

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083906.D
 Acq On : 16 Sep 2024 08:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2024
 Supervised By : Mahesh Dadoda 09/17/2024

Quant Time: Sep 17 02:26:12 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	155819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120599	51.329	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.660%			
35) Dibromofluoromethane	8.165	113	89418	52.334	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.660%			
50) Toluene-d8	10.565	98	316123	53.519	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.040%			
62) 4-Bromofluorobenzene	12.847	95	123450	50.657	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	89369	49.386	ug/l	98
3) Chloromethane	2.359	50	92838	50.249	ug/l	94
4) Vinyl Chloride	2.512	62	94891	47.841	ug/l	95
5) Bromomethane	2.948	94	60509	53.133	ug/l	99
6) Chloroethane	3.118	64	62541	44.950	ug/l	99
7) Trichlorofluoromethane	3.495	101	159816	47.468	ug/l	100
8) Diethyl Ether	3.959	74	54428	48.226	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	87372	48.960	ug/l	98
10) Methyl Iodide	4.589	142	105378	46.430	ug/l	93
11) Tert butyl alcohol	5.524	59	95790	304.459	ug/l	100
12) 1,1-Dichloroethene	4.336	96	81284	48.230	ug/l	92
13) Acrolein	4.177	56	70900	228.393	ug/l	97
14) Allyl chloride	5.018	41	136006	45.289	ug/l	89
15) Acrylonitrile	5.718	53	223517	261.233	ug/l	99
16) Acetone	4.424	43	256329	272.149	ug/l	97
17) Carbon Disulfide	4.712	76	214900	45.584	ug/l	98
18) Methyl Acetate	5.018	43	110156	56.369	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	304799	49.978	ug/l	96
20) Methylene Chloride	5.271	84	93711	48.620	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	85274	47.213	ug/l	94
22) Diisopropyl ether	6.671	45	316381	51.179	ug/l	97
23) Vinyl Acetate	6.600	43	1198277	264.690	ug/l	98
24) 1,1-Dichloroethane	6.571	63	176362	49.519	ug/l	98
25) 2-Butanone	7.483	43	335062	270.661	ug/l	98
26) 2,2-Dichloropropane	7.488	77	166872	50.877	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	106429	49.638	ug/l	98
28) Bromochloromethane	7.812	49	81129	54.092	ug/l	96
29) Tetrahydrofuran	7.835	42	200201	273.505	ug/l	98
30) Chloroform	7.965	83	188996	49.985	ug/l	100
31) Cyclohexane	8.259	56	147022	43.296	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	172086	49.497	ug/l	98
36) 1,1-Dichloropropene	8.371	75	127207	49.464	ug/l	100
37) Ethyl Acetate	7.559	43	131792	56.458	ug/l	97
38) Carbon Tetrachloride	8.359	117	148992	51.067	ug/l	100
39) Methylcyclohexane	9.600	83	141911	48.480	ug/l	99
40) Benzene	8.606	78	384652	49.694	ug/l	100

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Manual Integrations
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Reviewed By : John Carlone 09/17/2024
 Supervised By : Mahesh Dadoda 09/17/2024

Quant Time: Sep 17 02:26:12 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)
41) Methacrylonitrile	7.777	41	75542	54.715	ug/l	98
42) 1,2-Dichloroethane	8.671	62	148729	51.422	ug/l	98
43) Isopropyl Acetate	8.688	43	229081	54.155	ug/l	99
44) Trichloroethene	9.347	130	95775	53.431	ug/l	100
45) 1,2-Dichloropropane	9.618	63	94793	50.669	ug/l	98
46) Dibromomethane	9.706	93	69240	52.839	ug/l	99
47) Bromodichloromethane	9.888	83	152855	53.899	ug/l	96
48) Methyl methacrylate	9.682	41	110027	54.823	ug/l	95
49) 1,4-Dioxane	9.694	88	35583	1077.771	ug/l #	100
51) 4-Methyl-2-Pentanone	10.441	43	661161	287.128	ug/l	98
52) Toluene	10.629	92	242436	51.205	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	156799	54.547	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	161950	53.634	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	90733	51.332	ug/l	98
56) Ethyl methacrylate	10.871	69	155094	57.031	ug/l	97
57) 1,3-Dichloropropane	11.165	76	158619	52.213	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	339918	346.893	ug/l	97
59) 2-Hexanone	11.194	43	502656	295.100	ug/l	98
60) Dibromochloromethane	11.359	129	111096	56.161	ug/l	100
61) 1,2-Dibromoethane	11.465	107	92643	52.554	ug/l	100
64) Tetrachloroethene	11.100	164	76827	48.404	ug/l	96
65) Chlorobenzene	11.888	112	258812	48.790	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	93621	50.910	ug/l	99
67) Ethyl Benzene	11.965	91	476269	50.542	ug/l	99
68) m/p-Xylenes	12.070	106	356022	101.764	ug/l	99
69) o-Xylene	12.394	106	174830	51.621	ug/l	97
70) Styrene	12.412	104	297966	53.608	ug/l	100
71) Bromoform	12.576	173	72749	58.707	ug/l #	100
73) Isopropylbenzene	12.694	105	451875	49.624	ug/l	100
74) N-amyl acetate	12.494	43	210770	54.250	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	130669	48.839	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	112696m	47.452	ug/l	
77) Bromobenzene	12.976	156	104735	47.782	ug/l	99
78) n-propylbenzene	13.035	91	540044	50.972	ug/l	99
79) 2-Chlorotoluene	13.123	91	331064	48.996	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	385552	50.220	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	49838	54.961	ug/l	98
82) 4-Chlorotoluene	13.217	91	337948	49.840	ug/l	100
83) tert-Butylbenzene	13.435	119	329495	49.056	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	390240	50.603	ug/l	99
85) sec-Butylbenzene	13.617	105	460914	51.742	ug/l	99
86) p-Isopropyltoluene	13.729	119	385591	51.638	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	199678	48.270	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	195762	46.736	ug/l	100
89) n-Butylbenzene	14.053	91	348078	51.918	ug/l	98
90) Hexachloroethane	14.335	117	71556	47.671	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	191076	47.861	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27849	52.216	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	100105	46.727	ug/l	98
94) Hexachlorobutadiene	15.500	225	43612	47.935	ug/l	100
95) Naphthalene	15.641	128	325598	49.955	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	97074	47.412	ug/l	99

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

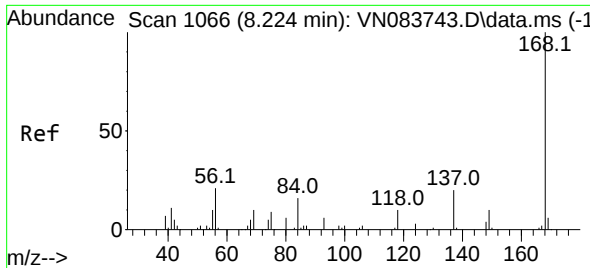
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

Quant Time: Sep 17 02:26:12 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: VN083906.D
Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

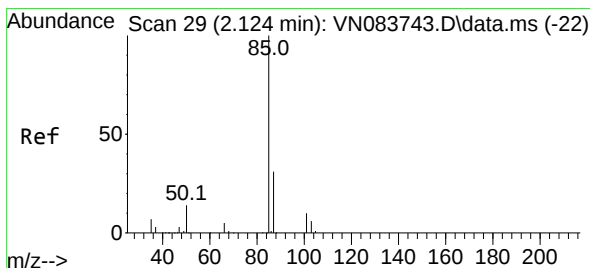
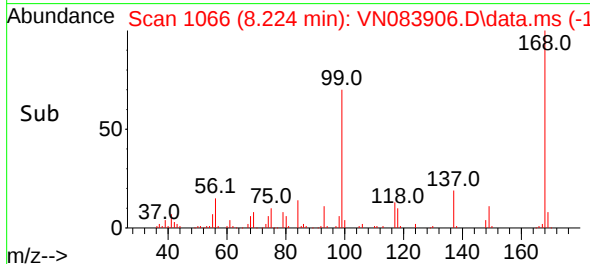
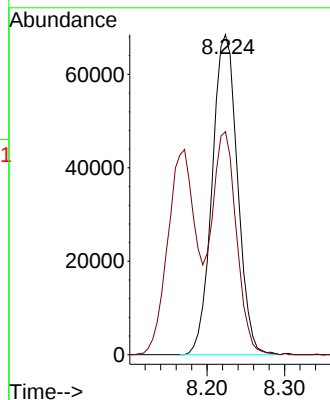
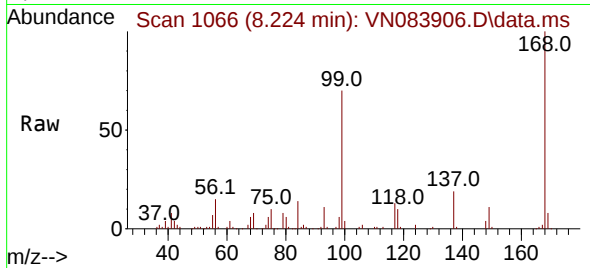
Tgt Ion:168 Resp: 155819
Ion Ratio Lower Upper
168 100
99 69.7 54.2 81.2

Manual Integrations

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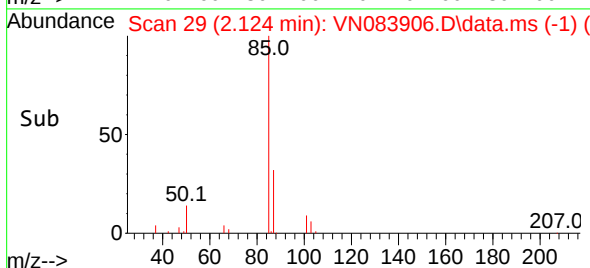
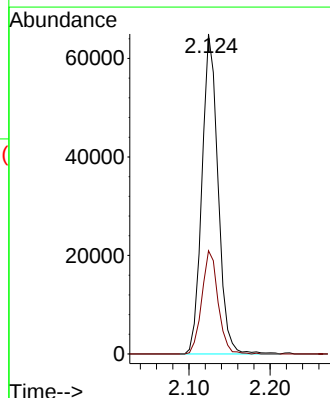
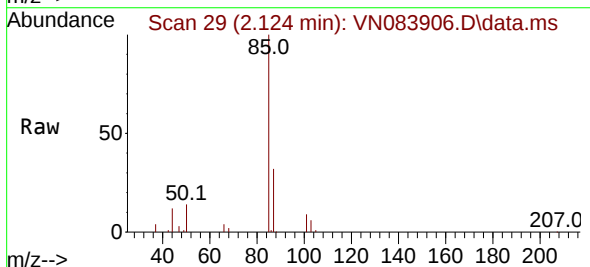
Reviewed By :John Carlone 09/17/2024

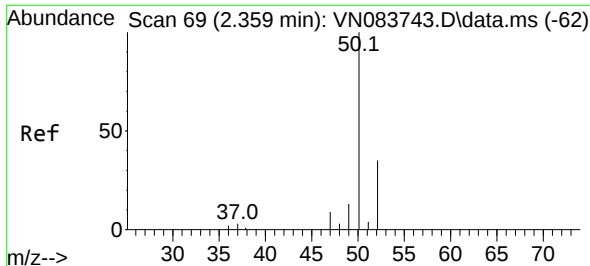
Supervised By :Mahesh Dadoda 09/17/2024



#2
Dichlorodifluoromethane
Concen: 49.386 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

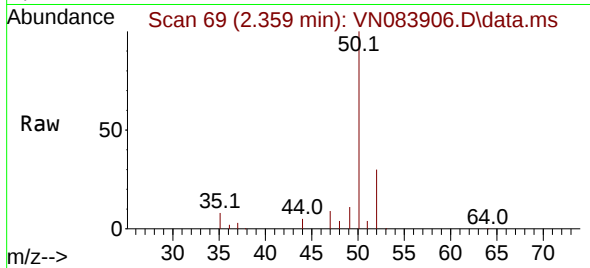
Tgt Ion: 85 Resp: 89369
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0





#3
Chloromethane
Concen: 50.249 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

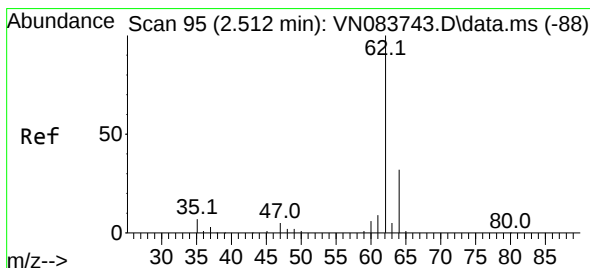
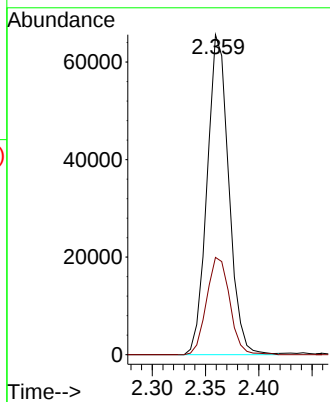
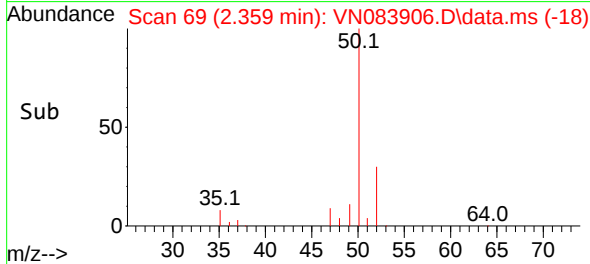
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 92838
Ion Ratio Lower Upper
50 100
52 30.4 27.2 40.8

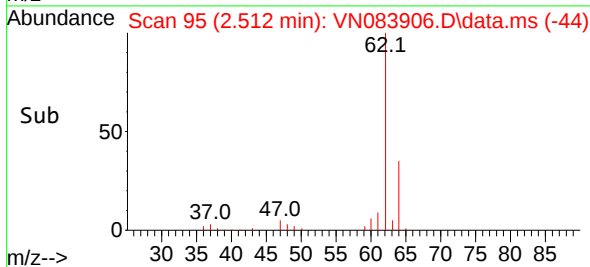
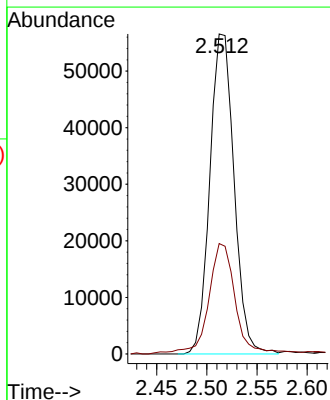
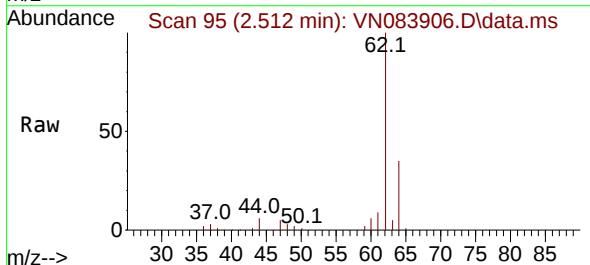
Manual Integrations
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#4
Vinyl Chloride
Concen: 47.841 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion: 62 Resp: 94891
Ion Ratio Lower Upper
62 100
64 33.6 24.7 37.1





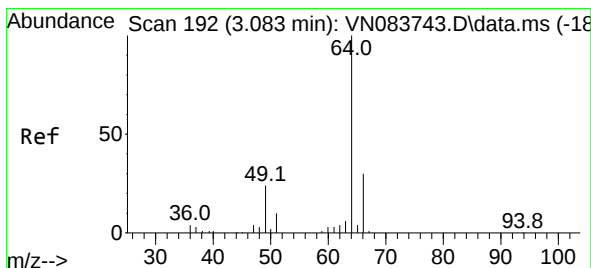
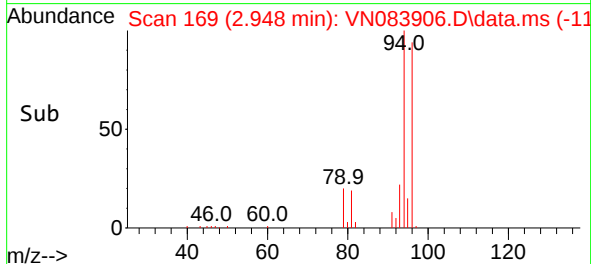
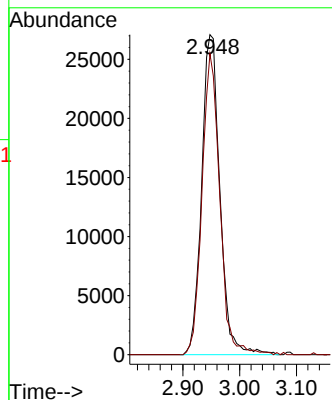
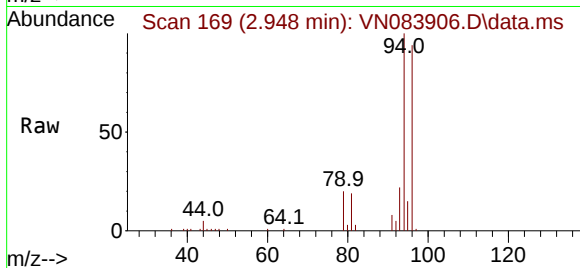
#5
Bromomethane
Concen: 53.133 ug/l
RT: 2.948 min Scan# 162
Delta R.T. 0.041 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 60509
Ion Ratio Lower Upper
94 100
96 94.0 76.0 114.0

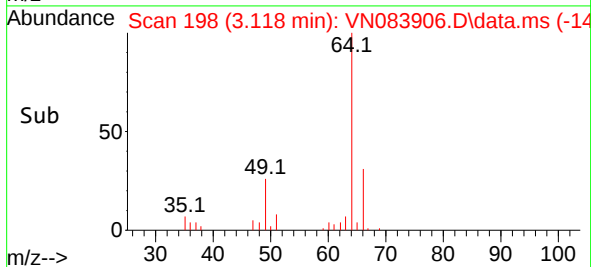
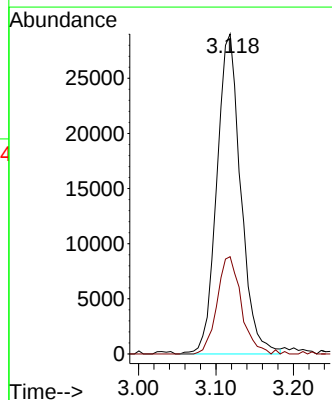
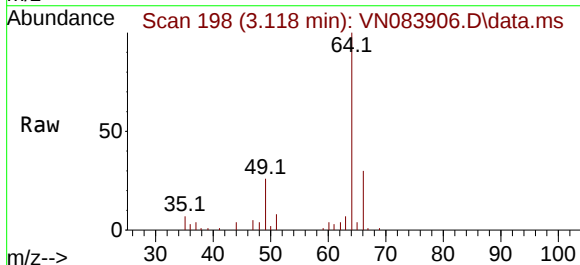
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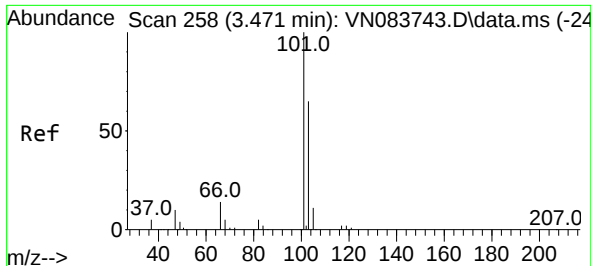
Reviewed By :John Carlone 09/17/2024
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#6
Chloroethane
Concen: 44.950 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.035 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion: 64 Resp: 62541
Ion Ratio Lower Upper
64 100
66 30.4 23.9 35.9





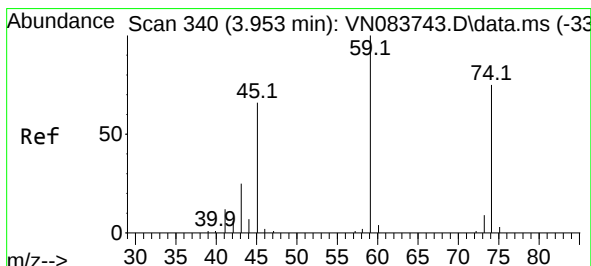
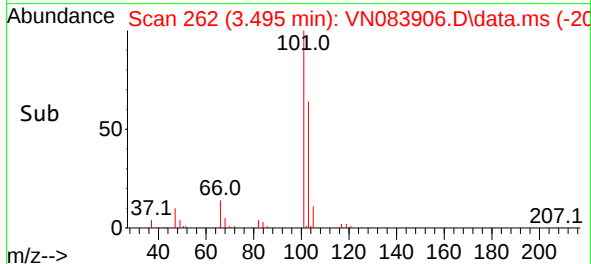
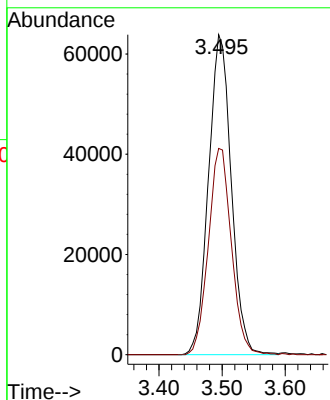
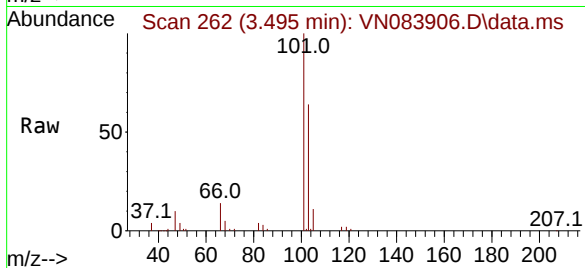
#7
Trichlorofluoromethane
Concen: 47.468 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.023 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 159810
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0

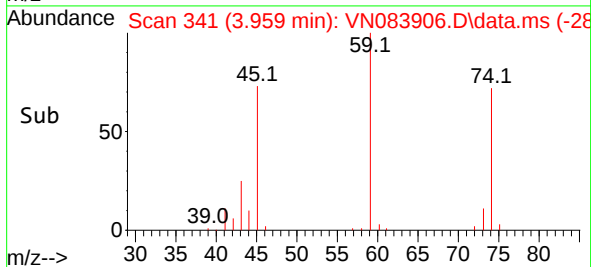
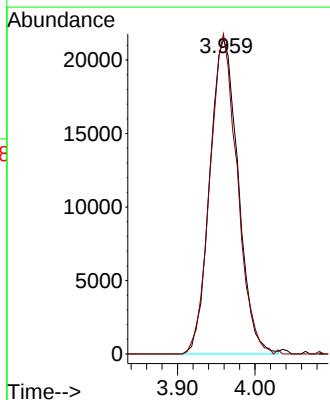
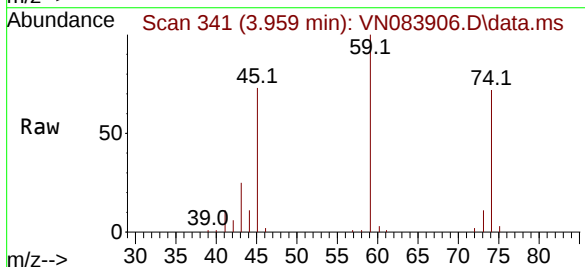
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#8
Diethyl Ether
Concen: 48.226 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion: 74 Resp: 54428
Ion Ratio Lower Upper
74 100
45 97.8 46.7 140.1





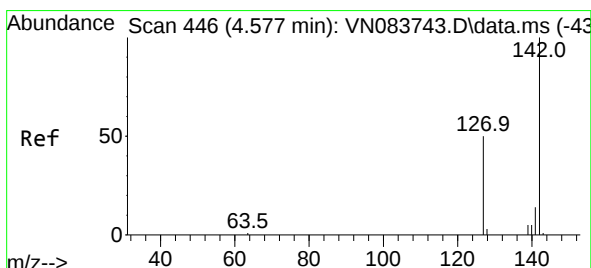
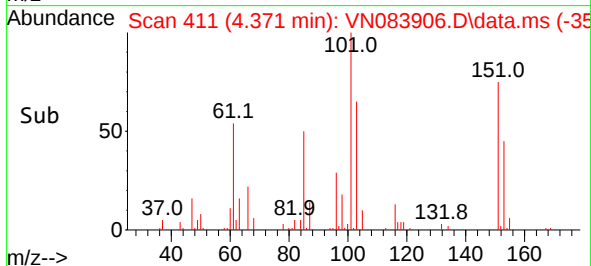
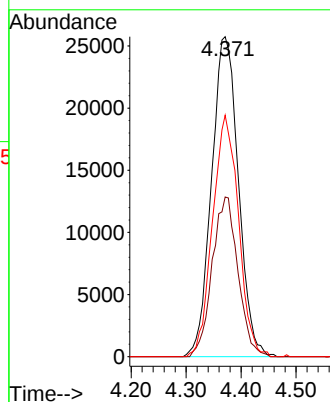
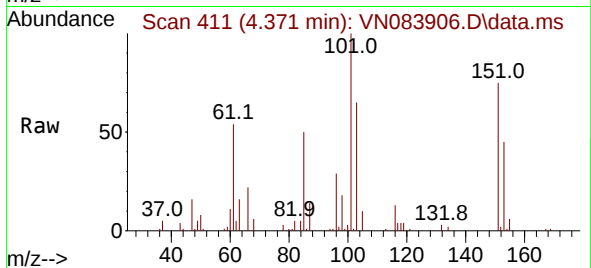
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.960 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 87372
Ion Ratio Lower Upper
101 100
85 47.8 36.2 54.4
151 72.9 57.7 86.5

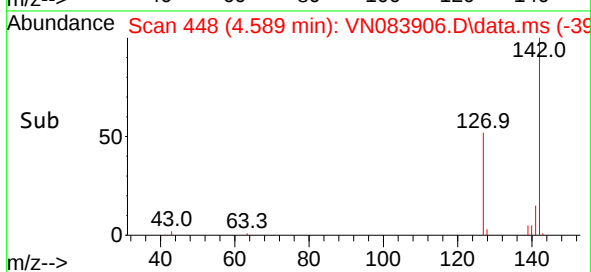
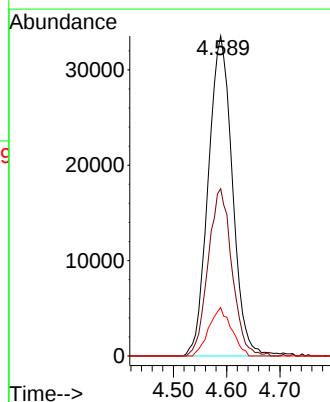
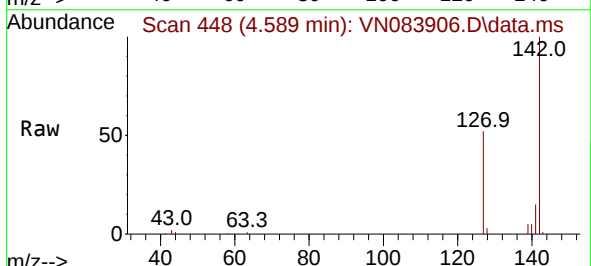
Manual Integrations
APPROVED

