

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082088.D
 Acq On : 13 May 2024 11:37
 Operator : JC\MD
 Sample : VN0513WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBS01

Quant Time: May 14 03:29:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/14/2024
 Supervised By : Mahesh Dadoda 05/14/2024

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

Internal Standards						
1) Bromochloromethane	7.806	128	26585m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	163309	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	142004	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	70232	31.553	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 105.167%	
60) 4-Bromofluorobenzene	12.847	95	68009	28.778	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 95.933%	
63) Toluene-d8	10.571	98	208601	30.932	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 103.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	31805	21.076	ug/l	100
3) Chloromethane	2.359	50	38042	21.737	ug/l	96
4) Vinyl Chloride	2.512	62	39359	23.807	ug/l	93
5) Bromomethane	2.965	94	19230	22.291	ug/l	96
6) Chloroethane	3.124	64	23323	24.913	ug/l	95
7) Trichlorofluoromethane	3.500	101	51719	21.379	ug/l	91
8) Diethyl Ether	3.959	74	25540m	21.808	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.377	101	36848	22.218	ug/l	55
10) 1,1-Dichloroethene	4.347	96	34867	21.489	ug/l	85
11) Methyl Iodide	4.589	142	31340	21.135	ug/l	87
12) Methyl Acetate	5.024	43	58638	28.862	ug/l #	72
13) Acrolein	4.177	56	59682	138.219	ug/l	97
14) Acrylonitrile	5.724	53	114352	123.324	ug/l	92
15) Acetone	4.424	58	27347	131.615	ug/l	90
16) Carbon Disulfide	4.712	76	79219	17.623	ug/l #	91
17) Allyl chloride	5.024	41	67214	23.595	ug/l	93
18) Methylene Chloride	5.277	84	41513	22.486	ug/l #	89
19) trans-1,2-Dichloroethene	5.783	96	36220	21.446	ug/l	93
20) Diisopropyl ether	6.671	45	151098	23.973	ug/l #	94
21) 1,1-Dichloroethane	6.571	63	79194	23.730	ug/l	96
22) cis-1,2-Dichloroethene	7.482	96	47192	22.930	ug/l	91
23) tert-Butyl Alcohol	5.524	59	43210m	113.133	ug/l	
24) Methyl tert-Butyl Ether	5.794	73	125742	21.496	ug/l #	85
25) Chloroform	7.965	83	75113	23.395	ug/l	99
26) Cyclohexane	8.259	56	64265	22.268	ug/l #	88
29) 1,1-Dichloropropene	8.371	75	49433	20.332	ug/l	95
30) 2-Butanone	7.482	43	153656	122.606	ug/l	93
31) 2,2-Dichloropropane	7.488	77	66051	26.510	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	58524	20.930	ug/l #	90
33) Carbon Tetrachloride	8.365	117	44872	19.774	ug/l	98
34) Benzene	8.600	78	170275	21.953	ug/l #	92
35) Methacrylonitrile	7.777	41	36202	22.833	ug/l	91
36) 1,2-Dichloroethane	8.671	62	58446	22.447	ug/l	100
37) Trichloroethene	9.353	130	36076	18.990	ug/l	99
38) Methylcyclohexane	9.606	83	60176	20.489	ug/l	97
39) 1,2-Dichloropropane	9.624	63	47400	23.817	ug/l	95
40) Dibromomethane	9.712	93	27841	21.776	ug/l	86
41) Bromodichloromethane	9.888	83	58406	21.373	ug/l #	95
42) Vinyl Acetate	6.606	43	580448	108.815	ug/l	95

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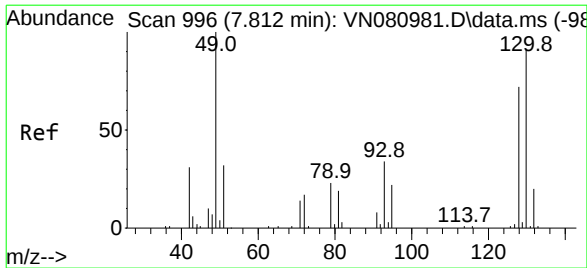
Quant Time: May 14 03:29:40 2024
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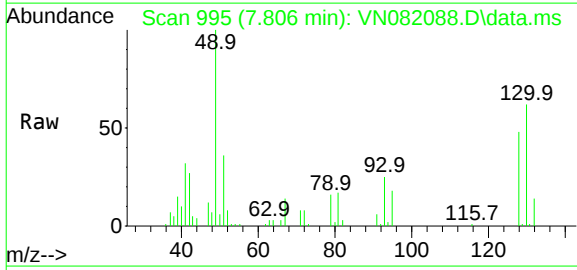
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	60069	21.983	ug/l	97
44) Isopropyl Acetate	8.688	43	126875	26.154	ug/l #	84
45) 1,4-Dioxane	9.700	88	17400	447.253	ug/l #	34
46) Methyl methacrylate	9.682	41	49911	22.520	ug/l	89
47) n-amyl Acetate	12.494	43	97091	22.190	ug/l #	88
48) t-1,3-Dichloropropene	10.835	75	64066	21.619	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	69140	22.067	ug/l #	87
50) 1,1,2-Trichloroethane	11.018	97	40400	23.291	ug/l	95
51) Ethyl methacrylate	10.876	69	69388	21.195	ug/l	70
52) 1,3-Dichloropropane	11.165	76	70496	22.121	ug/l	98
53) Dibromochloromethane	11.359	129	39424	20.890	ug/l	97
54) 1,2-Dibromoethane	11.470	107	34968	20.214	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	151331	92.441	ug/l #	93
56) Bromoform	12.582	173	20436	17.792	ug/l #	95
58) 4-Methyl-2-Pentanone	10.447	43	335058	121.517	ug/l #	85
59) 2-Hexanone	11.194	43	253590	124.043	ug/l #	86
61) Tetrachloroethene	11.106	164	30143	19.130	ug/l	87
62) Toluene	10.635	91	176154	22.047	ug/l	100
64) Chlorobenzene	11.894	112	105299	21.547	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.965	131	33575	20.991	ug/l	96
66) Ethyl Benzene	11.965	91	191075	21.817	ug/l	95
67) m/p-Xylenes	12.070	106	137853	42.453	ug/l	97
68) o-Xylene	12.400	106	67097	20.885	ug/l	97
69) Styrene	12.412	104	116096	21.527	ug/l	98
70) Isopropylbenzene	12.700	105	177874	21.800	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	53269	22.687	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	51268m	23.355	ug/l	
73) Bromobenzene	12.976	156	35355	20.242	ug/l	72
74) n-propylbenzene	13.035	91	215816	22.419	ug/l	98
75) 2-Chlorotoluene	13.129	91	129049	21.670	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	144516	21.882	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	20936	21.428	ug/l	88
78) 4-Chlorotoluene	13.223	91	127275	21.815	ug/l	98
79) tert-butylbenzene	13.441	119	117726	20.703	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	142773	21.522	ug/l	99
81) sec-Butylbenzene	13.617	105	176736	22.173	ug/l	97
82) p-Isopropyltoluene	13.729	119	141521	22.453	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	68201	21.686	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	64657	20.454	ug/l	94
85) n-Butylbenzene	14.059	91	135963	23.615	ug/l	96
86) Hexachloroethane	14.335	117	25390	20.203	ug/l	78
87) 1,2-Dichlorobenzene	14.106	146	66898	21.357	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10488	19.905	ug/l #	84
89) 1,2,4-Trichlorobenzene	15.841	180	32281	18.716	ug/l	96
90) Hexachlorobutadiene	15.506	225	12219	19.129	ug/l	93
91) Naphthalene	15.641	128	127250	19.408	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	32281	18.716	ug/l	96

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



#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.806 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

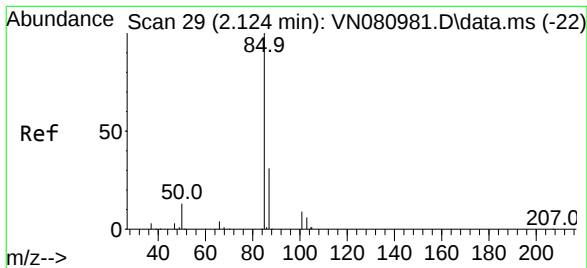
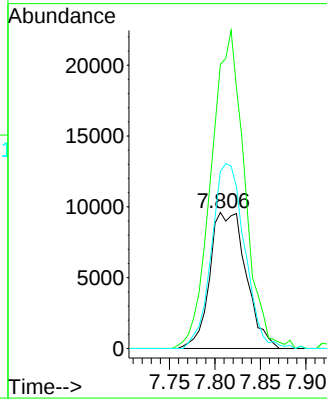
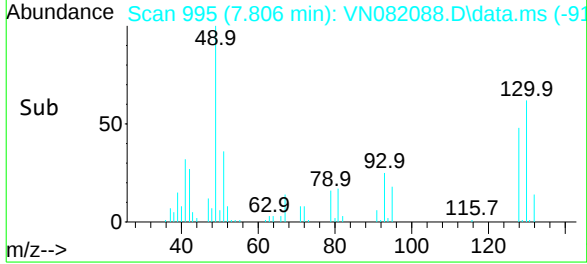
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion:128 Resp: 26585
Ion Ratio Lower Upper
128 100
49 214.6 0.0 403.7
130 123.9 0.0 323.3

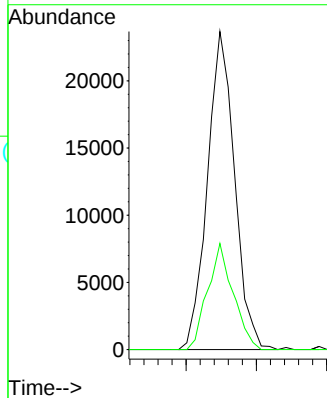
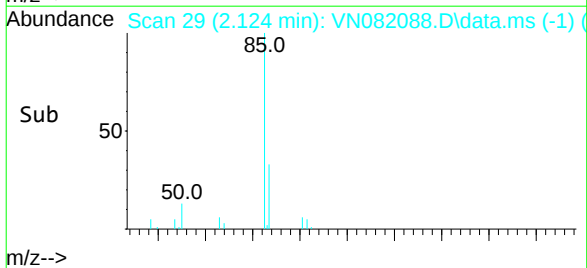
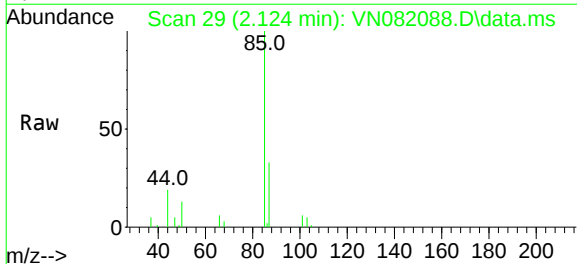
Manual Integrations
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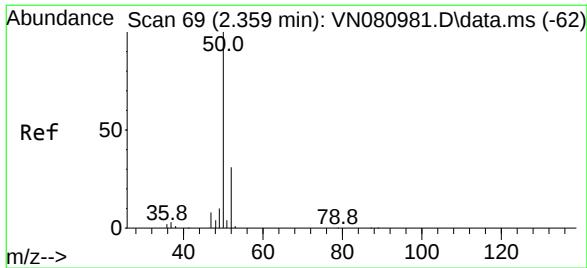
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#2
Dichlorodifluoromethane
Concen: 21.076 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

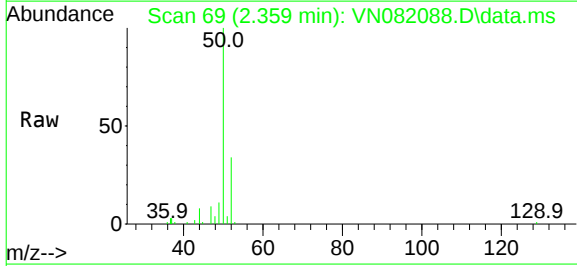
Tgt Ion: 85 Resp: 31805
Ion Ratio Lower Upper
85 100
87 33.4 16.8 50.3





#3
Chloromethane
Concen: 21.737 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

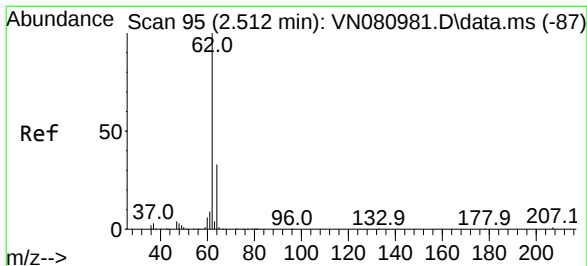
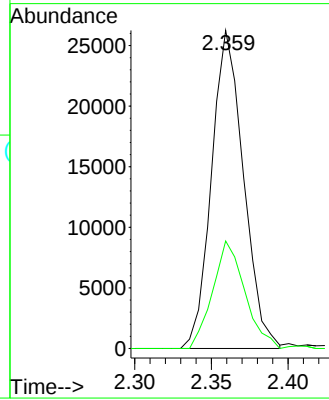
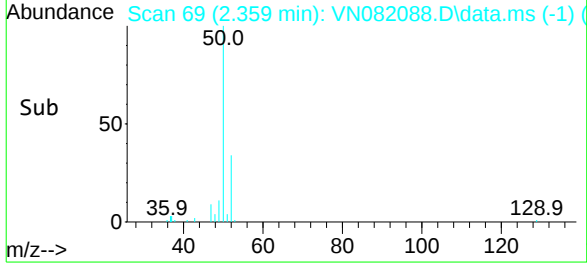
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



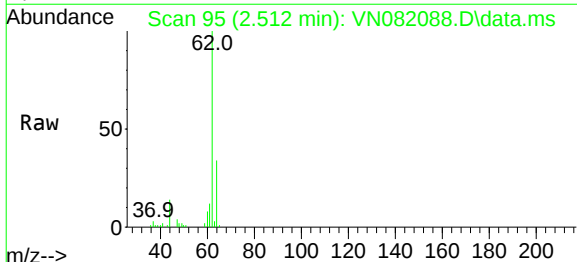
Tgt Ion: 50 Resp: 38042
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.0

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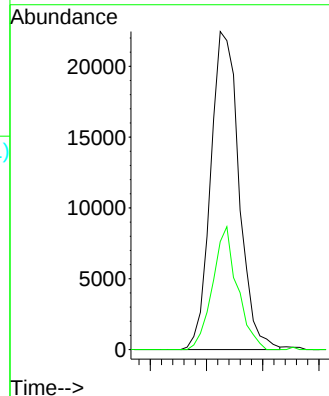
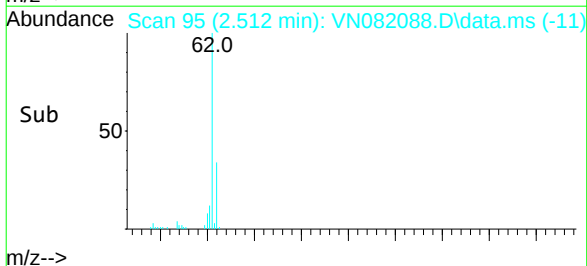
Reviewed By :John Carlone 05/14/2024
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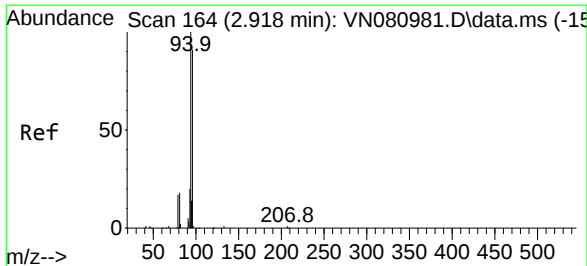


#4
Vinyl Chloride
Concen: 23.807 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37



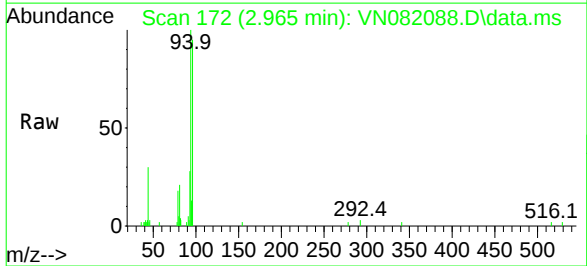
Tgt Ion: 62 Resp: 39359
Ion Ratio Lower Upper
62 100
64 33.9 24.1 36.1





#5
Bromomethane
Concen: 22.291 ug/l
RT: 2.965 min Scan# 171
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

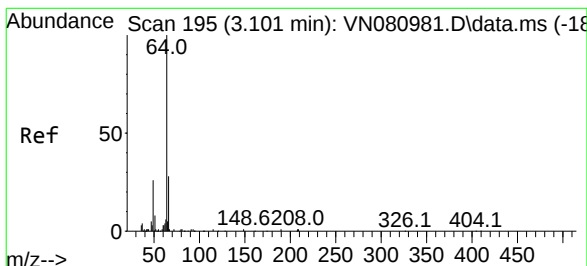
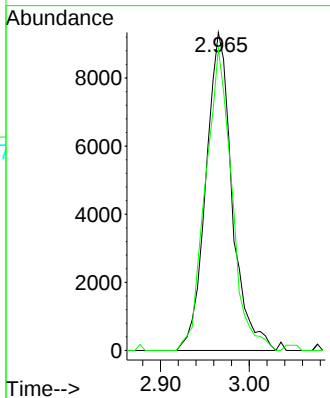
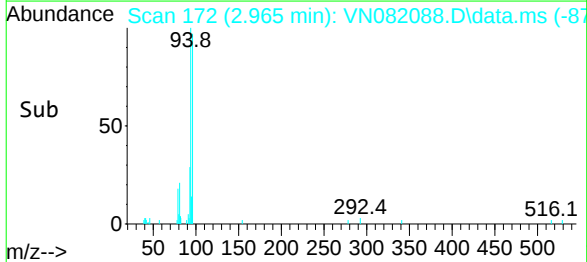
Instrument :
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ClientSampleId :
VN0513WBS01



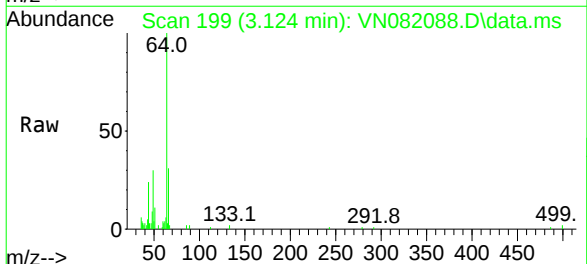
Tgt Ion: 94 Resp: 19230
Ion Ratio Lower Upper
94 100
96 95.0 72.8 109.2

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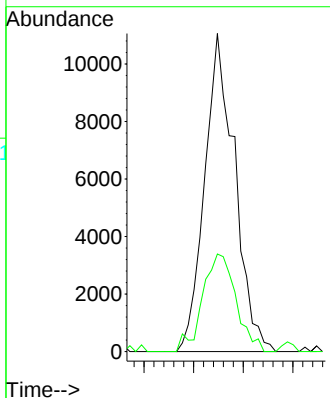
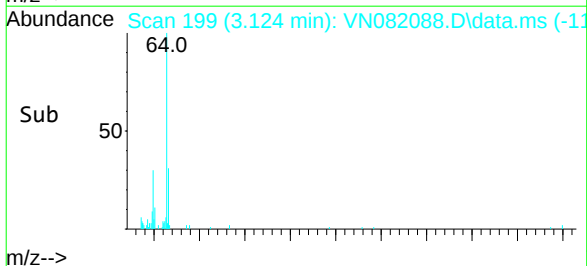
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

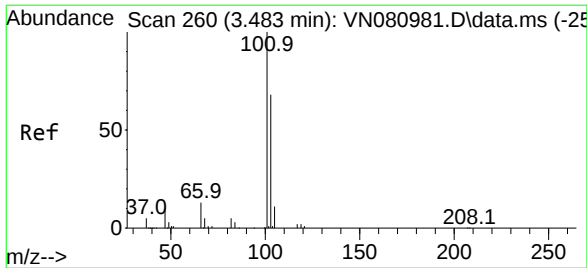


#6
Chloroethane
Concen: 24.913 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37



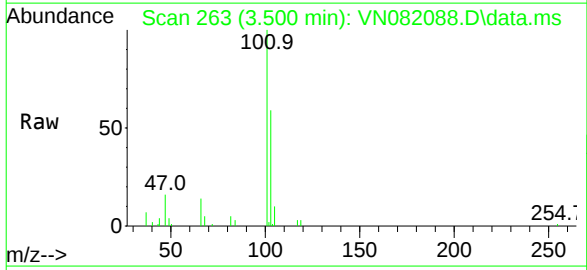
Tgt Ion: 64 Resp: 23323
Ion Ratio Lower Upper
64 100
66 30.7 26.7 40.1





#7
Trichlorofluoromethane
Concen: 21.379 ug/l
RT: 3.500 min Scan# 260
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

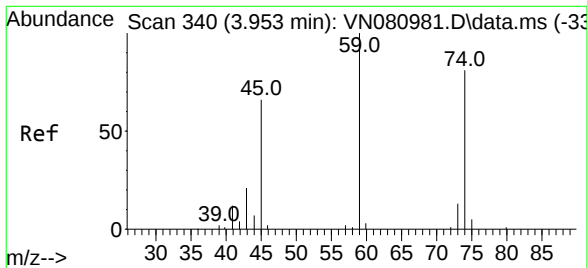
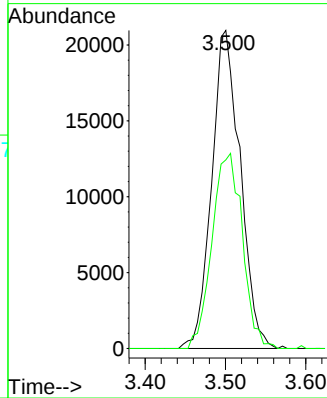
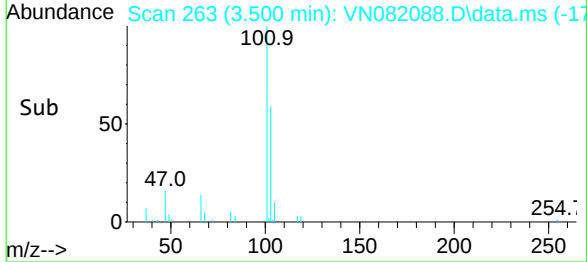
Instrument :
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Tgt Ion: 101 Resp: 51719
Ion Ratio Lower Upper
101 100
103 59.3 53.0 79.4

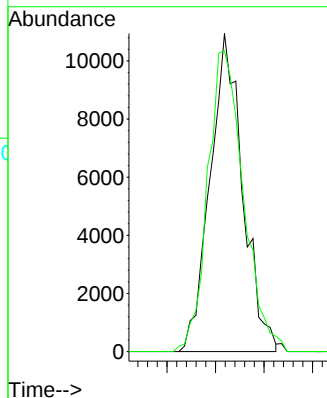
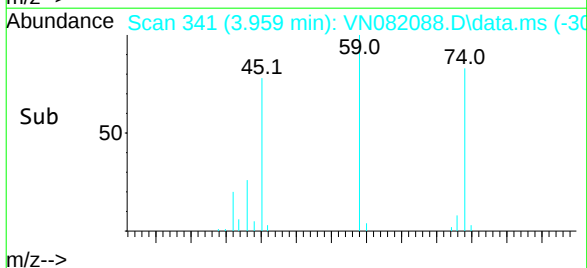
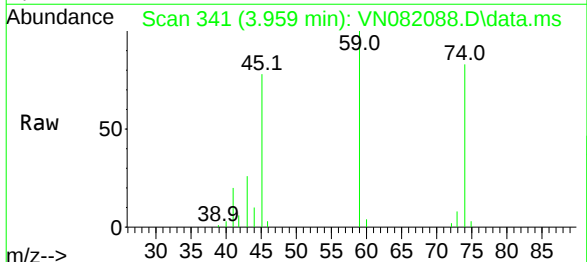
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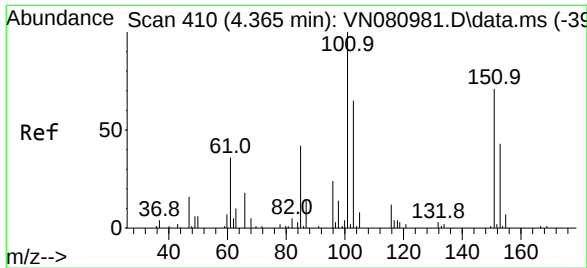
Reviewed By : John Carlone 05/14/2024
Supervised By : Mahesh Dadoda 05/14/2024



#8
Diethyl Ether
Concen: 21.808 ug/l m
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 74 Resp: 25540
Ion Ratio Lower Upper
74 100
45 103.7 16.4 147.4





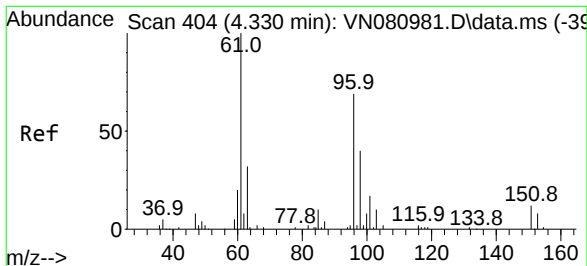
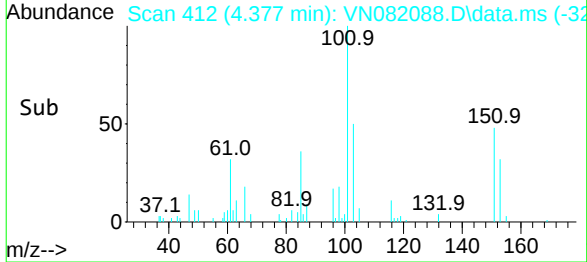
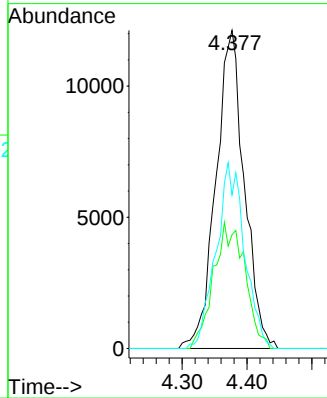
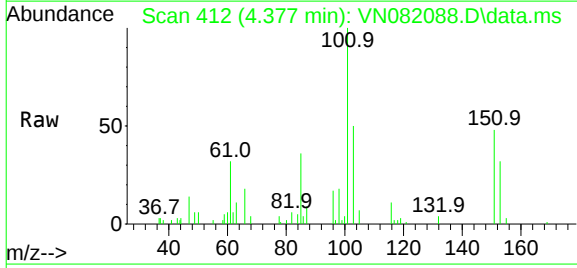
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.218 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion: 101 Resp: 36848
Ion Ratio Lower Upper
101 100
85 21.5 0.0 90.6
151 34.6 0.0 157.6

