

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080985.D
 Acq On : 09 Feb 2024 13:03
 Operator : JC\MD
 Sample : VN0209WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0209WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024

Quant Time: Feb 10 02:01:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:52:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	79760	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	476312	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	434332	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	188579	31.465	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.900%			
60) 4-Bromofluorobenzene	12.853	95	202367	30.477	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.600%			
63) Toluene-d8	10.570	98	586556	30.093	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	128545	23.703	ug/l	91
3) Chloromethane	2.359	50	130418	23.930	ug/l	95
4) Vinyl Chloride	2.512	62	155357	23.909	ug/l	89
5) Bromomethane	2.959	94	104391m	23.918	ug/l	
6) Chloroethane	3.118	64	101657	24.000	ug/l	94
7) Trichlorofluoromethane	3.494	101	194291	22.707	ug/l	97
8) Diethyl Ether	3.959	74	66216	22.017	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	105312	22.677	ug/l	86
10) 1,1-Dichloroethene	4.341	96	104197	22.893	ug/l	97
11) Methyl Iodide	4.594	142	101404	20.802	ug/l	91
12) Methyl Acetate	5.024	43	94879	23.004	ug/l #	85
13) Acrolein	4.177	56	84968	94.464	ug/l	98
14) Acrylonitrile	5.724	53	234352	114.422	ug/l #	90
15) Acetone	4.424	58	55886	118.612	ug/l	95
16) Carbon Disulfide	4.712	76	270818m	21.680	ug/l	
17) Allyl chloride	5.024	41	132208	23.128	ug/l	91
18) Methylene Chloride	5.277	84	114437	22.001	ug/l	98
19) trans-1,2-Dichloroethene	5.783	96	114400	22.140	ug/l	86
20) Diisopropyl ether	6.677	45	323243	23.527	ug/l	96
21) 1,1-Dichloroethane	6.571	63	198509	22.545	ug/l	99
22) cis-1,2-Dichloroethene	7.488	96	131803	21.953	ug/l	98
23) tert-Butyl Alcohol	5.518	59	86105	115.404	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	345982	22.929	ug/l	95
25) Chloroform	7.965	83	224697	23.002	ug/l	99
26) Cyclohexane	8.259	56	157035	23.685	ug/l #	90
29) 1,1-Dichloropropene	8.371	75	162286	22.873	ug/l	99
30) 2-Butanone	7.482	43	300643	115.493	ug/l	99
31) 2,2-Dichloropropane	7.488	77	187397	23.198	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	205068	22.976	ug/l	99
33) Carbon Tetrachloride	8.365	117	169159	22.495	ug/l	96
34) Benzene	8.606	78	485506	22.393	ug/l	97
35) Methacrylonitrile	7.782	41	68840	22.499	ug/l	95
36) 1,2-Dichloroethane	8.671	62	168804	23.199	ug/l	99
37) Trichloroethene	9.353	130	129185	22.411	ug/l	97
38) Methylcyclohexane	9.600	83	164232	23.195	ug/l	94
39) 1,2-Dichloropropane	9.623	63	117866	22.919	ug/l	98
40) Dibromomethane	9.706	93	85158	21.765	ug/l	94
41) Bromodichloromethane	9.888	83	171796	22.435	ug/l	94
42) Vinyl Acetate	6.606	43	1262243	113.361	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	116221	21.435	ug/l	98
44) Isopropyl Acetate	8.688	43	220594	22.644	ug/l	95
45) 1,4-Dioxane	9.694	88	42648	461.589	ug/l	92
46) Methyl methacrylate	9.682	41	100530	22.553	ug/l	90
47) n-amyl Acetate	12.494	43	188345	22.168	ug/l	93
48) t-1,3-Dichloropropene	10.841	75	179290	22.340	ug/l	95
49) cis-1,3-Dichloropropene	10.318	75	192673	22.156	ug/l	96
50) 1,1,2-Trichloroethane	11.023	97	121032	22.356	ug/l	96
51) Ethyl methacrylate	10.876	69	168811	22.310	ug/l	89
52) 1,3-Dichloropropane	11.165	76	204875	22.917	ug/l	98
53) Dibromochloromethane	11.365	129	125548	21.277	ug/l	99
54) 1,2-Dibromoethane	11.470	107	124604	22.247	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	322257	83.109	ug/l	98
56) Bromoform	12.582	173	80075	21.308	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	653861	115.957	ug/l	94
59) 2-Hexanone	11.200	43	488387	117.758	ug/l	94
61) Tetrachloroethene	11.106	164	114015	22.981	ug/l	85
62) Toluene	10.635	91	542888	22.818	ug/l	99
64) Chlorobenzene	11.894	112	321939	22.093	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.964	131	117496	21.737	ug/l	97
66) Ethyl Benzene	11.964	91	567347	22.679	ug/l	99
67) m/p-Xylenes	12.076	106	441920	44.983	ug/l	93
68) o-Xylene	12.400	106	213564	22.183	ug/l	96
69) Styrene	12.412	104	353776	22.320	ug/l	97
70) Isopropylbenzene	12.700	105	526218	22.428	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	159756	22.081	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	123404m	21.789	ug/l	
73) Bromobenzene	12.982	156	129093	22.125	ug/l	92
74) n-propylbenzene	13.041	91	606220	22.735	ug/l	98
75) 2-Chlorotoluene	13.129	91	376599	22.751	ug/l	94
76) 1,3,5-Trimethylbenzene	13.176	105	433178	22.564	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	47444	22.137	ug/l	96
78) 4-Chlorotoluene	13.223	91	382789	23.088	ug/l	97
79) tert-butylbenzene	13.441	119	354910	22.271	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	426373	22.291	ug/l	96
81) sec-Butylbenzene	13.617	105	500123	22.410	ug/l	99
82) p-Isopropyltoluene	13.735	119	422107	22.530	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	237020	22.586	ug/l	97
84) 1,4-Dichlorobenzene	13.817	146	233554	22.172	ug/l	98
85) n-Butylbenzene	14.058	91	341260	22.076	ug/l	98
86) Hexachloroethane	14.341	117	63992	21.654	ug/l	86
87) 1,2-Dichlorobenzene	14.106	146	228136	22.329	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	29640	22.698	ug/l	95
89) 1,2,4-Trichlorobenzene	15.847	180	107955	21.598	ug/l	98
90) Hexachlorobutadiene	15.505	225	46162	21.051	ug/l	97
91) Naphthalene	15.647	128	389968	21.973	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	107955	21.598	ug/l	98

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

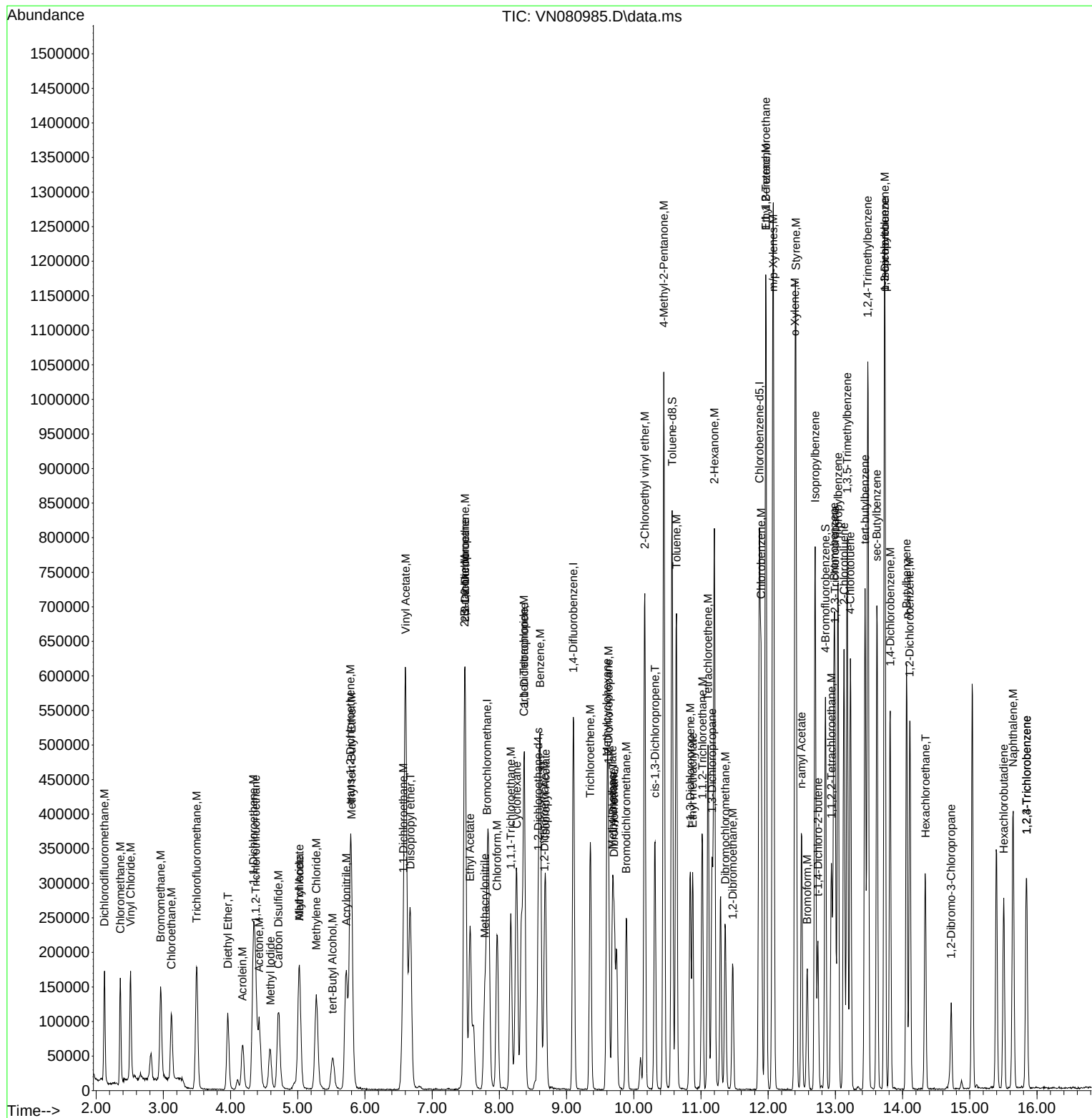
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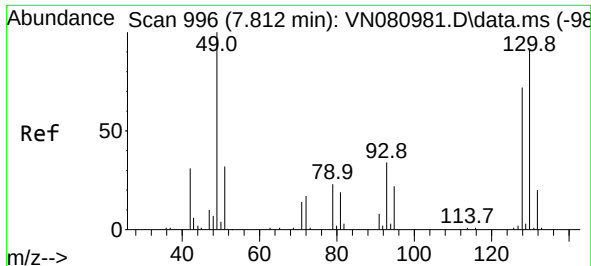
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ClientSampleId :
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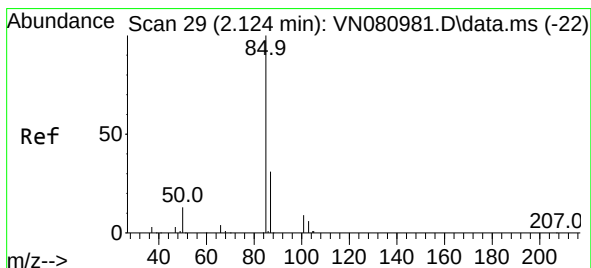
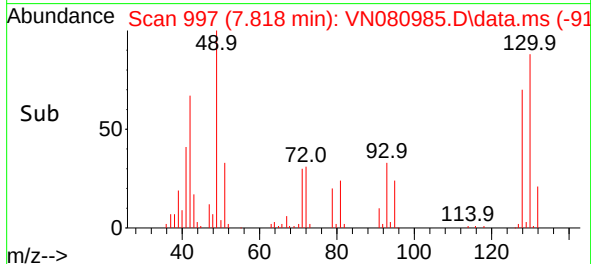
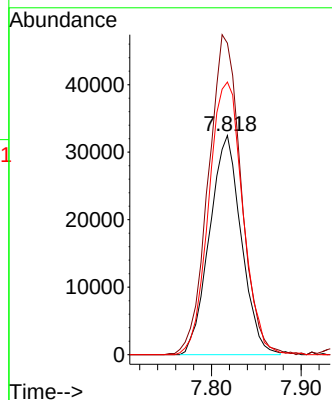
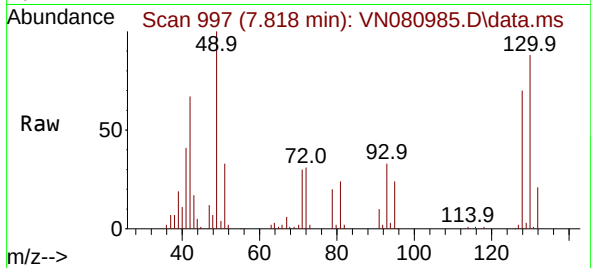
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 79760
Ion Ratio Lower Upper
128 100
49 150.7 0.0 403.7
130 133.1 0.0 323.3