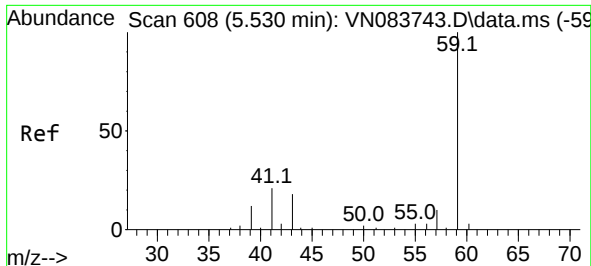
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#10
Methyl Iodide
Concen: 46.430 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

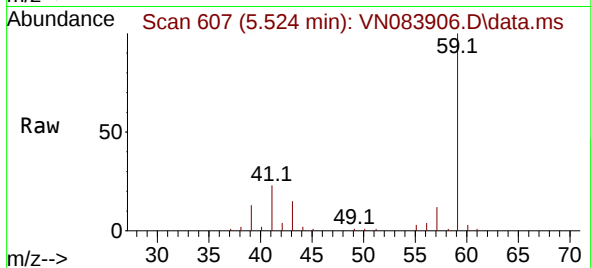
Tgt Ion:142 Resp: 105378
Ion Ratio Lower Upper
142 100
127 52.2 37.5 56.3
141 15.1 11.0 16.4





#11
Tert butyl alcohol
Concen: 304.459 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

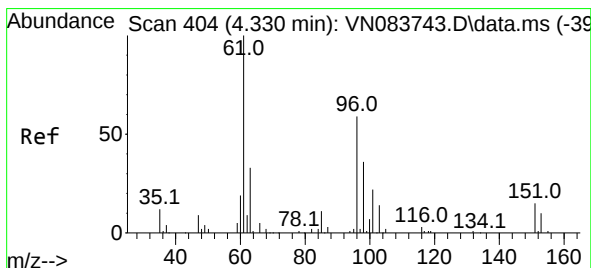
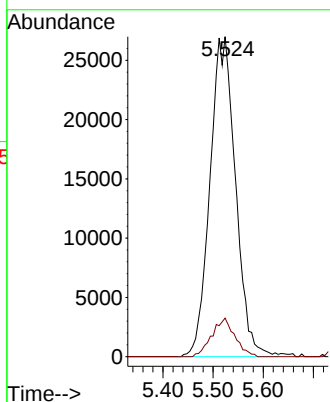
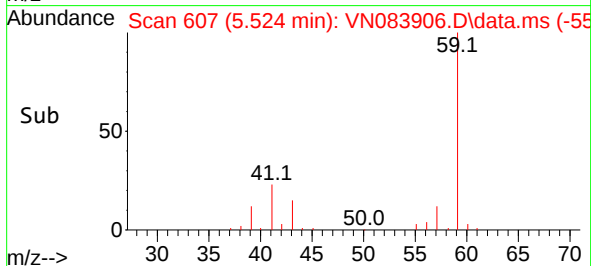
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



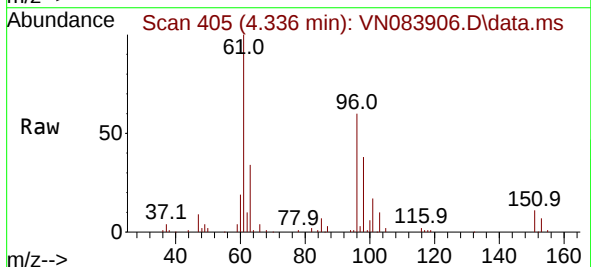
Tgt Ion: 59 Resp: 95790
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

Manual Integrations
APPROVED

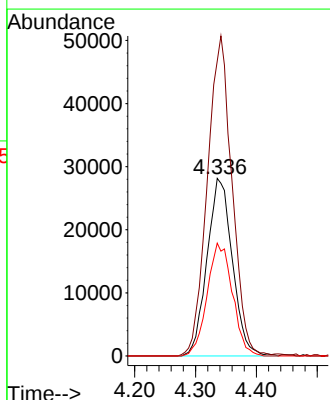
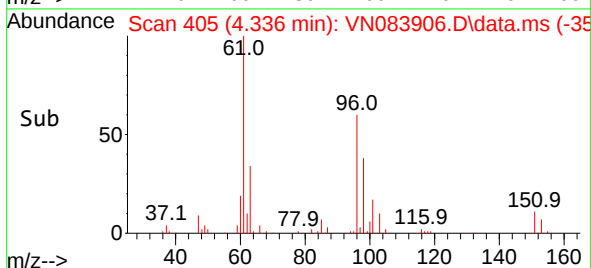
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

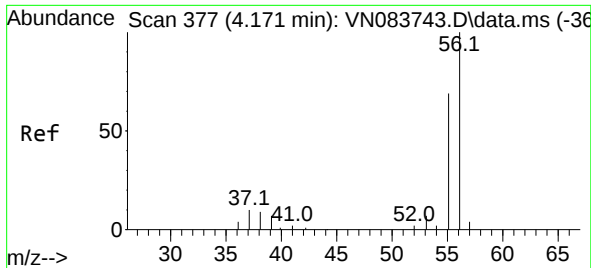


#12
1,1-Dichloroethene
Concen: 48.230 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53



Tgt Ion: 96 Resp: 81284
Ion Ratio Lower Upper
96 100
61 166.1 143.4 215.0
98 63.6 52.7 79.1





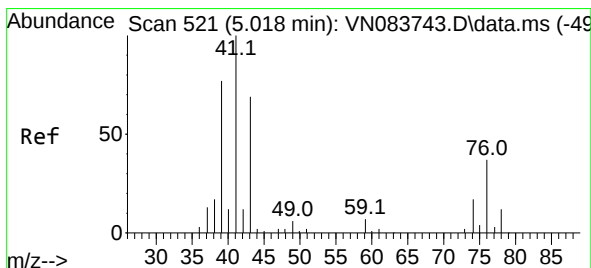
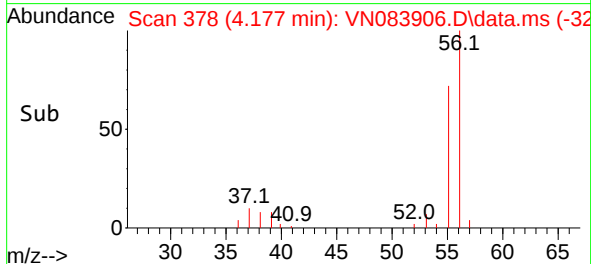
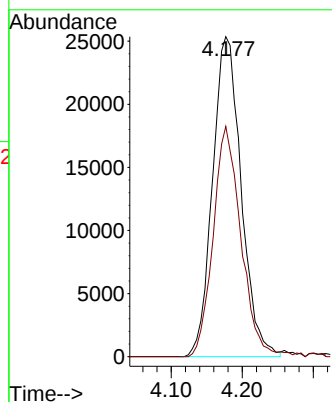
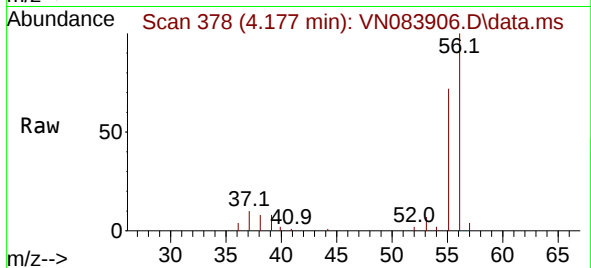
#13
Acrolein
Concen: 228.393 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 70900
Ion Ratio Lower Upper
56 100
55 70.0 58.2 87.2

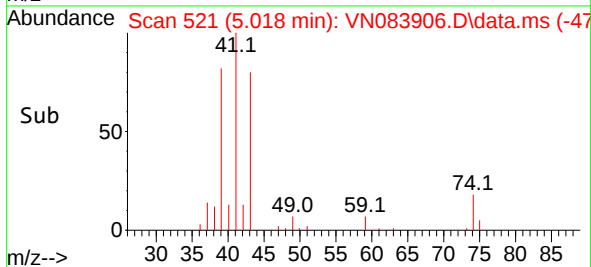
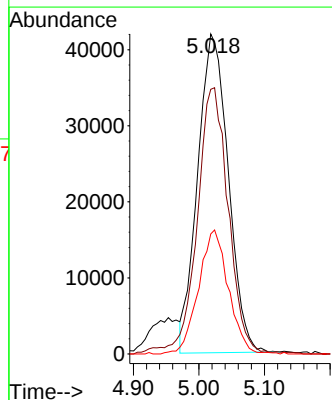
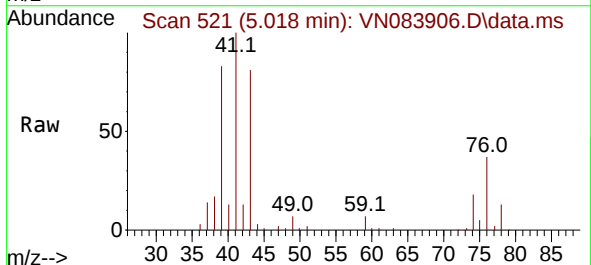
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#14
Allyl chloride
Concen: 45.289 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

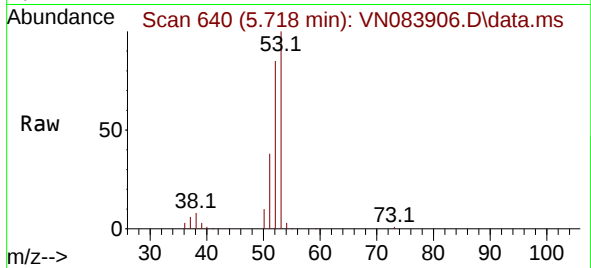
Tgt Ion: 41 Resp: 136006
Ion Ratio Lower Upper
41 100
39 85.1 59.3 88.9
76 38.1 27.7 41.5





#15
Acrylonitrile
Concen: 261.233 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

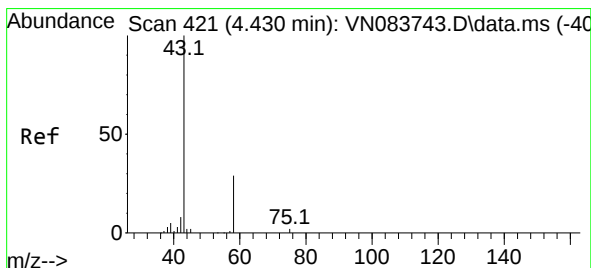
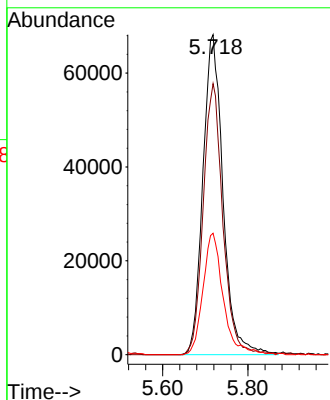
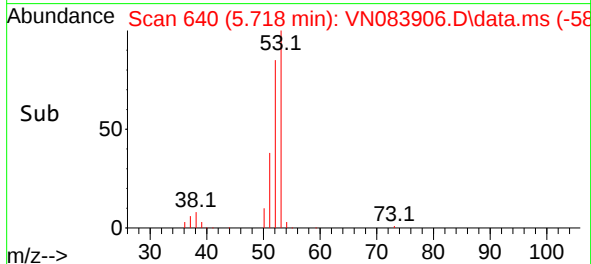
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 22351
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 38.2 29.6 44.4

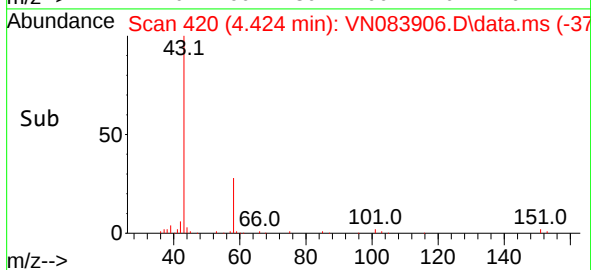
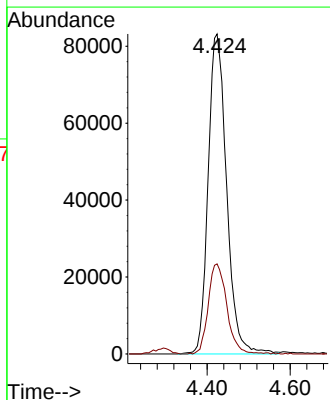
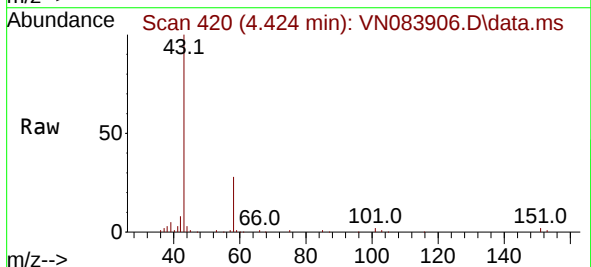
Manual Integrations
APPROVED

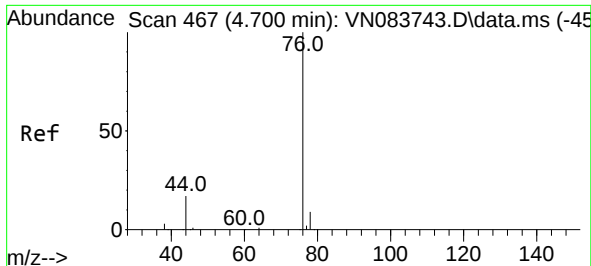
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#16
Acetone
Concen: 272.149 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion: 43 Resp: 256329
Ion Ratio Lower Upper
43 100
58 28.0 23.7 35.5





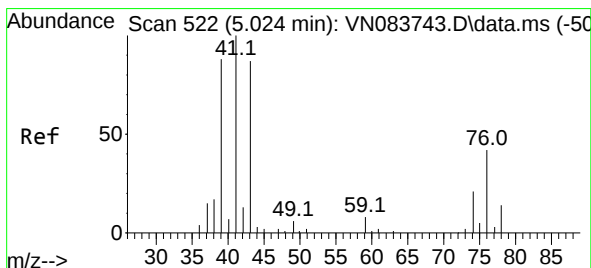
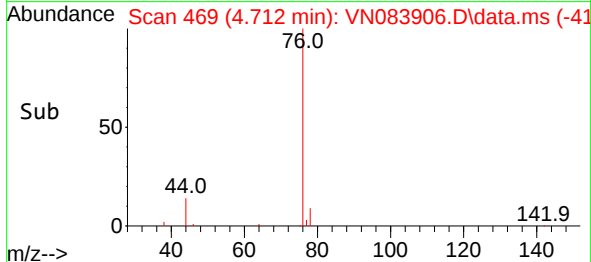
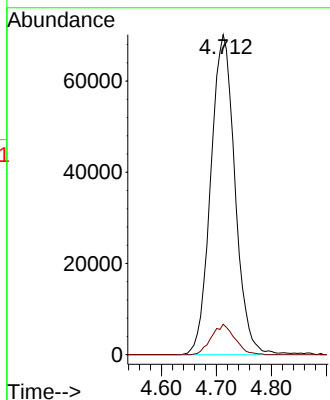
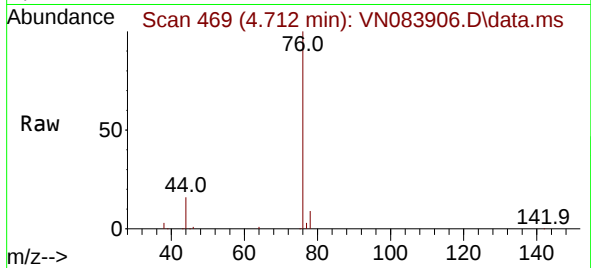
#17
Carbon Disulfide
Concen: 45.584 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 214900
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

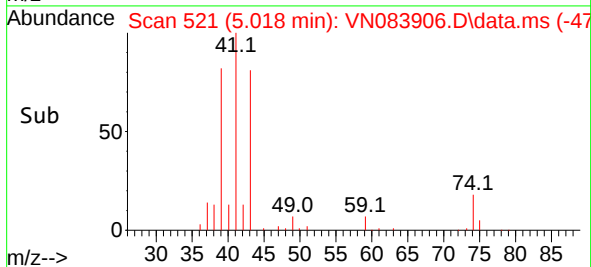
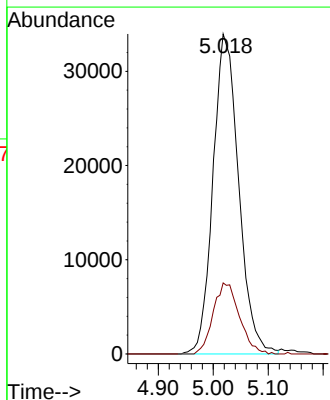
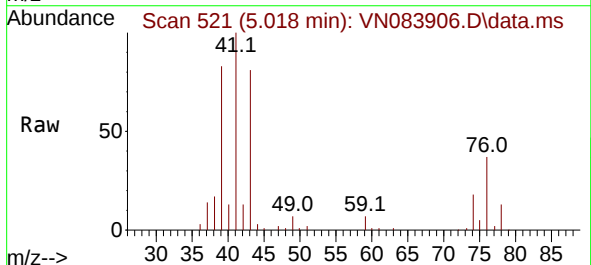
Manual Integrations
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Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#18
Methyl Acetate
Concen: 56.369 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion: 43 Resp: 110156
Ion Ratio Lower Upper
43 100
74 22.7 19.0 28.4





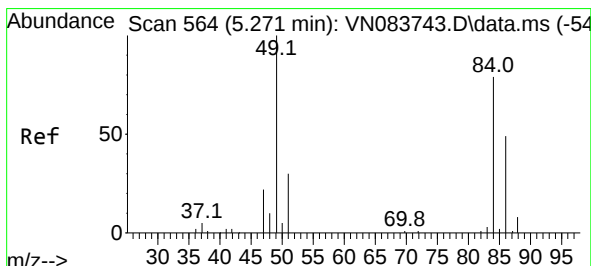
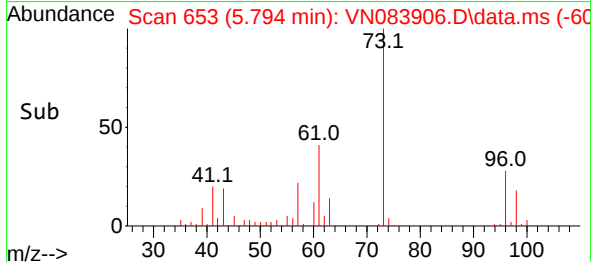
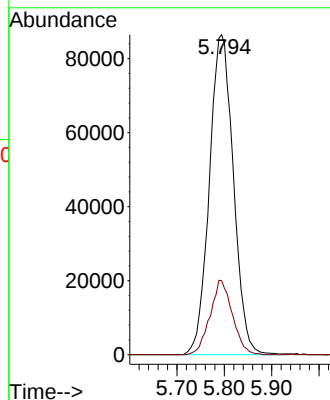
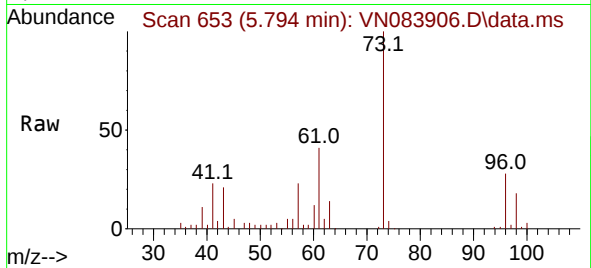
#19
Methyl tert-butyl Ether
Concen: 49.978 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 304799
Ion Ratio Lower Upper
73 100
57 23.1 17.0 25.6

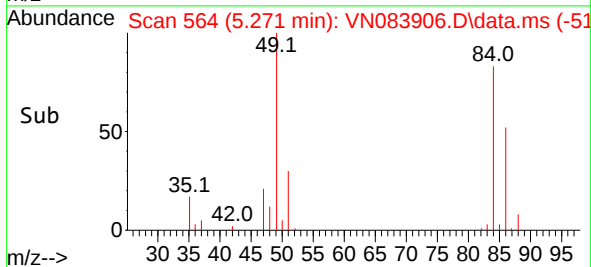
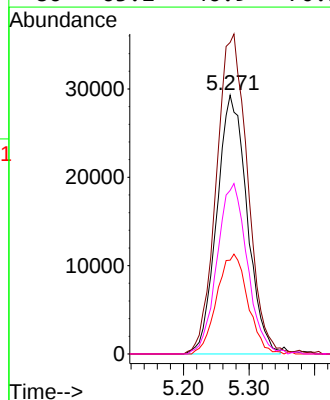
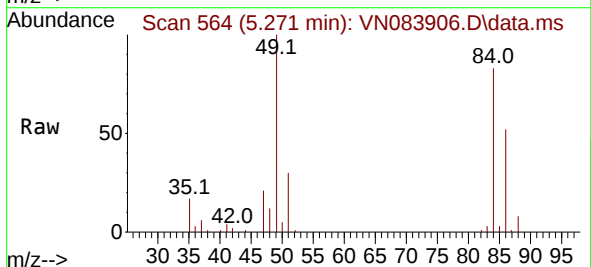
Manual Integrations
APPROVED

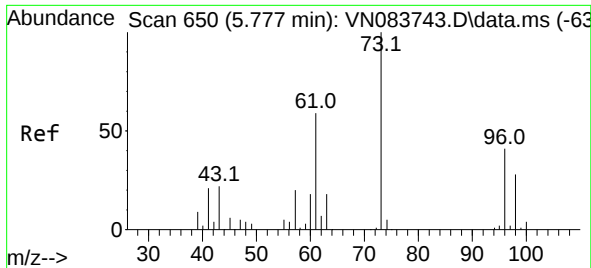
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#20
Methylene Chloride
Concen: 48.620 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion: 84 Resp: 93711
Ion Ratio Lower Upper
84 100
49 120.5 93.4 140.0
51 36.3 29.2 43.8
86 63.2 46.9 70.3





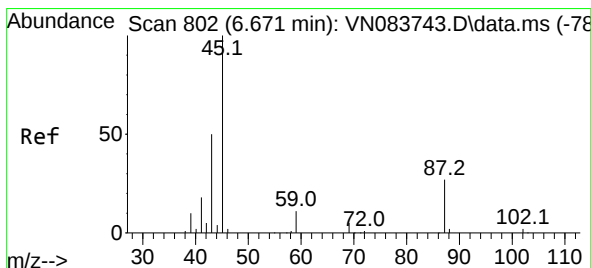
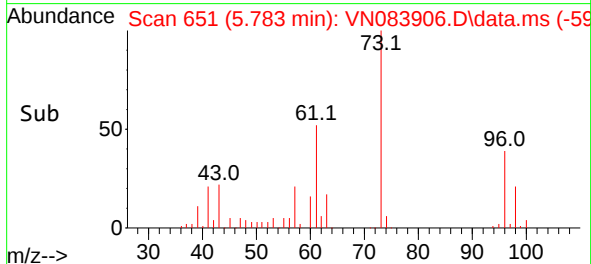
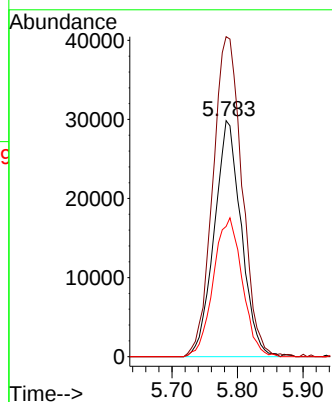
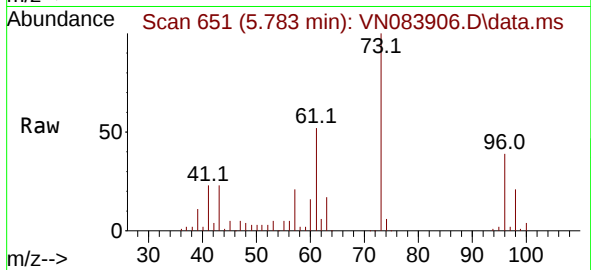
#21
trans-1,2-Dichloroethene
Concen: 47.213 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 85274
Ion Ratio Lower Upper
96 100
61 135.6 106.0 159.0
98 55.2 52.2 78.2

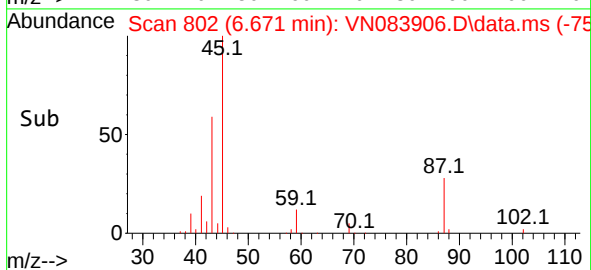
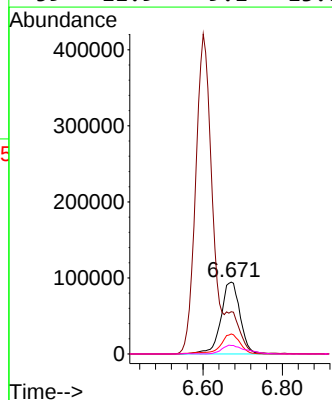
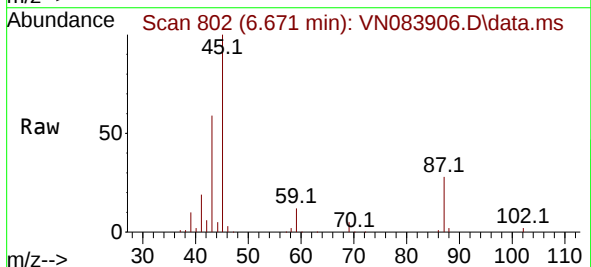
Manual Integrations
APPROVED

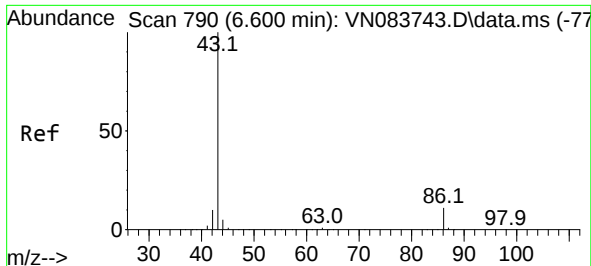
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#22
Diisopropyl ether
Concen: 51.179 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

