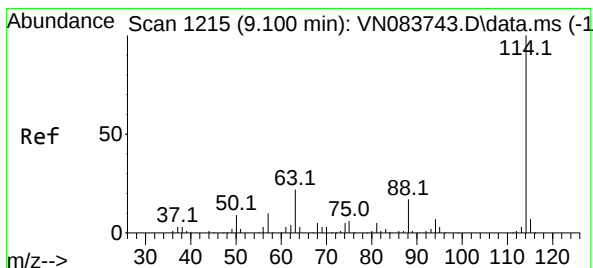
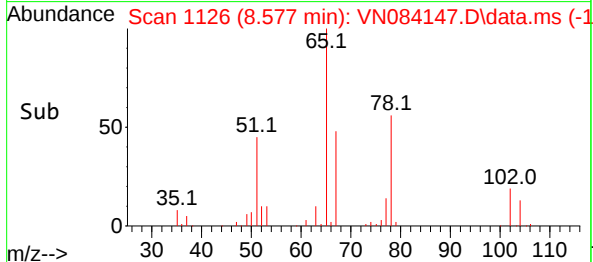
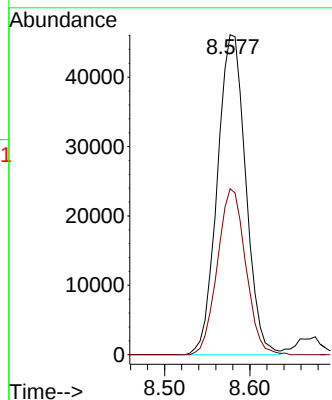
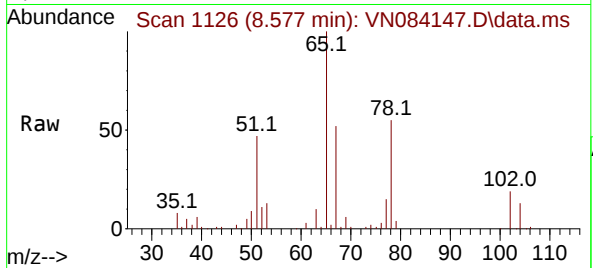
VSTDCCC050EC

Tgt Ion: 65 Resp: 106722
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.8

Manual Integrations

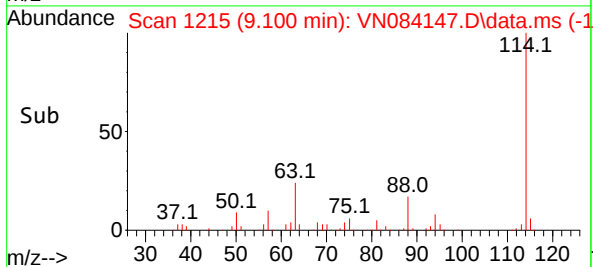
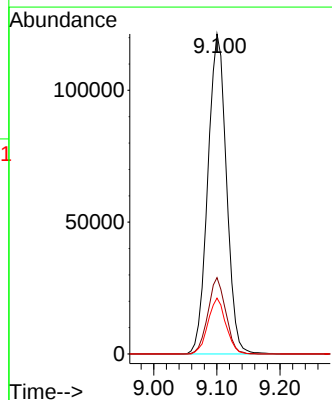
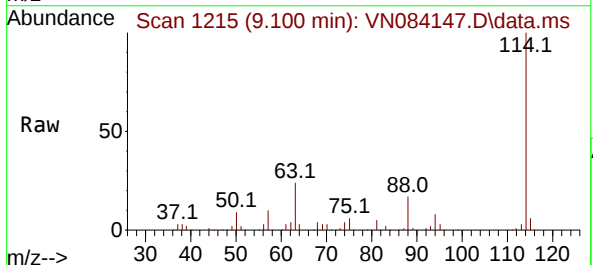
APPROVED

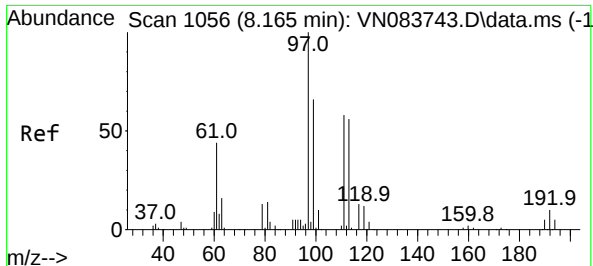
Reviewed By :John Carlone 09/25/2024
 Supervised By :Mahesh Dadoda 09/25/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084147.D
 Acq: 24 Sep 2024 20:19

Tgt Ion:114 Resp: 248523
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 43.4
 88 17.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.624 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

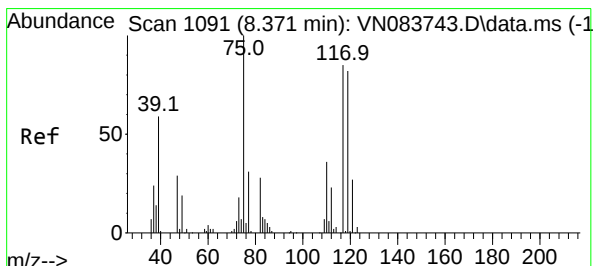
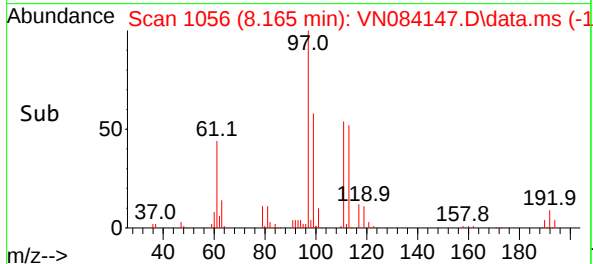
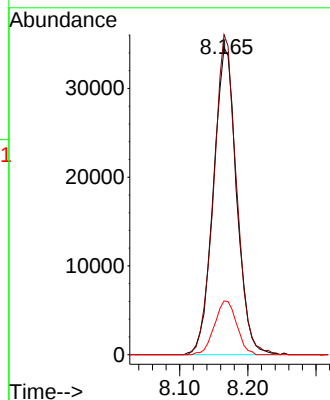
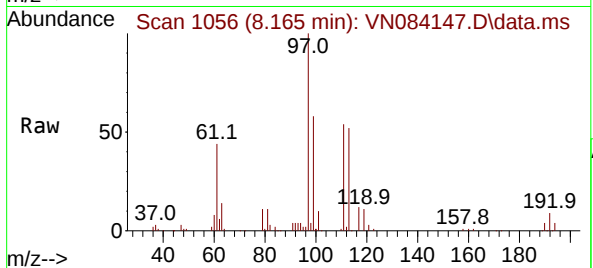
Tgt Ion:	113	Resp:	8213
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.6	124.0
192	16.7	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#36

1,1-Dichloropropene

Concen: 49.392 ug/l

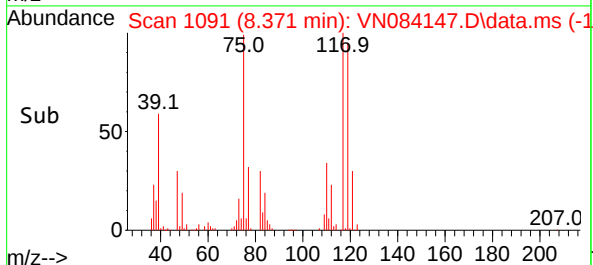
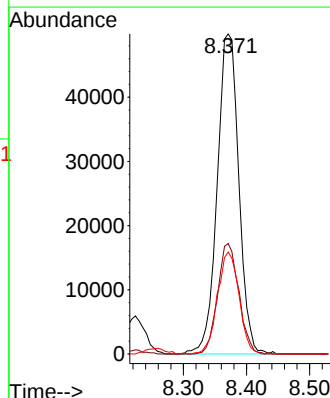
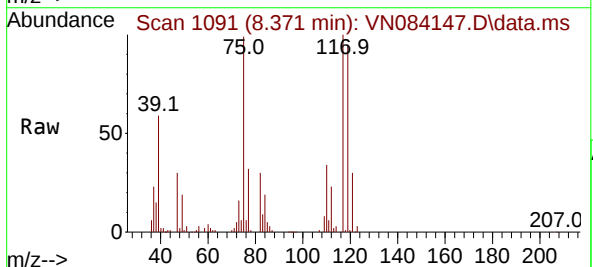
RT: 8.371 min Scan# 1091

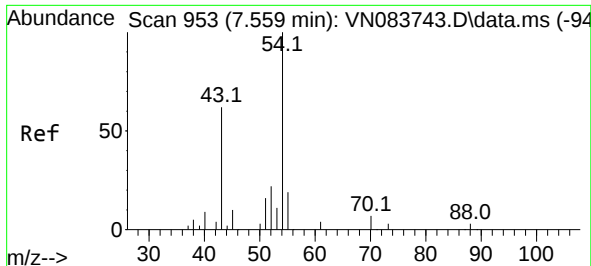
Delta R.T. 0.000 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Tgt Ion:	75	Resp:	118279
Ion Ratio	Lower	Upper	
75	100		
110	33.8	16.7	50.1
77	31.7	25.2	37.8





#37

Ethyl Acetate

Concen: 60.856 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 13228

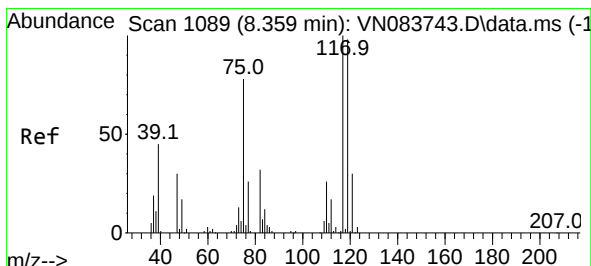
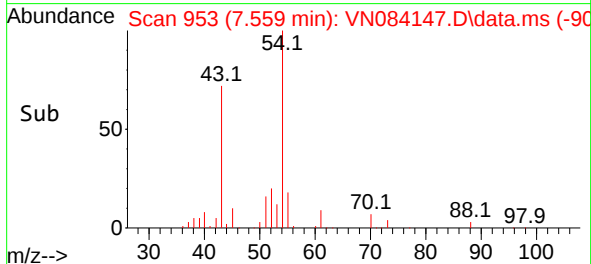
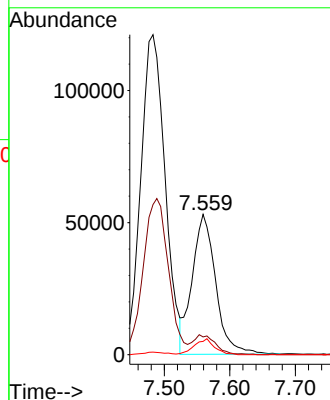
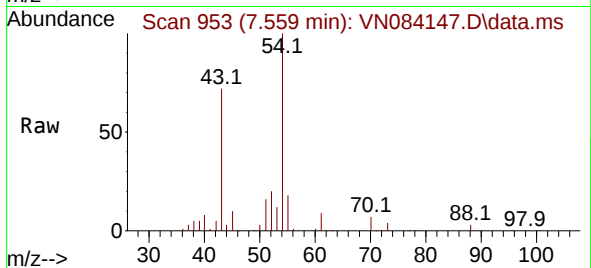
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.1	16.7
70	9.7	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#38

Carbon Tetrachloride

Concen: 51.266 ug/l

RT: 8.365 min Scan# 1090

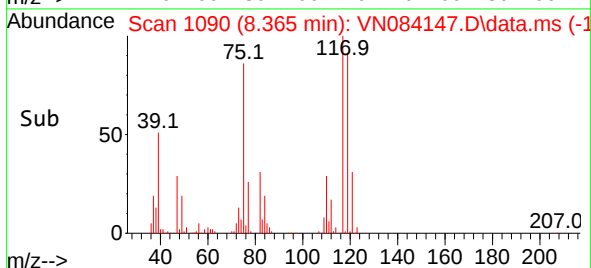
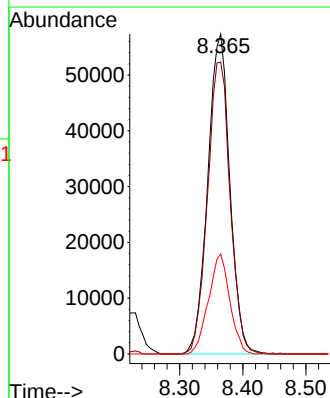
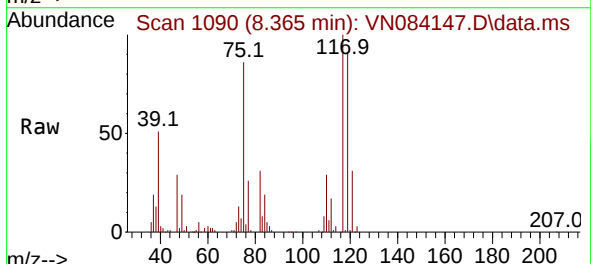
Delta R.T. 0.006 min

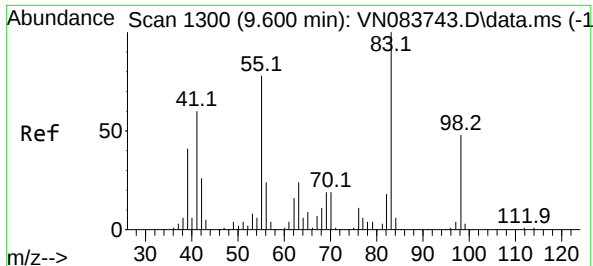
Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Tgt Ion:117 Resp: 139277

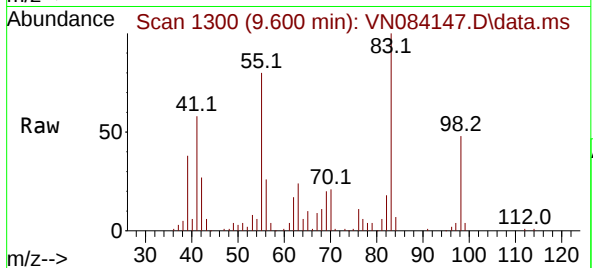
Ion	Ratio	Lower	Upper
117	100		
119	91.2	76.1	114.1
121	31.3	24.1	36.1





#39
Methylcyclohexane
Concen: 46.940 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

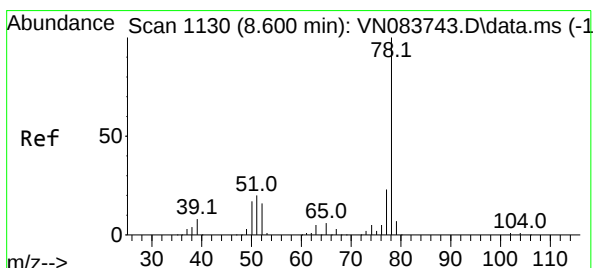
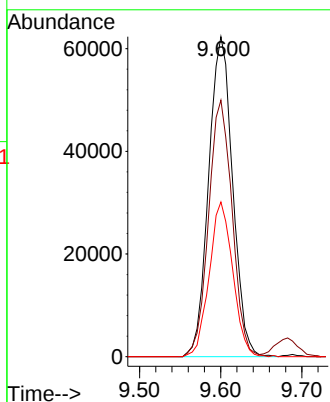
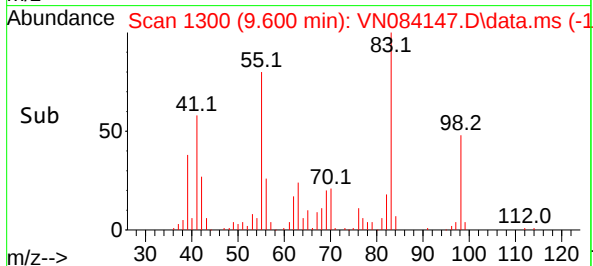
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 127948
Ion Ratio Lower Upper
83 100
55 80.2 62.2 93.4
98 48.3 37.6 56.4

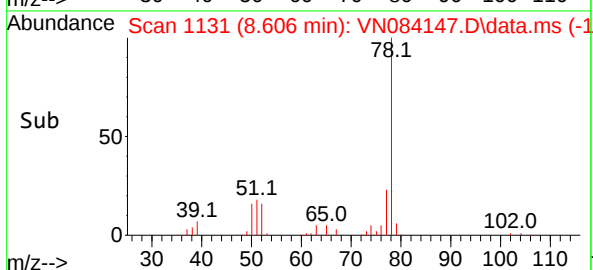
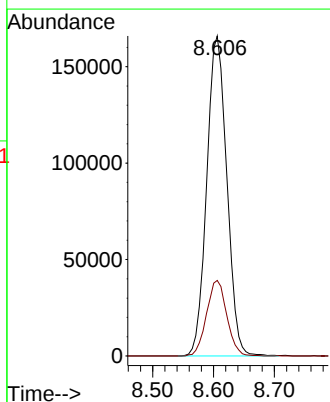
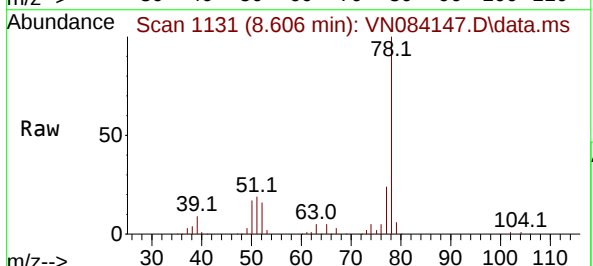
Manual Integrations
APPROVED