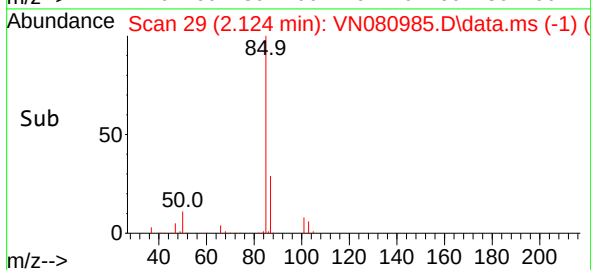
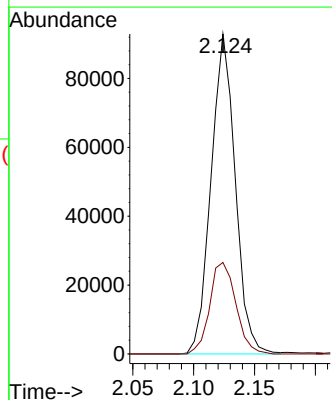
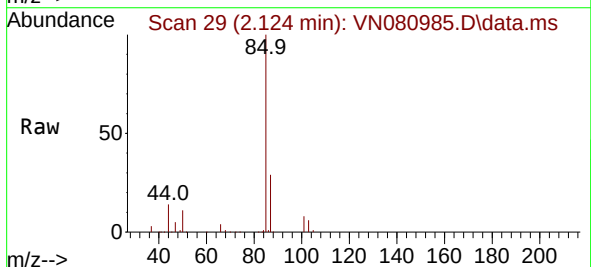
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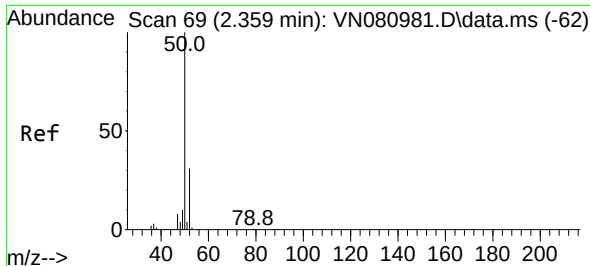
Reviewed By :John Carlone 02/12/2024
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#2
Dichlorodifluoromethane
Concen: 23.703 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

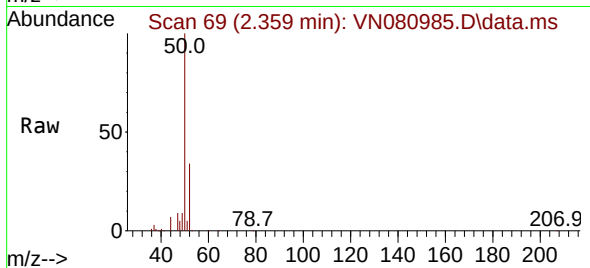
Tgt Ion: 85 Resp: 128545
Ion Ratio Lower Upper
85 100
87 28.6 16.8 50.3





#3
Chloromethane
Concen: 23.930 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

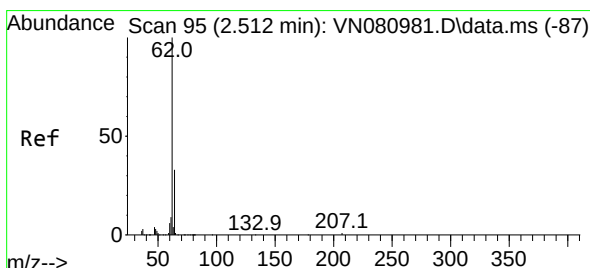
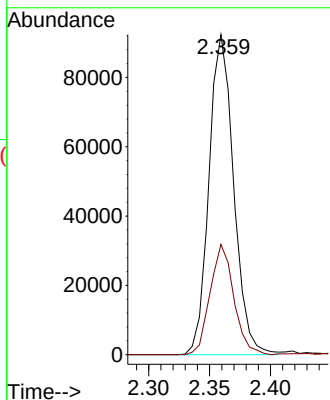
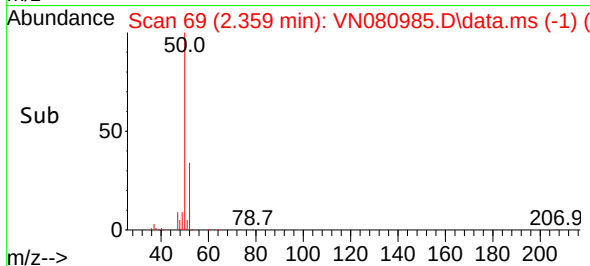
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Tgt Ion: 50 Resp: 130418
Ion Ratio Lower Upper
50 100
52 34.5 25.4 38.0

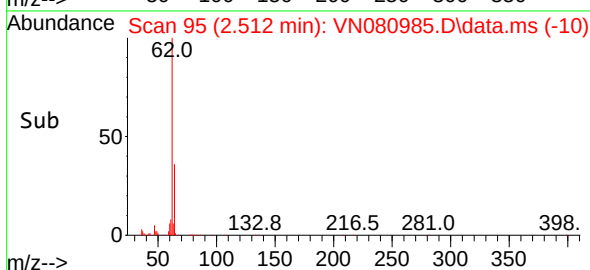
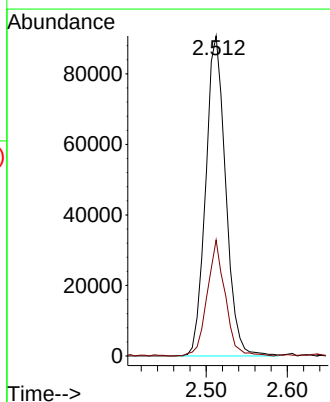
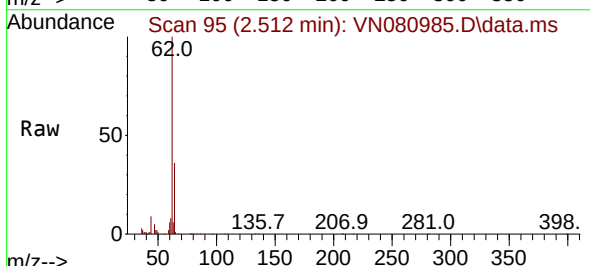
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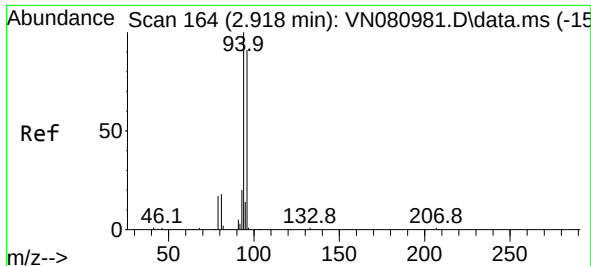
Reviewed By :John Carlone 02/12/2024
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#4
Vinyl Chloride
Concen: 23.909 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