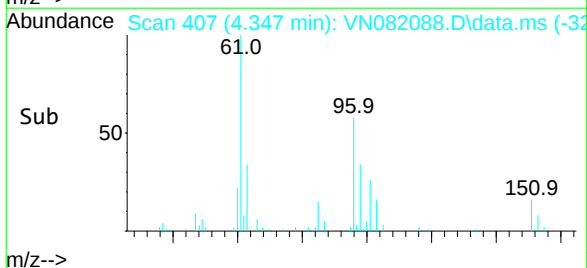
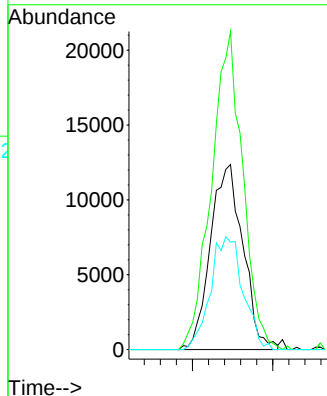
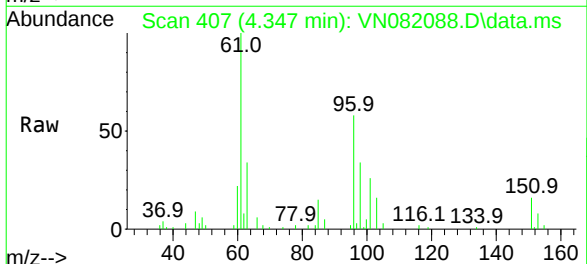
Manual Integrations
APPROVED

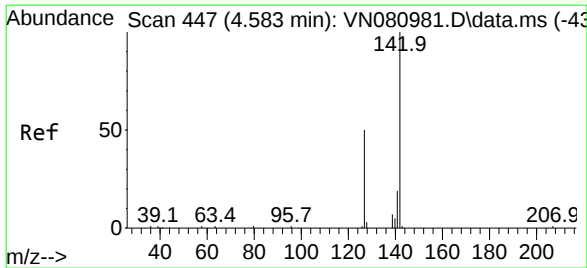
Reviewed By : John Carlone 05/14/2024
Supervised By : Mahesh Dadoda 05/14/2024



#10
1,1-Dichloroethene
Concen: 21.489 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

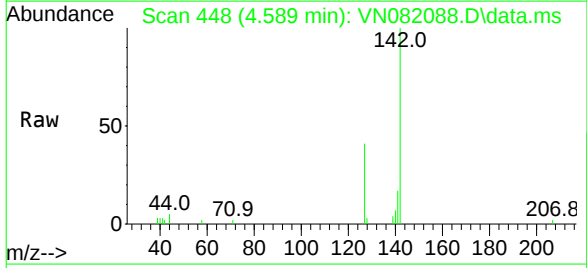
Tgt Ion: 96 Resp: 34867
Ion Ratio Lower Upper
96 100
61 171.8 117.6 176.4
98 58.0 48.4 72.6





#11
Methyl Iodide
Concen: 21.135 ug/l
RT: 4.589 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

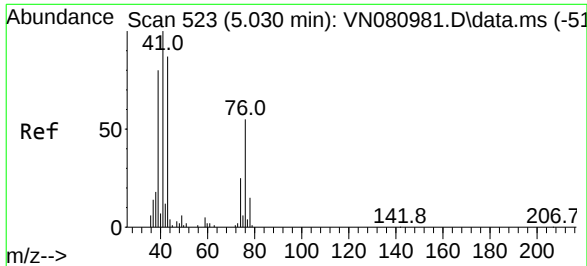
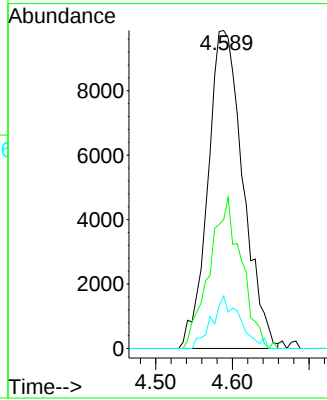
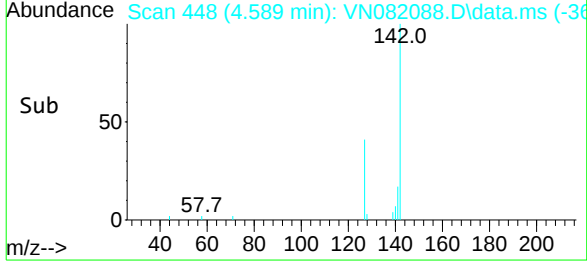
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion: 142 Resp: 31340
Ion Ratio Lower Upper
142 100
127 40.9 26.3 78.9
141 16.6 8.3 24.9

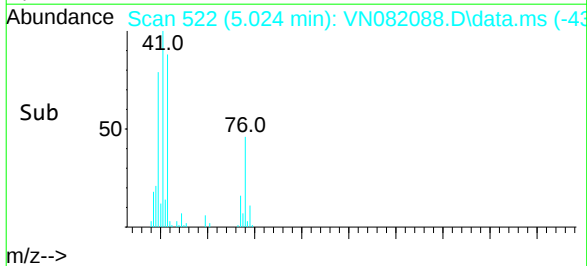
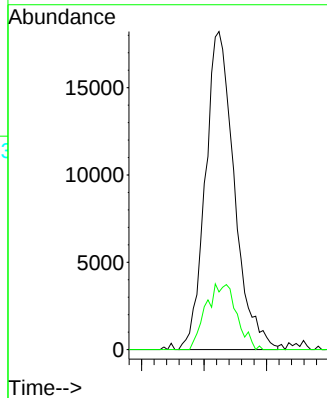
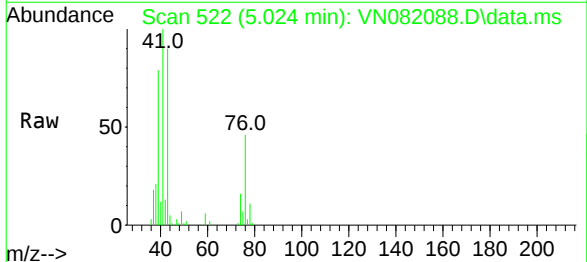
Manual Integrations
APPROVED

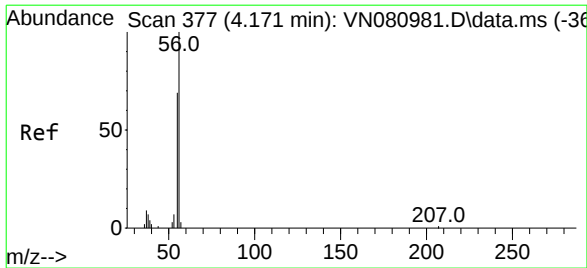
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#12
Methyl Acetate
Concen: 28.862 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 43 Resp: 58638
Ion Ratio Lower Upper
43 100
74 18.2 27.7 41.5#





#13

Acrolein

Concen: 138.219 ug/l

RT: 4.177 min Scan# 377

Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBS01

Tgt Ion: 56 Resp: 59682

Ion Ratio Lower Upper

56 100

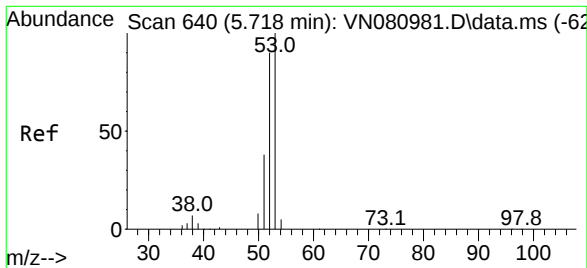
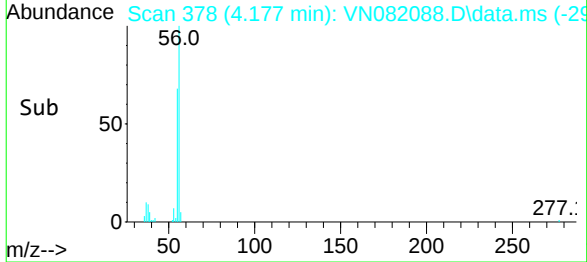
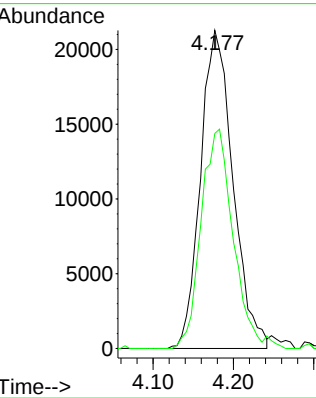
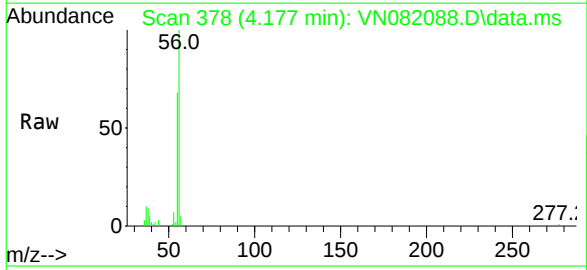
55 67.3 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#14

Acrylonitrile

Concen: 123.324 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

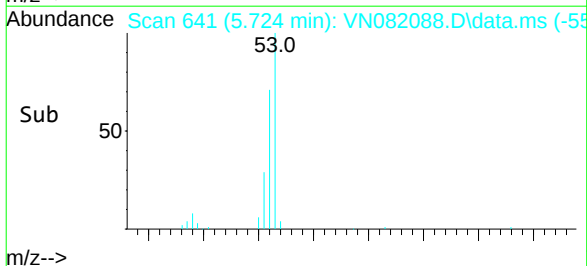
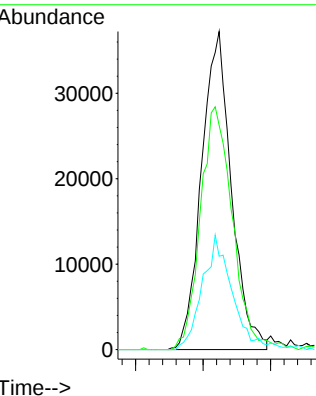
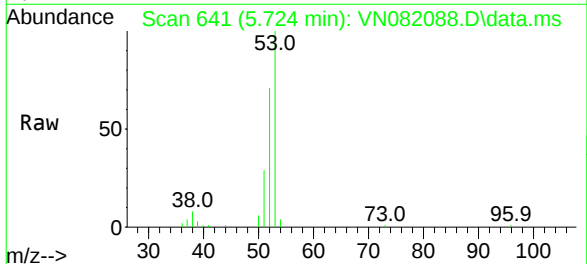
Tgt Ion: 53 Resp: 114352

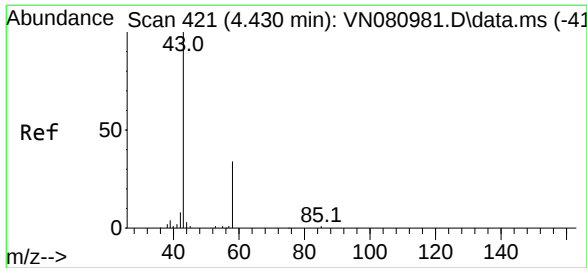
Ion Ratio Lower Upper

53 100

52 80.4 41.3 123.9

51 20.3 16.8 50.3





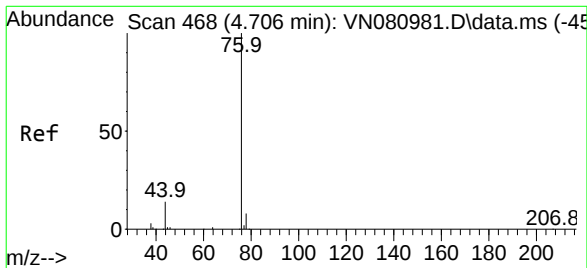
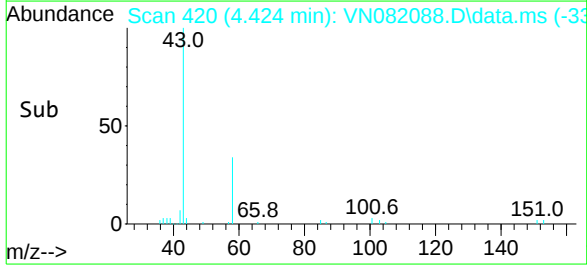
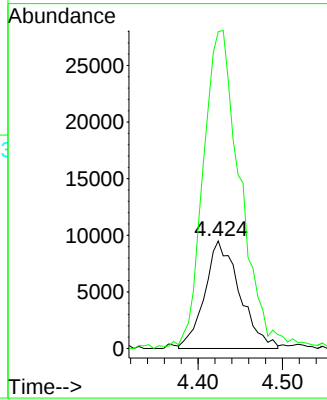
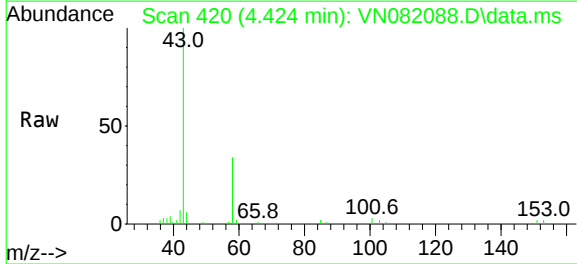
#15
Acetone
Concen: 131.615 ug/l
RT: 4.424 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion: 58 Resp: 27347
Ion Ratio Lower Upper
58 100
43 297.9 223.1 334.7

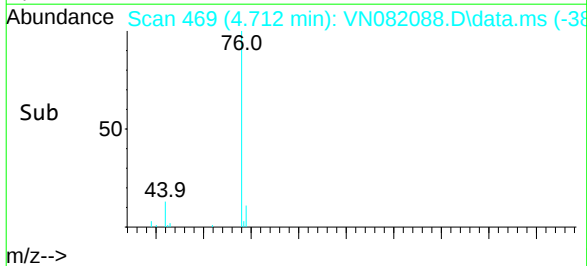
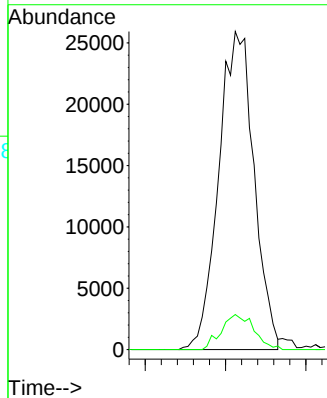
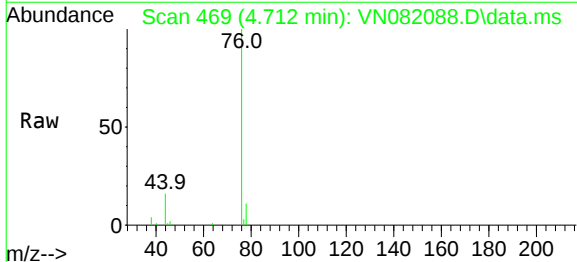
Manual Integrations
APPROVED

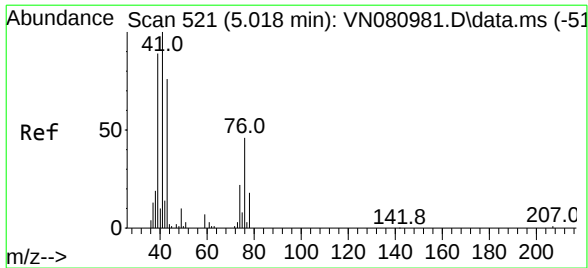
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#16
Carbon Disulfide
Concen: 17.623 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 76 Resp: 79219
Ion Ratio Lower Upper
76 100
78 11.0 6.3 9.5#





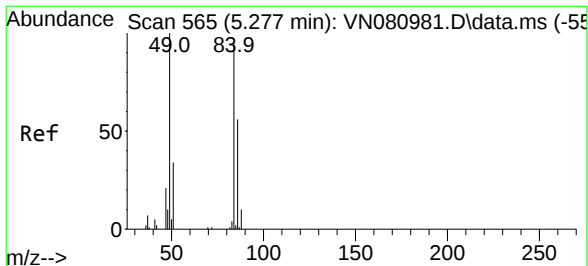
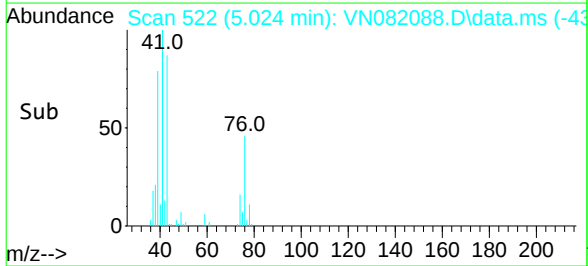
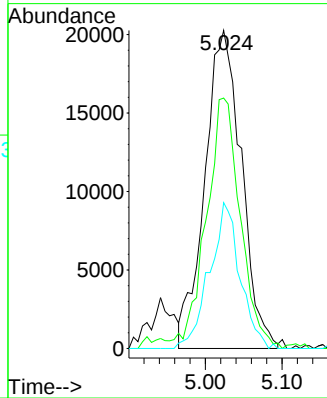
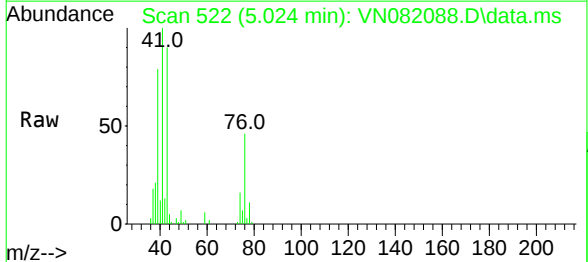
#17
Allyl chloride
Concen: 23.595 ug/l
RT: 5.024 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion:	41	Resp:	67214
Ion	Ratio	Lower	Upper
41	100		
39	78.1	37.6	112.9
76	46.5	27.8	83.4

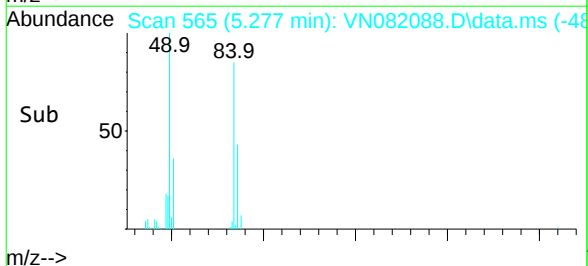
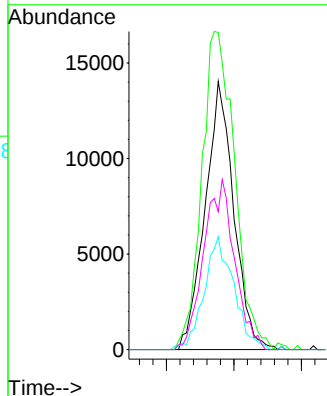
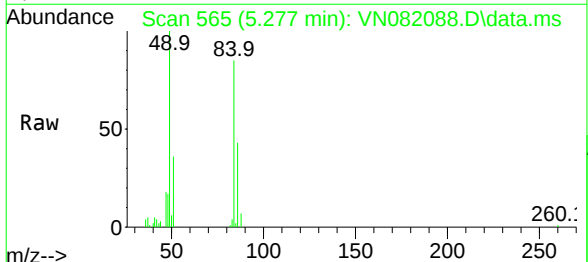
Manual Integrations
APPROVED

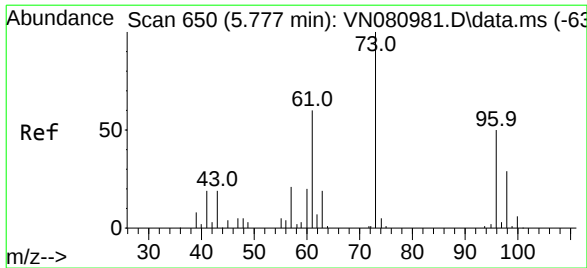
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#18
Methylene Chloride
Concen: 22.486 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.012 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion:	84	Resp:	41513
Ion	Ratio	Lower	Upper
84	100		
49	115.8	86.0	129.0
51	42.1	30.0	45.0
86	51.4	53.0	79.4





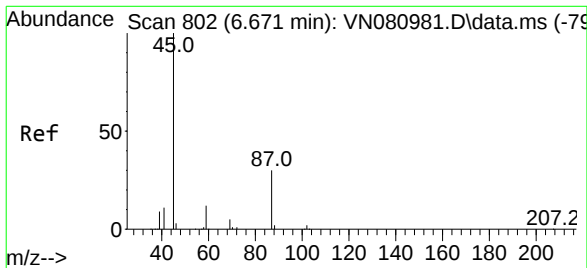
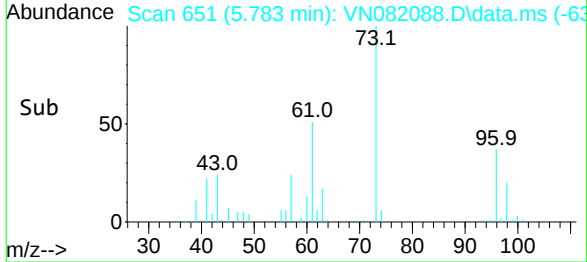
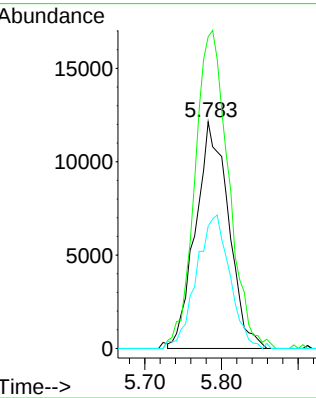
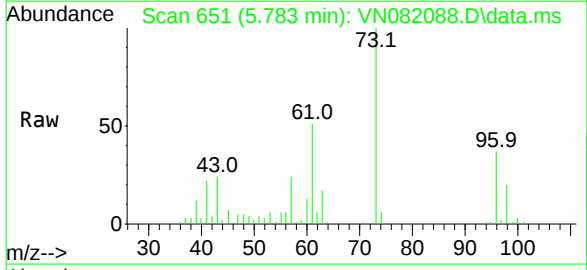
#19
trans-1,2-Dichloroethene
Concen: 21.446 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.012 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.0	111.8	167.6
98	51.7	49.2	73.8

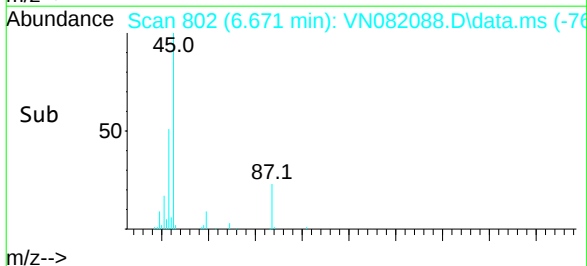
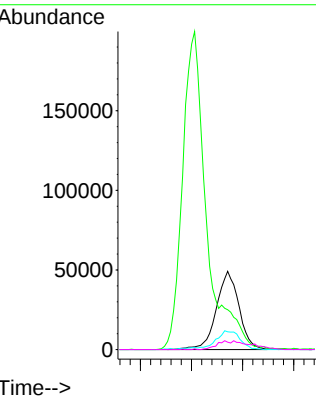
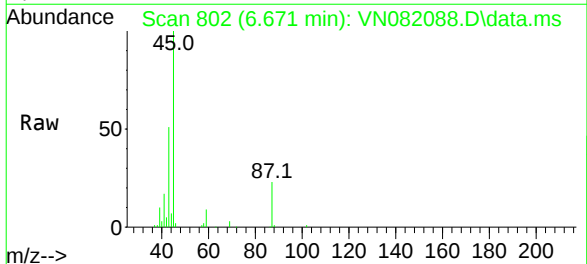
Manual Integrations
APPROVED

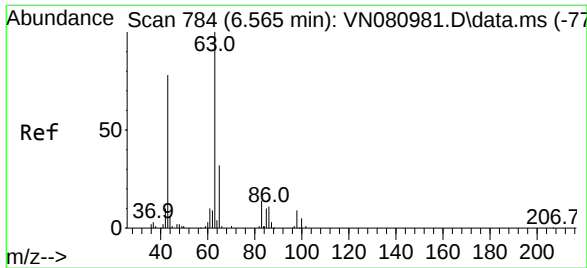
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#20
Diisopropyl ether
Concen: 23.973 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

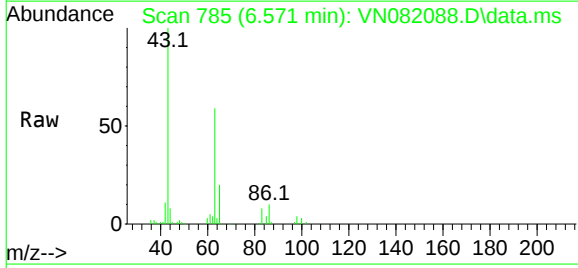
Tgt Ion	Ratio	Lower	Upper
45	100		
43	49.2	40.4	60.6
87	22.7	23.8	35.8#
59	9.5	9.8	14.6#





#21
1,1-Dichloroethane
Concen: 23.730 ug/l
RT: 6.571 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