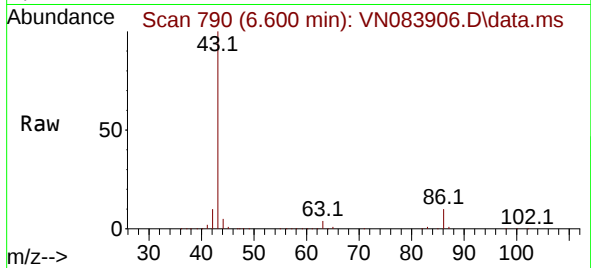
Tgt Ion: 45 Resp: 316381
Ion Ratio Lower Upper
45 100
43 58.0 43.4 65.0
87 27.8 22.6 33.8
59 11.9 9.1 13.7





#23
 Vinyl Acetate
 Concen: 264.690 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

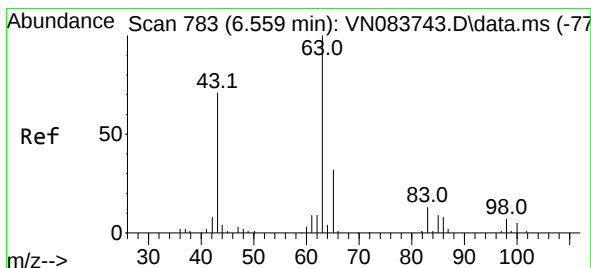
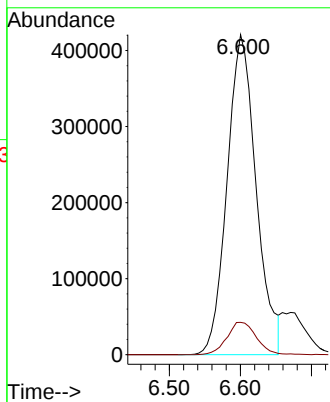
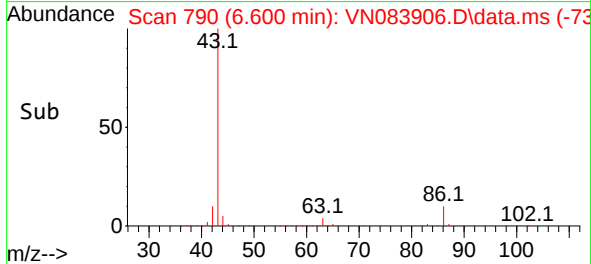
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



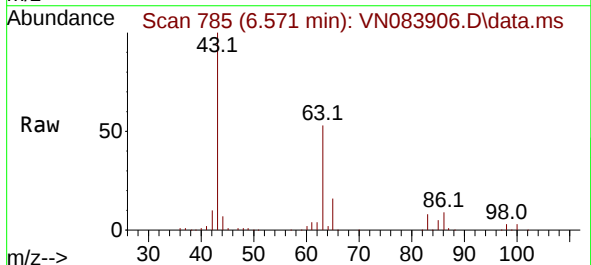
Tgt Ion: 43 Resp: 119827
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.7 13.1

Manual Integrations
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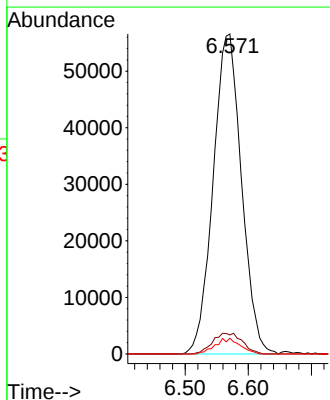
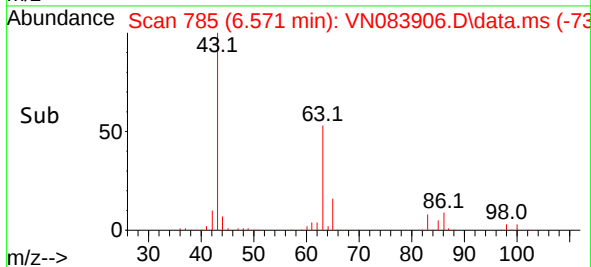
Reviewed By :John Carlone 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

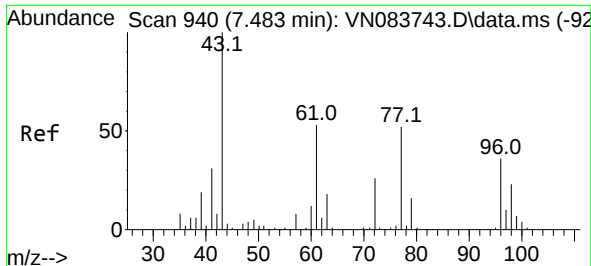


#24
 1,1-Dichloroethane
 Concen: 49.519 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.012 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53



Tgt Ion: 63 Resp: 176362
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.4
 100 4.9 2.5 7.5





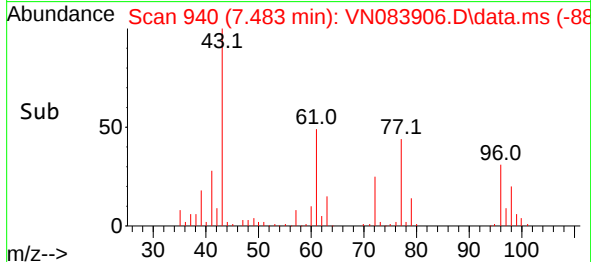
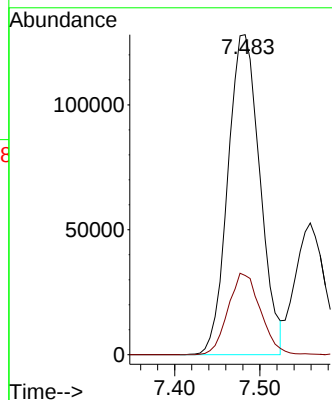
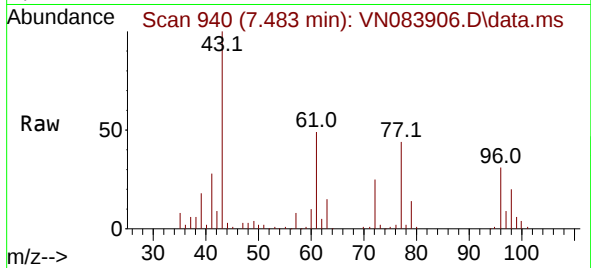
#25
2-Butanone
Concen: 270.661 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 335062
Ion Ratio Lower Upper
43 100
72 24.7 20.8 31.2

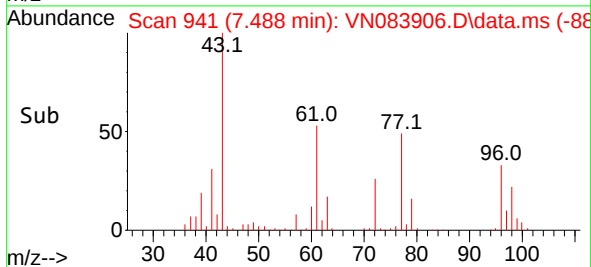
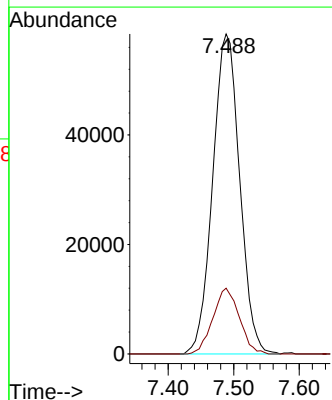
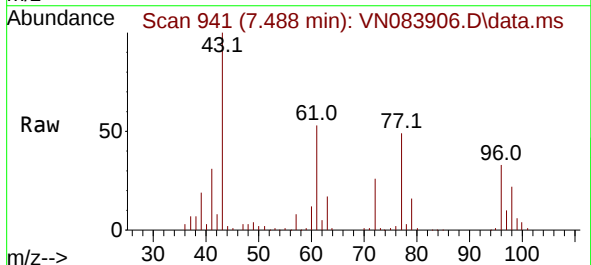
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#26
2,2-Dichloropropane
Concen: 50.877 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

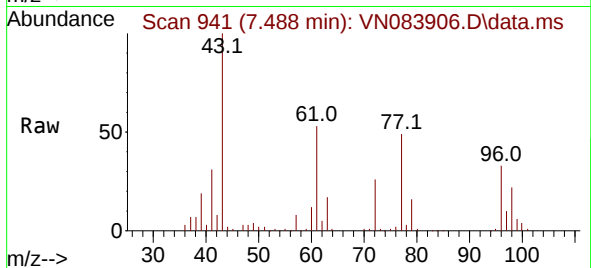
Tgt Ion: 77 Resp: 166872
Ion Ratio Lower Upper
77 100
97 20.1 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 49.638 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

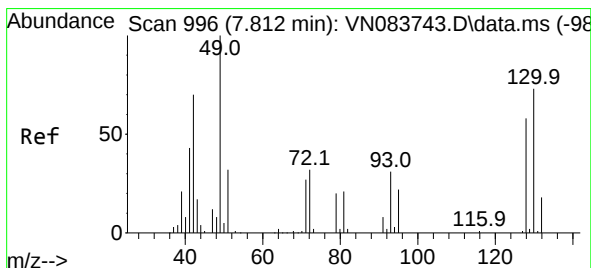
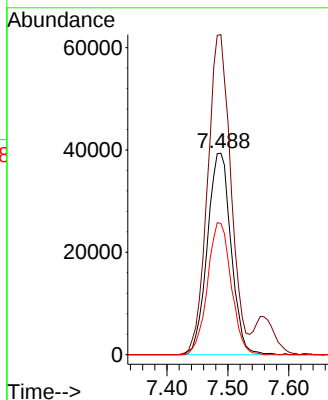
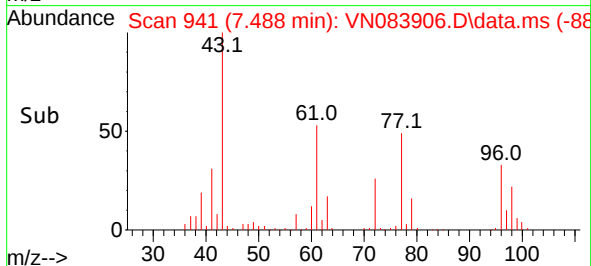
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 106429
 Ion Ratio Lower Upper
 96 100
 61 156.7 0.0 306.2
 98 65.2 0.0 128.6

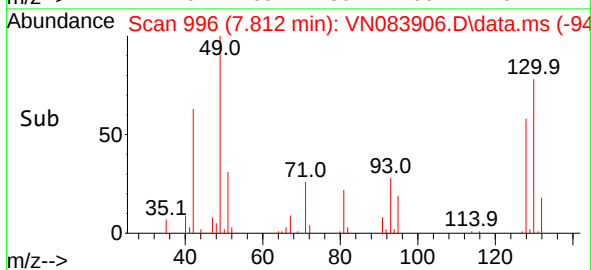
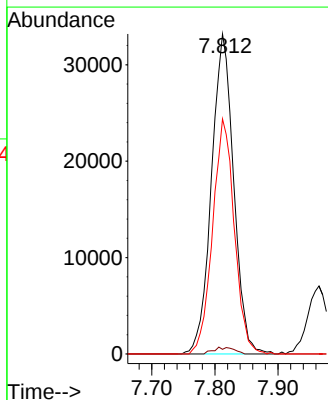
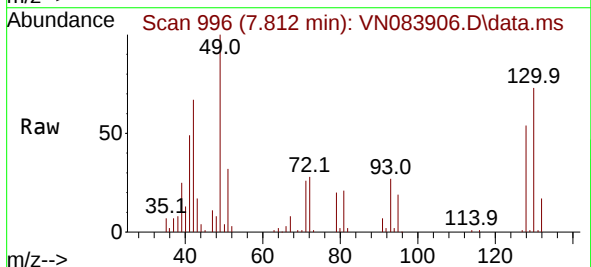
Manual Integrations
 APPROVED

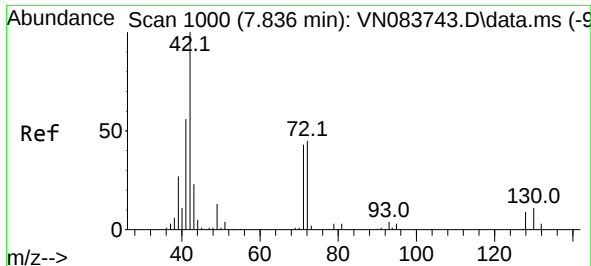
Reviewed By :John Carlone 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#28
 Bromochloromethane
 Concen: 54.092 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

Tgt Ion: 49 Resp: 81129
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 71.8 60.2 90.2





#29

Tetrahydrofuran

Concen: 273.505 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

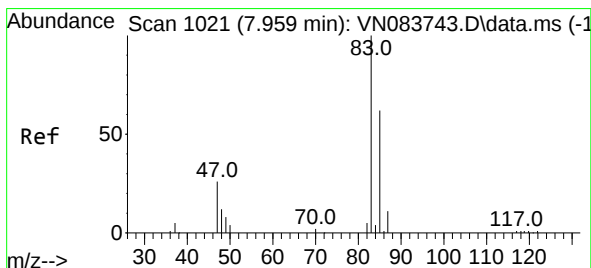
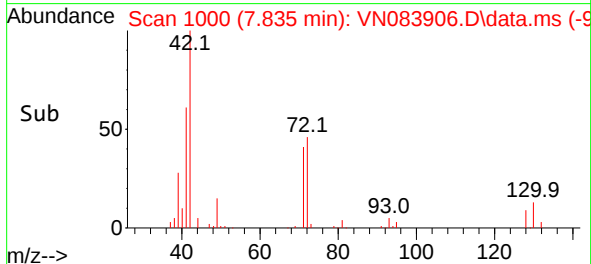
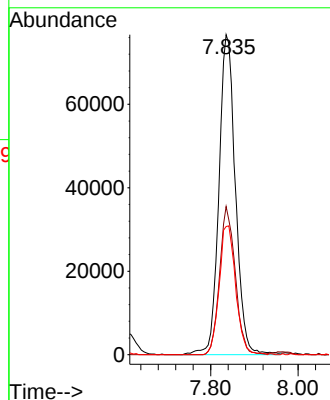
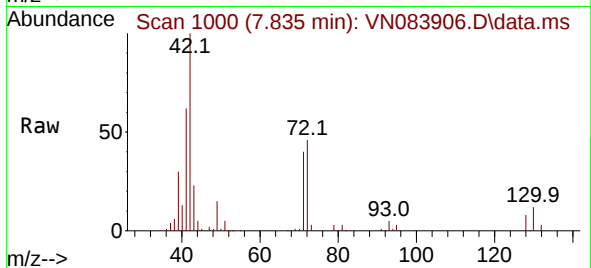
Tgt Ion:	42	Resp:	20020
Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.9	53.9
71	40.3	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#30

Chloroform

Concen: 49.985 ug/l

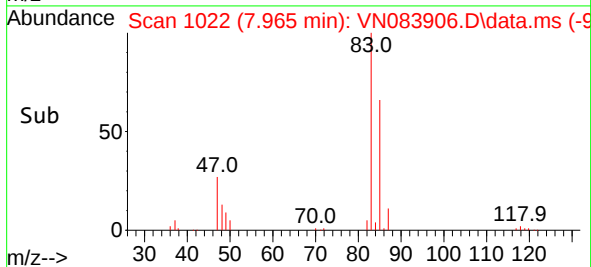
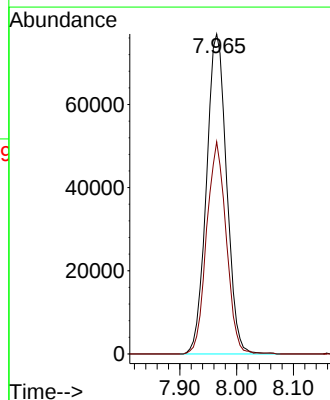
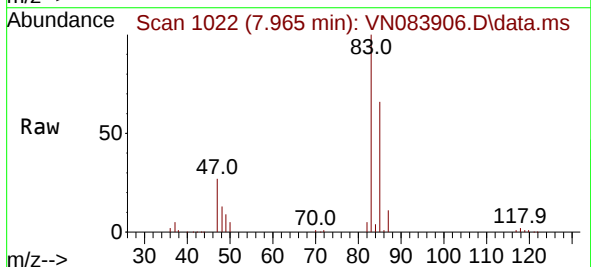
RT: 7.965 min Scan# 1022

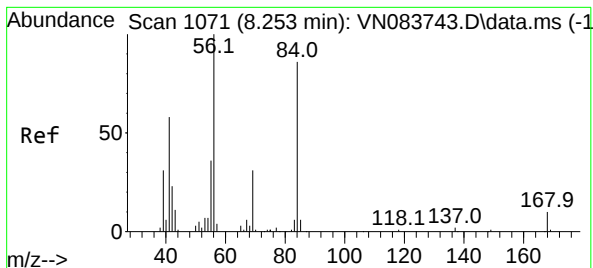
Delta R.T. 0.006 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Tgt Ion:	83	Resp:	188996
Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.8	79.2





#31

Cyclohexane

Concen: 43.296 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 14702

Ion Ratio Lower Upper

56 100

69 32.4 26.9 40.3

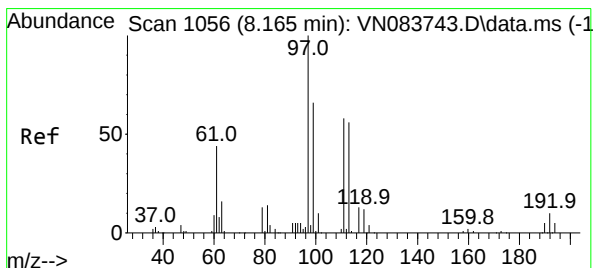
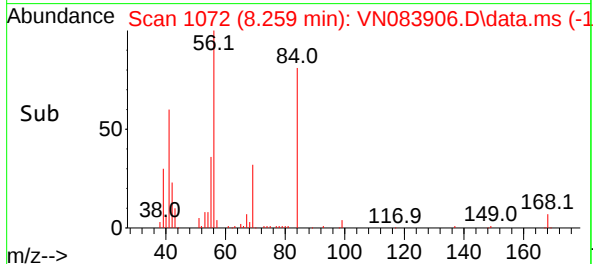
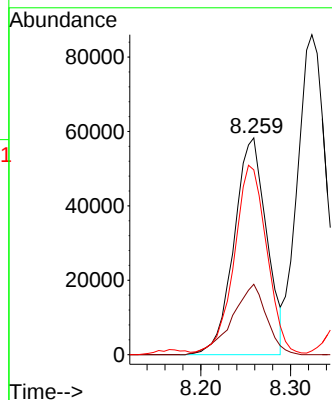
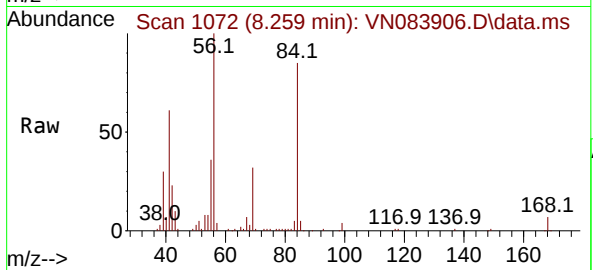
84 83.5 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#32

1,1,1-Trichloroethane

Concen: 49.497 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

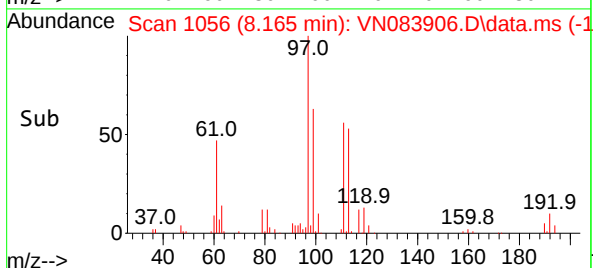
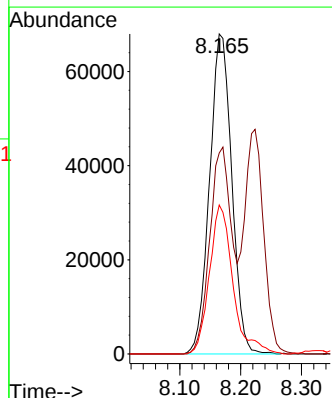
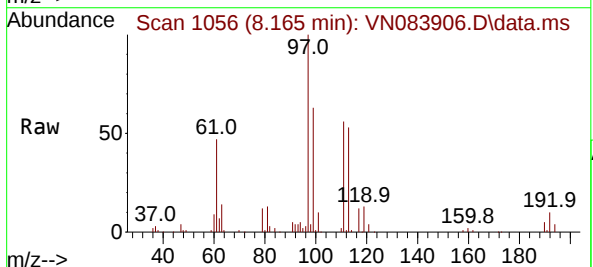
Tgt Ion: 97 Resp: 172086

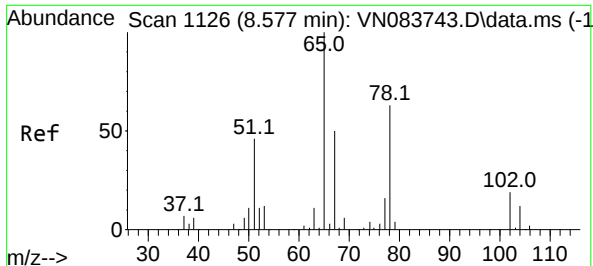
Ion Ratio Lower Upper

97 100

99 64.0 52.3 78.5

61 49.3 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 51.329 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 120599

Ion Ratio Lower Upper

65 100

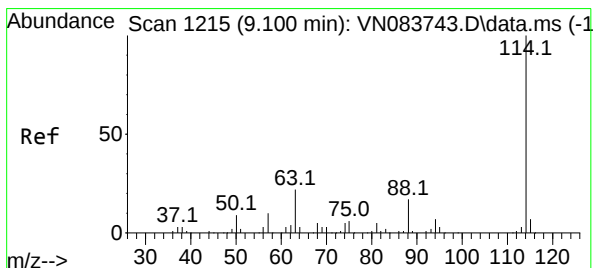
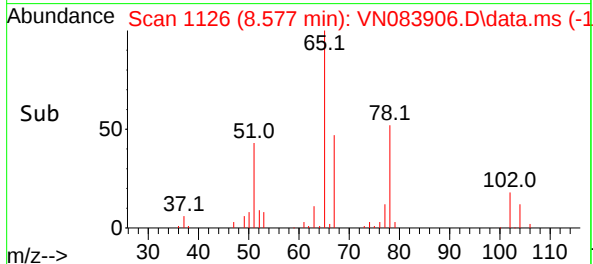
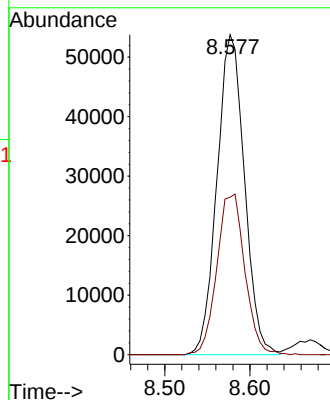
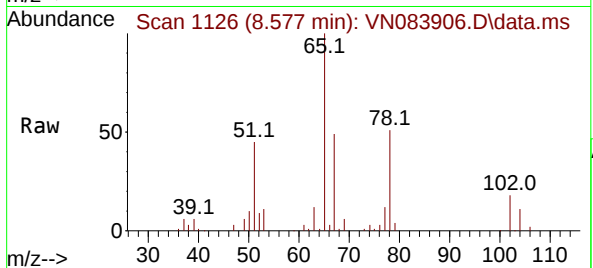
67 51.2 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

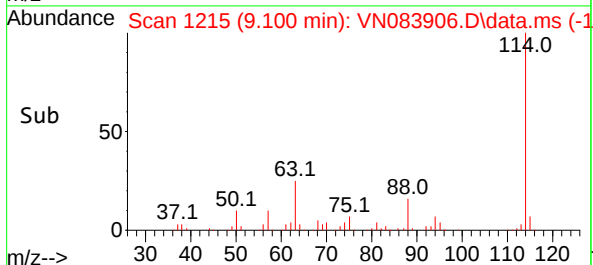
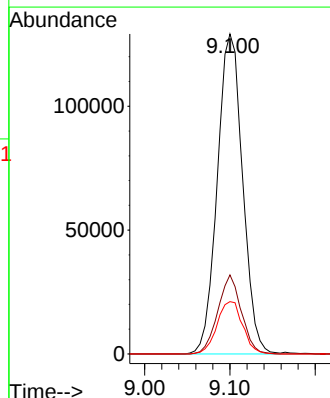
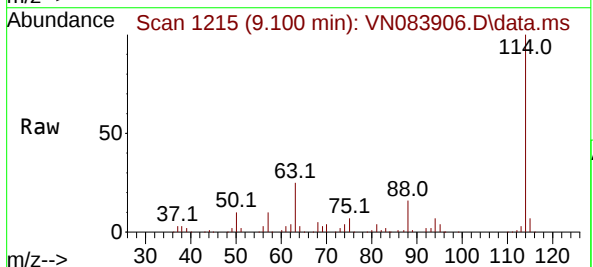
Tgt Ion:114 Resp: 266891

Ion Ratio Lower Upper

114 100

63 24.7 0.0 43.4

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.334 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

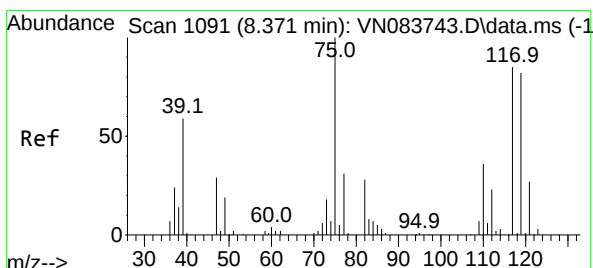
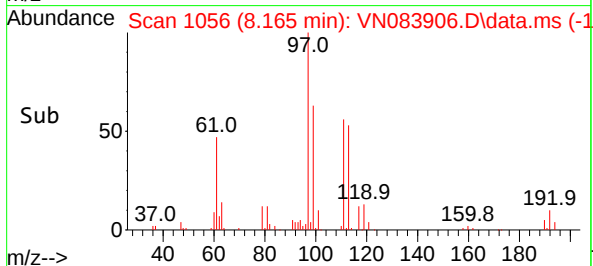
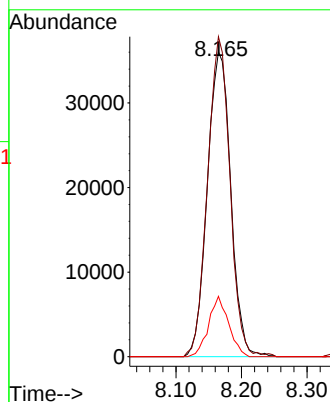
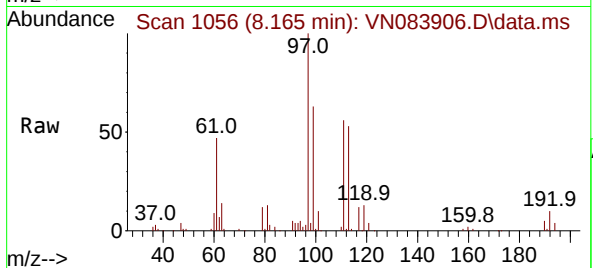
Tgt Ion:	113	Resp:	89418
Ion Ratio	Lower	Upper	
113	100		
111	100.5	82.6	124.0
192	17.0	14.3	21.5

