

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081607.D
 Acq On : 29 Mar 2024 11:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 30 00:25:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/01/2024
 Supervised By : Mahesh Dadoda 04/01/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	349455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	601884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	560315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	273150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	233601	52.418	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.840%			
35) Dibromofluoromethane	8.165	113	211590	55.704	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.400%			
50) Toluene-d8	10.565	98	733722	53.435	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.860%			
62) 4-Bromofluorobenzene	12.847	95	266129	55.004	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 110.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	204808	43.526	ug/l	100
3) Chloromethane	2.359	50	210580	44.949	ug/l	97
4) Vinyl Chloride	2.518	62	249238	47.404	ug/l	94
5) Bromomethane	2.948	94	179500	48.274	ug/l	94
6) Chloroethane	3.118	64	183785	50.911	ug/l	92
7) Trichlorofluoromethane	3.495	101	390735	49.865	ug/l	91
8) Diethyl Ether	3.959	74	134805	51.983	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.371	101	221799	49.816	ug/l	90
10) Methyl Iodide	4.595	142	250426	56.480	ug/l	99
11) Tert butyl alcohol	5.512	59	206744	266.209	ug/l	99
12) 1,1-Dichloroethene	4.342	96	200210	48.546	ug/l	87
13) Acrolein	4.177	56	173982	249.658	ug/l	100
14) Allyl chloride	5.024	41	255587	49.458	ug/l #	83
15) Acrylonitrile	5.718	53	537604	258.754	ug/l	98
16) Acetone	4.418	43	348712	242.123	ug/l	91
17) Carbon Disulfide	4.712	76	509726	43.070	ug/l	100
18) Methyl Acetate	5.018	43	251362	56.610	ug/l #	85
19) Methyl tert-butyl Ether	5.789	73	728259	56.424	ug/l	97
20) Methylene Chloride	5.271	84	257165	54.510	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	237840	51.723	ug/l	82
22) Diisopropyl ether	6.671	45	686826	57.200	ug/l #	89
23) Vinyl Acetate	6.600	43	2581340	270.079	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	439005	54.586	ug/l #	93
25) 2-Butanone	7.477	43	628381	254.376	ug/l #	88
26) 2,2-Dichloropropane	7.488	77	390782	56.023	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	291857	56.096	ug/l	84
28) Bromochloromethane	7.812	49	181043	55.268	ug/l #	51
29) Tetrahydrofuran	7.836	42	428420	257.441	ug/l #	79
30) Chloroform	7.965	83	498160	57.861	ug/l	98
31) Cyclohexane	8.253	56	317605	43.796	ug/l #	77
32) 1,1,1-Trichloroethane	8.165	97	419357	53.687	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	324095	50.700	ug/l	96
37) Ethyl Acetate	7.559	43	270919	49.493	ug/l	96
38) Carbon Tetrachloride	8.365	117	364770	52.090	ug/l	97
39) Methylcyclohexane	9.600	83	353082	49.460	ug/l	86
40) Benzene	8.606	78	1028875	55.053	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	143349	49.520	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	349460	53.134	ug/l	96
43) Isopropyl Acetate	8.688	43	464363	51.178	ug/l #	90
44) Trichloroethene	9.353	130	275224	52.361	ug/l	90
45) 1,2-Dichloropropane	9.624	63	258667	57.110	ug/l	98
46) Dibromomethane	9.712	93	196536	57.139	ug/l #	88
47) Bromodichloromethane	9.888	83	397640	59.128	ug/l #	99
48) Methyl methacrylate	9.682	41	220744	52.746	ug/l #	84
49) 1,4-Dioxane	9.694	88	96240	956.916	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1454694	262.743	ug/l	92
52) Toluene	10.629	92	653311	55.000	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	402192	55.385	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	435647	55.954	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	277826	58.118	ug/l	93
56) Ethyl methacrylate	10.877	69	363501	50.969	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	449460	57.354	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	894491	297.377	ug/l #	83
59) 2-Hexanone	11.194	43	1057216	258.273	ug/l	91
60) Dibromochloromethane	11.359	129	312631	59.466	ug/l	97
61) 1,2-Dibromoethane	11.471	107	269488	55.294	ug/l	95
64) Tetrachloroethene	11.106	164	281912	52.636	ug/l	89
65) Chlorobenzene	11.888	112	710814	53.663	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	283079	57.662	ug/l	96
67) Ethyl Benzene	11.965	91	1241485	53.957	ug/l	96
68) m/p-Xylenes	12.071	106	971895	112.674	ug/l	94
69) o-Xylene	12.400	106	470594	55.573	ug/l	93
70) Styrene	12.412	104	798803	58.489	ug/l	95
71) Bromoform	12.582	173	205123	55.603	ug/l #	96
73) Isopropylbenzene	12.694	105	1215567	52.207	ug/l	97
74) N-amyl acetate	12.494	43	420925	49.955	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	344025	50.254	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	316116m	48.381	ug/l	
77) Bromobenzene	12.982	156	293275	50.989	ug/l	71
78) n-propylbenzene	13.035	91	1452399	52.821	ug/l	94
79) 2-Chlorotoluene	13.123	91	861418	52.343	ug/l	91
80) 1,3,5-Trimethylbenzene	13.170	105	1047247	54.456	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.741	75	123768	51.189	ug/l	97
82) 4-Chlorotoluene	13.223	91	871383	53.705	ug/l	93
83) tert-Butylbenzene	13.441	119	881582	53.160	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	1066344	55.169	ug/l	96
85) sec-Butylbenzene	13.618	105	1268067	53.489	ug/l	93
86) p-Isopropyltoluene	13.729	119	1063015	54.854	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	555900	52.604	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	561723	51.335	ug/l	96
89) n-Butylbenzene	14.059	91	906033	52.725	ug/l	97
90) Hexachloroethane	14.335	117	192723	52.512	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	545968	53.678	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	70832	48.618	ug/l	71
93) 1,2,4-Trichlorobenzene	15.394	180	296674	50.445	ug/l	97
94) Hexachlorobutadiene	15.500	225	119442	46.288	ug/l	99
95) Naphthalene	15.641	128	1003587	52.663	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	307178	51.927	ug/l	99

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

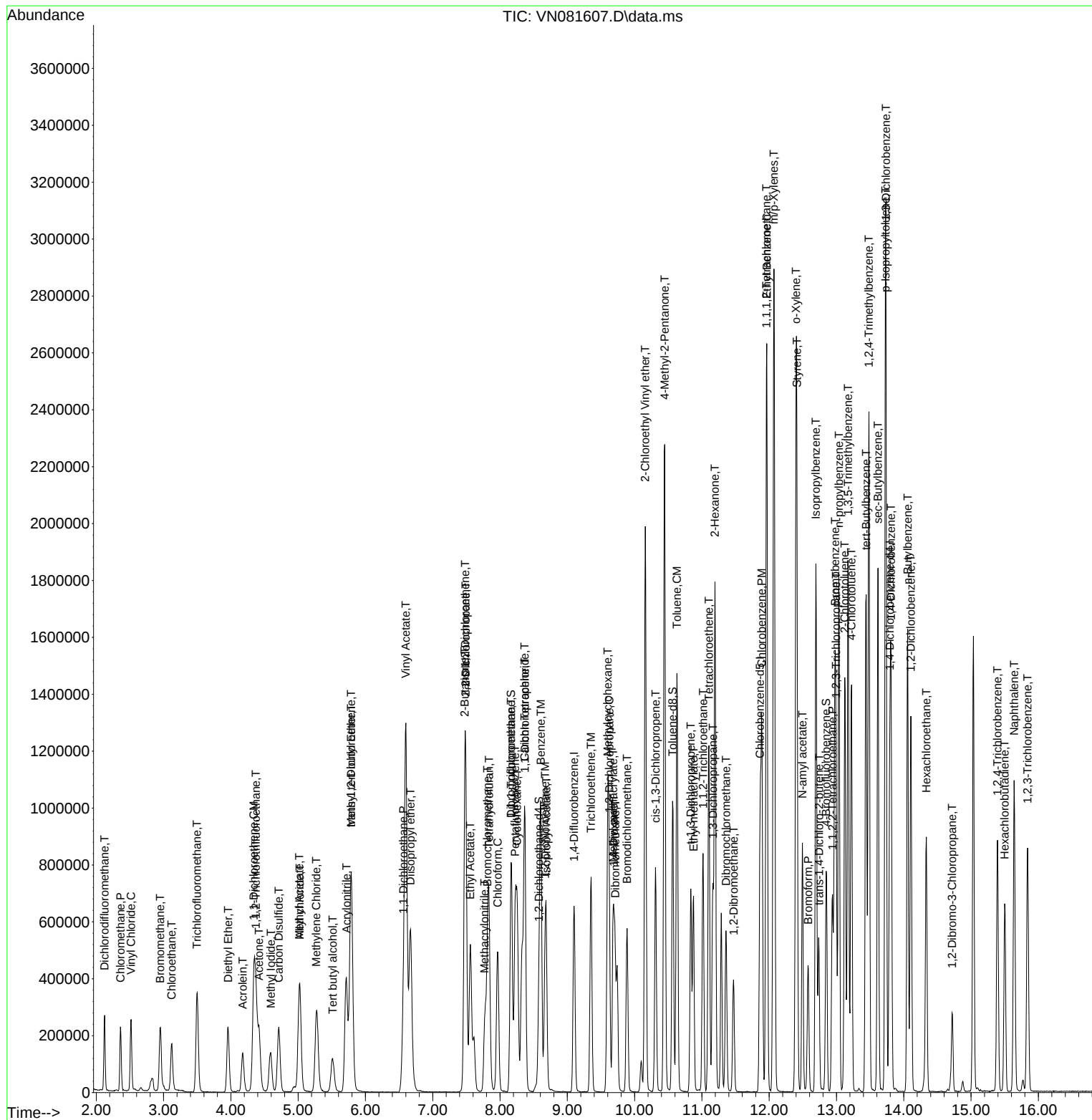
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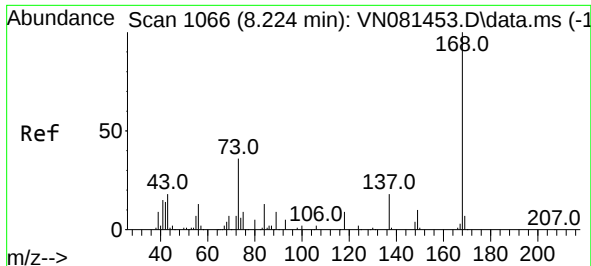
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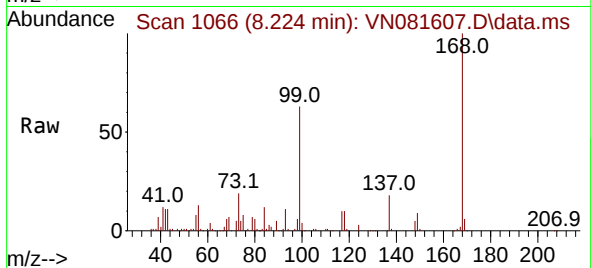
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081607.D
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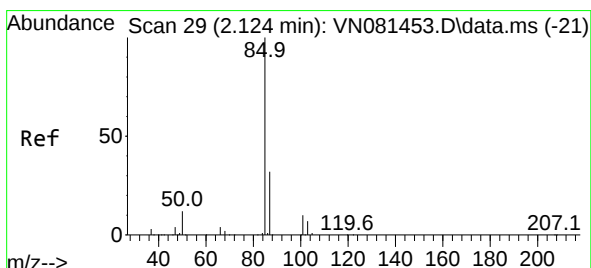
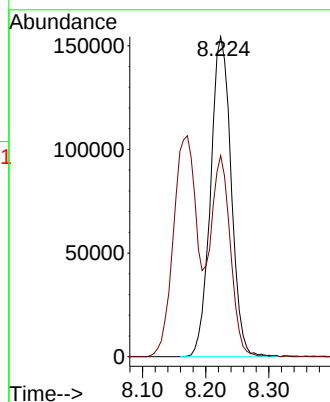
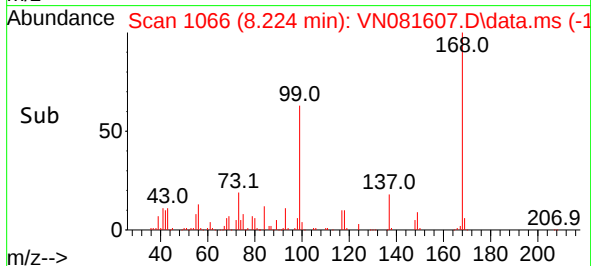
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VSTDCCC050



Tgt Ion:168 Resp: 34945
Ion Ratio Lower Upper
168 100
99 62.9 59.9 89.9

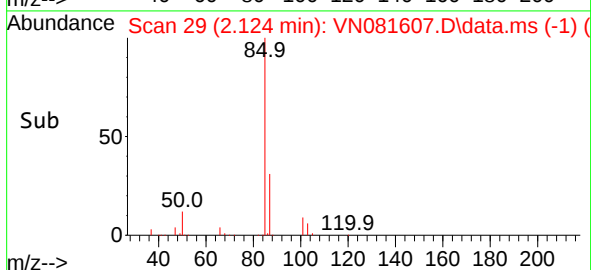
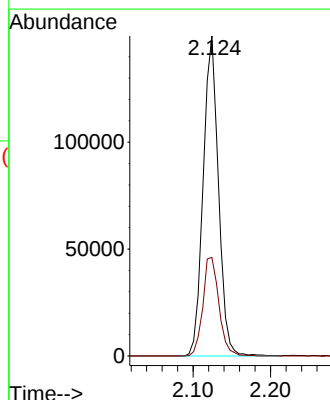
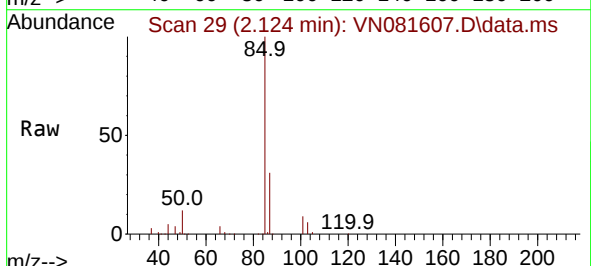
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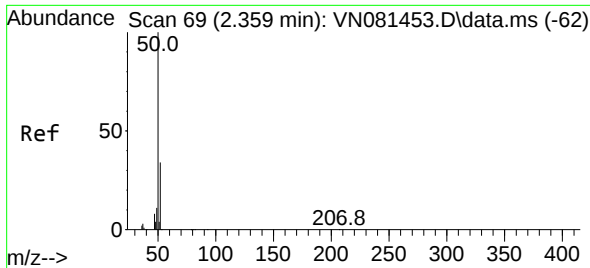
Reviewed By :John Carlone 04/01/2024
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#2
Dichlorodifluoromethane
Concen: 43.526 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

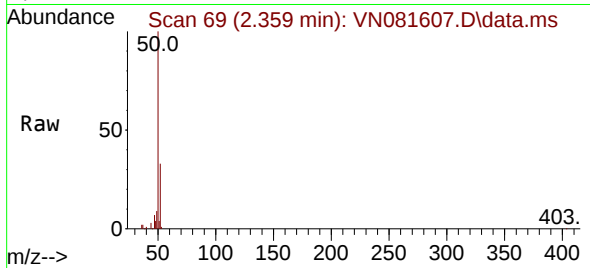
Tgt Ion: 85 Resp: 204808
Ion Ratio Lower Upper
85 100
87 30.8 15.3 45.9





#3
Chloromethane
Concen: 44.949 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

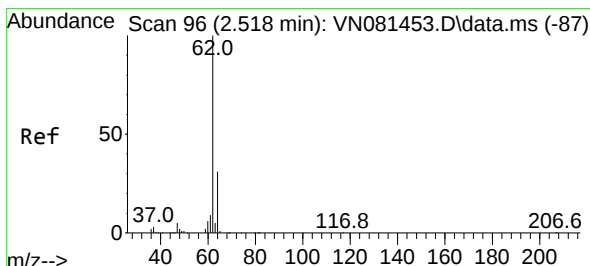
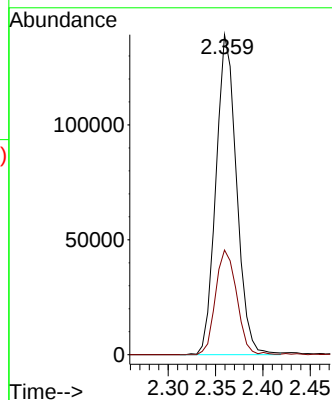
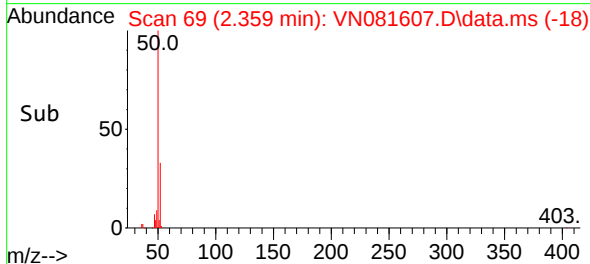
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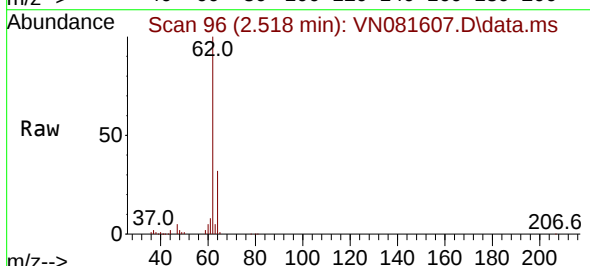
Tgt Ion: 50 Resp: 210580
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4

Manual Integrations
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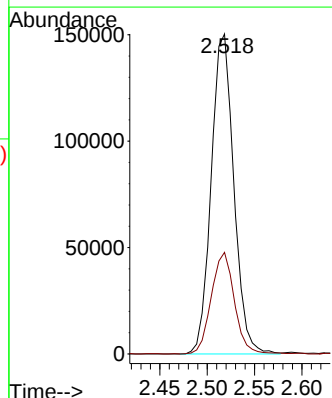
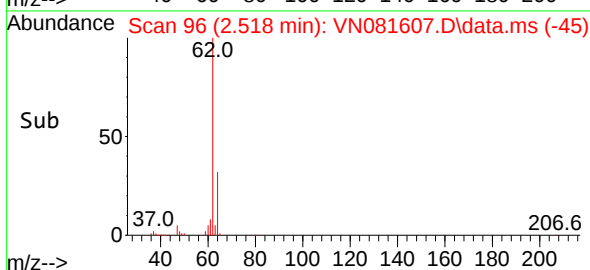
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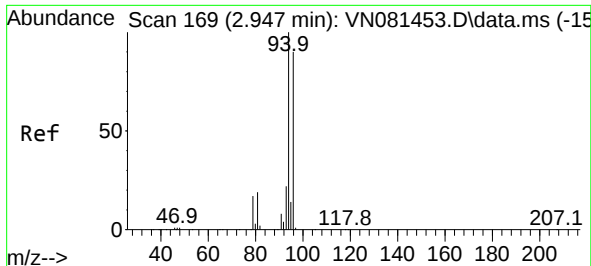


#4
Vinyl Chloride
Concen: 47.404 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35



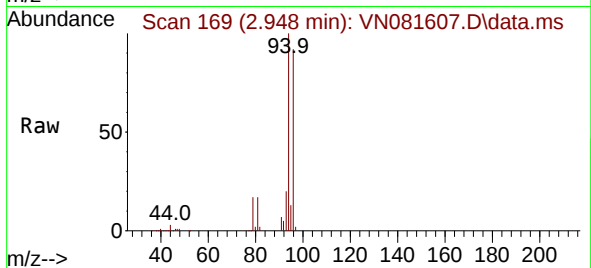
Tgt Ion: 62 Resp: 249238
Ion Ratio Lower Upper
62 100
64 31.8 22.7 34.1





#5
Bromomethane
Concen: 48.274 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

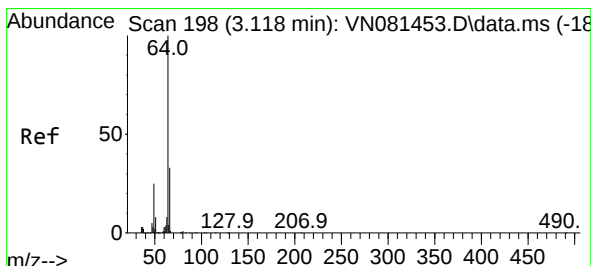
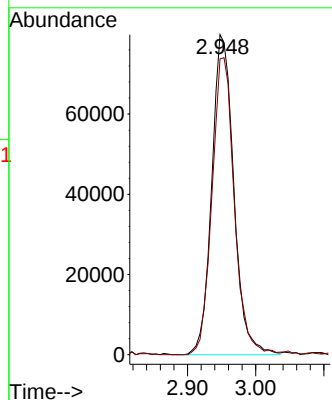
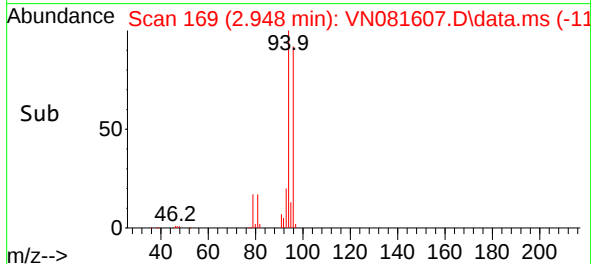
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Tgt Ion: 94 Resp: 179500
Ion Ratio Lower Upper
94 100
96 92.4 69.2 103.8

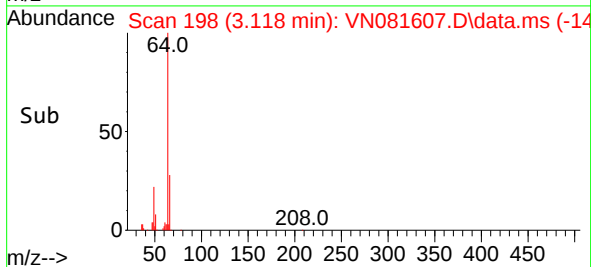
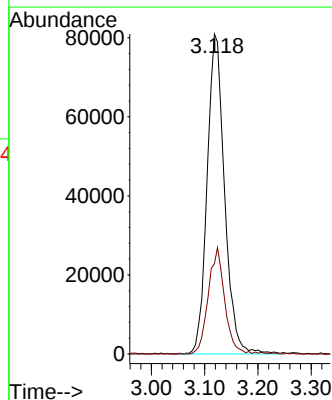
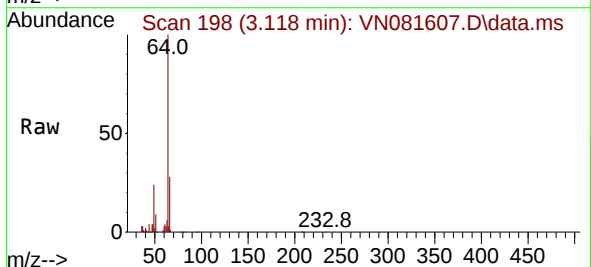
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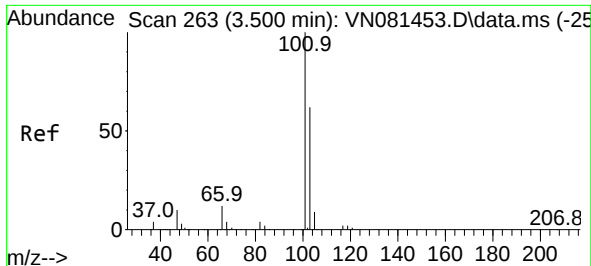
Reviewed By :John Carlone 04/01/2024
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#6
Chloroethane
Concen: 50.911 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

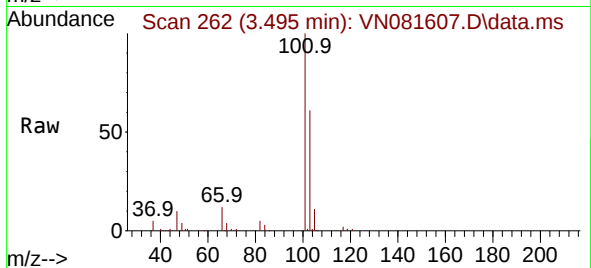
Tgt Ion: 64 Resp: 183785
Ion Ratio Lower Upper
64 100
66 28.2 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 49.865 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN081607.D
 Acq: 29 Mar 2024 11:35

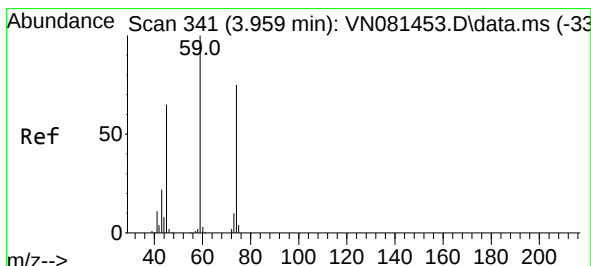
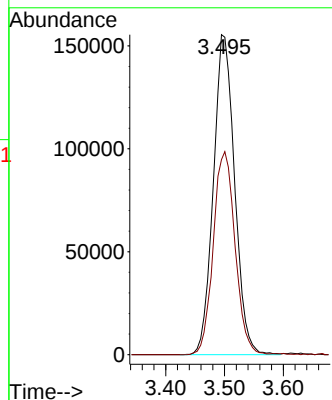
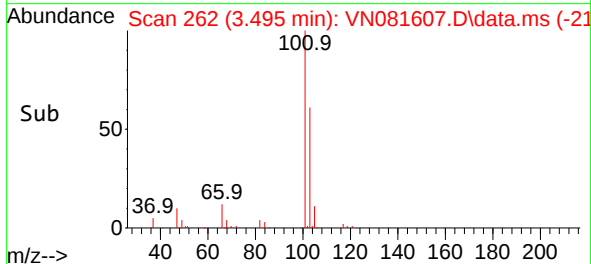
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Tgt Ion:101 Resp: 390735
 Ion Ratio Lower Upper
 101 100
 103 61.0 54.4 81.6

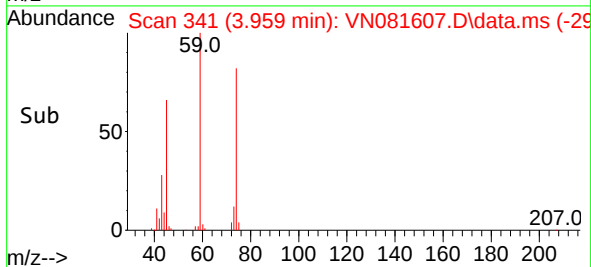
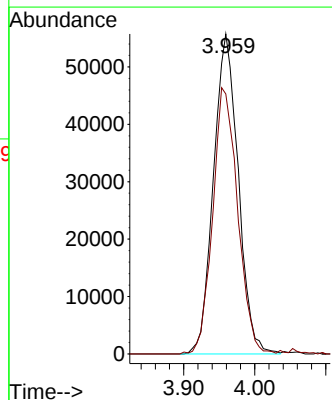
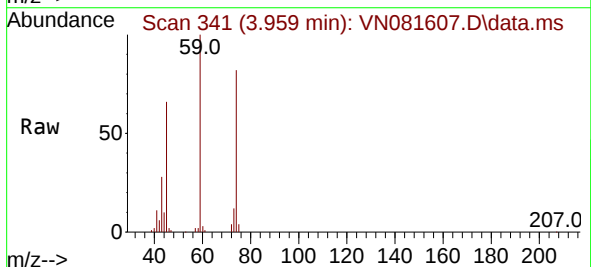
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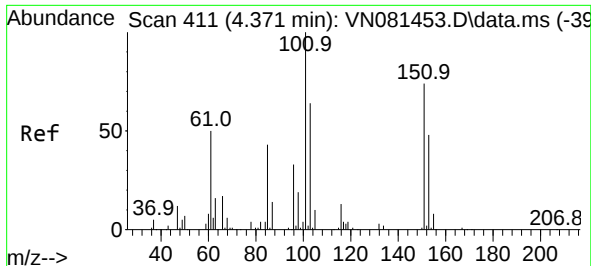
Reviewed By :John Carlone 04/01/2024
 Supervised By :Mahesh Dadoda 04/01/2024