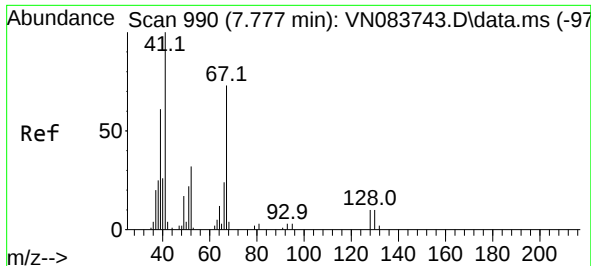
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#40
Benzene
Concen: 52.730 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

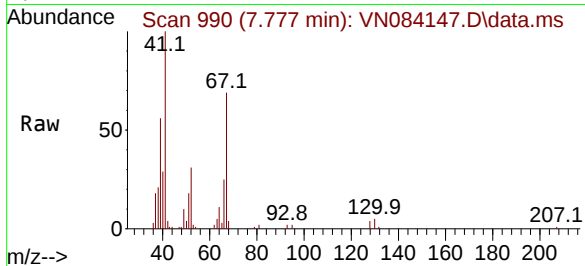
Tgt Ion: 78 Resp: 380067
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 59.232 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

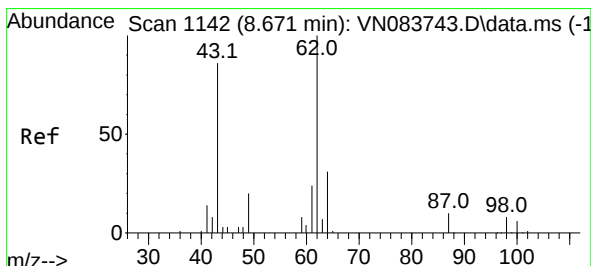
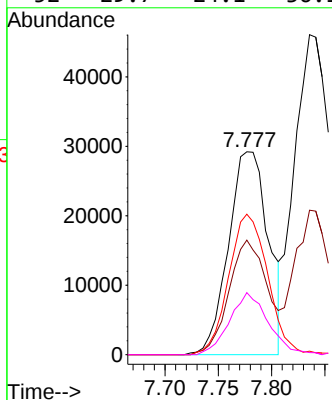
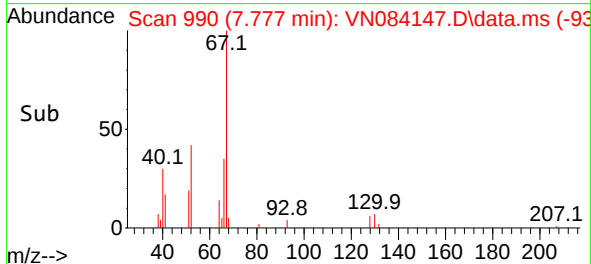
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



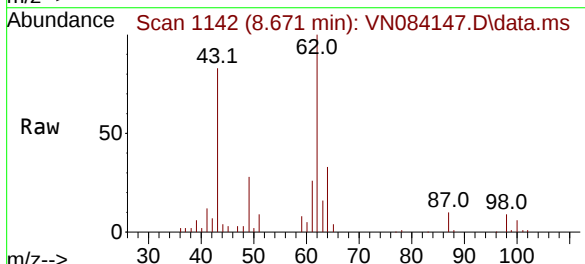
Tgt Ion: 41 Resp: 76150
Ion Ratio Lower Upper
41 100
39 54.0 45.4 68.2
67 68.1 55.9 83.9
52 29.7 24.1 36.1

Manual Integrations
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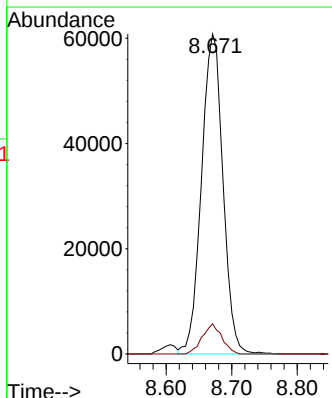
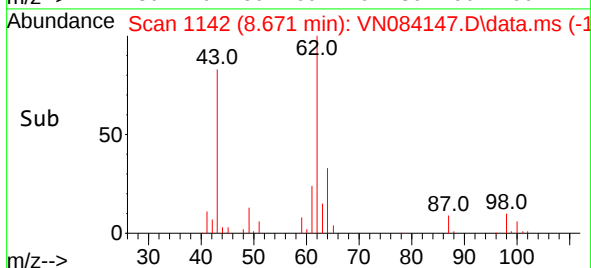
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

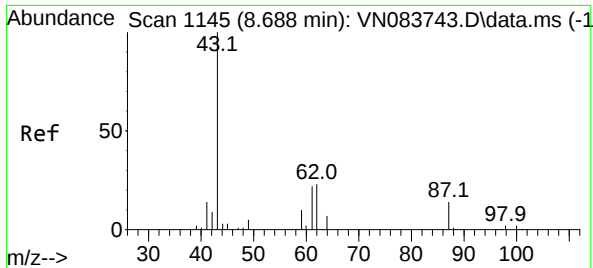


#42
1,2-Dichloroethane
Concen: 51.426 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19



Tgt Ion: 62 Resp: 138505
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.6





#43

Isopropyl Acetate

Concen: 57.636 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

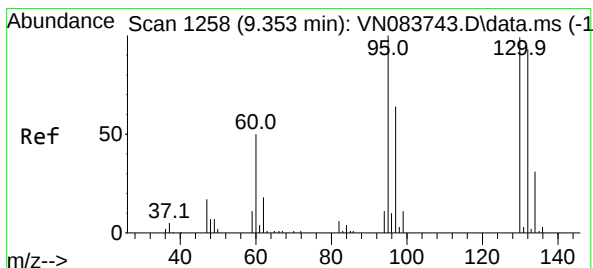
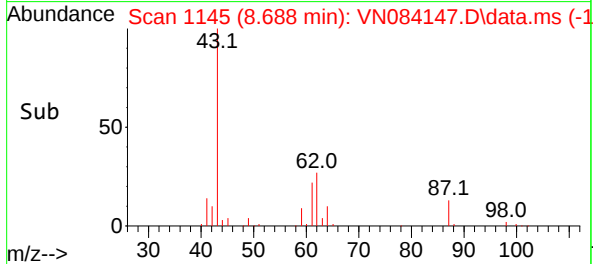
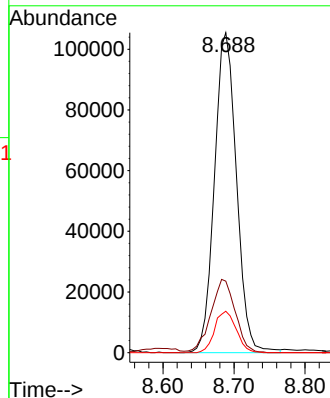
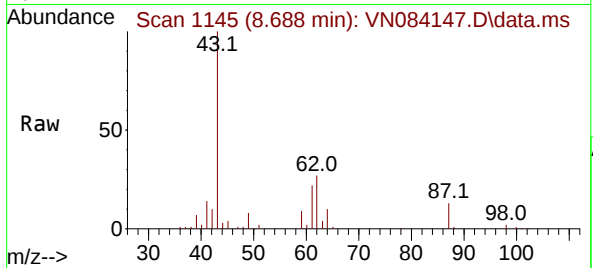
Tgt Ion: 43	Resp: 227028
Ion Ratio	Lower Upper
43 100	
61 25.5	19.4 29.0
87 12.7	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#44

Trichloroethene

Concen: 53.075 ug/l

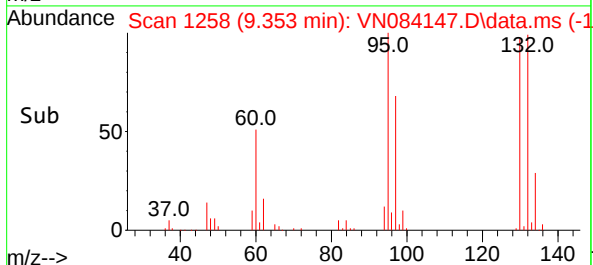
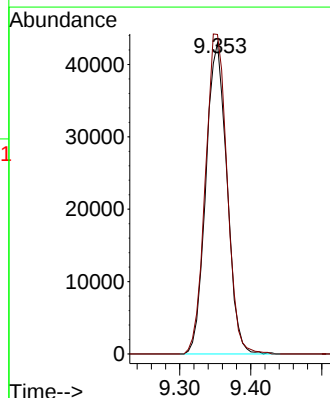
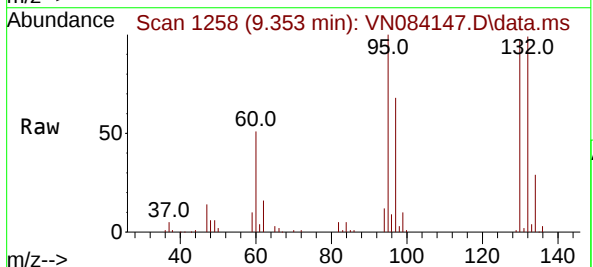
RT: 9.353 min Scan# 1258

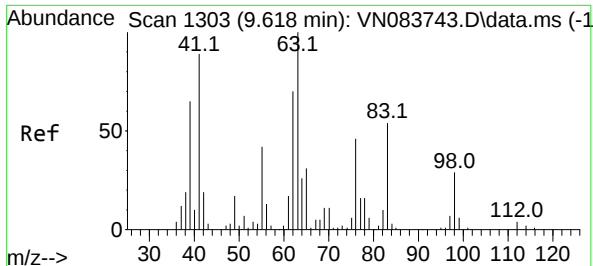
Delta R.T. 0.000 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Tgt Ion:130	Resp: 88588
Ion Ratio	Lower Upper
130 100	
95 102.8	0.0 200.4





#45

1,2-Dichloropropane

Concen: 55.103 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

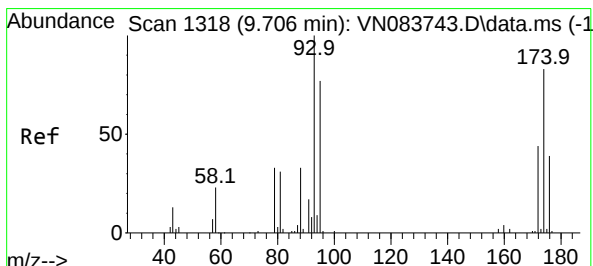
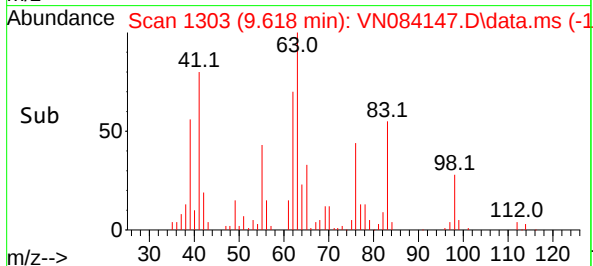
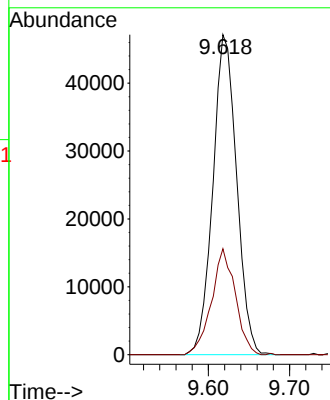
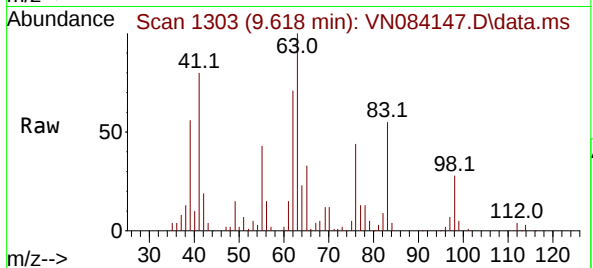
Tgt Ion: 63 Resp: 9594
 Ion Ratio Lower Upper
 63 100
 65 33.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#46

Dibromomethane

Concen: 55.126 ug/l

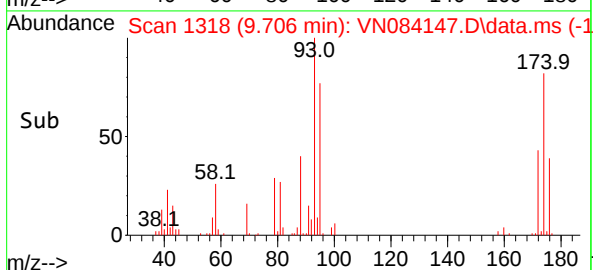
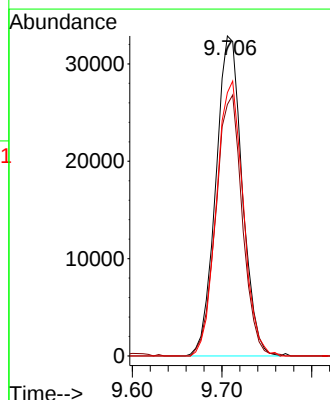
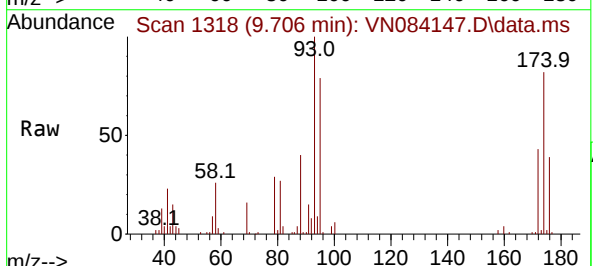
RT: 9.706 min Scan# 1318

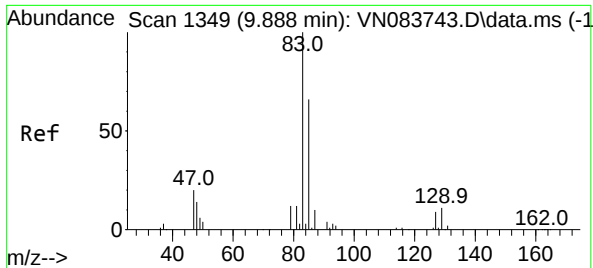
Delta R.T. 0.000 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

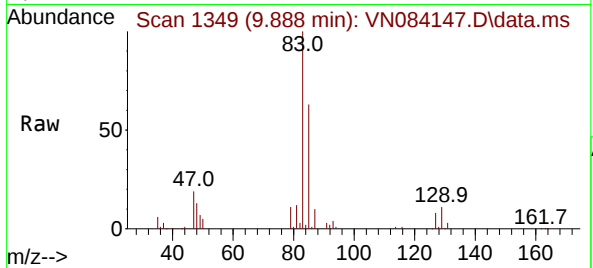
Tgt Ion: 93 Resp: 67265
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.3 97.9
 174 86.8 71.0 106.4





#47
Bromodichloromethane
Concen: 56.664 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

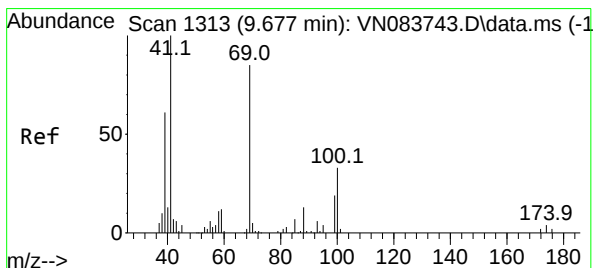
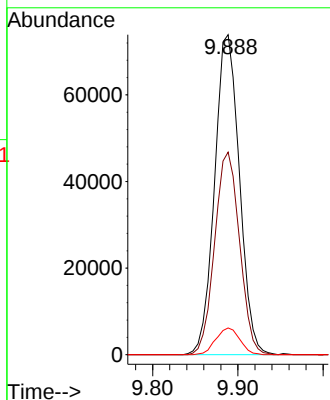
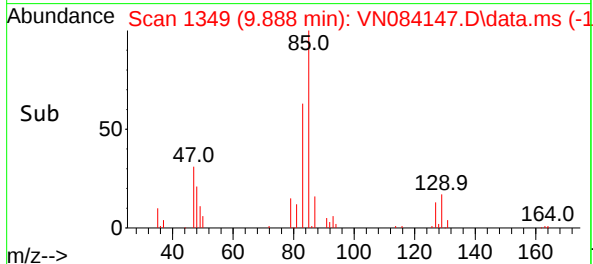
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 14963
Ion Ratio Lower Upper
83 100
85 63.3 51.8 77.8
127 8.4 6.6 9.8

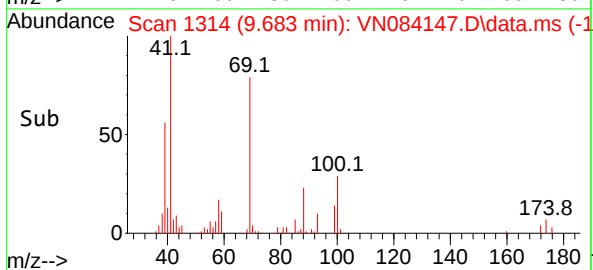
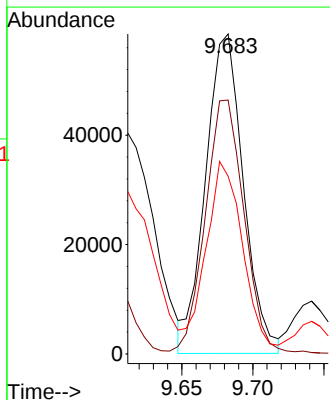
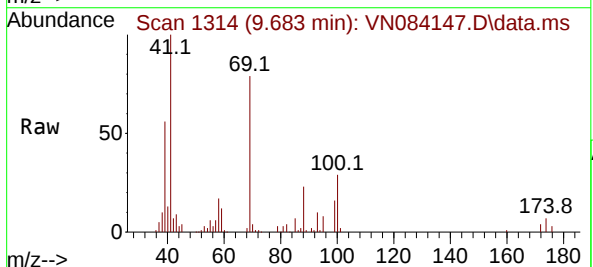
Manual Integrations
APPROVED