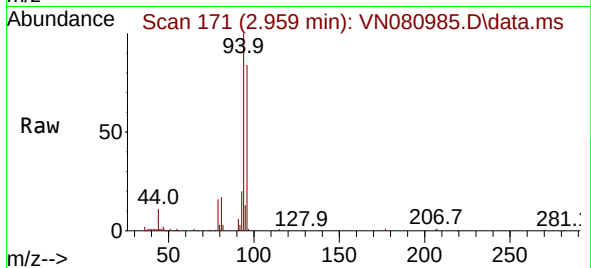
Tgt Ion: 62 Resp: 155357
Ion Ratio Lower Upper
62 100
64 36.1 24.1 36.1





#5
Bromomethane
Concen: 23.918 ug/l m
RT: 2.959 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

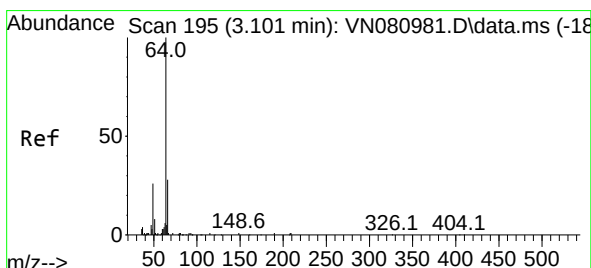
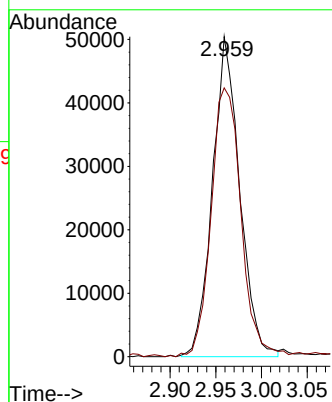
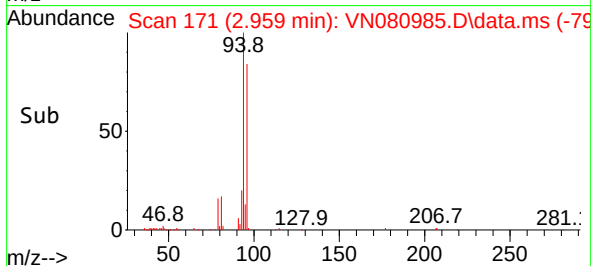
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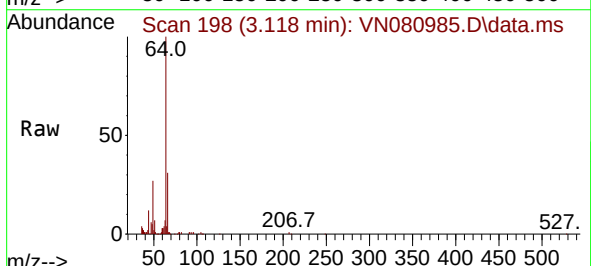
Tgt Ion: 94 Resp: 10439
Ion Ratio Lower Upper
94 100
96 84.0 72.8 109.2

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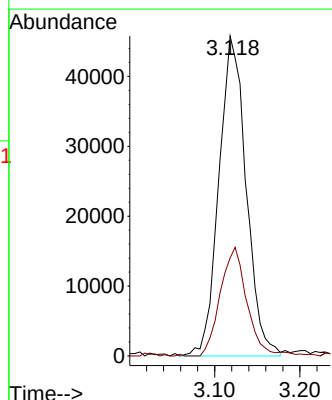
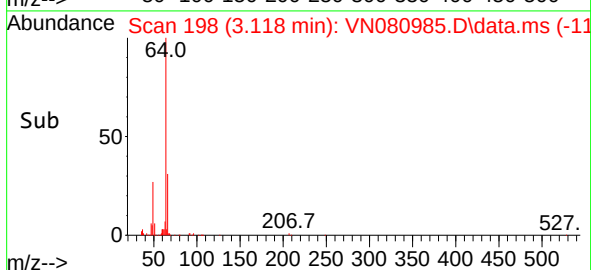
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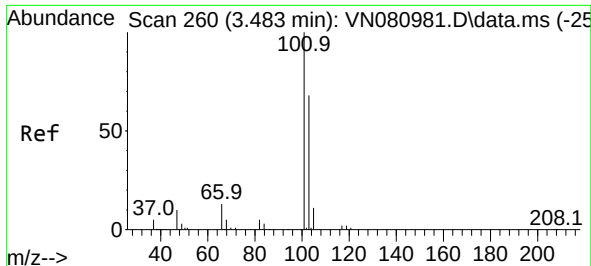


#6
Chloroethane
Concen: 24.000 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.017 min
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Acq: 09 Feb 2024 13:03



Tgt Ion: 64 Resp: 101657
Ion Ratio Lower Upper
64 100
66 30.2 26.7 40.1





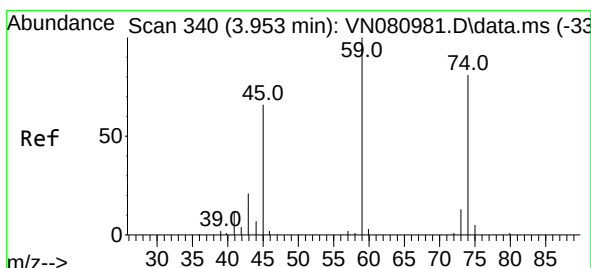
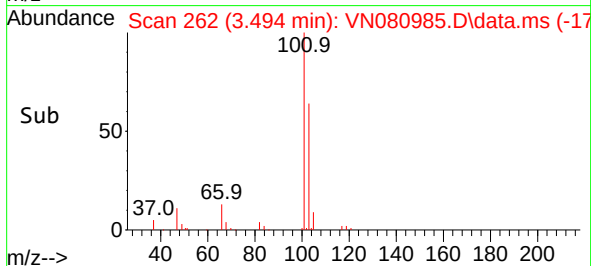
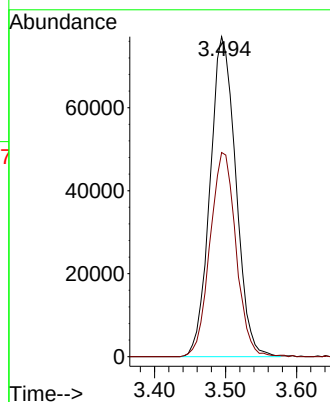
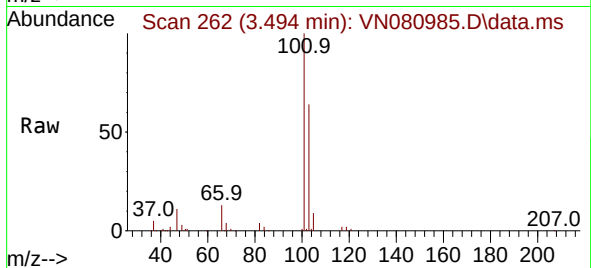
#7
Trichlorofluoromethane
Concen: 22.707 ug/l
RT: 3.494 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN080985.D
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Tgt Ion:101 Resp: 19429
Ion Ratio Lower Upper
101 100
103 63.8 53.0 79.4

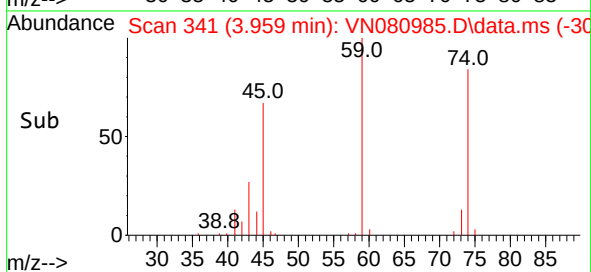
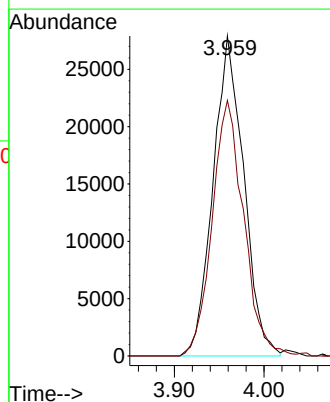
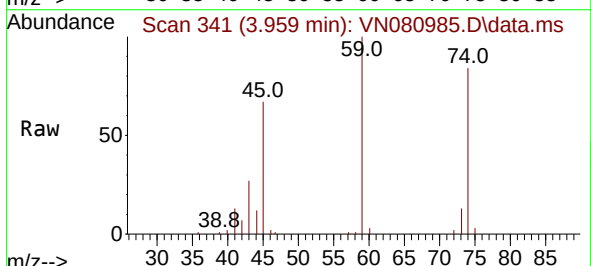
Manual Integrations
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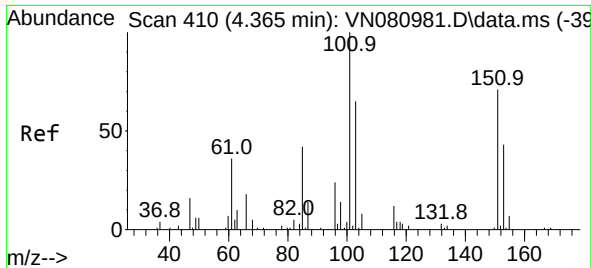
Reviewed By :John Carlone 02/12/2024
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#8
Diethyl Ether
Concen: 22.017 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Tgt Ion: 74 Resp: 66216
Ion Ratio Lower Upper
74 100
45 81.9 16.4 147.4