#8
 Diethyl Ether
 Concen: 51.983 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN081607.D
 Acq: 29 Mar 2024 11:35

Tgt Ion: 74 Resp: 134805
 Ion Ratio Lower Upper
 74 100
 45 84.0 53.3 159.9





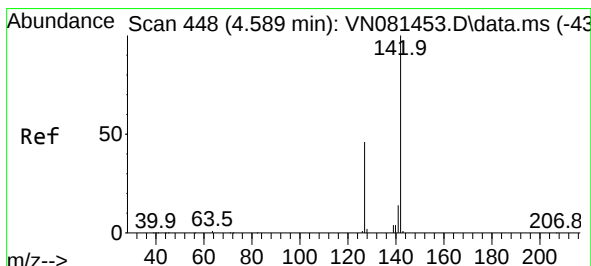
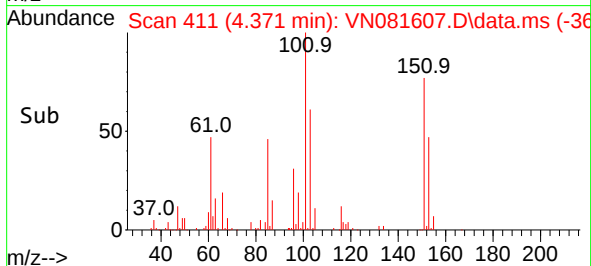
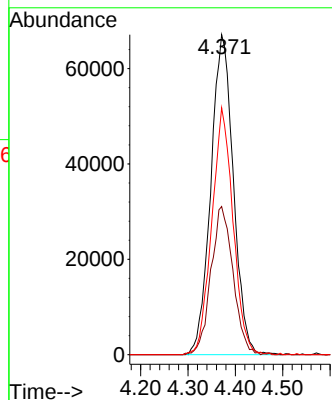
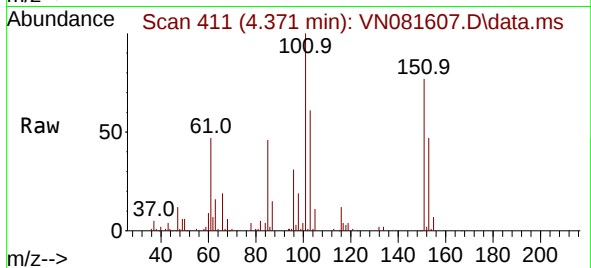
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.816 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 221799
Ion Ratio Lower Upper
101 100
85 45.4 38.1 57.1
151 72.9 49.1 73.7

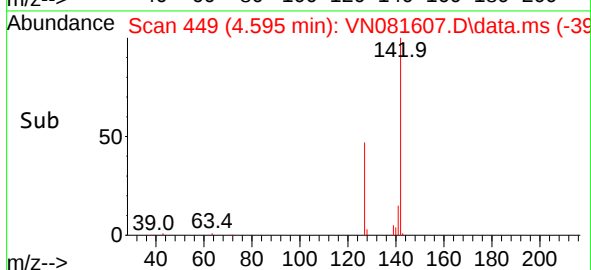
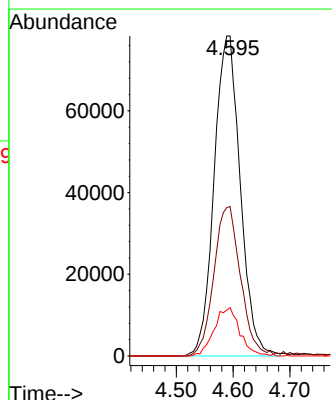
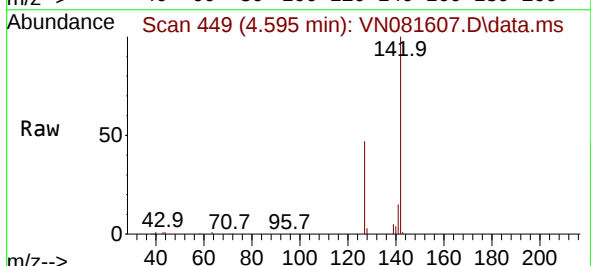
Manual Integrations
APPROVED

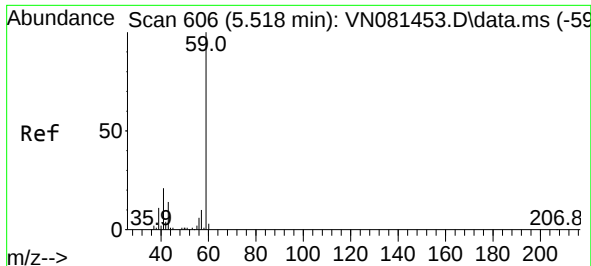
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#10
Methyl Iodide
Concen: 56.480 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

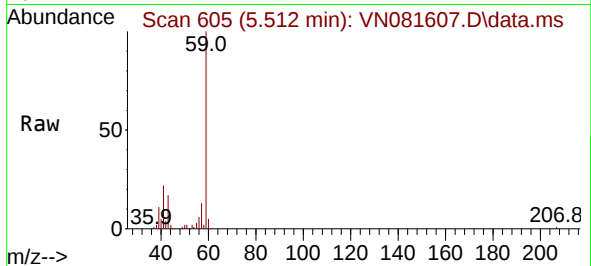
Tgt Ion:142 Resp: 250426
Ion Ratio Lower Upper
142 100
127 46.7 37.0 55.4
141 15.1 12.5 18.7





#11
Tert butyl alcohol
Concen: 266.209 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

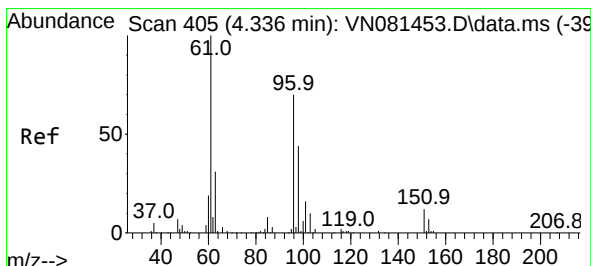
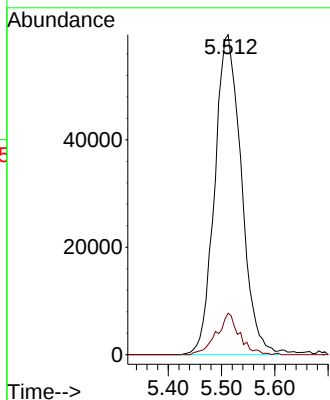
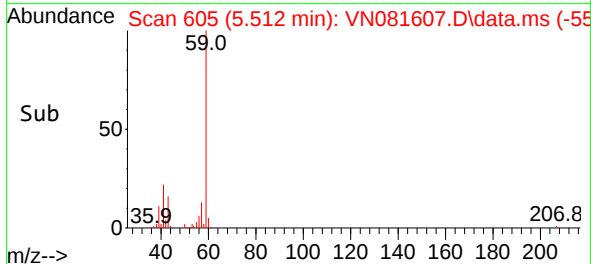
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



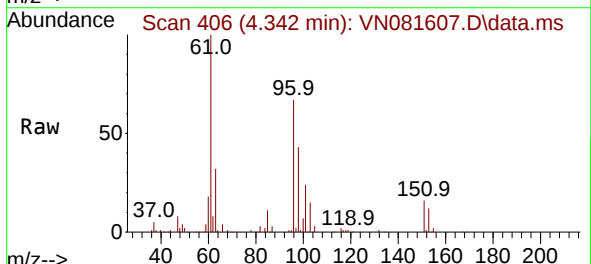
Tgt Ion: 59 Resp: 206744
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

Manual Integrations
APPROVED

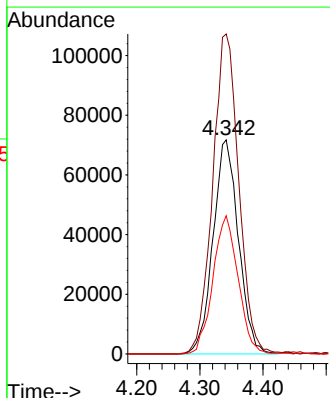
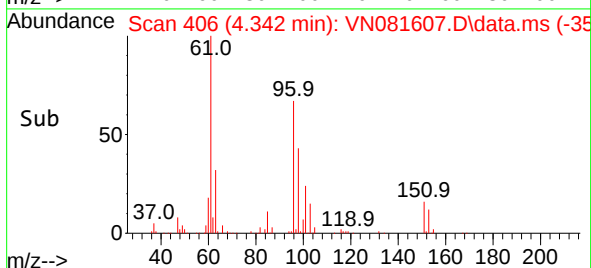
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

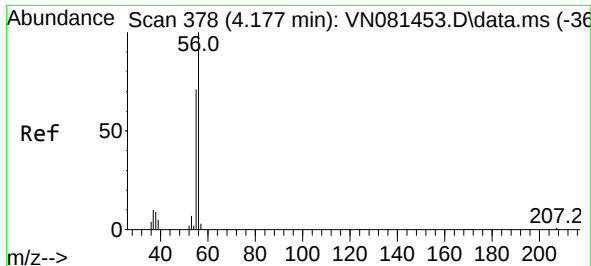


#12
1,1-Dichloroethene
Concen: 48.546 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35



Tgt Ion: 96 Resp: 200210
Ion Ratio Lower Upper
96 100
61 149.5 138.2 207.4
98 64.6 49.2 73.8





#13

Acrolein

Concen: 249.658 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081607.D

Acq: 29 Mar 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 17398

Ion Ratio Lower Upper

56 100

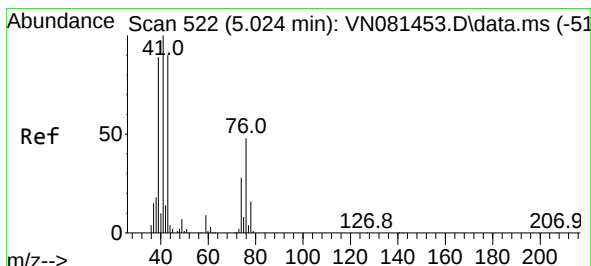
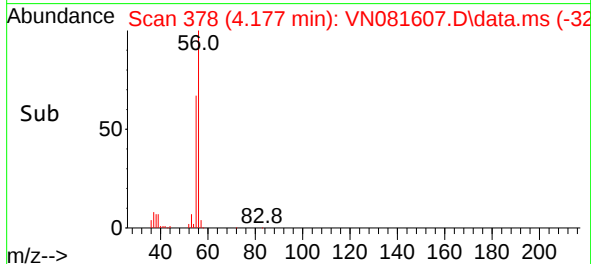
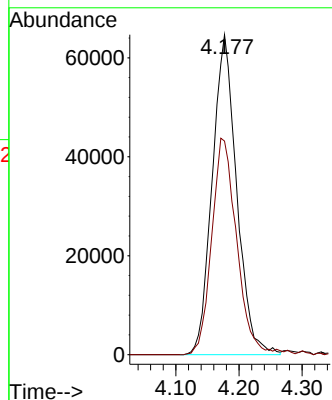
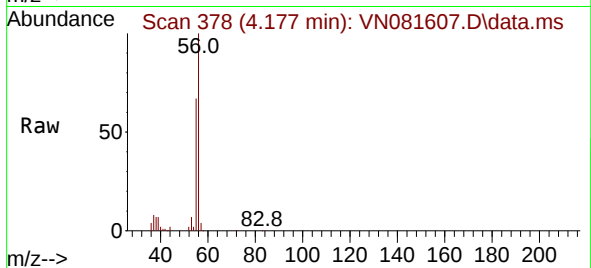
55 69.5 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#14

Allyl chloride

Concen: 49.458 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN081607.D

Acq: 29 Mar 2024 11:35

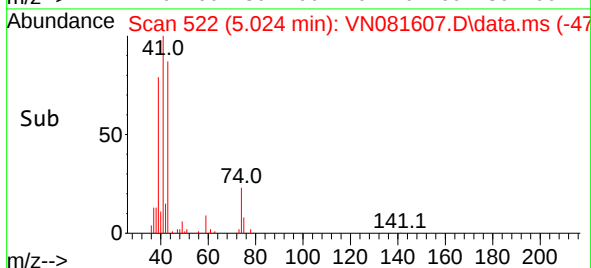
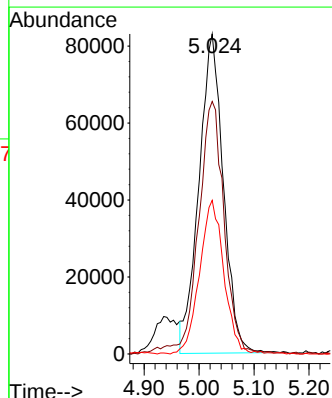
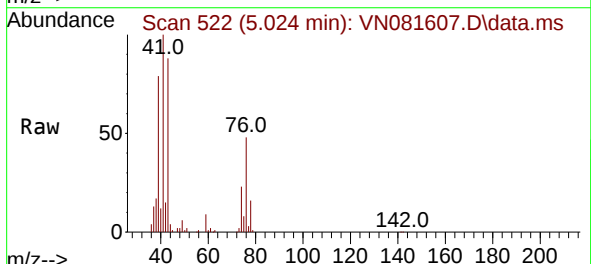
Tgt Ion: 41 Resp: 255587

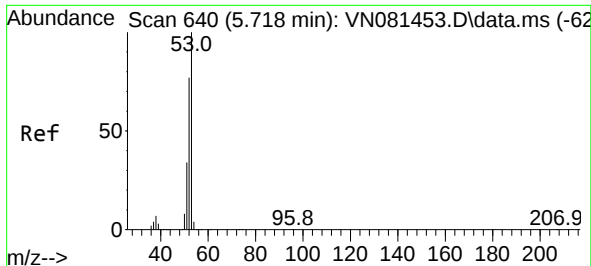
Ion Ratio Lower Upper

41 100

39 83.6 57.7 86.5

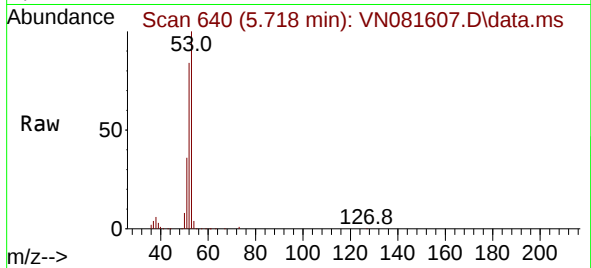
76 47.8 26.8 40.2#





#15
Acrylonitrile
Concen: 258.754 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

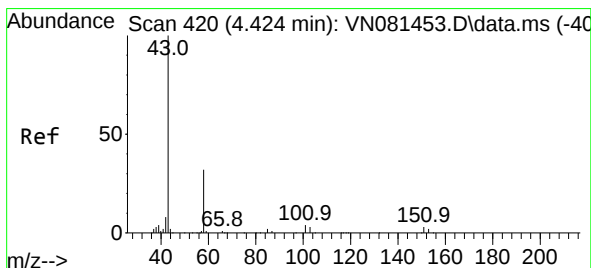
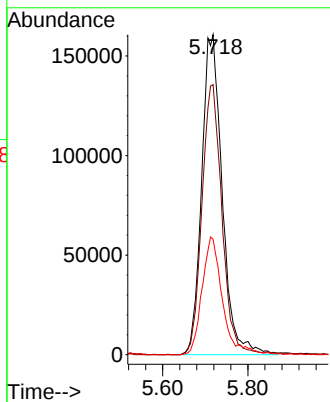
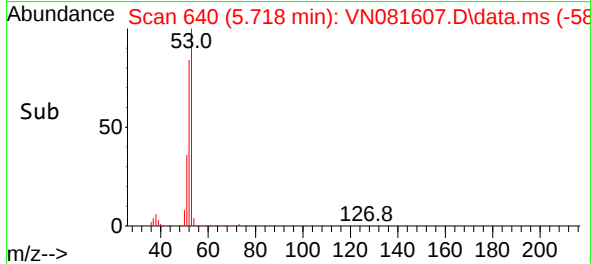
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 537604
Ion Ratio Lower Upper
53 100
52 81.9 64.8 97.2
51 36.6 26.9 40.3

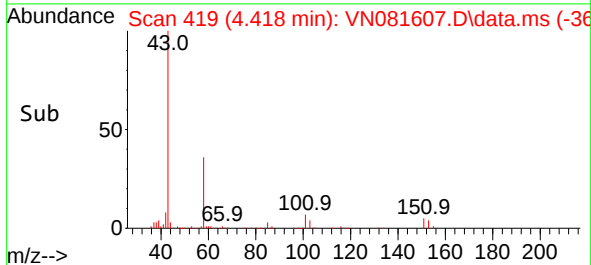
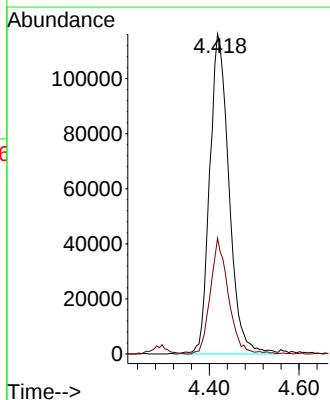
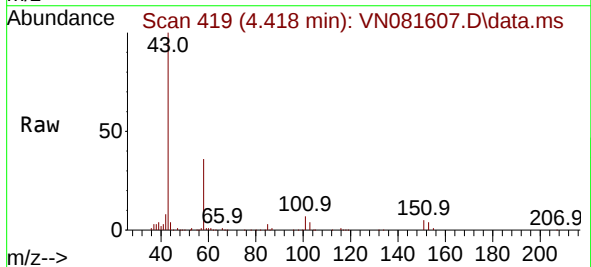
Manual Integrations
APPROVED

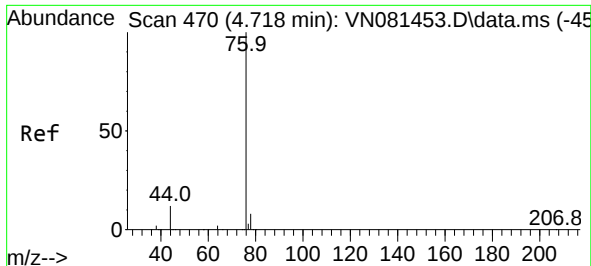
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#16
Acetone
Concen: 242.123 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Tgt Ion: 43 Resp: 348712
Ion Ratio Lower Upper
43 100
58 36.0 24.8 37.2





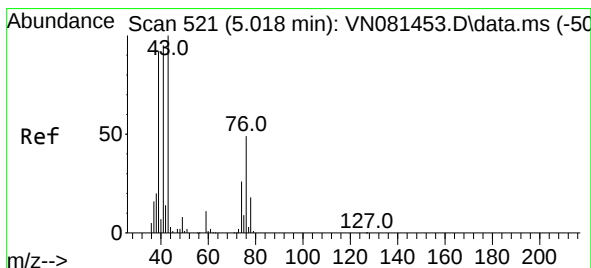
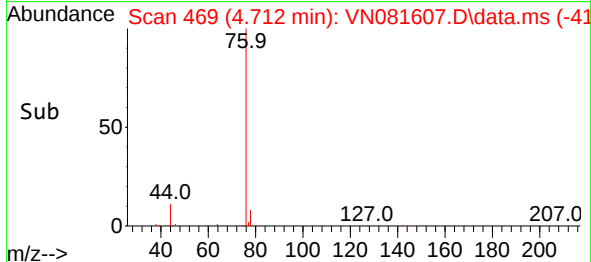
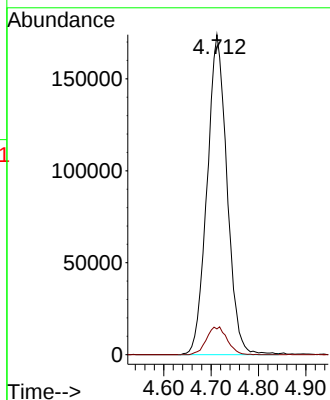
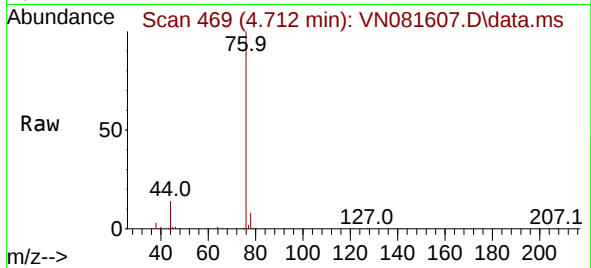
#17
Carbon Disulfide
Concen: 43.070 ug/l
RT: 4.712 min Scan# 407
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 509720
Ion Ratio Lower Upper
76 100
78 8.1 6.3 9.5

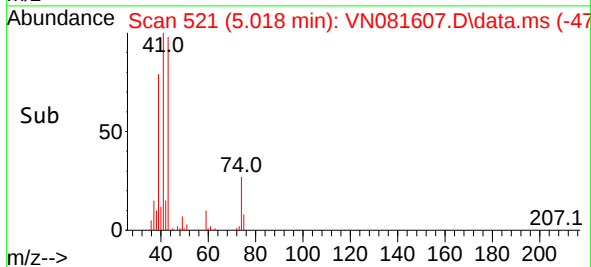
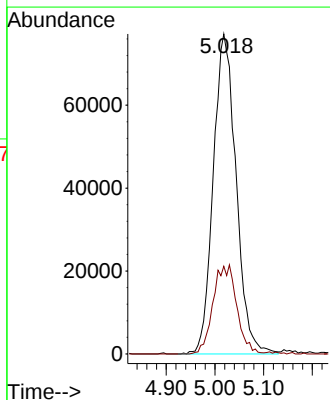
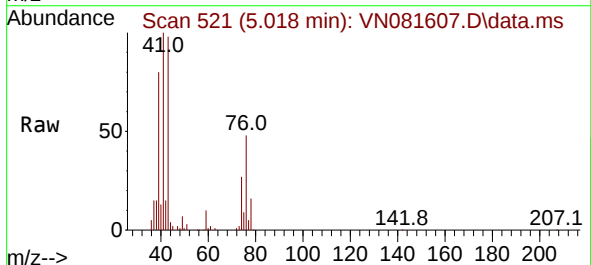
Manual Integrations
APPROVED

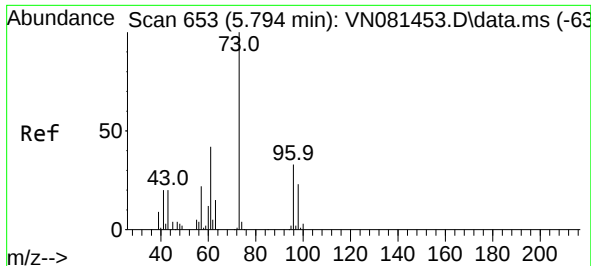
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#18
Methyl Acetate
Concen: 56.610 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Tgt Ion: 43 Resp: 251362
Ion Ratio Lower Upper
43 100
74 28.8 17.3 25.9#





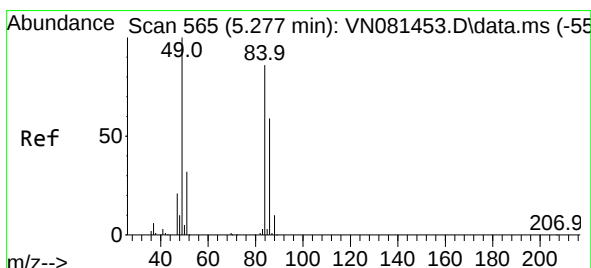
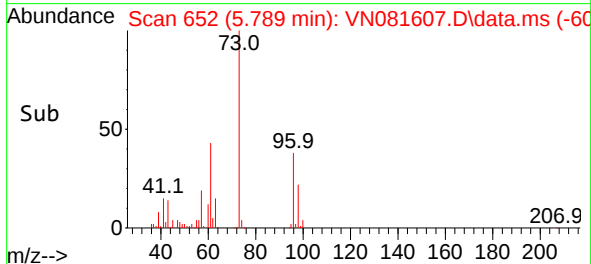
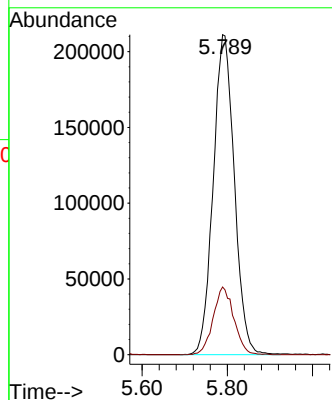
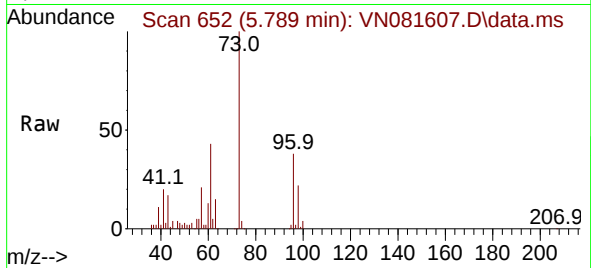
#19
Methyl tert-butyl Ether
Concen: 56.424 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 728259
Ion Ratio Lower Upper
73 100
57 21.2 18.2 27.4

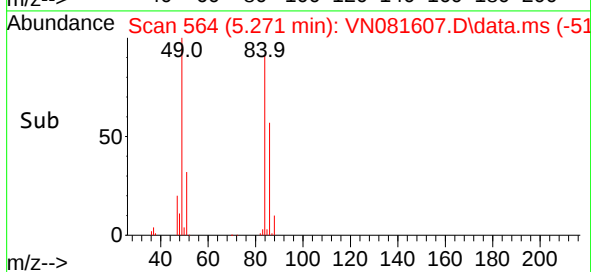
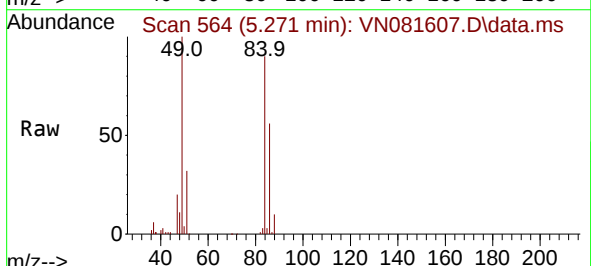
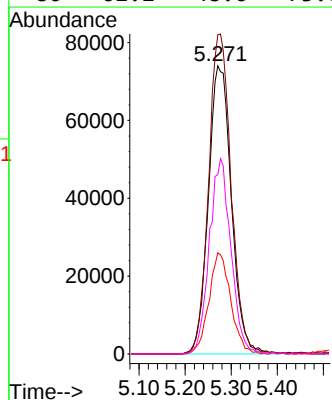
Manual Integrations
APPROVED

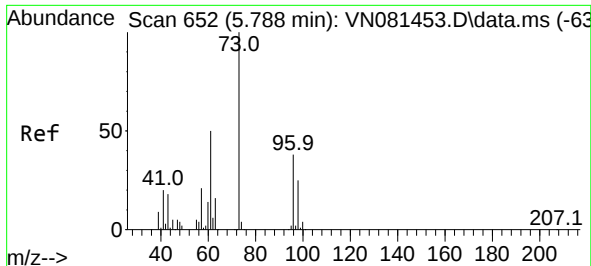
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#20
Methylene Chloride
Concen: 54.510 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

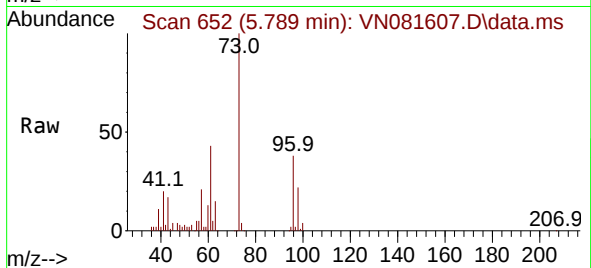
Tgt Ion: 84 Resp: 257165
Ion Ratio Lower Upper
84 100
49 110.7 108.1 162.1
51 35.1 32.9 49.3
86 62.2 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 51.723 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