Manual Integrations

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Reviewed By :John Carlone 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#36

1,1-Dichloropropene

Concen: 49.464 ug/l

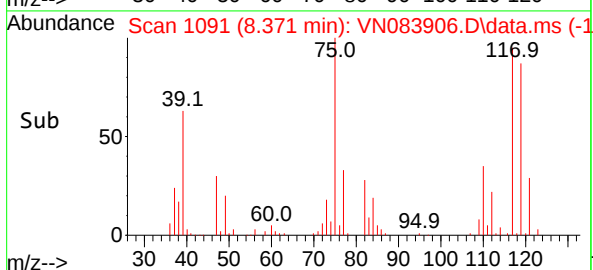
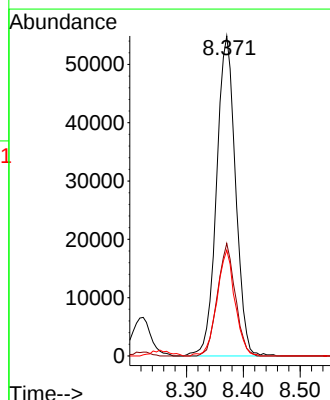
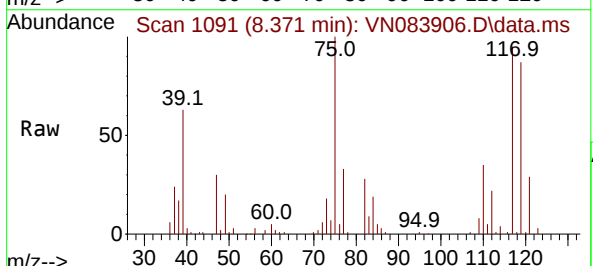
RT: 8.371 min Scan# 1091

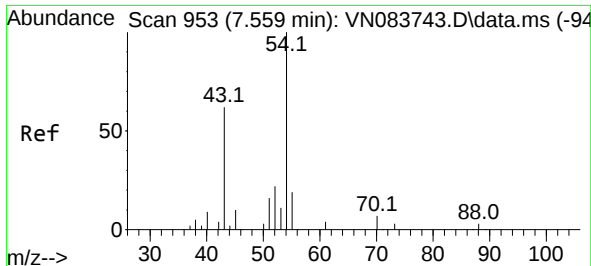
Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Tgt Ion:	75	Resp:	127207
Ion Ratio	Lower	Upper	
75	100		
110	33.1	16.7	50.1
77	31.5	25.2	37.8





#37

Ethyl Acetate

Concen: 56.458 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 131792

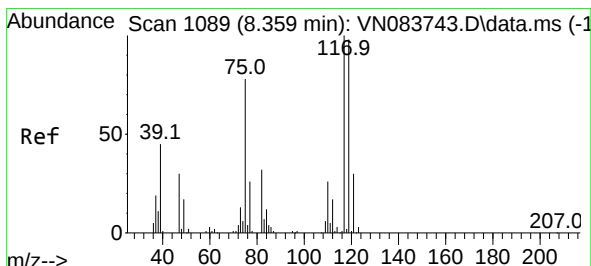
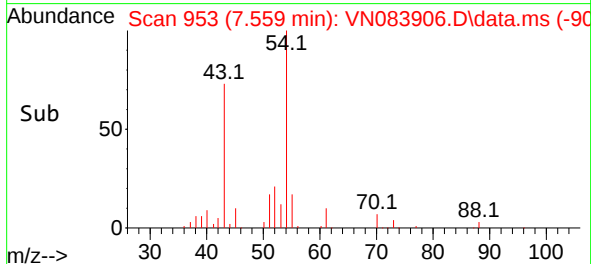
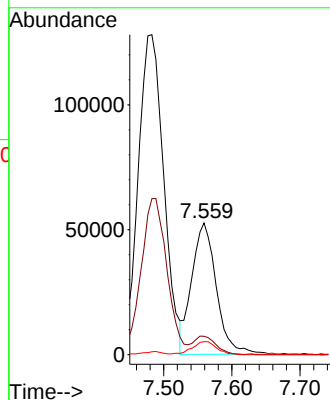
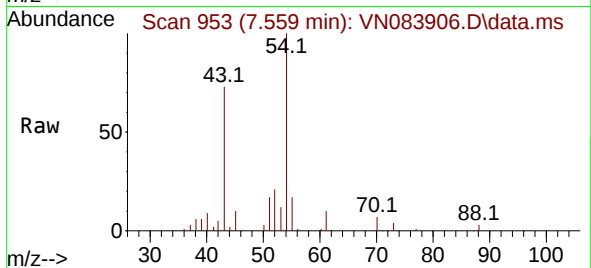
Ion	Ratio	Lower	Upper
43	100		
61	12.9	11.1	16.7
70	9.8	8.8	13.2

Manual Integrations

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Reviewed By :John Carlone 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#38

Carbon Tetrachloride

Concen: 51.067 ug/l

RT: 8.359 min Scan# 1089

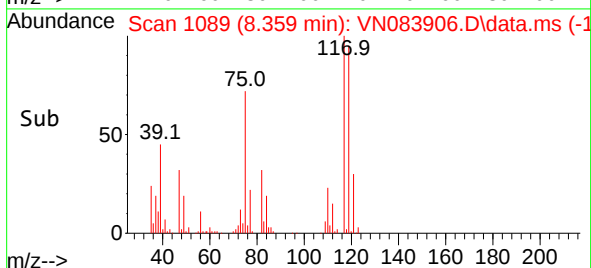
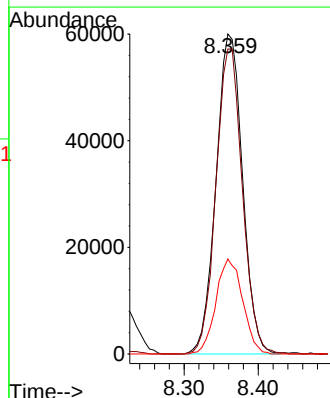
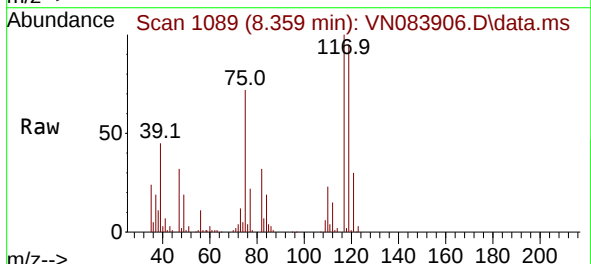
Delta R.T. -0.000 min

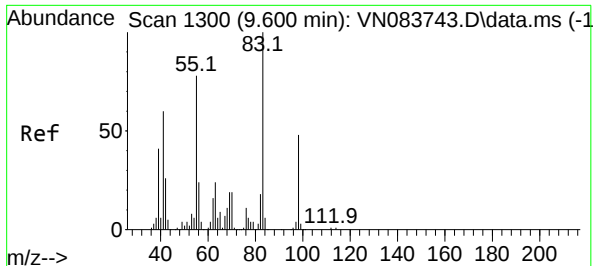
Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Tgt Ion:117 Resp: 148992

Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.1	114.1
121	29.7	24.1	36.1





#39

Methylcyclohexane

Concen: 48.480 ug/l

RT: 9.600 min Scan# 1119

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

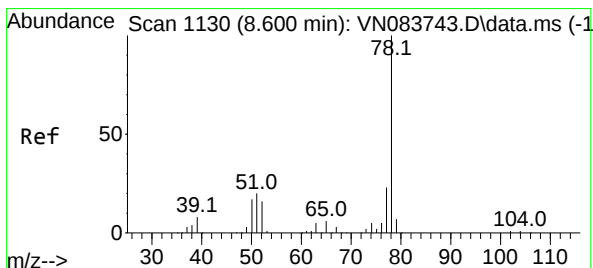
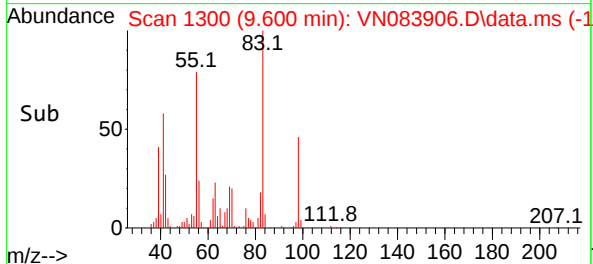
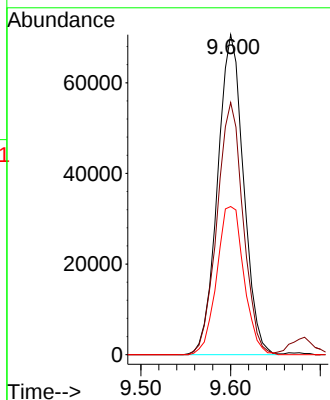
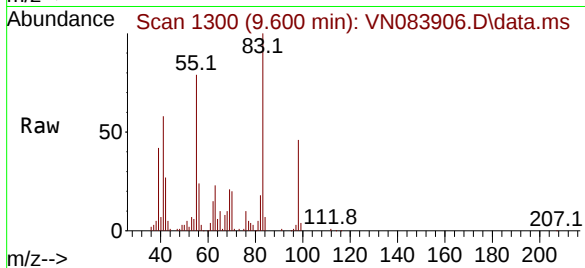
Tgt Ion:	83	Resp:	14191
Ion Ratio	Lower	Upper	
83	100		
55	78.8	62.2	93.4
98	46.3	37.6	56.4

Manual Integrations

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Reviewed By :John Carlone 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#40

Benzene

Concen: 49.694 ug/l

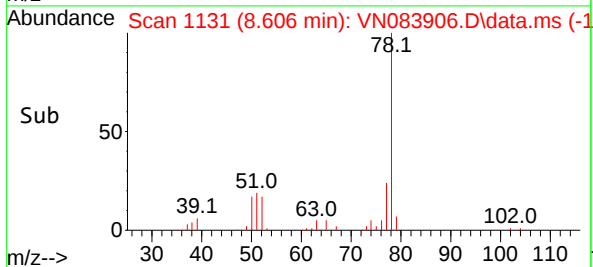
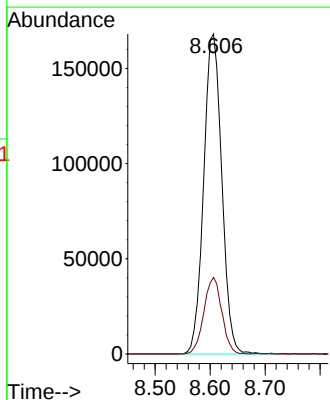
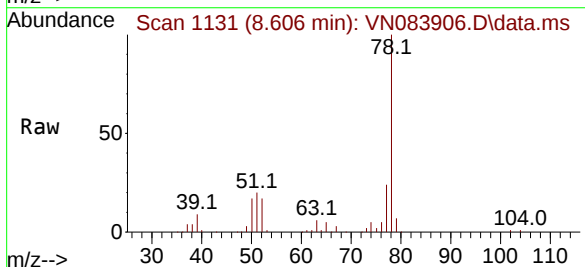
RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Tgt Ion:	78	Resp:	384652
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.0	28.6





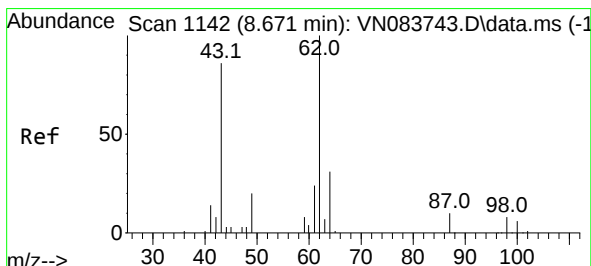
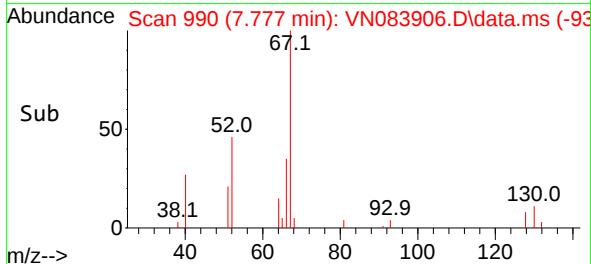
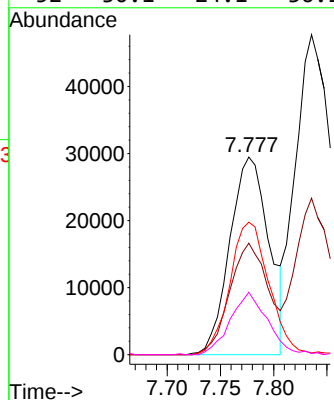
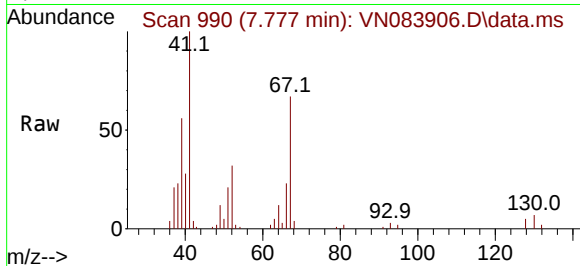
#41
Methacrylonitrile
Concen: 54.715 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41	Resp: 7554
Ion Ratio	Lower Upper
41 100	
39 55.9	45.4 68.2
67 67.0	55.9 83.9
52 30.1	24.1 36.1

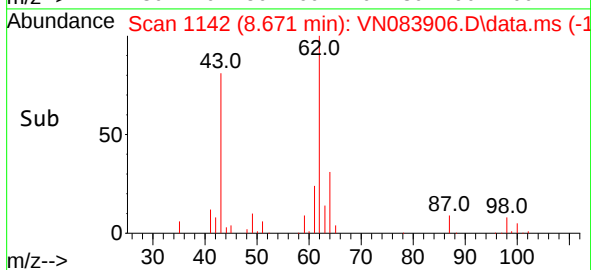
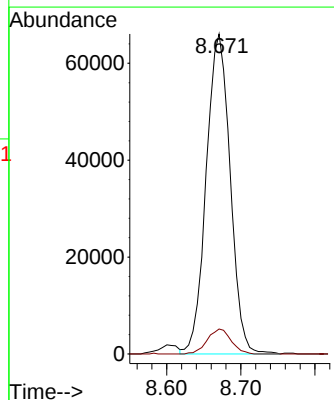
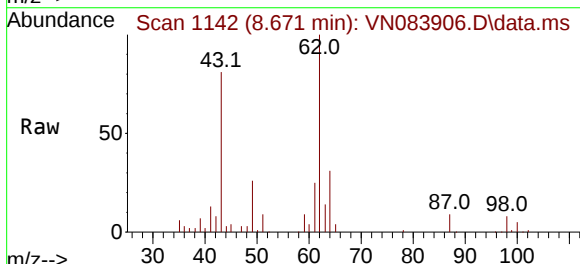
Manual Integrations
APPROVED

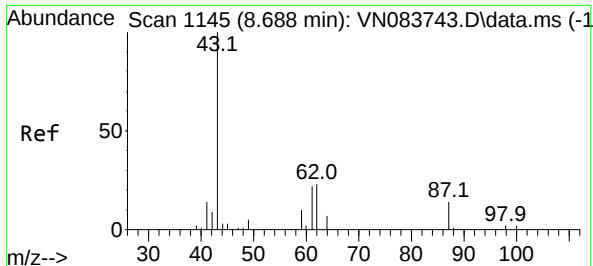
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#42
1,2-Dichloroethane
Concen: 51.422 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion: 62	Resp: 148729
Ion Ratio	Lower Upper
62 100	
98 7.7	0.0 16.6





#43

Isopropyl Acetate

Concen: 54.155 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

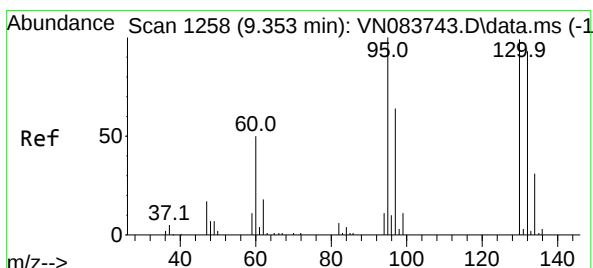
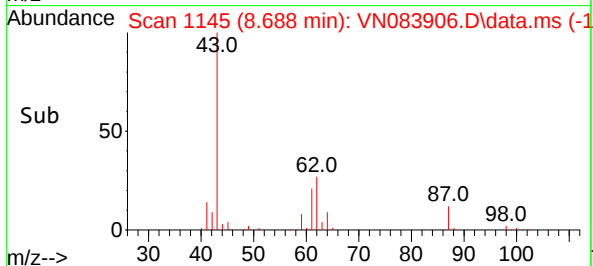
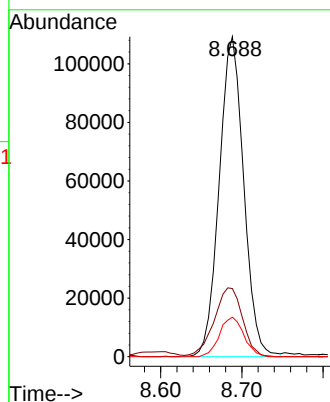
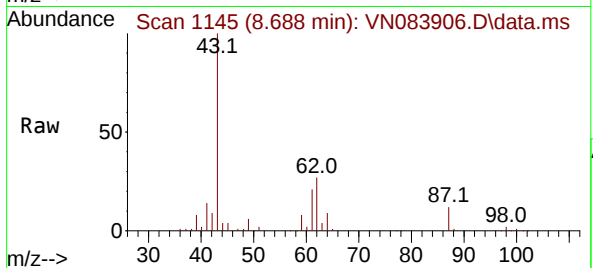
Tgt Ion: 43 Resp: 22908
 Ion Ratio Lower Upper
 43 100
 61 24.9 19.4 29.0
 87 12.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#44

Trichloroethene

Concen: 53.431 ug/l

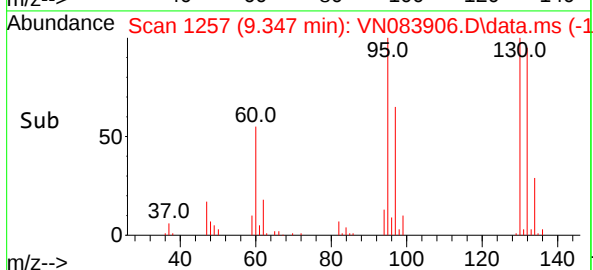
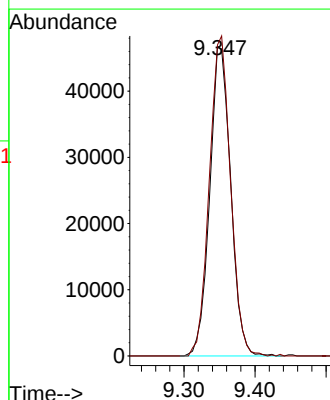
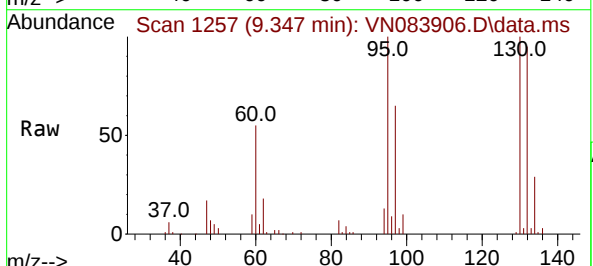
RT: 9.347 min Scan# 1257

Delta R.T. -0.006 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Tgt Ion:130 Resp: 95775
 Ion Ratio Lower Upper
 130 100
 95 100.4 0.0 200.4





#45

1,2-Dichloropropane

Concen: 50.669 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9479

Ion Ratio Lower Upper

63 100

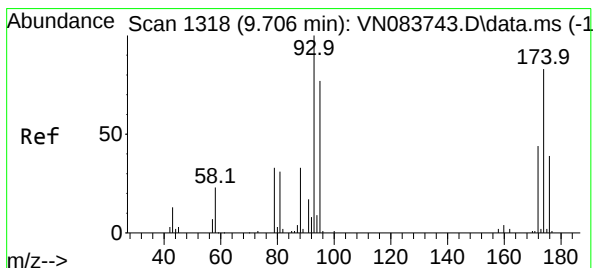
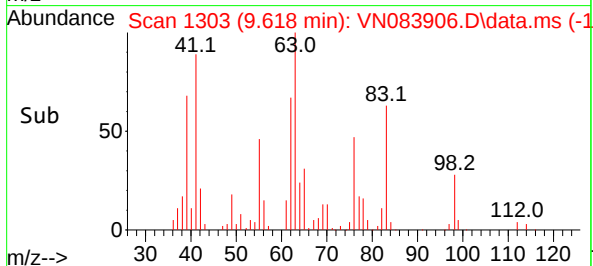
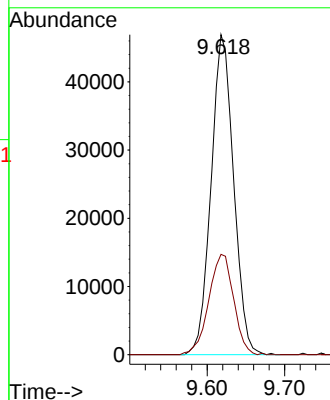
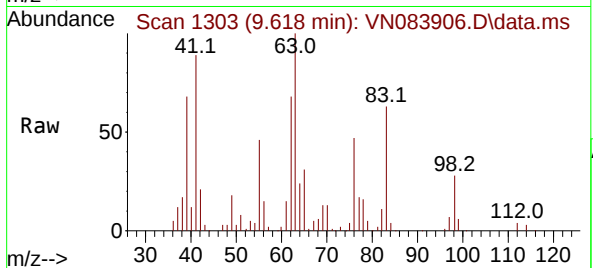
65 31.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#46

Dibromomethane

Concen: 52.839 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

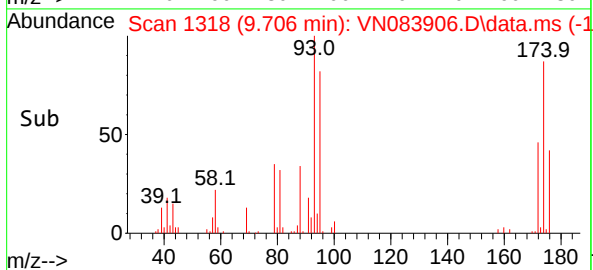
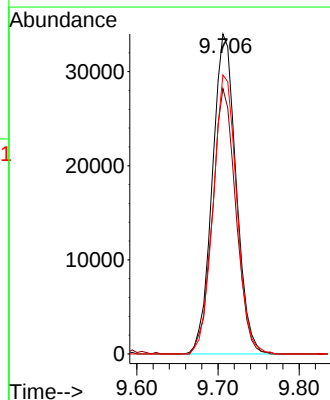
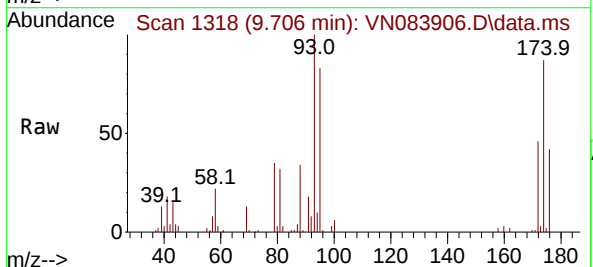
Tgt Ion: 93 Resp: 69240

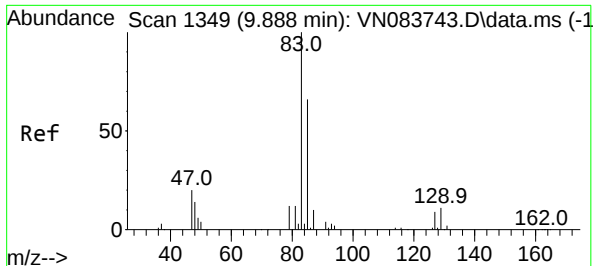
Ion Ratio Lower Upper

93 100

95 81.5 65.3 97.9

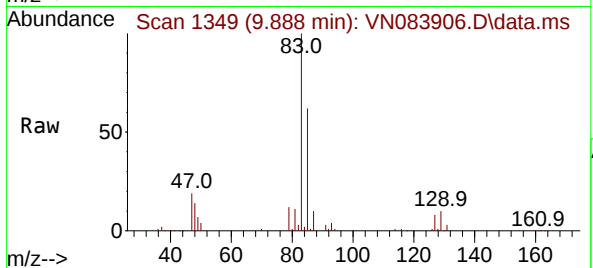
174 86.5 71.0 106.4





#47
Bromodichloromethane
Concen: 53.899 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

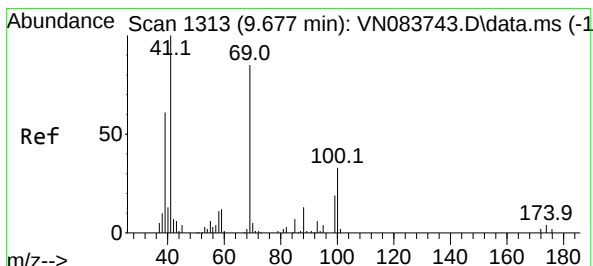
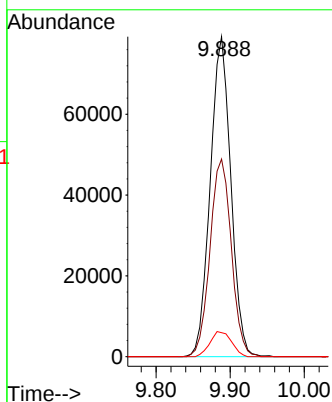
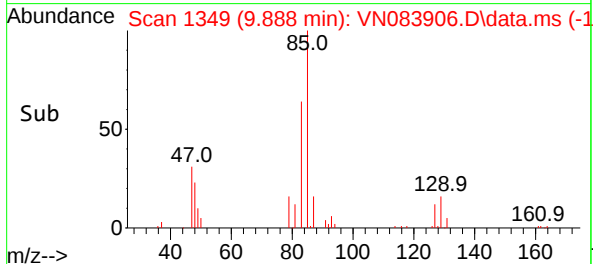
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