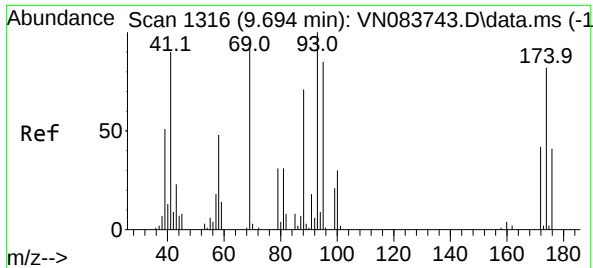
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#48
Methyl methacrylate
Concen: 57.906 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

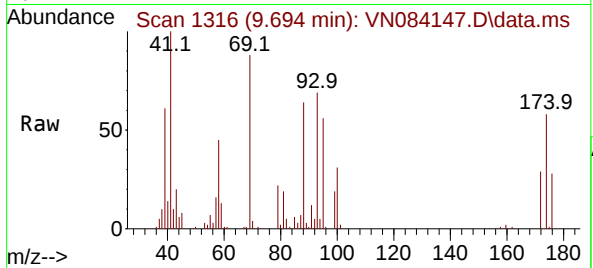
Tgt Ion: 41 Resp: 108215
Ion Ratio Lower Upper
41 100
69 81.9 64.3 96.5
39 59.6 48.9 73.3





#49
1,4-Dioxane
Concen: 1251.757 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

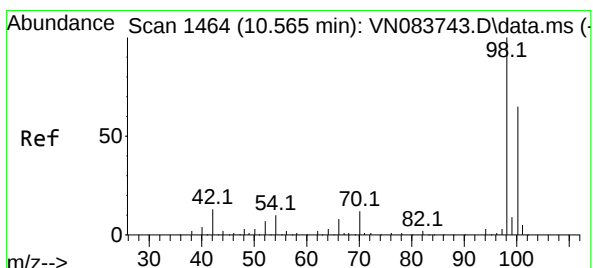
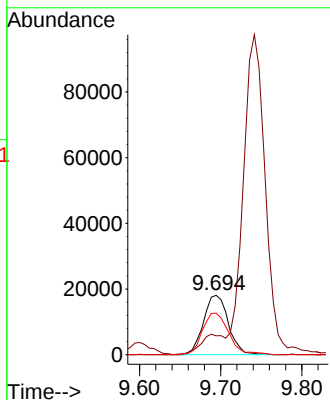
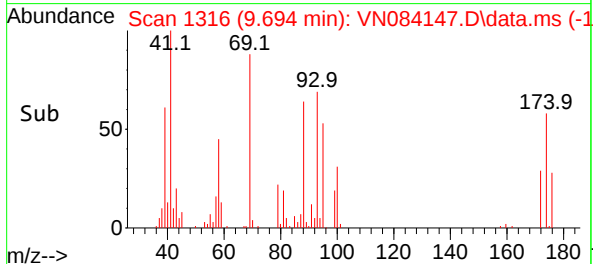
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



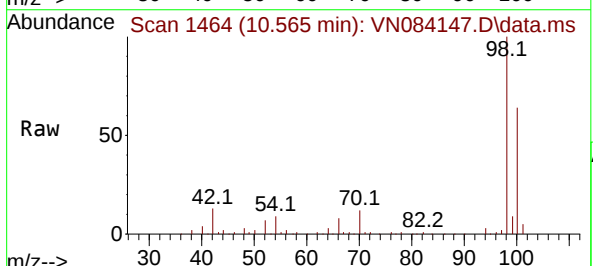
Tgt Ion: 88 Resp: 3848
Ion Ratio Lower Upper
88 100
43 33.2 0.0 0.0
58 74.0 57.1 85.7

Manual Integrations
APPROVED

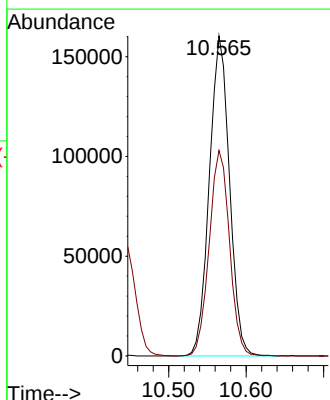
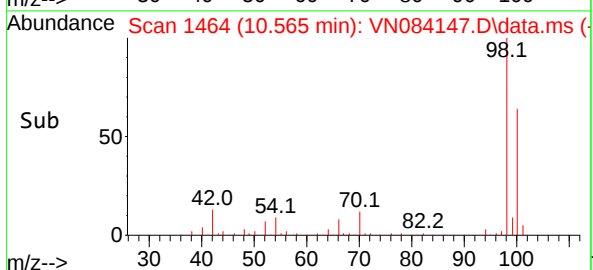
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

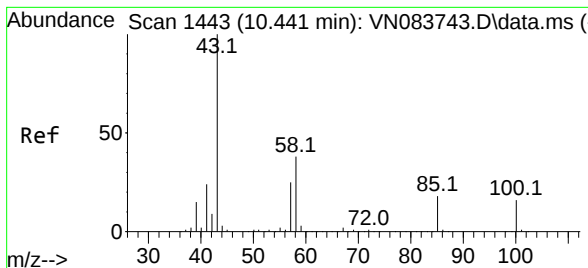


#50
Toluene-d8
Concen: 52.781 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19



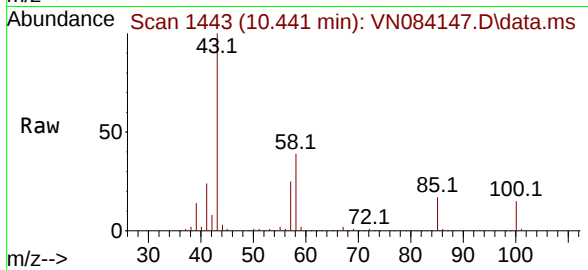
Tgt Ion: 98 Resp: 290305
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 313.838 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

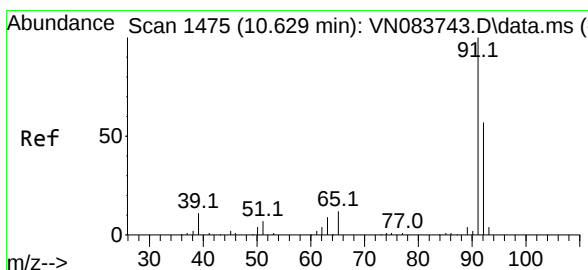
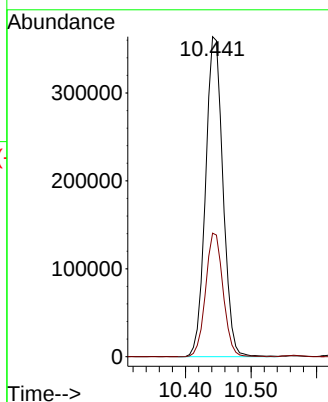
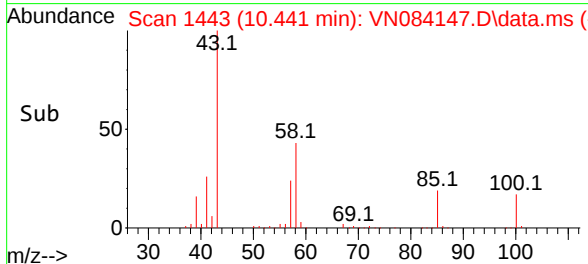
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



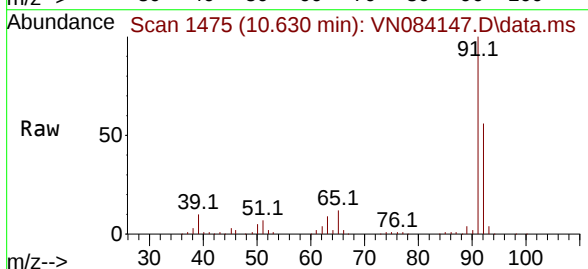
Tgt Ion: 43 Resp: 672930
Ion Ratio Lower Upper
43 100
58 38.7 31.6 47.4

Manual Integrations
APPROVED

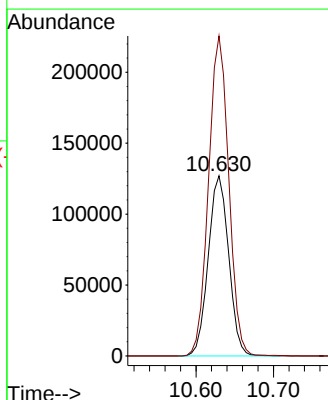
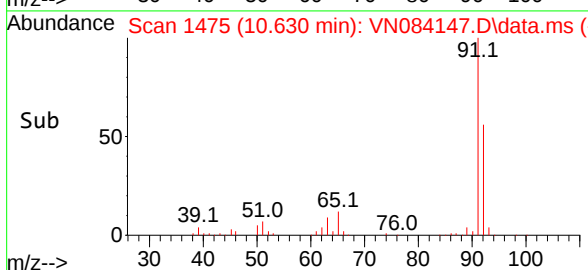
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

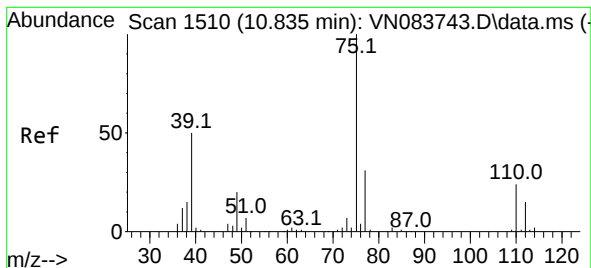


#52
Toluene
Concen: 52.831 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19



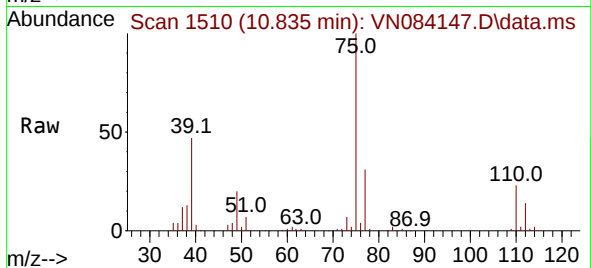
Tgt Ion: 92 Resp: 232920
Ion Ratio Lower Upper
92 100
91 175.7 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 55.503 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

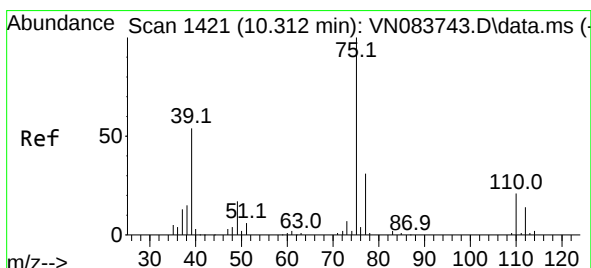
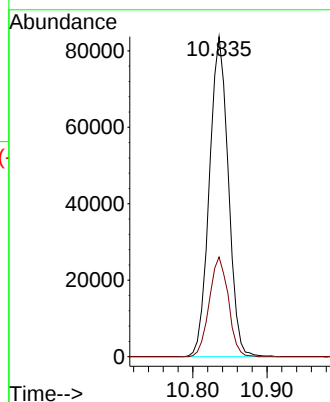
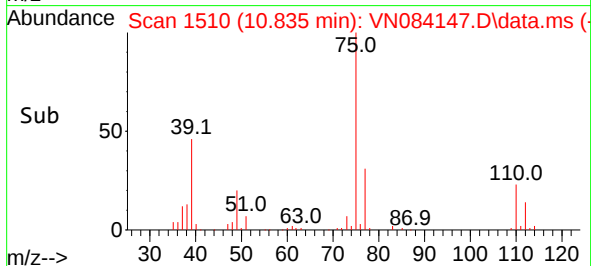
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



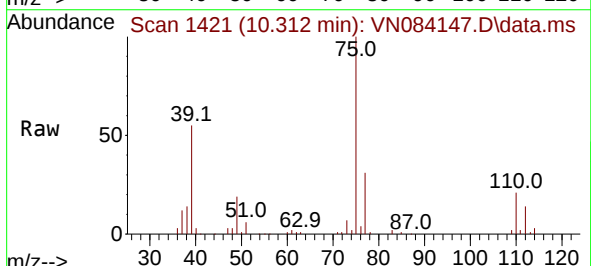
Tgt Ion: 75 Resp: 148568
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.6

Manual Integrations
APPROVED

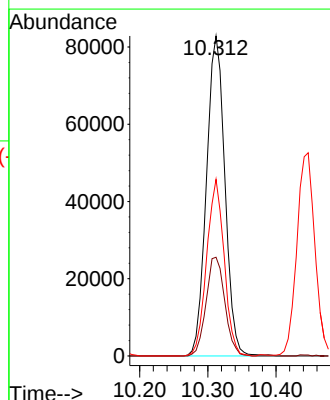
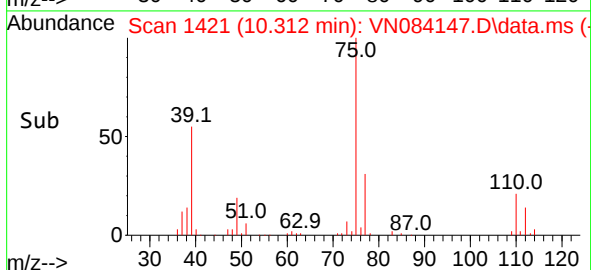
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

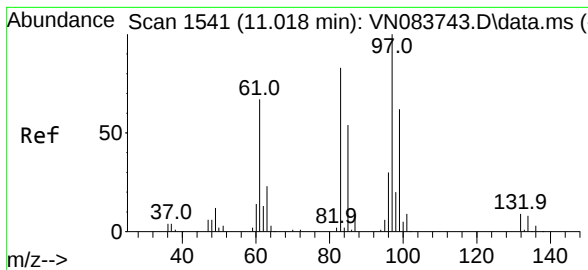


#54
cis-1,3-Dichloropropene
Concen: 55.509 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19



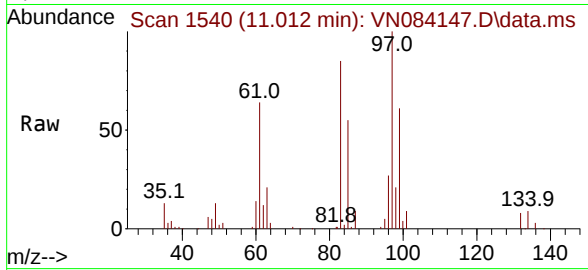
Tgt Ion: 75 Resp: 156075
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.6
39 55.2 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 55.598 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

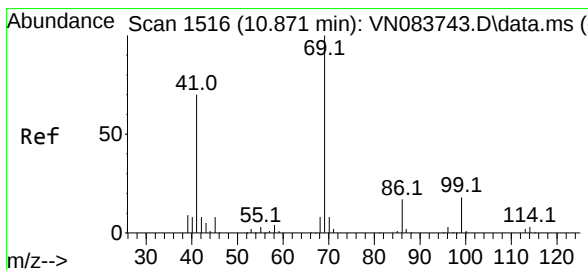
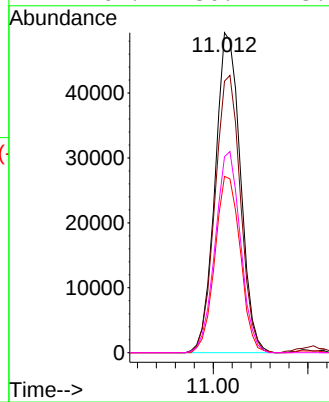
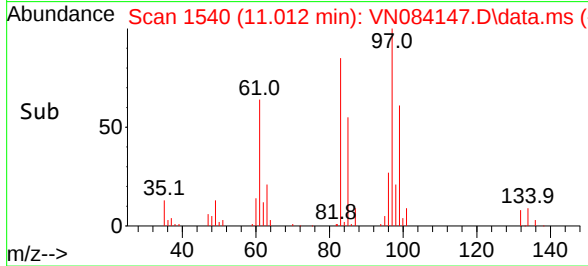
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	9151
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.5	101.3
85	55.1	44.2	66.2
99	61.2	50.1	75.1

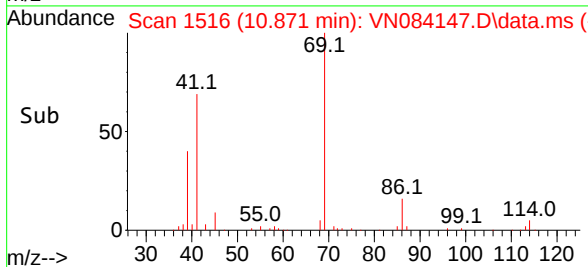
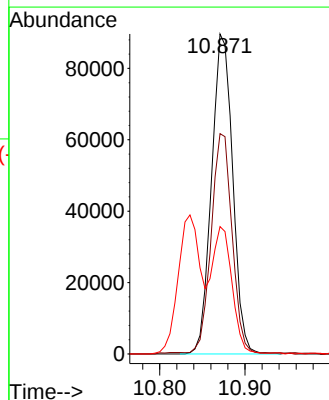
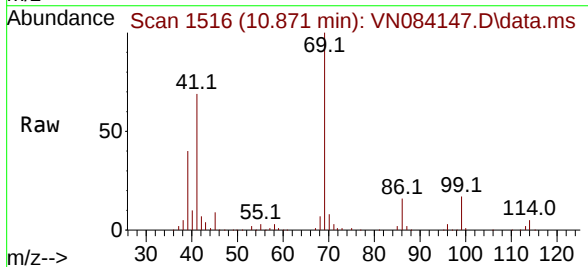
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#56
Ethyl methacrylate
Concen: 60.883 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