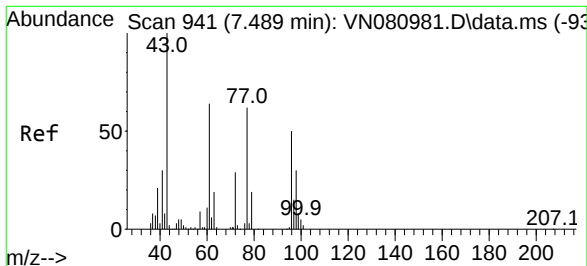
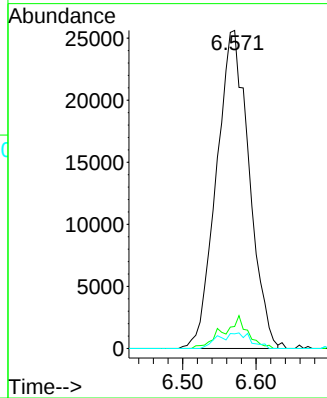
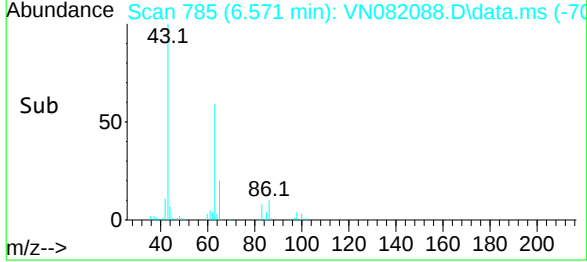
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion: 63 Resp: 79194
Ion Ratio Lower Upper
63 100
98 6.9 4.1 12.3
100 4.6 3.0 9.0

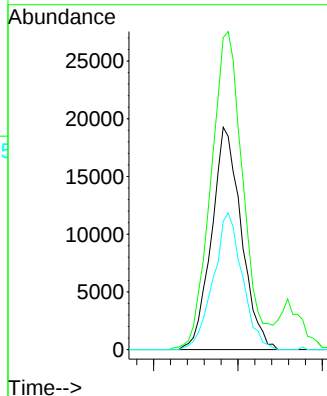
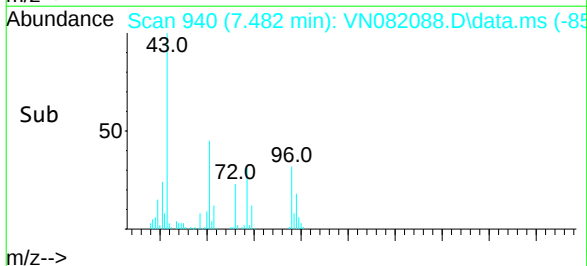
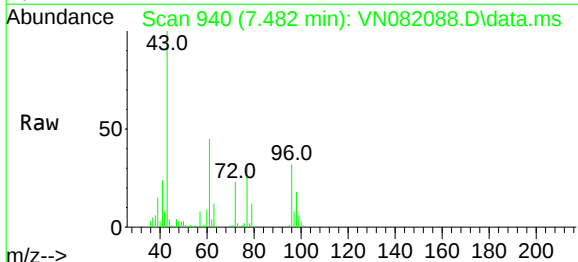
Manual Integrations
APPROVED

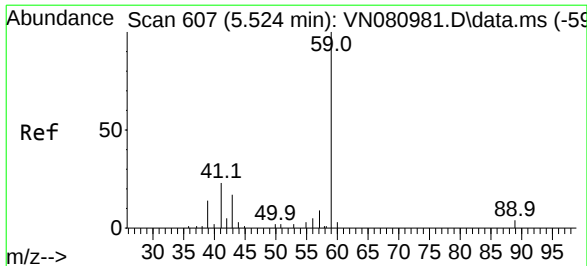
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#22
cis-1,2-Dichloroethene
Concen: 22.930 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

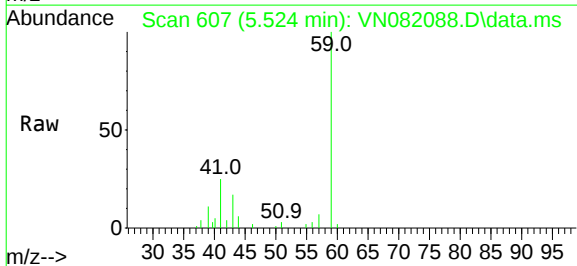
Tgt Ion: 96 Resp: 47192
Ion Ratio Lower Upper
96 100
61 154.4 113.5 170.3
98 60.0 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 113.133 ug/l m
RT: 5.524 min Scan# 607
Delta R.T. 0.017 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

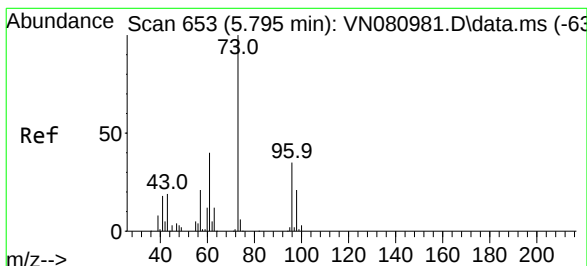
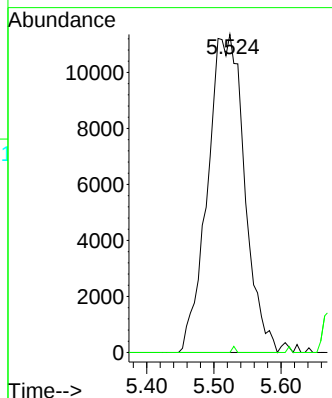
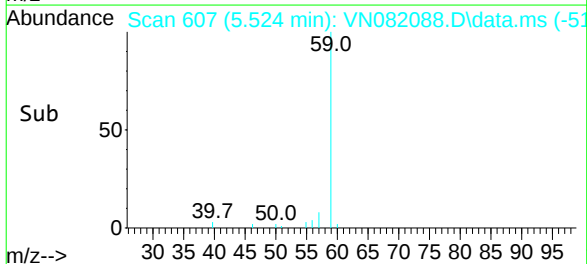
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion: 59 Resp: 43210
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

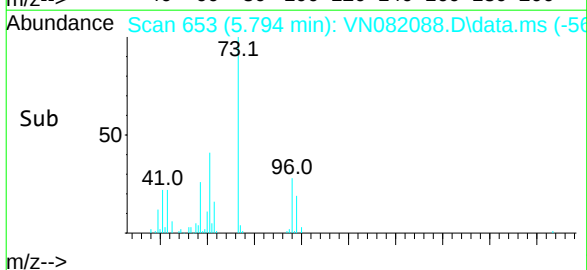
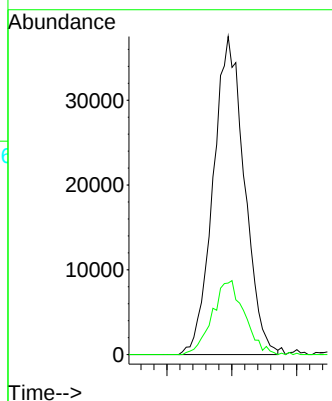
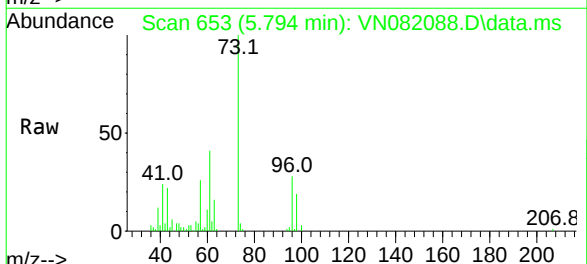
Manual Integrations
APPROVED

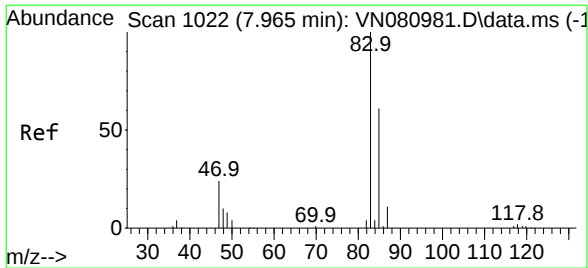
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#24
Methyl tert-Butyl Ether
Concen: 21.496 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 73 Resp: 125742
Ion Ratio Lower Upper
73 100
43 23.4 13.4 20.2#





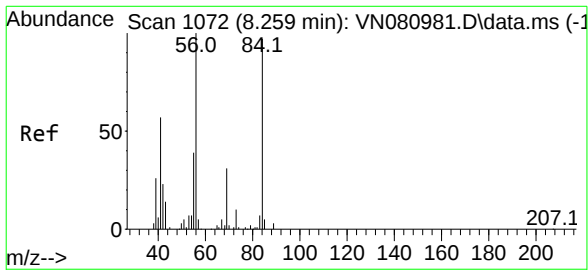
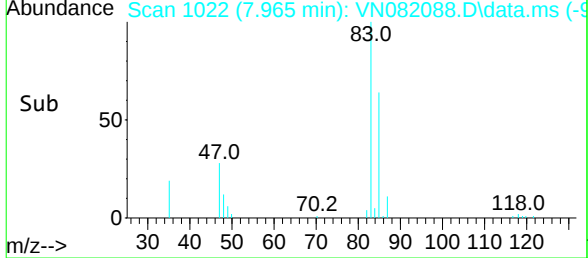
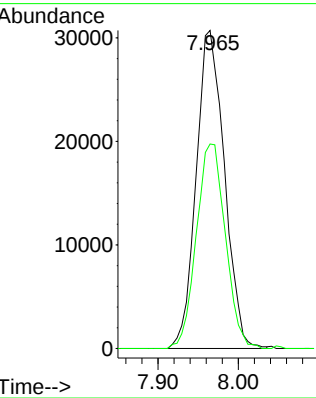
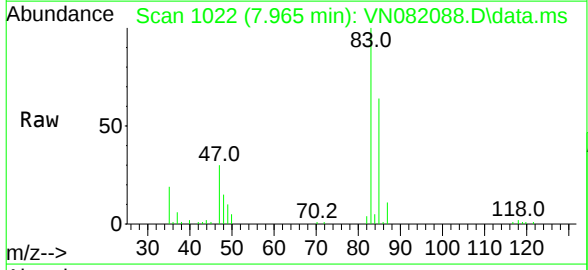
#25
Chloroform
Concen: 23.395 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument : MSVOA_N
ClientSampleId : VN0513WBS01

Tgt Ion:	83	Resp:	75113
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.9	76.3

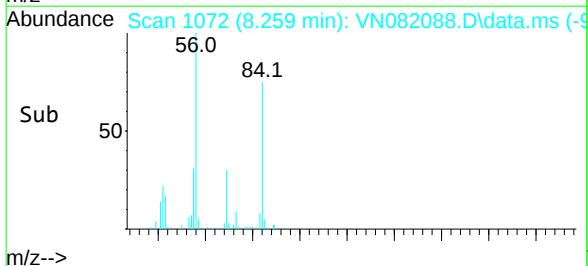
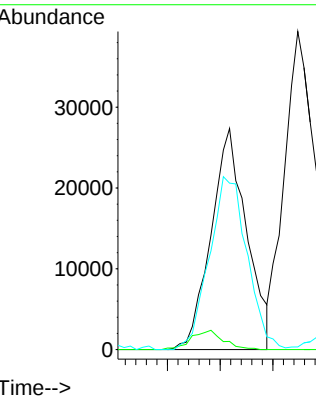
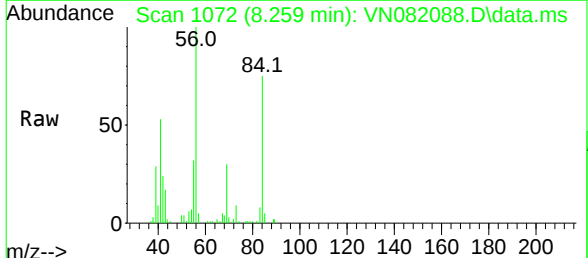
Manual Integrations
APPROVED

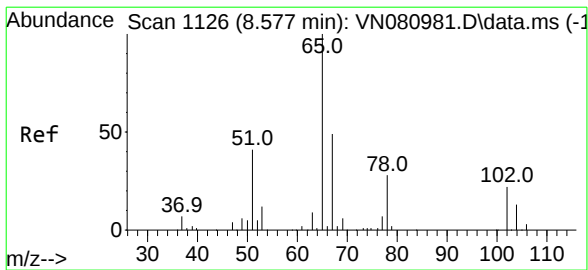
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#26
Cyclohexane
Concen: 22.268 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

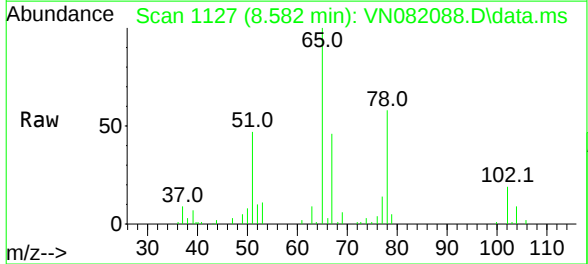
Tgt Ion:	56	Resp:	64265
Ion	Ratio	Lower	Upper
56	100		
89	7.8	19.3	28.9
84	82.9	71.3	106.9





#27
1,2-Dichloroethane-d4
Concen: 31.553 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

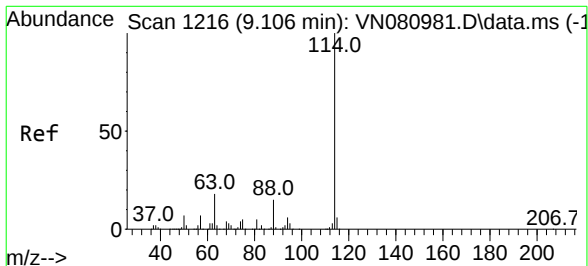
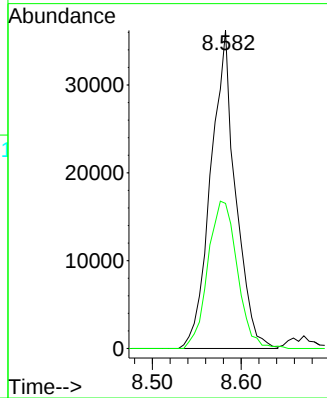
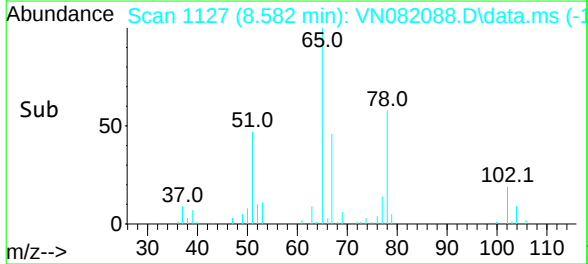
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion: 65 Resp: 70232
Ion Ratio Lower Upper
65 100
67 54.7 43.2 64.8

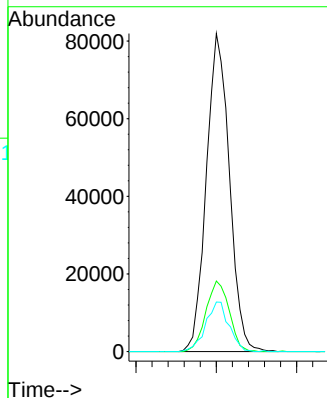
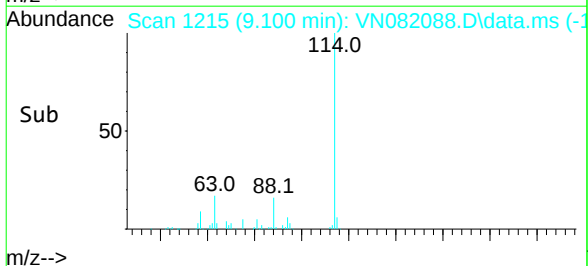
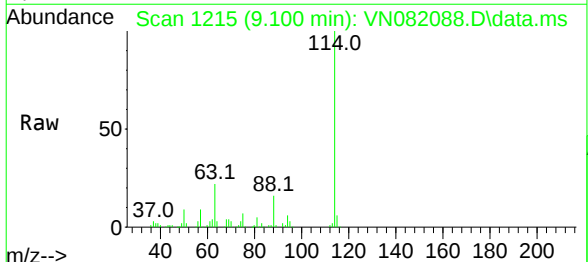
Manual Integrations
APPROVED

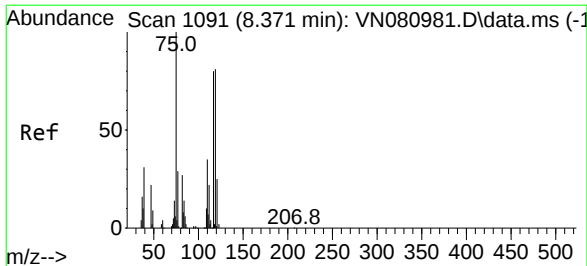
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

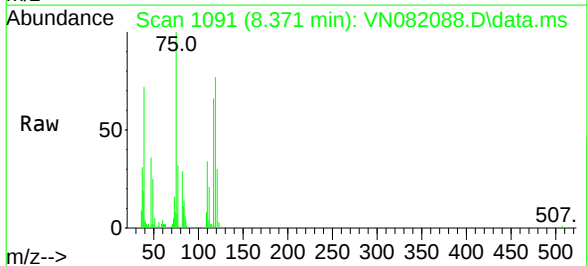
Tgt Ion:114 Resp: 163309
Ion Ratio Lower Upper
114 100
63 22.4 15.9 23.9
88 15.7 12.7 19.1





#29
1,1-Dichloropropene
Concen: 20.332 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

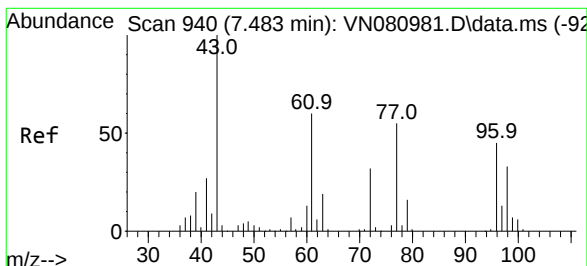
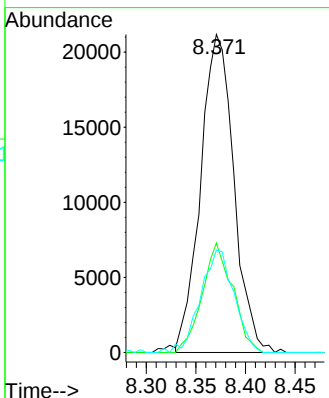
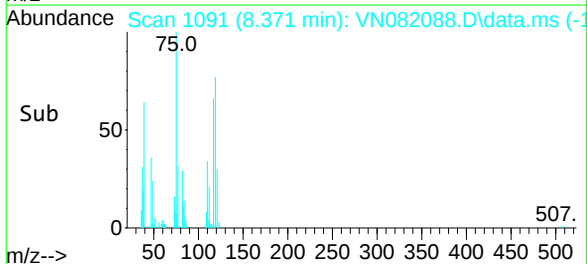
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.6	0.0	70.2
77	32.3	0.0	61.4

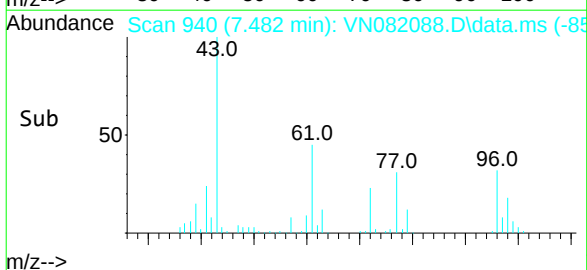
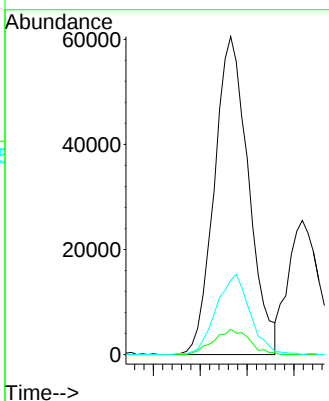
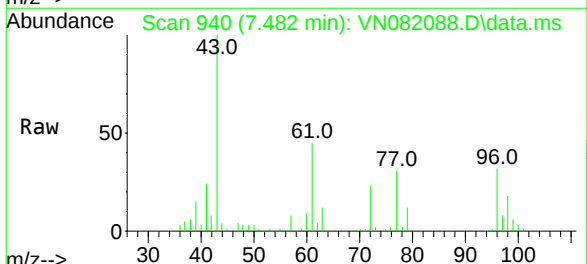
Manual Integrations
APPROVED

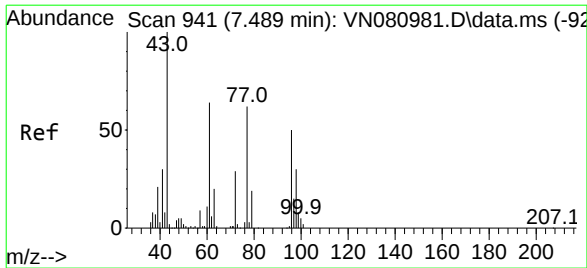
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#30
2-Butanone
Concen: 122.606 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.7	10.1
72	24.9	24.0	36.0





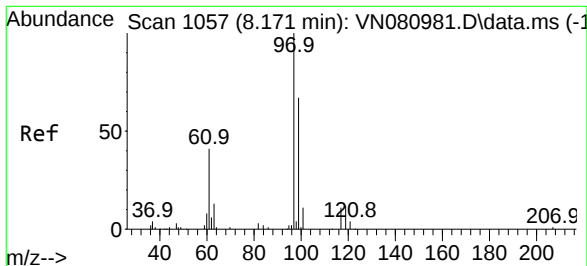
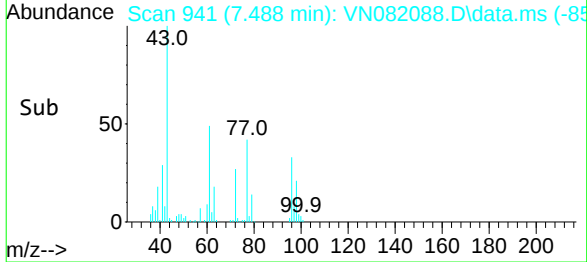
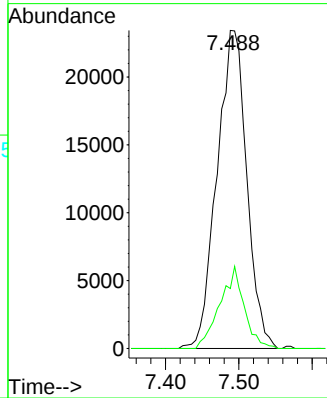
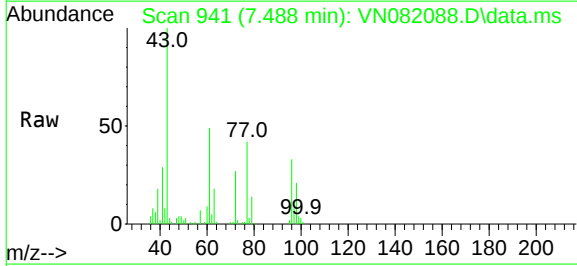
#31
2,2-Dichloropropane
Concen: 26.510 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion: 77 Resp: 66051
Ion Ratio Lower Upper
77 100
97 21.1 18.3 27.5

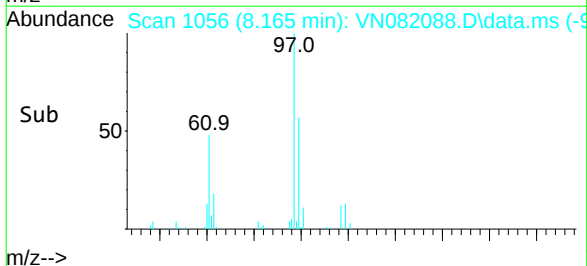
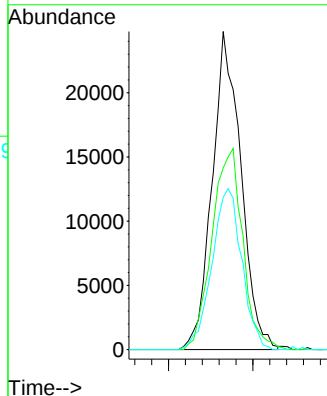
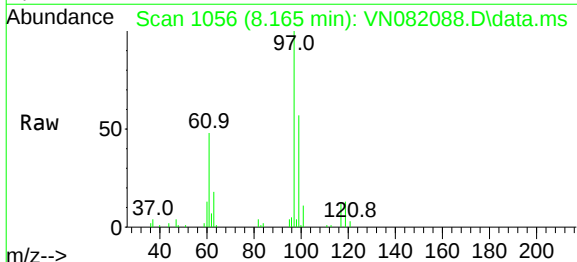
Manual Integrations
APPROVED

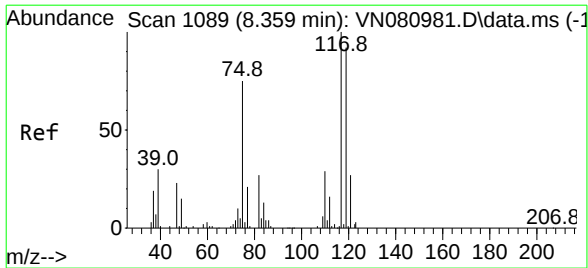
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#32
1,1,1-Trichloroethane
Concen: 20.930 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

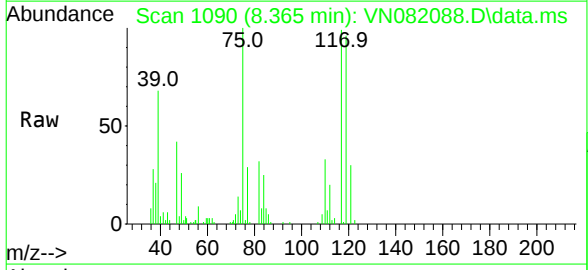
Tgt Ion: 97 Resp: 58524
Ion Ratio Lower Upper
97 100
99 67.7 51.0 76.4
61 52.7 33.8 50.8#





#33
Carbon Tetrachloride
Concen: 19.774 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