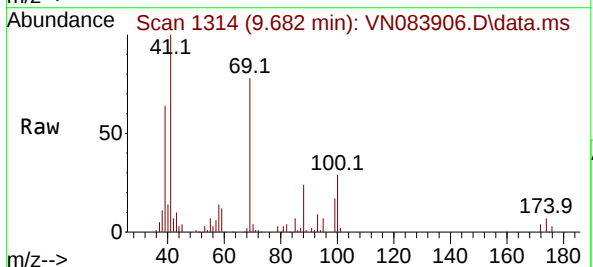
Tgt Ion: 83 Resp: 15285
Ion Ratio Lower Upper
83 100
85 61.8 51.8 77.8
127 7.5 6.6 9.8

Manual Integrations
APPROVED

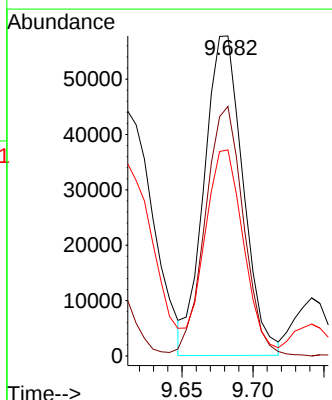
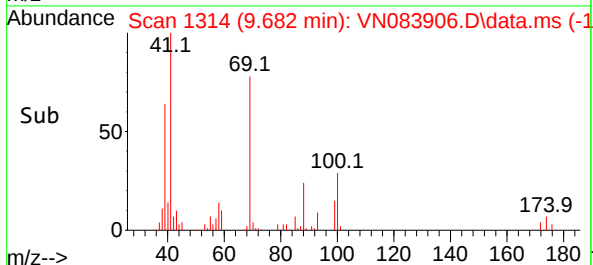
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#48
Methyl methacrylate
Concen: 54.823 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53



Tgt Ion: 41 Resp: 110027
Ion Ratio Lower Upper
41 100
69 76.7 64.3 96.5
39 65.6 48.9 73.3





#49

1,4-Dioxane

Concen: 1077.771 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3558

Ion Ratio Lower Upper

88 100

43 24.2 0.0 0.0

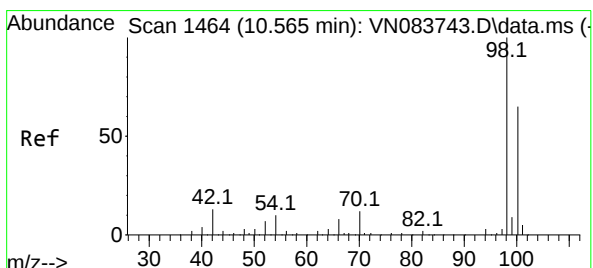
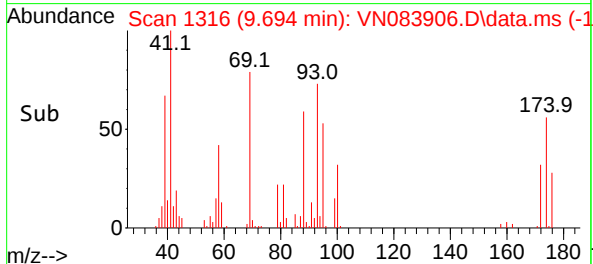
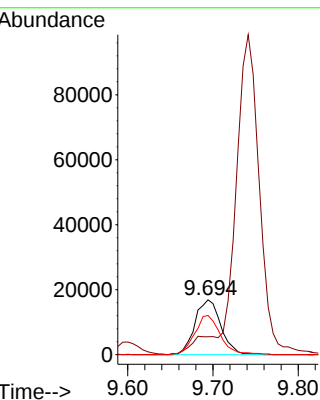
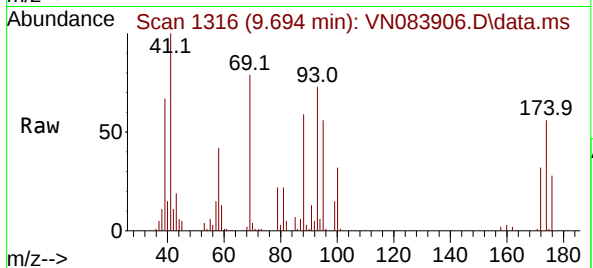
58 71.8 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#50

Toluene-d8

Concen: 53.519 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083906.D

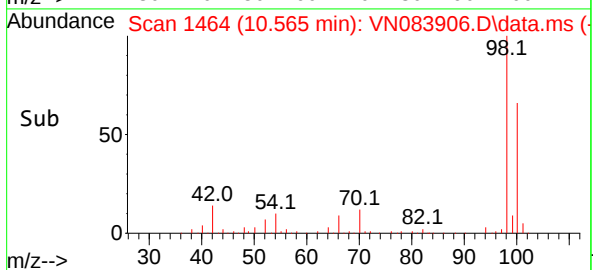
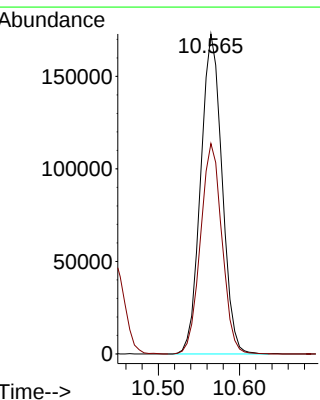
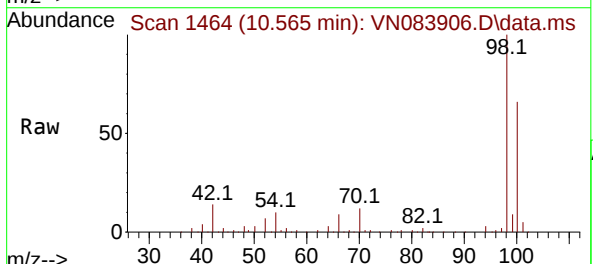
Acq: 16 Sep 2024 08:53

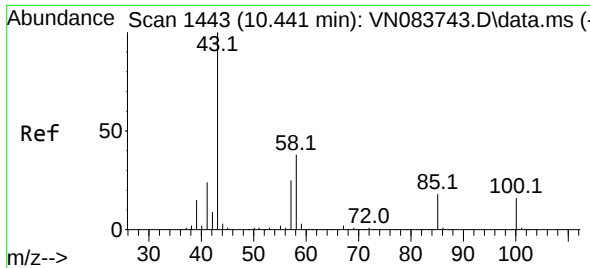
Tgt Ion: 98 Resp: 316123

Ion Ratio Lower Upper

98 100

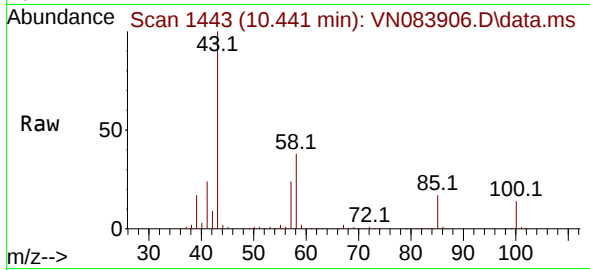
100 66.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 287.128 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

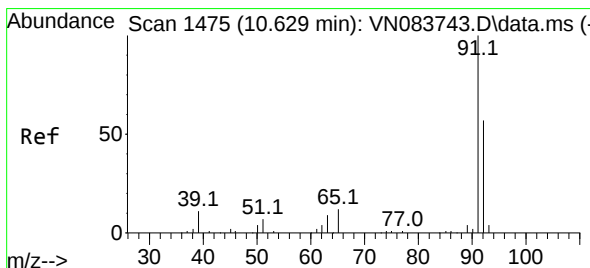
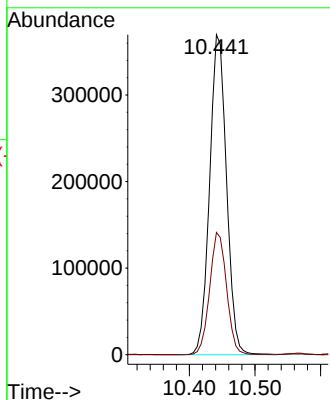
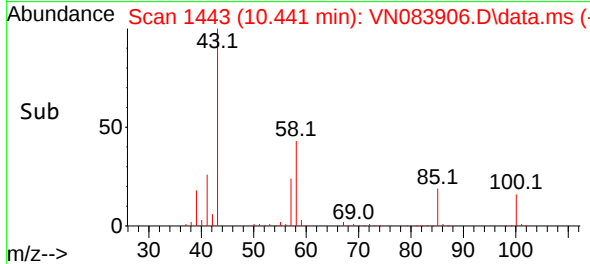
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 66116
Ion Ratio Lower Upper
43 100
58 38.2 31.6 47.4

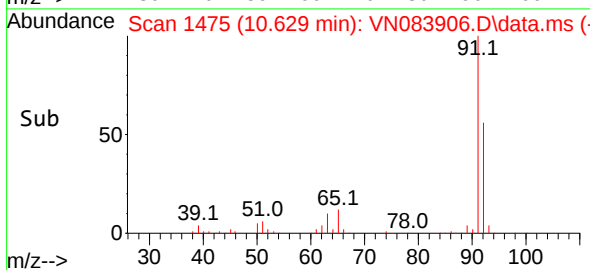
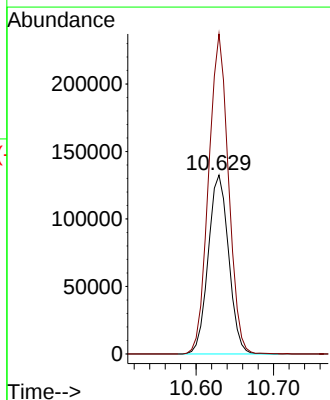
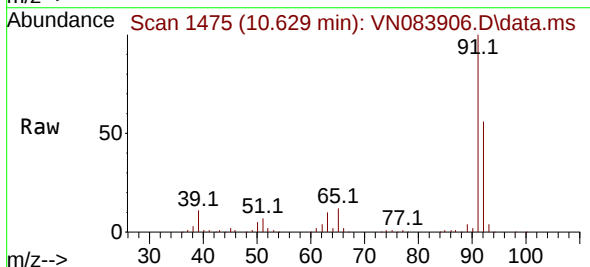
Manual Integrations
APPROVED

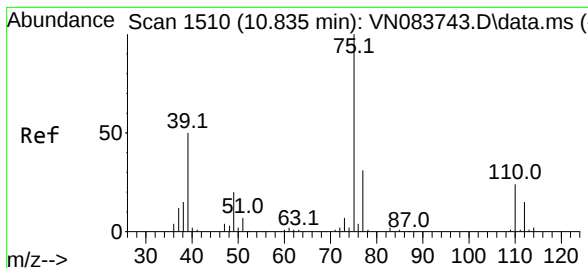
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#52
Toluene
Concen: 51.205 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

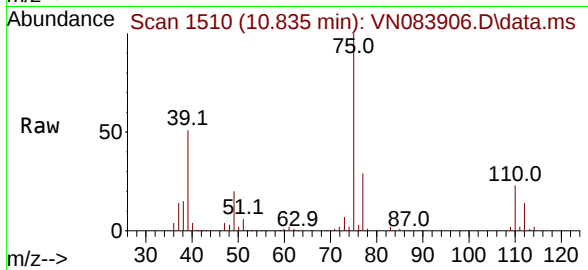
Tgt Ion: 92 Resp: 242436
Ion Ratio Lower Upper
92 100
91 174.5 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 54.547 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

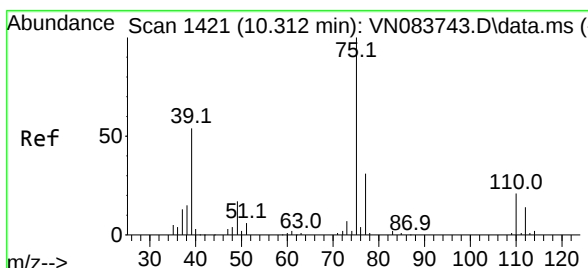
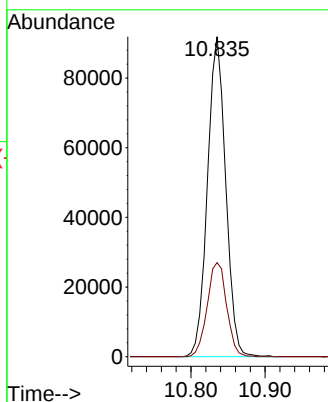
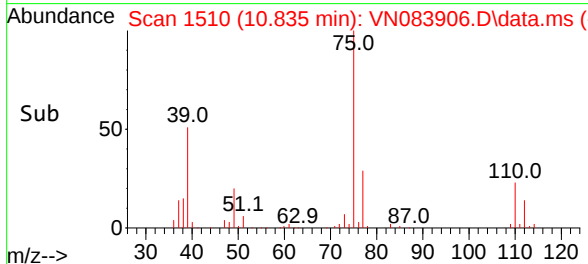
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



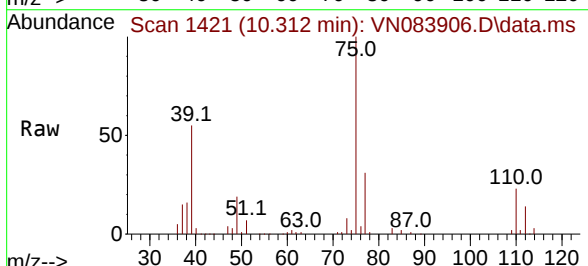
Tgt Ion: 75 Resp: 156799
Ion Ratio Lower Upper
75 100
77 29.4 25.8 38.6

Manual Integrations
APPROVED

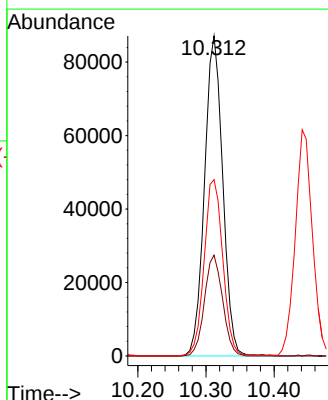
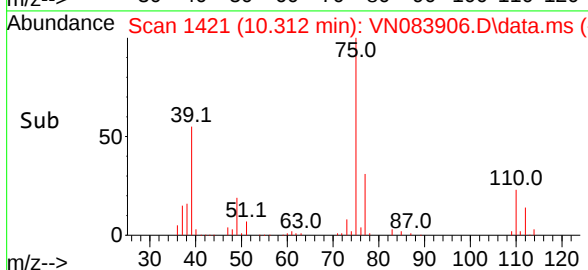
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

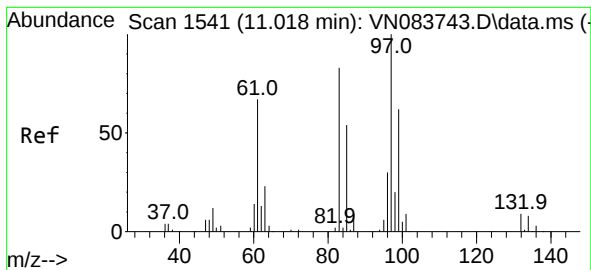


#54
cis-1,3-Dichloropropene
Concen: 53.634 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53



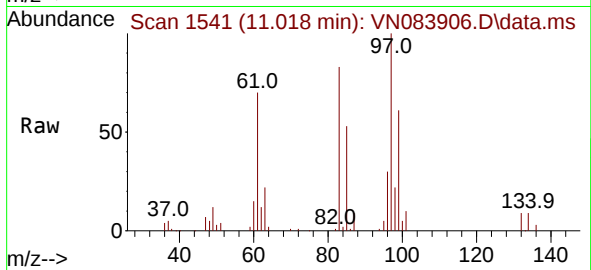
Tgt Ion: 75 Resp: 161950
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6
39 55.1 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 51.332 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

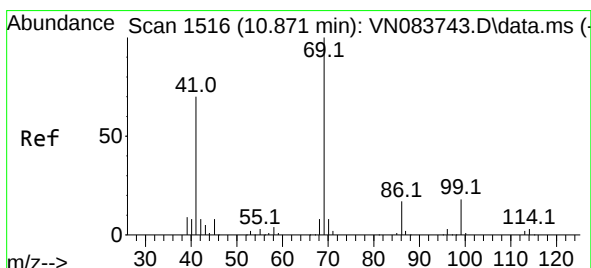
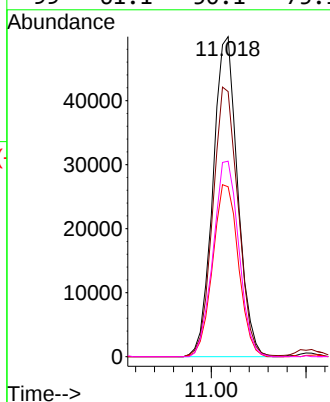
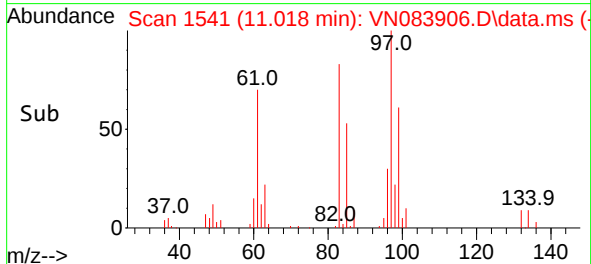
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



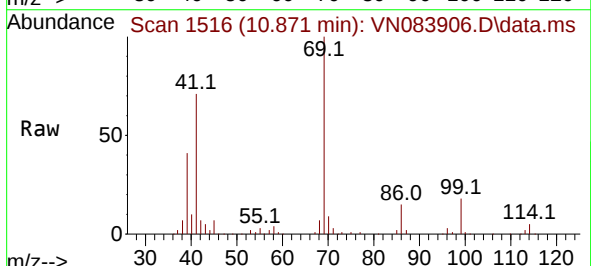
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.5	101.3
85	53.1	44.2	66.2
99	61.1	50.1	75.1

Manual Integrations
APPROVED

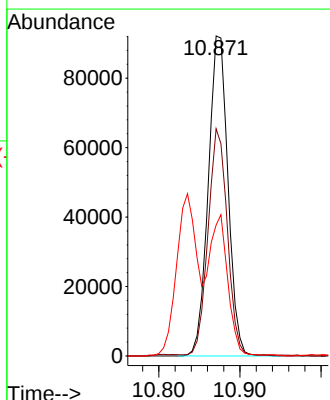
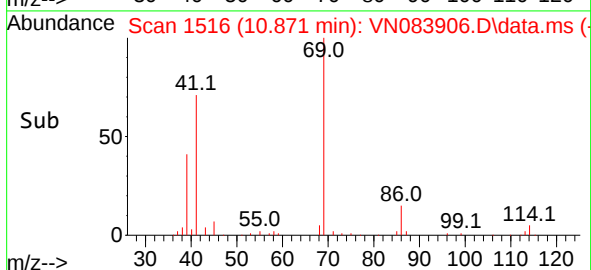
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#56
Ethyl methacrylate
Concen: 57.031 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53



Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.4	53.9	80.9
39	42.3	32.6	48.8





#57

1,3-Dichloropropane

Concen: 52.213 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 158619

Ion Ratio Lower Upper

76 100

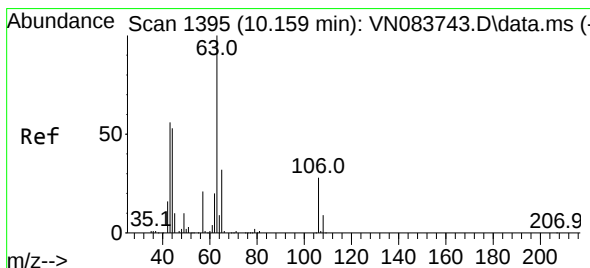
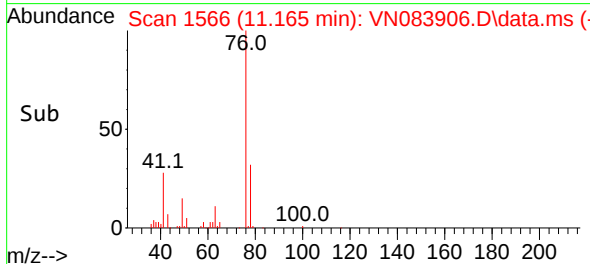
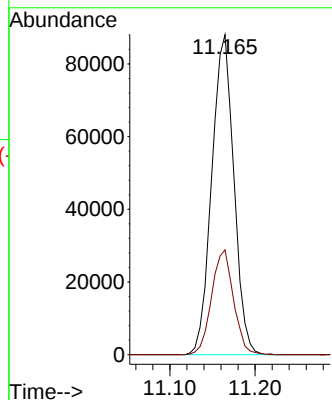
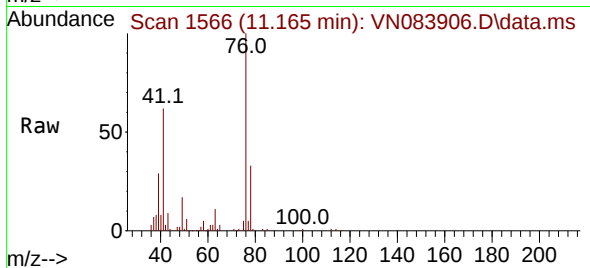
78 32.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#58

2-Chloroethyl Vinyl ether

Concen: 346.893 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN083906.D

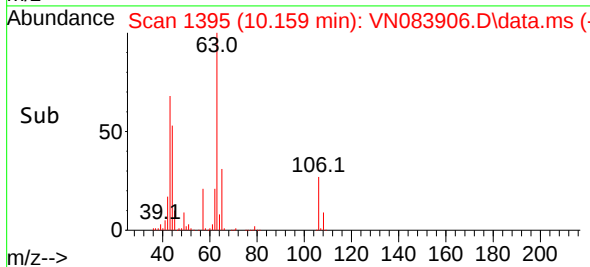
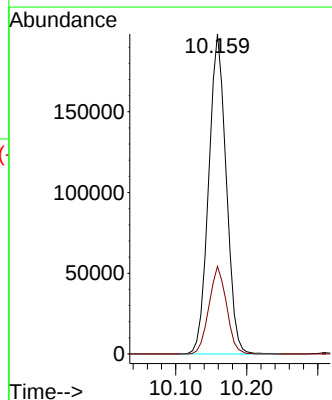
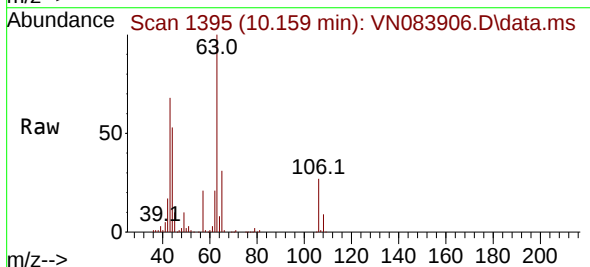
Acq: 16 Sep 2024 08:53

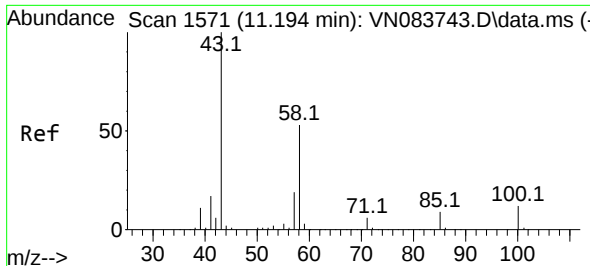
Tgt Ion: 63 Resp: 339918

Ion Ratio Lower Upper

63 100

106 27.3 23.3 34.9





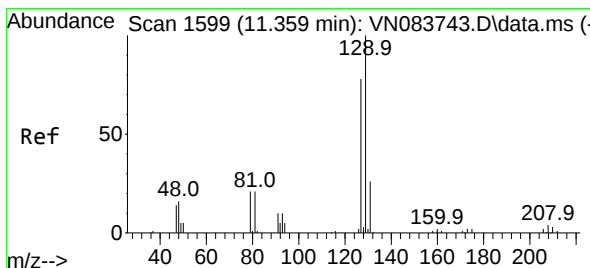
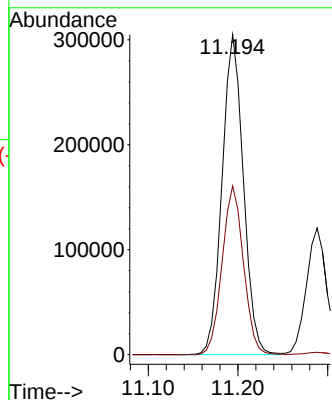
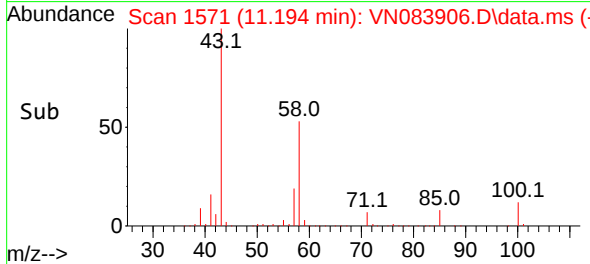
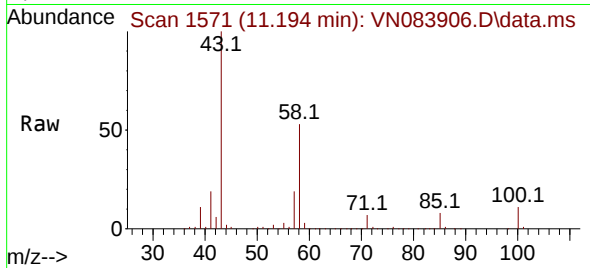
#59
2-Hexanone
Concen: 295.100 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 502650
Ion Ratio Lower Upper
43 100
58 52.8 27.2 81.5