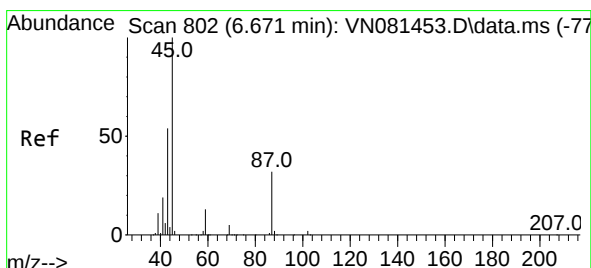
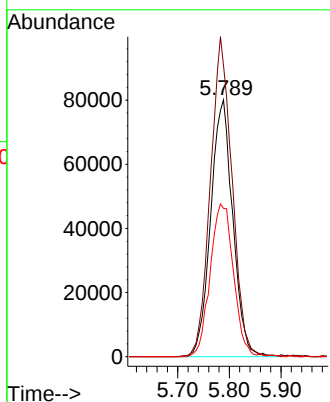
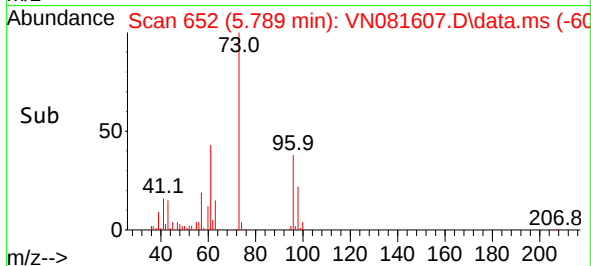
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 237840
Ion Ratio Lower Upper
96 100
61 113.5 112.8 169.2
98 57.8 51.0 76.4

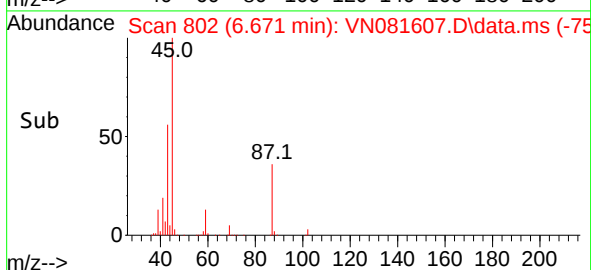
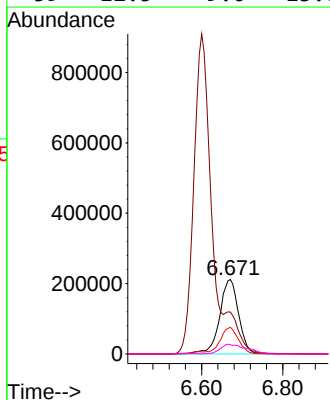
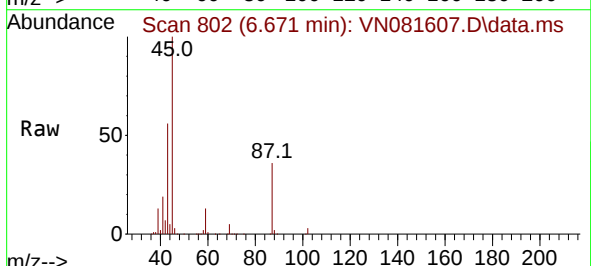
Manual Integrations
APPROVED

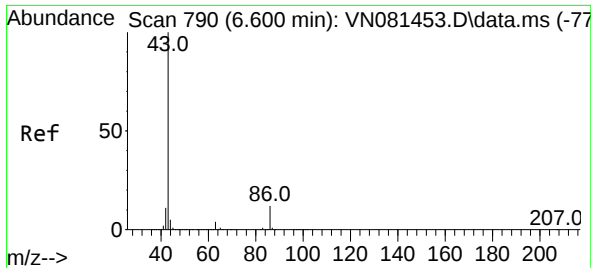
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#22
Diisopropyl ether
Concen: 57.200 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Tgt Ion: 45 Resp: 686826
Ion Ratio Lower Upper
45 100
43 55.8 41.8 62.8
87 35.7 18.1 27.1#
59 12.5 9.0 13.6





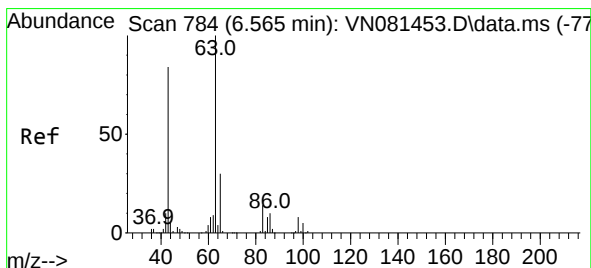
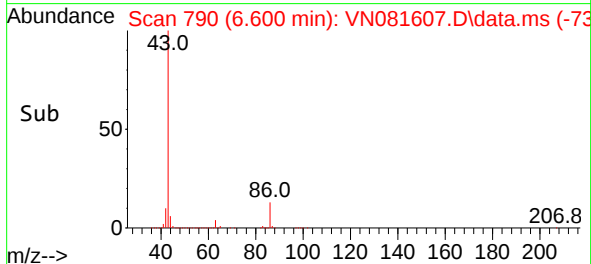
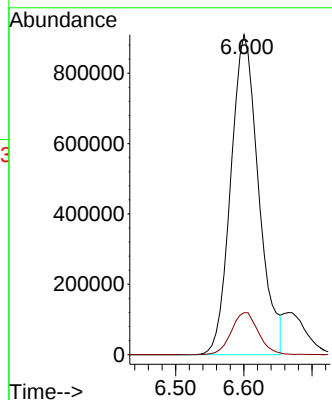
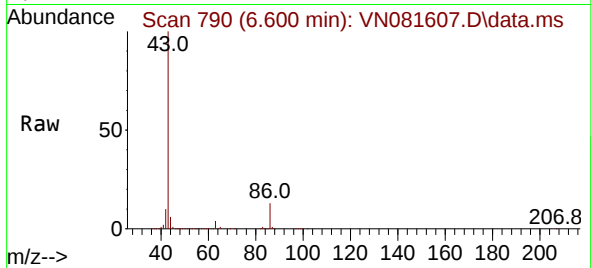
#23
 Vinyl Acetate
 Concen: 270.079 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081607.D
 Acq: 29 Mar 2024 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2581340
 Ion Ratio Lower Upper
 43 100
 86 13.1 7.1 10.7

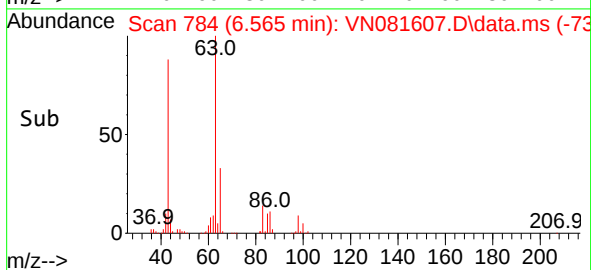
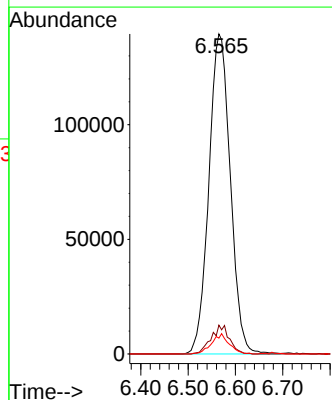
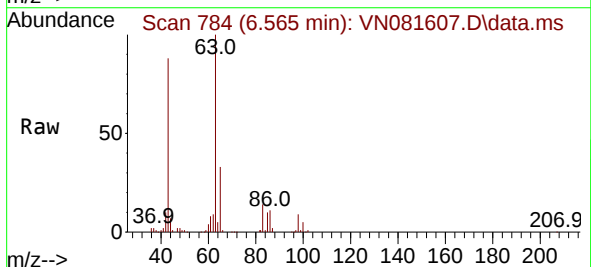
Manual Integrations
 APPROVED

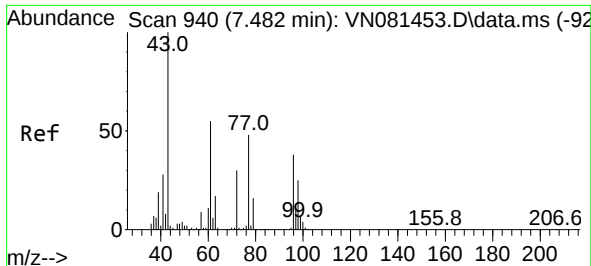
Reviewed By :John Carlone 04/01/2024
 Supervised By :Mahesh Dadoda 04/01/2024



#24
 1,1-Dichloroethane
 Concen: 54.586 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081607.D
 Acq: 29 Mar 2024 11:35

Tgt Ion: 63 Resp: 439005
 Ion Ratio Lower Upper
 63 100
 98 9.0 2.9 8.6#
 100 5.0 1.9 5.7





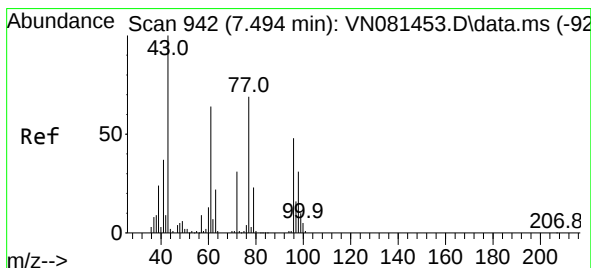
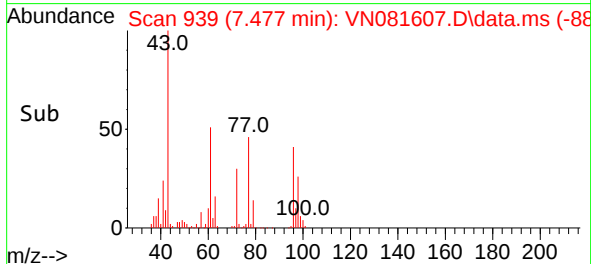
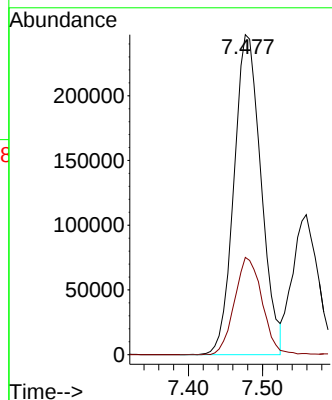
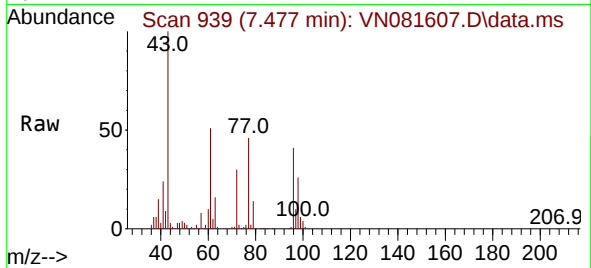
#25
2-Butanone
Concen: 254.376 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 62838
Ion Ratio Lower Upper
43 100
72 30.4 19.5 29.3

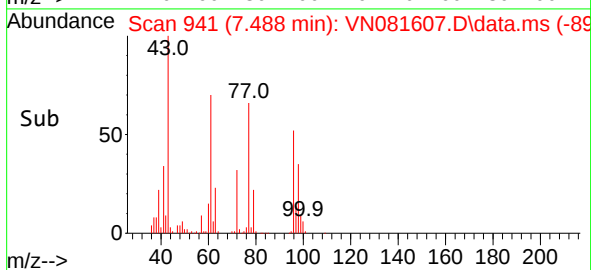
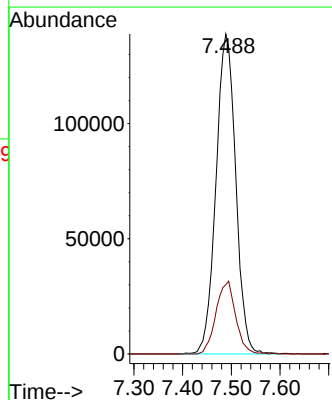
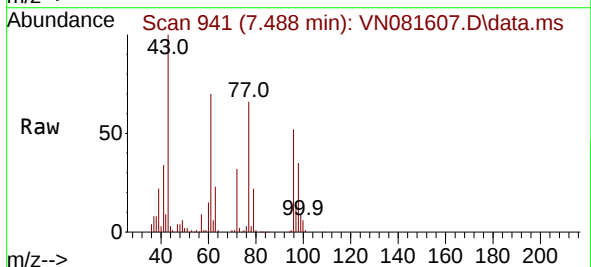
Manual Integrations
APPROVED

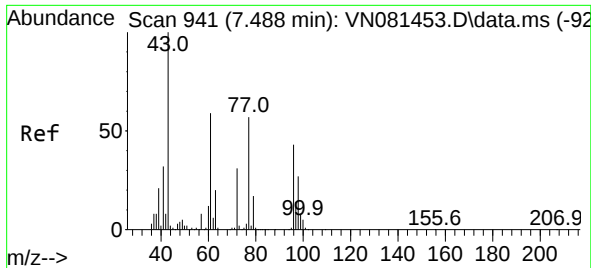
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#26
2,2-Dichloropropane
Concen: 56.023 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

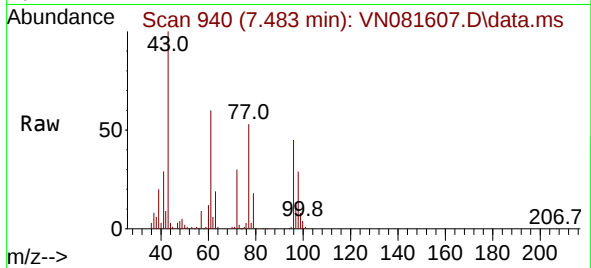
Tgt Ion: 77 Resp: 390782
Ion Ratio Lower Upper
77 100
97 22.6 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 56.096 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081607.D
 Acq: 29 Mar 2024 11:35

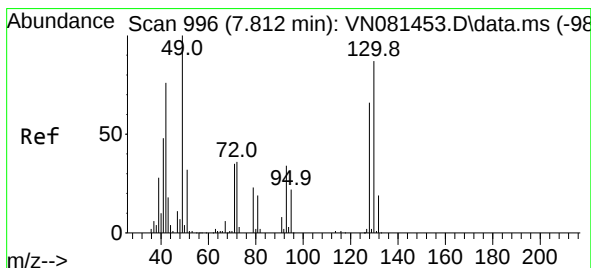
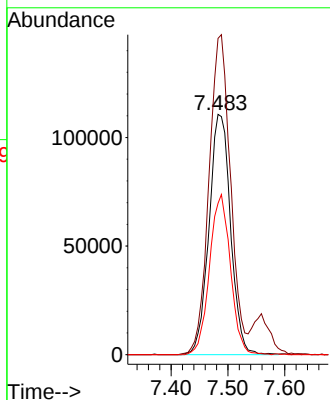
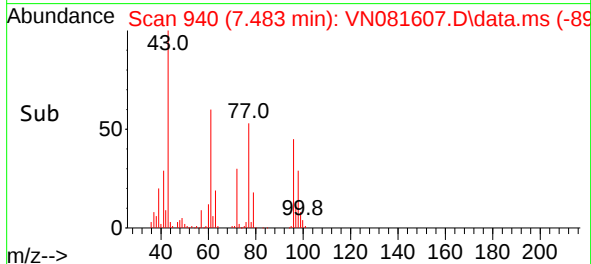
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 29185
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 325.4
 98 64.5 0.0 130.4

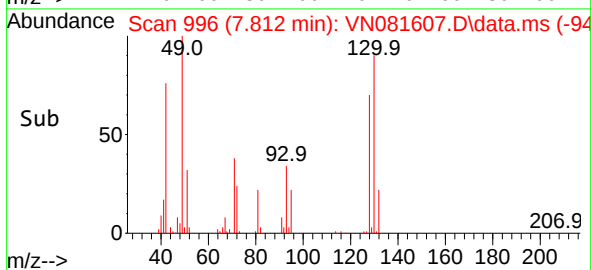
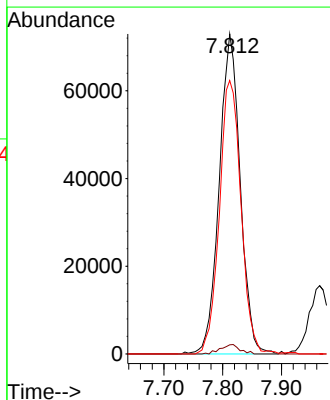
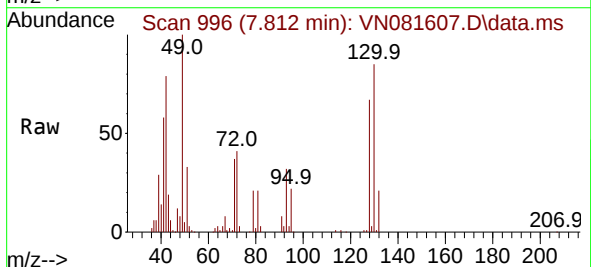
Manual Integrations
 APPROVED

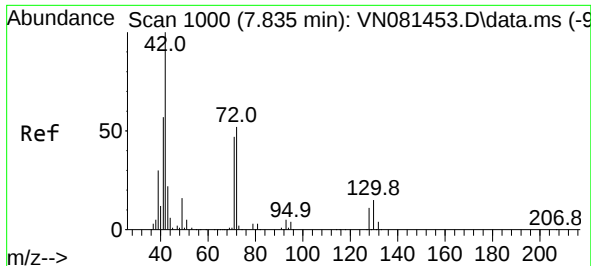
Reviewed By :John Carlone 04/01/2024
 Supervised By :Mahesh Dadoda 04/01/2024



#28
 Bromochloromethane
 Concen: 55.268 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081607.D
 Acq: 29 Mar 2024 11:35

Tgt Ion: 49 Resp: 181043
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 1.6#
 130 87.8 42.3 63.5#





#29

Tetrahydrofuran

Concen: 257.441 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081607.D

Acq: 29 Mar 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 428420

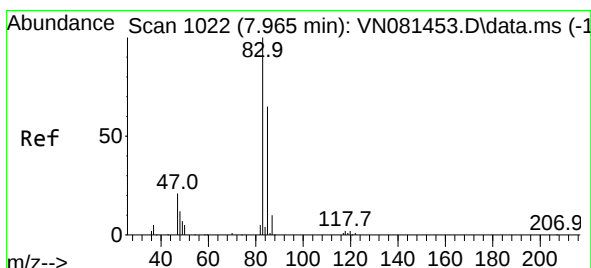
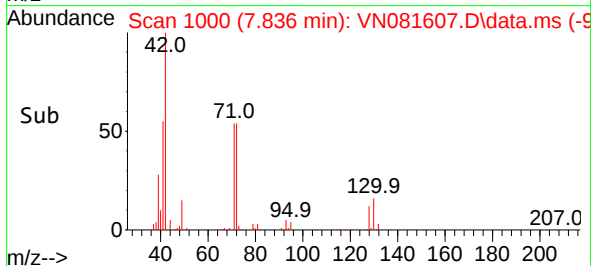
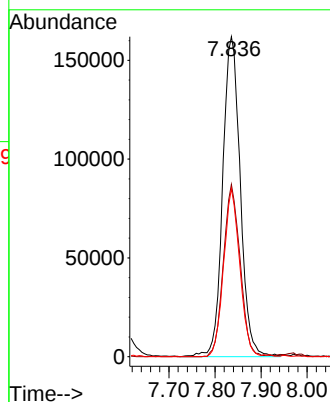
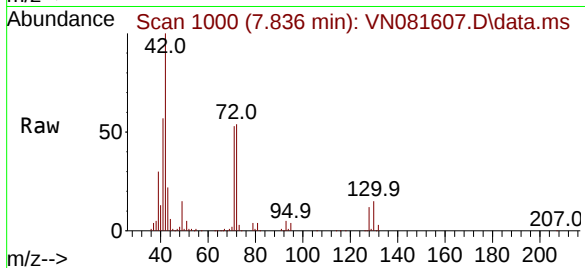
Ion	Ratio	Lower	Upper
42	100		
72	51.3	31.1	46.7
71	48.2	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#30

Chloroform

Concen: 57.861 ug/l

RT: 7.965 min Scan# 1022

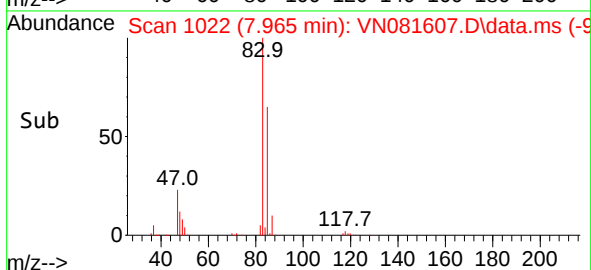
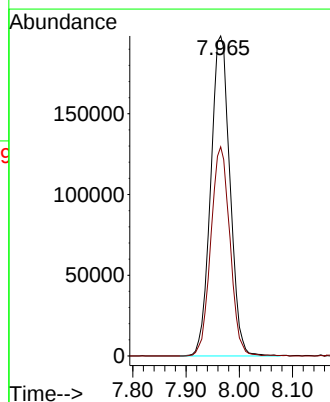
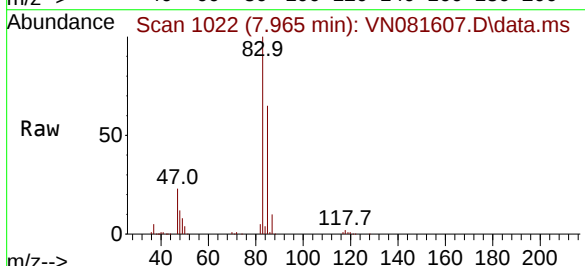
Delta R.T. 0.000 min

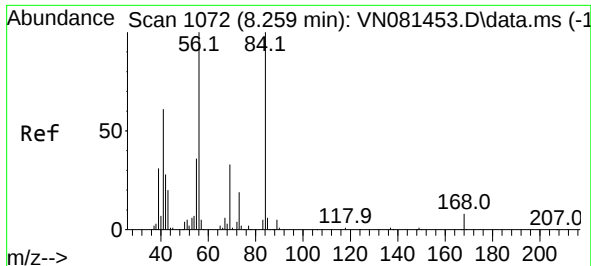
Lab File: VN081607.D

Acq: 29 Mar 2024 11:35

Tgt Ion: 83 Resp: 498160

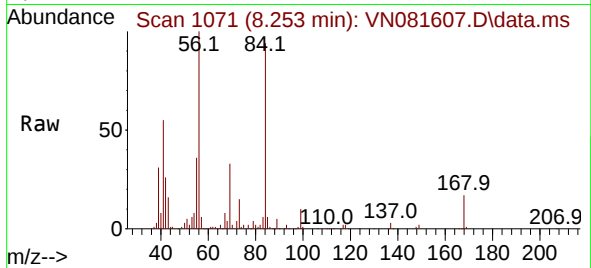
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.0	76.6





#31
Cyclohexane
Concen: 43.796 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

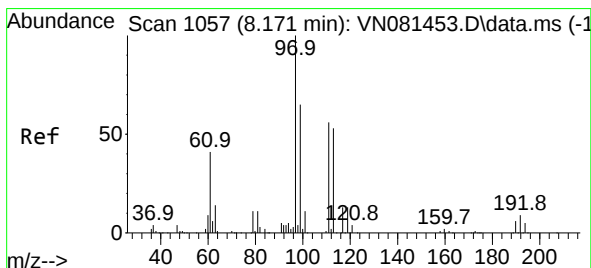
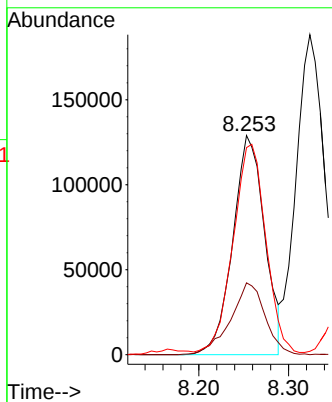
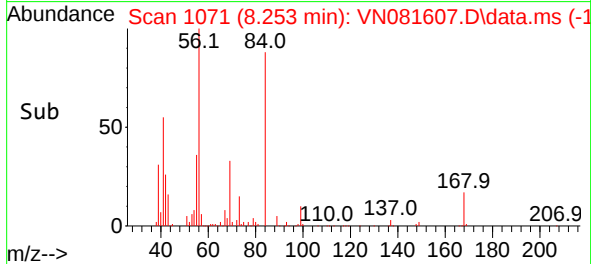
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



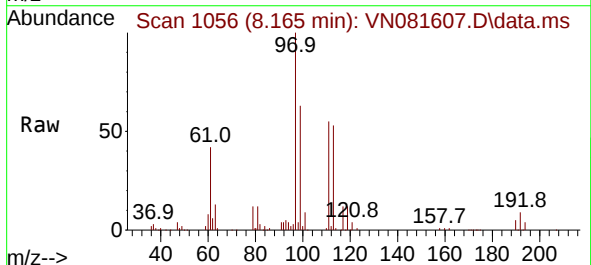
Tgt Ion: 56 Resp: 31760
Ion Ratio Lower Upper
56 100
69 32.8 20.1 30.1
84 92.7 56.9 85.3

Manual Integrations
APPROVED

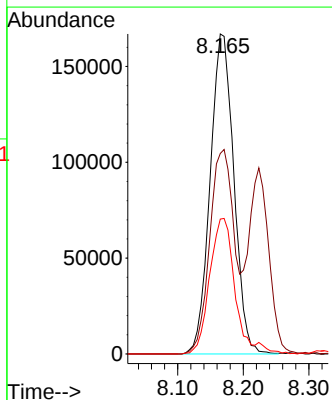
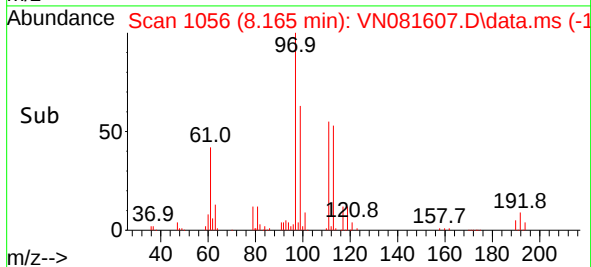
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

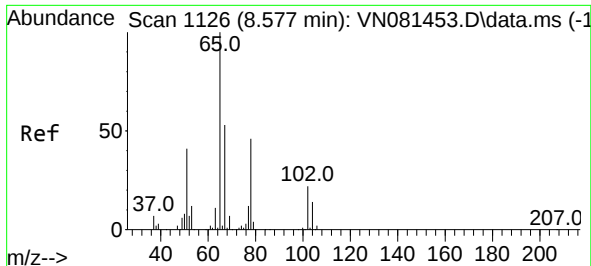


#32
1,1,1-Trichloroethane
Concen: 53.687 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35



Tgt Ion: 97 Resp: 419357
Ion Ratio Lower Upper
97 100
99 64.9 53.4 80.0
61 43.8 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 52.418 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081607.D

Acq: 29 Mar 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 23360

Ion Ratio Lower Upper

65 100

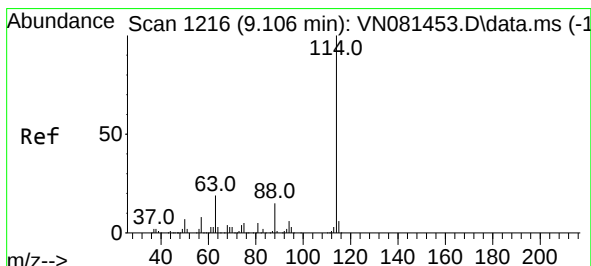
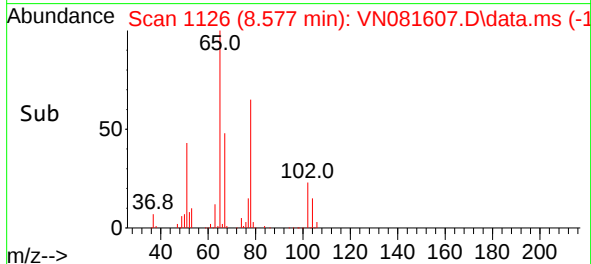
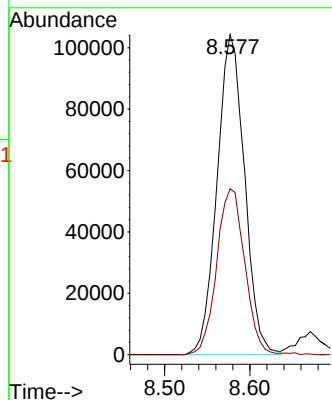
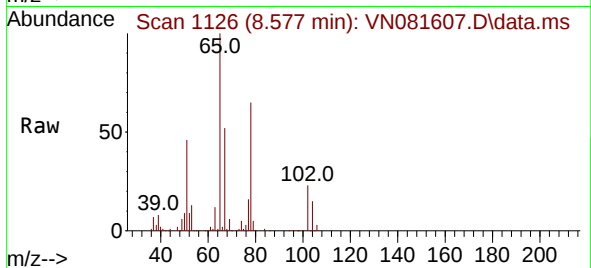
67 52.9 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081607.D