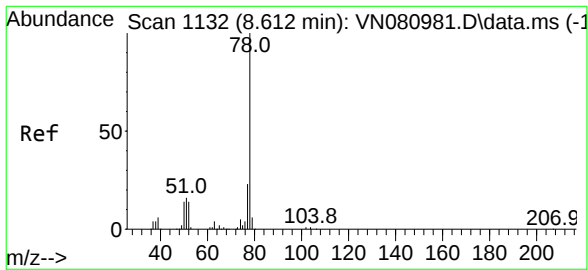
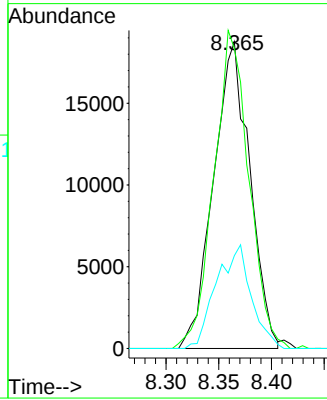
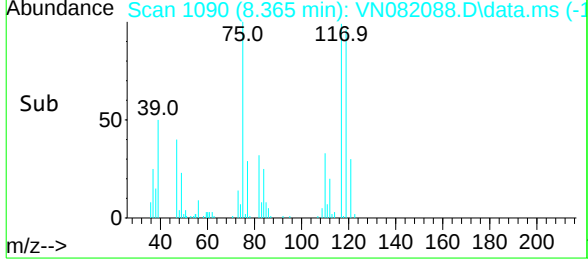
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



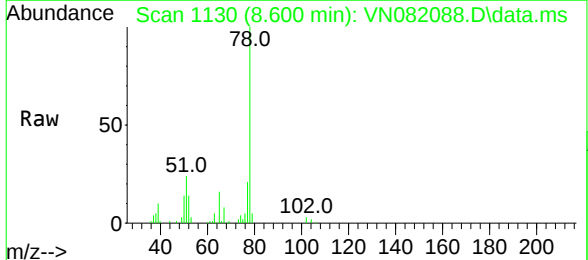
Tgt Ion: 117 Resp: 44872
Ion Ratio Lower Upper
117 100
119 96.2 77.7 116.5
121 30.3 27.0 40.6

Manual Integrations
APPROVED

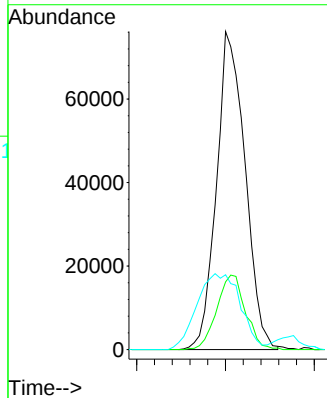
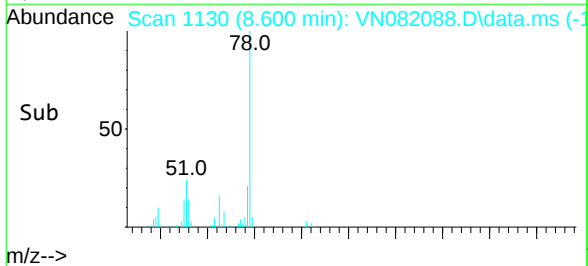
Reviewed By : John Carlone 05/14/2024
Supervised By : Mahesh Dadoda 05/14/2024

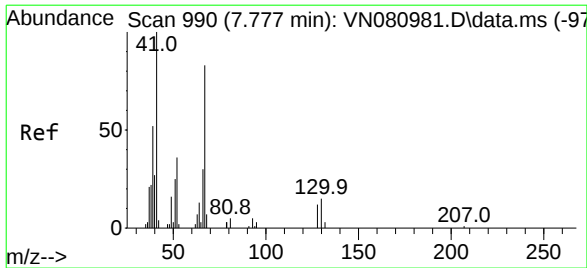


#34
Benzene
Concen: 21.953 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37



Tgt Ion: 78 Resp: 170275
Ion Ratio Lower Upper
78 100
77 21.3 19.2 28.8
51 21.3 13.3 19.9#





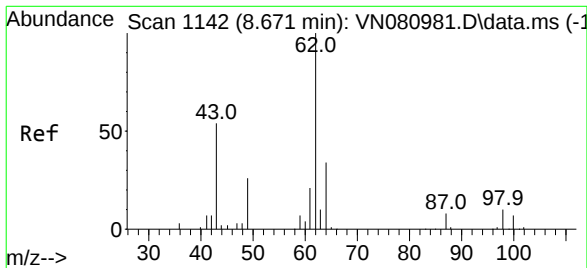
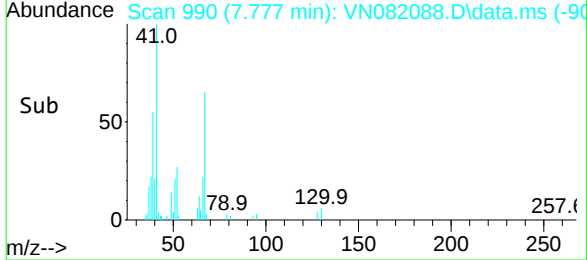
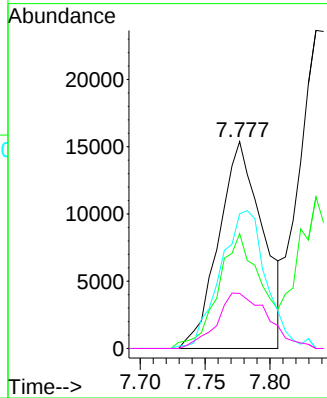
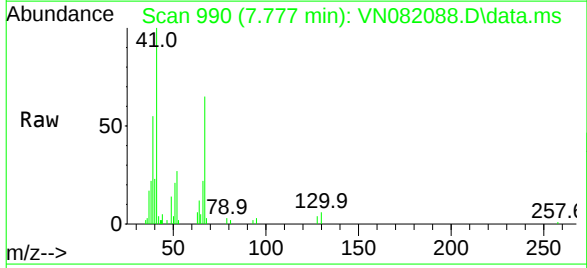
#35
Methacrylonitrile
Concen: 22.833 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion:	41	Resp:	36202
Ion	Ratio	Lower	Upper
41	100		
39	52.5	25.3	75.9
67	63.8	38.7	116.1
52	26.6	13.6	40.8

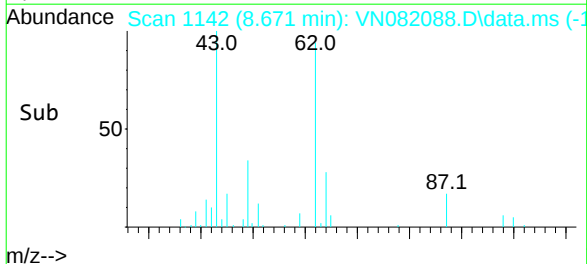
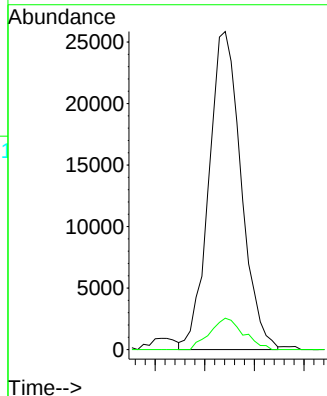
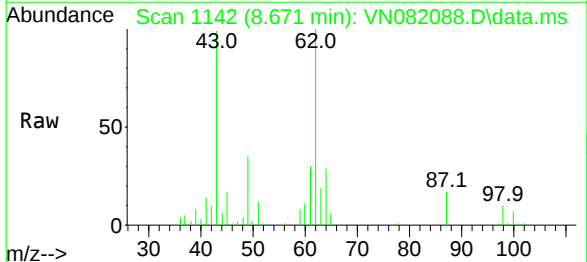
Manual Integrations
APPROVED

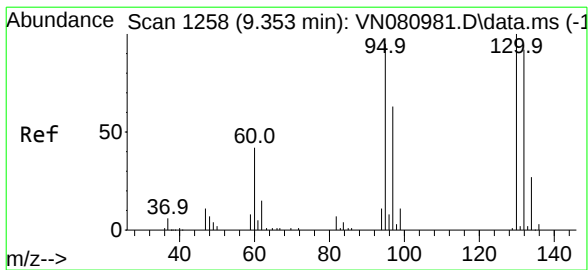
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#36
1,2-Dichloroethane
Concen: 22.447 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

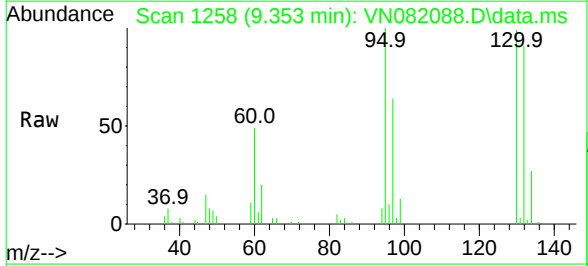
Tgt Ion:	62	Resp:	58446
Ion	Ratio	Lower	Upper
62	100		
98	10.3	8.2	12.4





#37
 Trichloroethene
 Concen: 18.990 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. -0.000 min
 Lab File: VN082088.D
 Acq: 13 May 2024 11:37

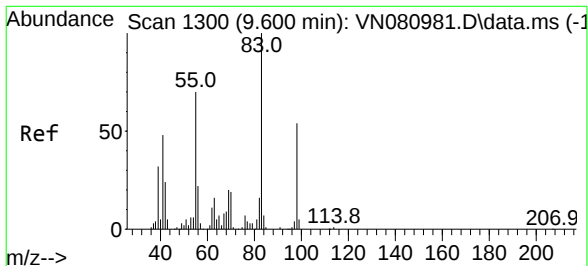
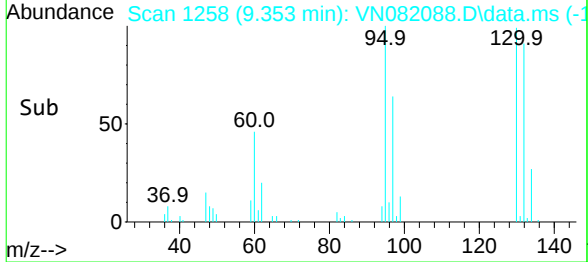
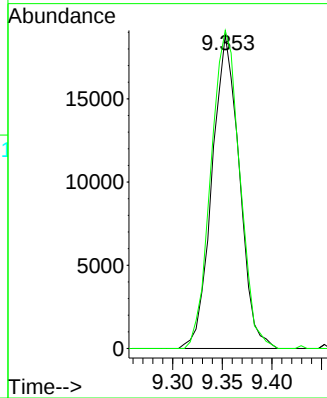
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBS01



Tgt Ion:130 Resp: 36076
 Ion Ratio Lower Upper
 130 100
 95 101.4 80.2 120.4

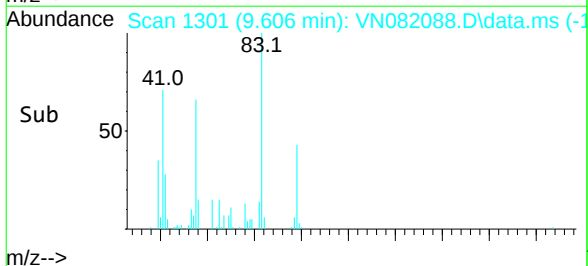
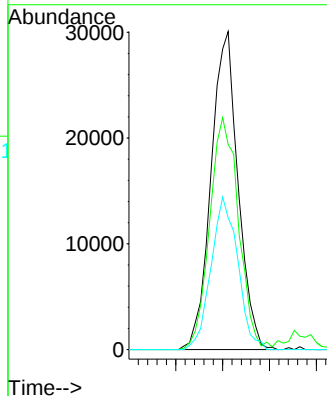
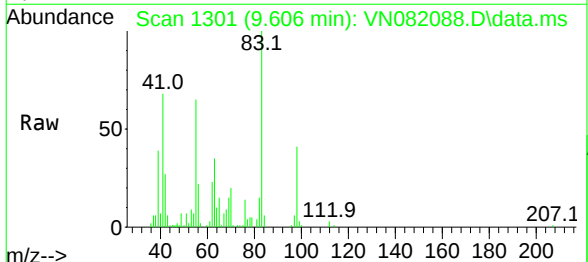
Manual Integrations
 APPROVED

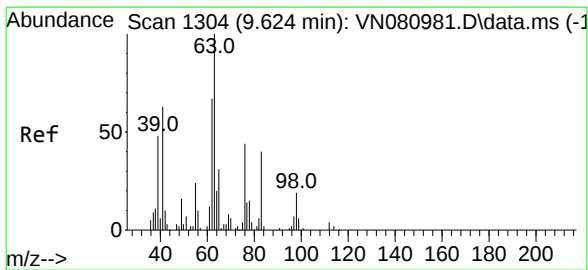
Reviewed By :John Carlone 05/14/2024
 Supervised By :Mahesh Dadoda 05/14/2024



#38
 Methylcyclohexane
 Concen: 20.489 ug/l
 RT: 9.606 min Scan# 1301
 Delta R.T. -0.000 min
 Lab File: VN082088.D
 Acq: 13 May 2024 11:37

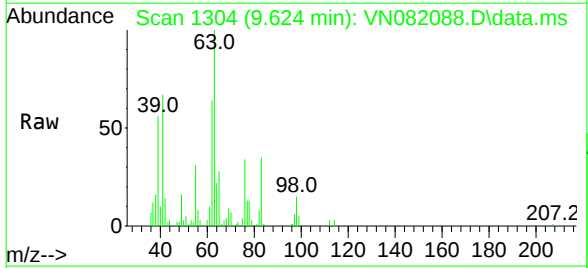
Tgt Ion: 83 Resp: 60176
 Ion Ratio Lower Upper
 83 100
 55 77.9 36.6 109.9
 98 47.4 23.8 71.5





#39
1,2-Dichloropropane
Concen: 23.817 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

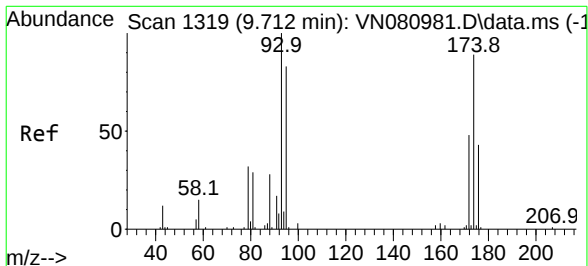
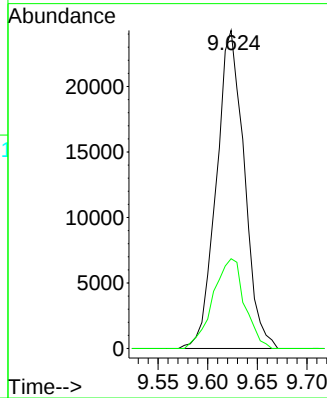
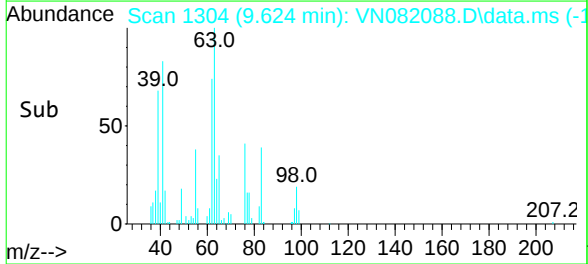
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion: 63 Resp: 47400
Ion Ratio Lower Upper
63 100
65 28.2 25.0 37.4

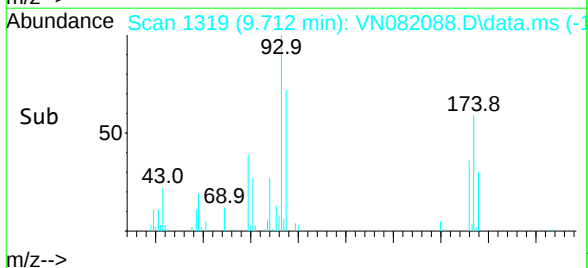
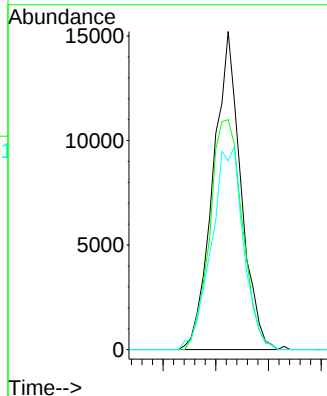
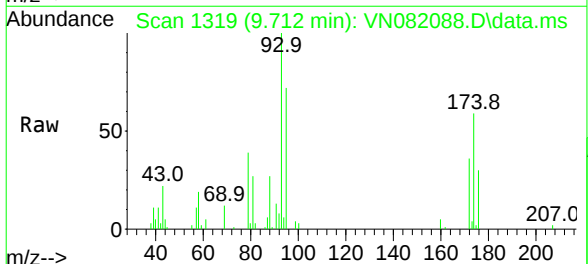
Manual Integrations
APPROVED

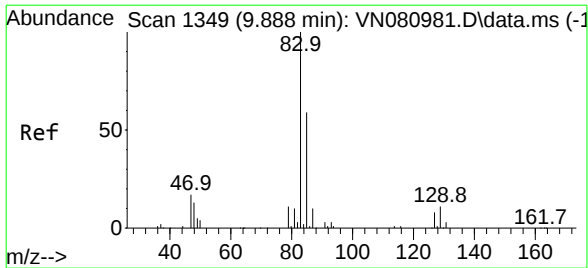
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#40
Dibromomethane
Concen: 21.776 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 93 Resp: 27841
Ion Ratio Lower Upper
93 100
95 84.2 0.0 164.6
174 73.6 0.0 193.2





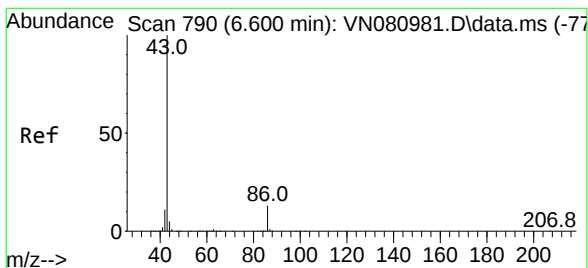
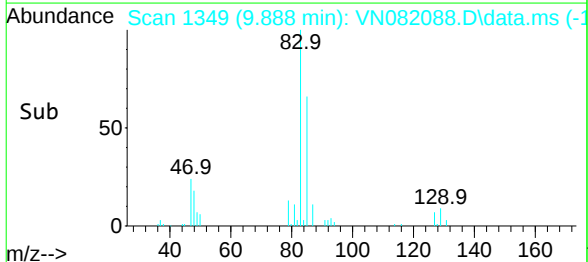
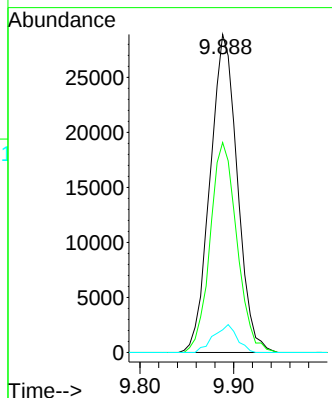
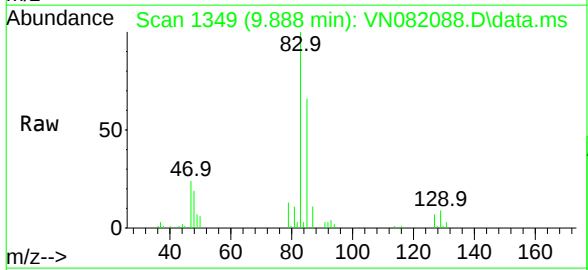
#41
Bromodichloromethane
Concen: 21.373 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument : MSVOA_N
ClientSampleId : VN0513WBS01

Tgt Ion:	83	Resp:	58406
Ion Ratio	Lower	Upper	
83	100		
85	66.0	49.4	74.2
127	7.1	7.3	10.9

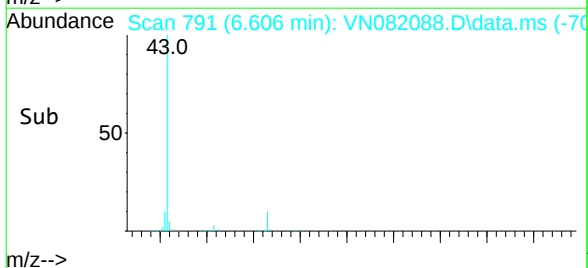
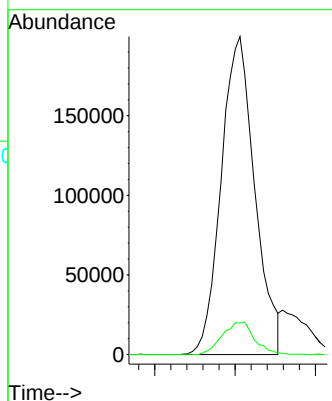
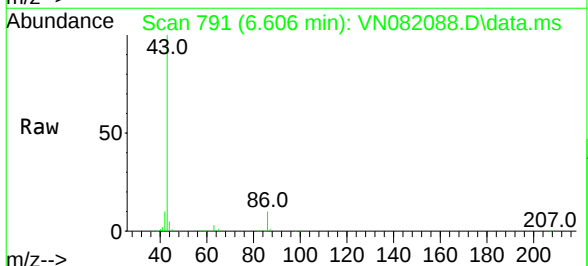
Manual Integrations
APPROVED

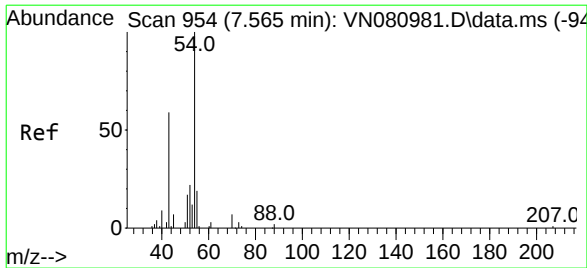
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#42
Vinyl Acetate
Concen: 108.815 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

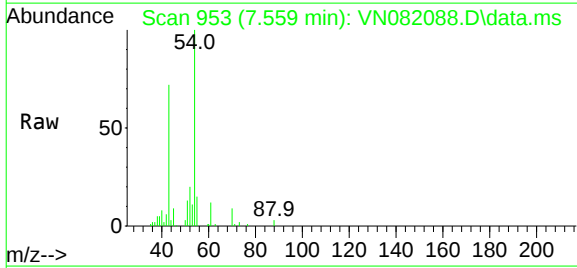
Tgt Ion:	43	Resp:	580448
Ion Ratio	Lower	Upper	
43	100		
86	9.8	9.4	14.2





#43
Ethyl Acetate
Concen: 21.983 ug/l
RT: 7.559 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

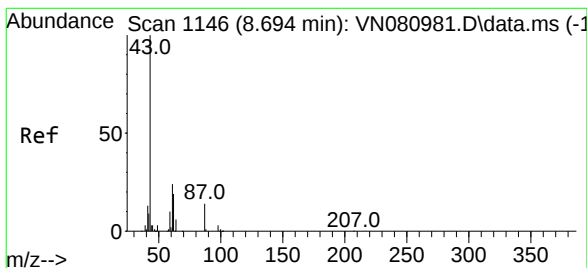
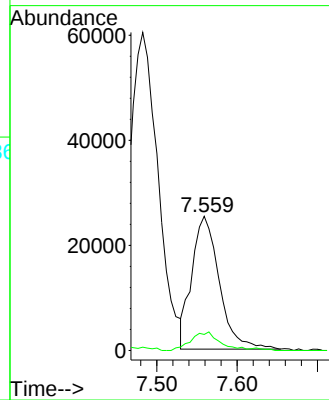
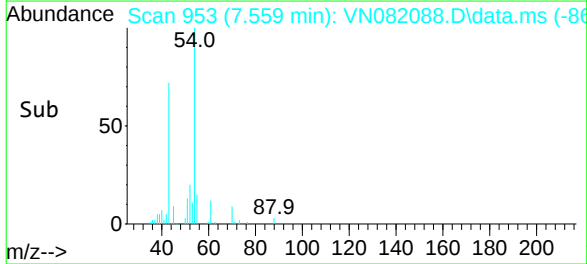
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion: 43 Resp: 60069
Ion Ratio Lower Upper
43 100
45 14.5 10.6 15.8

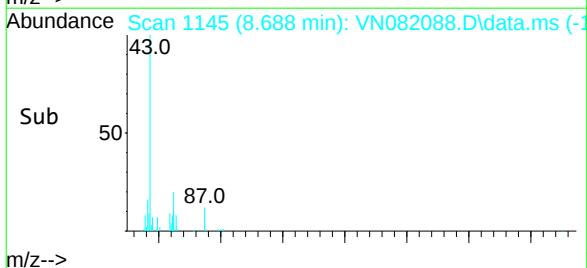
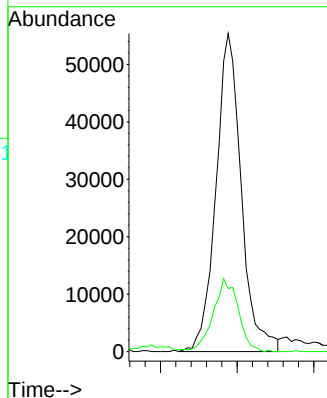
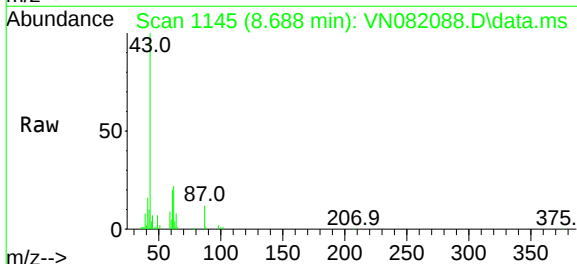
Manual Integrations
APPROVED