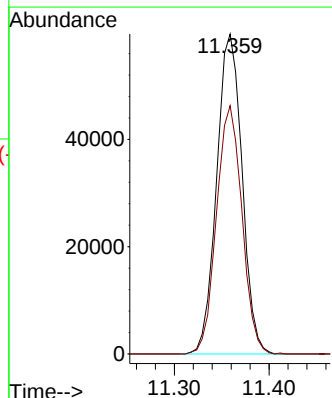
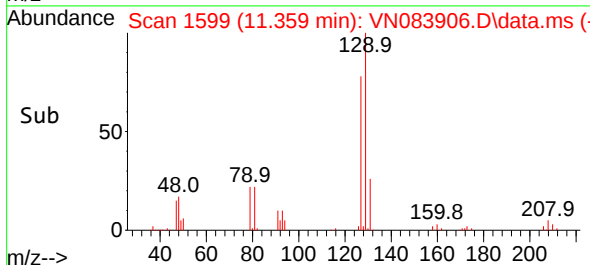
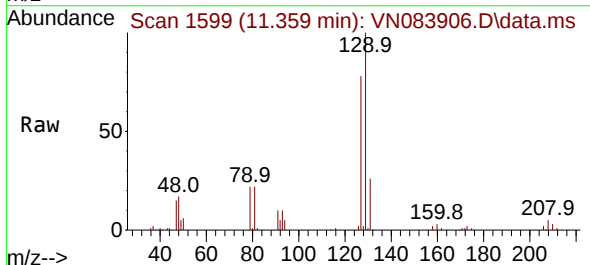
Manual Integrations
APPROVED

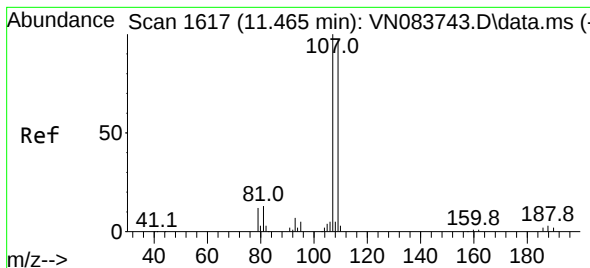
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#60
Dibromochloromethane
Concen: 56.161 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

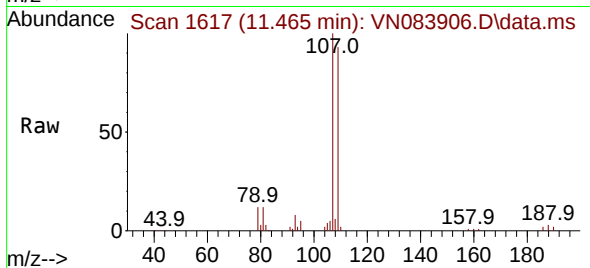
Tgt Ion:129 Resp: 111096
Ion Ratio Lower Upper
129 100
127 77.8 39.0 116.9





#61
1,2-Dibromoethane
Concen: 52.554 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

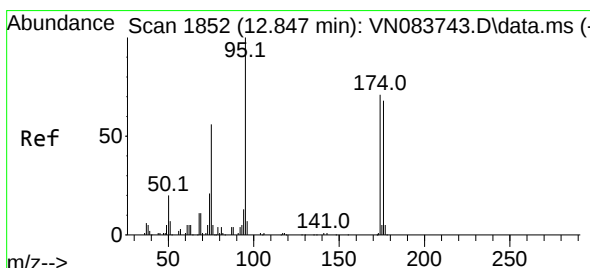
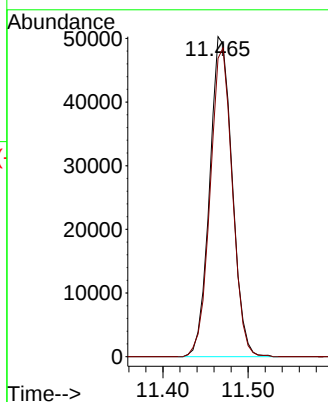
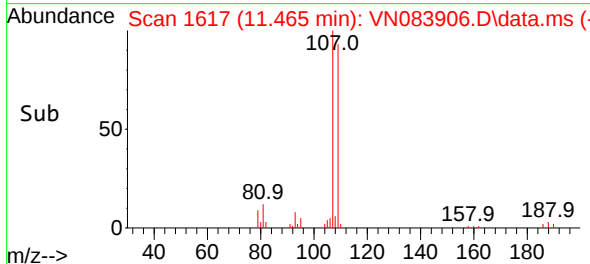
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



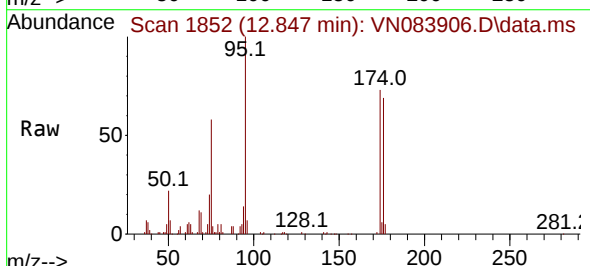
Tgt Ion:107 Resp: 92643
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4

Manual Integrations
APPROVED

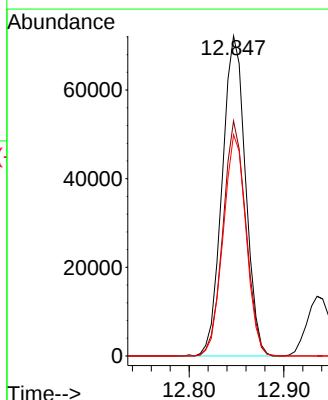
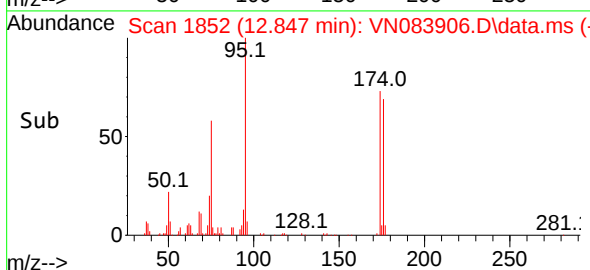
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

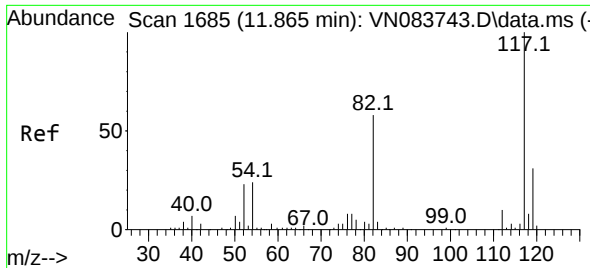


#62
4-Bromofluorobenzene
Concen: 50.657 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53



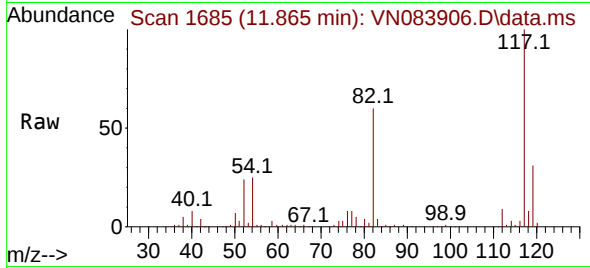
Tgt Ion: 95 Resp: 123450
Ion Ratio Lower Upper
95 100
174 71.9 0.0 139.8
176 68.0 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

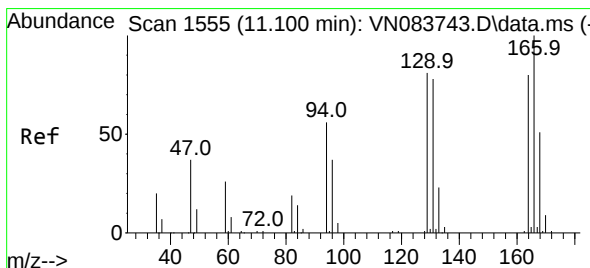
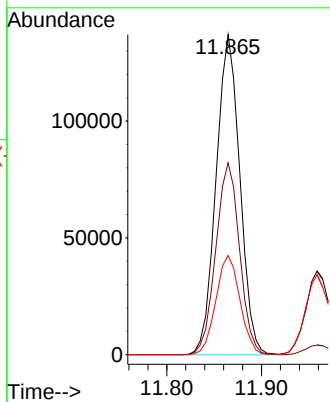
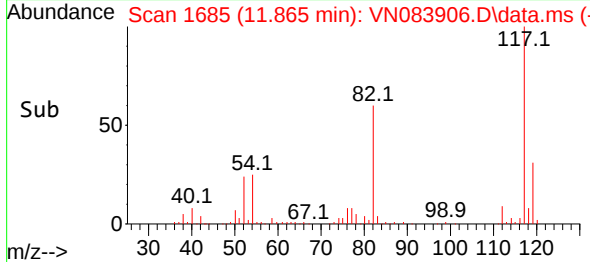
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



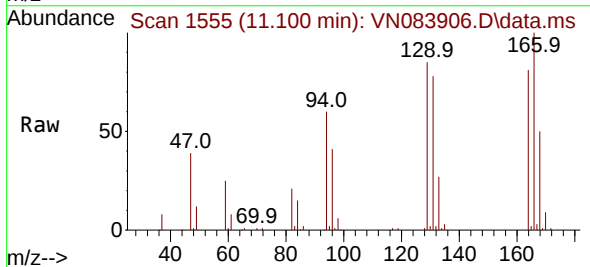
Tgt Ion:117 Resp: 23867
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.0
119 31.0 26.3 39.5

Manual Integrations
APPROVED

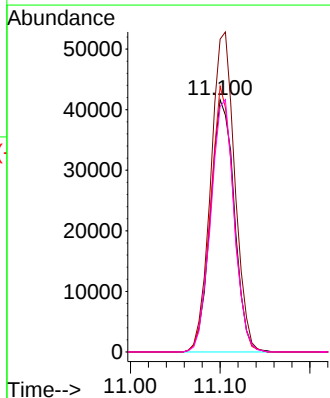
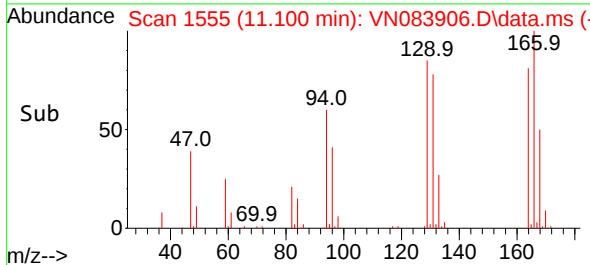
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

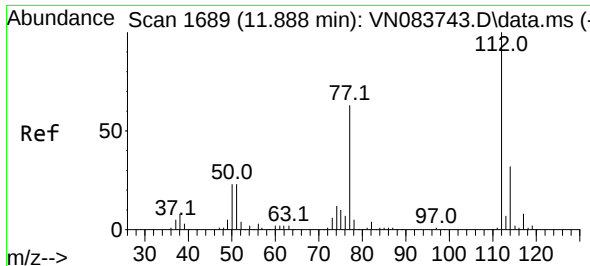


#64
Tetrachloroethene
Concen: 48.404 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53



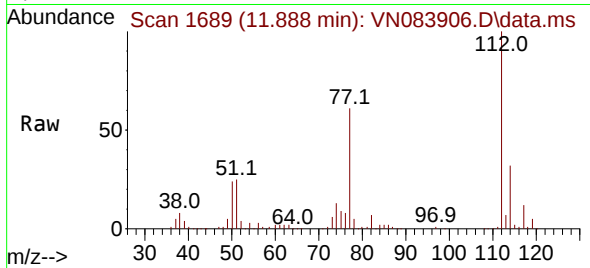
Tgt Ion:164 Resp: 76827
Ion Ratio Lower Upper
164 100
166 124.1 103.7 155.5
129 105.4 79.9 119.9
131 97.4 78.4 117.6





#65
Chlorobenzene
Concen: 48.790 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

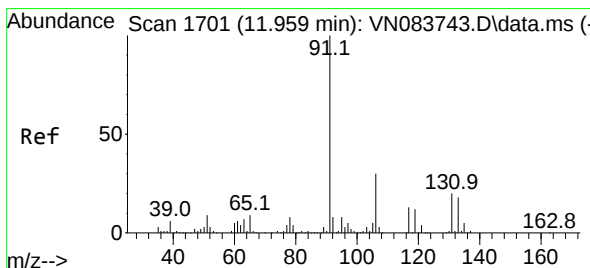
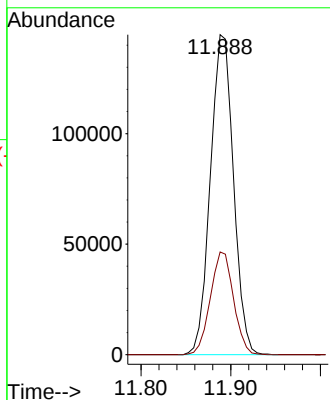
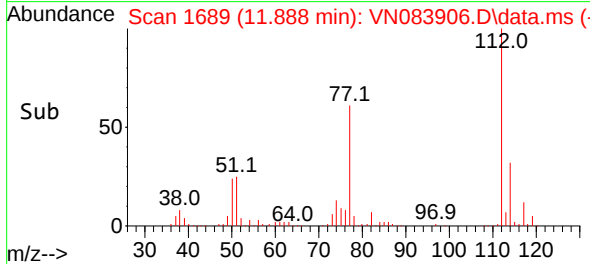
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 25881
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

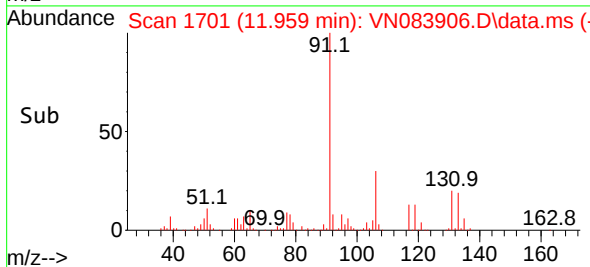
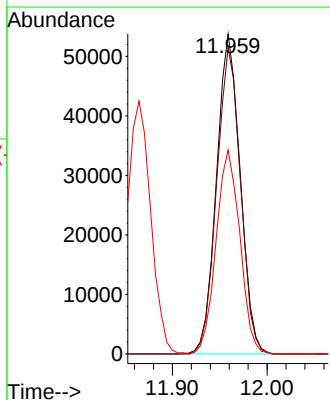
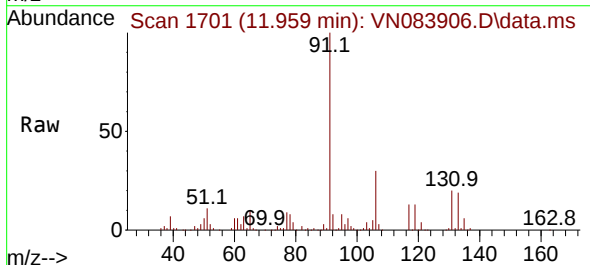
Manual Integrations
APPROVED

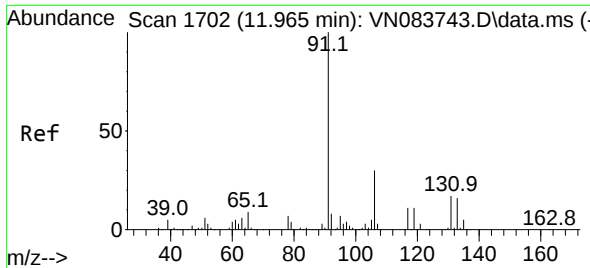
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.910 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

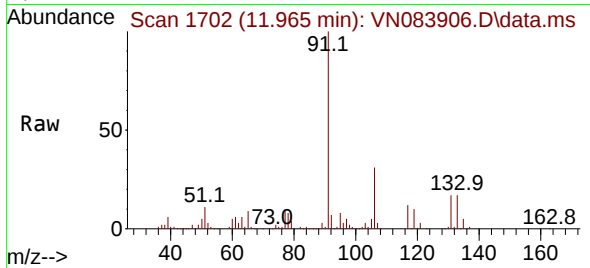
Tgt Ion:131 Resp: 93621
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 63.9 31.6 94.8





#67
Ethyl Benzene
Concen: 50.542 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

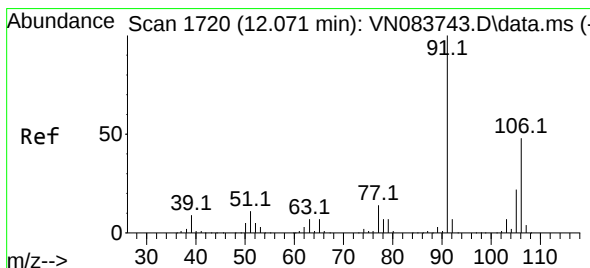
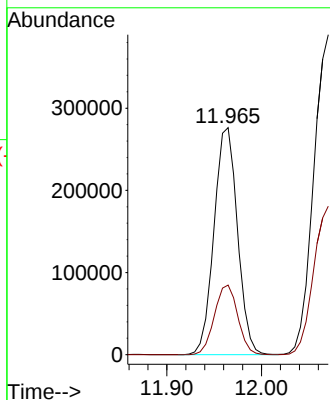
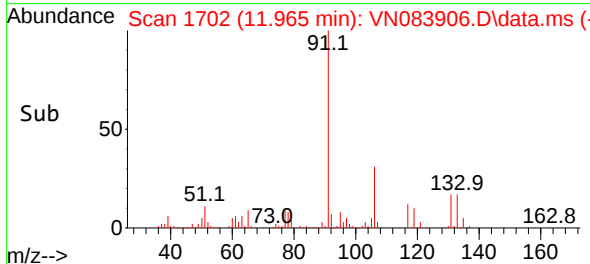
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



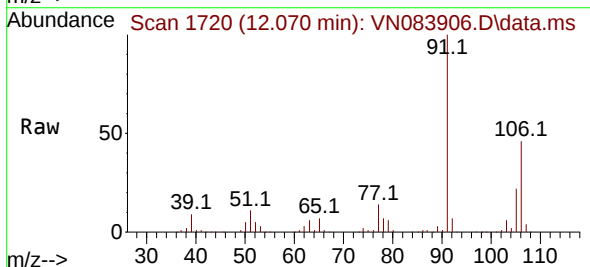
Tgt Ion: 91 Resp: 476269
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5

Manual Integrations
APPROVED

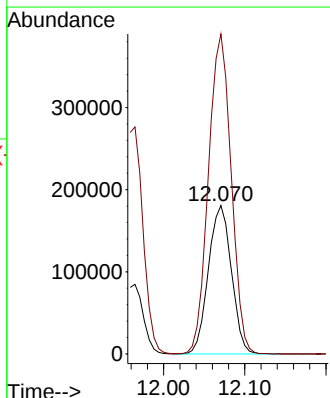
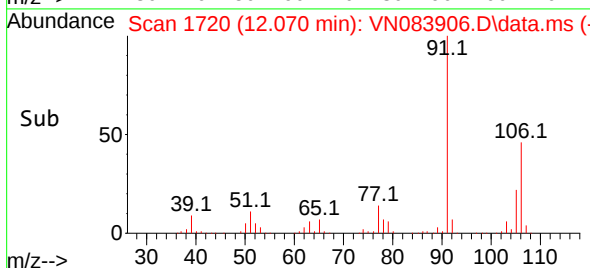
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

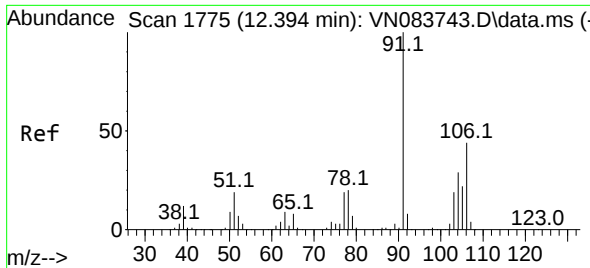


#68
m/p-Xylenes
Concen: 101.764 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53



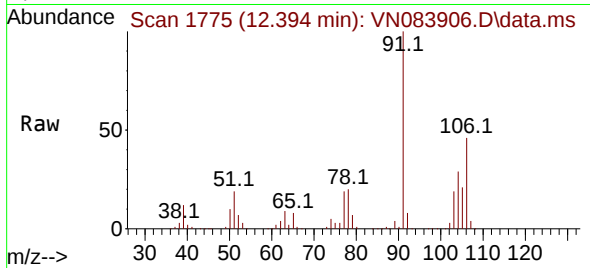
Tgt Ion:106 Resp: 356022
Ion Ratio Lower Upper
106 100
91 213.3 169.2 253.8





#69
o-Xylene
Concen: 51.621 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

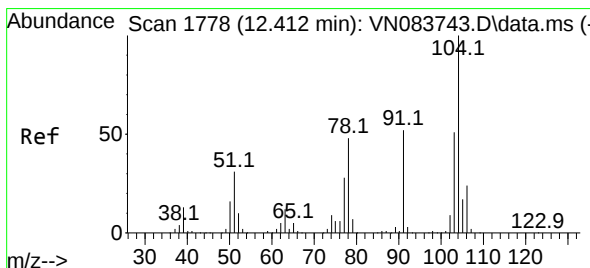
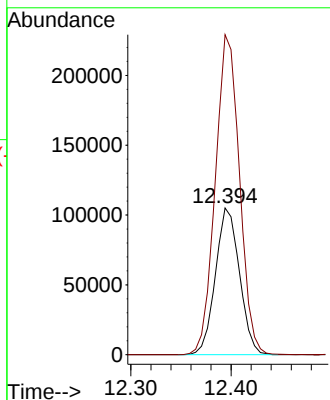
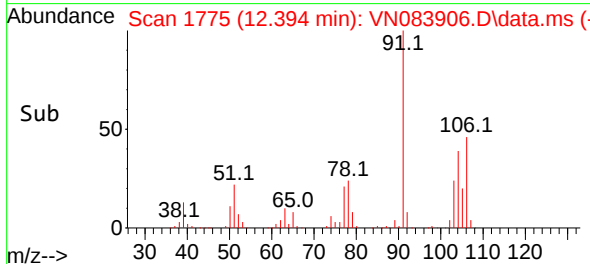
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



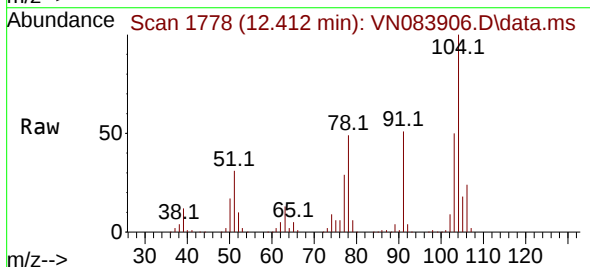
Tgt Ion:106 Resp: 174830
Ion Ratio Lower Upper
106 100
91 220.0 112.9 338.6

Manual Integrations
APPROVED

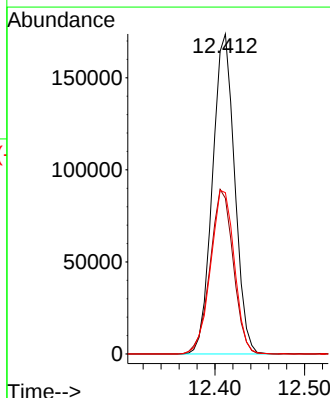
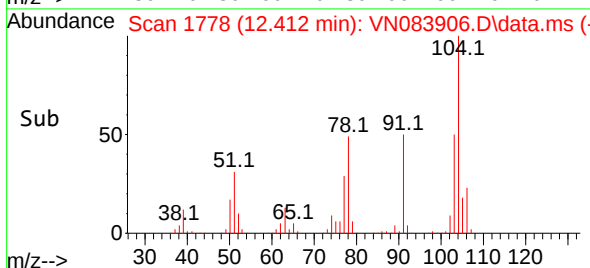
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

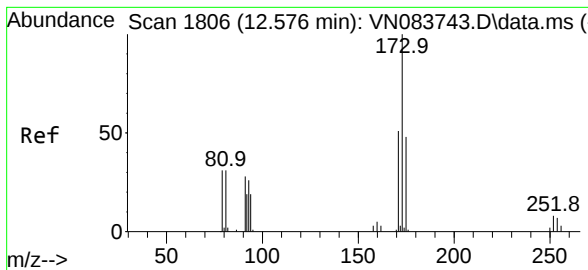


#70
Styrene
Concen: 53.608 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53



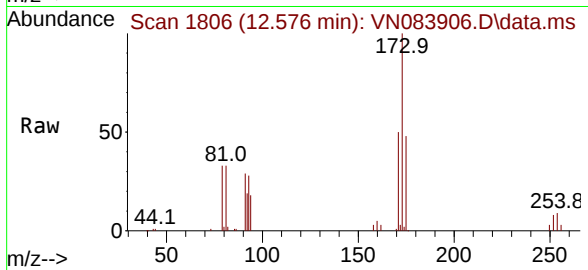
Tgt Ion:104 Resp: 297966
Ion Ratio Lower Upper
104 100
78 54.0 43.3 64.9
103 54.9 43.4 65.2





#71
Bromoform
Concen: 58.707 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

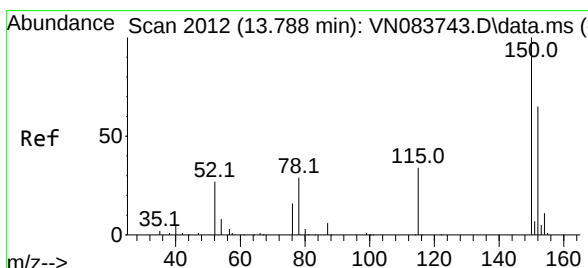
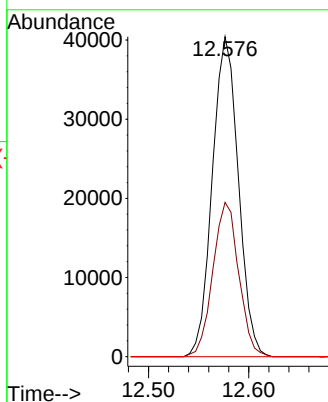
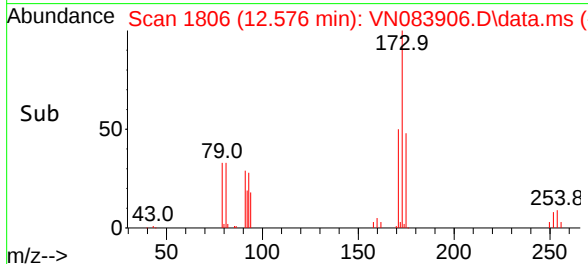
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



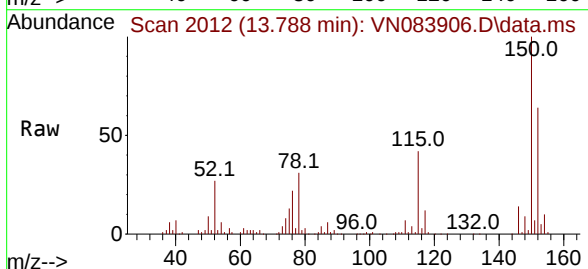
Tgt Ion:173 Resp: 72749
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