Acq: 29 Mar 2024 11:35

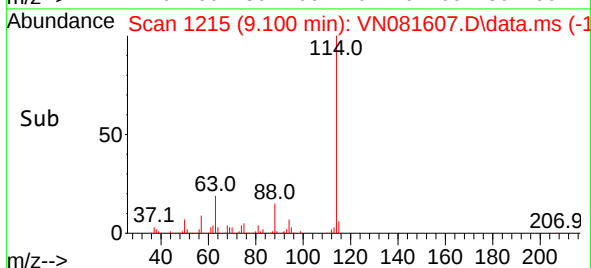
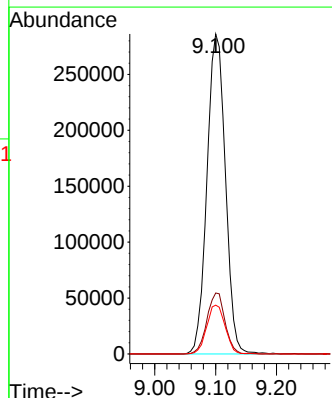
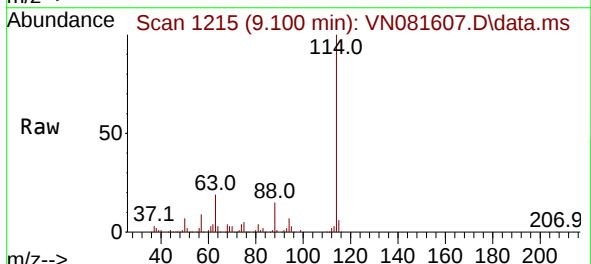
Tgt Ion:114 Resp: 601884

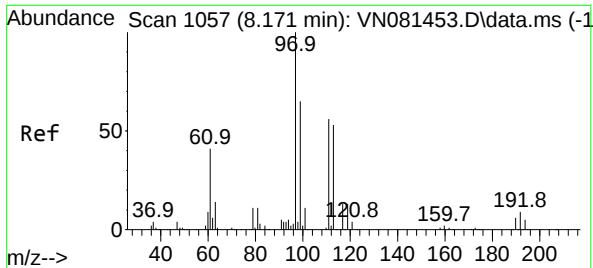
Ion Ratio Lower Upper

114 100

63 19.0 0.0 48.0

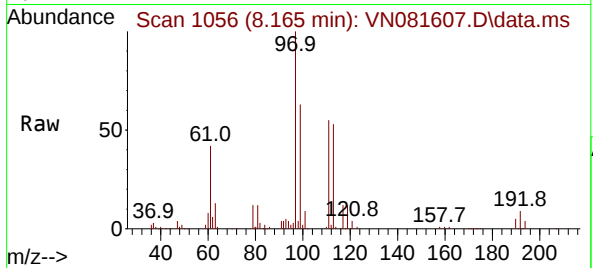
88 15.3 0.0 34.8





#35
Dibromofluoromethane
Concen: 55.704 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

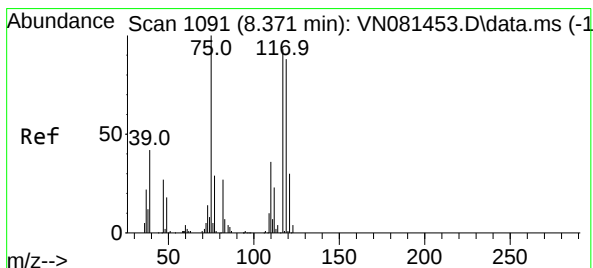
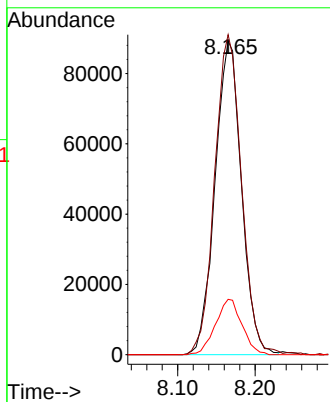
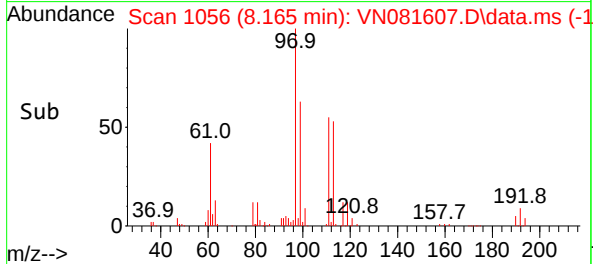
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 211590
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 17.7 12.5 18.7

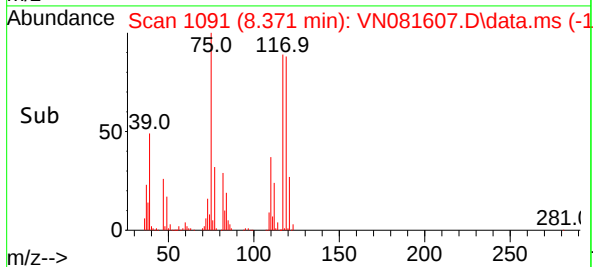
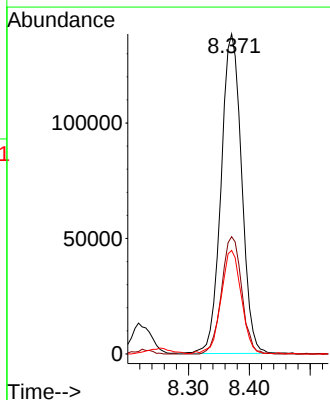
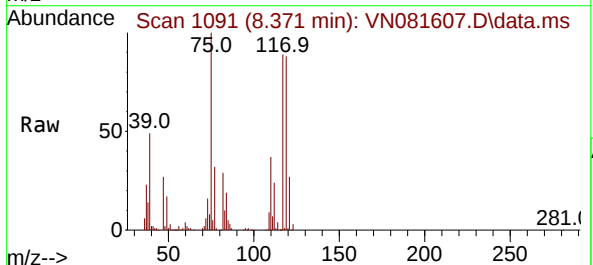
Manual Integrations
APPROVED

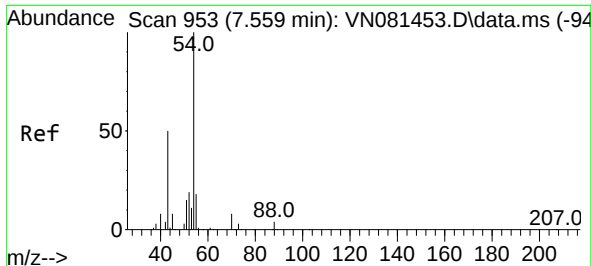
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#36
1,1-Dichloropropene
Concen: 50.700 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Tgt Ion: 75 Resp: 324095
Ion Ratio Lower Upper
75 100
110 36.1 16.0 48.0
77 31.8 25.8 38.6





#37

Ethyl Acetate

Concen: 49.493 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081607.D

Acq: 29 Mar 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 270919

Ion Ratio Lower Upper

43 100

61 14.8 10.6 15.8

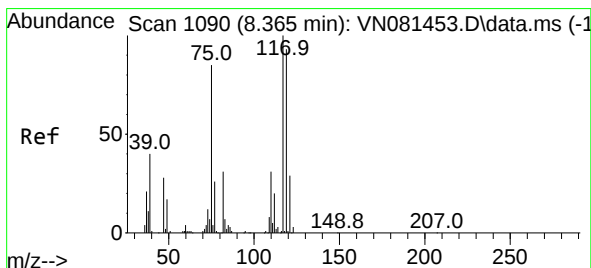
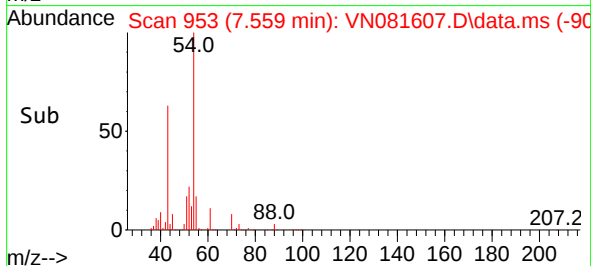
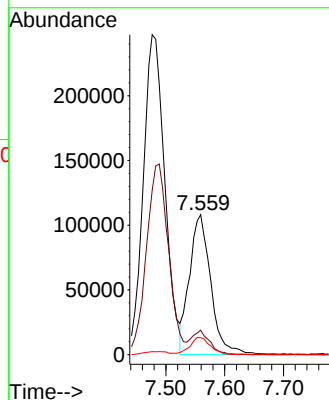
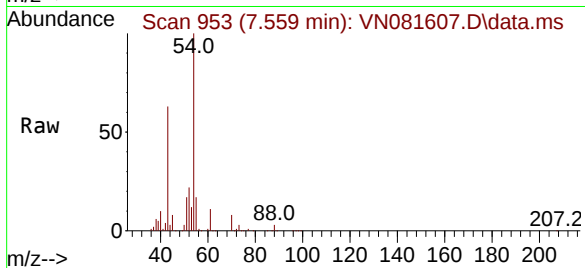
70 11.9 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#38

Carbon Tetrachloride

Concen: 52.090 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN081607.D

Acq: 29 Mar 2024 11:35

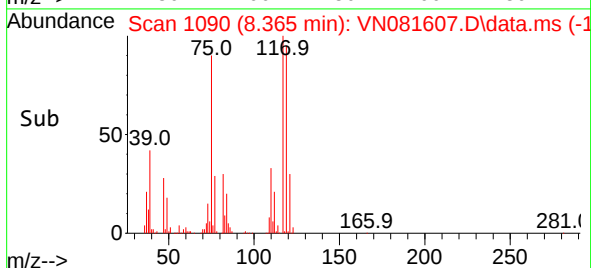
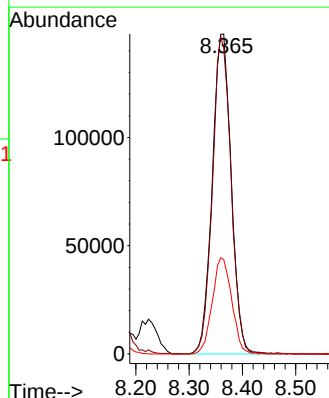
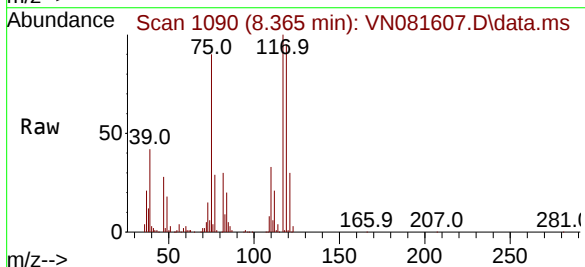
Tgt Ion:117 Resp: 364770

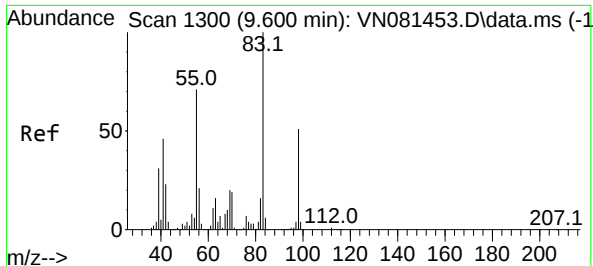
Ion Ratio Lower Upper

117 100

119 95.5 73.4 110.2

121 29.5 24.4 36.6





#39

Methylcyclohexane

Concen: 49.460 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081607.D

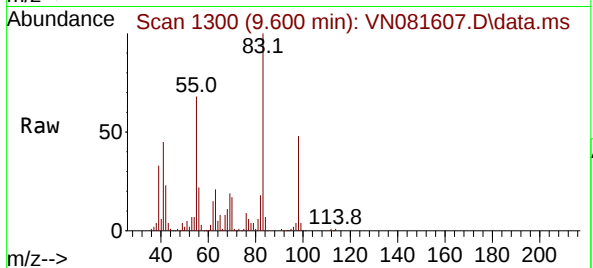
Acq: 29 Mar 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



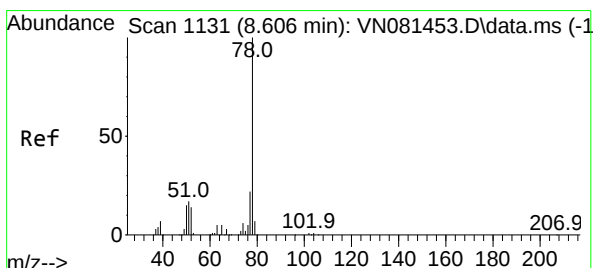
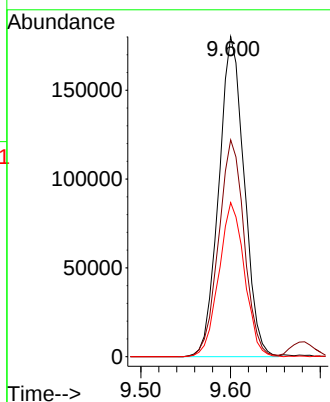
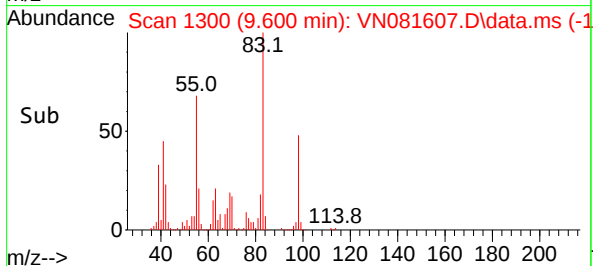
Tgt Ion:	83	Resp:	35308
Ion Ratio	Lower	Upper	
83	100		
55	67.8	65.7	98.5
98	48.1	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#40

Benzene

Concen: 55.053 ug/l

RT: 8.606 min Scan# 1131

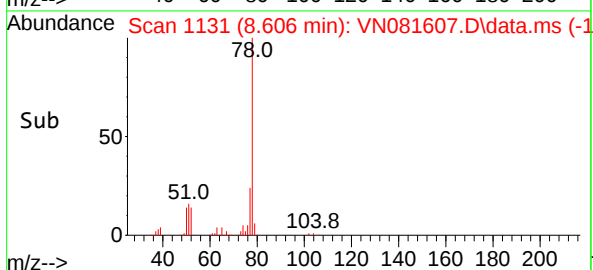
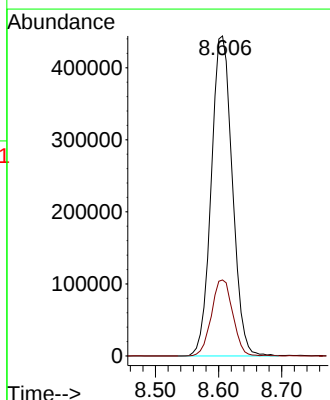
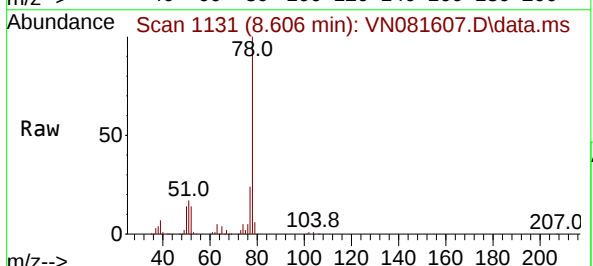
Delta R.T. 0.000 min

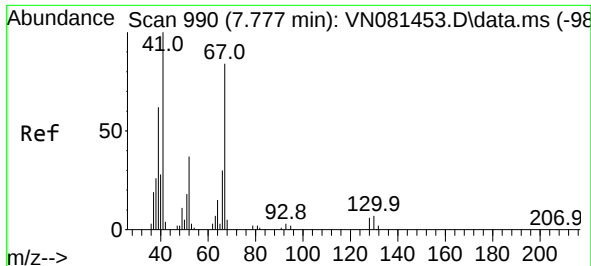
Lab File: VN081607.D

Acq: 29 Mar 2024 11:35

Tgt Ion: 78 Resp: 1028875

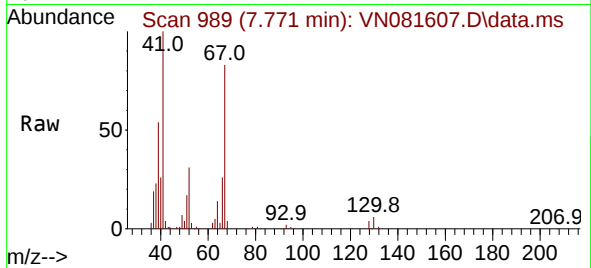
Ion Ratio	Lower	Upper
78	100	
77	23.7	20.4 30.6





#41
Methacrylonitrile
Concen: 49.520 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

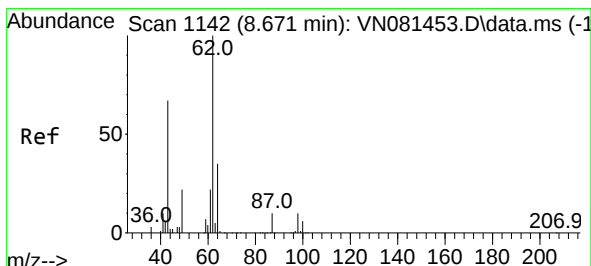
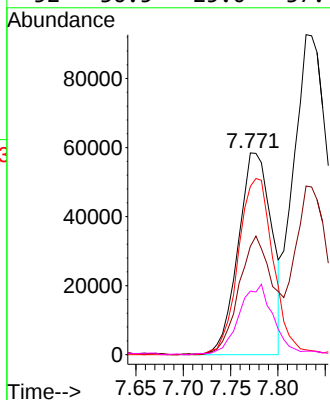
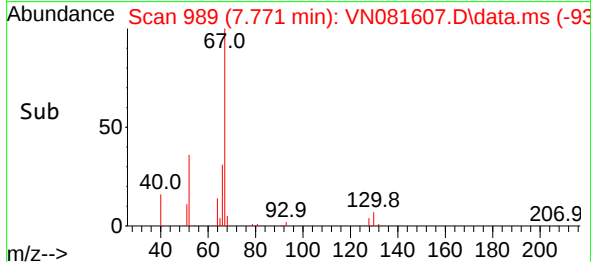
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	143349
Ion Ratio	100	Lower	Upper
41	100		
39	61.4	48.4	72.6
67	92.4	56.8	85.2
52	36.5	25.0	37.4

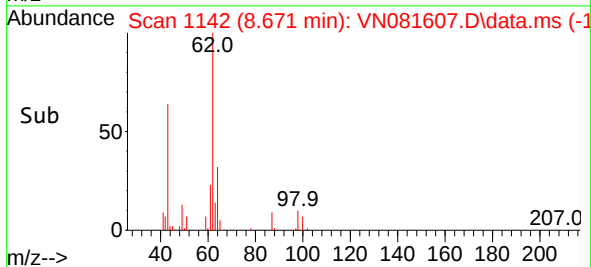
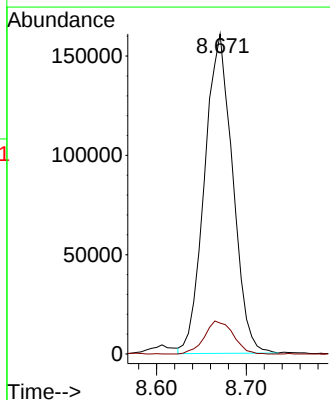
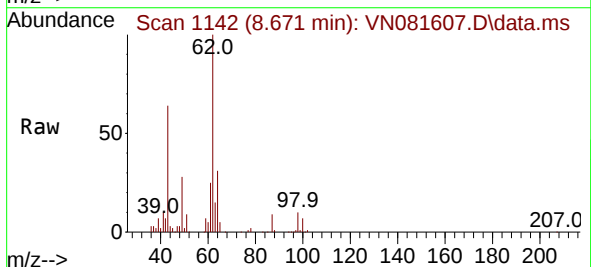
Manual Integrations
APPROVED

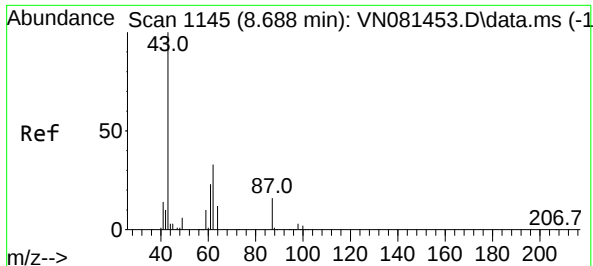
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#42
1,2-Dichloroethane
Concen: 53.134 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Tgt Ion:	62	Resp:	349460
Ion Ratio	100	Lower	Upper
62	100		
98	10.6	0.0	18.0





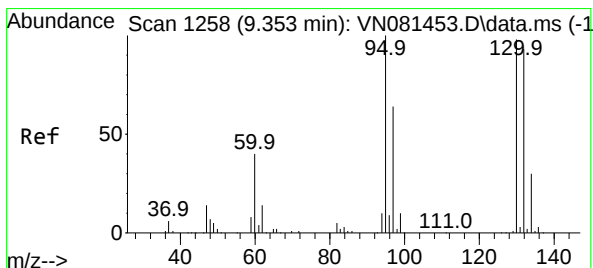
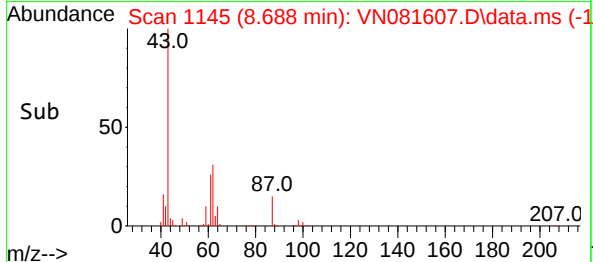
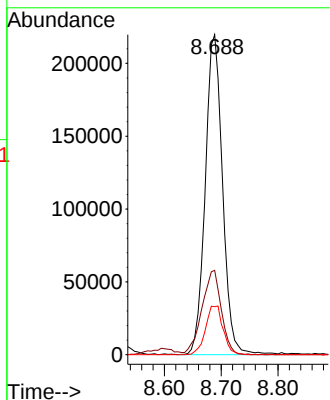
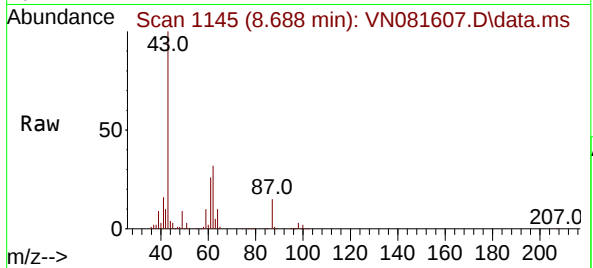
#43
Isopropyl Acetate
Concen: 51.178 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 46436
Ion Ratio Lower Upper
43 100
61 29.5 19.9 29.9
87 15.4 9.0 13.6

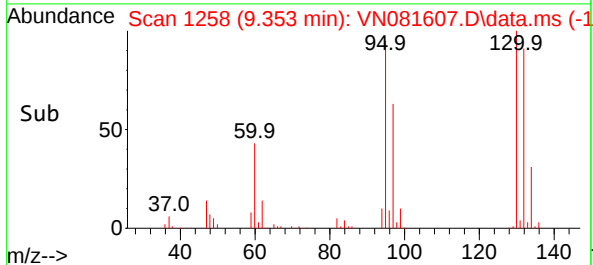
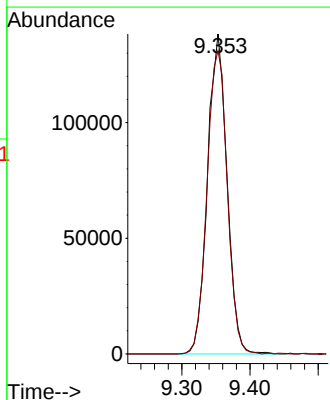
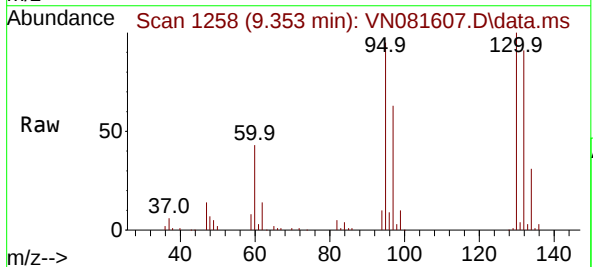
Manual Integrations
APPROVED

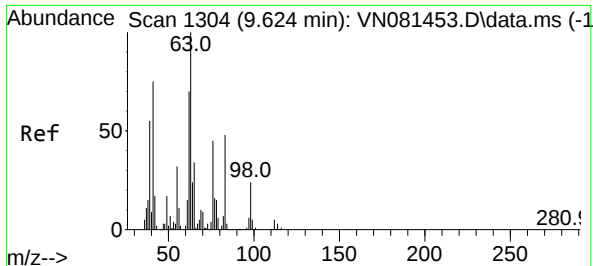
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#44
Trichloroethene
Concen: 52.361 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Tgt Ion:130 Resp: 275224
Ion Ratio Lower Upper
130 100
95 94.8 0.0 210.4





#45

1,2-Dichloropropane

Concen: 57.110 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081607.D

Acq: 29 Mar 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 25866

Ion Ratio Lower Upper

63 100

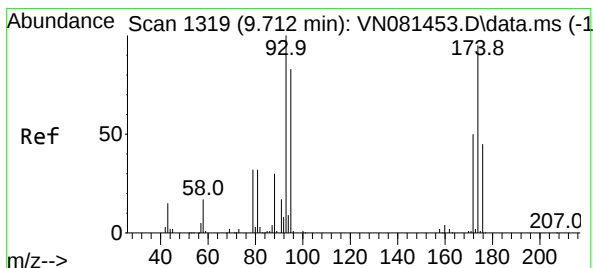
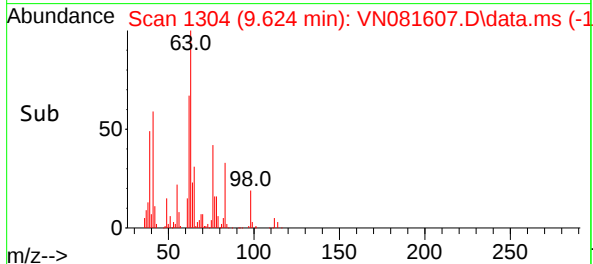
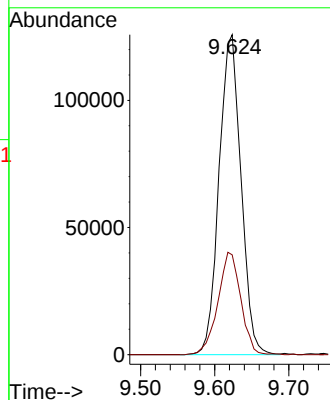
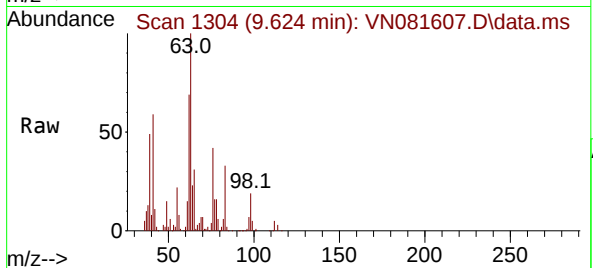
65 31.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#46