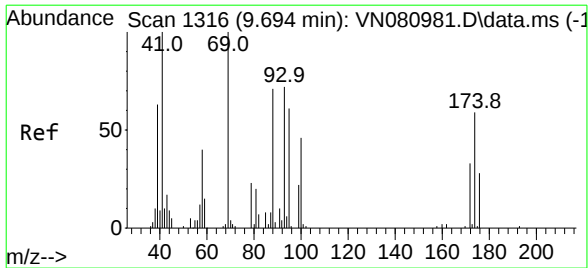
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#44
Isopropyl Acetate
Concen: 26.154 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

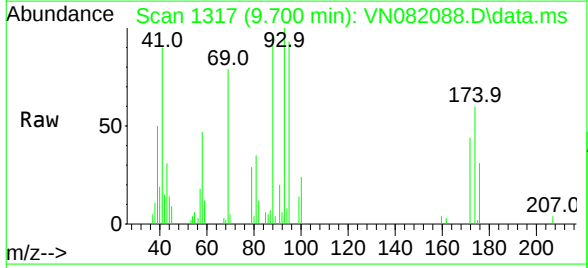
Tgt Ion: 43 Resp: 126875
Ion Ratio Lower Upper
43 100
61 22.5 25.0 37.4#





#45
1,4-Dioxane
Concen: 447.253 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

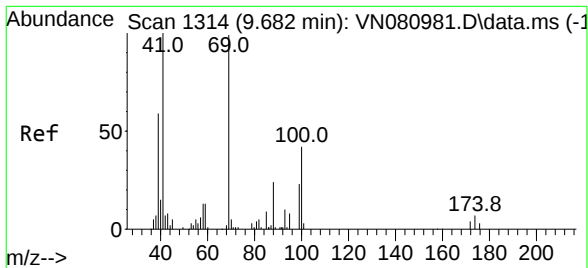
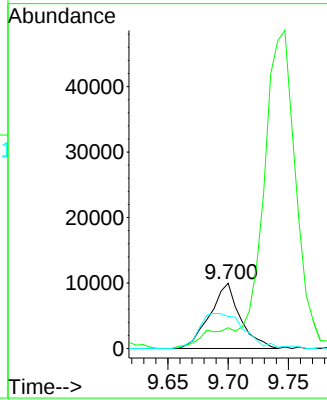
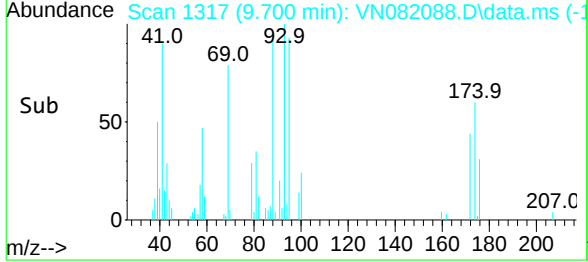
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion: 88 Resp: 17400
Ion Ratio Lower Upper
88 100
43 17.2 19.8 29.6#
58 0.0 55.4 83.0#

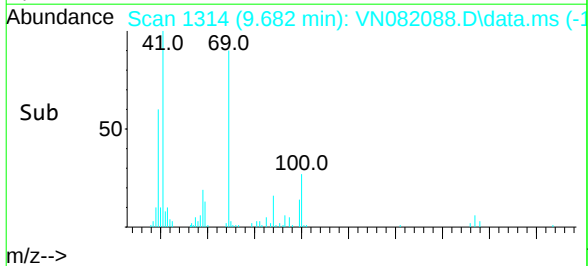
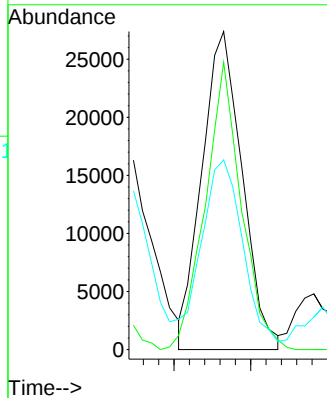
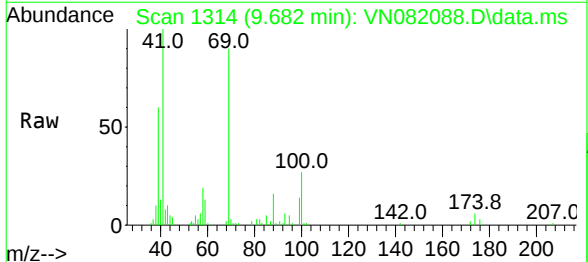
Manual Integrations
APPROVED

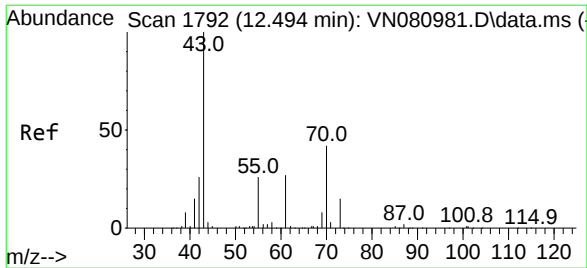
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#46
Methyl methacrylate
Concen: 22.520 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 41 Resp: 49911
Ion Ratio Lower Upper
41 100
69 91.3 51.1 153.3
39 59.7 25.8 77.3





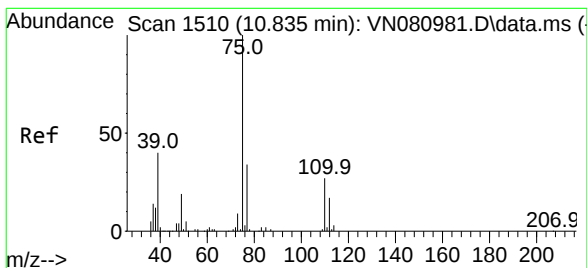
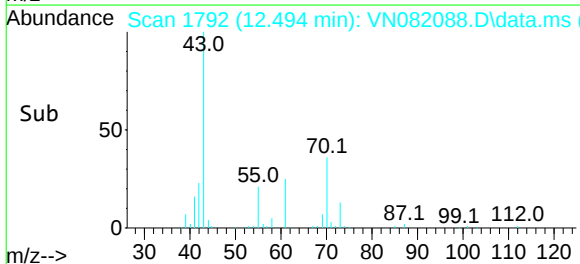
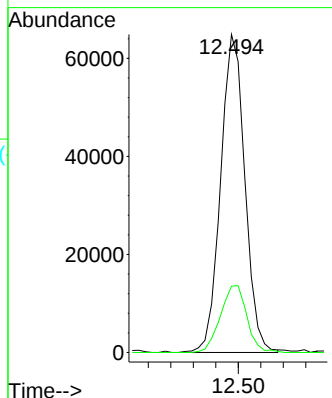
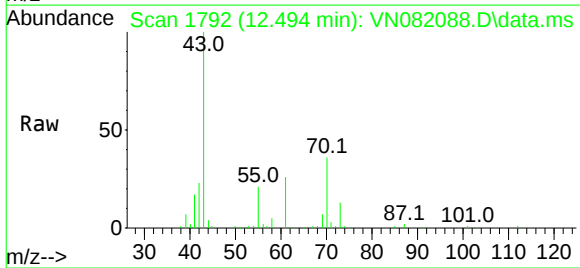
#47
n-amy1 Acetate
Concen: 22.190 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion: 43 Resp: 97091
Ion Ratio Lower Upper
43 100
55 22.9 23.4 35.2#

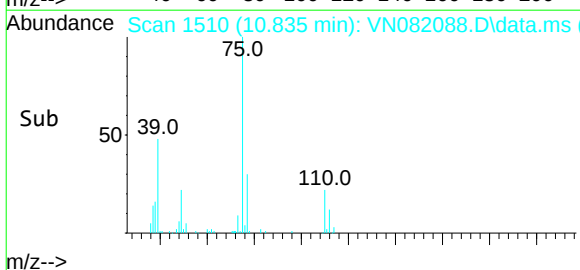
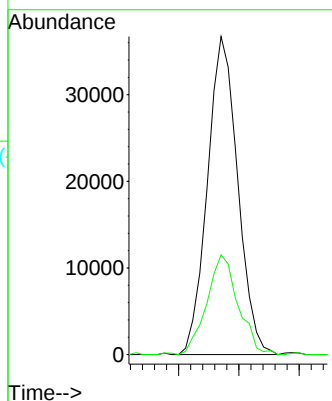
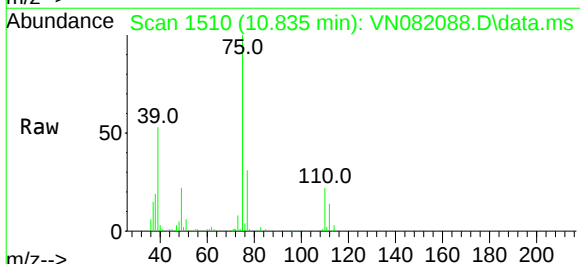
Manual Integrations
APPROVED

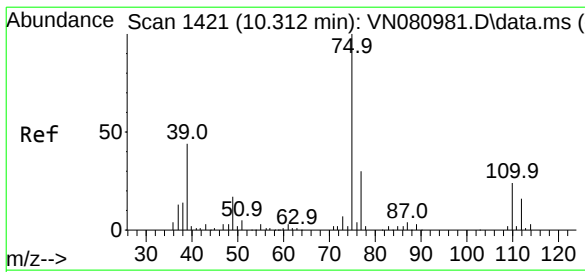
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#48
t-1,3-Dichloropropene
Concen: 21.619 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

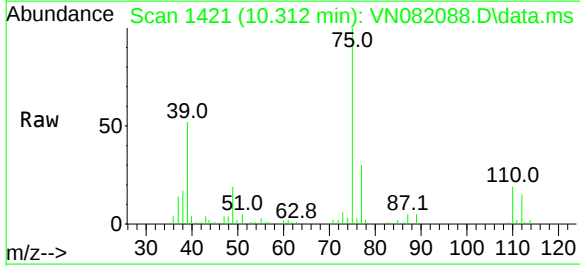
Tgt Ion: 75 Resp: 64066
Ion Ratio Lower Upper
75 100
77 31.4 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 22.067 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

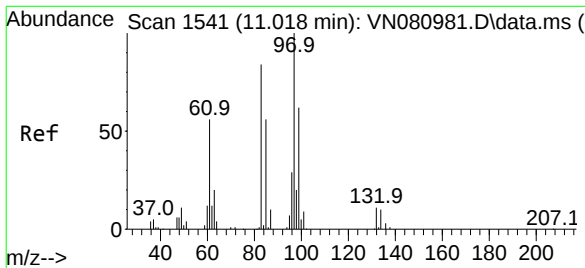
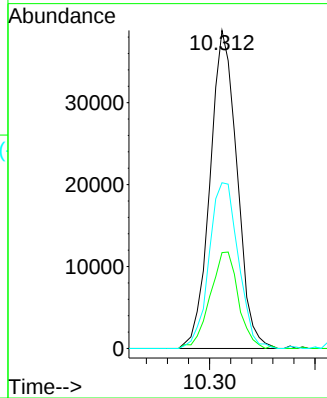
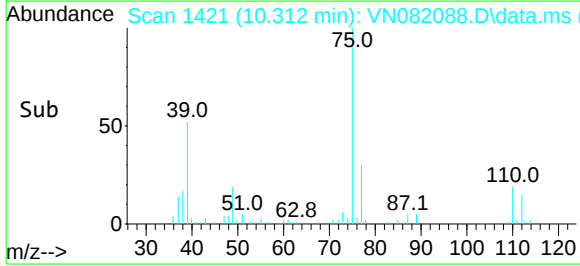
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



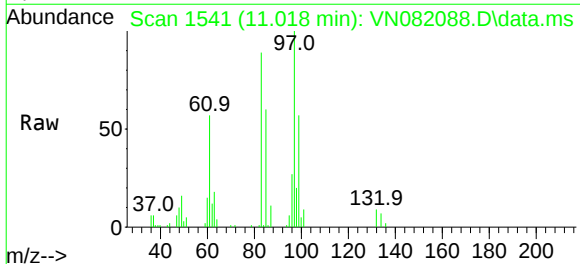
Tgt Ion: 75 Resp: 69140
Ion Ratio Lower Upper
75 100
77 30.1 24.9 37.3
39 52.1 31.0 46.6#

Manual Integrations
APPROVED

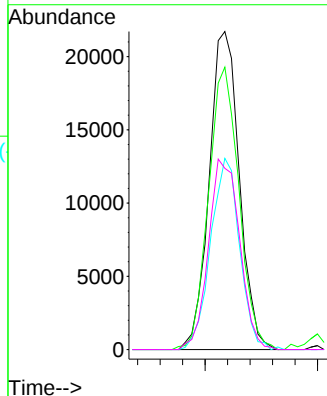
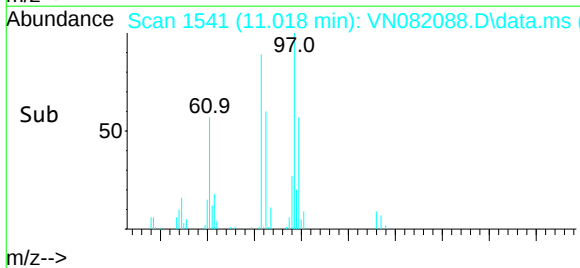
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

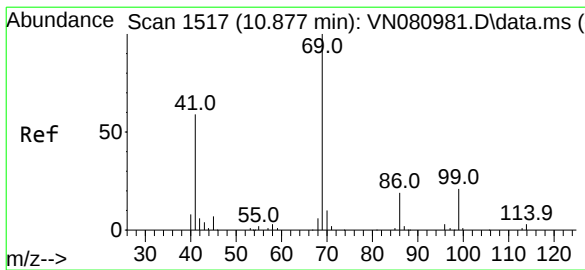


#50
1,1,2-Trichloroethane
Concen: 23.291 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37



Tgt Ion: 97 Resp: 40400
Ion Ratio Lower Upper
97 100
83 88.8 68.1 102.1
85 60.1 41.8 62.6
99 57.0 47.0 70.4





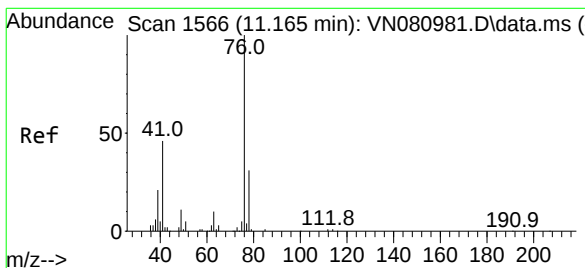
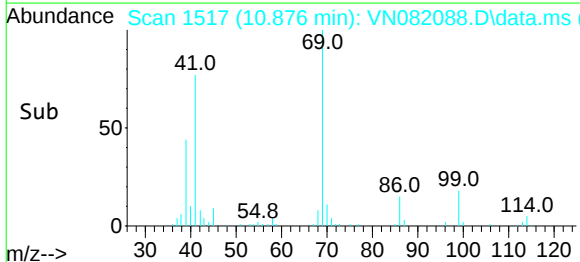
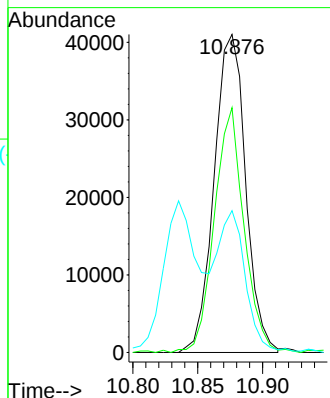
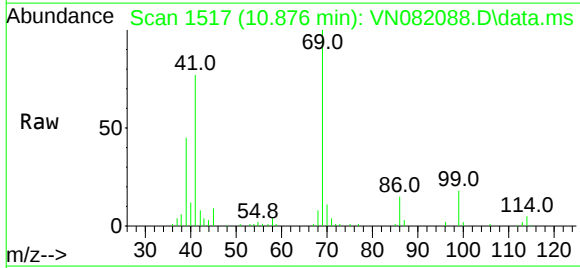
#51
Ethyl methacrylate
Concen: 21.195 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion:	69	Resp:	69388
Ion	Ratio	Lower	Upper
69	100		
41	76.2	25.5	76.5
39	43.7	16.0	47.9

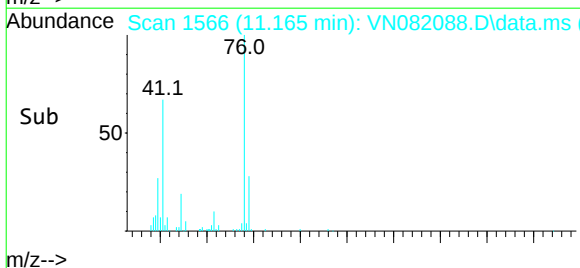
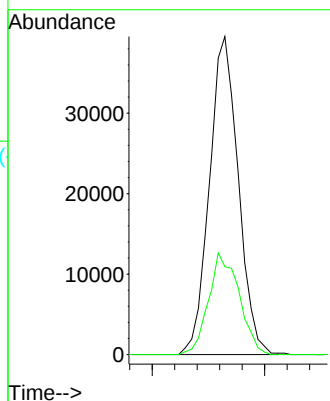
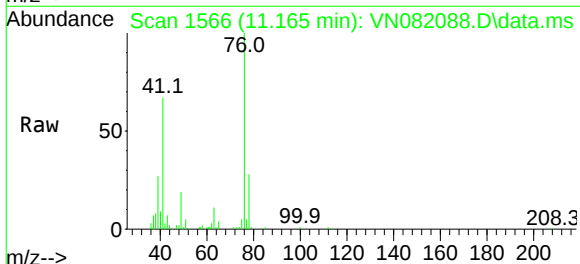
Manual Integrations
APPROVED

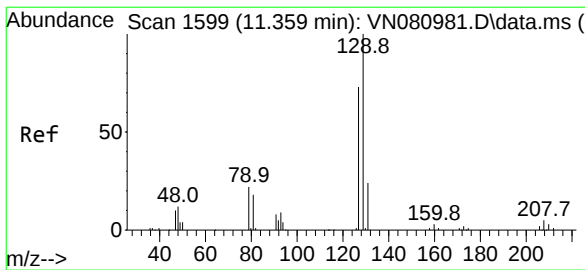
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#52
1,3-Dichloropropane
Concen: 22.121 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion:	76	Resp:	70496
Ion	Ratio	Lower	Upper
76	100		
78	33.8	0.0	65.8





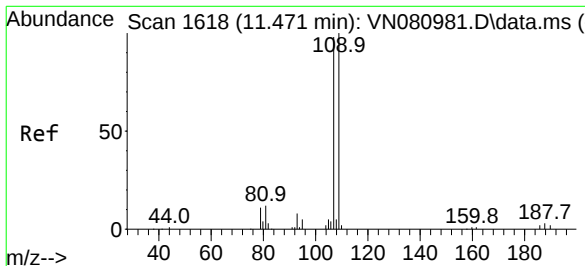
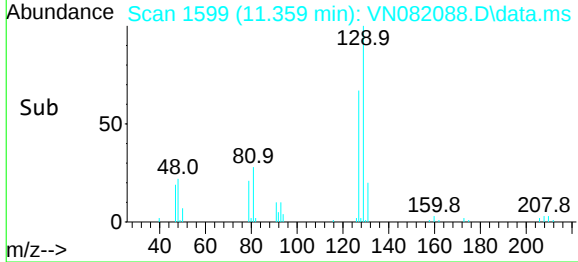
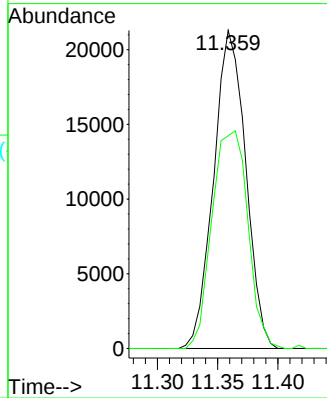
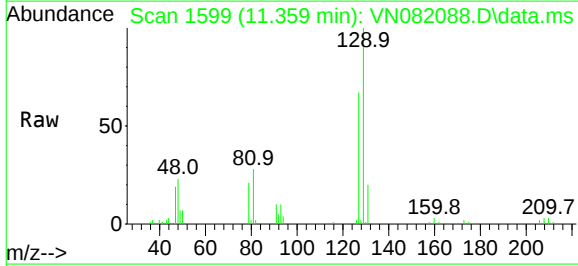
#53
Dibromochloromethane
Concen: 20.890 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion:129 Resp: 39424
Ion Ratio Lower Upper
129 100
127 76.5 39.4 118.1

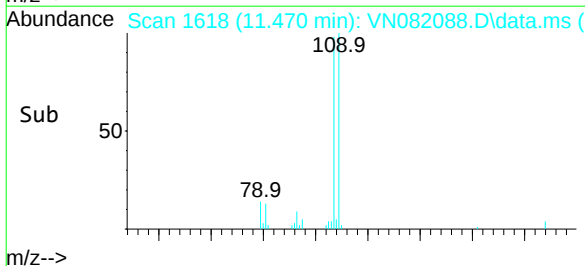
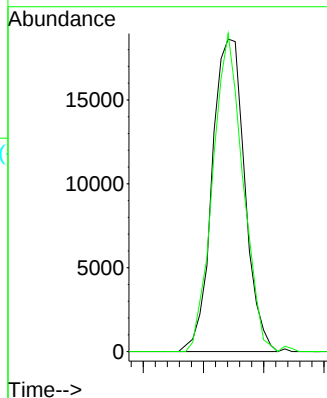
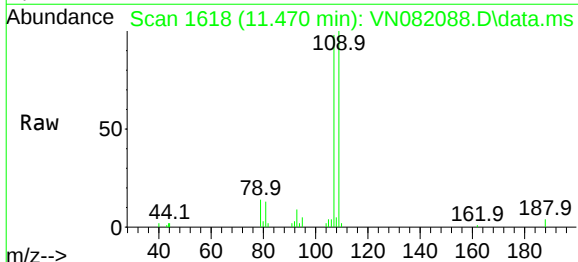
Manual Integrations
APPROVED

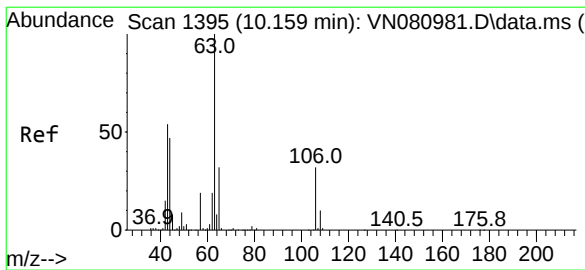
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#54
1,2-Dibromoethane
Concen: 20.214 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion:107 Resp: 34968
Ion Ratio Lower Upper
107 100
109 94.1 74.7 112.1





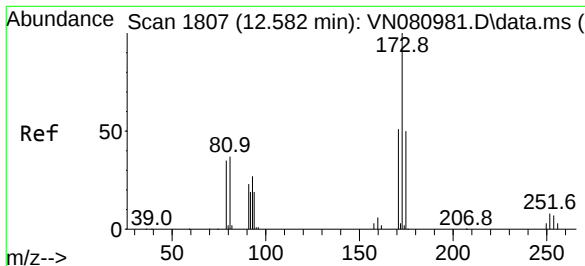
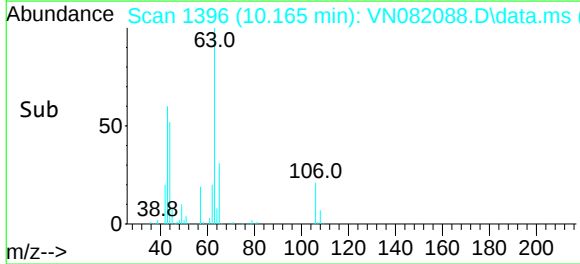
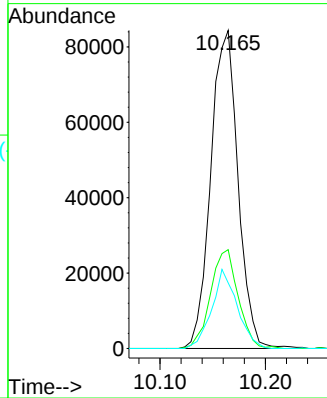
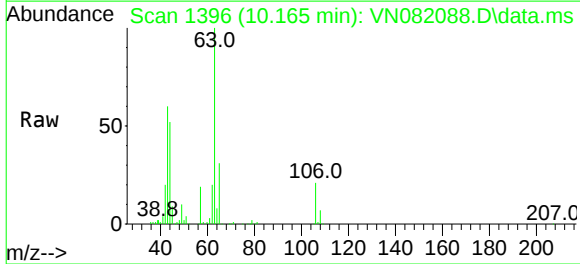
#55
2-Chloroethyl vinyl ether
Concen: 92.441 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.4	26.2	39.2
106	23.3	23.8	35.8

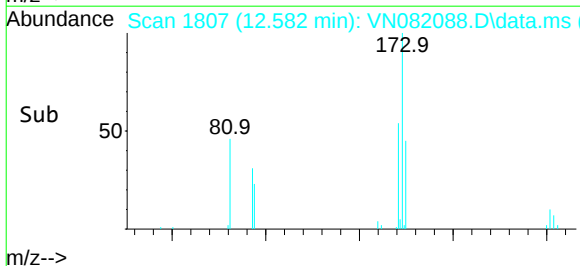
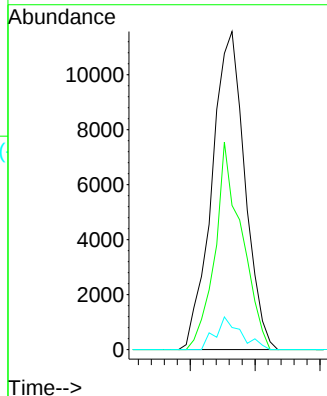
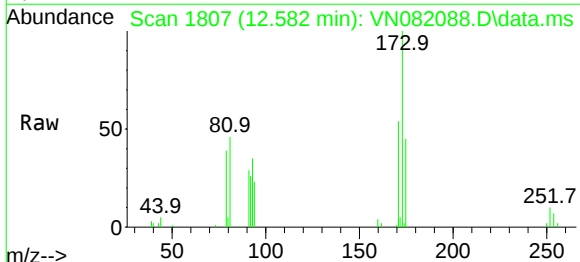
Manual Integrations
APPROVED