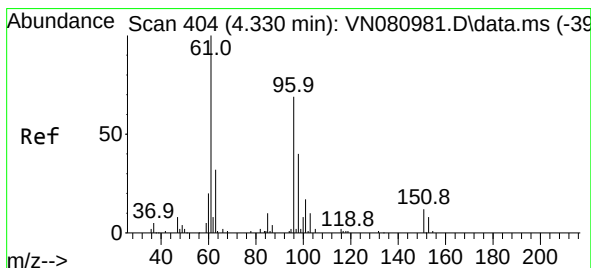
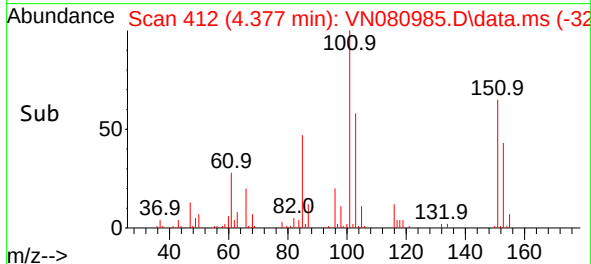
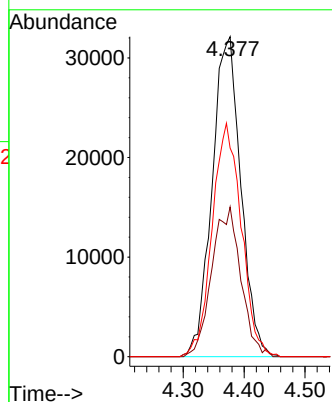
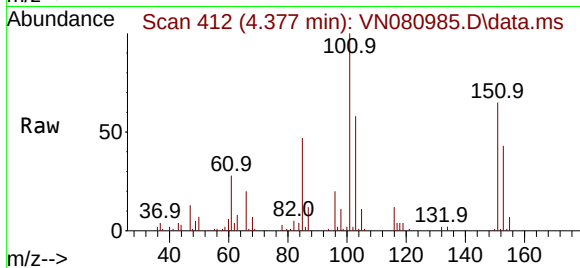
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.677 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Instrument :
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Tgt Ion:101 Resp: 10531
Ion Ratio Lower Upper
101 100
85 26.1 0.0 90.6
151 73.9 0.0 157.6

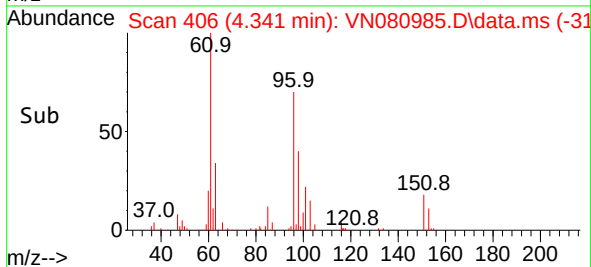
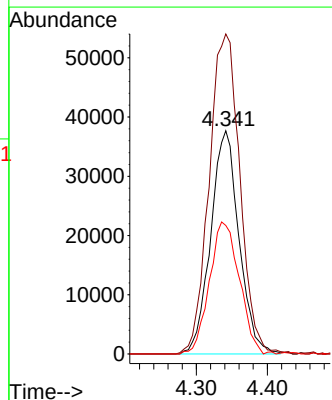
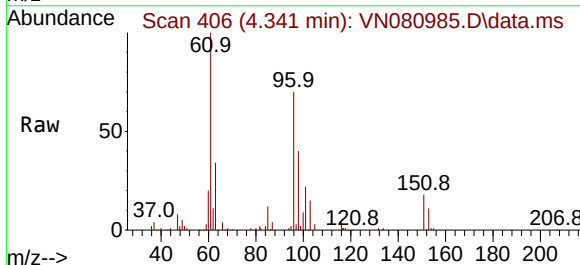
Manual Integrations
APPROVED

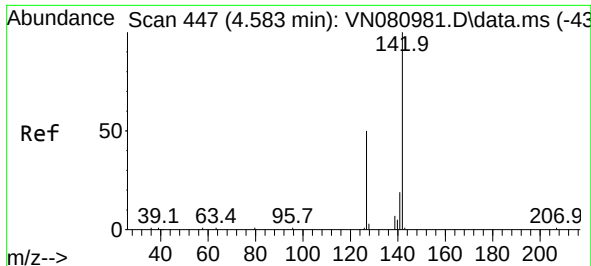
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#10
1,1-Dichloroethene
Concen: 22.893 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

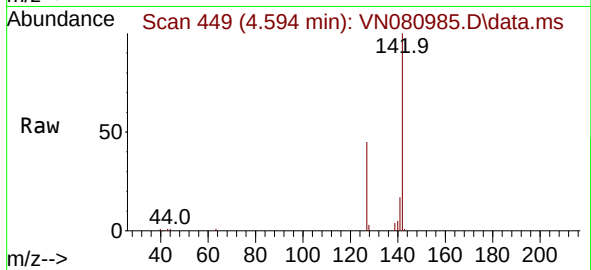
Tgt Ion: 96 Resp: 104197
Ion Ratio Lower Upper
96 100
61 142.9 117.6 176.4
98 57.6 48.4 72.6





#11
Methyl Iodide
Concen: 20.802 ug/l
RT: 4.594 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

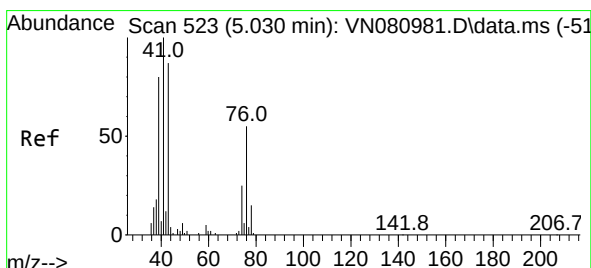
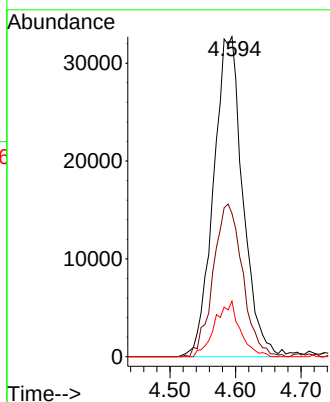
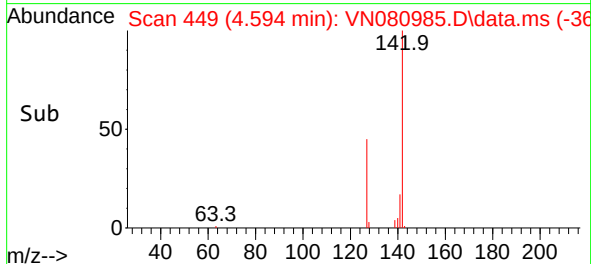
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



Tgt Ion:142 Resp: 101404
Ion Ratio Lower Upper
142 100
127 44.7 26.3 78.9
141 17.4 8.3 24.9

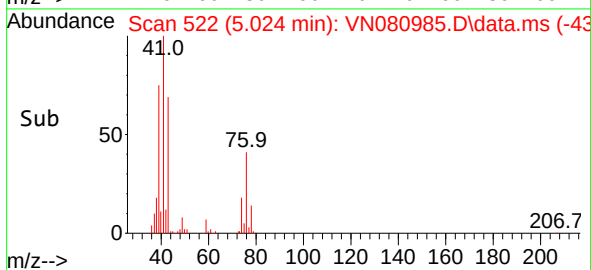
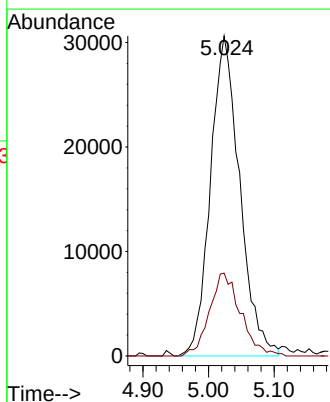
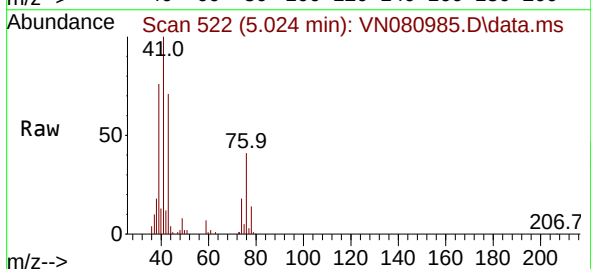
Manual Integrations
APPROVED

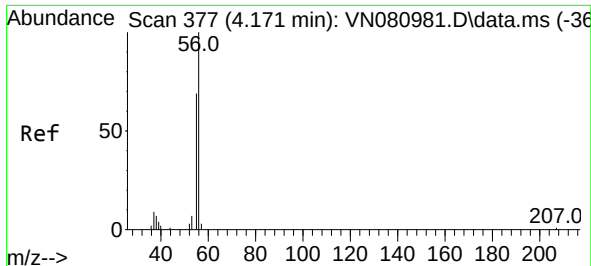
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#12
Methyl Acetate
Concen: 23.004 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Tgt Ion: 43 Resp: 94879
Ion Ratio Lower Upper
43 100
74 25.8 27.7 41.5#





#13

Acrolein

Concen: 94.464 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080985.D

Acq: 09 Feb 2024 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0209WBS01

Tgt Ion: 56 Resp: 84968

Ion Ratio Lower Upper

56 100

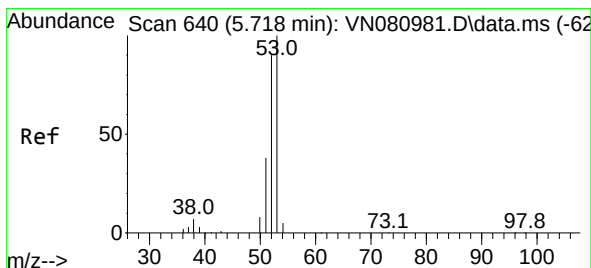
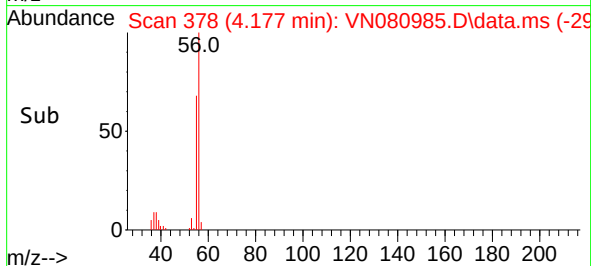
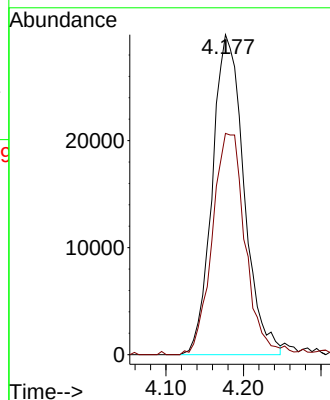
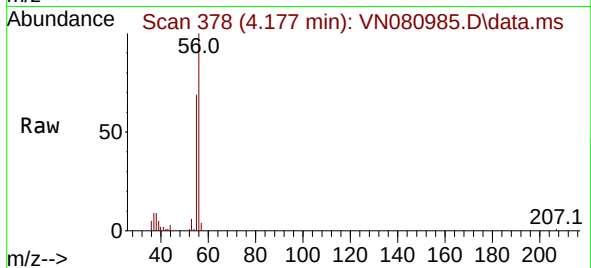
55 71.2 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#14