Dibromomethane

Concen: 57.139 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081607.D

Acq: 29 Mar 2024 11:35

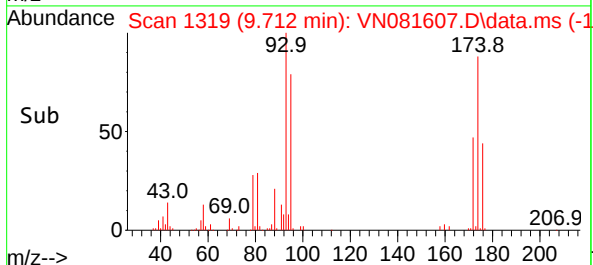
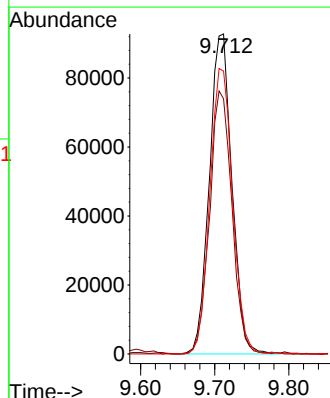
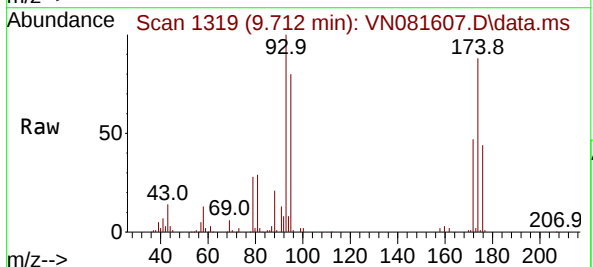
Tgt Ion: 93 Resp: 196536

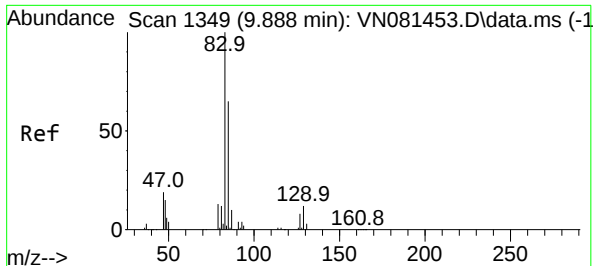
Ion Ratio Lower Upper

93 100

95 81.3 68.1 102.1

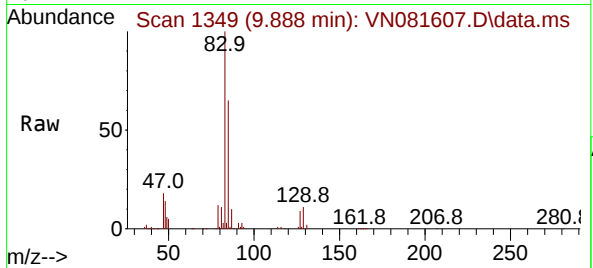
174 89.7 57.2 85.8





#47
Bromodichloromethane
Concen: 59.128 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

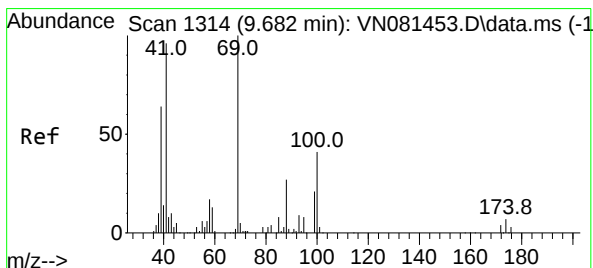
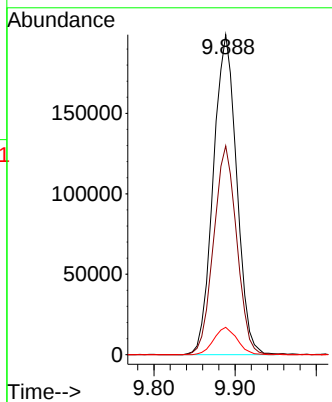
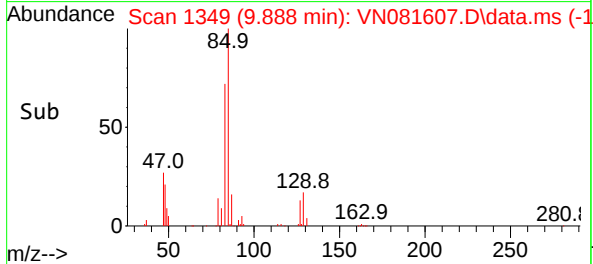
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 397640
Ion Ratio Lower Upper
83 100
85 65.2 52.3 78.5
127 8.6 4.6 7.0

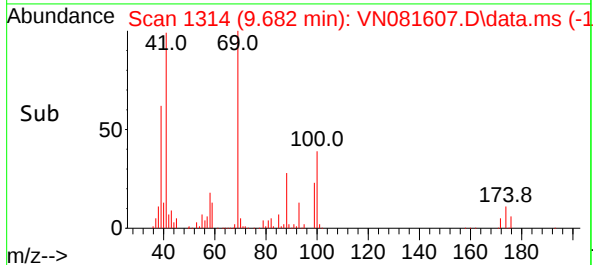
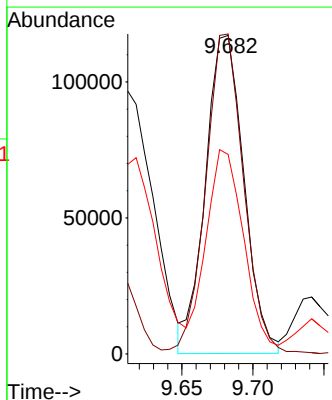
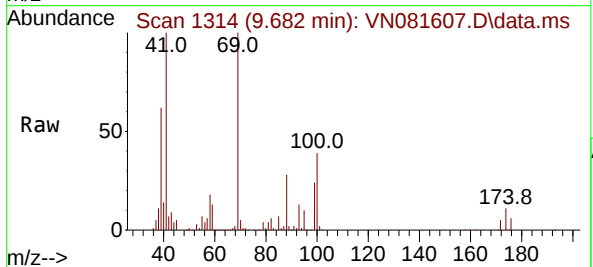
Manual Integrations
APPROVED

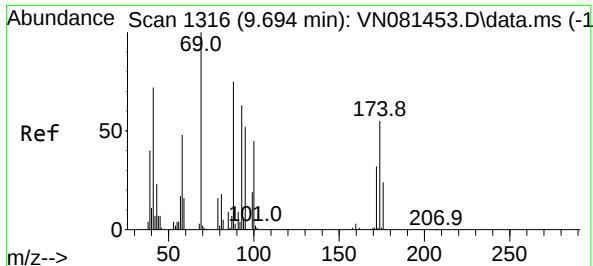
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#48
Methyl methacrylate
Concen: 52.746 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Tgt Ion: 41 Resp: 220744
Ion Ratio Lower Upper
41 100
69 99.3 62.2 93.2#
39 63.1 47.6 71.4





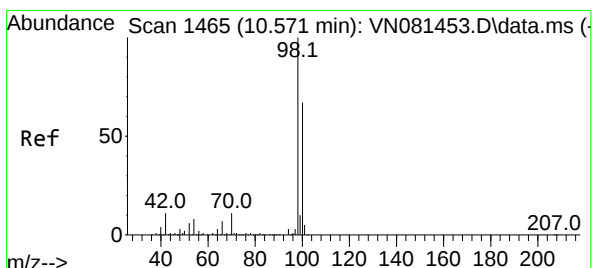
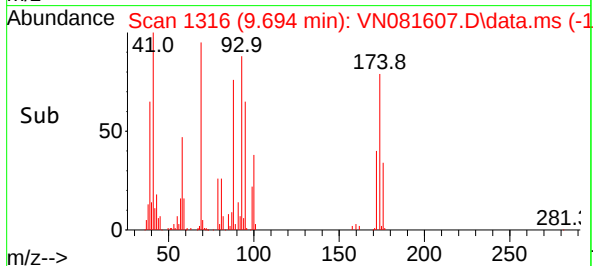
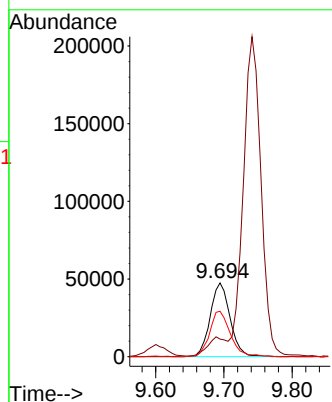
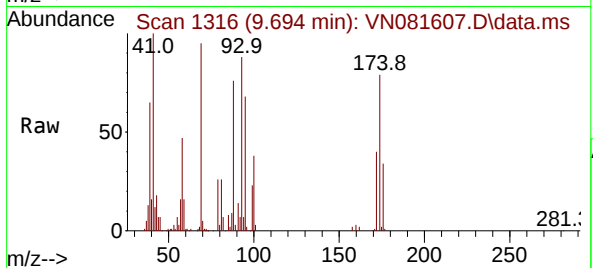
#49
1,4-Dioxane
Concen: 956.916 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 96240
Ion Ratio Lower Upper
88 100
43 25.9 30.1 45.1
58 64.3 63.9 95.9

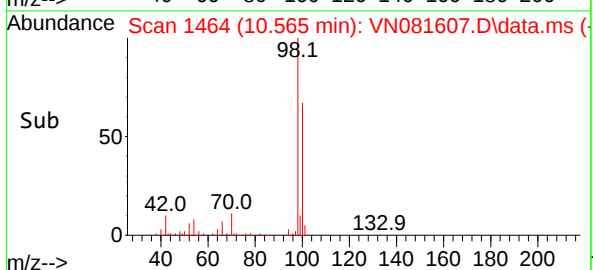
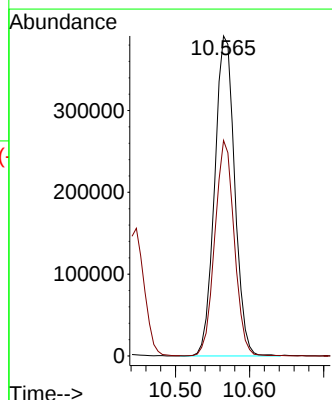
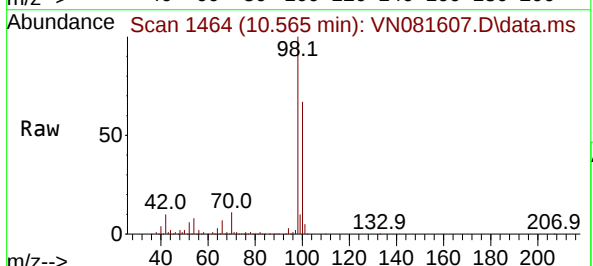
Manual Integrations
APPROVED

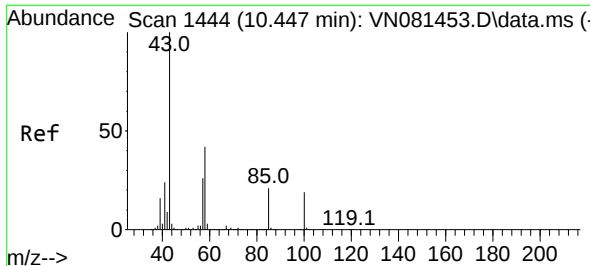
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#50
Toluene-d8
Concen: 53.435 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

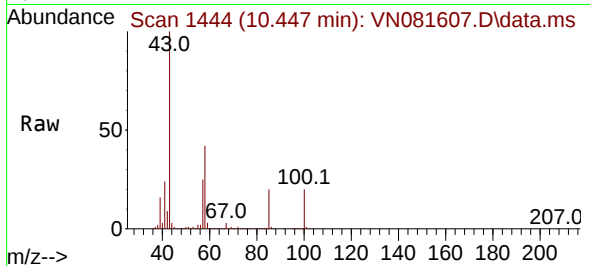
Tgt Ion: 98 Resp: 733722
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 262.743 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

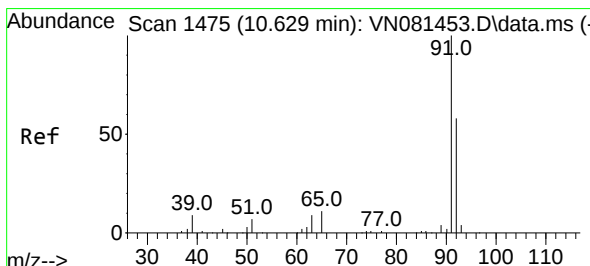
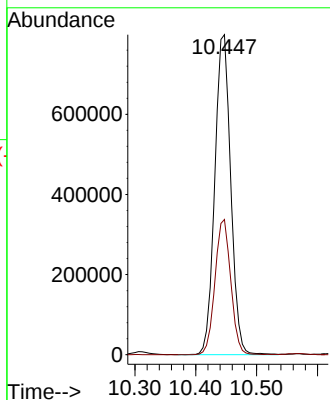
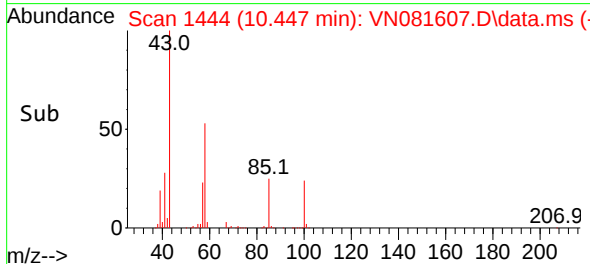
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1454694
Ion Ratio Lower Upper
43 100
58 41.7 29.4 44.0

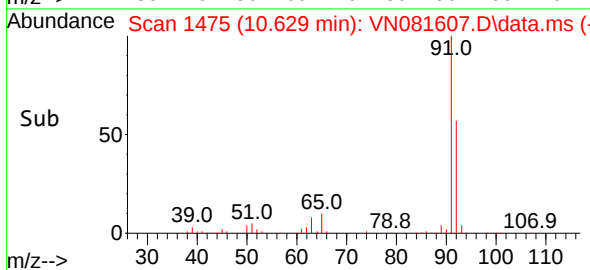
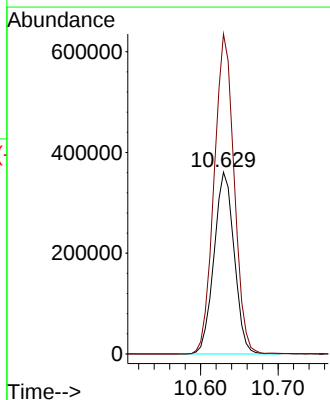
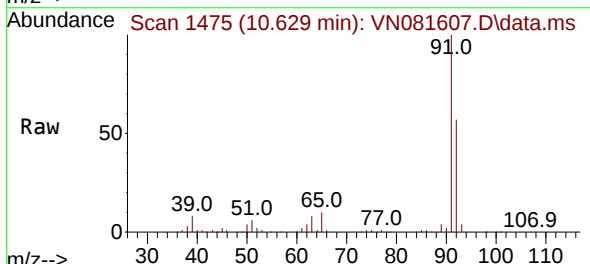
Manual Integrations
APPROVED

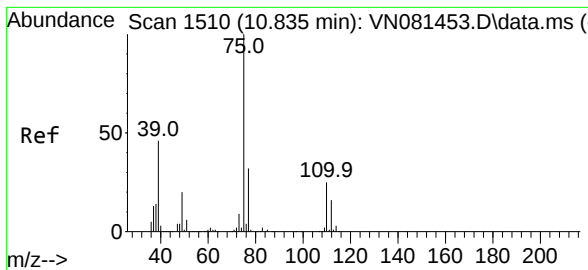
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#52
Toluene
Concen: 55.000 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Tgt Ion: 92 Resp: 653311
Ion Ratio Lower Upper
92 100
91 174.8 139.4 209.0





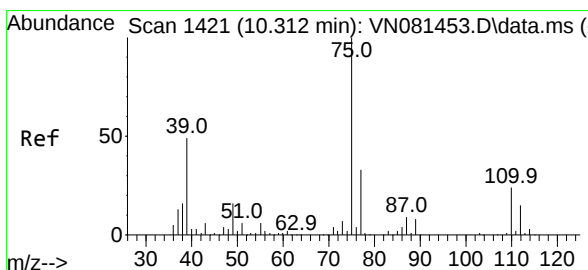
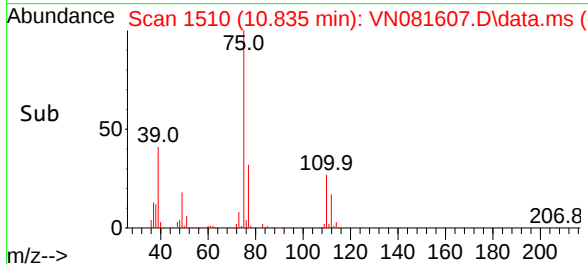
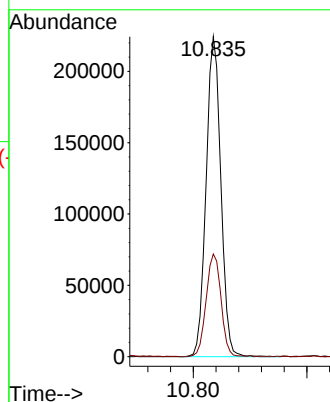
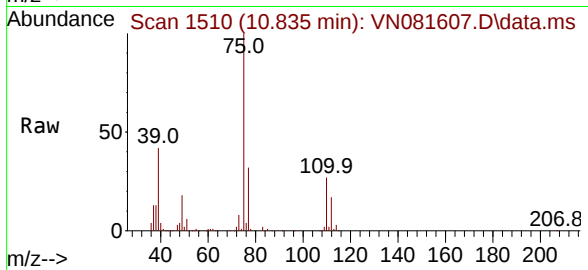
#53
t-1,3-Dichloropropene
Concen: 55.385 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 402192
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3

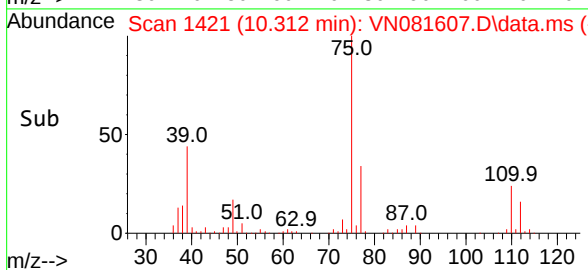
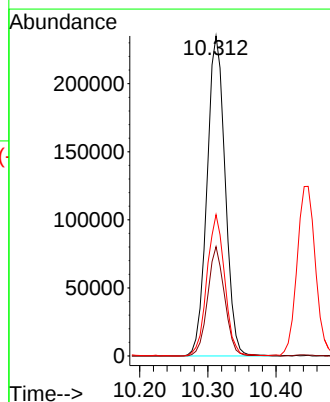
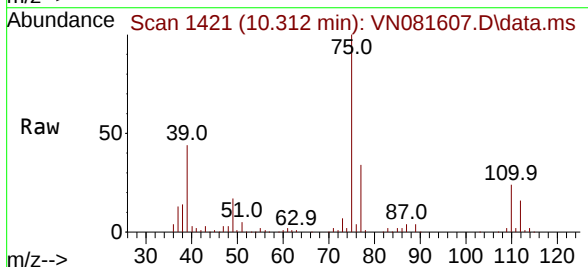
Manual Integrations
APPROVED

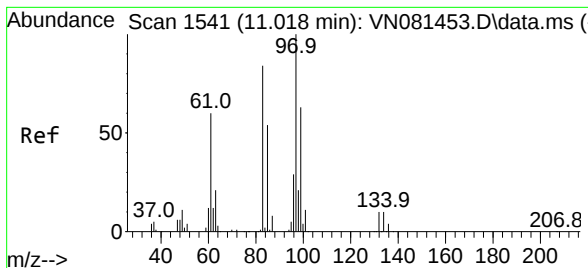
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#54
cis-1,3-Dichloropropene
Concen: 55.954 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

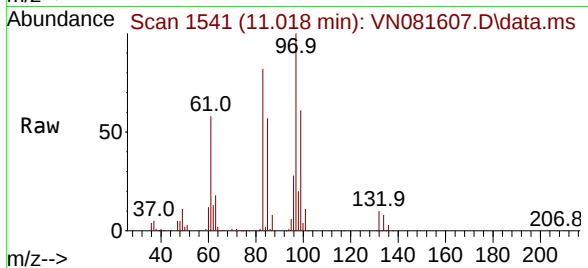
Tgt Ion: 75 Resp: 435647
Ion Ratio Lower Upper
75 100
77 34.2 23.3 34.9
39 44.1 44.6 66.8#





#55
1,1,2-Trichloroethane
Concen: 58.118 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

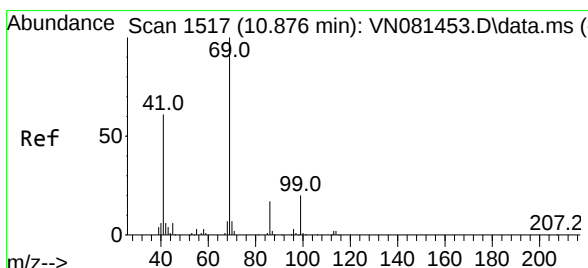
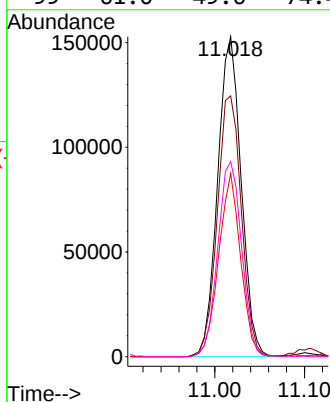
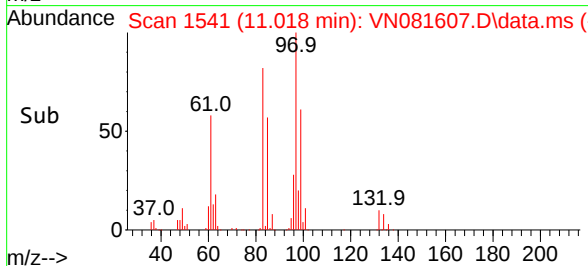
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



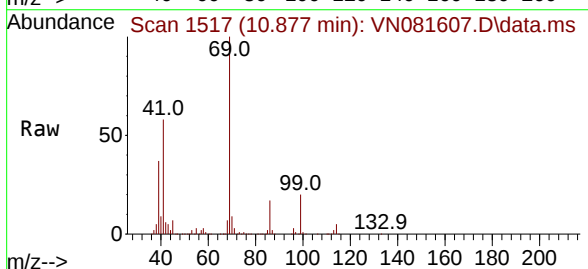
Tgt Ion: 97 Resp: 277820
Ion Ratio Lower Upper
97 100
83 81.5 72.9 109.3
85 57.2 50.2 75.2
99 61.0 49.6 74.4

Manual Integrations
APPROVED

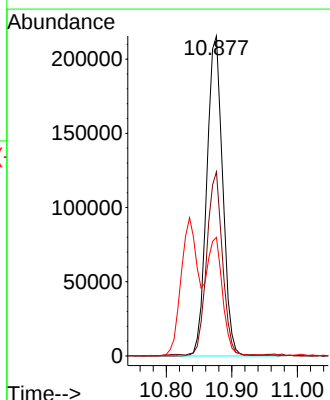
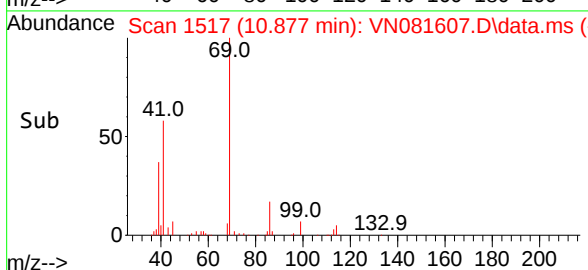
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

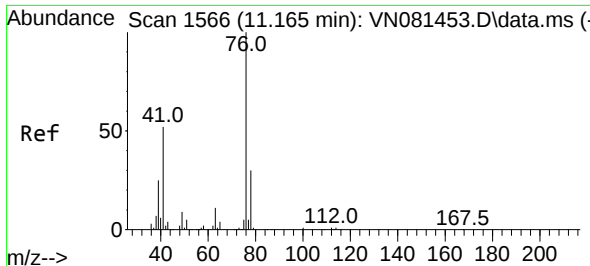


#56
Ethyl methacrylate
Concen: 50.969 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35



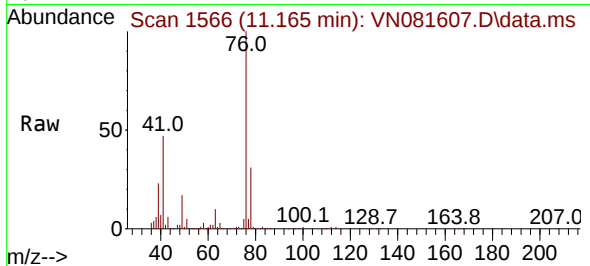
Tgt Ion: 69 Resp: 363501
Ion Ratio Lower Upper
69 100
41 56.4 61.0 91.6#
39 37.1 31.8 47.6





#57
1,3-Dichloropropane
Concen: 57.354 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

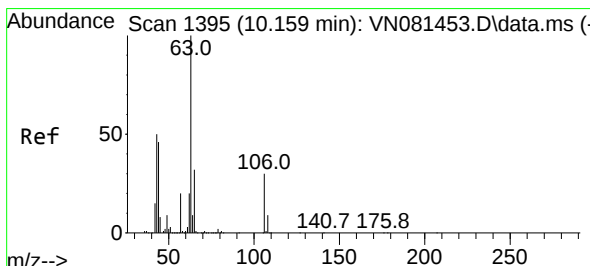
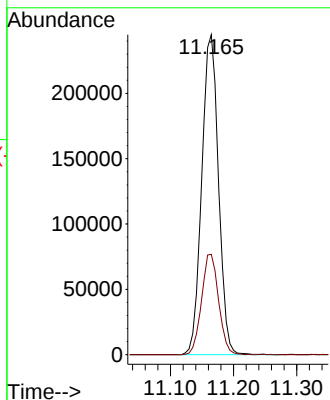
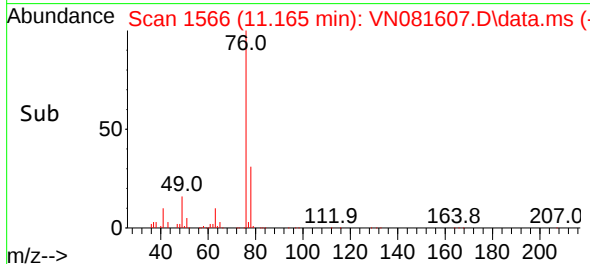
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 449460
Ion Ratio Lower Upper
76 100
78 32.0 25.5 38.3

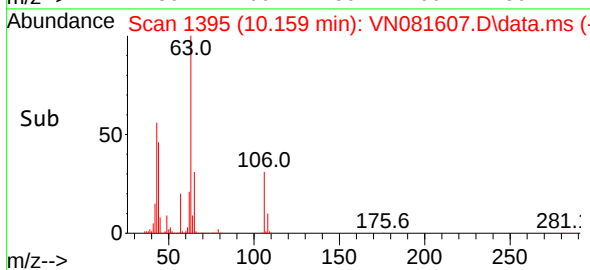
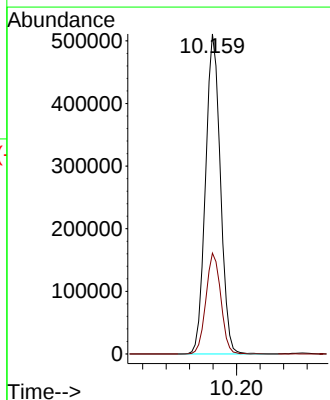
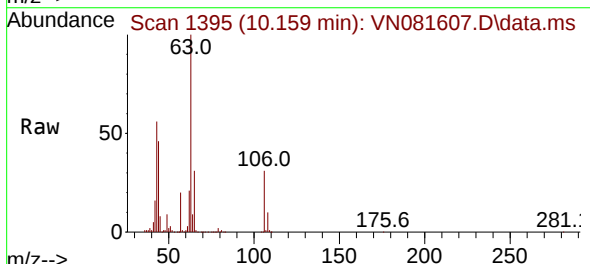
Manual Integrations
APPROVED