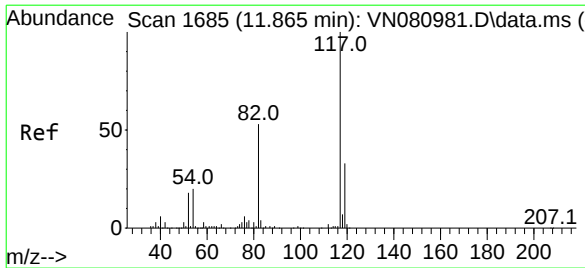
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#56
Bromoform
Concen: 17.792 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion	Ratio	Lower	Upper
173	100		
175	53.0	40.0	60.0
254	6.9	8.3	12.5





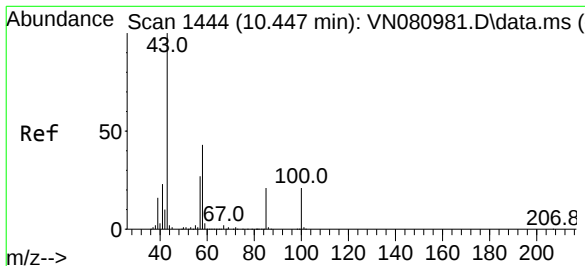
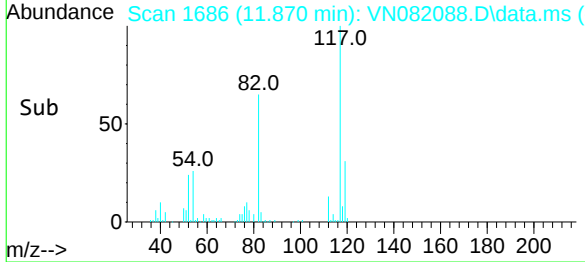
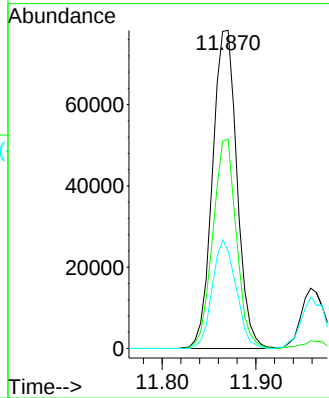
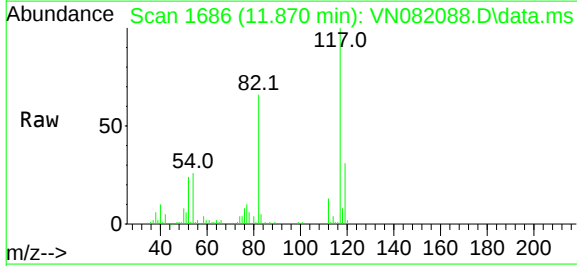
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion:	117	Resp:	142004
Ion	Ratio	Lower	Upper
117	100		
82	63.4	46.6	69.8
119	33.1	25.4	38.2

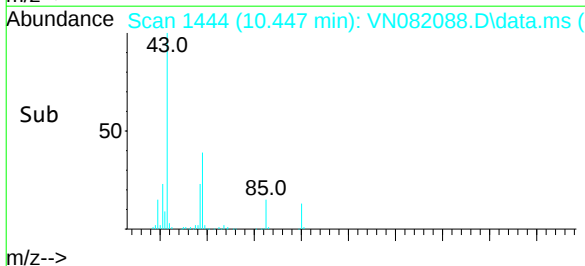
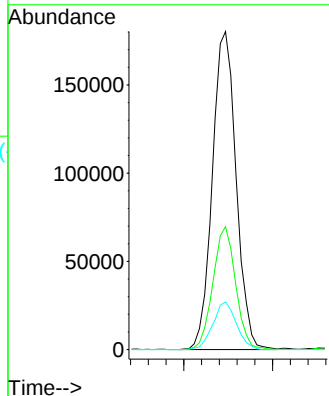
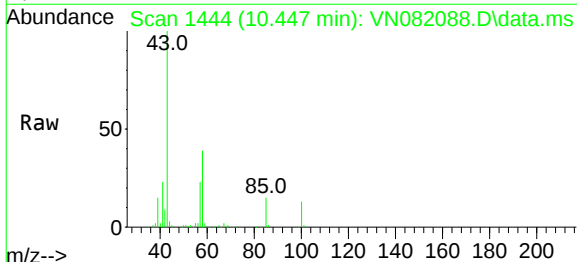
Manual Integrations
APPROVED

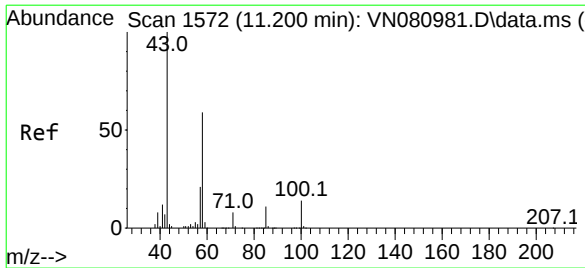
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#58
4-Methyl-2-Pentanone
Concen: 121.517 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

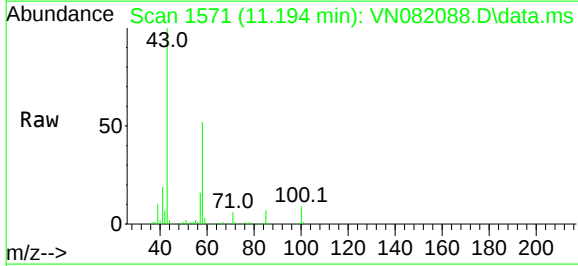
Tgt Ion:	43	Resp:	335058
Ion	Ratio	Lower	Upper
43	100		
58	37.0	36.5	54.7
85	14.8	19.5	29.3





#59
2-Hexanone
Concen: 124.043 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

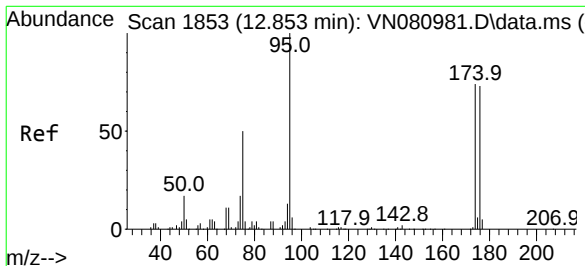
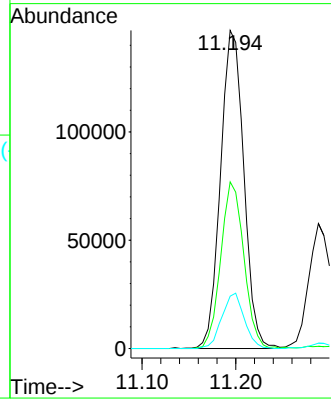
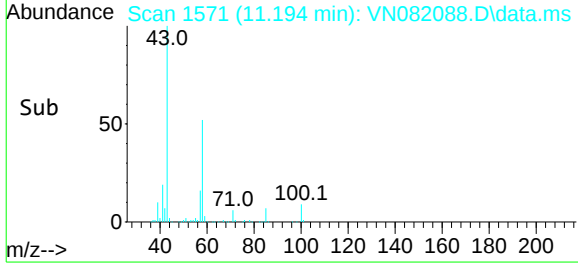
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



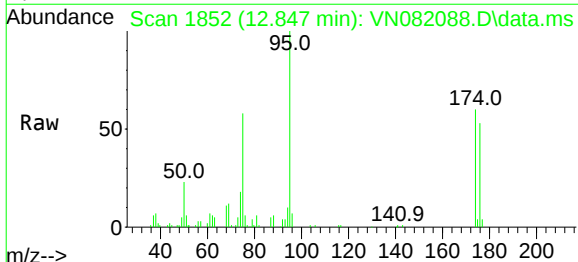
Tgt Ion: 43 Resp: 253590
Ion Ratio Lower Upper
43 100
58 51.9 50.4 75.6
57 16.8 18.6 27.8#

Manual Integrations
APPROVED

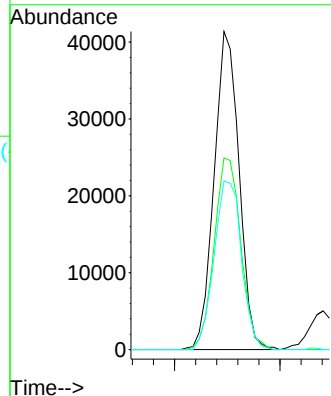
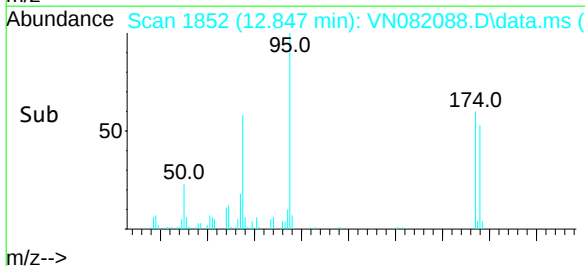
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

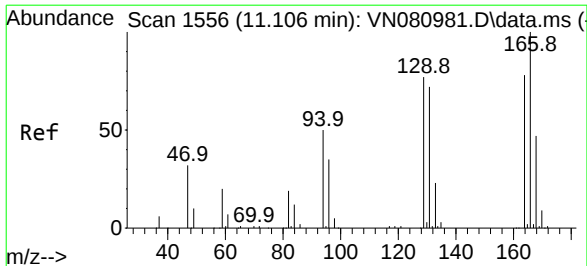


#60
4-Bromofluorobenzene
Concen: 28.778 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37



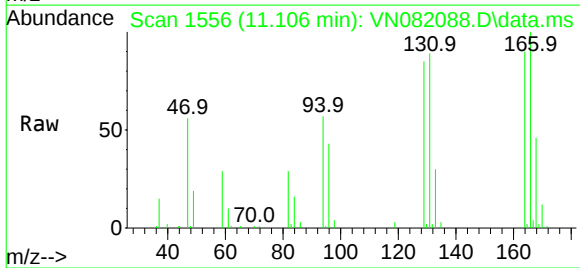
Tgt Ion: 95 Resp: 68009
Ion Ratio Lower Upper
95 100
174 64.3 60.5 90.7
176 58.3 57.8 86.6





#61
Tetrachloroethene
Concen: 19.130 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

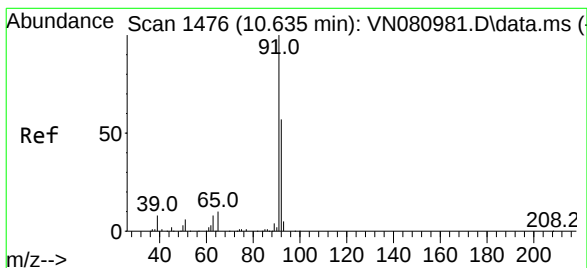
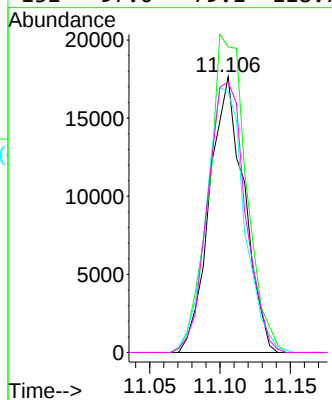
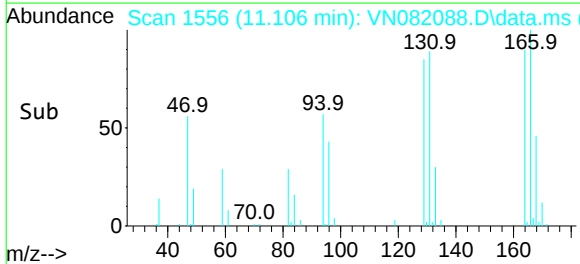
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



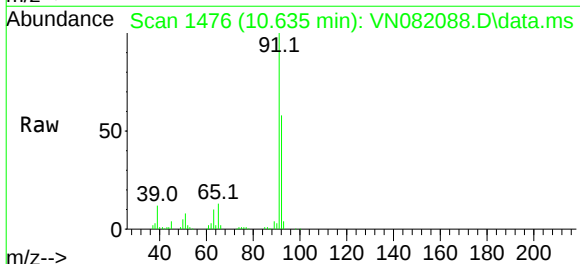
Tgt Ion	Ratio	Lower	Upper
164	100		
166	108.9	106.7	160.1
129	92.9	85.8	128.6
131	97.0	79.1	118.7

Manual Integrations
APPROVED

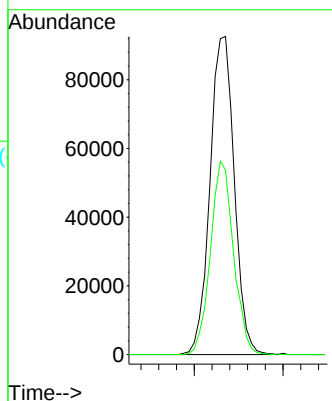
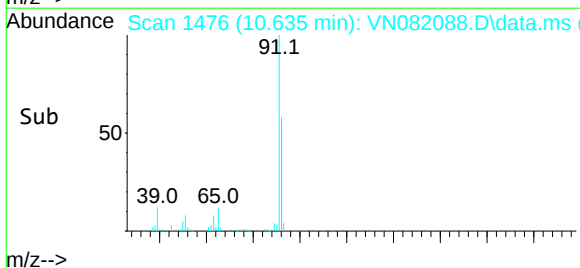
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

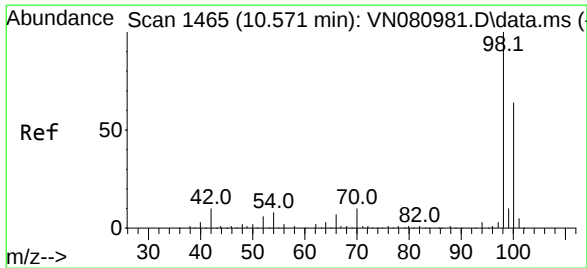


#62
Toluene
Concen: 22.047 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37



Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.7	46.5	69.7





#63

Toluene-d8

Concen: 30.932 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBS01

Tgt Ion: 98 Resp: 208601

Ion Ratio Lower Upper

98 100

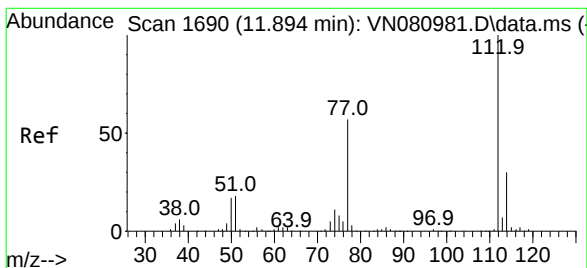
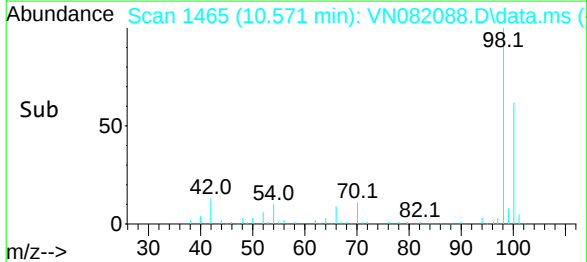
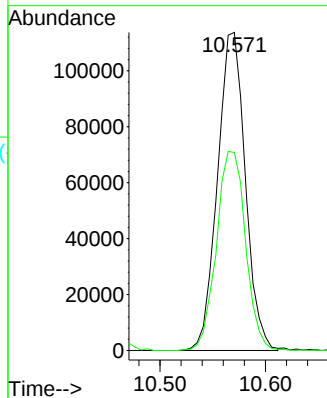
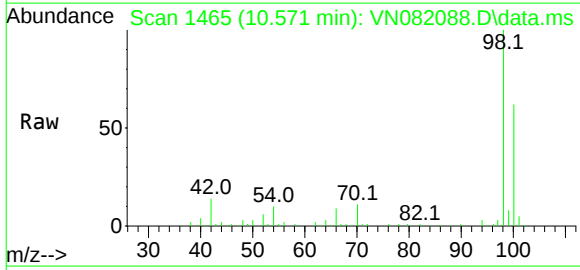
100 65.4 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#64

Chlorobenzene

Concen: 21.547 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN082088.D

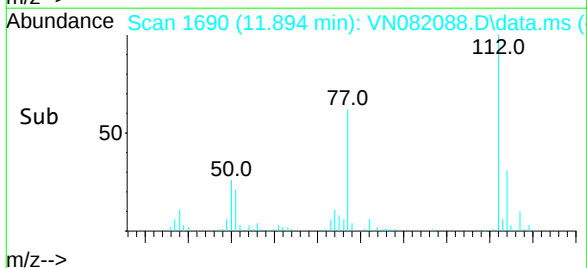
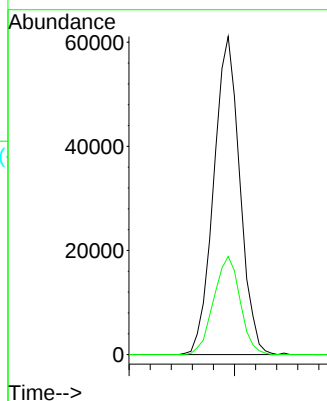
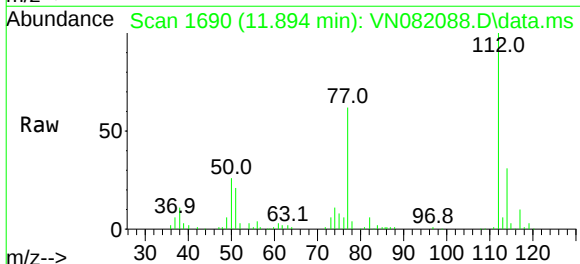
Acq: 13 May 2024 11:37

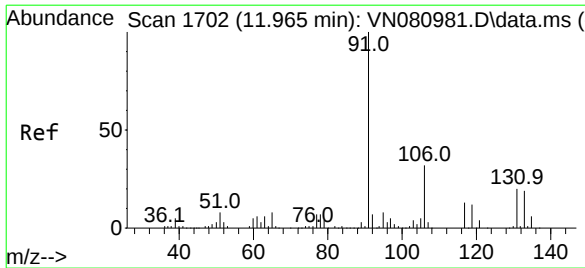
Tgt Ion:112 Resp: 105299

Ion Ratio Lower Upper

112 100

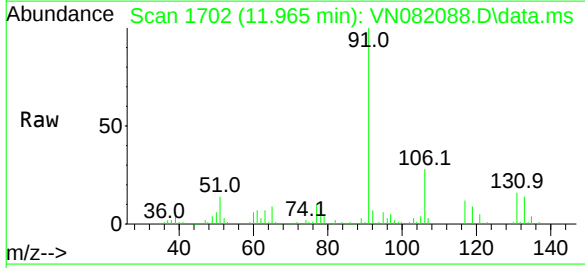
114 30.9 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 20.991 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

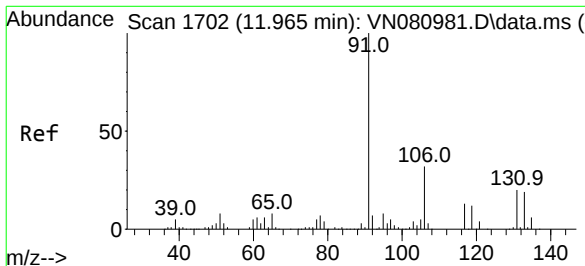
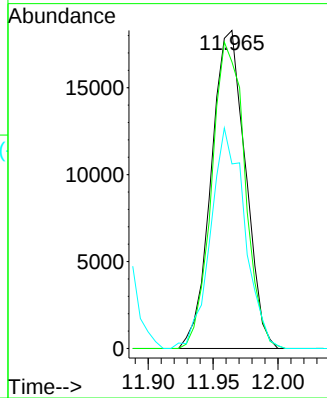
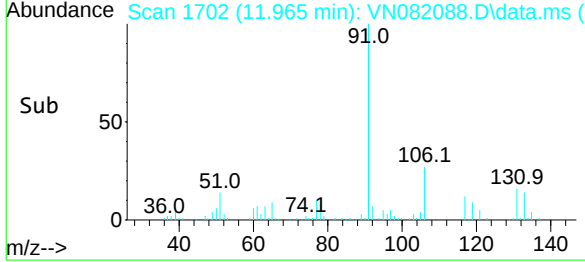
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion: 131 Resp: 33575
Ion Ratio Lower Upper
131 100
133 93.7 0.0 188.0
119 69.0 0.0 122.8

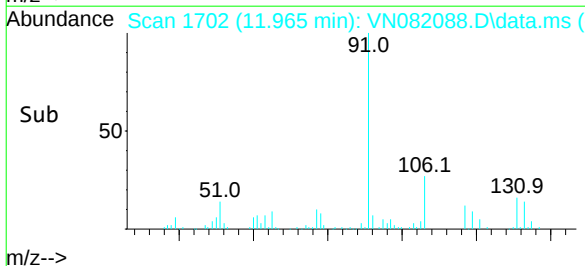
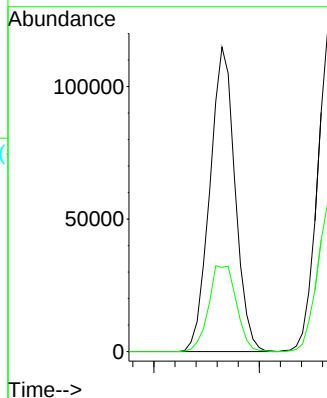
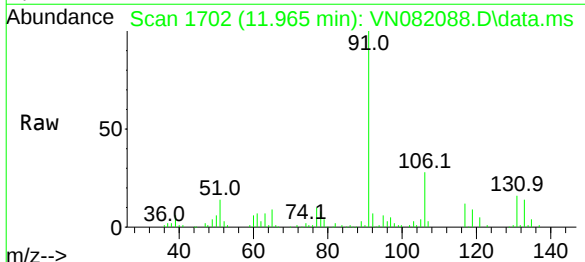
Manual Integrations
APPROVED

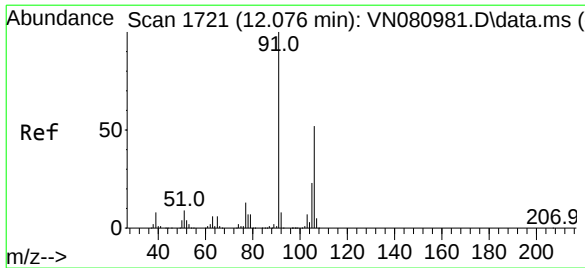
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#66
Ethyl Benzene
Concen: 21.817 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 91 Resp: 191075
Ion Ratio Lower Upper
91 100
106 27.7 24.4 36.6





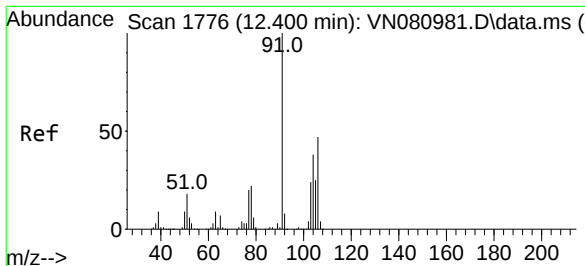
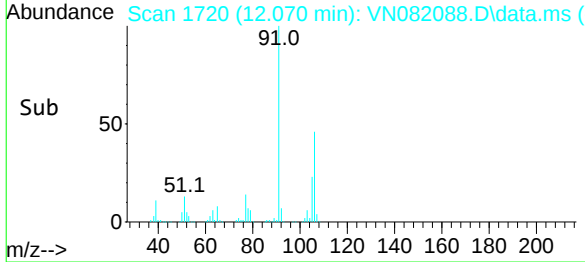
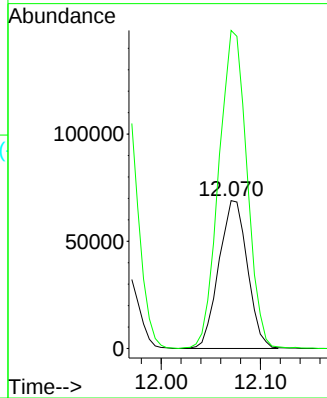
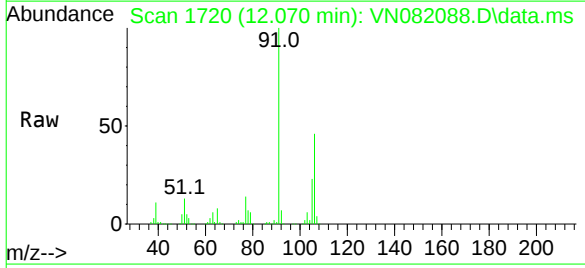
#67
m/p-Xylenes
Concen: 42.453 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion:106 Resp: 137853
Ion Ratio Lower Upper
106 100
91 212.3 166.6 249.8

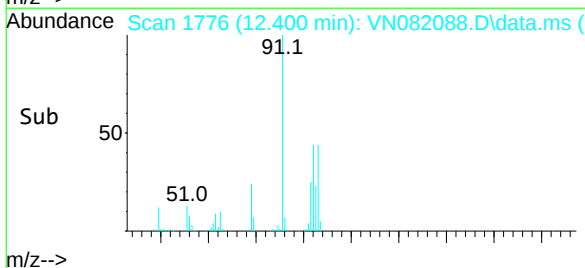
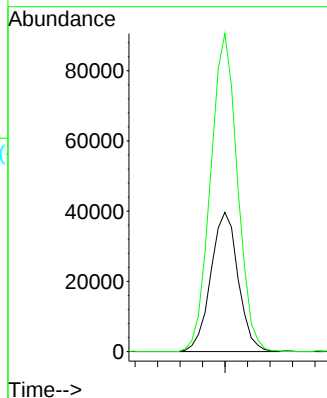
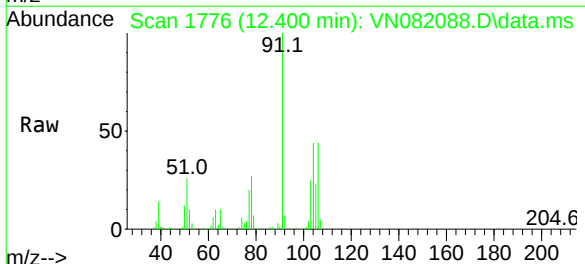
Manual Integrations
APPROVED