Acrylonitrile

Concen: 114.422 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN080985.D

Acq: 09 Feb 2024 13:03

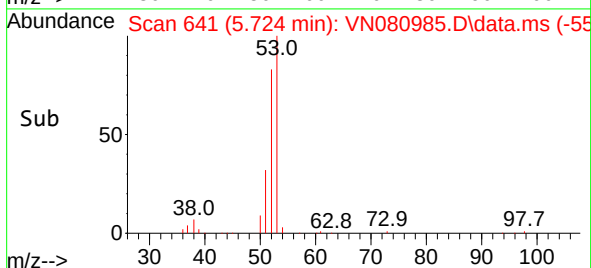
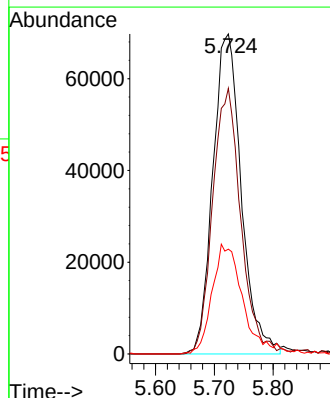
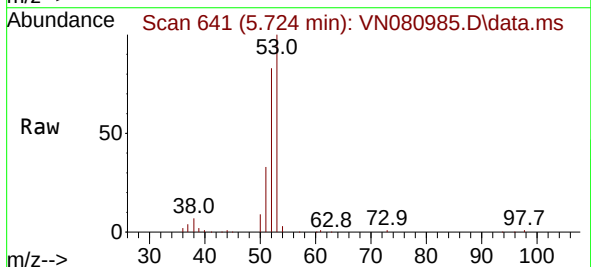
Tgt Ion: 53 Resp: 234352

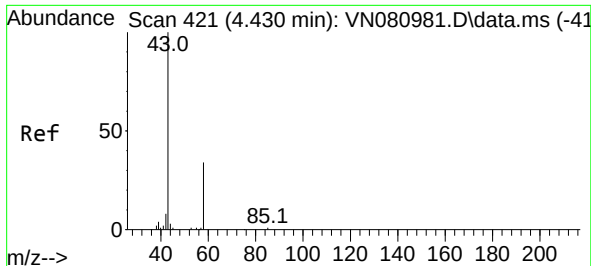
Ion Ratio Lower Upper

53 100

52 80.3 41.3 123.9

51 16.5 16.8 50.3#





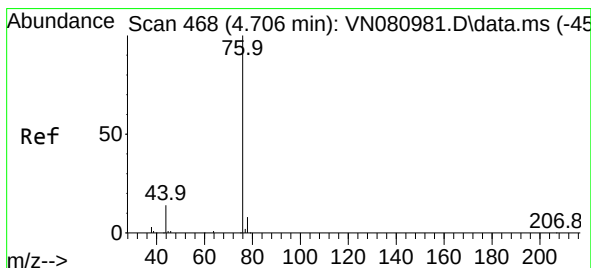
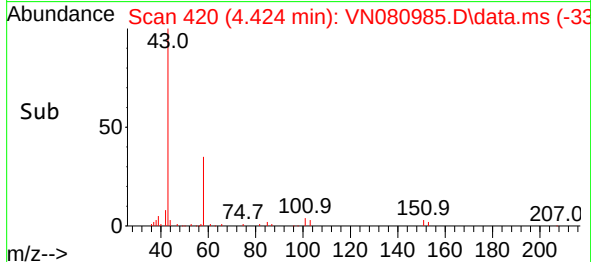
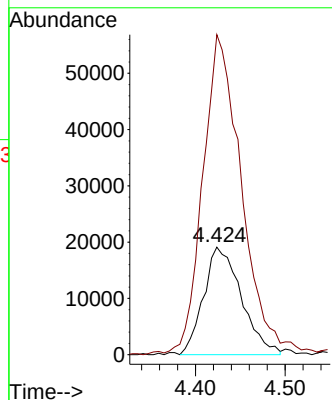
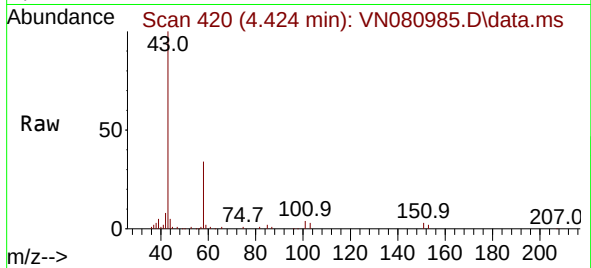
#15
Acetone
Concen: 118.612 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01

Tgt Ion: 58 Resp: 5588
Ion Ratio Lower Upper
58 100
43 288.0 223.1 334.7

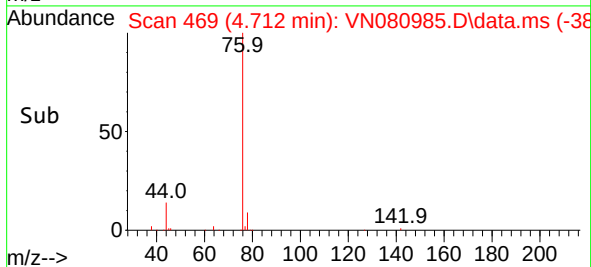
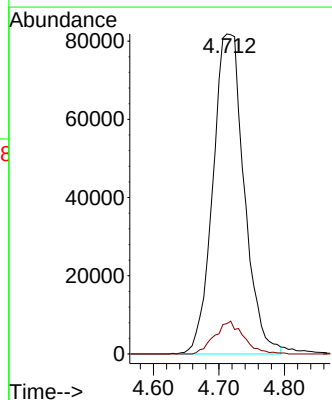
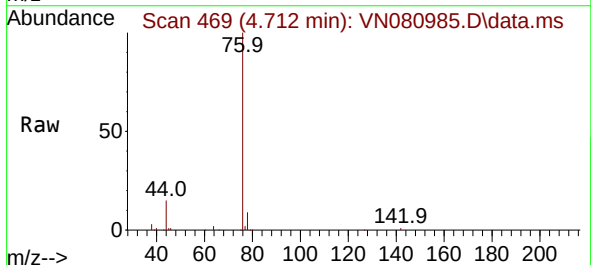
Manual Integrations
APPROVED

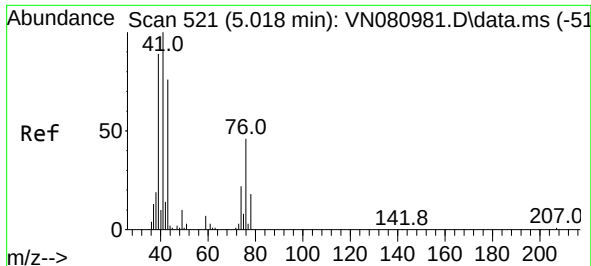
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#16
Carbon Disulfide
Concen: 21.680 ug/l m
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

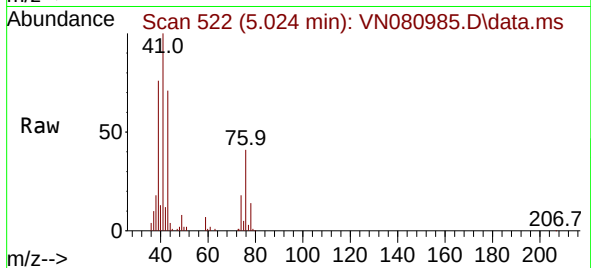
Tgt Ion: 76 Resp: 270818
Ion Ratio Lower Upper
76 100
78 9.5 6.3 9.5#





#17
 Allyl chloride
 Concen: 23.128 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN080985.D
 Acq: 09 Feb 2024 13:03

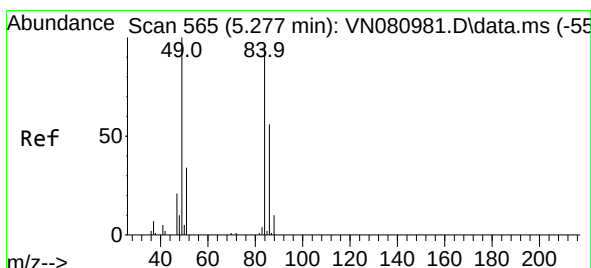
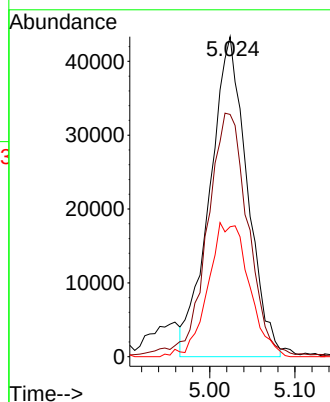
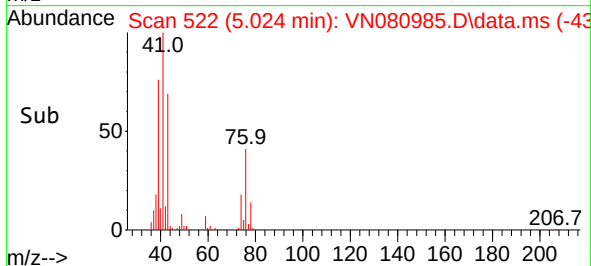
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0209WBS01