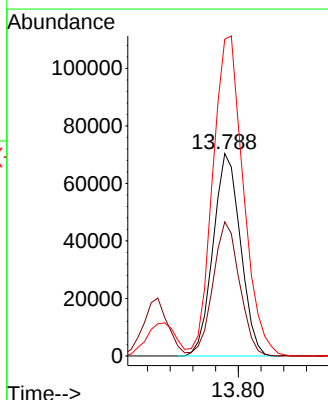
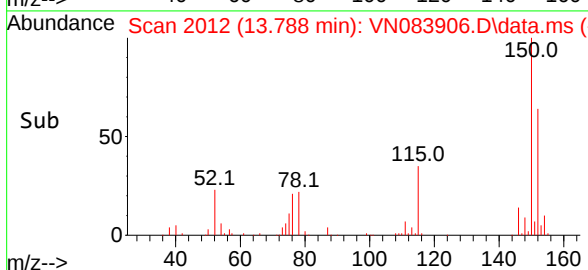
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

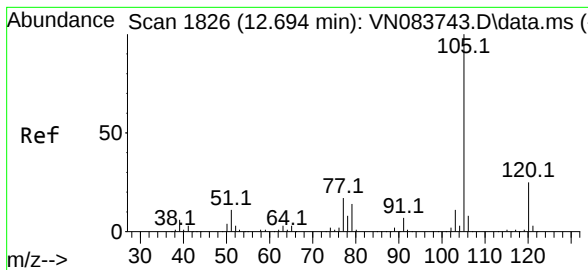


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53



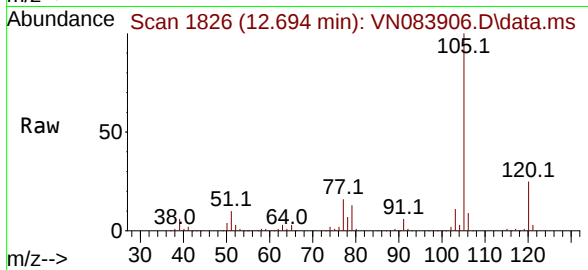
Tgt Ion:152 Resp: 117700
Ion Ratio Lower Upper
152 100
115 64.5 32.2 96.6
150 176.5 0.0 348.6





#73
Isopropylbenzene
Concen: 49.624 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

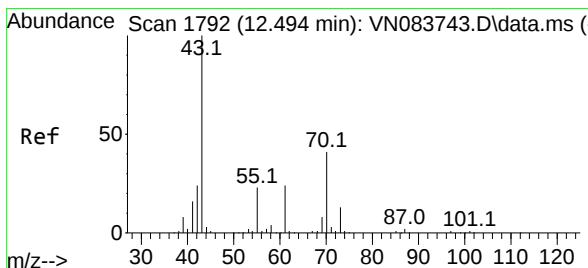
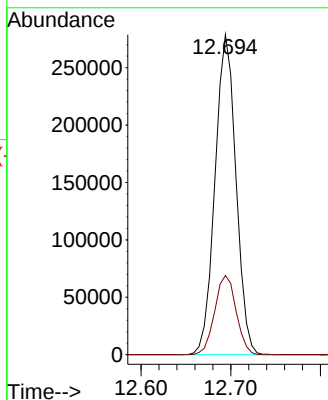
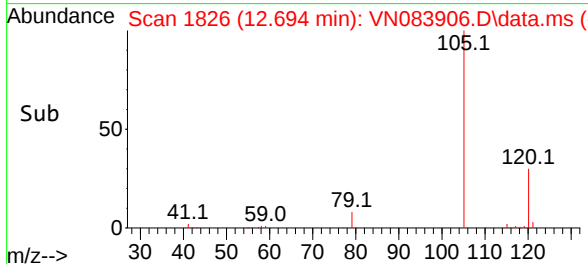
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



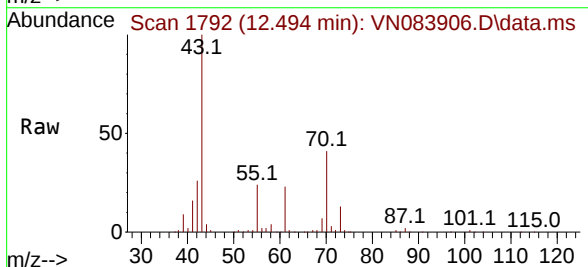
Tgt Ion:105 Resp: 451879
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.8

Manual Integrations
APPROVED

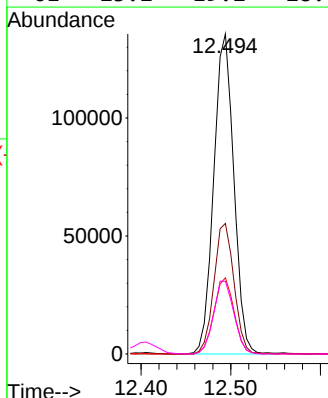
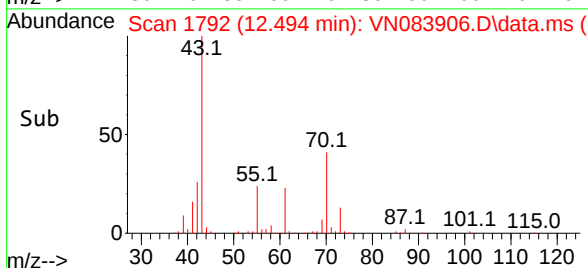
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

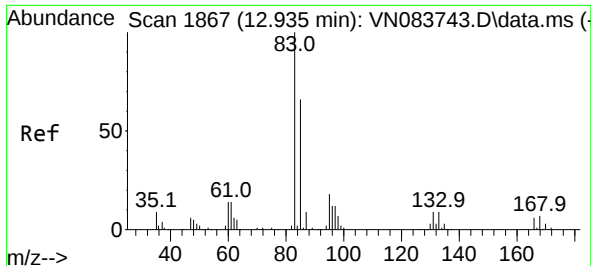


#74
N-ethyl acetate
Concen: 54.250 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53



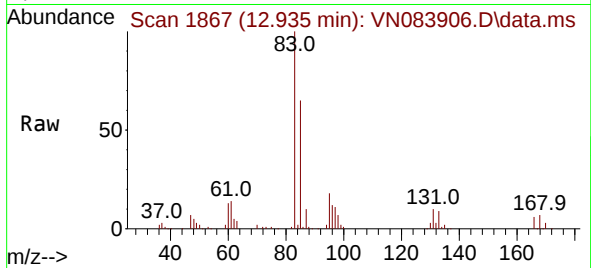
Tgt Ion: 43 Resp: 210770
Ion Ratio Lower Upper
43 100
70 40.8 34.5 51.7
55 23.9 18.6 28.0
61 23.2 19.2 28.8





#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.839 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

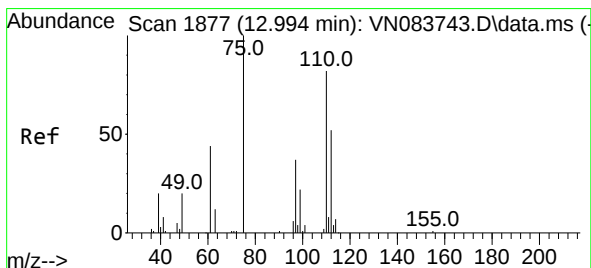
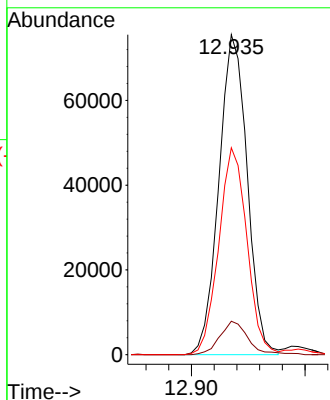
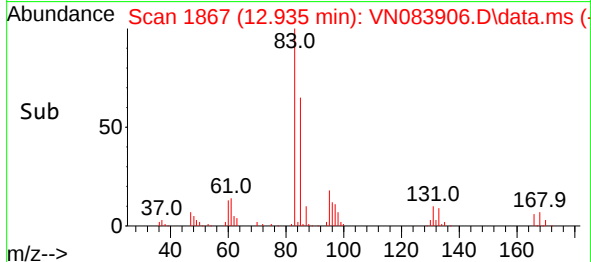
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



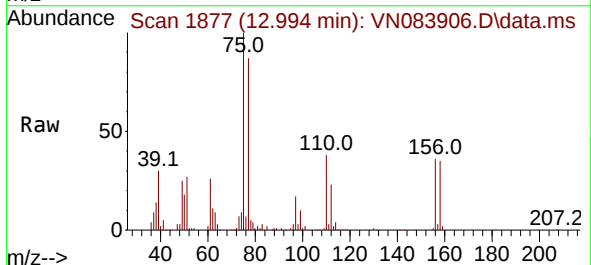
Tgt Ion: 83 Resp: 130669
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.2 15.6
 85 64.3 31.9 95.9

Manual Integrations
 APPROVED

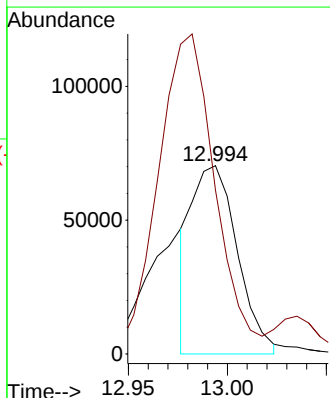
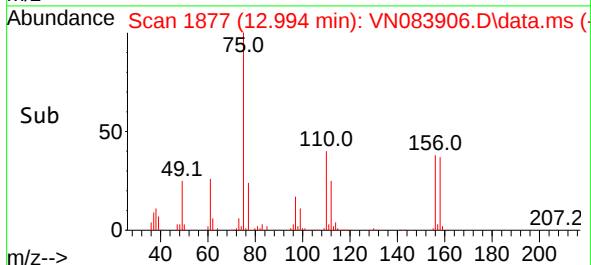
Reviewed By :John Carlone 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

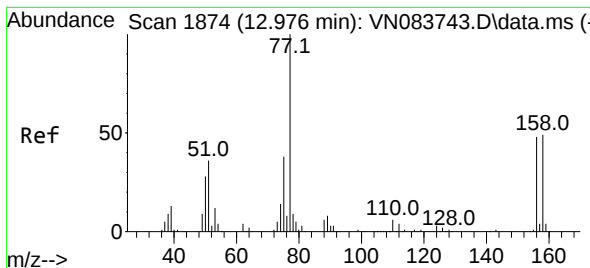


#76
 1,2,3-Trichloropropane
 Concen: 47.452 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53



Tgt Ion: 75 Resp: 112696
 Ion Ratio Lower Upper
 75 100
 77 212.6 95.2 285.6





#77

Bromobenzene

Concen: 47.782 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 104738

Ion Ratio Lower Upper

156 100

77 228.7 114.3 343.1

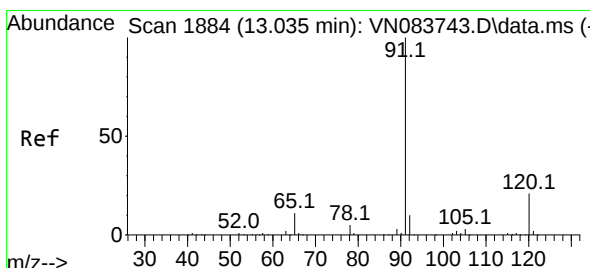
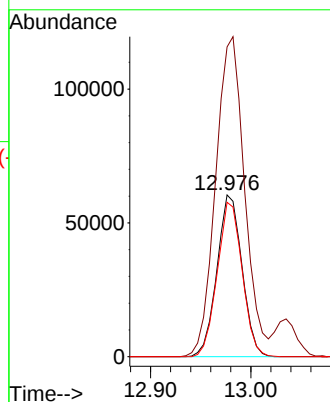
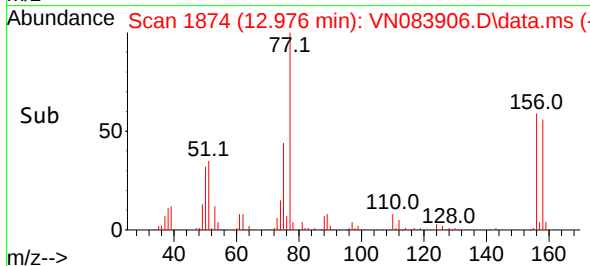
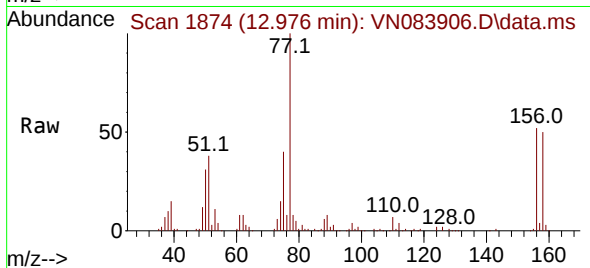
158 94.9 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#78

n-propylbenzene

Concen: 50.972 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN083906.D

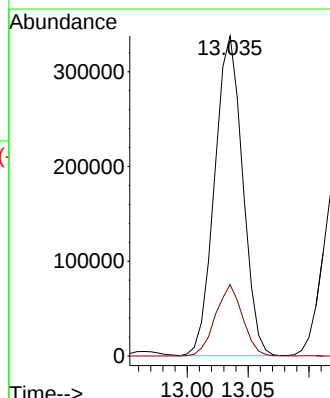
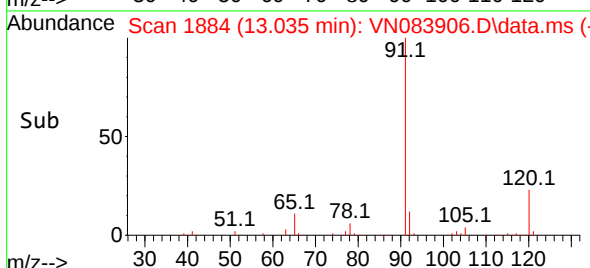
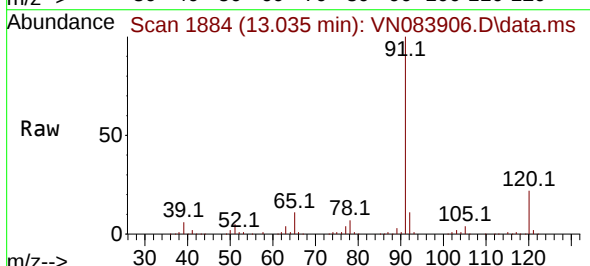
Acq: 16 Sep 2024 08:53

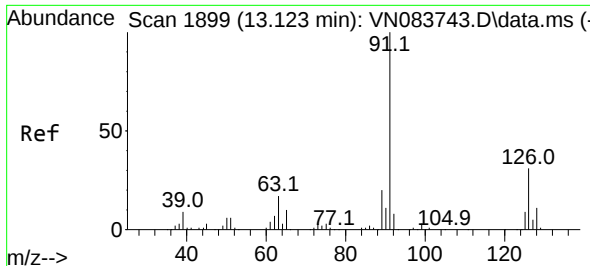
Tgt Ion: 91 Resp: 540044

Ion Ratio Lower Upper

91 100

120 21.6 11.0 33.0





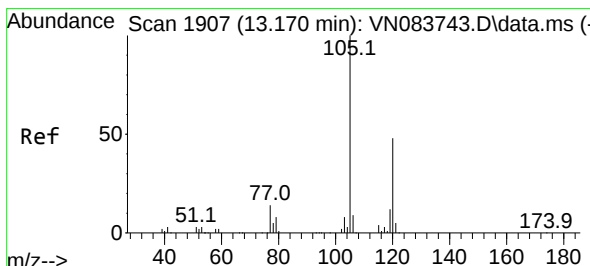
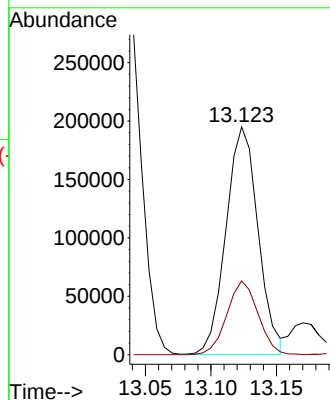
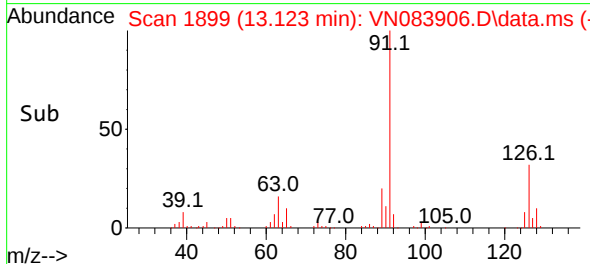
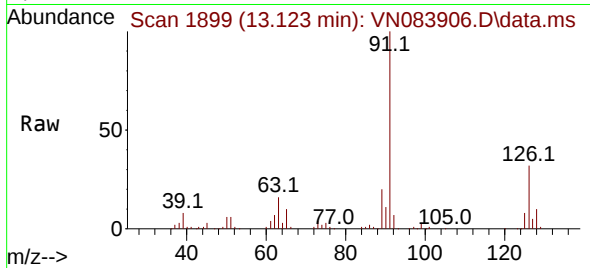
#79
2-Chlorotoluene
Concen: 48.996 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 331064
Ion Ratio Lower Upper
91 100
126 31.5 15.4 46.2

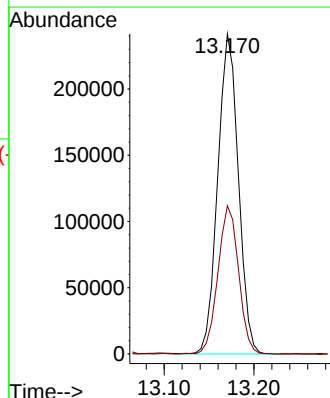
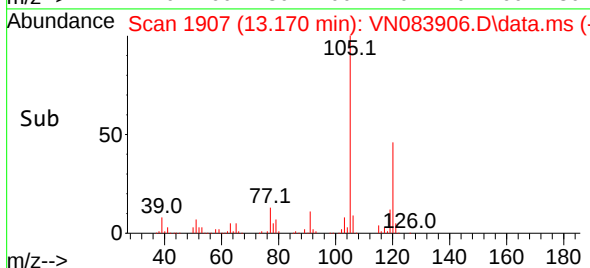
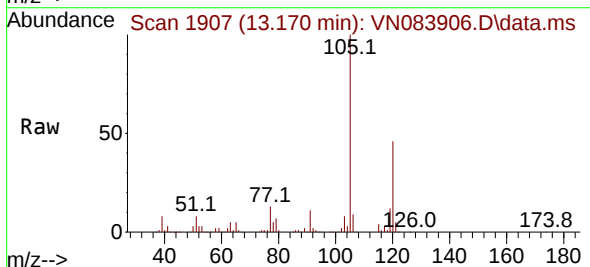
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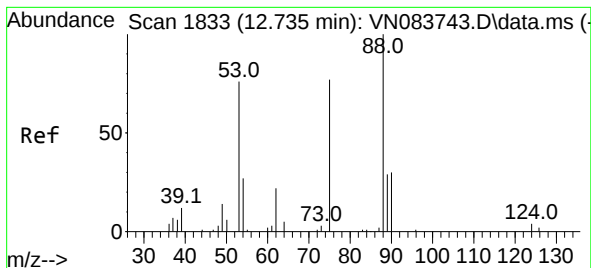
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.220 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

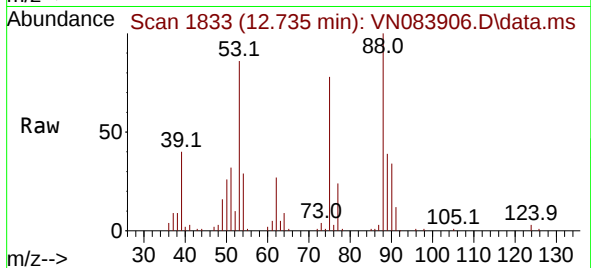
Tgt Ion:105 Resp: 385552
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 54.961 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

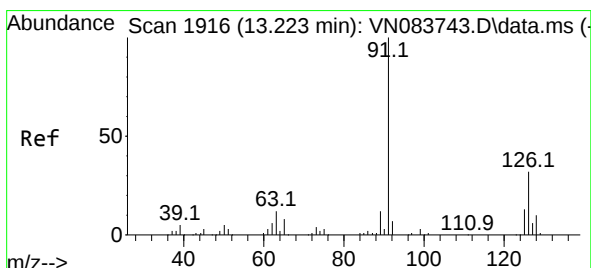
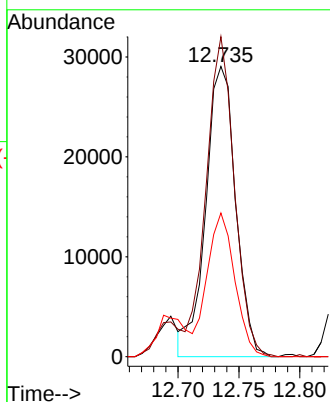
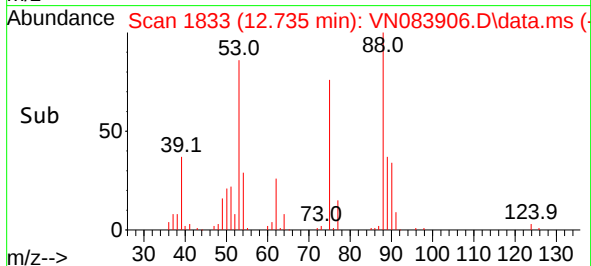
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



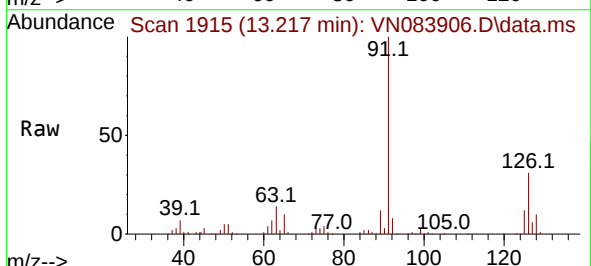
Tgt Ion: 75 Resp: 49838
Ion Ratio Lower Upper
75 100
53 103.3 81.2 121.8
89 45.4 35.7 53.5

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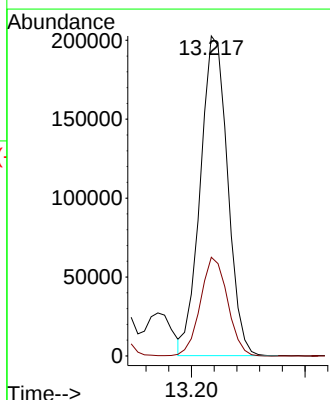
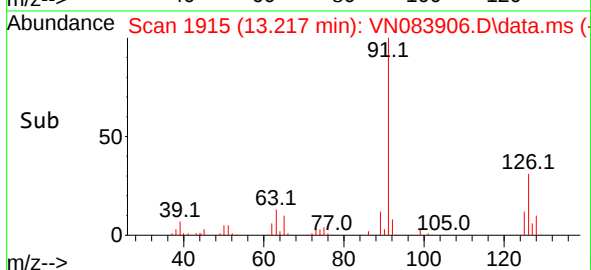
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

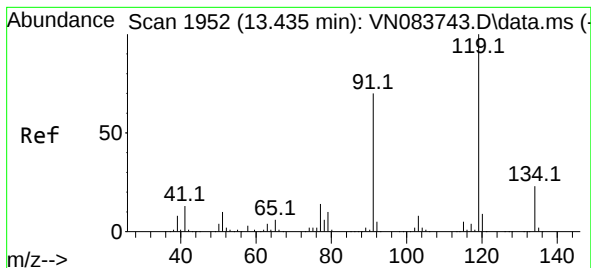


#82
4-Chlorotoluene
Concen: 49.840 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53



Tgt Ion: 91 Resp: 337948
Ion Ratio Lower Upper
91 100
126 30.7 15.4 46.2





#83

tert-Butylbenzene

Concen: 49.056 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 32949

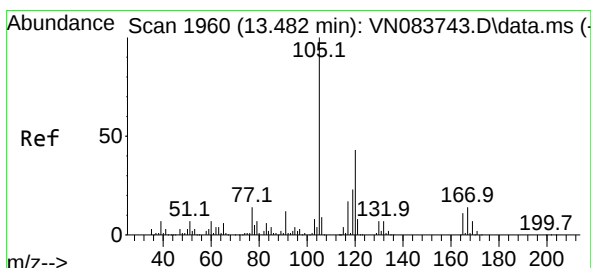
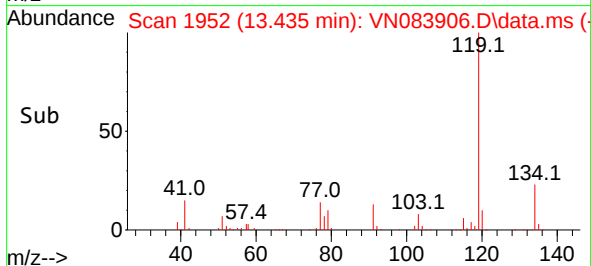
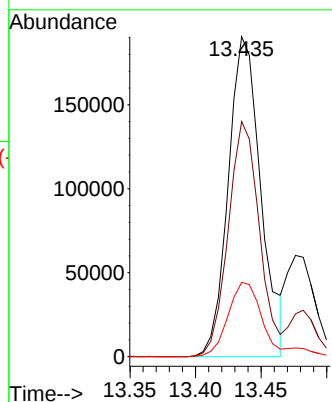
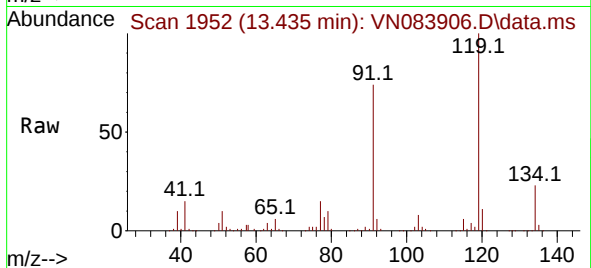
Ion	Ratio	Lower	Upper
119	100		
91	70.3	34.5	103.6
134	25.7	12.8	38.4