Tgt Ion:	69	Resp:	154175
Ion	Ratio	Lower	Upper
69	100		
41	67.4	53.9	80.9
39	37.8	32.6	48.8





#57

1,3-Dichloropropane

Concen: 56.854 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 160830

Ion Ratio Lower Upper

76 100

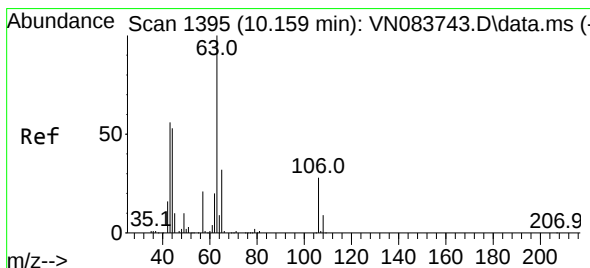
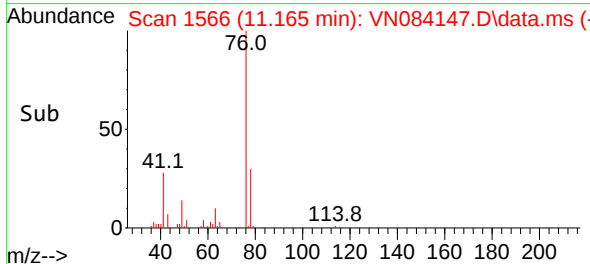
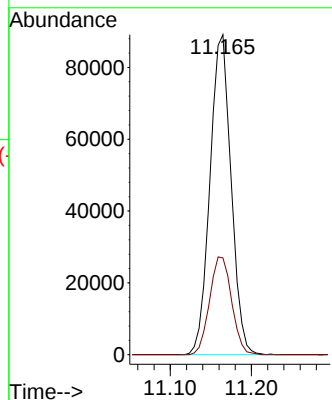
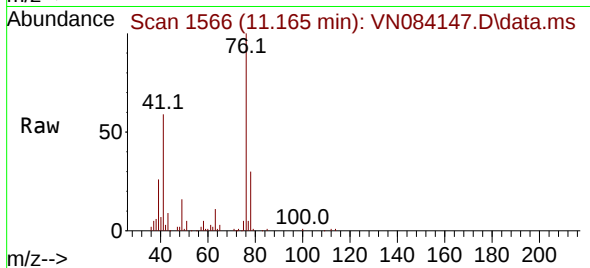
78 31.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#58

2-Chloroethyl Vinyl ether

Concen: 361.789 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN084147.D

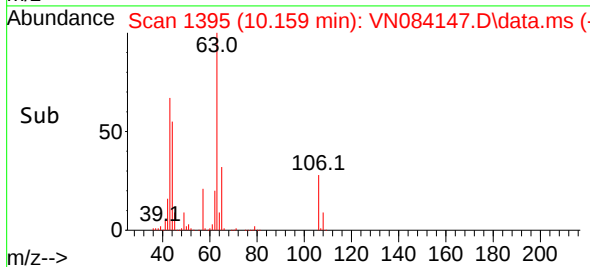
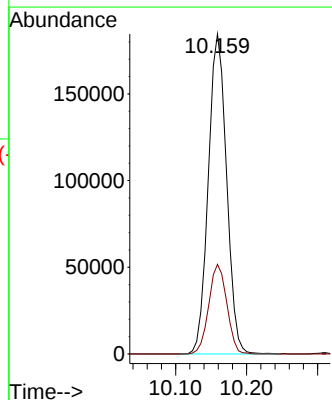
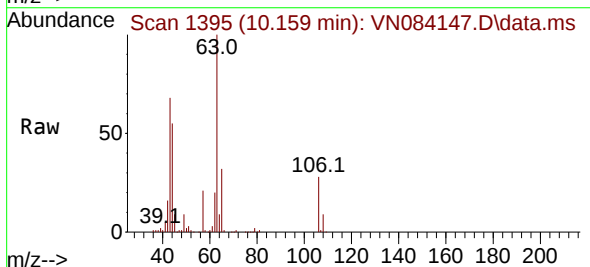
Acq: 24 Sep 2024 20:19

Tgt Ion: 63 Resp: 330116

Ion Ratio Lower Upper

63 100

106 27.6 23.3 34.9





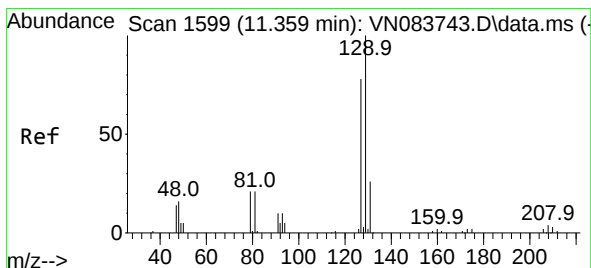
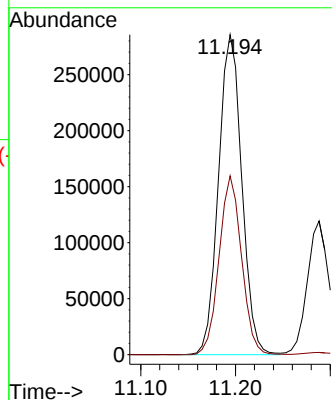
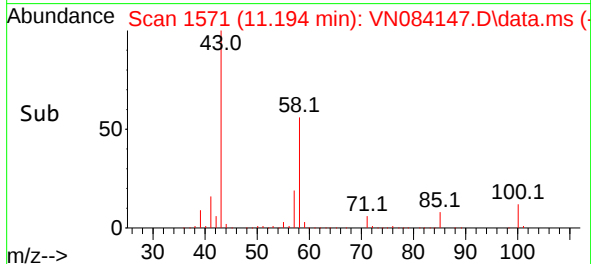
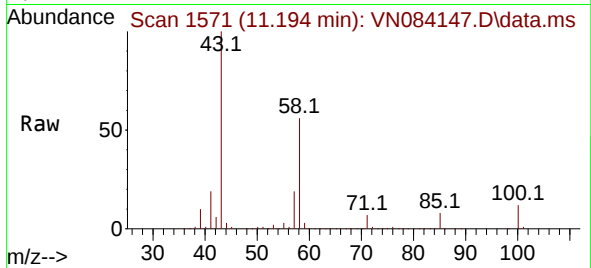
#59
2-Hexanone
Concen: 307.886 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 48834
Ion Ratio Lower Upper
43 100
58 53.9 27.2 81.5

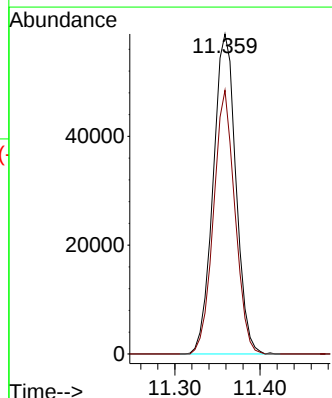
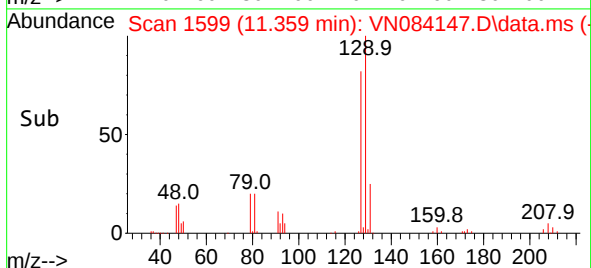
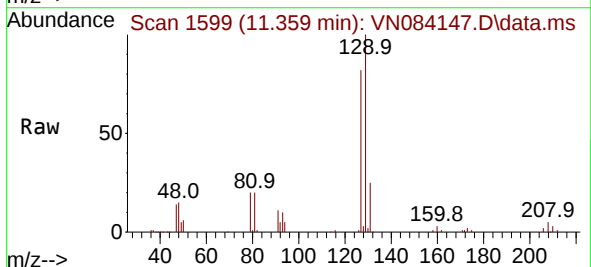
Manual Integrations
APPROVED

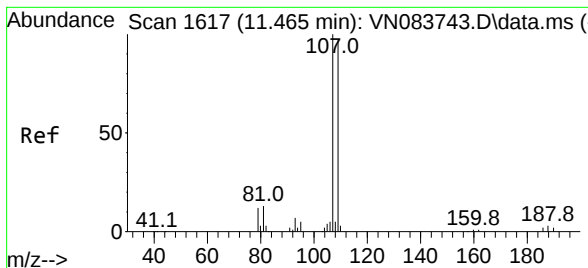
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#60
Dibromochloromethane
Concen: 59.261 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

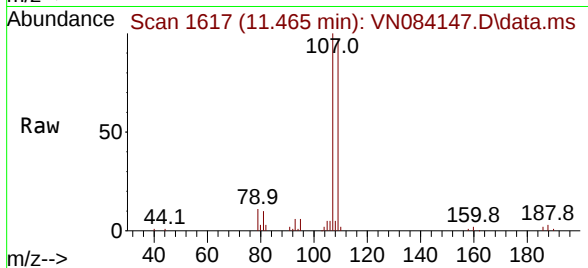
Tgt Ion:129 Resp: 109160
Ion Ratio Lower Upper
129 100
127 77.6 39.0 116.9





#61
1,2-Dibromoethane
Concen: 55.565 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

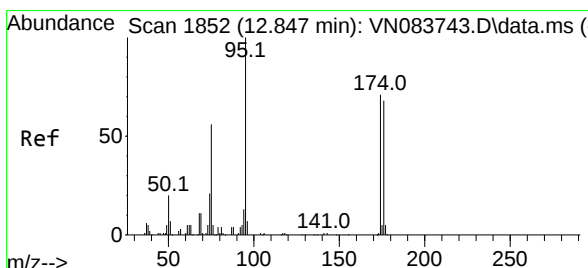
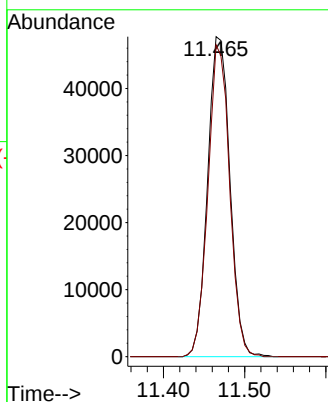
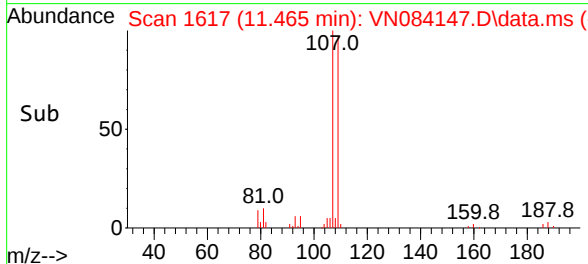
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



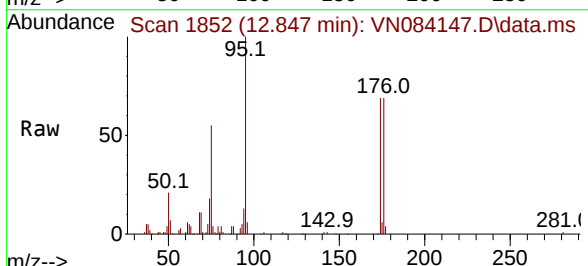
Tgt Ion:107 Resp: 91210
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4

Manual Integrations
APPROVED

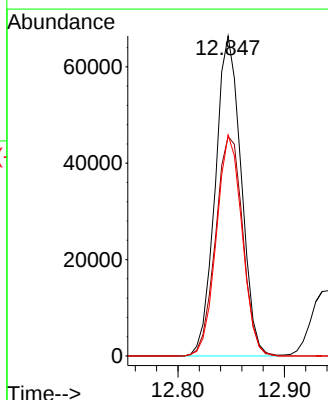
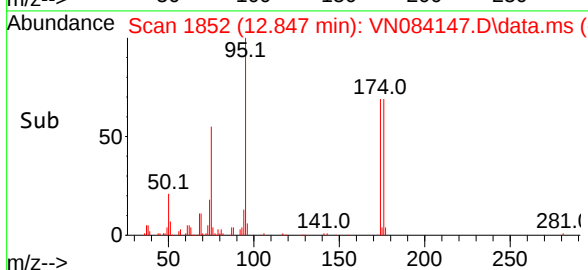
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

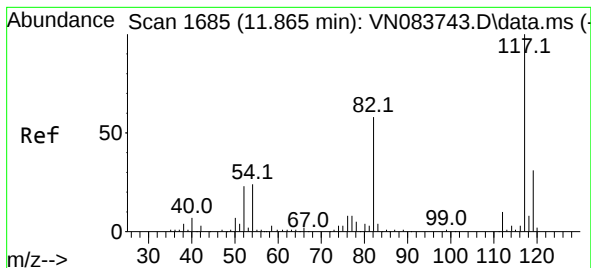


#62
4-Bromofluorobenzene
Concen: 49.320 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19



Tgt Ion: 95 Resp: 111919
Ion Ratio Lower Upper
95 100
174 72.0 0.0 139.8
176 68.4 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 223400

Ion Ratio Lower Upper

117 100

82 58.9 47.4 71.0

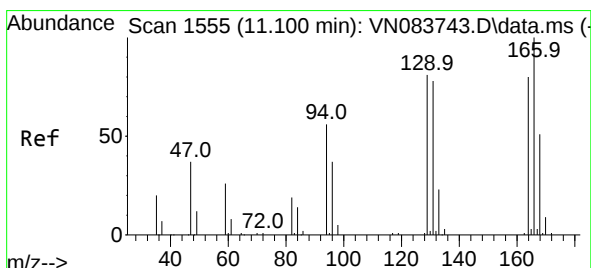
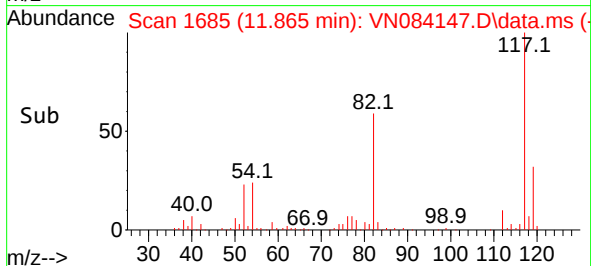
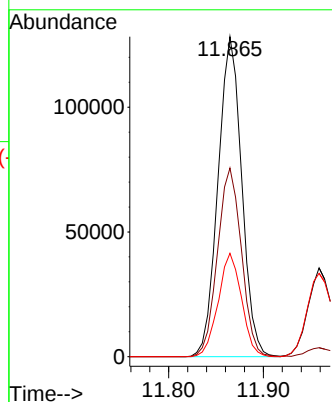
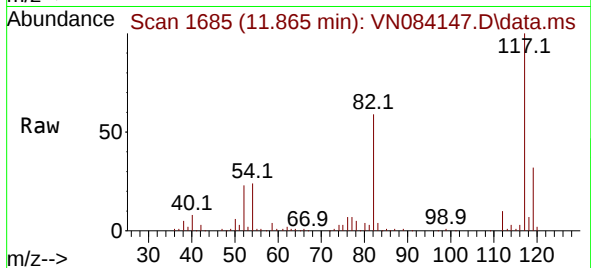
119 32.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#64

Tetrachloroethene

Concen: 49.714 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Tgt Ion:164 Resp: 73858

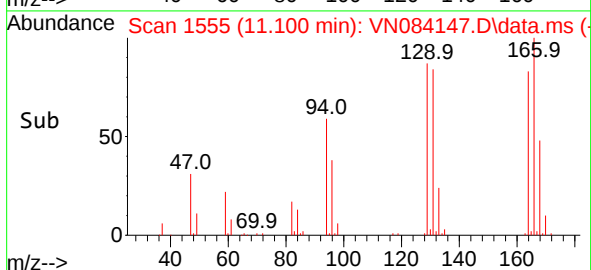
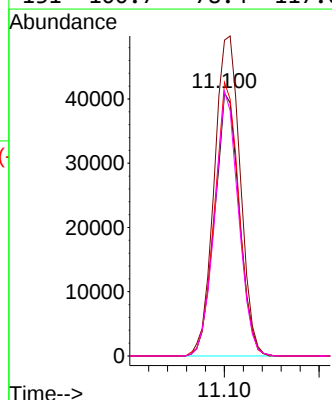
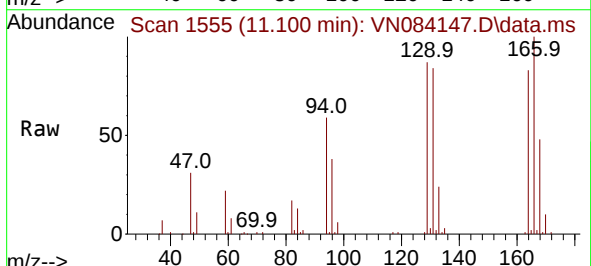
Ion Ratio Lower Upper