Tgt Ion: 41 Resp: 132208
 Ion Ratio Lower Upper
 41 100
 39 74.9 37.6 112.9
 76 40.0 27.8 83.4

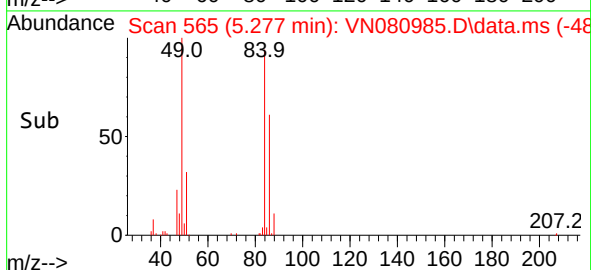
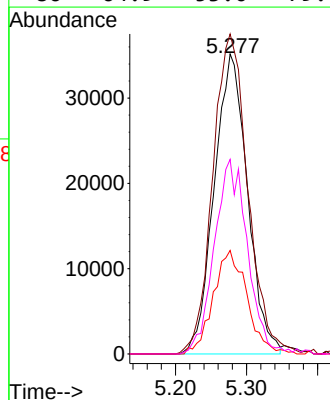
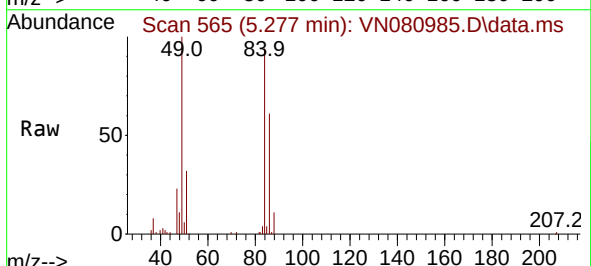
Manual Integrations
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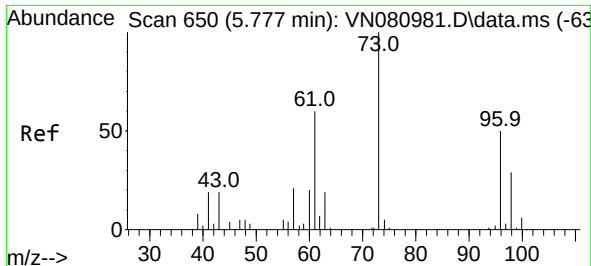
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#18
 Methylene Chloride
 Concen: 22.001 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN080985.D
 Acq: 09 Feb 2024 13:03

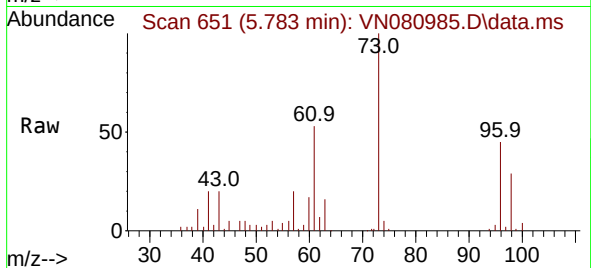
Tgt Ion: 84 Resp: 114437
 Ion Ratio Lower Upper
 84 100
 49 106.2 86.0 129.0
 51 34.5 30.0 45.0
 86 64.9 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 22.140 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

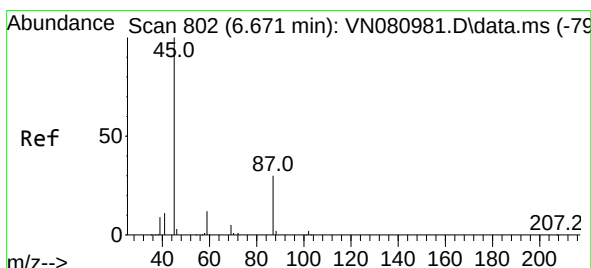
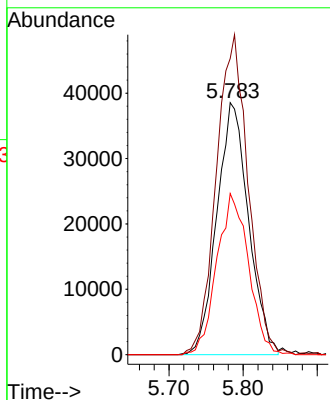
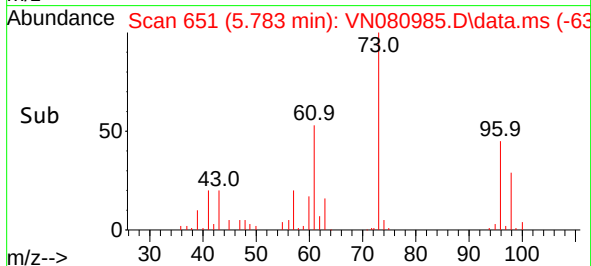
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



Tgt Ion: 96 Resp: 114400
Ion Ratio Lower Upper
96 100
61 117.5 111.8 167.6
98 63.9 49.2 73.8

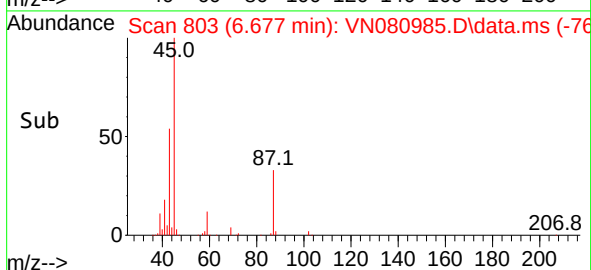
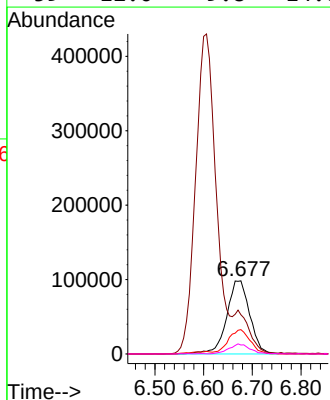
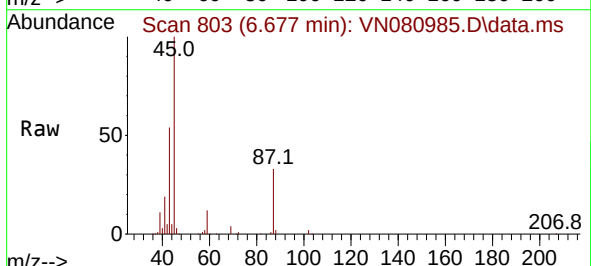
Manual Integrations
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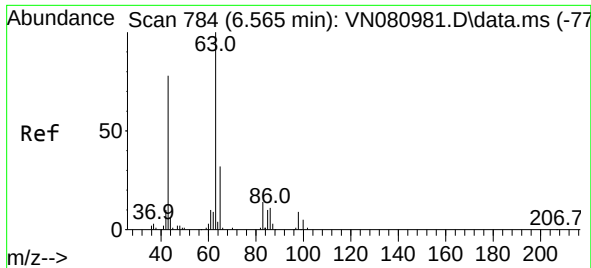
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#20
Diisopropyl ether
Concen: 23.527 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Tgt Ion: 45 Resp: 323243
Ion Ratio Lower Upper
45 100
43 52.5 40.4 60.6
87 33.3 23.8 35.8
59 12.0 9.8 14.6





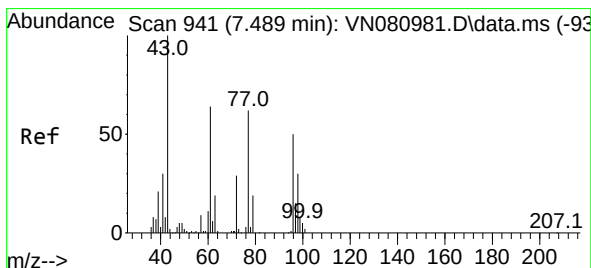
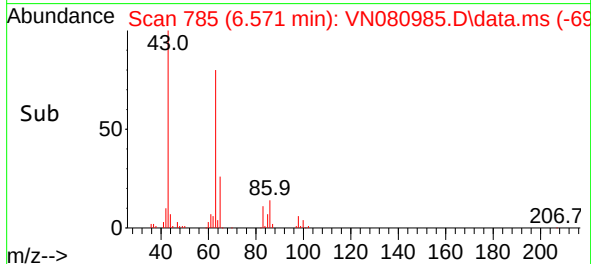
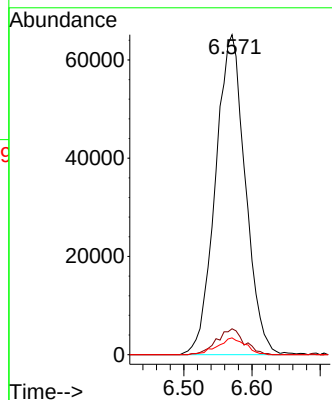
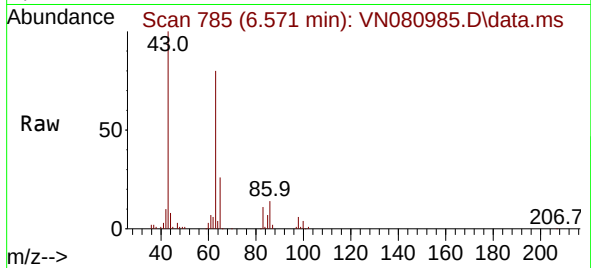
#21
1,1-Dichloroethane
Concen: 22.545 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01

Tgt Ion: 63 Resp: 198509
Ion Ratio Lower Upper
63 100
98 8.1 4.1 12.3
100 5.3 3.0 9.0