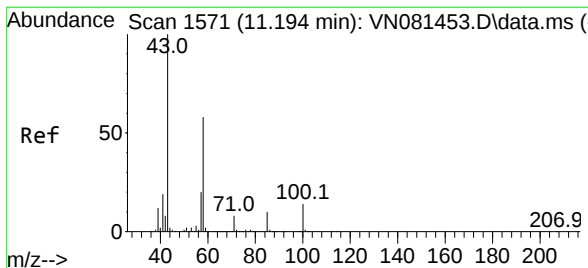
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#58
2-Chloroethyl Vinyl ether
Concen: 297.377 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

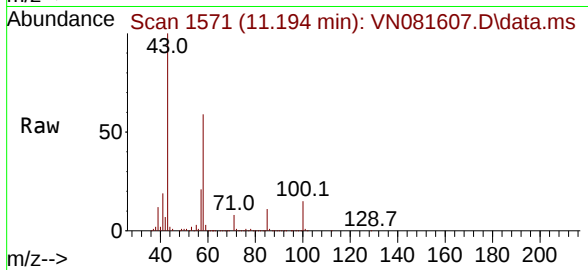
Tgt Ion: 63 Resp: 894491
Ion Ratio Lower Upper
63 100
106 31.5 18.6 28.0#





#59
2-Hexanone
Concen: 258.273 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

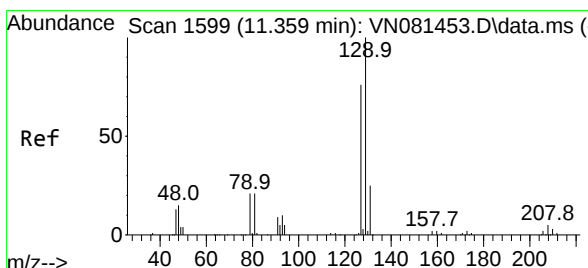
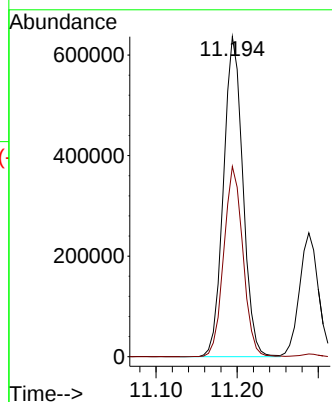
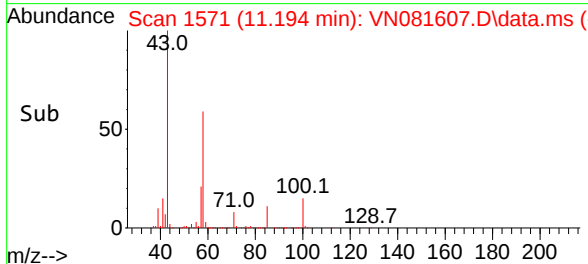
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1057210
Ion Ratio Lower Upper
43 100
58 58.5 25.9 77.8

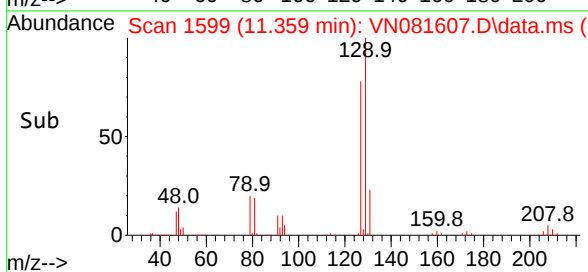
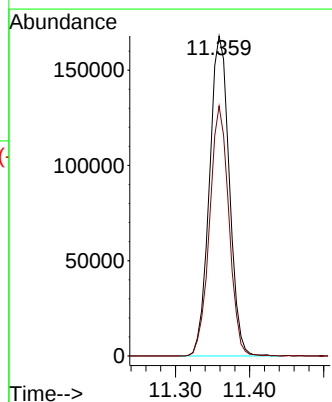
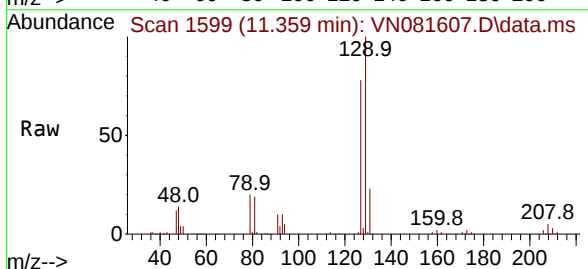
Manual Integrations
APPROVED

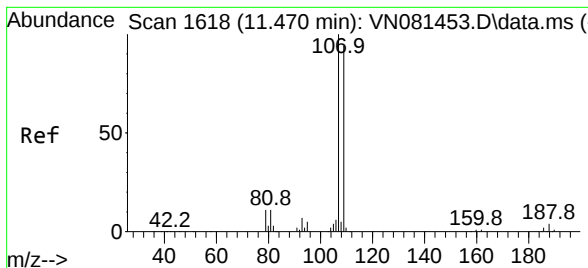
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#60
Dibromochloromethane
Concen: 59.466 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

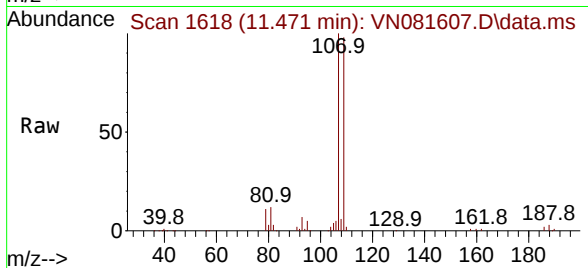
Tgt Ion:129 Resp: 312631
Ion Ratio Lower Upper
129 100
127 75.9 39.4 118.2





#61
1,2-Dibromoethane
Concen: 55.294 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

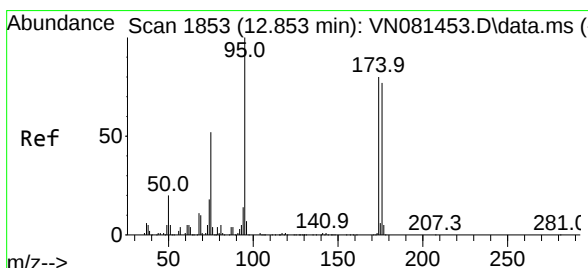
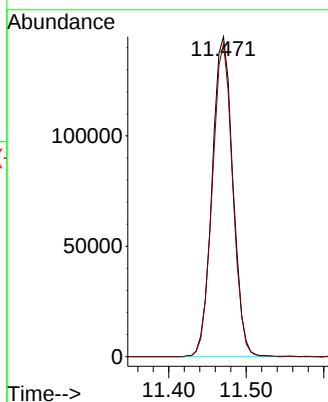
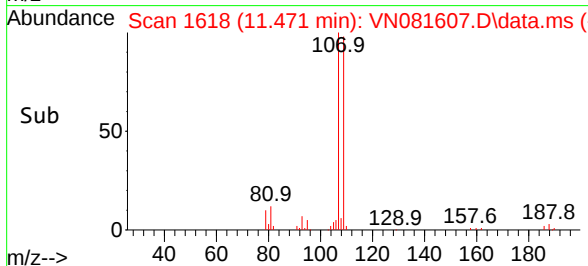
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



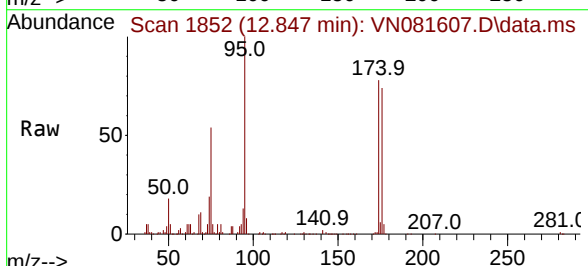
Tgt Ion:107 Resp: 269488
Ion Ratio Lower Upper
107 100
109 96.3 73.4 110.2

Manual Integrations
APPROVED

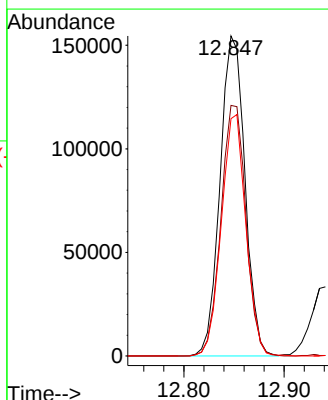
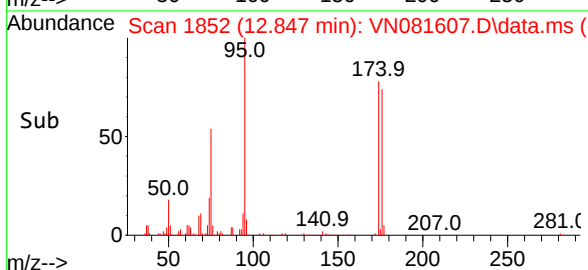
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

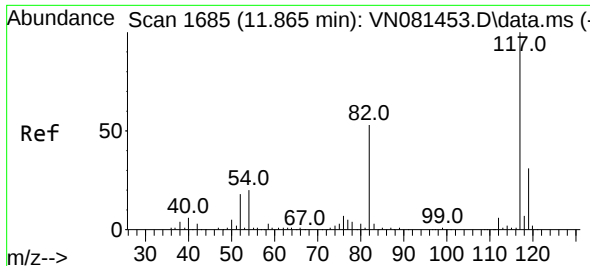


#62
4-Bromofluorobenzene
Concen: 55.004 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35



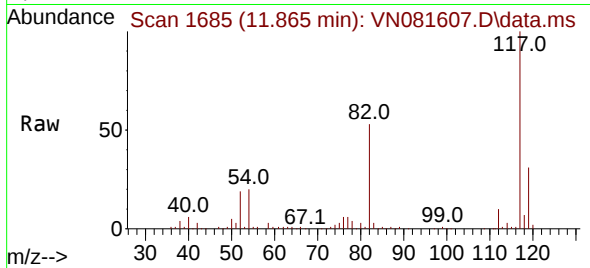
Tgt Ion: 95 Resp: 266129
Ion Ratio Lower Upper
95 100
174 78.7 0.0 120.4
176 74.5 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

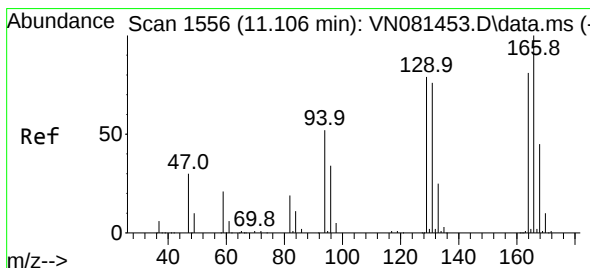
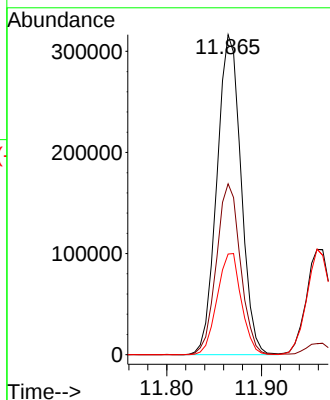
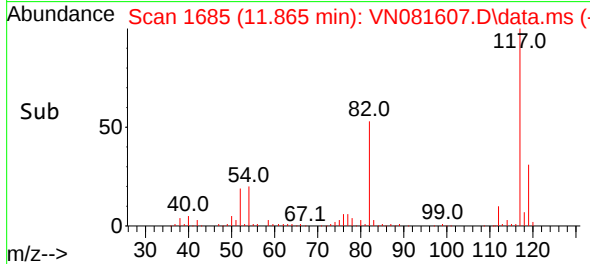
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



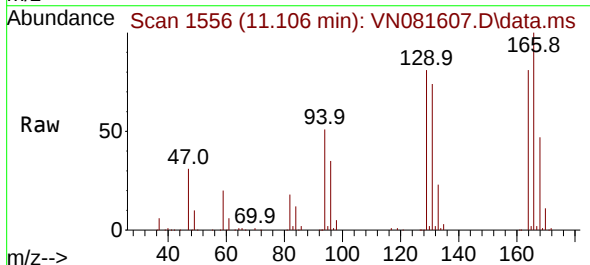
Tgt Ion:117 Resp: 56031
Ion Ratio Lower Upper
117 100
82 53.4 52.7 79.1
119 31.5 25.3 37.9

Manual Integrations
APPROVED

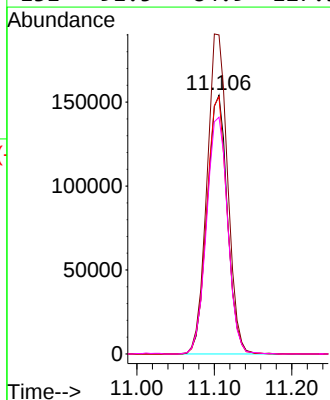
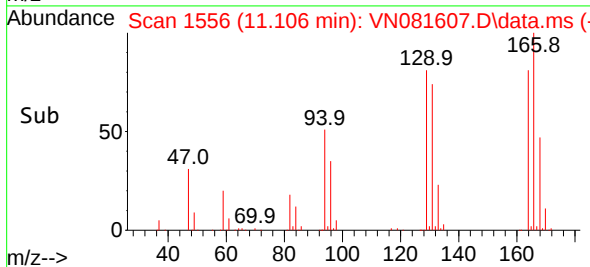
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

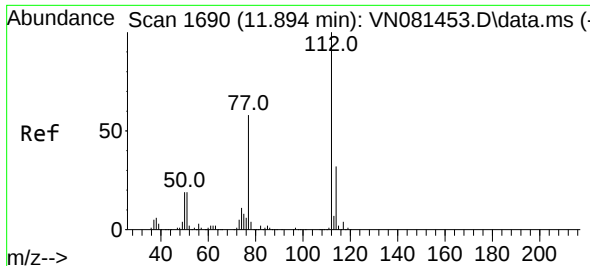


#64
Tetrachloroethene
Concen: 52.636 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35



Tgt Ion:164 Resp: 281912
Ion Ratio Lower Upper
164 100
166 123.3 105.8 158.6
129 99.4 89.6 134.4
131 91.5 84.9 127.3





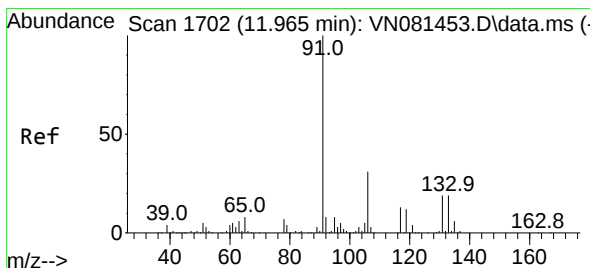
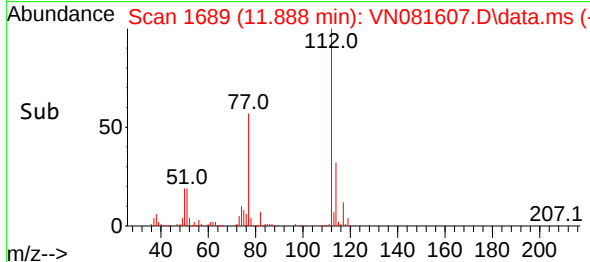
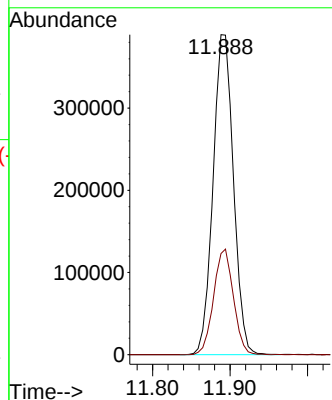
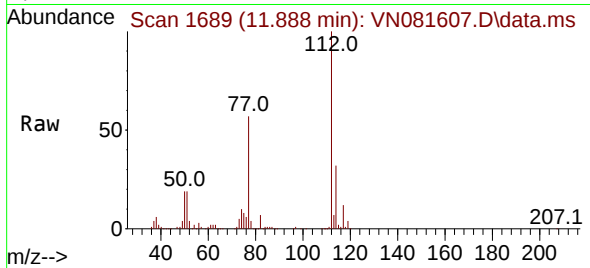
#65
Chlorobenzene
Concen: 53.663 ug/l
RT: 11.888 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 710814
Ion Ratio Lower Upper
112 100
114 31.6 23.7 35.5

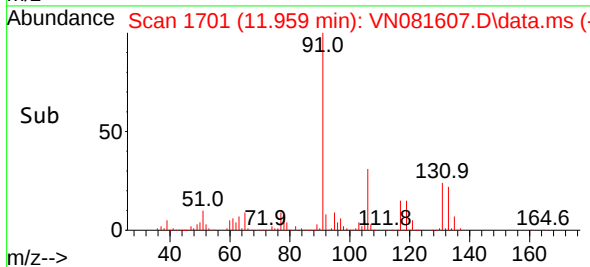
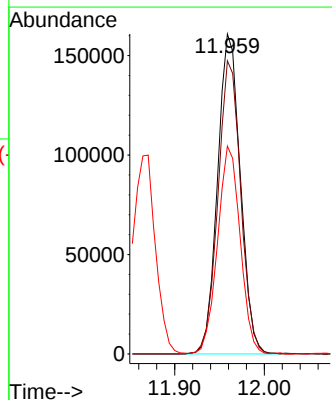
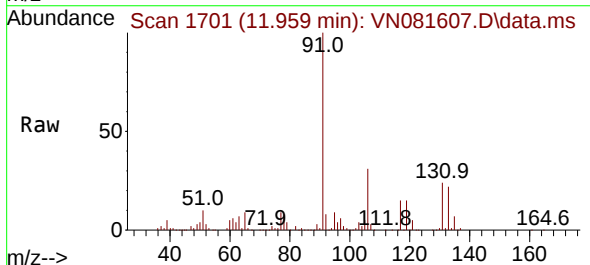
Manual Integrations
APPROVED

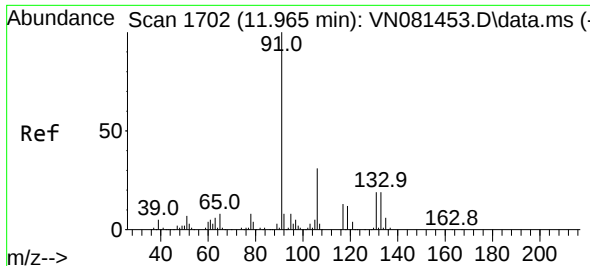
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 57.662 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Tgt Ion:131 Resp: 283079
Ion Ratio Lower Upper
131 100
133 91.9 46.8 140.3
119 64.3 34.6 103.9





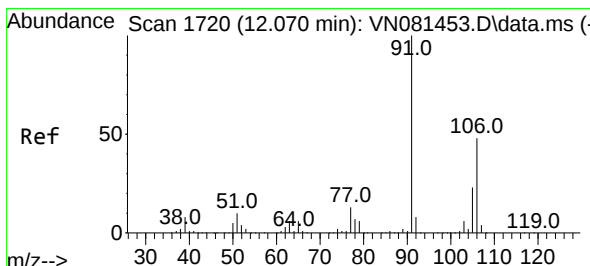
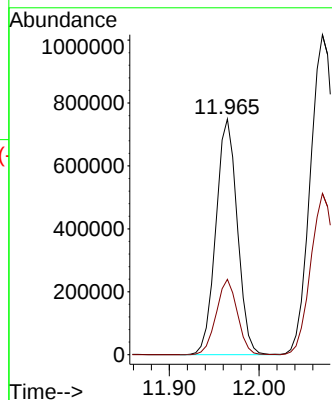
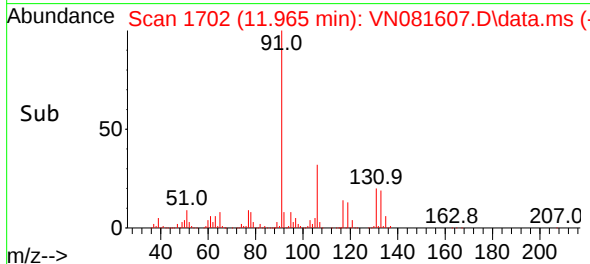
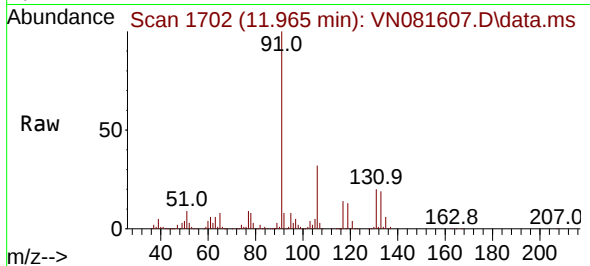
#67
Ethyl Benzene
Concen: 53.957 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1241485
Ion Ratio Lower Upper
91 100
106 32.0 23.8 35.6

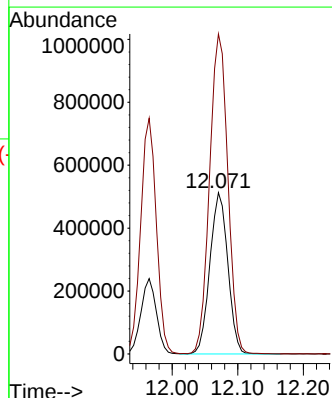
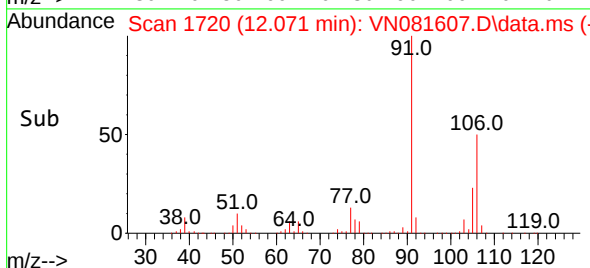
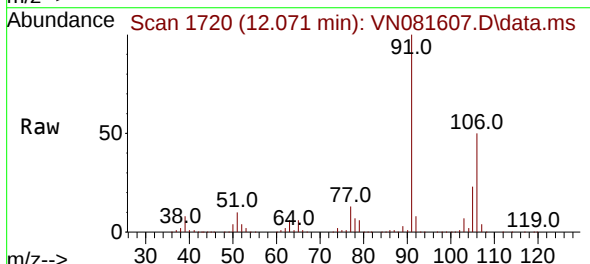
Manual Integrations
APPROVED

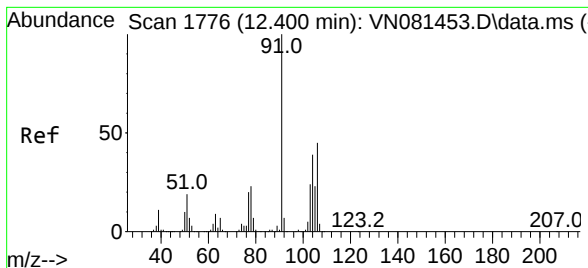
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#68
m/p-Xylenes
Concen: 112.674 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Tgt Ion:106 Resp: 971895
Ion Ratio Lower Upper
106 100
91 202.1 169.0 253.6





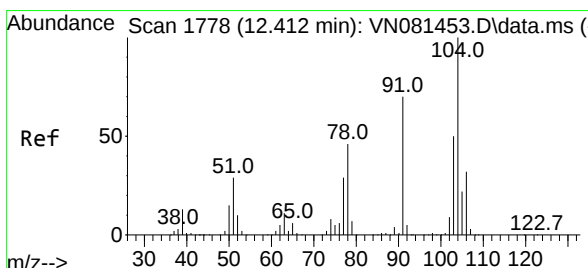
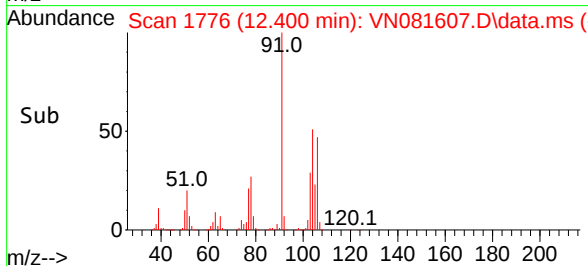
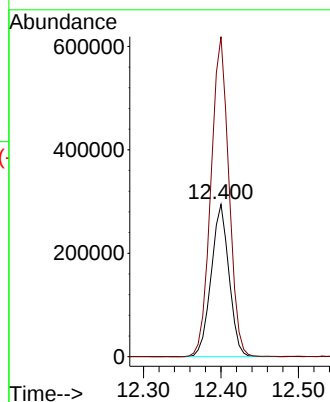
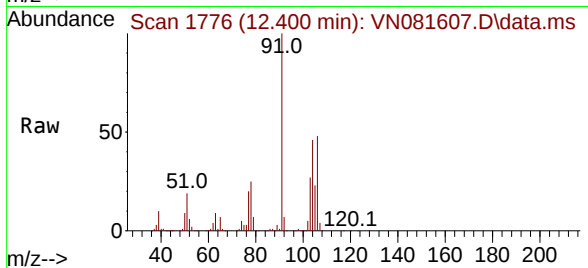
#69
o-Xylene
Concen: 55.573 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 470594
Ion Ratio Lower Upper
106 100
91 212.1 112.1 336.3

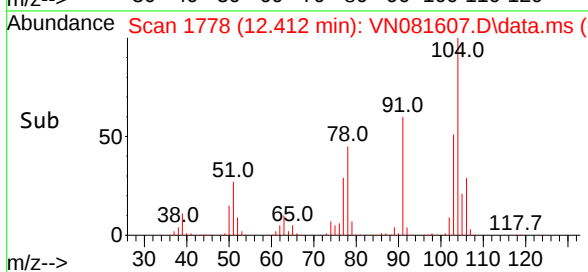
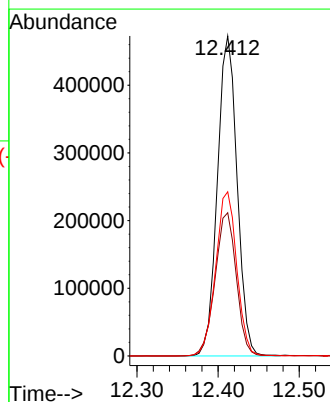
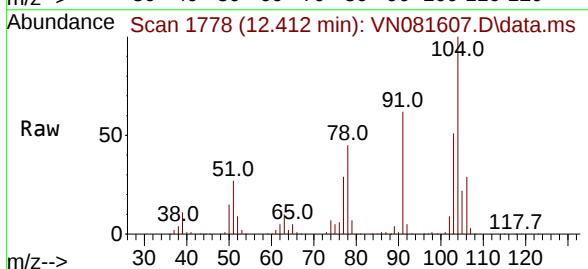
Manual Integrations
APPROVED

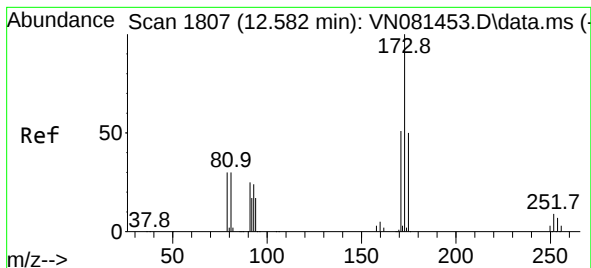
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#70
Styrene
Concen: 58.489 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Tgt Ion:104 Resp: 798803
Ion Ratio Lower Upper
104 100
78 48.2 43.8 65.8
103 55.0 44.2 66.2