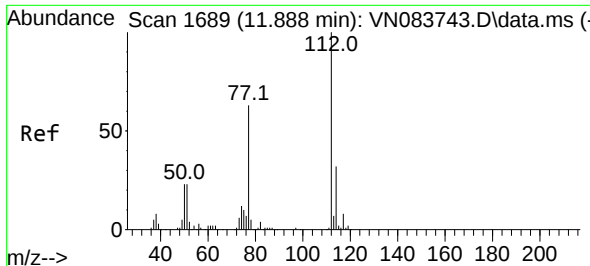
164 100

166 120.3 103.7 155.5

129 104.2 79.9 119.9

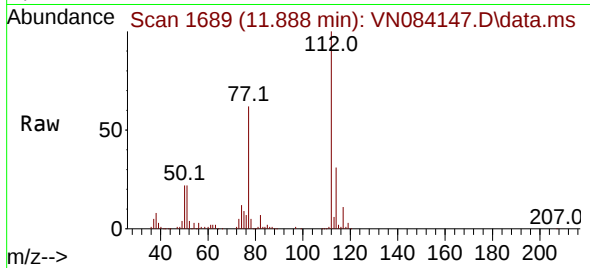
131 100.7 78.4 117.6





#65
Chlorobenzene
Concen: 51.499 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

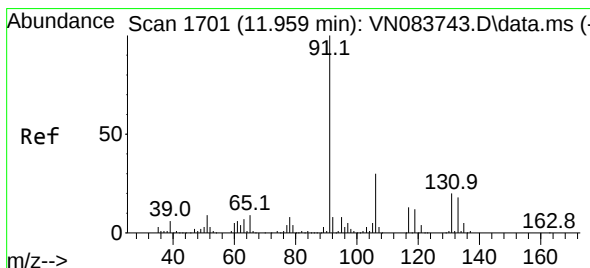
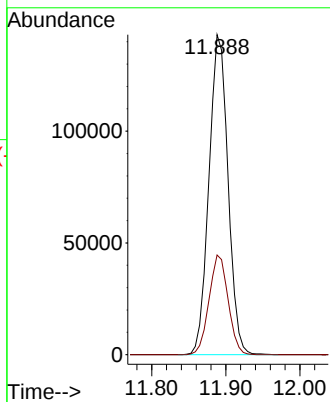
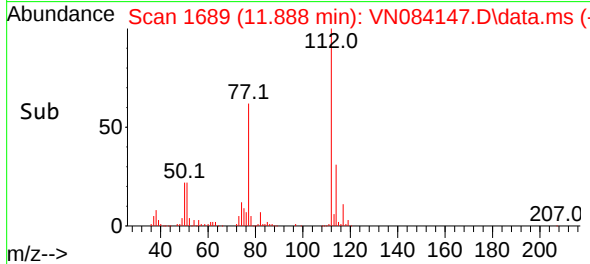
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 255702
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5

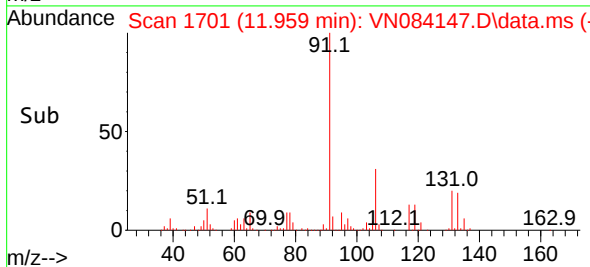
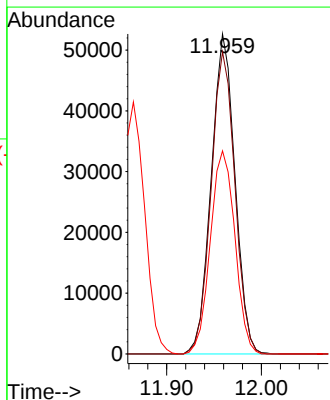
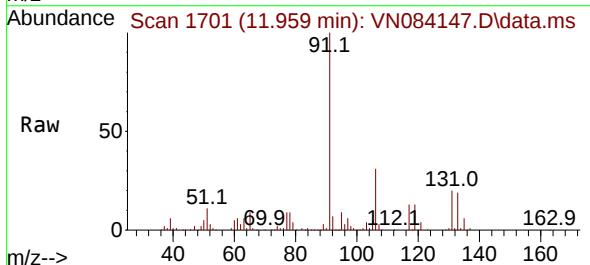
Manual Integrations
APPROVED

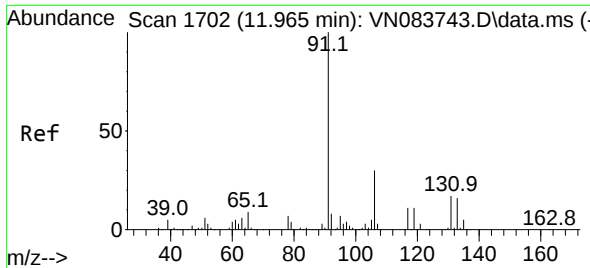
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 53.232 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

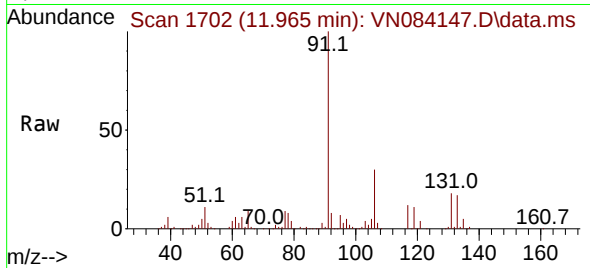
Tgt Ion:131 Resp: 91628
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 65.8 31.6 94.8





#67
Ethyl Benzene
Concen: 52.110 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

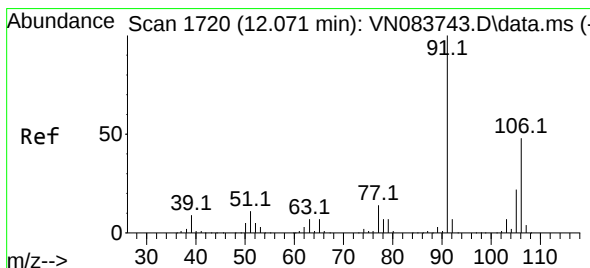
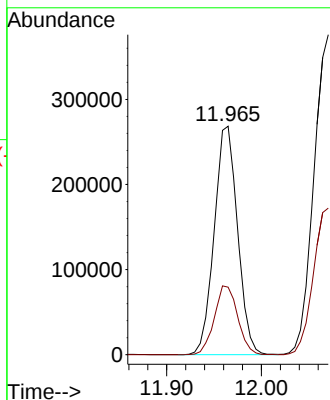
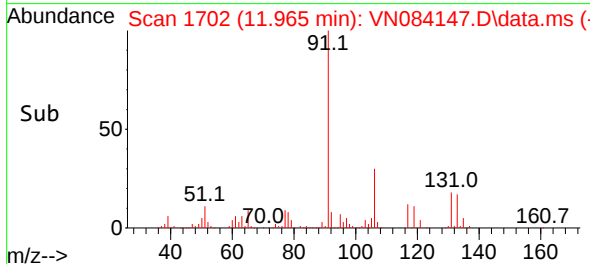
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



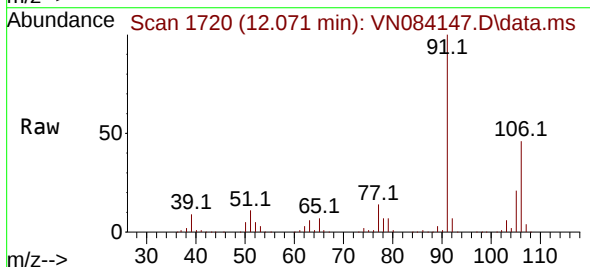
Tgt Ion: 91 Resp: 459624
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5

Manual Integrations
APPROVED

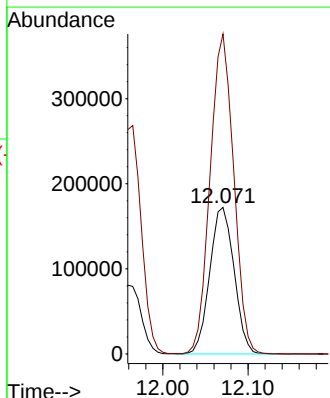
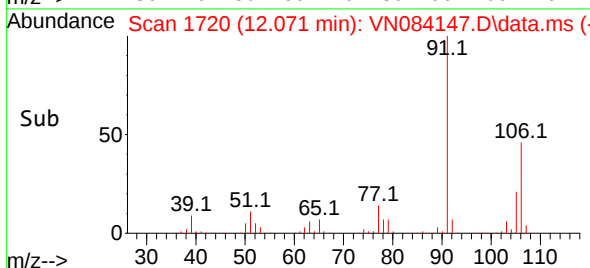
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

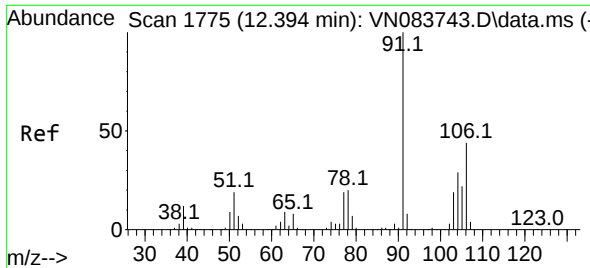


#68
m/p-Xylenes
Concen: 104.428 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19



Tgt Ion:106 Resp: 341964
Ion Ratio Lower Upper
106 100
91 211.9 169.2 253.8





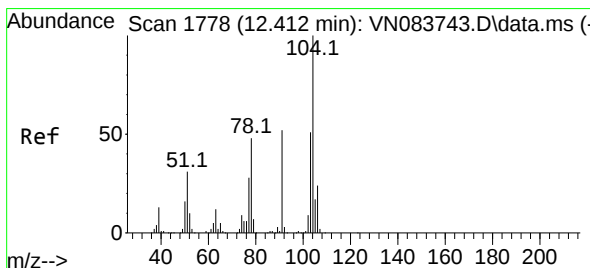
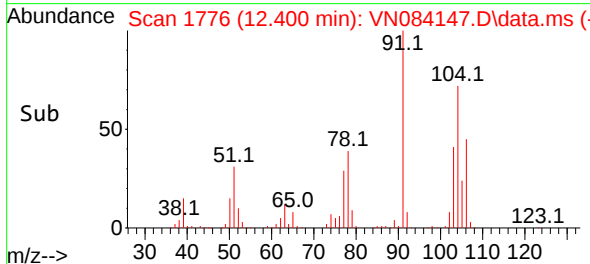
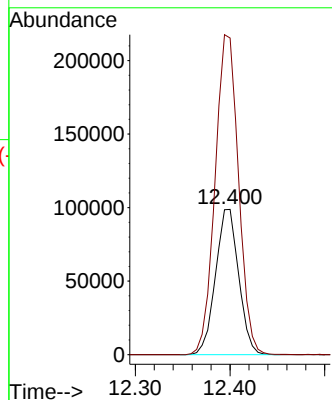
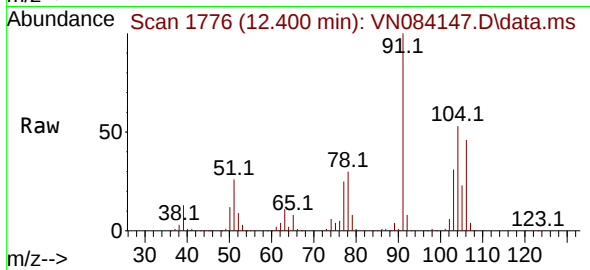
#69
o-Xylene
Concen: 52.965 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 167905
Ion Ratio Lower Upper
106 100
91 222.9 112.9 338.6

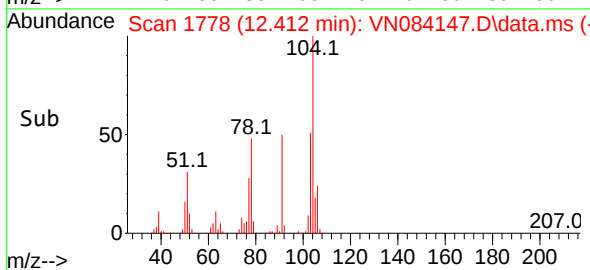
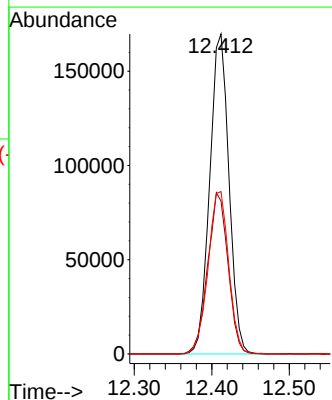
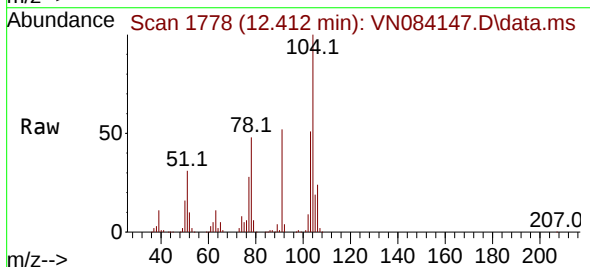
Manual Integrations
APPROVED

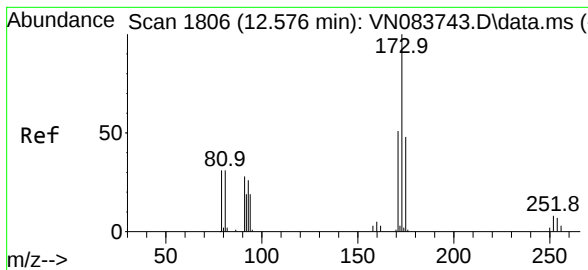
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#70
Styrene
Concen: 56.254 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

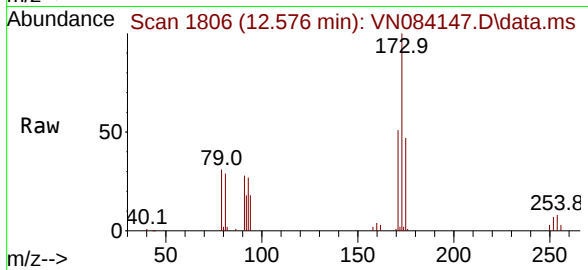
Tgt Ion:104 Resp: 292669
Ion Ratio Lower Upper
104 100
78 53.1 43.3 64.9
103 54.6 43.4 65.2





#71
Bromoform
Concen: 60.029 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

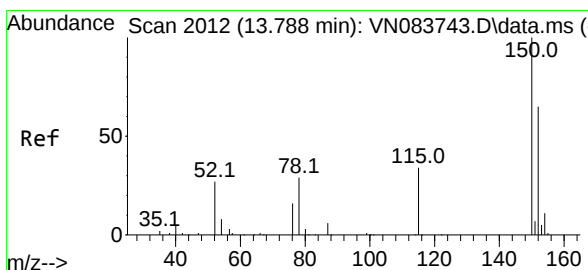
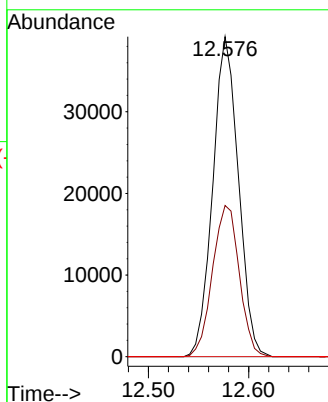
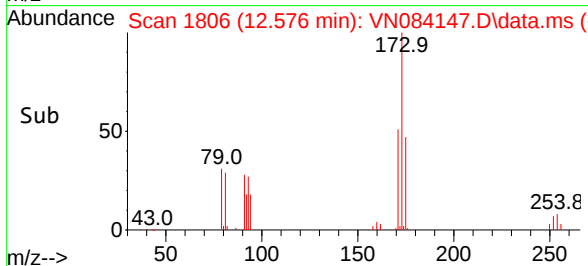
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



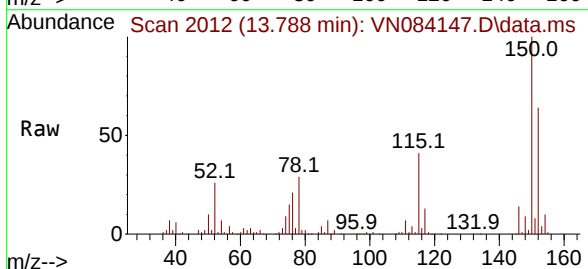
Tgt Ion:173 Resp: 69628
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

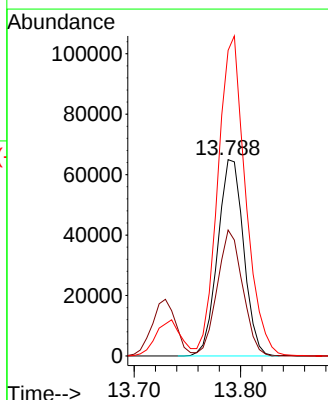
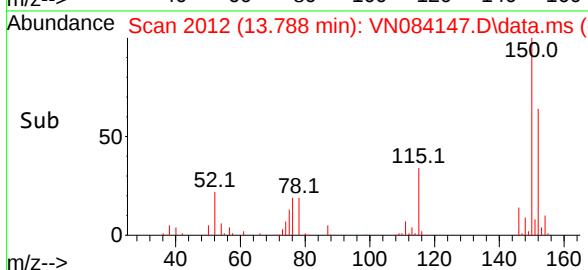
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

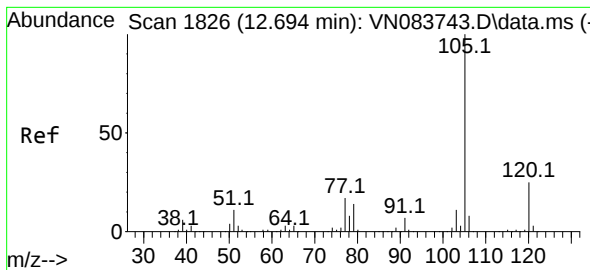


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19



Tgt Ion:152 Resp: 109932
Ion Ratio Lower Upper
152 100
115 62.5 32.2 96.6
150 173.3 0.0 348.6