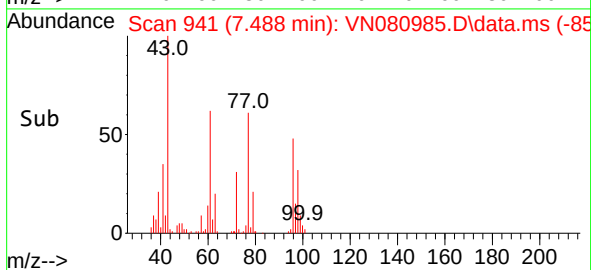
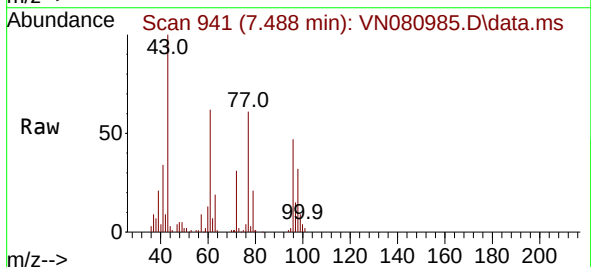
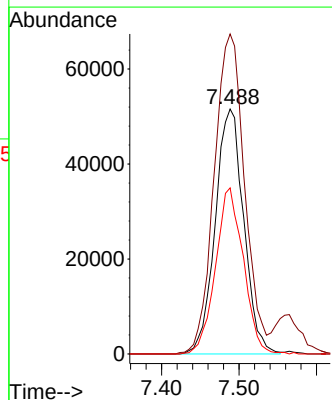
Manual Integrations
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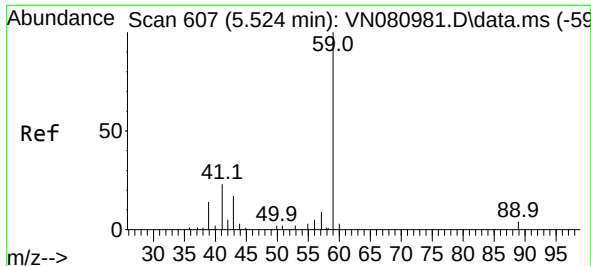
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#22
cis-1,2-Dichloroethene
Concen: 21.953 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Tgt Ion: 96 Resp: 131803
Ion Ratio Lower Upper
96 100
61 139.2 113.5 170.3
98 66.0 52.0 78.0





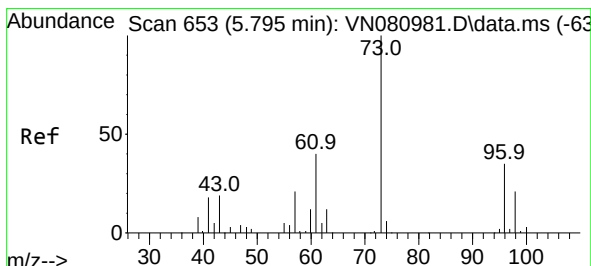
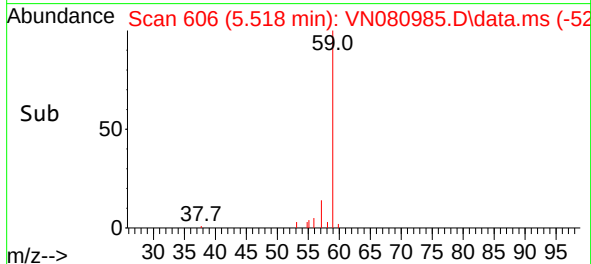
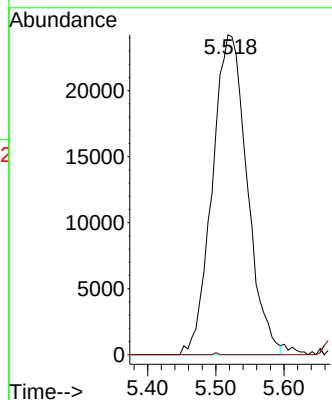
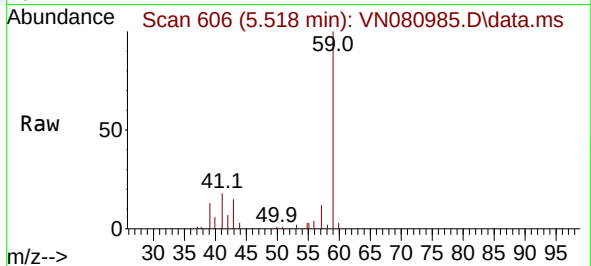
#23
tert-Butyl Alcohol
Concen: 115.404 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01

Tgt Ion: 59 Resp: 8610
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

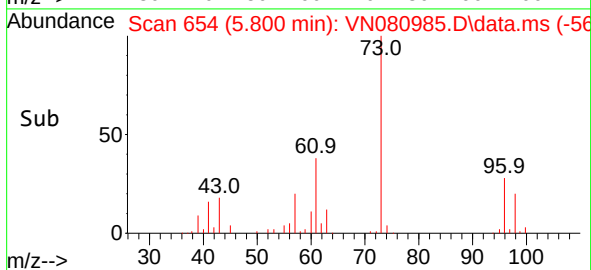
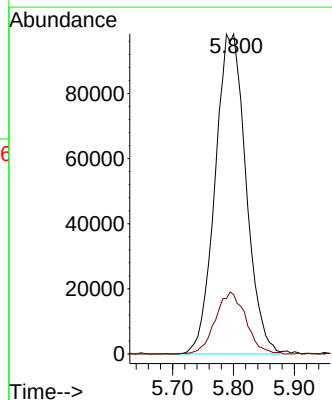
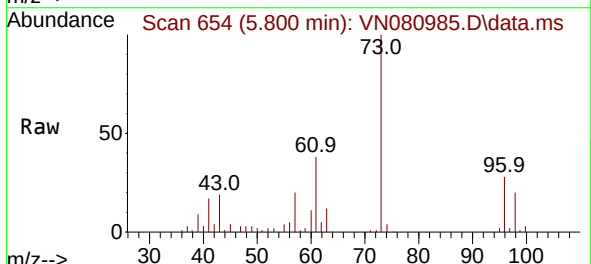
Manual Integrations
APPROVED

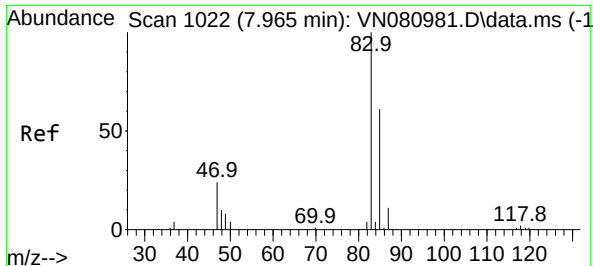
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#24
Methyl tert-Butyl Ether
Concen: 22.929 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Tgt Ion: 73 Resp: 345982
Ion Ratio Lower Upper
73 100
43 19.1 13.4 20.2





#25

Chloroform

Concen: 23.002 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN080985.D

Acq: 09 Feb 2024 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0209WBS01

Tgt Ion: 83 Resp: 22469

Ion Ratio Lower Upper

83 100

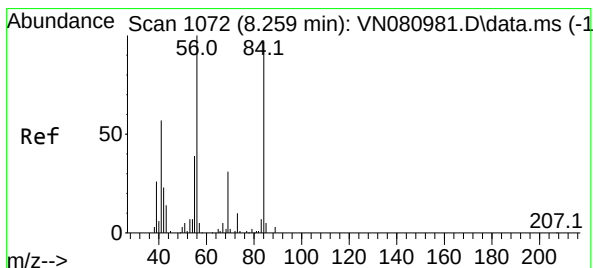
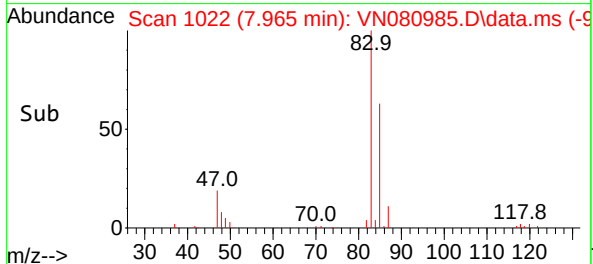
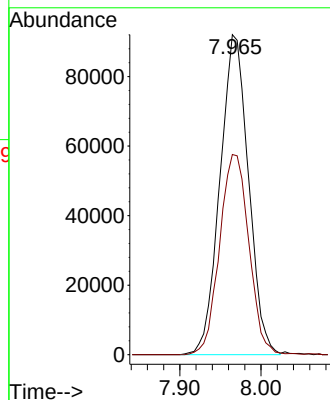
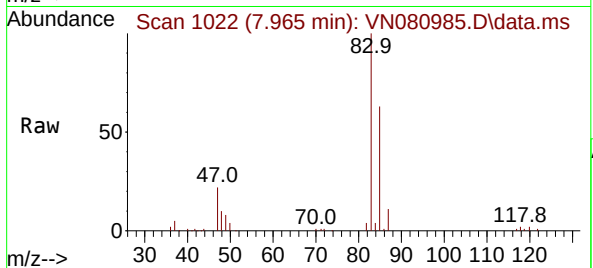
85 62.5 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#26

Cyclohexane

Concen: 23.685 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN080985.D

Acq: 09 Feb 2024 13:03

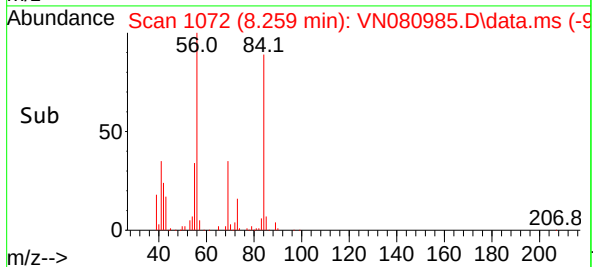
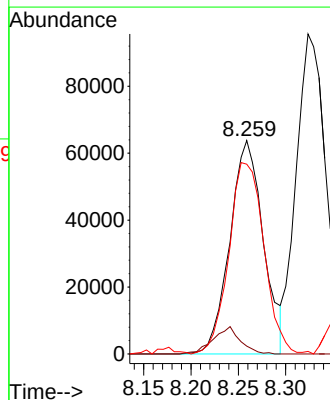
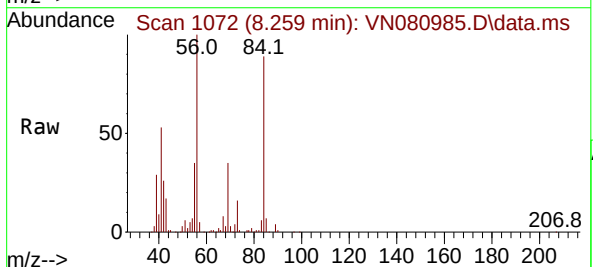
Tgt Ion: 56 Resp: 157035