#71

Bromoform

Concen: 55.603 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081607.D

Acq: 29 Mar 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

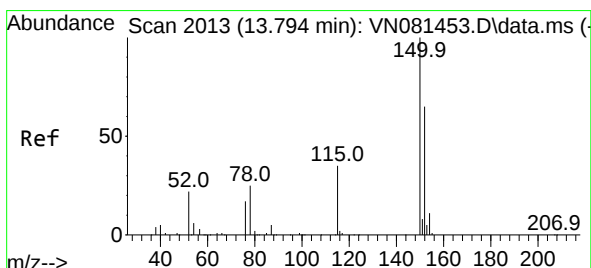
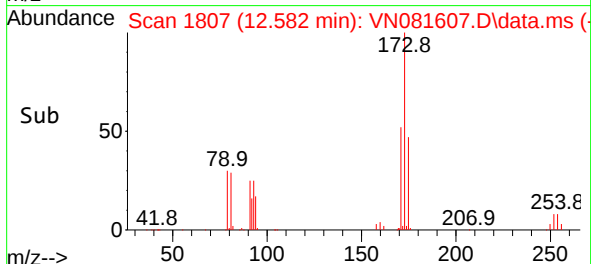
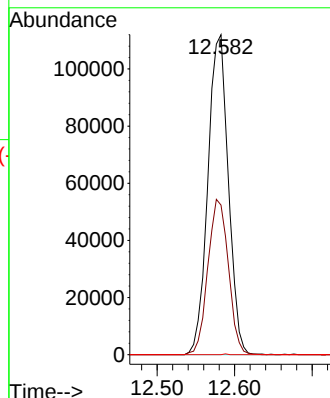
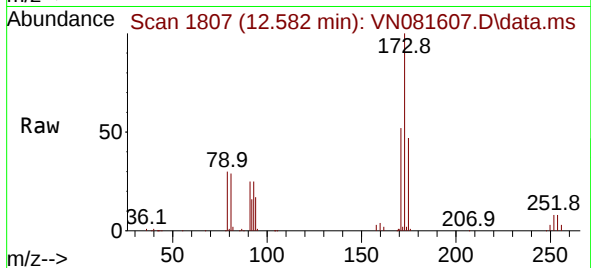
Tgt Ion:173 Resp: 205123
 Ion Ratio Lower Upper
 173 100
 175 48.7 23.1 69.2
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

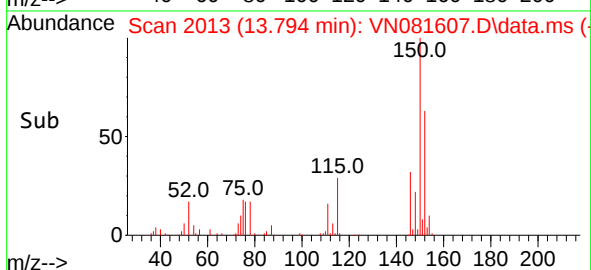
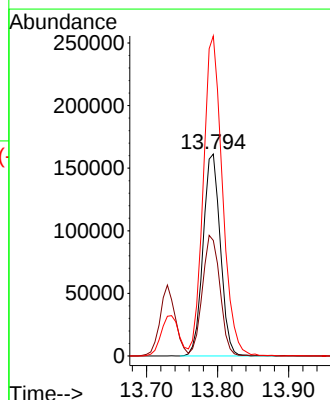
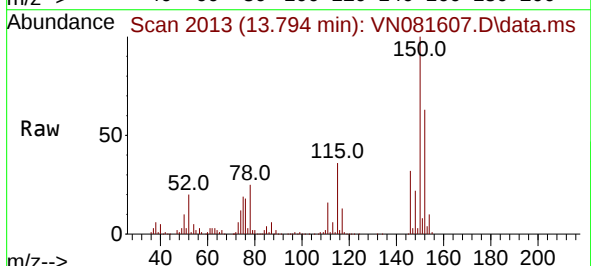
RT: 13.794 min Scan# 2013

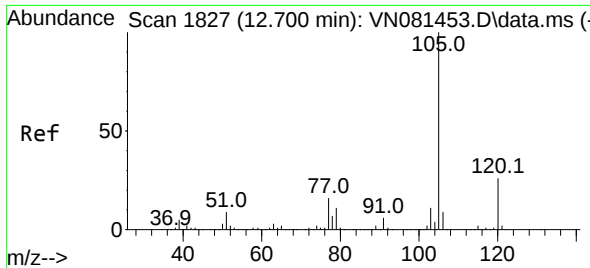
Delta R.T. 0.000 min

Lab File: VN081607.D

Acq: 29 Mar 2024 11:35

Tgt Ion:152 Resp: 273150
 Ion Ratio Lower Upper
 152 100
 115 60.7 32.3 96.8
 150 175.4 0.0 339.8





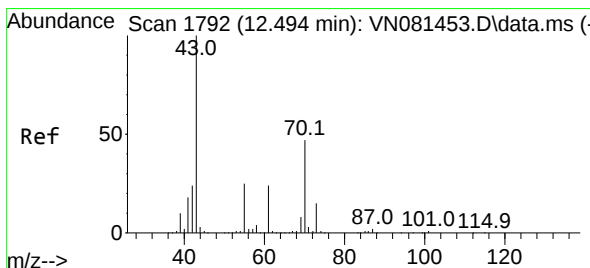
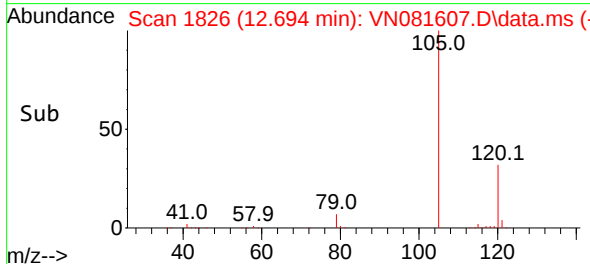
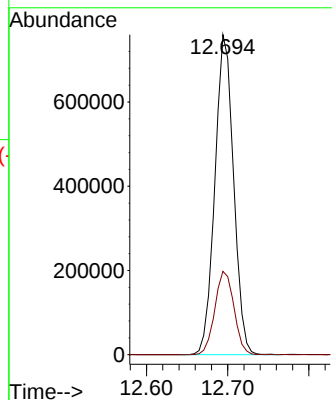
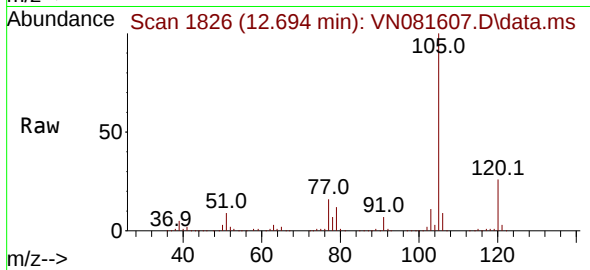
#73
Isopropylbenzene
Concen: 52.207 ug/l
RT: 12.694 min Scan# 1827
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 121556
Ion Ratio Lower Upper
105 100
120 26.7 12.6 37.6

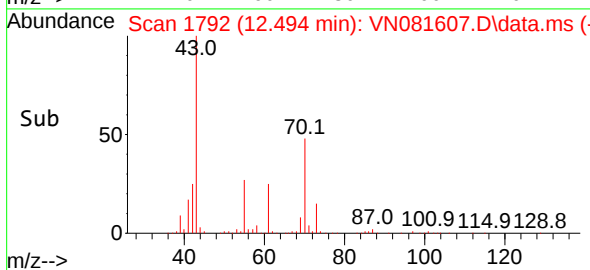
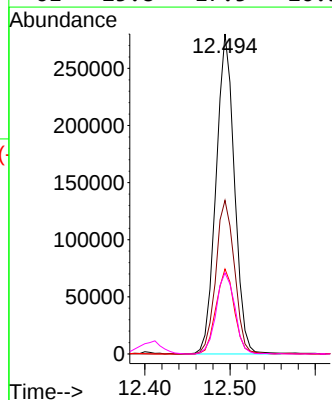
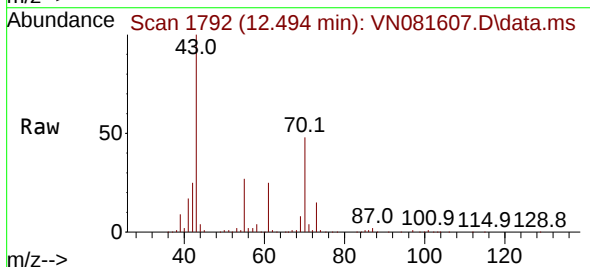
Manual Integrations
APPROVED

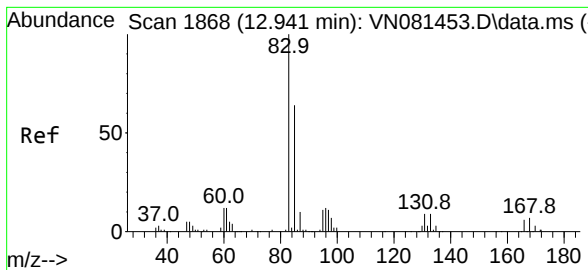
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#74
N-ethyl acetate
Concen: 49.955 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

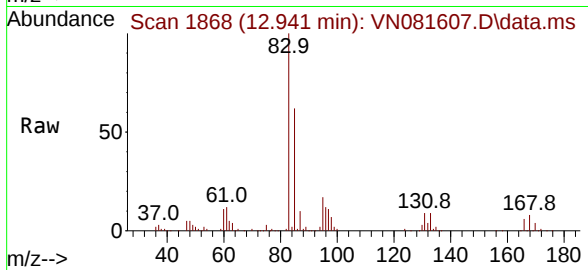
Tgt Ion: 43 Resp: 420925
Ion Ratio Lower Upper
43 100
70 48.8 30.1 45.1#
55 26.4 17.0 25.4#
61 25.8 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 50.254 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

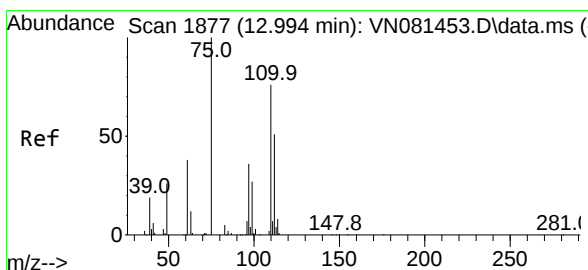
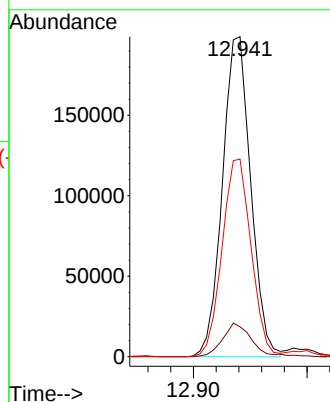
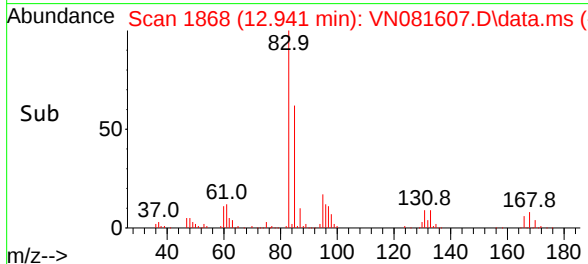
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



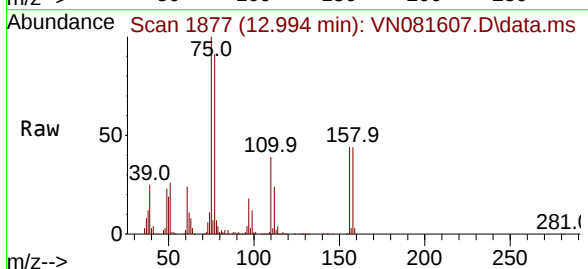
Tgt Ion: 83 Resp: 344025
Ion Ratio Lower Upper
83 100
131 10.8 4.1 12.3
85 63.3 32.1 96.3

Manual Integrations
APPROVED

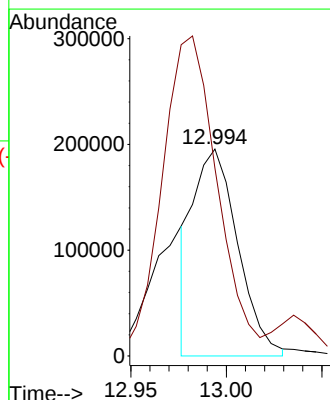
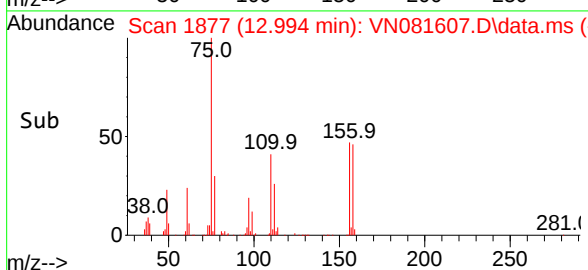
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

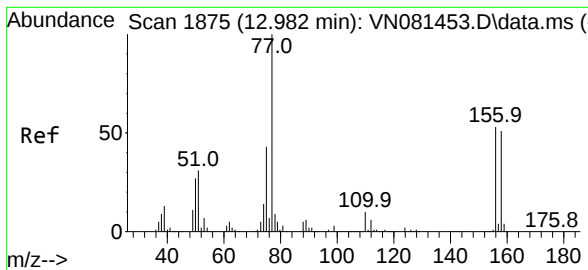


#76
1,2,3-Trichloropropane
Concen: 48.381 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35



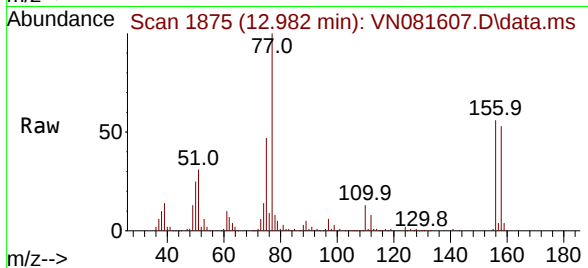
Tgt Ion: 75 Resp: 316116
Ion Ratio Lower Upper
75 100
77 192.6 91.0 272.8





#77
Bromobenzene
Concen: 50.989 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

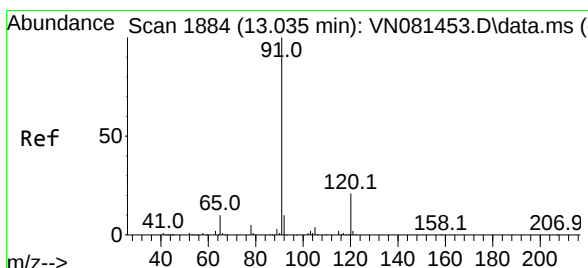
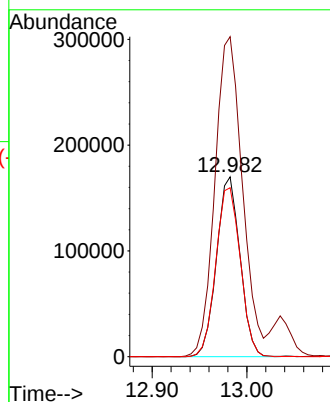
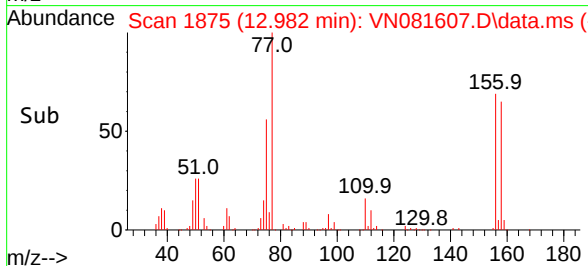
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



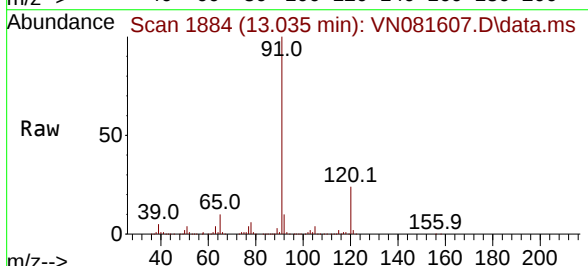
Tgt Ion:156 Resp: 293275
Ion Ratio Lower Upper
156 100
77 207.6 138.1 414.3
158 98.1 46.5 139.5

Manual Integrations
APPROVED

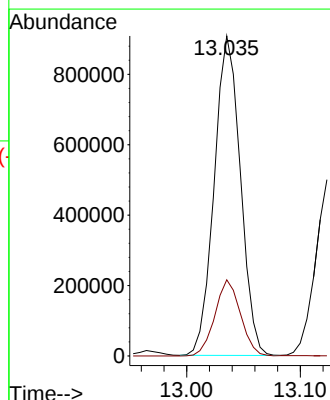
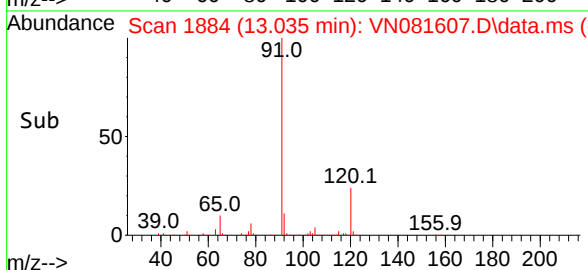
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

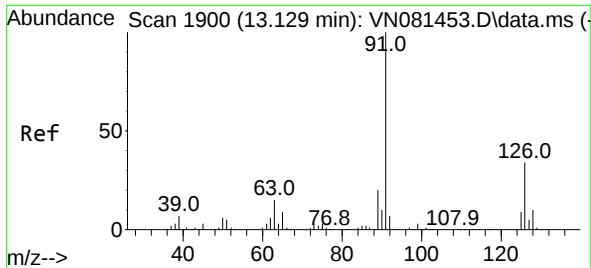


#78
n-propylbenzene
Concen: 52.821 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35



Tgt Ion: 91 Resp: 1452399
Ion Ratio Lower Upper
91 100
120 23.3 10.3 30.9





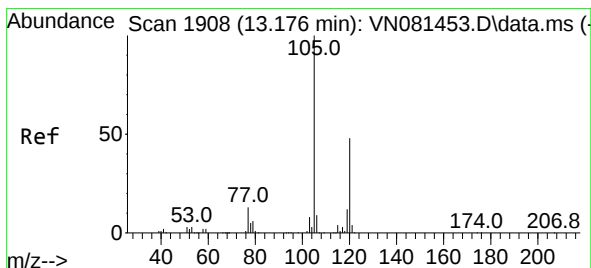
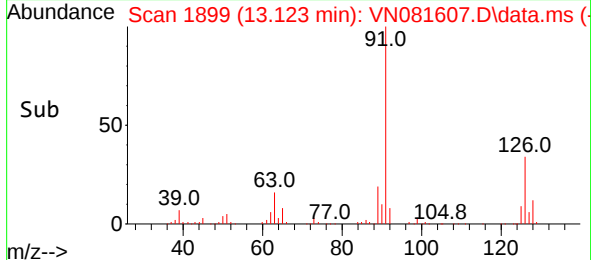
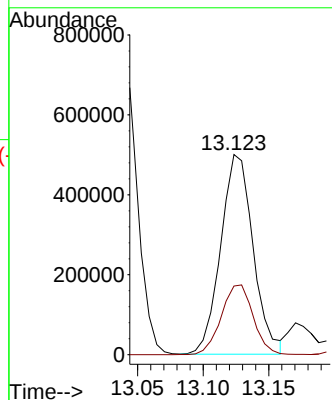
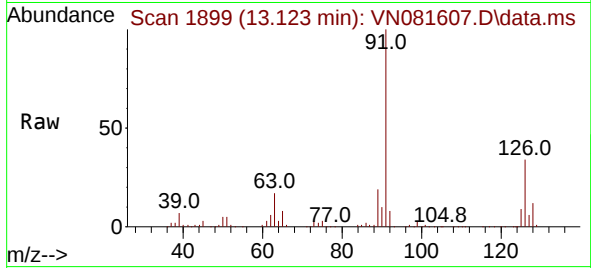
#79
2-Chlorotoluene
Concen: 52.343 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 861418
Ion Ratio Lower Upper
91 100
126 34.4 14.8 44.4

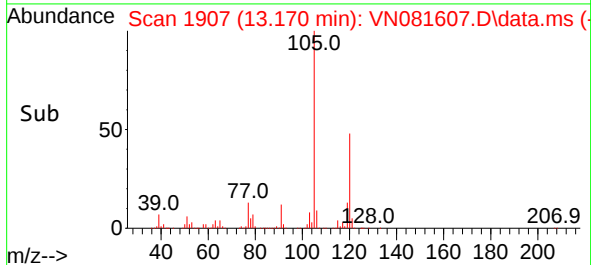
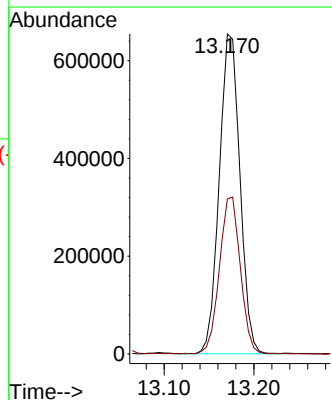
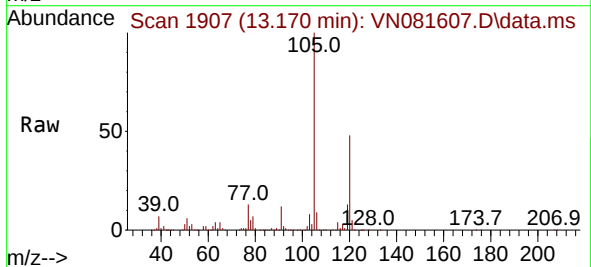
Manual Integrations
APPROVED

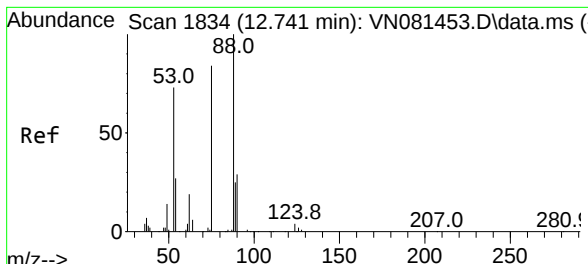
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 54.456 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Tgt Ion:105 Resp: 1047247
Ion Ratio Lower Upper
105 100
120 49.8 23.0 69.0





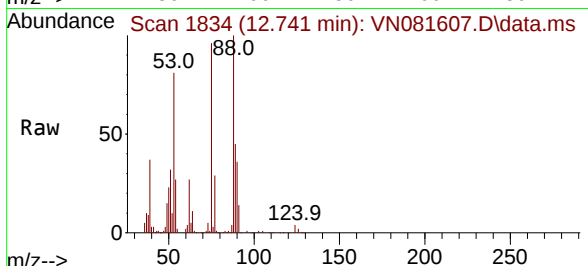
#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.189 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN081607.D
 Acq: 29 Mar 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



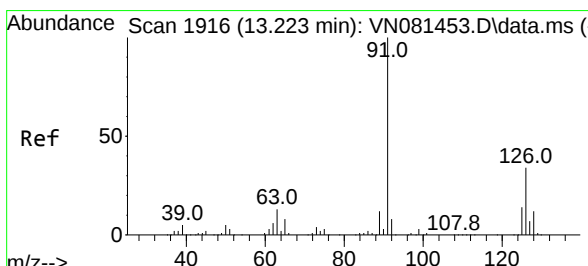
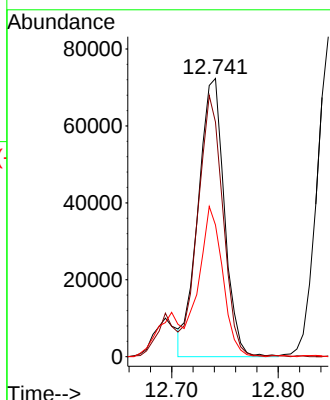
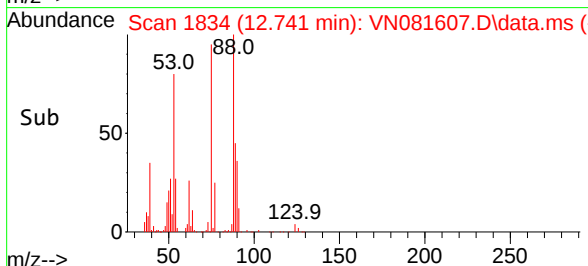
Tgt Ion:	75	Resp:	123768
Ion	Ratio	Lower	Upper
75	100		
53	89.3	71.4	107.2
89	48.6	33.4	50.0

Manual Integrations

APPROVED

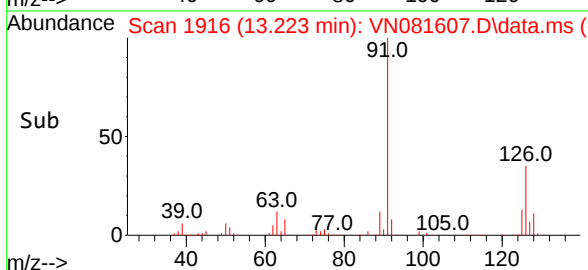
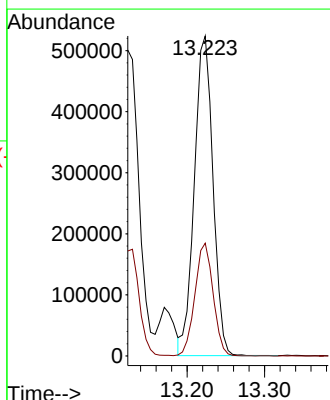
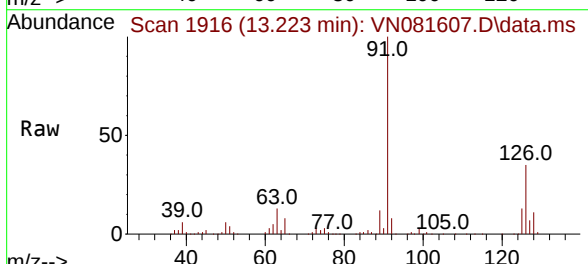
Reviewed By :John Carlone 04/01/2024

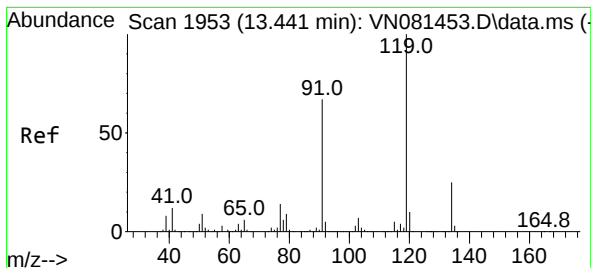
Supervised By :Mahesh Dadoda 04/01/2024



#82
 4-Chlorotoluene
 Concen: 53.705 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN081607.D
 Acq: 29 Mar 2024 11:35

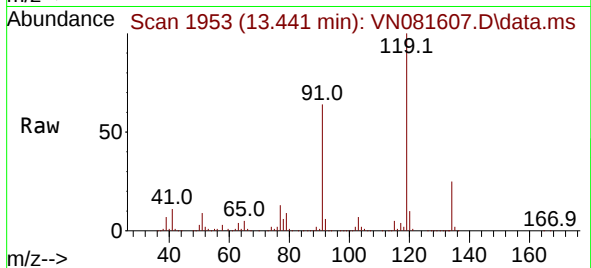
Tgt Ion:	91	Resp:	871383
Ion	Ratio	Lower	Upper
91	100		
126	34.7	15.3	45.9





#83
tert-Butylbenzene
Concen: 53.160 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

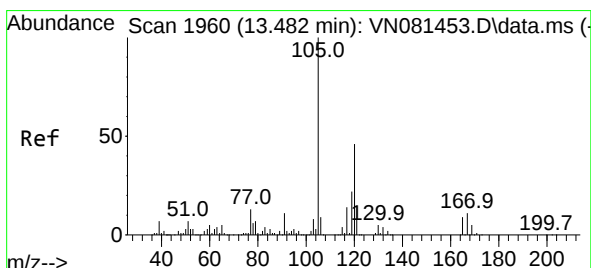
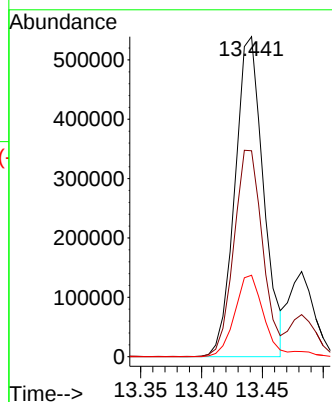
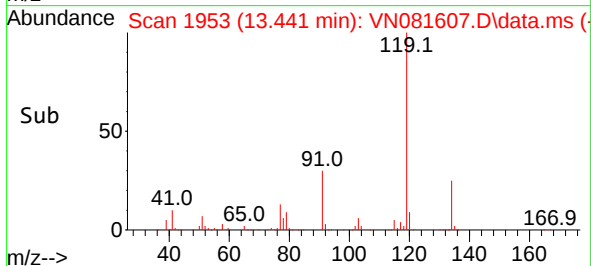
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