#73

Isopropylbenzene

Concen: 51.365 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 436864

Ion Ratio Lower Upper

105 100

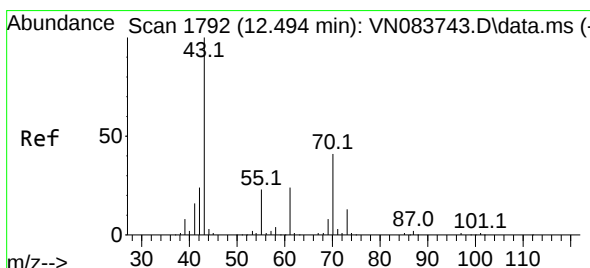
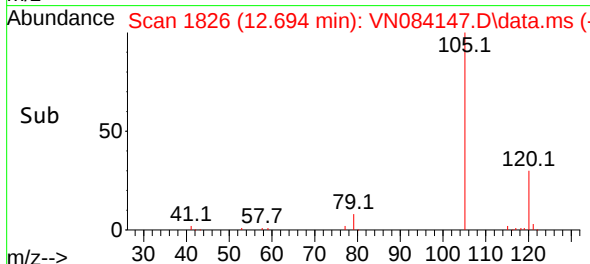
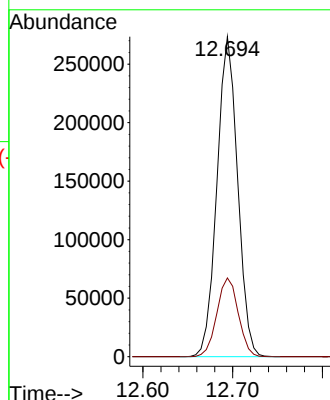
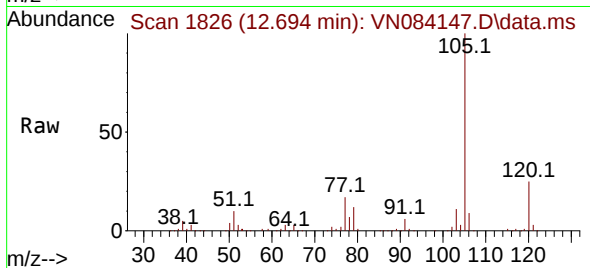
120 25.4 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#74

N-ethyl acetate

Concen: 56.700 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Tgt Ion: 43 Resp: 205747

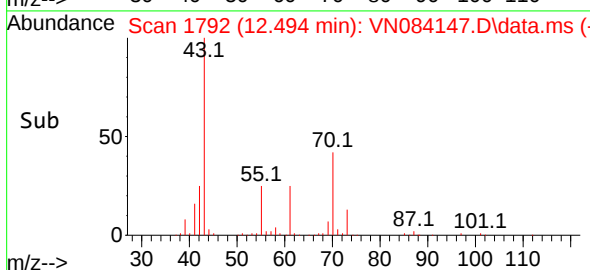
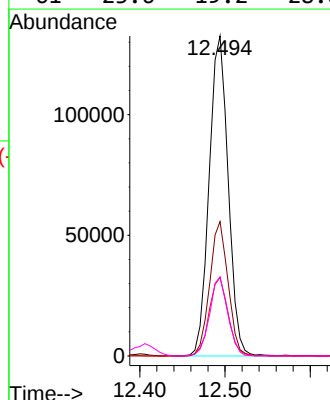
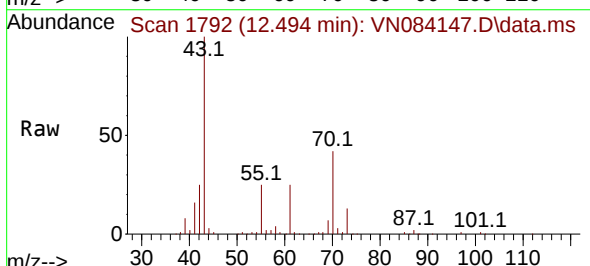
Ion Ratio Lower Upper

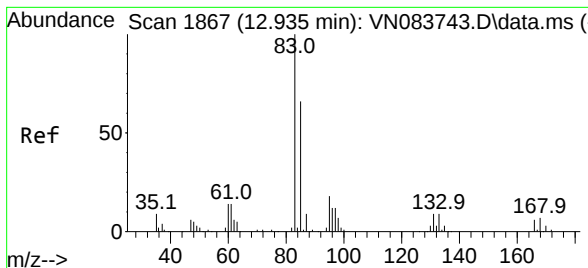
43 100

70 40.5 34.5 51.7

55 24.4 18.6 28.0

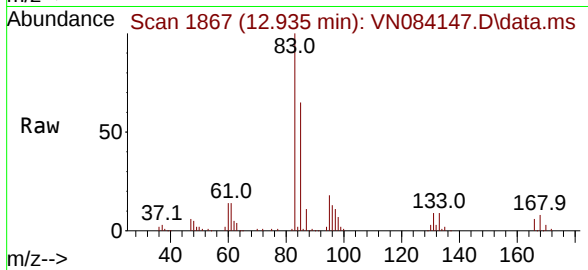
61 23.6 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 53.081 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

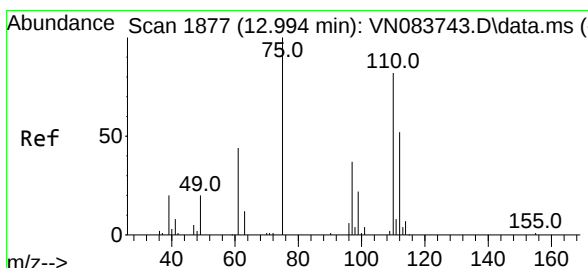
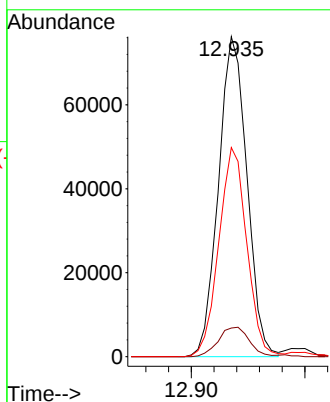
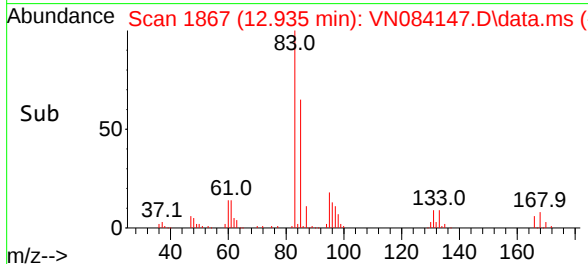
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 132640
Ion Ratio Lower Upper
83 100
131 10.3 5.2 15.6
85 64.3 31.9 95.9

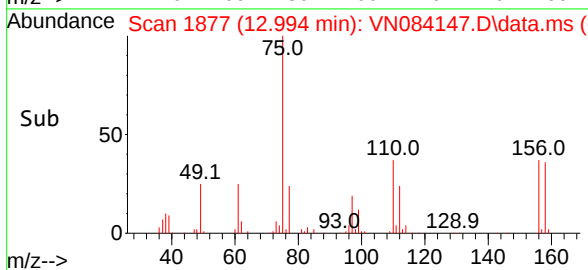
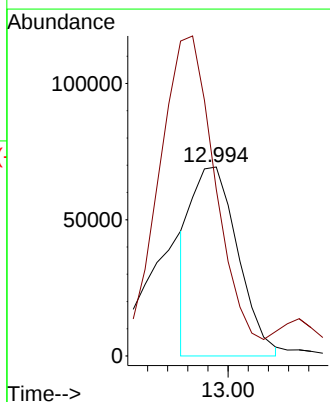
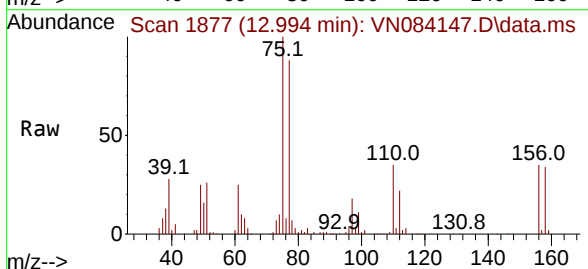
Manual Integrations
APPROVED

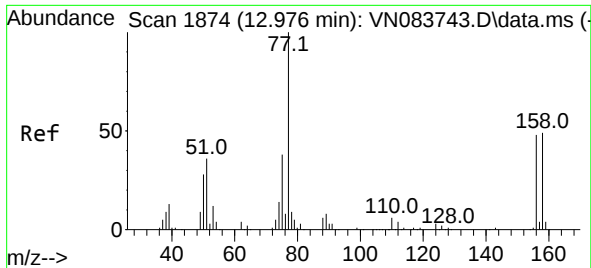
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#76
1,2,3-Trichloropropane
Concen: 50.033 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

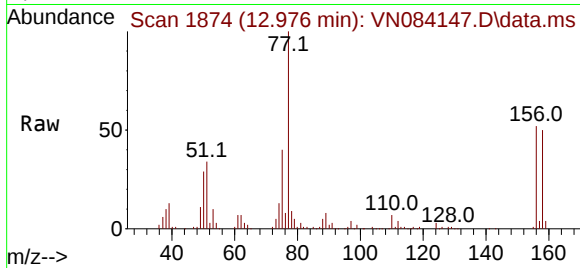
Tgt Ion: 75 Resp: 110984
Ion Ratio Lower Upper
75 100
77 210.2 95.2 285.6





#77
Bromobenzene
Concen: 49.650 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

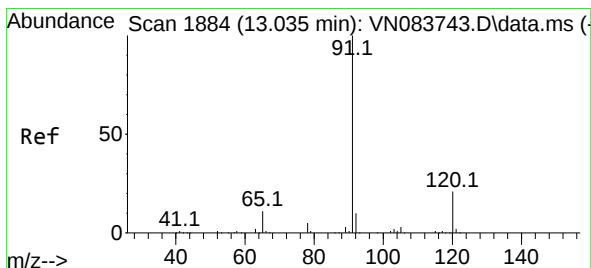
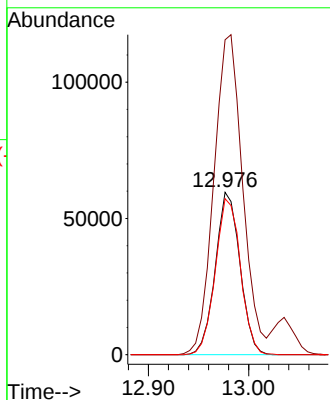
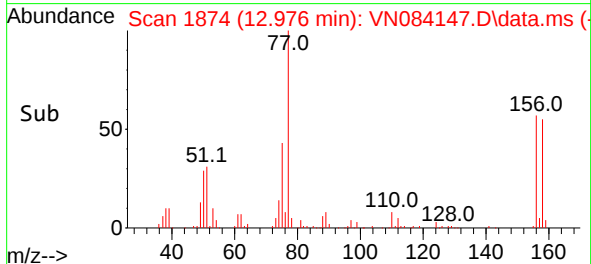
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



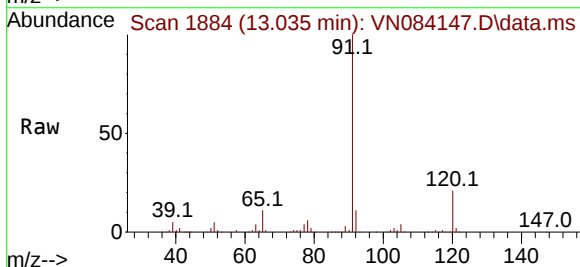
Tgt Ion:156 Resp: 101640
Ion Ratio Lower Upper
156 100
77 229.5 114.3 343.1
158 97.9 48.9 146.7

Manual Integrations
APPROVED

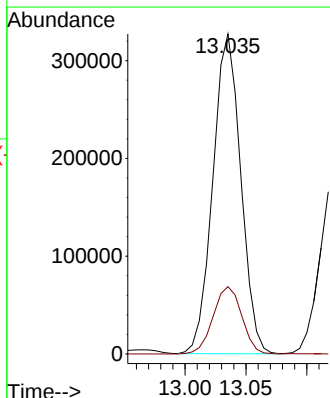
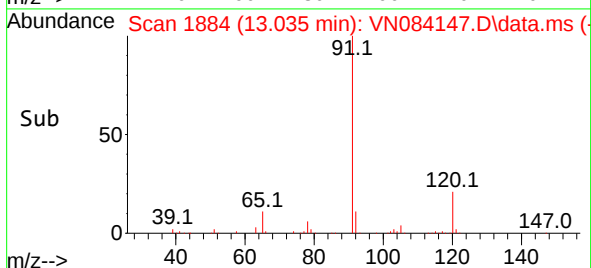
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

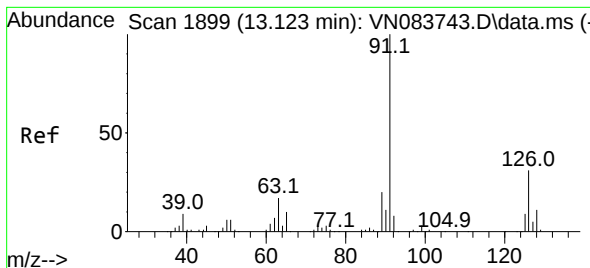


#78
n-propylbenzene
Concen: 52.676 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19



Tgt Ion: 91 Resp: 521262
Ion Ratio Lower Upper
91 100
120 21.6 11.0 33.0





#79

2-Chlorotoluene

Concen: 51.145 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 322770

Ion Ratio Lower Upper

91 100

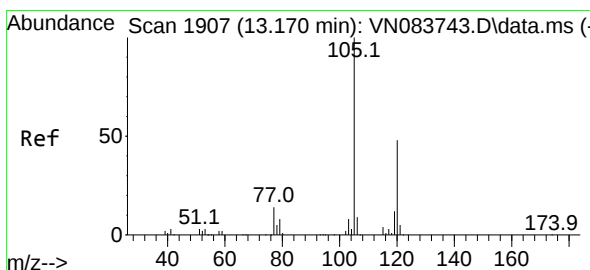
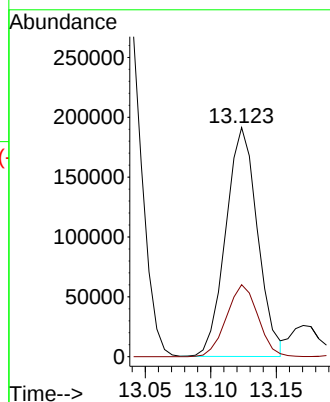
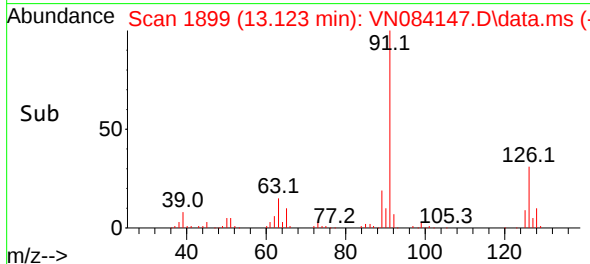
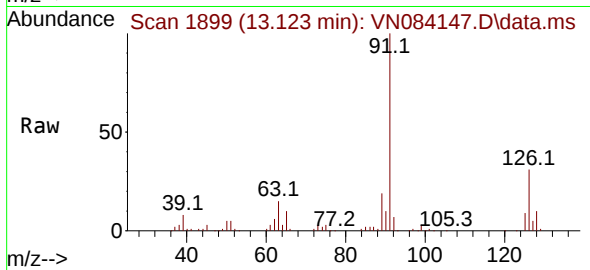
126 31.1 15.4 46.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#80

1,3,5-Trimethylbenzene

Concen: 51.965 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084147.D

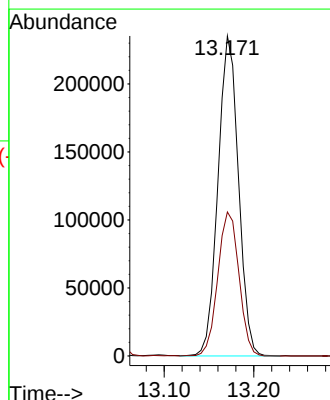
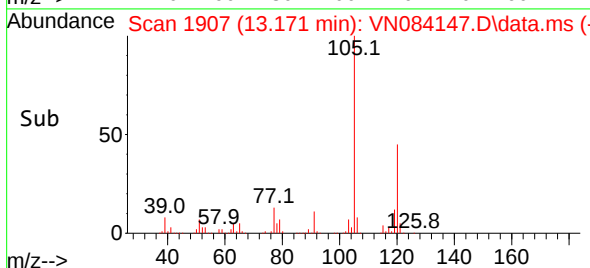
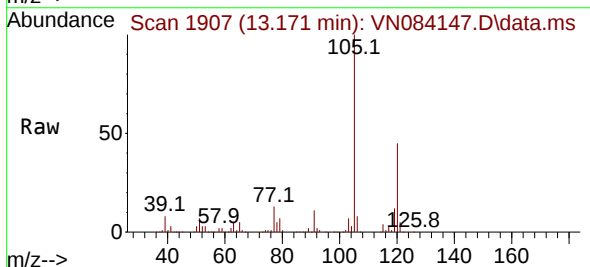
Acq: 24 Sep 2024 20:19