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#84

1,2,4-Trimethylbenzene

Concen: 50.603 ug/l

RT: 13.482 min Scan# 1960

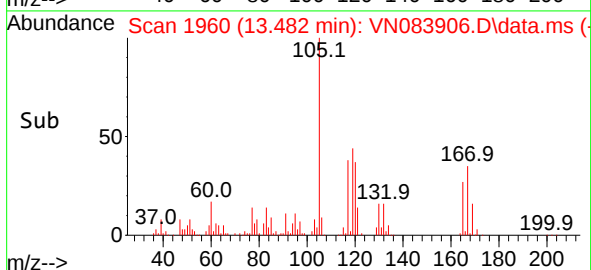
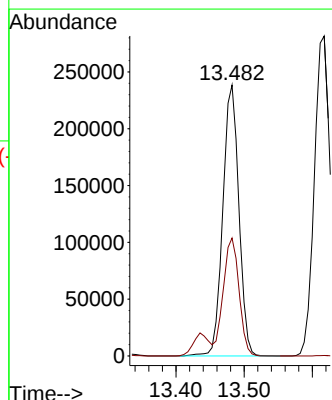
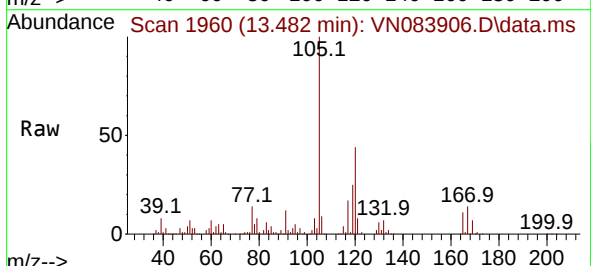
Delta R.T. -0.000 min

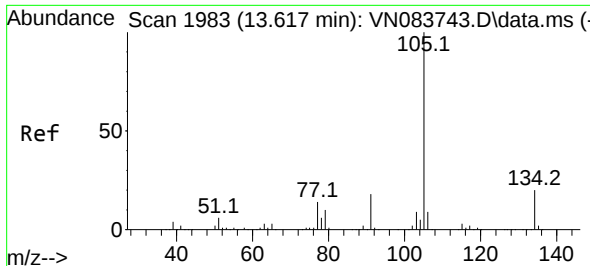
Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Tgt Ion:105 Resp: 390240

Ion	Ratio	Lower	Upper
105	100		
120	43.0	21.8	65.4





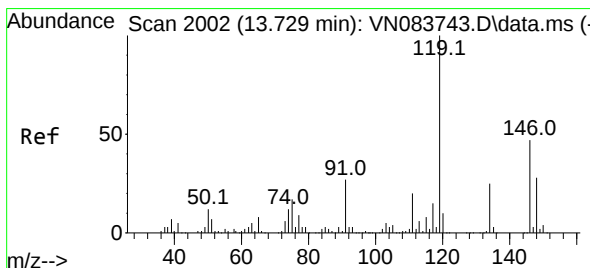
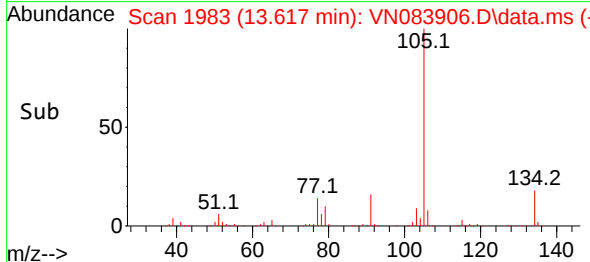
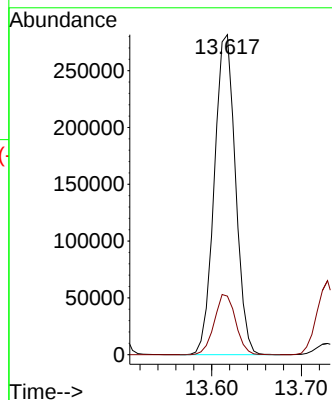
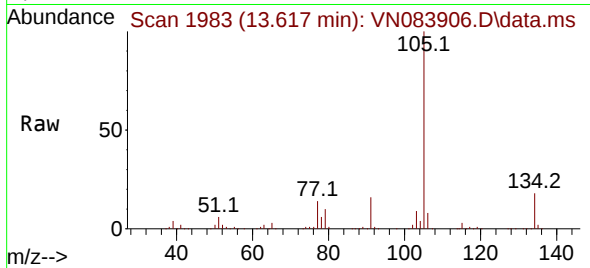
#85
 sec-Butylbenzene
 Concen: 51.742 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 460914
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 29.1

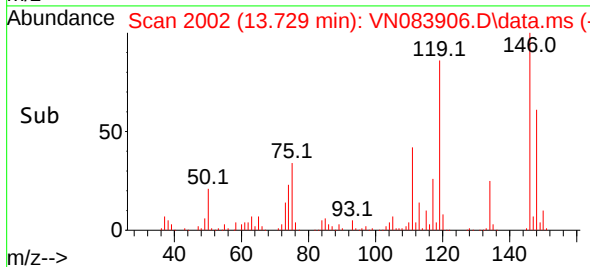
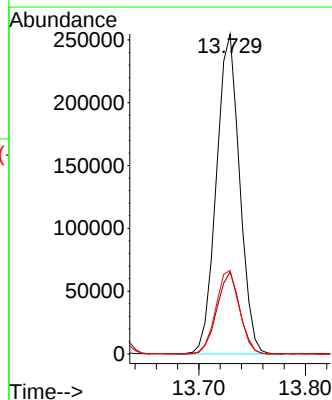
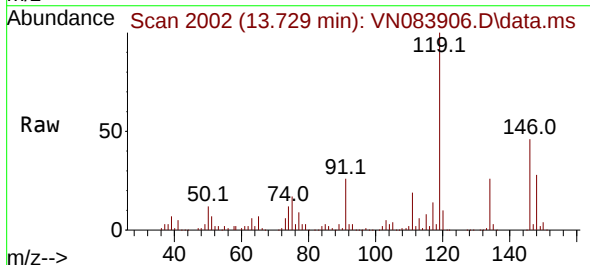
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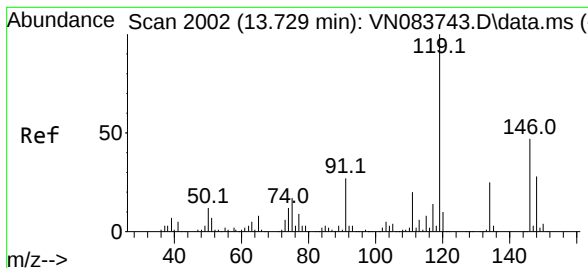
Reviewed By :John Carlone 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#86
 p-Isopropyltoluene
 Concen: 51.638 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

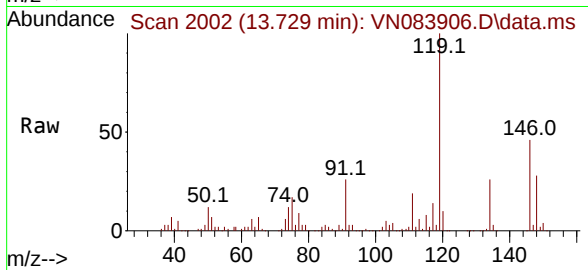
Tgt Ion:119 Resp: 385591
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 26.4 12.9 38.7





#87
 1,3-Dichlorobenzene
 Concen: 48.270 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

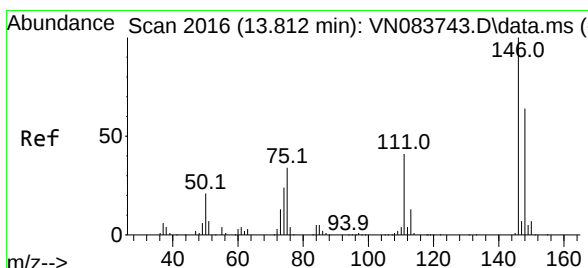
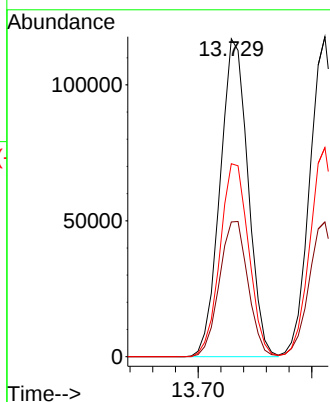
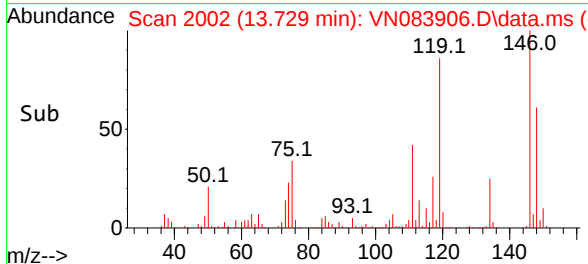
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



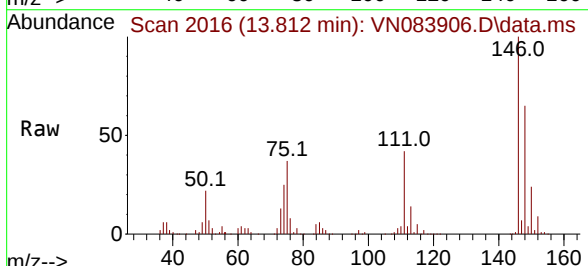
Tgt Ion:146 Resp: 199678
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.7 65.1
 148 62.4 31.7 95.1

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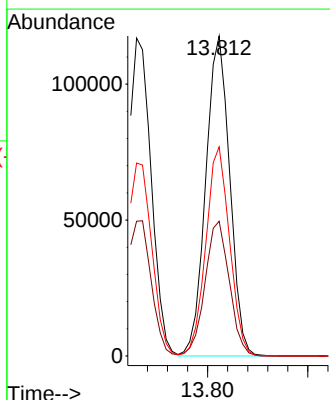
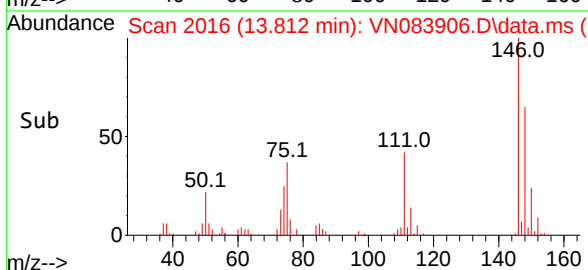
Reviewed By :John Carlone 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

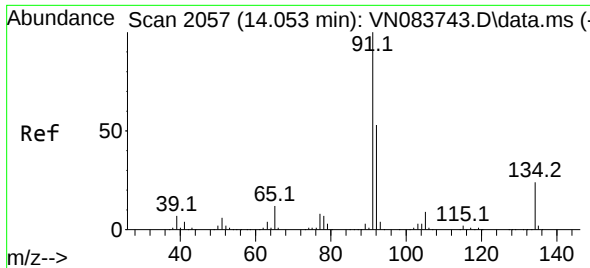


#88
 1,4-Dichlorobenzene
 Concen: 46.736 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53



Tgt Ion:146 Resp: 195762
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 64.0
 148 64.7 32.0 96.2





#89
n-Butylbenzene
Concen: 51.918 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

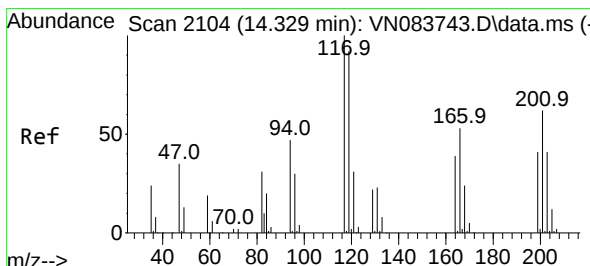
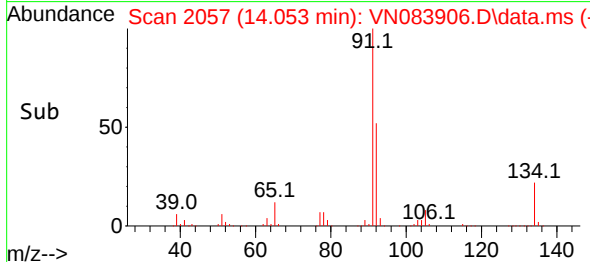
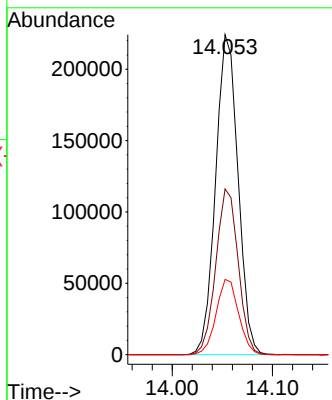
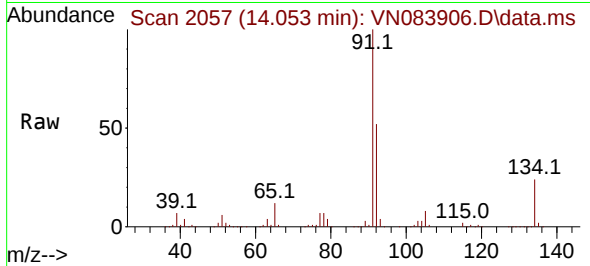
Tgt Ion: 91 Resp: 348078
Ion Ratio Lower Upper
91 100
92 51.7 26.7 80.1
134 23.7 12.2 36.4

Manual Integrations

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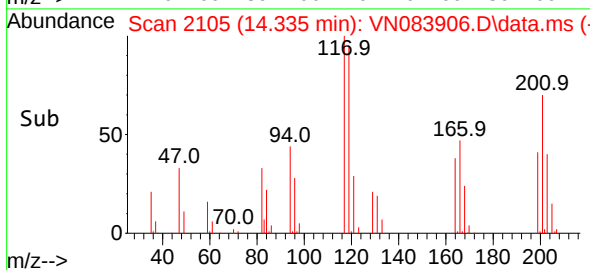
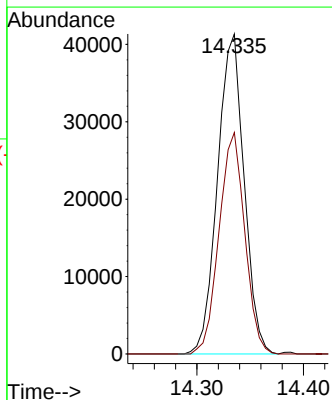
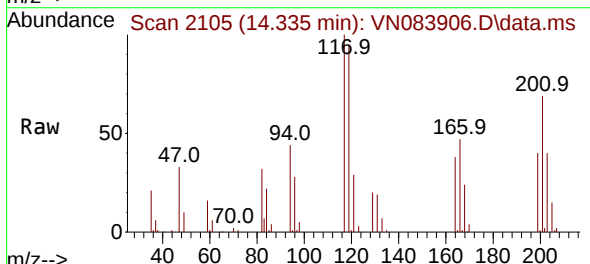
Reviewed By :John Carlone 09/17/2024

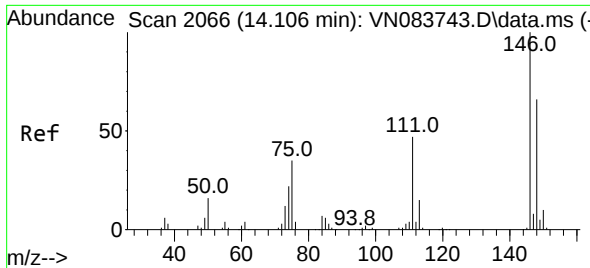
Supervised By :Mahesh Dadoda 09/17/2024



#90
Hexachloroethane
Concen: 47.671 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

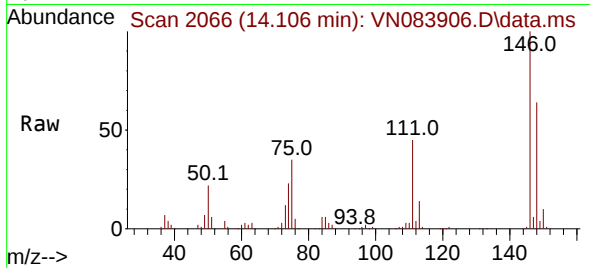
Tgt Ion:117 Resp: 71556
Ion Ratio Lower Upper
117 100
201 67.0 32.8 98.3





#91
1,2-Dichlorobenzene
Concen: 47.861 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

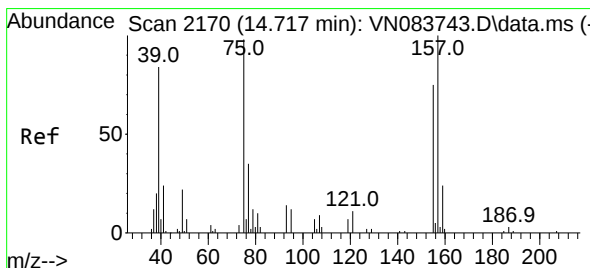
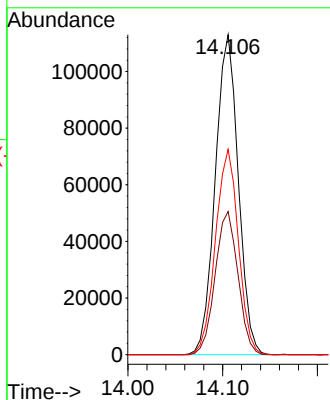
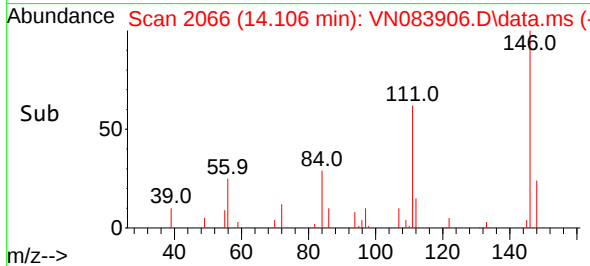
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



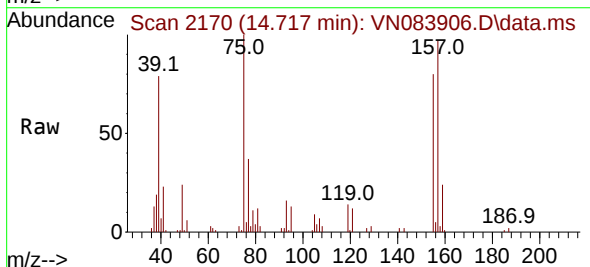
Tgt Ion:146 Resp: 191070
Ion Ratio Lower Upper
146 100
111 44.3 22.8 68.3
148 63.9 32.1 96.5

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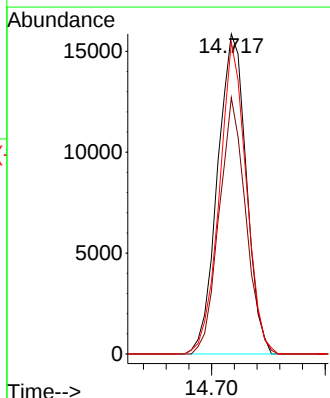
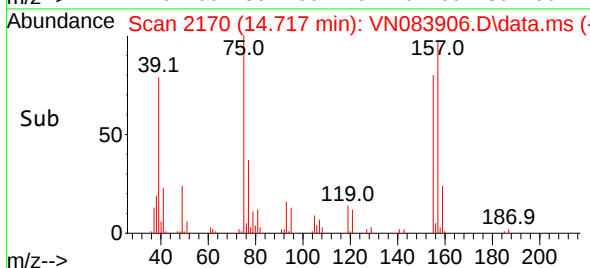
Reviewed By :John Carlone 09/17/2024
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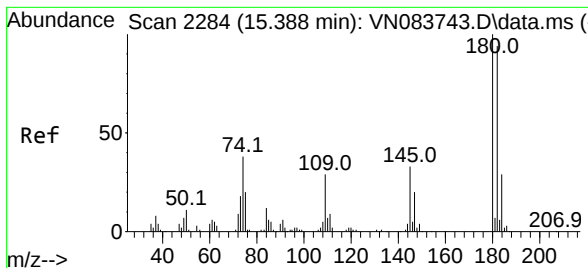


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.216 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53



Tgt Ion: 75 Resp: 27849
Ion Ratio Lower Upper
75 100
155 74.3 35.9 107.7
157 91.0 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 46.727 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

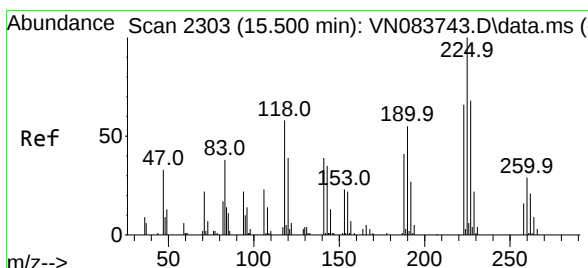
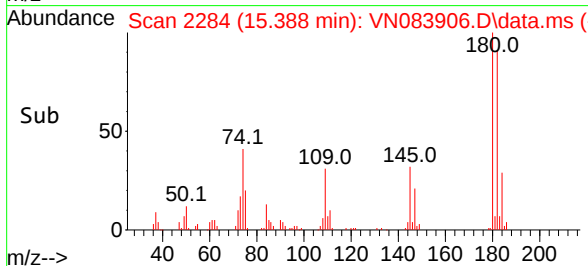
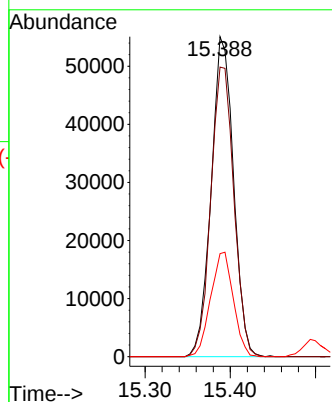
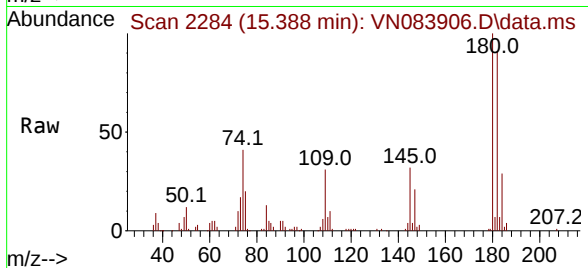
Tgt Ion:180	Resp: 10010
Ion Ratio	Lower Upper
180	100
182	93.4 48.1 144.3
145	33.2 16.9 50.7

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 47.935 ug/l

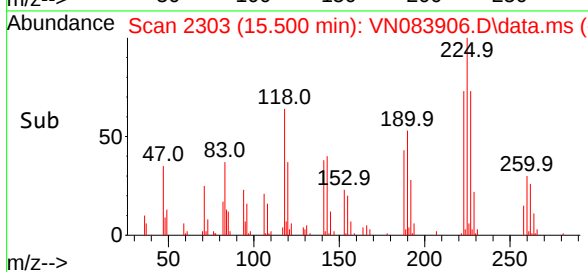
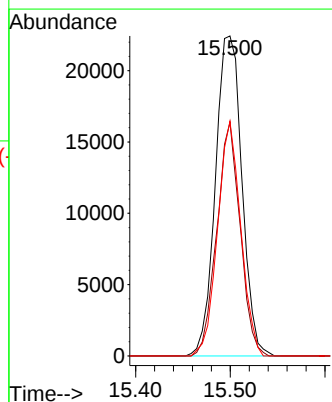
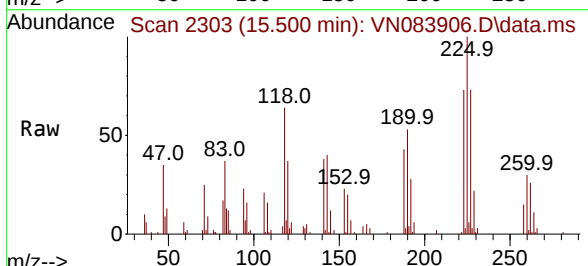
RT: 15.500 min Scan# 2303

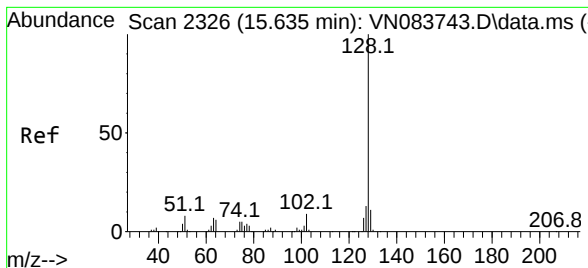
Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

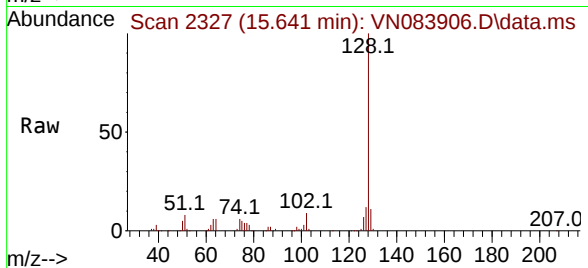
Tgt Ion:225	Resp: 43612
Ion Ratio	Lower Upper
225	100
223	64.3 31.9 95.5
227	64.2 32.0 96.2





#95
Naphthalene
Concen: 49.955 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

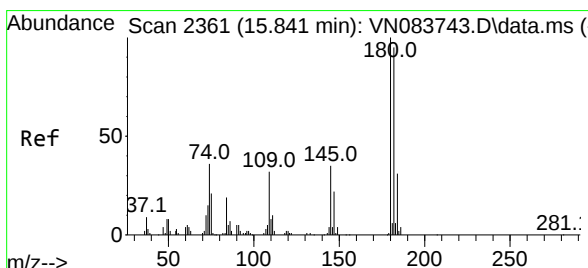
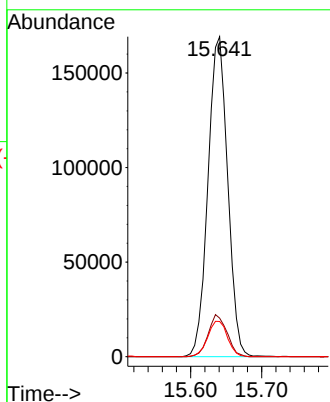
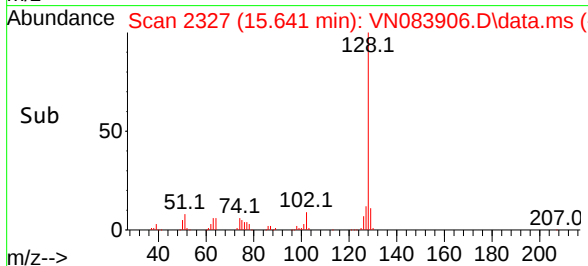
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



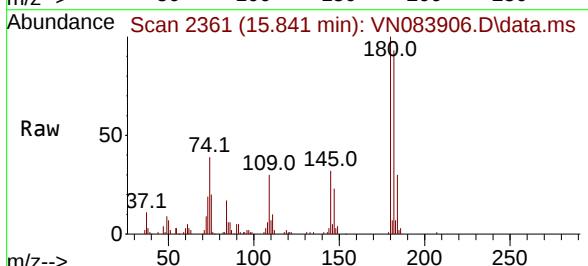
Tgt Ion:128 Resp: 325598
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#96
1,2,3-Trichlorobenzene
Concen: 47.412 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53



Tgt Ion:180 Resp: 97074
Ion Ratio Lower Upper
180 100
182 94.6 47.1 141.4
145 34.4 17.8 53.5