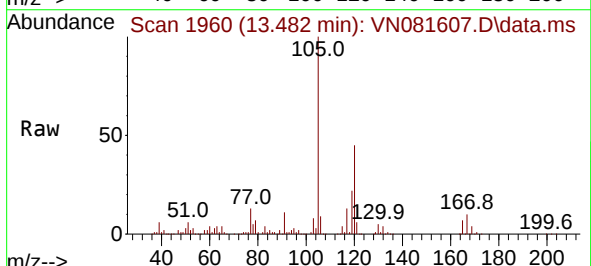
Tgt Ion:119 Resp: 881582
Ion Ratio Lower Upper
119 100
91 65.1 36.8 110.4
134 26.6 12.4 37.4

Manual Integrations
APPROVED

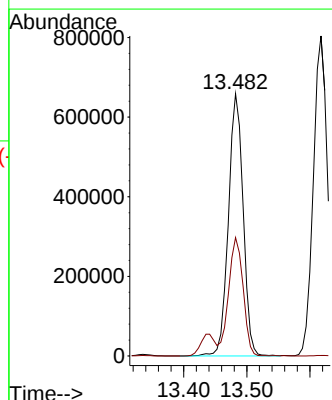
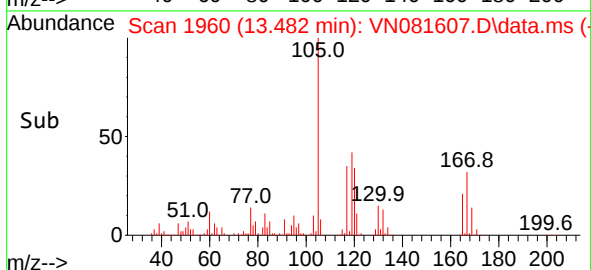
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

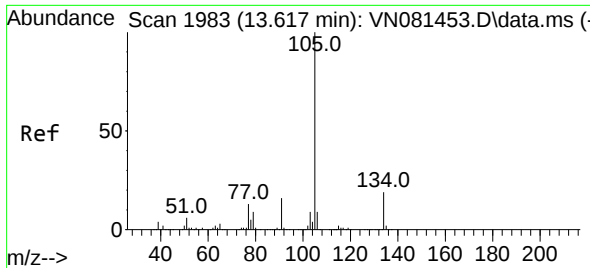


#84
1,2,4-Trimethylbenzene
Concen: 55.169 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35



Tgt Ion:105 Resp: 1066344
Ion Ratio Lower Upper
105 100
120 44.5 20.9 62.7





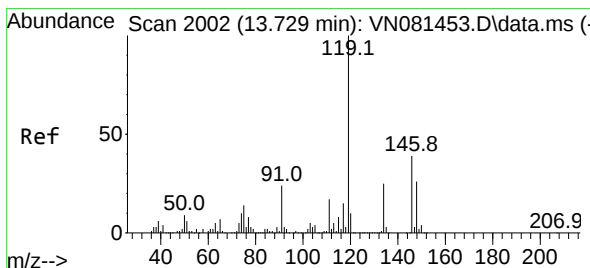
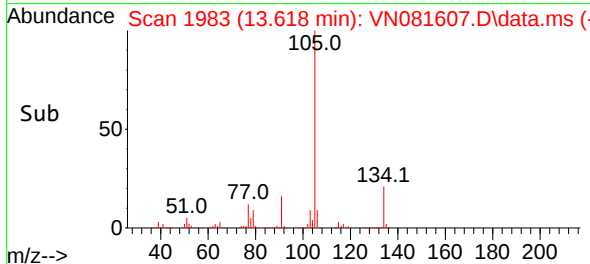
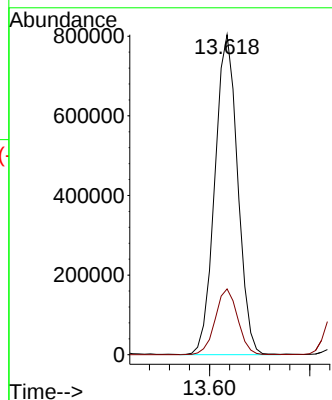
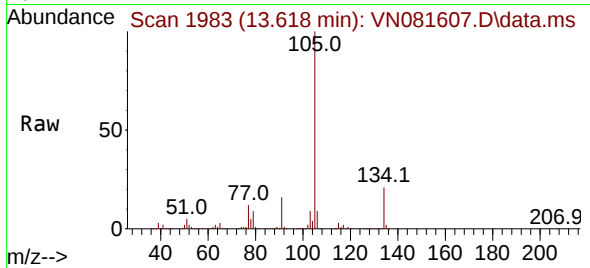
#85
 sec-Butylbenzene
 Concen: 53.489 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081607.D
 Acq: 29 Mar 2024 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 126806
 Ion Ratio Lower Upper
 105 100
 134 20.3 8.6 25.8

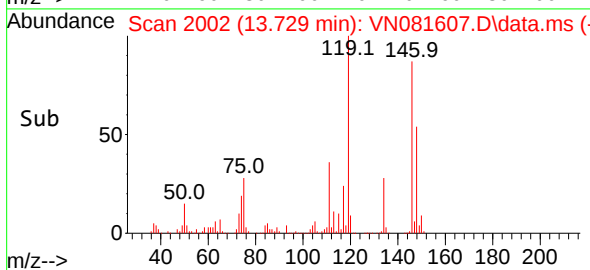
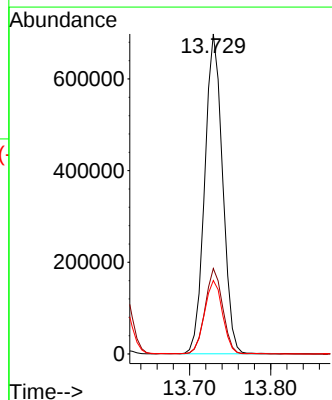
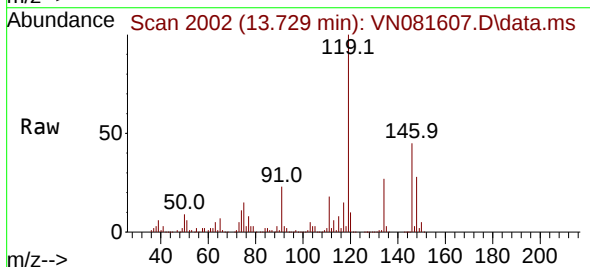
Manual Integrations
 APPROVED

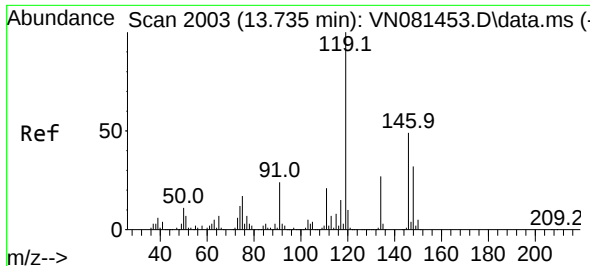
Reviewed By :John Carlone 04/01/2024
 Supervised By :Mahesh Dadoda 04/01/2024



#86
 p-Isopropyltoluene
 Concen: 54.854 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081607.D
 Acq: 29 Mar 2024 11:35

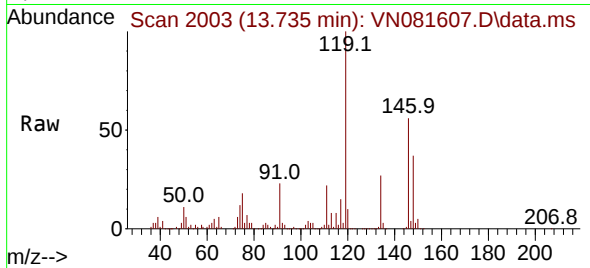
Tgt Ion:119 Resp: 1063015
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.4 37.2
 91 23.1 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 52.604 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081607.D
 Acq: 29 Mar 2024 11:35

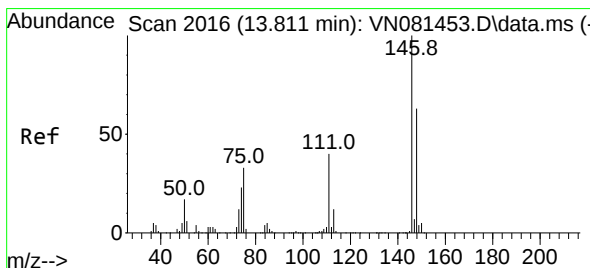
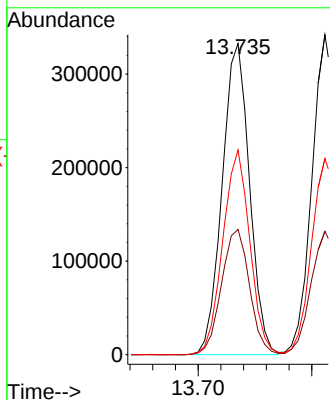
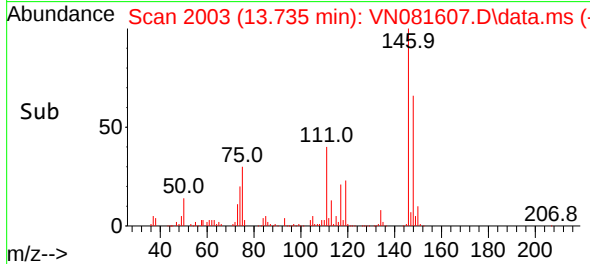
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



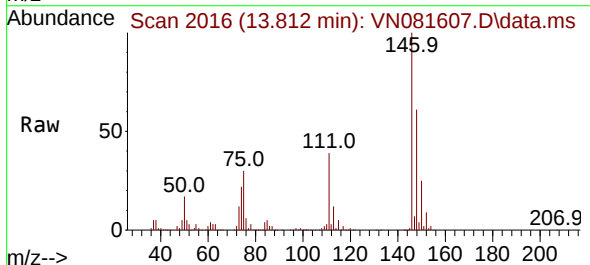
Tgt Ion:146 Resp: 555900
 Ion Ratio Lower Upper
 146 100
 111 41.3 23.9 71.7
 148 65.3 32.6 97.7

Manual Integrations
 APPROVED

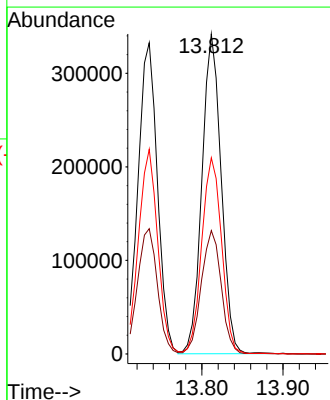
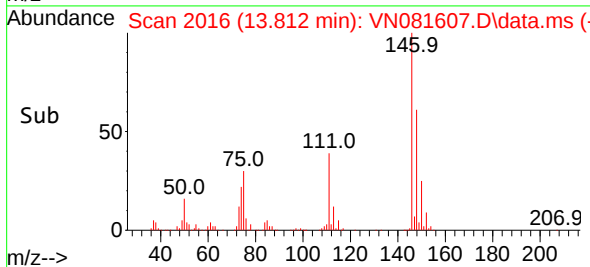
Reviewed By :John Carlone 04/01/2024
 Supervised By :Mahesh Dadoda 04/01/2024

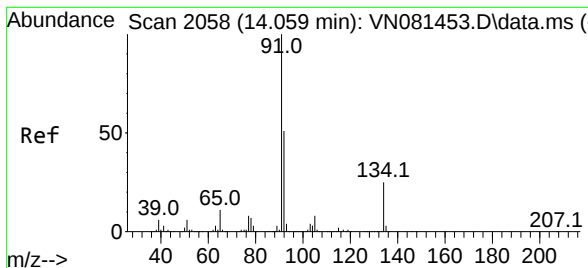


#88
 1,4-Dichlorobenzene
 Concen: 51.335 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081607.D
 Acq: 29 Mar 2024 11:35



Tgt Ion:146 Resp: 561723
 Ion Ratio Lower Upper
 146 100
 111 39.7 22.6 67.7
 148 63.4 31.9 95.5





#89

n-Butylbenzene

Concen: 52.725 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081607.D

Acq: 29 Mar 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

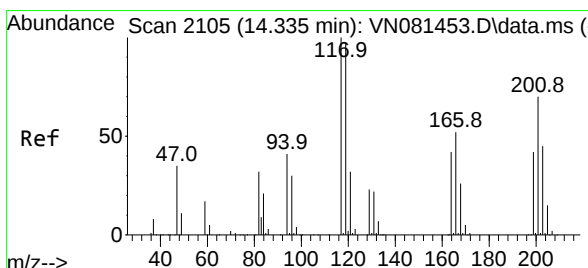
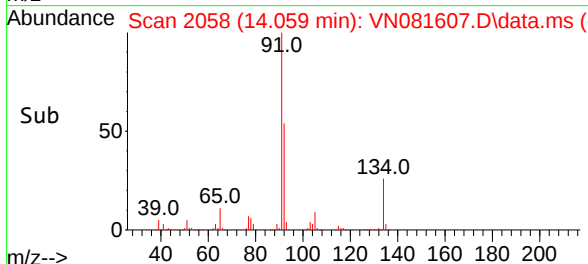
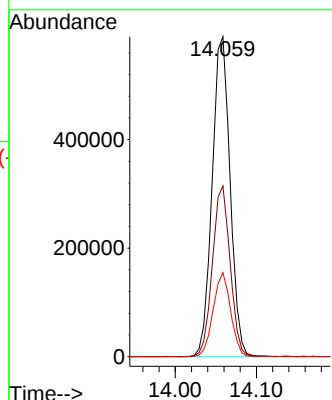
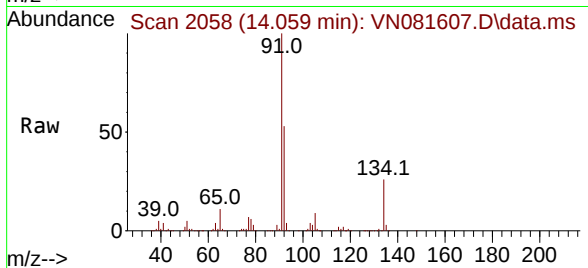
Tgt Ion:	91	Resp:	90603
Ion Ratio	Lower	Upper	
91	100		
92	52.6	26.7	80.1
134	25.6	10.8	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#90

Hexachloroethane

Concen: 52.512 ug/l

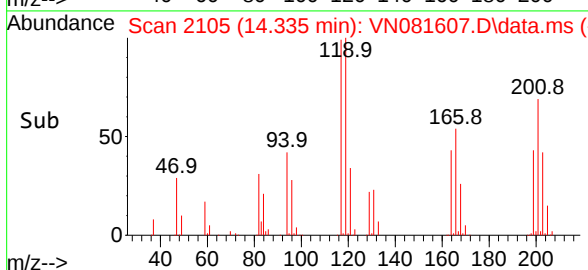
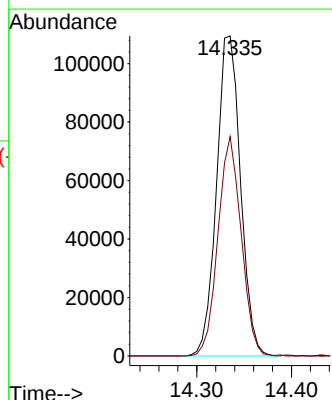
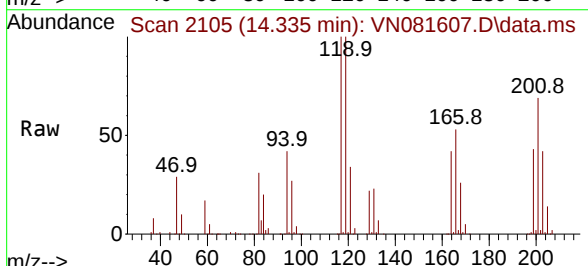
RT: 14.335 min Scan# 2105

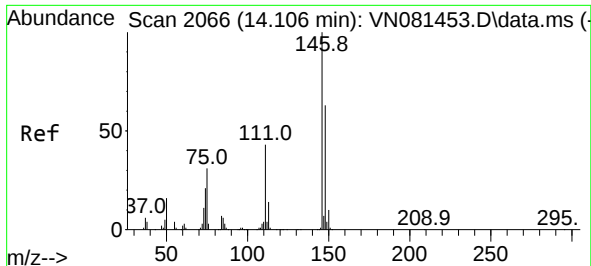
Delta R.T. 0.000 min

Lab File: VN081607.D

Acq: 29 Mar 2024 11:35

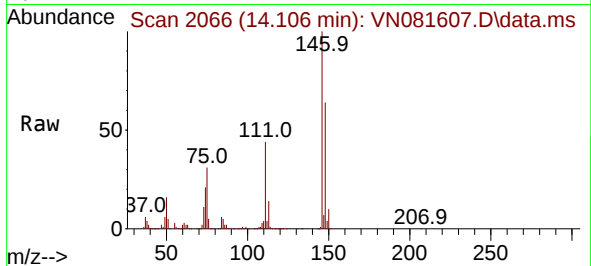
Tgt Ion:	117	Resp:	192723
Ion Ratio	Lower	Upper	
117	100		
201	66.4	30.0	90.0





#91
1,2-Dichlorobenzene
Concen: 53.678 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

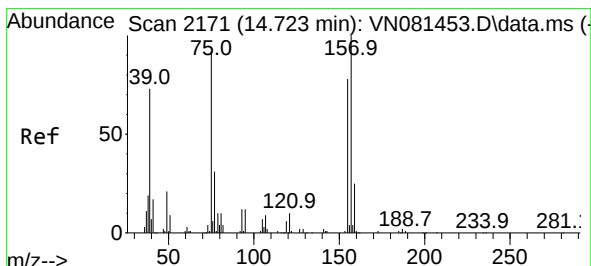
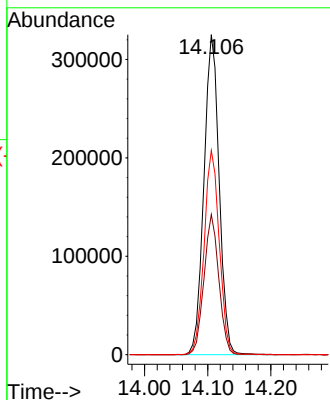
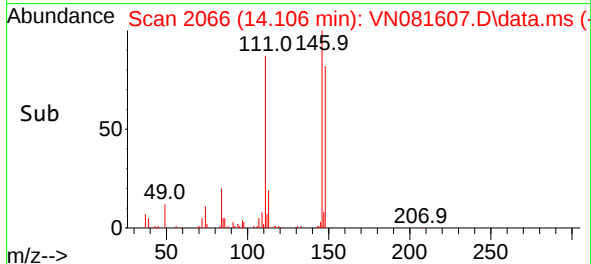
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 545968
Ion Ratio Lower Upper
146 100
111 42.7 23.9 71.8
148 63.7 31.4 94.0

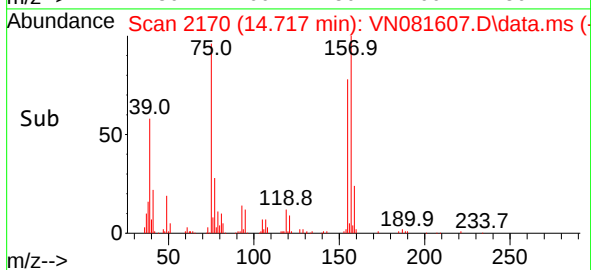
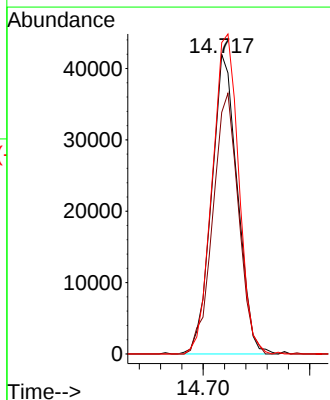
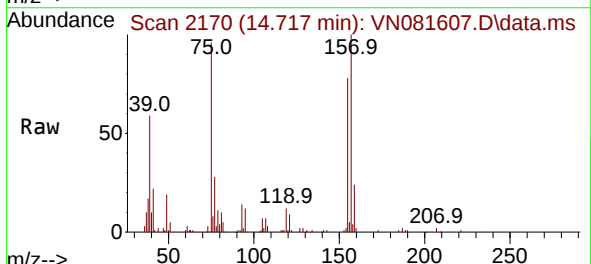
Manual Integrations
APPROVED

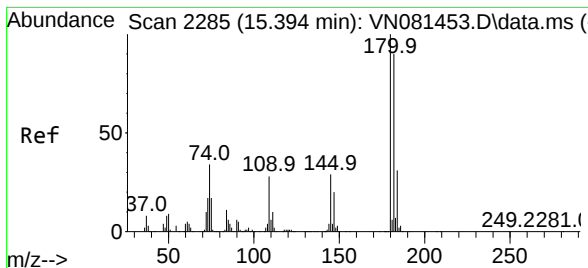
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.618 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

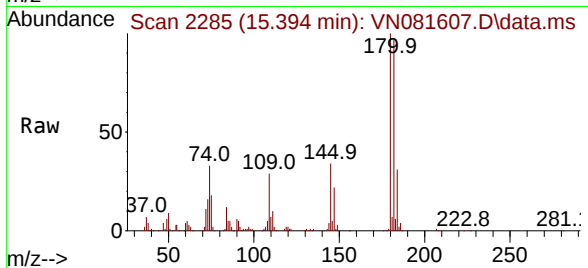
Tgt Ion: 75 Resp: 70832
Ion Ratio Lower Upper
75 100
155 86.2 31.8 95.4
157 108.7 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 50.445 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

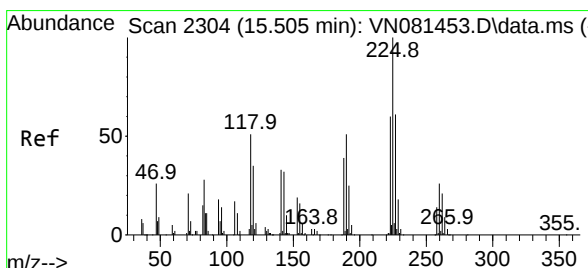
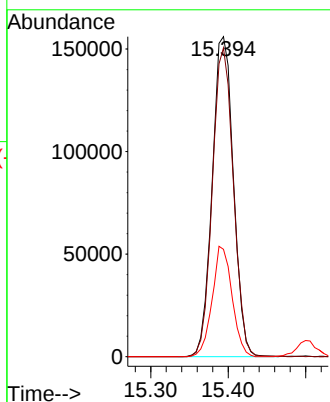
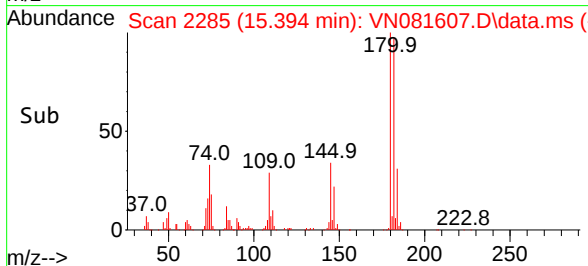
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 296674
Ion Ratio Lower Upper
180 100
182 95.7 46.6 139.7
145 32.3 16.8 50.3

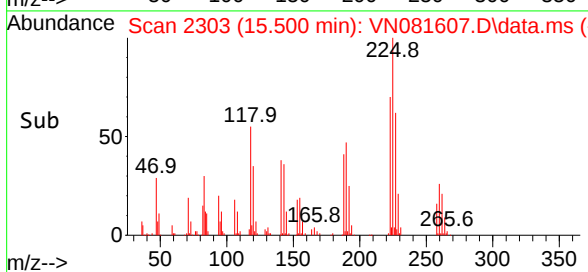
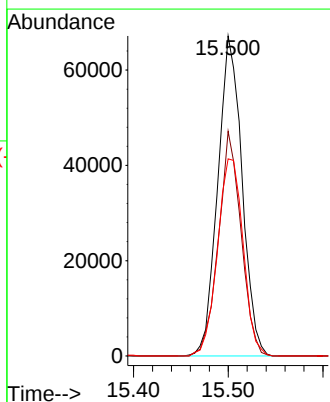
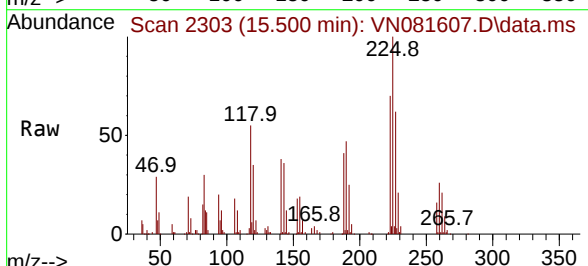
Manual Integrations
APPROVED

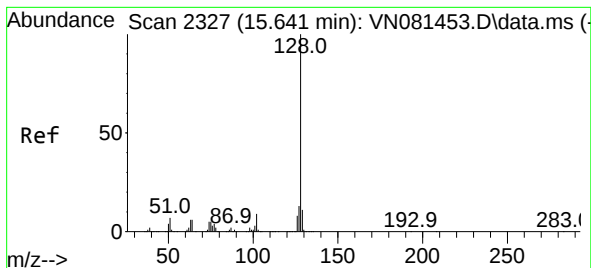
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#94
Hexachlorobutadiene
Concen: 46.288 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN081607.D
Acq: 29 Mar 2024 11:35

Tgt Ion:225 Resp: 119442
Ion Ratio Lower Upper
225 100
223 65.6 33.3 99.8
227 65.1 33.1 99.2





#95

Naphthalene

Concen: 52.663 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081607.D

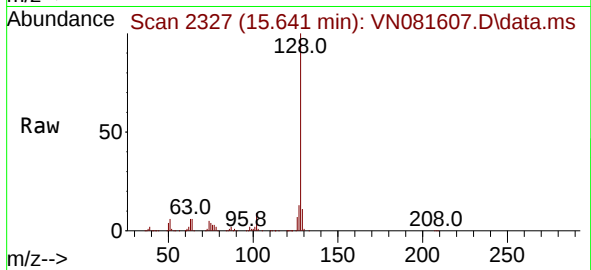
Acq: 29 Mar 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:128 Resp: 100358

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

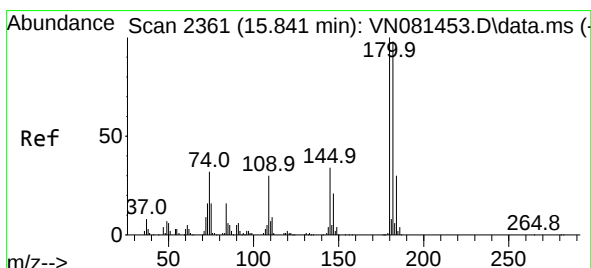
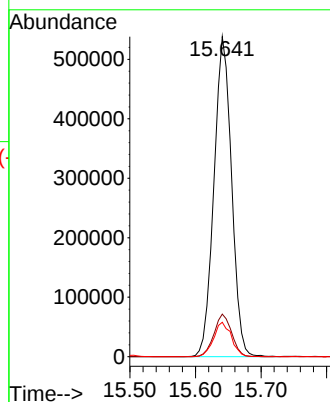
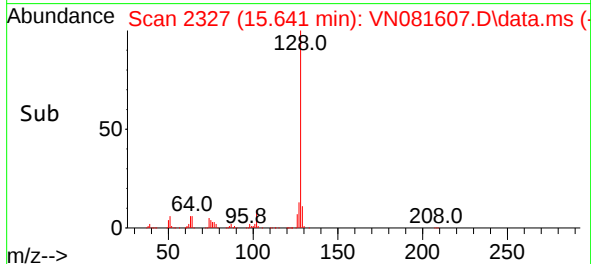
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#96

1,2,3-Trichlorobenzene

Concen: 51.927 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081607.D

Acq: 29 Mar 2024 11:35

Tgt Ion:180 Resp: 307178

Ion Ratio Lower Upper

180 100

182 93.5 46.5 139.3

145 33.8 17.8 53.4