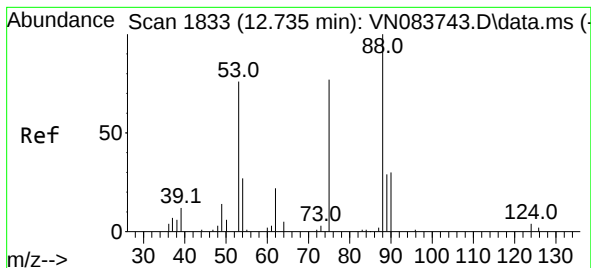
Tgt Ion:105 Resp: 372617

Ion Ratio Lower Upper

105 100

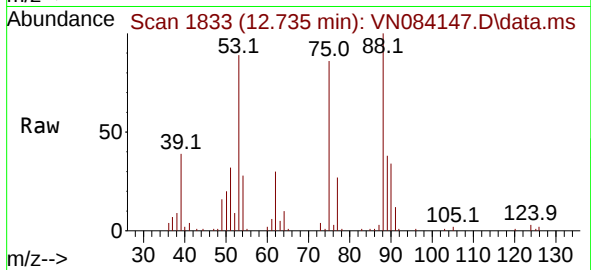
120 46.5 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 54.254 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

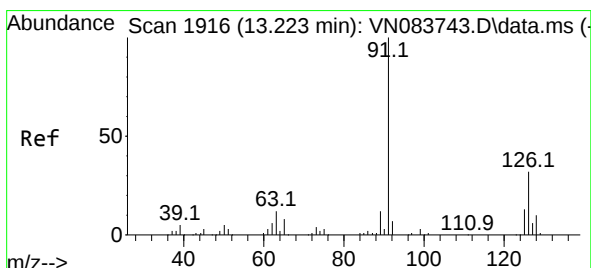
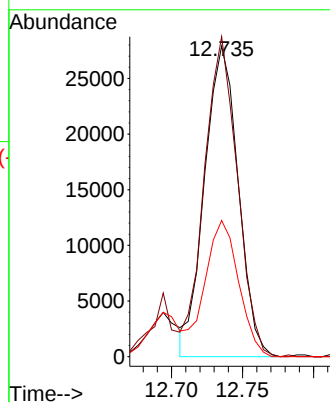
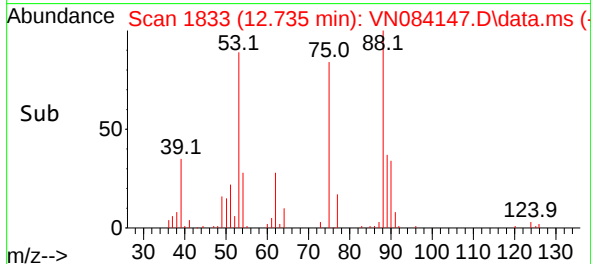
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



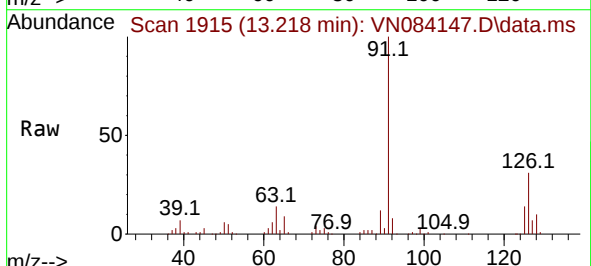
Tgt Ion: 75 Resp: 45950
Ion Ratio Lower Upper
75 100
53 101.1 81.2 121.8
89 44.6 35.7 53.5

Manual Integrations
APPROVED

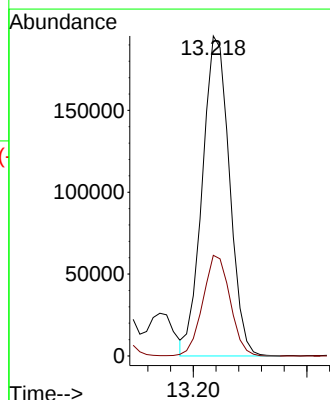
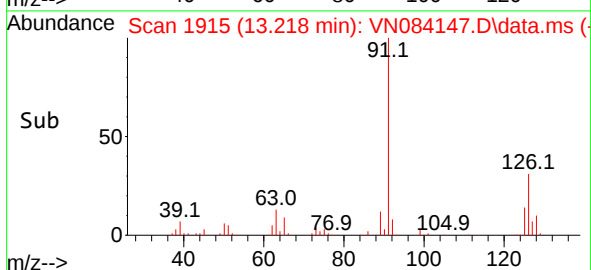
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

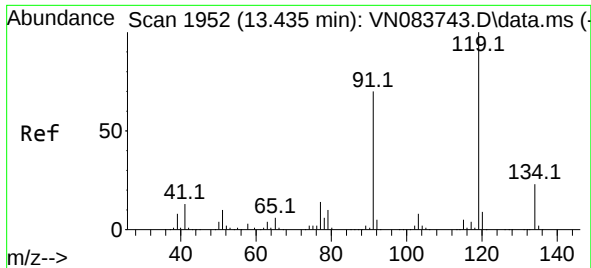


#82
4-Chlorotoluene
Concen: 51.262 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19



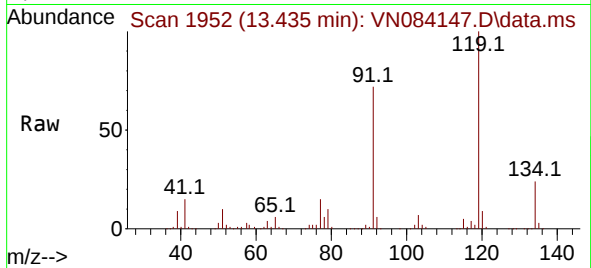
Tgt Ion: 91 Resp: 324648
Ion Ratio Lower Upper
91 100
126 31.5 15.4 46.2





#83
tert-Butylbenzene
Concen: 51.255 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

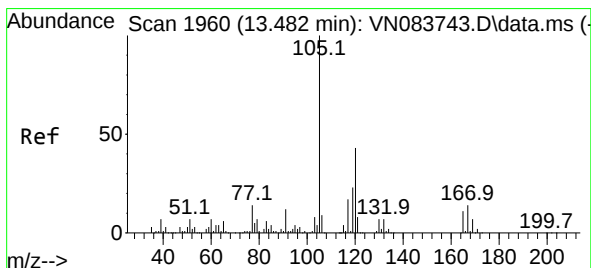
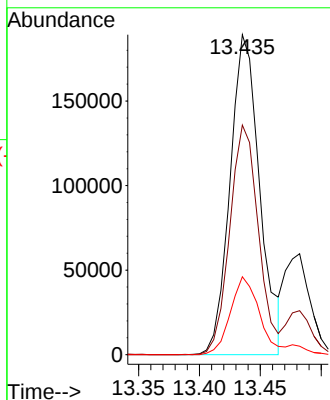
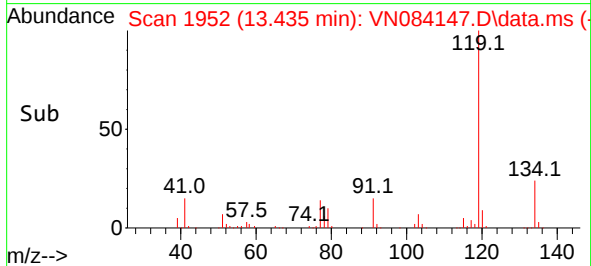
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



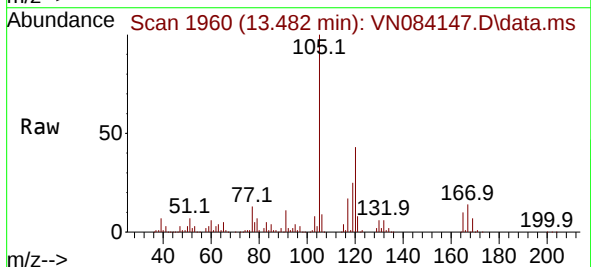
Tgt Ion:119 Resp: 321549
Ion Ratio Lower Upper
119 100
91 69.4 34.5 103.6
134 23.8 12.8 38.4

Manual Integrations
APPROVED

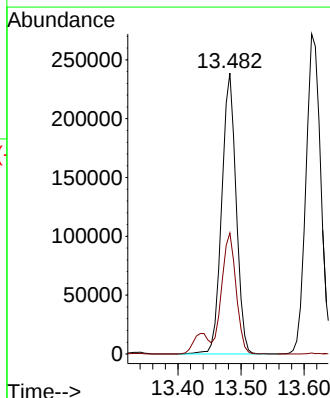
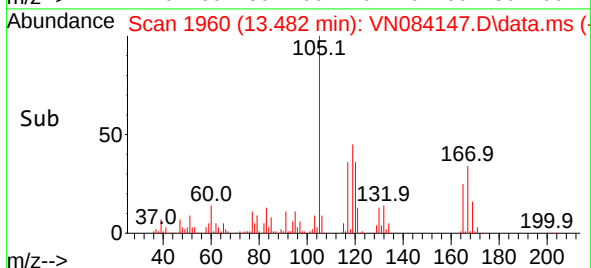
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

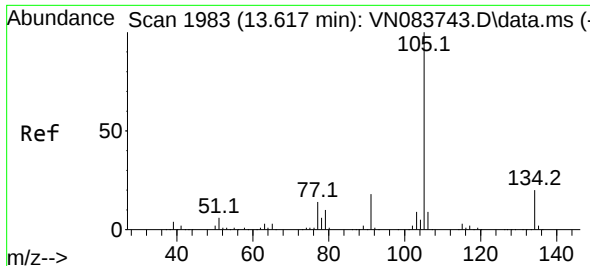


#84
1,2,4-Trimethylbenzene
Concen: 52.391 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19



Tgt Ion:105 Resp: 377370
Ion Ratio Lower Upper
105 100
120 42.9 21.8 65.4





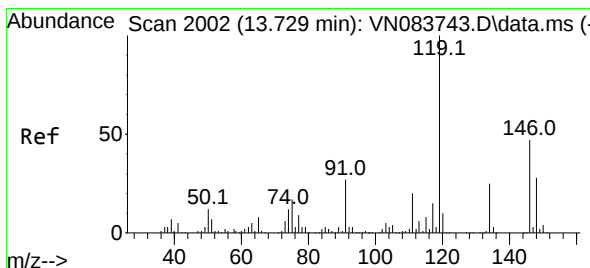
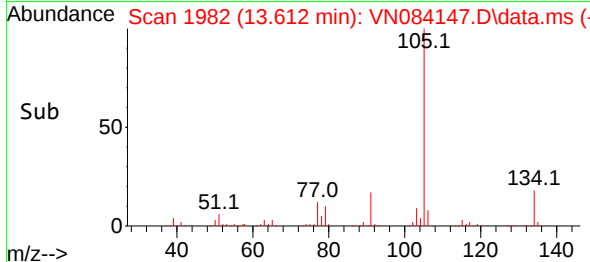
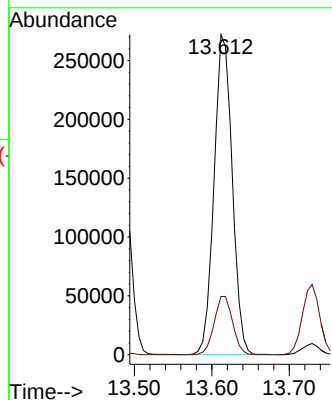
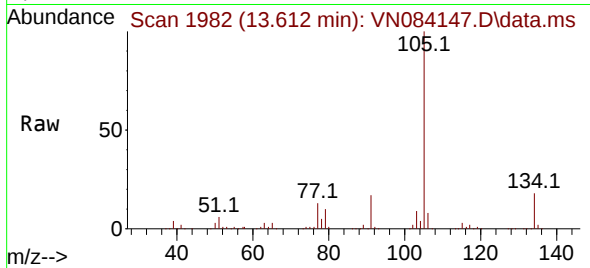
#85
 sec-Butylbenzene
 Concen: 53.191 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN084147.D
 Acq: 24 Sep 2024 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 442550
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.7 29.1

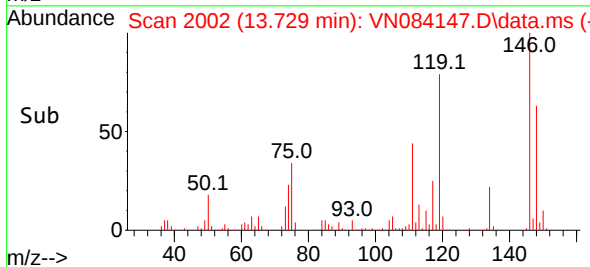
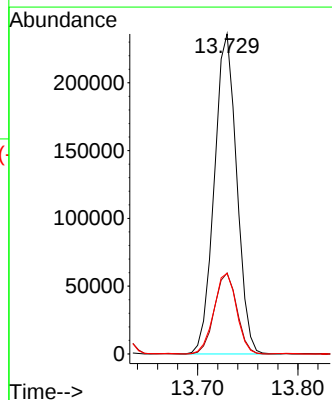
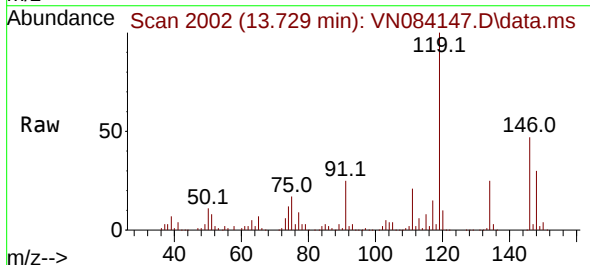
Manual Integrations
 APPROVED

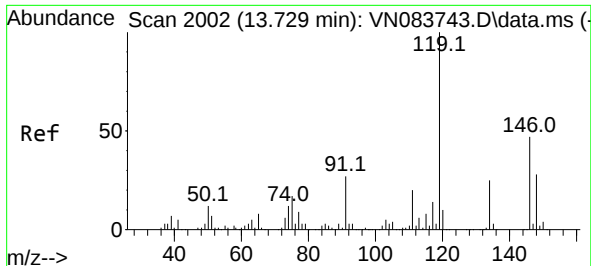
Reviewed By :John Carlone 09/25/2024
 Supervised By :Mahesh Dadoda 09/25/2024



#86
 p-Isopropyltoluene
 Concen: 52.507 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084147.D
 Acq: 24 Sep 2024 20:19

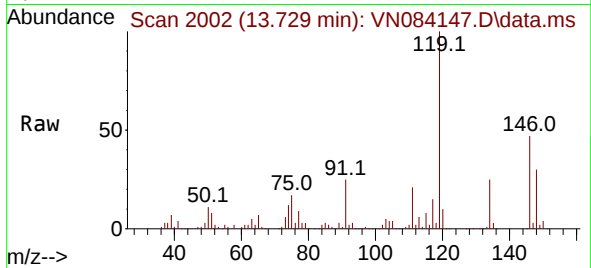
Tgt Ion:119 Resp: 366208
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 25.4 12.9 38.7





#87
 1,3-Dichlorobenzene
 Concen: 49.279 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084147.D
 Acq: 24 Sep 2024 20:19

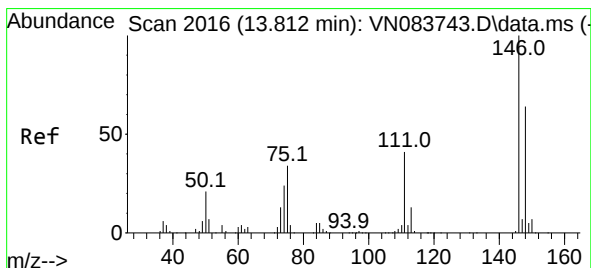
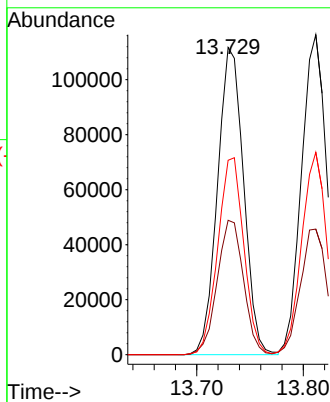
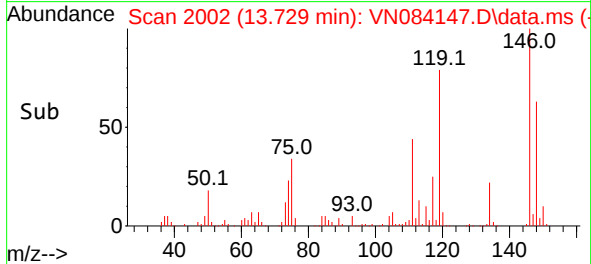
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



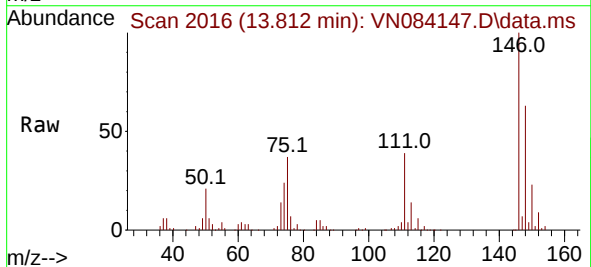
Tgt Ion:146 Resp: 190397
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.7 65.1
 148 64.0 31.7 95.1