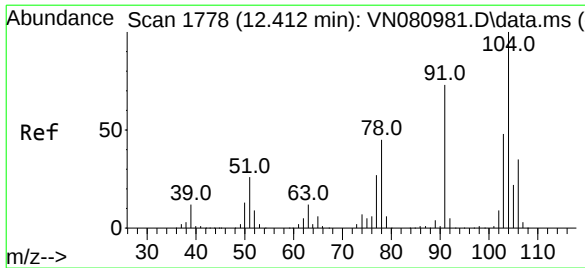
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#68
o-Xylene
Concen: 20.885 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion:106 Resp: 67097
Ion Ratio Lower Upper
106 100
91 224.4 110.0 330.0





#69

Styrene

Concen: 21.527 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBS01

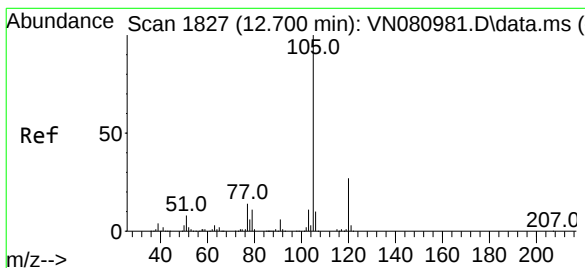
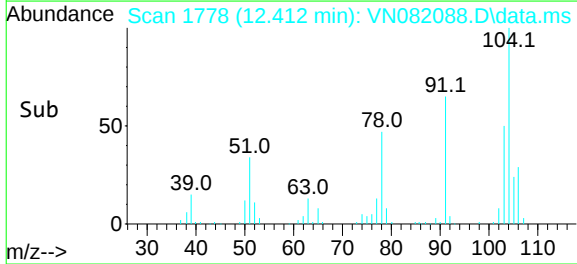
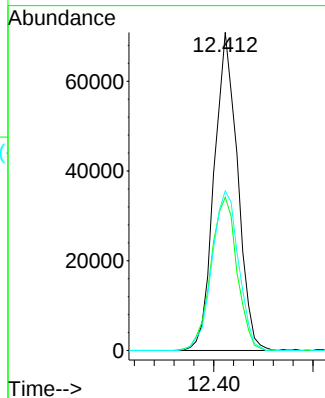
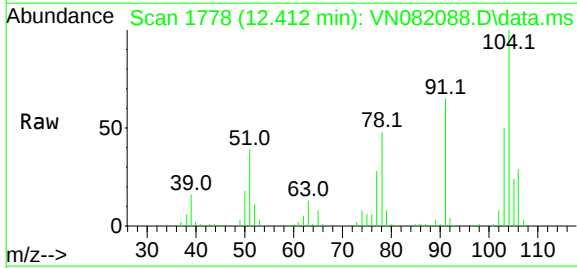
Tgt Ion:	104	Resp:	116096
Ion	Ratio	Lower	Upper
104	100		
78	53.9	42.6	64.0
103	57.0	43.7	65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#70

Isopropylbenzene

Concen: 21.800 ug/l

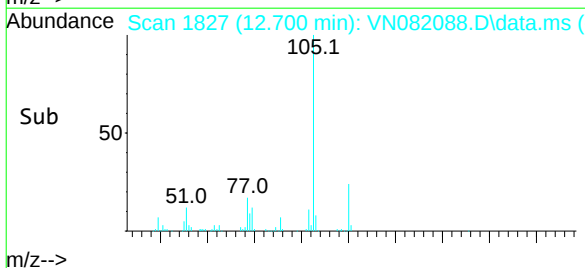
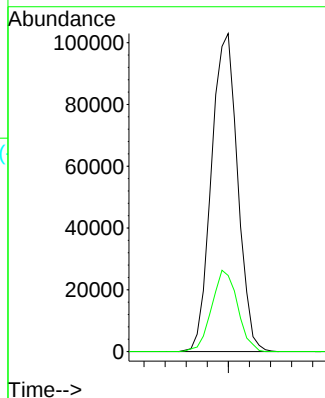
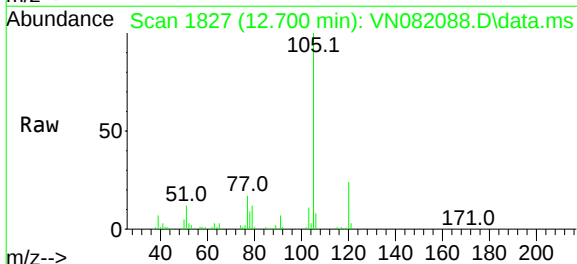
RT: 12.700 min Scan# 1827

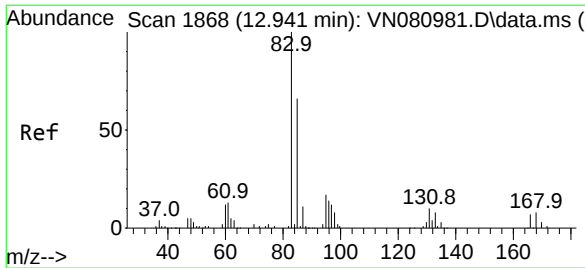
Delta R.T. 0.006 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Tgt Ion:	105	Resp:	177874
Ion	Ratio	Lower	Upper
105	100		
120	25.3	17.8	33.1





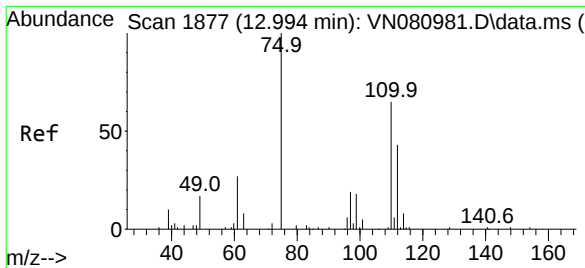
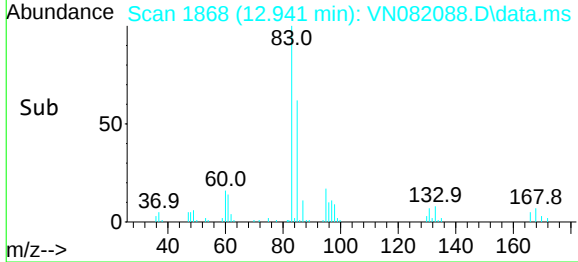
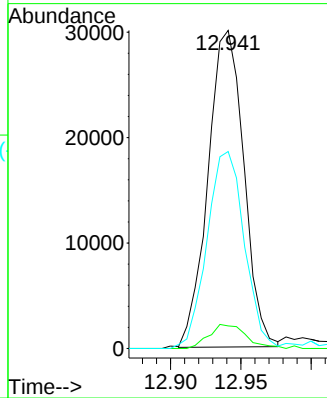
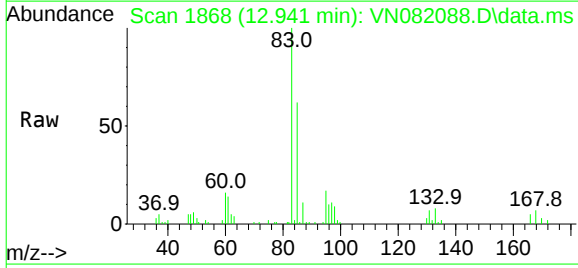
#71
1,1,2,2-Tetrachloroethane
Concen: 22.687 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion:	83	Resp:	53269
Ion Ratio	Lower	Upper	
83	100		
131	7.9	5.2	15.6
85	64.5	32.3	96.8

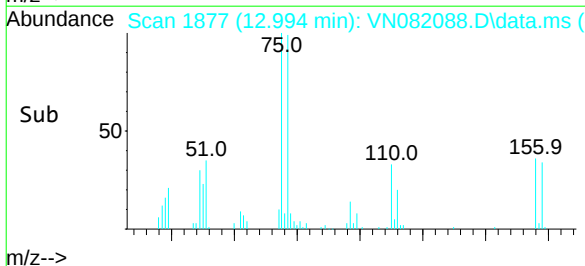
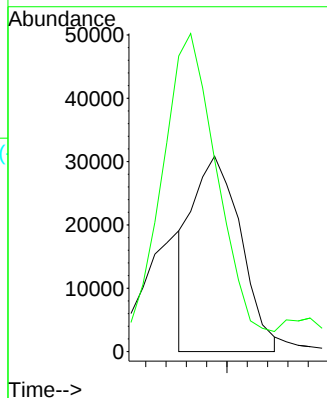
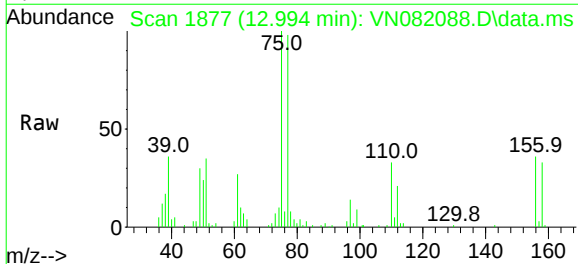
Manual Integrations
APPROVED

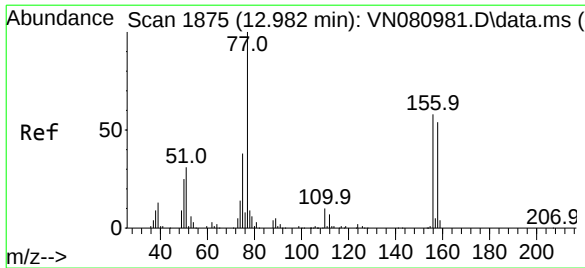
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#72
1,2,3-Trichloropropane
Concen: 23.355 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion:	75	Resp:	51268
Ion Ratio	Lower	Upper	
75	100		
77	194.2	0.0	367.6





#73

Bromobenzene

Concen: 20.242 ug/l

RT: 12.976 min Scan# 18

Delta R.T. -0.006 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBS01

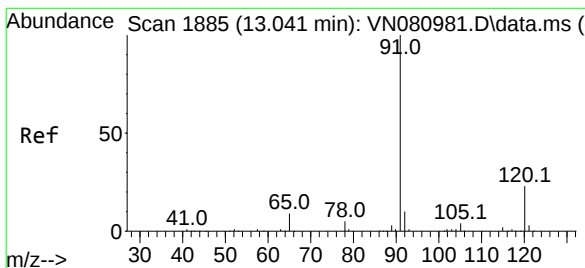
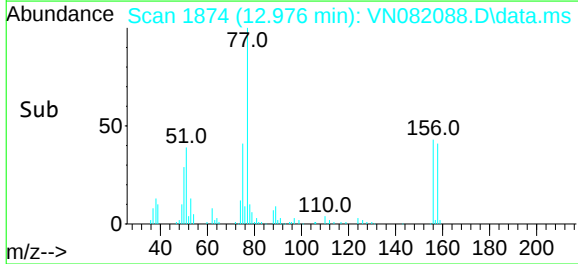
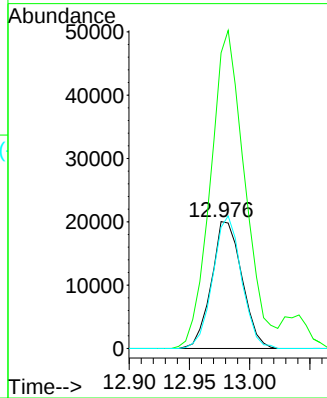
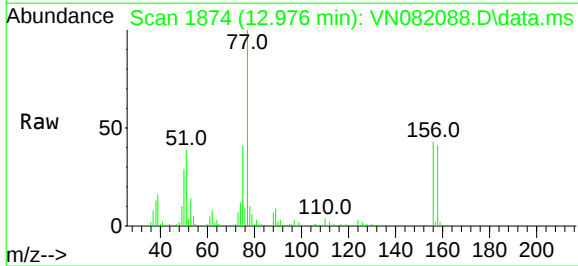
Tgt Ion:	156	Resp:	35355
Ion Ratio	Lower	Upper	
156	100		
77	281.6	0.0	437.6
158	97.8	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#74

n-propylbenzene

Concen: 22.419 ug/l

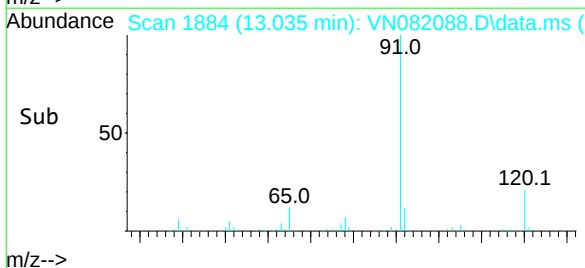
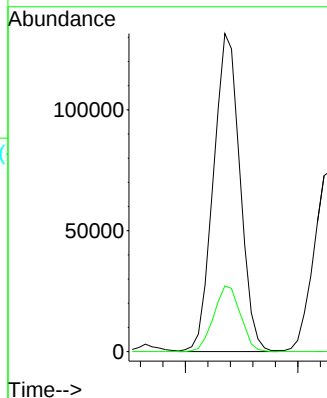
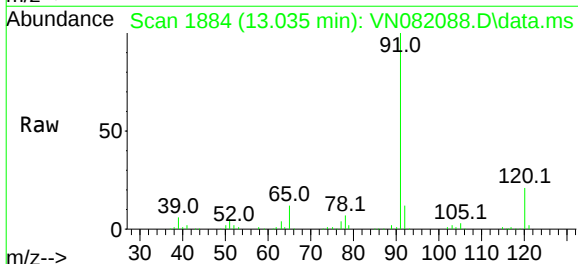
RT: 13.035 min Scan# 1884

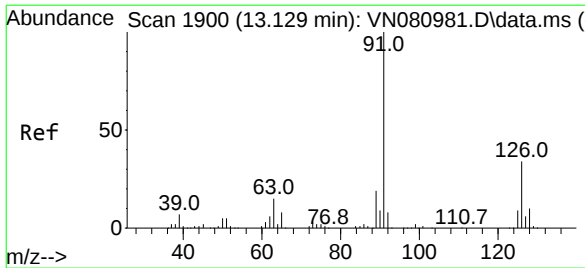
Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Tgt Ion:	91	Resp:	215816
Ion Ratio	Lower	Upper	
91	100		
120	20.7	0.0	43.8





#75

2-Chlorotoluene

Concen: 21.670 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBS01

Tgt Ion: 91 Resp: 129049

Ion Ratio Lower Upper

91 100

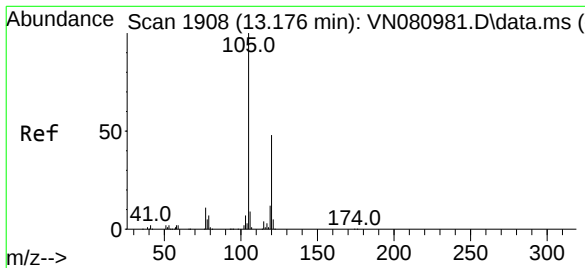
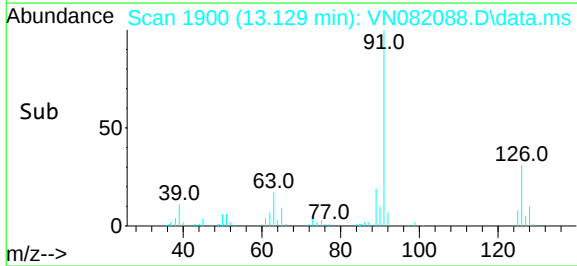
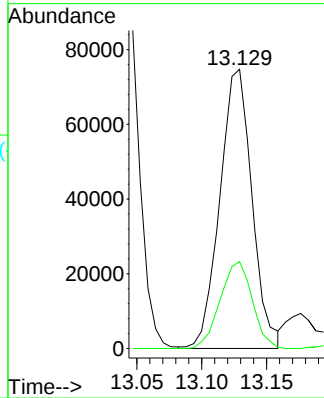
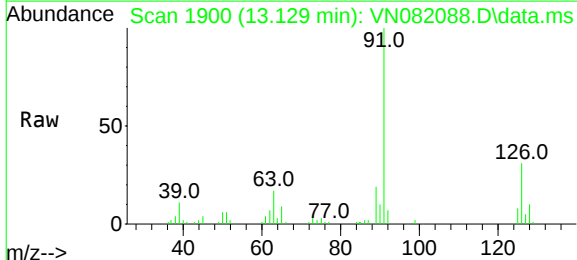
126 30.9 0.0 61.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#76

1,3,5-Trimethylbenzene

Concen: 21.882 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082088.D

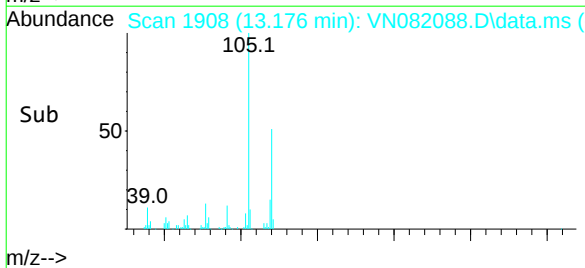
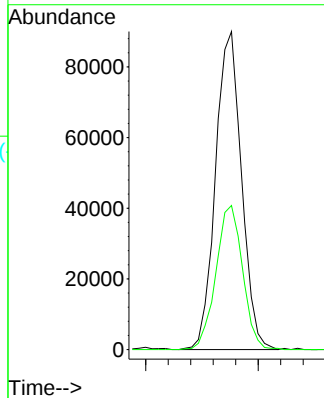
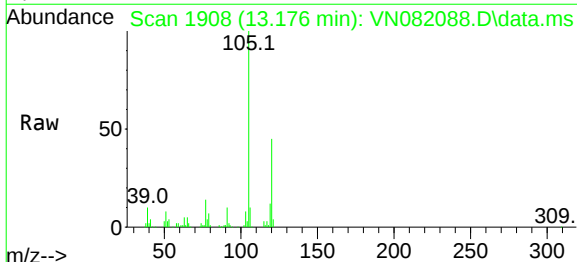
Acq: 13 May 2024 11:37

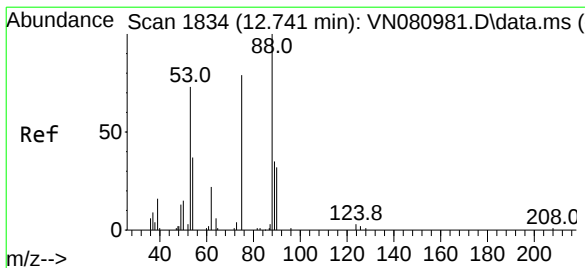
Tgt Ion:105 Resp: 144516

Ion Ratio Lower Upper

105 100

120 46.4 0.0 95.8





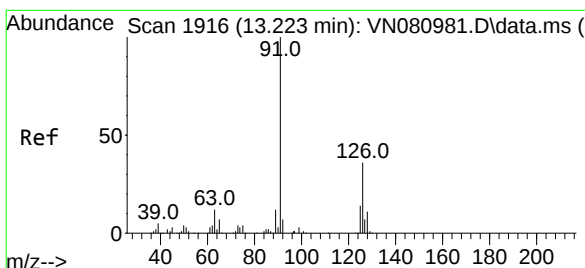
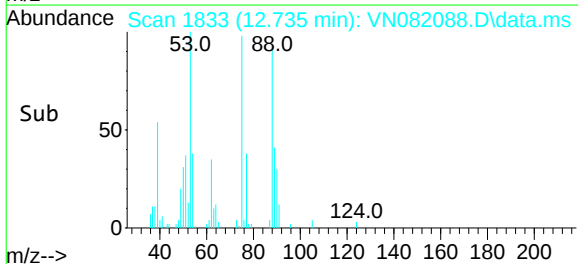
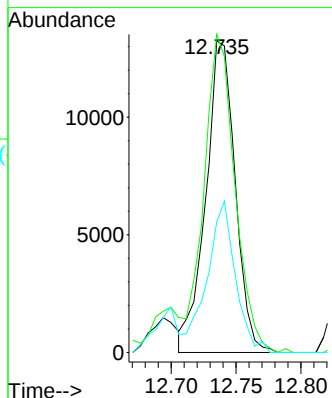
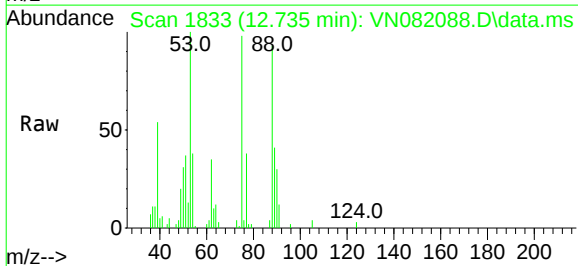
#77
t-1,4-Dichloro-2-butene
Concen: 21.428 ug/l
RT: 12.735 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	102.1	45.9	137.7
89	41.9	25.9	77.7

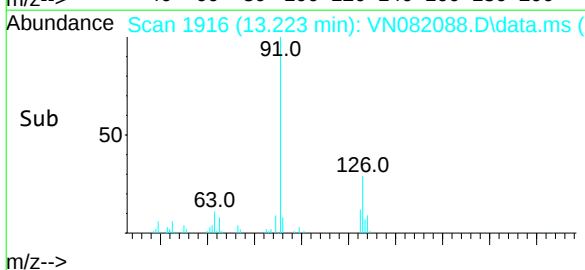
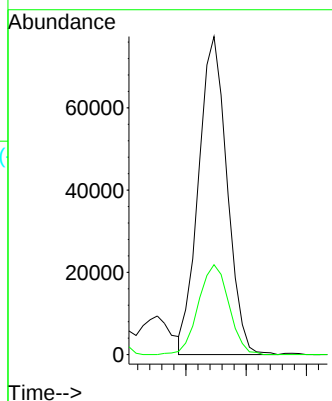
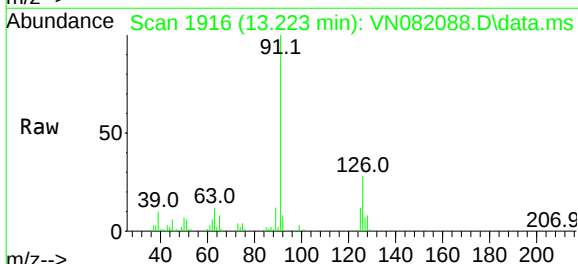
Manual Integrations
APPROVED

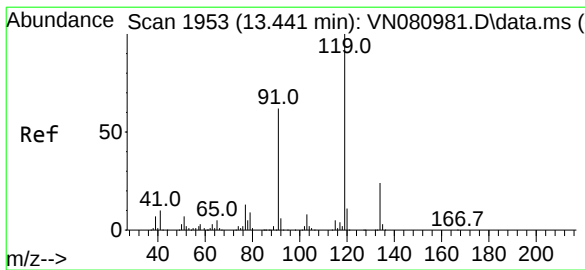
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#78
4-Chlorotoluene
Concen: 21.815 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	0.0	62.8





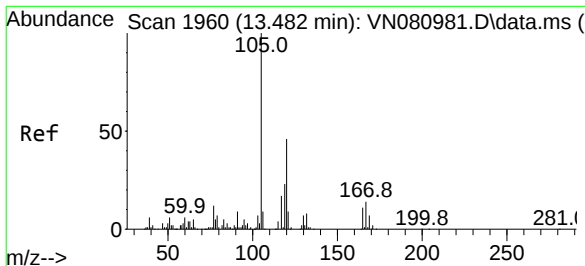
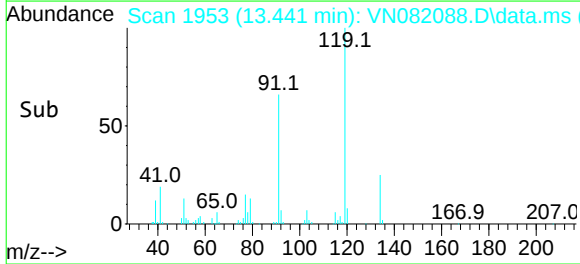
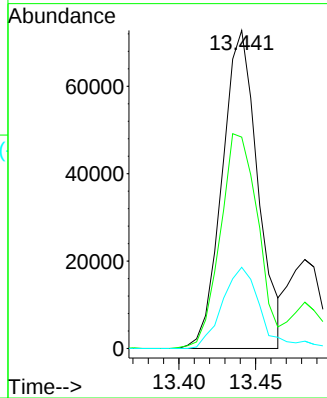
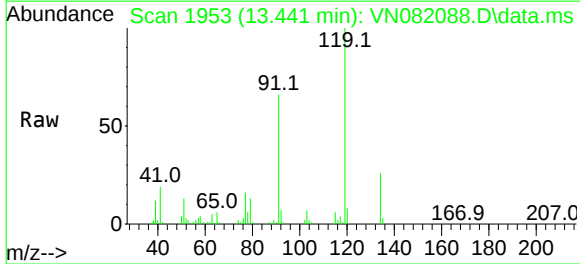
#79
tert-butylbenzene
Concen: 20.703 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion:119 Resp: 117726
Ion Ratio Lower Upper
119 100
91 71.4 0.0 138.8
134 26.6 0.0 48.6

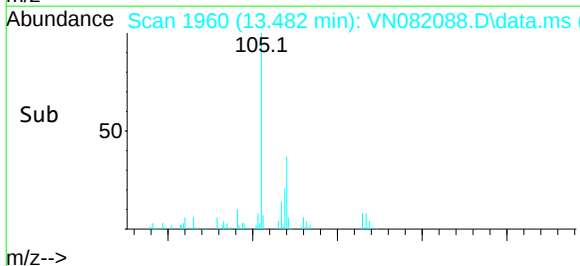
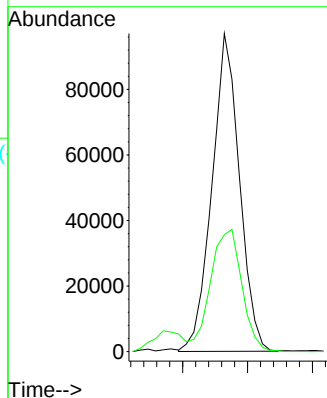
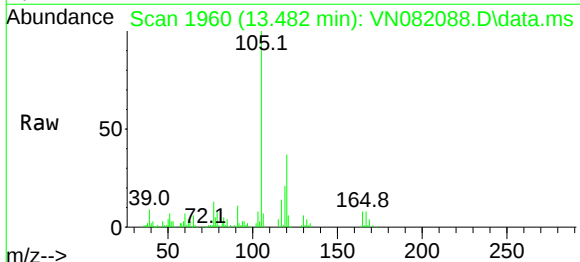
Manual Integrations
APPROVED

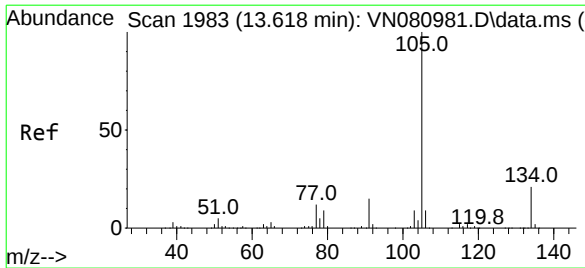
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#80
1,2,4-Trimethylbenzene
Concen: 21.522 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion:105 Resp: 142773
Ion Ratio Lower Upper
105 100
120 43.9 0.0 86.8





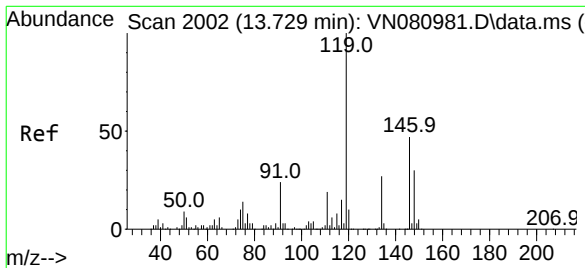
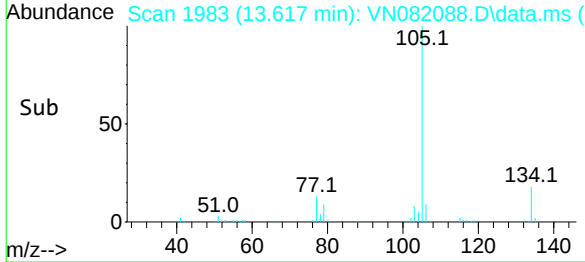
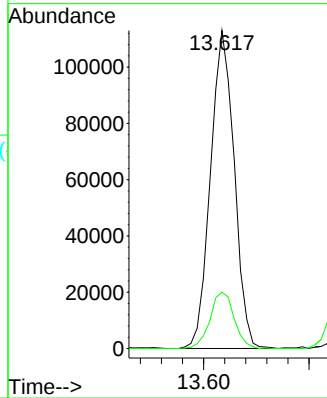
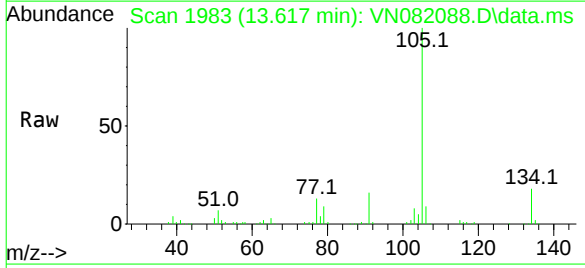
#81
sec-Butylbenzene
Concen: 22.173 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion:105 Resp: 176736
Ion Ratio Lower Upper
105 100
134 18.0 0.0 39.0

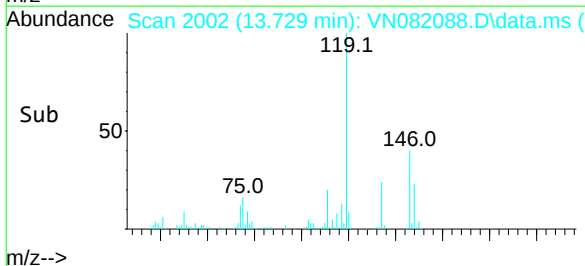
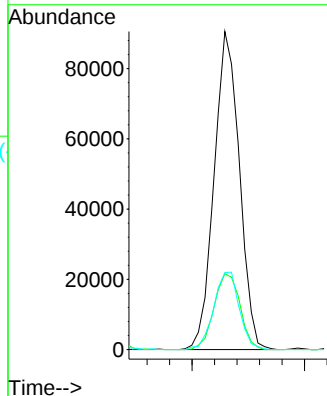
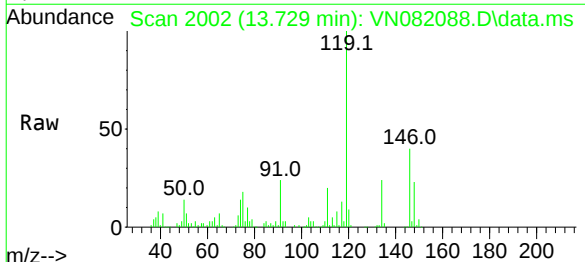
Manual Integrations
APPROVED

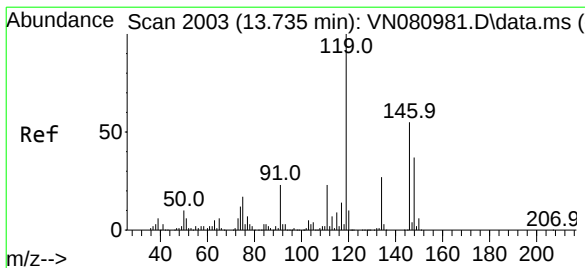
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#82
p-Isopropyltoluene
Concen: 22.453 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion:119 Resp: 141521
Ion Ratio Lower Upper
119 100
134 24.5 0.0 49.2
91 24.6 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 21.686 ug/l

RT: 13.735 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBS01

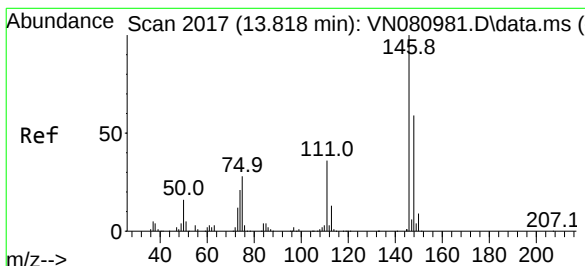
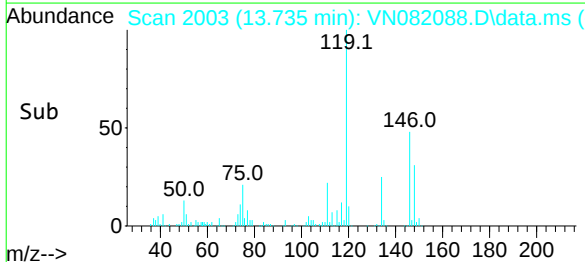
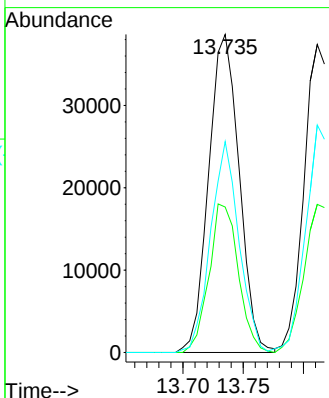
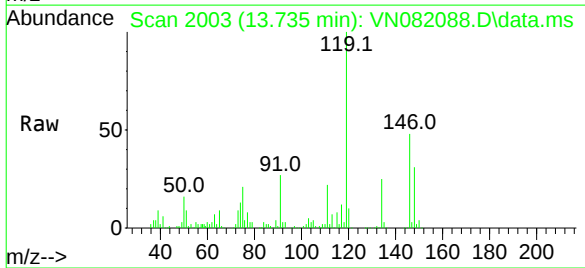
Tgt Ion:	146	Resp:	68201
Ion Ratio	Lower	Upper	
146	100		
111	44.7	22.4	67.0
148	61.6	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#84

1,4-Dichlorobenzene

Concen: 20.454 ug/l

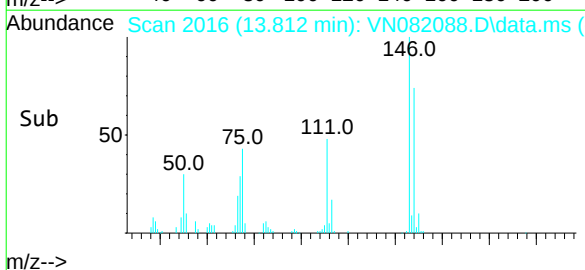
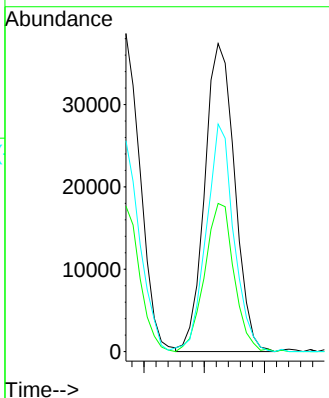
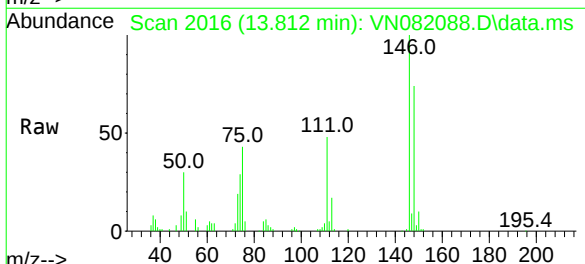
RT: 13.812 min Scan# 2016

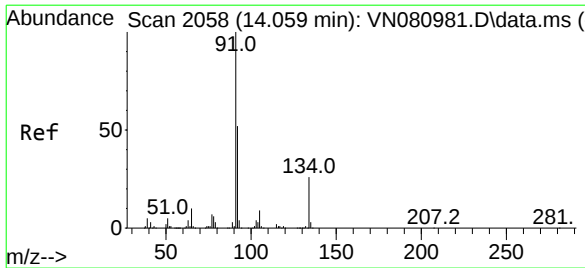
Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Tgt Ion:	146	Resp:	64657
Ion Ratio	Lower	Upper	
146	100		
111	47.1	21.3	63.9
148	68.0	31.9	95.5





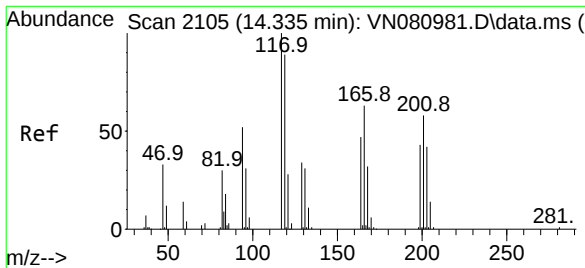
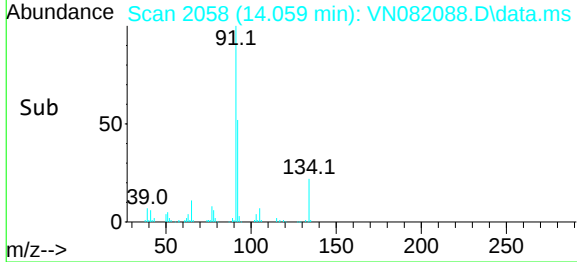
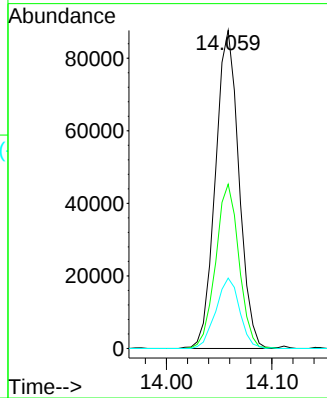
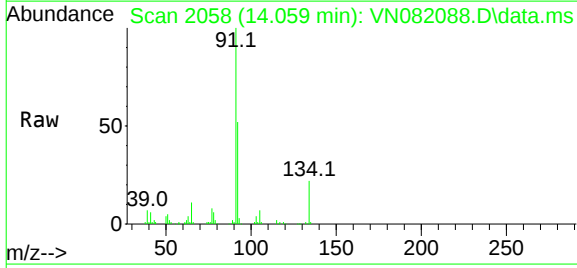
#85
n-Butylbenzene
Concen: 23.615 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion:	91	Resp:	135963
Ion	Ratio	Lower	Upper
91	100		
92	51.0	0.0	105.0
134	22.4	0.0	51.8

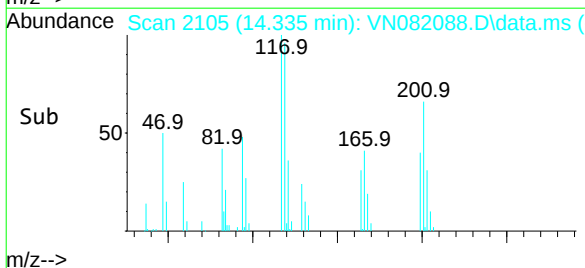
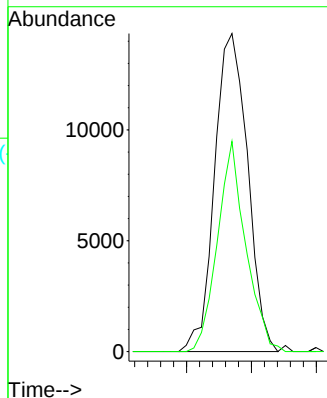
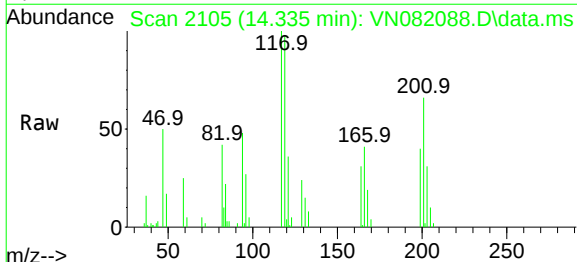
Manual Integrations
APPROVED

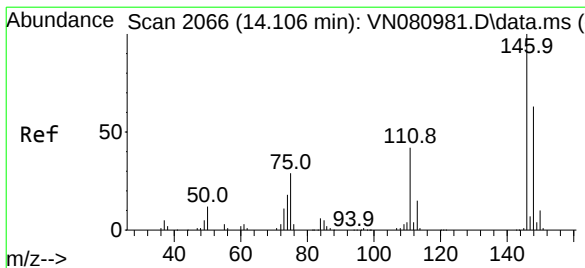
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#86
Hexachloroethane
Concen: 20.203 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion:	117	Resp:	25390
Ion	Ratio	Lower	Upper
117	100		
201	56.7	38.0	114.0





#87

1,2-Dichlorobenzene

Concen: 21.357 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN082088.D

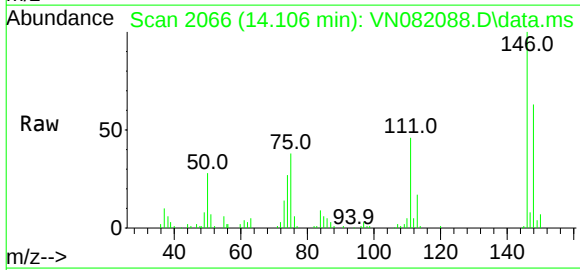
Acq: 13 May 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBS01



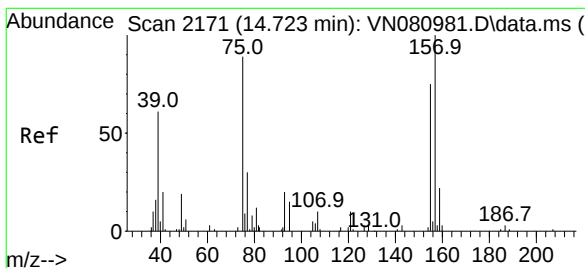
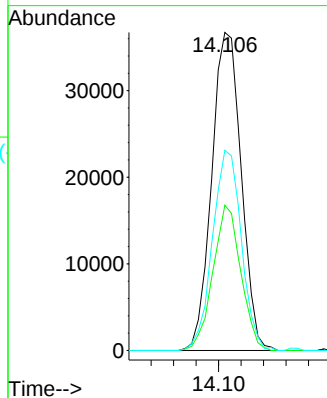
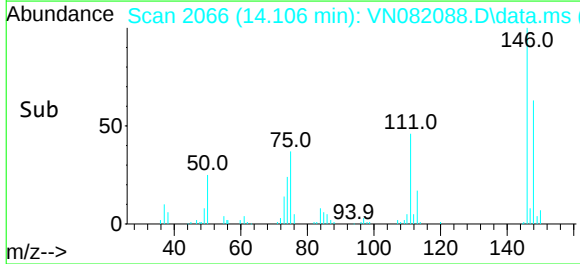
Tgt Ion:	146	Resp:	66898
Ion	Ratio	Lower	Upper
146	100		
111	43.1	22.6	67.8
148	61.6	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.905 ug/l

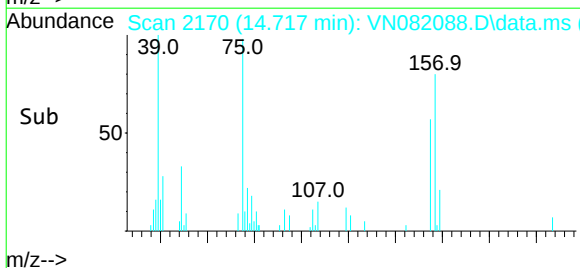
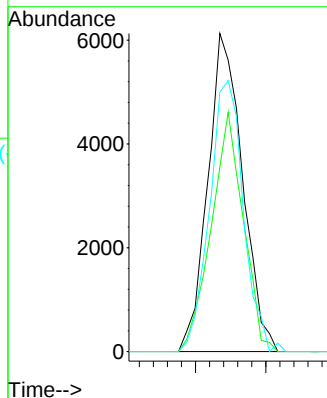
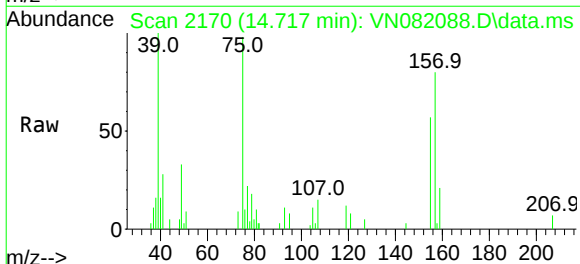
RT: 14.717 min Scan# 2170

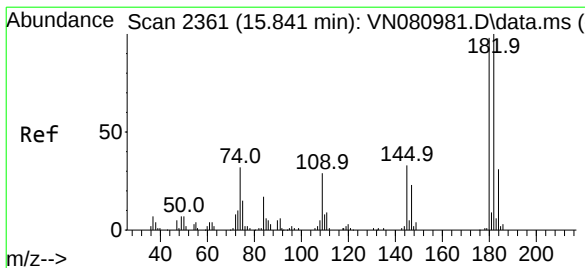
Delta R.T. -0.006 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Tgt Ion:	75	Resp:	10488
Ion	Ratio	Lower	Upper
75	100		
155	69.5	61.7	92.5
157	82.6	83.6	125.4#





#89

1,2,4-Trichlorobenzene

Concen: 18.716 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBS01

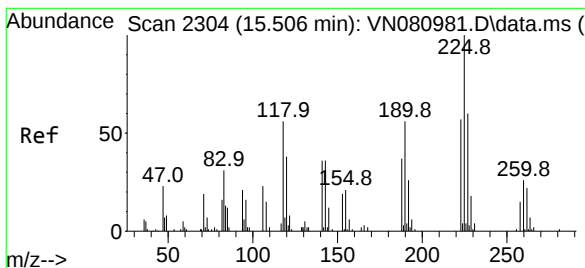
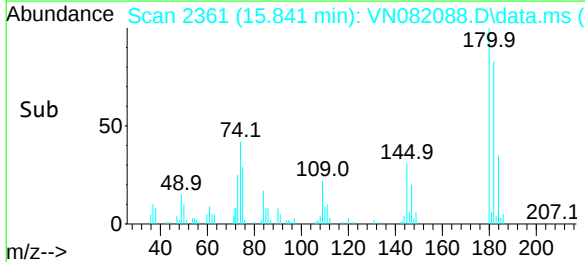
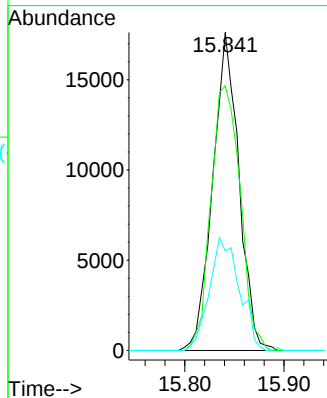
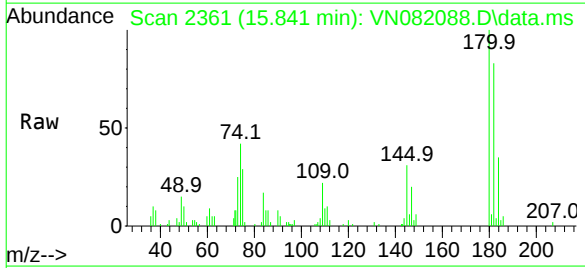
Tgt	Ion:180	Resp:	32281
Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.4	114.6
145	41.0	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#90

Hexachlorobutadiene

Concen: 19.129 ug/l

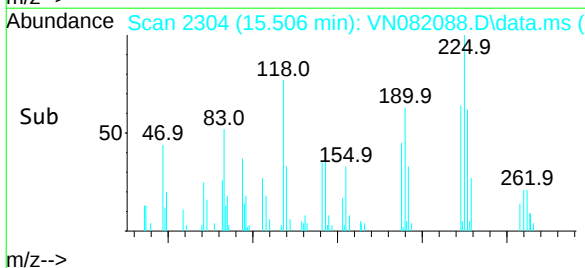
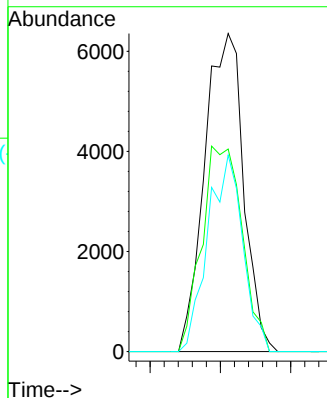
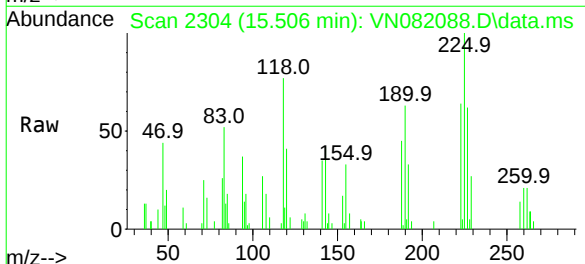
RT: 15.506 min Scan# 2304

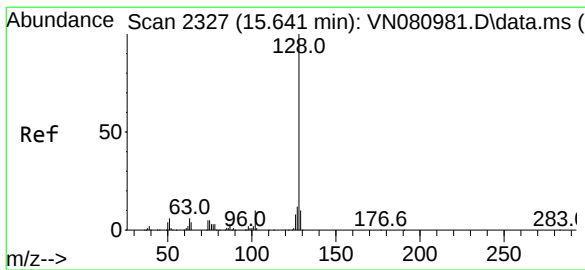
Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Tgt	Ion:225	Resp:	12219
Ion	Ratio	Lower	Upper
225	100		
223	67.0	0.0	126.6
227	55.5	0.0	126.6





#91

Naphthalene

Concen: 19.408 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBS01

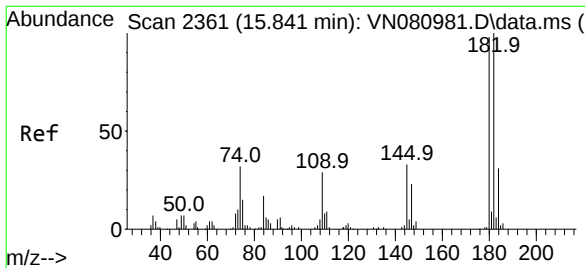
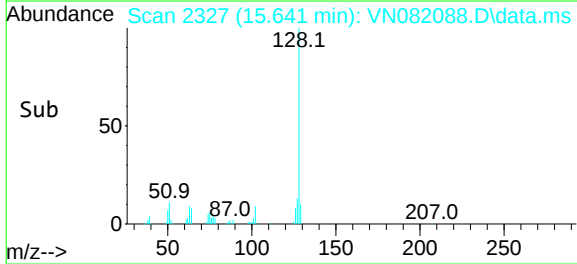
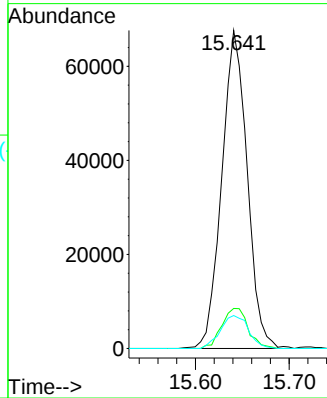
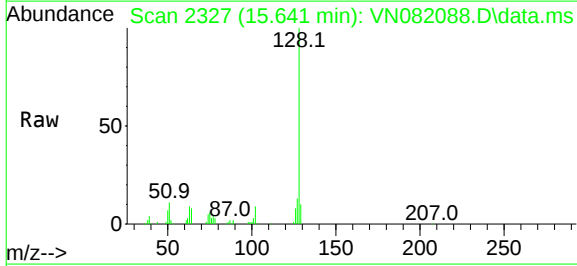
Tgt Ion:	128	Resp:	127250
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	11.5	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#92

1,2,3-Trichlorobenzene

Concen: 18.716 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Tgt Ion:	180	Resp:	32281
Ion Ratio	Lower	Upper	
180	100		
182	93.6	0.0	191.0
145	41.0	0.0	71.0