Manual Integrations
 APPROVED

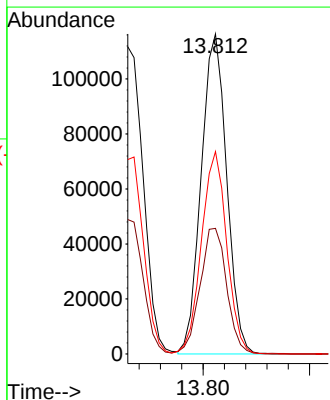
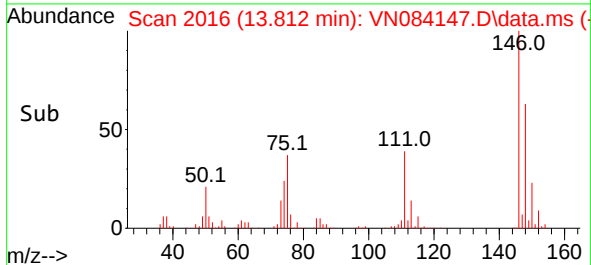
Reviewed By :John Carlone 09/25/2024
 Supervised By :Mahesh Dadoda 09/25/2024

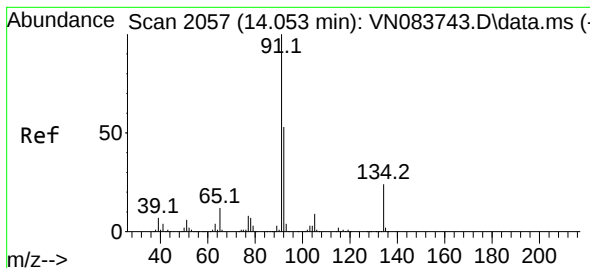


#88
 1,4-Dichlorobenzene
 Concen: 49.565 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN084147.D
 Acq: 24 Sep 2024 20:19



Tgt Ion:146 Resp: 193911
 Ion Ratio Lower Upper
 146 100
 111 40.7 21.3 64.0
 148 62.7 32.0 96.2





#89

n-Butylbenzene

Concen: 51.448 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

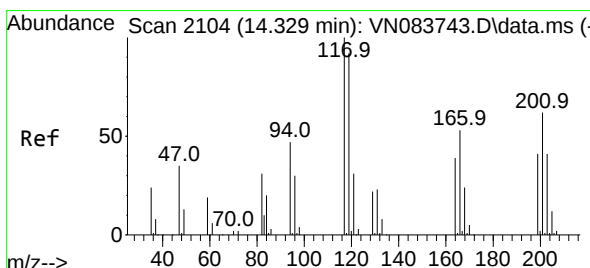
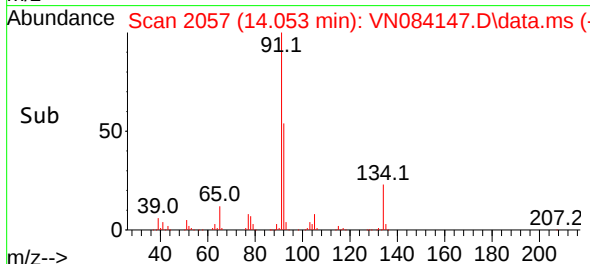
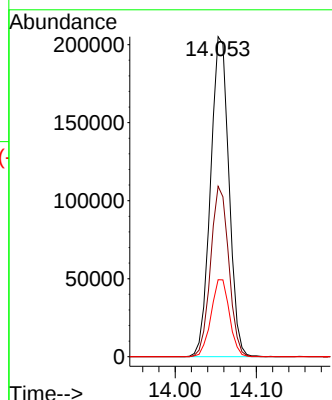
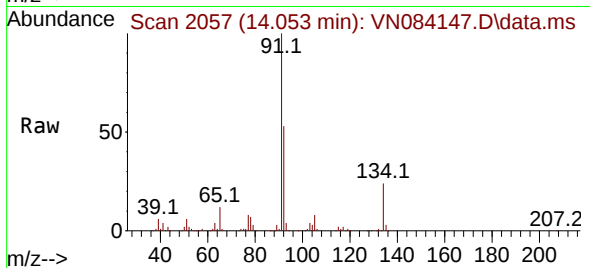
Tgt Ion:	91	Resp:	32216
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.7	80.1
134	24.0	12.2	36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#90

Hexachloroethane

Concen: 50.673 ug/l

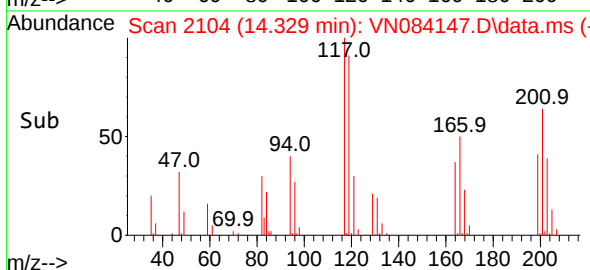
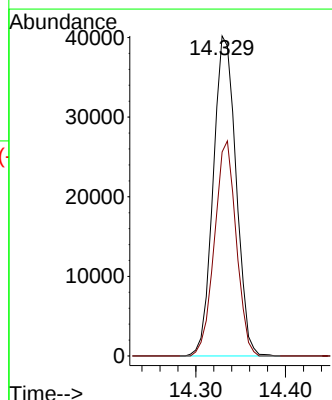
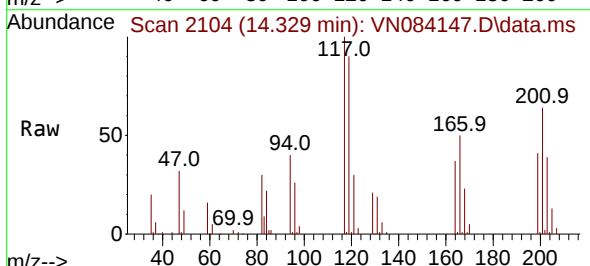
RT: 14.329 min Scan# 2104

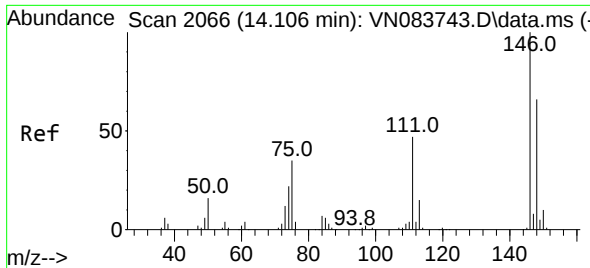
Delta R.T. 0.000 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

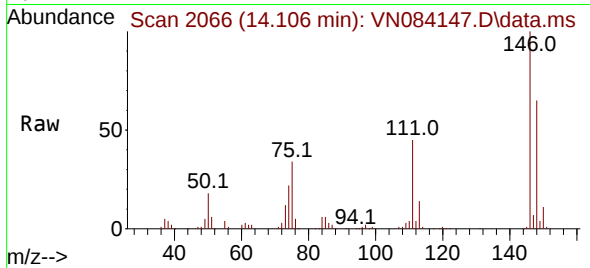
Tgt Ion:	117	Resp:	71042
Ion	Ratio	Lower	Upper
117	100		
201	63.9	32.8	98.3





#91
1,2-Dichlorobenzene
Concen: 50.388 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

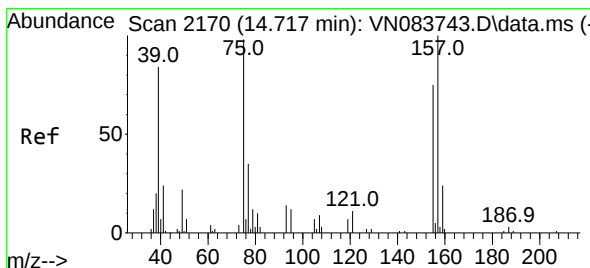
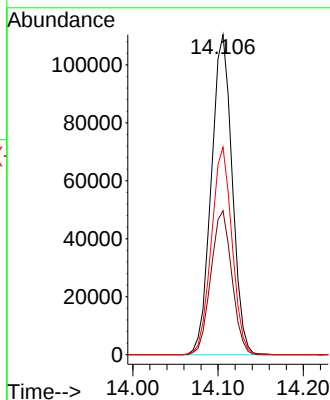
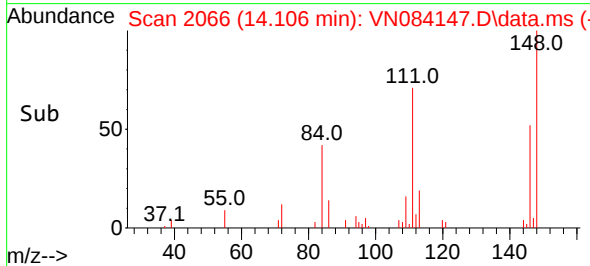
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



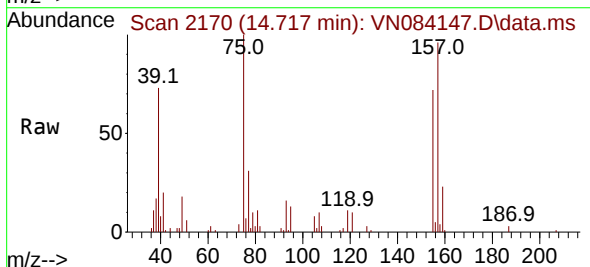
Tgt Ion:146 Resp: 187880
Ion Ratio Lower Upper
146 100
111 45.1 22.8 68.3
148 64.2 32.1 96.5

Manual Integrations
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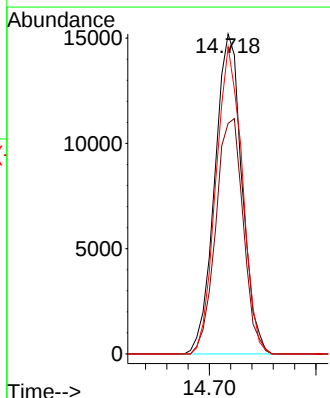
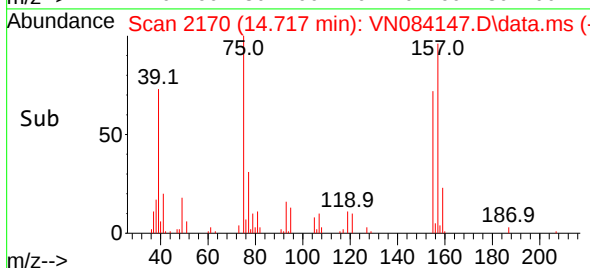
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

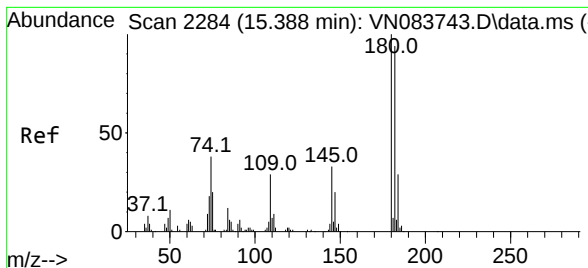


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.075 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19



Tgt Ion: 75 Resp: 26937
Ion Ratio Lower Upper
75 100
155 74.4 35.9 107.7
157 92.7 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 47.209 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

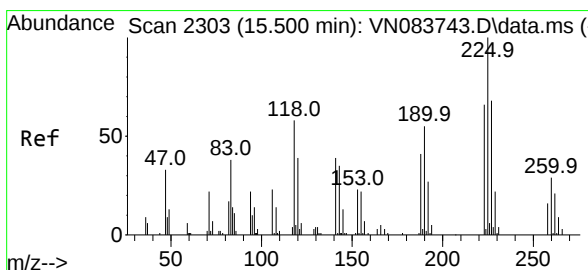
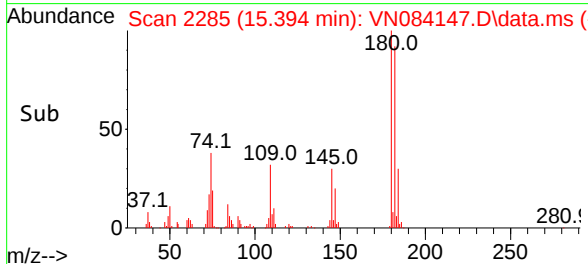
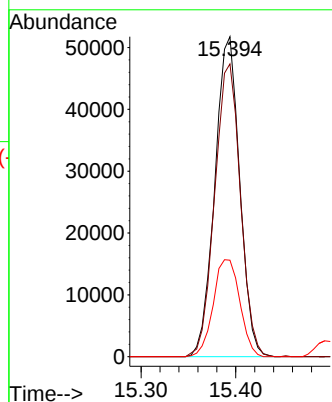
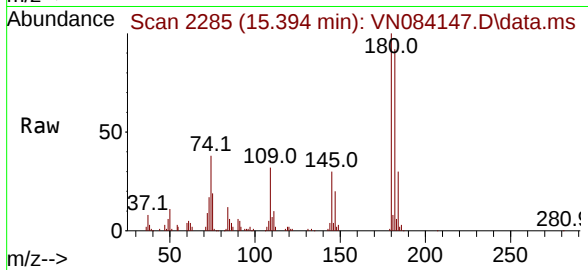
Tgt Ion:180	Resp:	9446
Ion Ratio	Lower	Upper
180	100	
182	94.4	48.1 144.3
145	32.4	16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#94

Hexachlorobutadiene

Concen: 47.626 ug/l

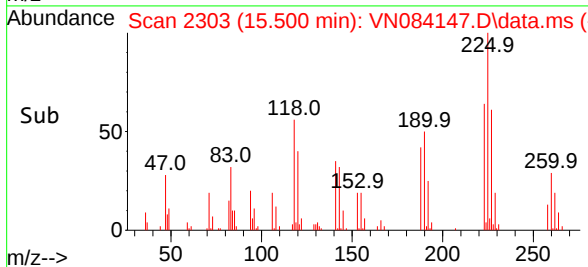
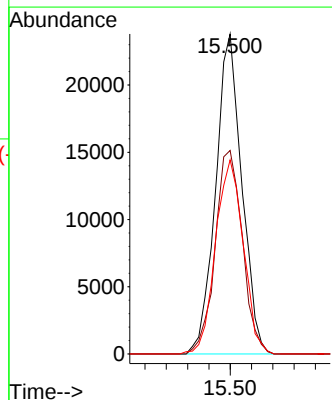
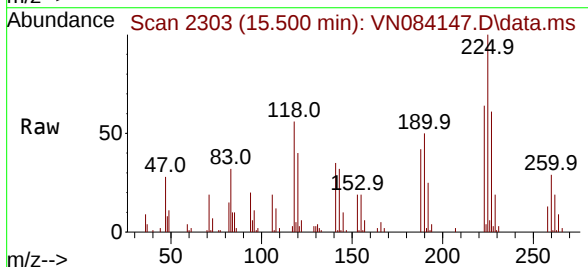
RT: 15.500 min Scan# 2303

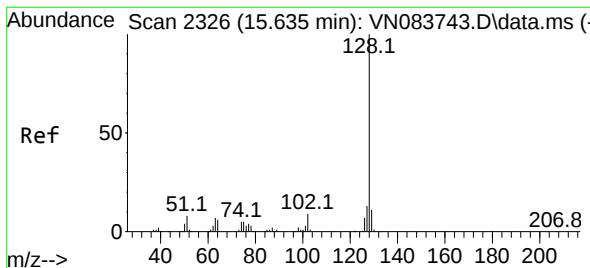
Delta R.T. 0.000 min

Lab File: VN084147.D

Acq: 24 Sep 2024 20:19

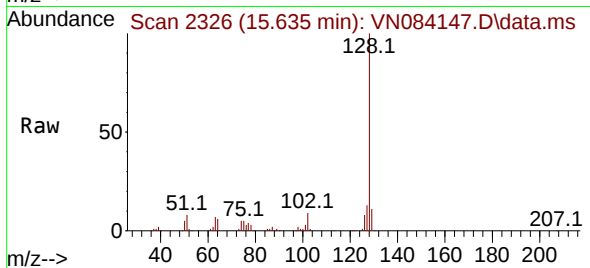
Tgt Ion:225	Resp:	40471
Ion Ratio	Lower	Upper
225	100	
223	66.2	31.9 95.5
227	64.3	32.0 96.2





#95
Naphthalene
Concen: 51.968 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

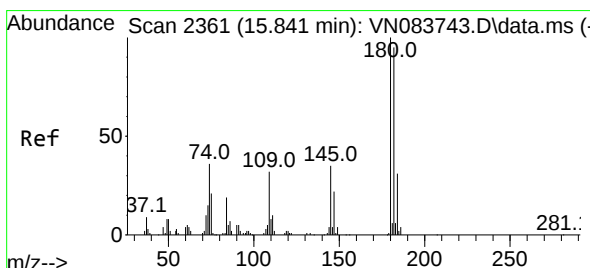
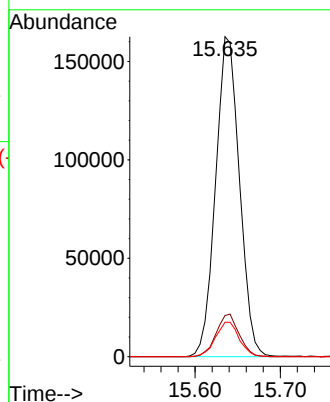
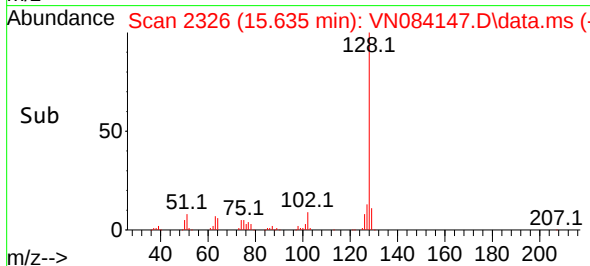
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 316364
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#96
1,2,3-Trichlorobenzene
Concen: 47.937 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN084147.D
Acq: 24 Sep 2024 20:19

Tgt Ion:180 Resp: 91671
Ion Ratio Lower Upper
180 100
182 96.9 47.1 141.4
145 36.6 17.8 53.5