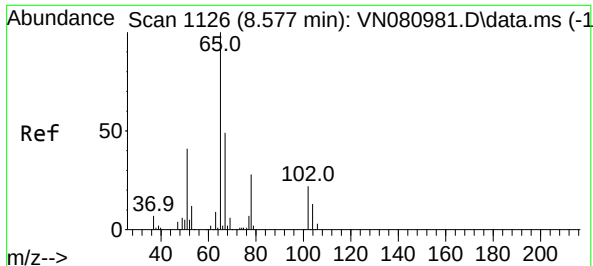
Ion Ratio Lower Upper

56 100

89 10.4 19.3 28.9#

84 93.8 71.3 106.9





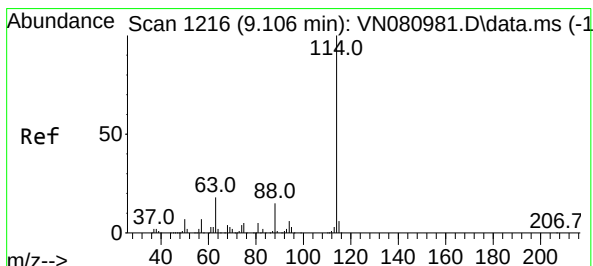
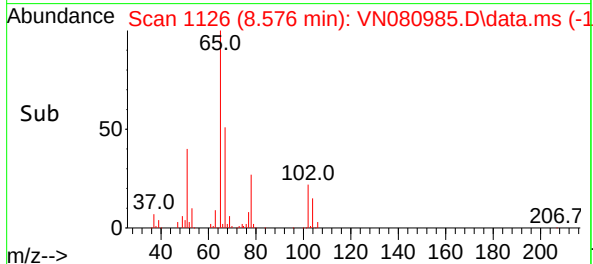
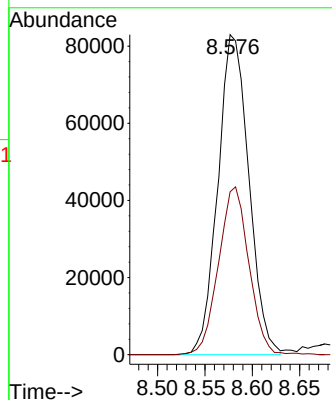
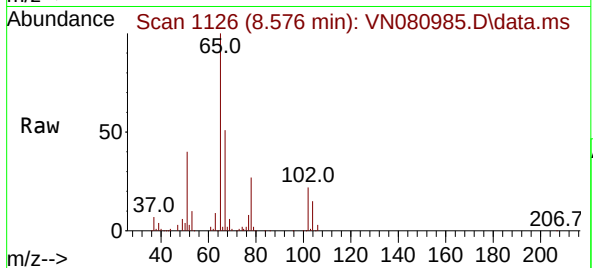
#27
1,2-Dichloroethane-d4
Concen: 31.465 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01

Tgt Ion: 65 Resp: 188579
Ion Ratio Lower Upper
65 100
67 51.4 43.2 64.8

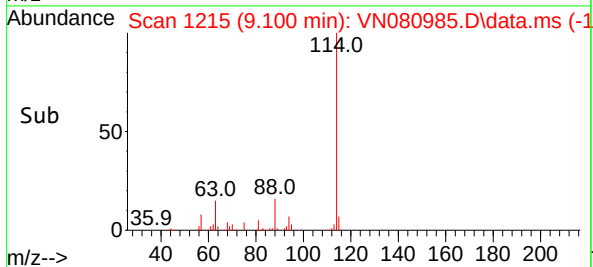
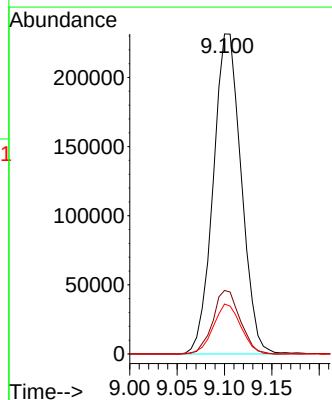
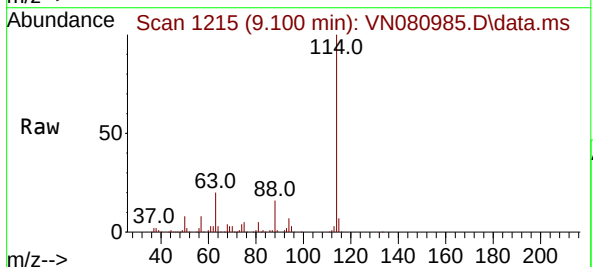
Manual Integrations
APPROVED

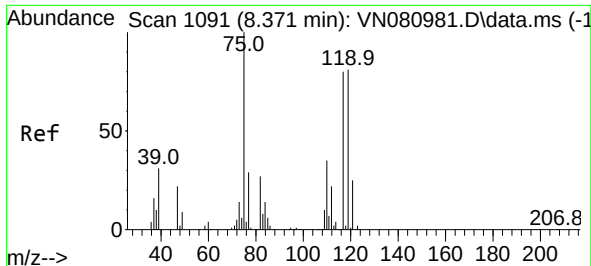
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

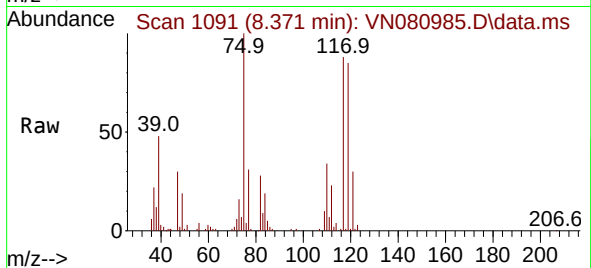
Tgt Ion:114 Resp: 476312
Ion Ratio Lower Upper
114 100
63 19.4 15.9 23.9
88 15.3 12.7 19.1





#29
1,1-Dichloropropene
Concen: 22.873 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

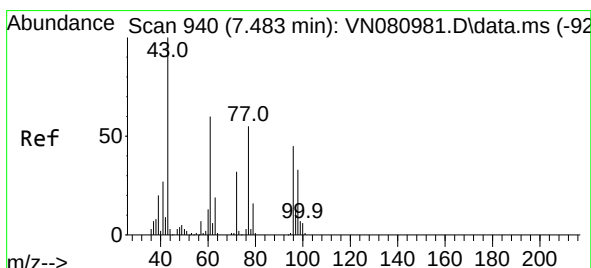
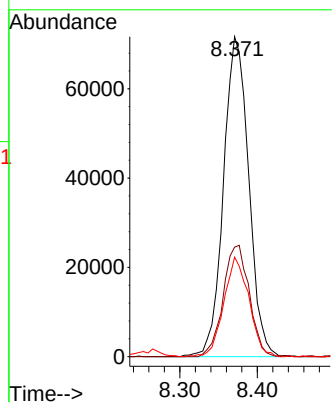
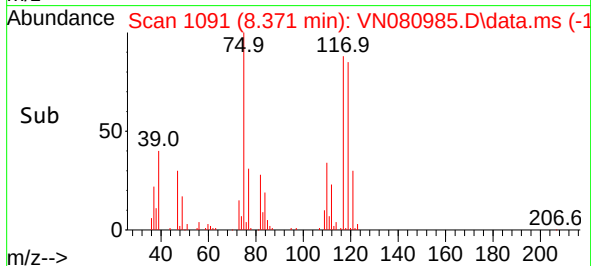
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



Tgt Ion: 75 Resp: 162280
Ion Ratio Lower Upper
75 100
110 35.9 0.0 70.2
77 31.0 0.0 61.4

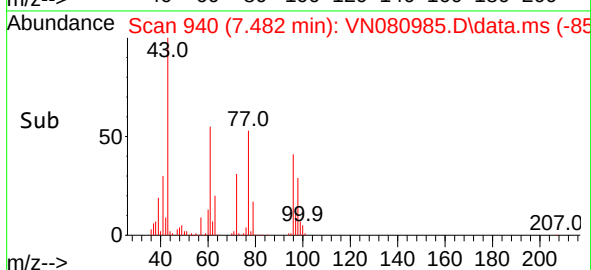
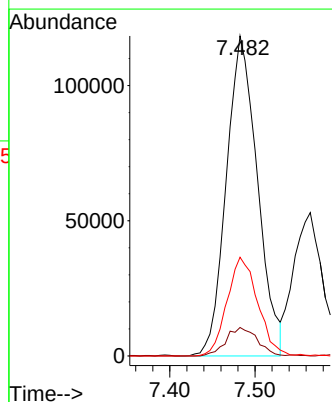
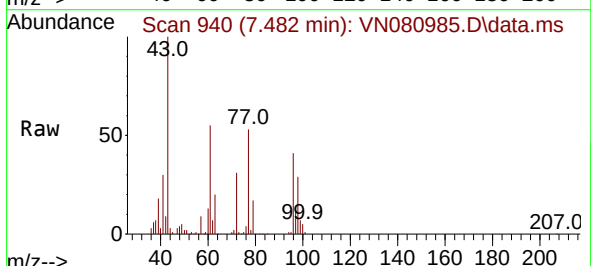
Manual Integrations
APPROVED

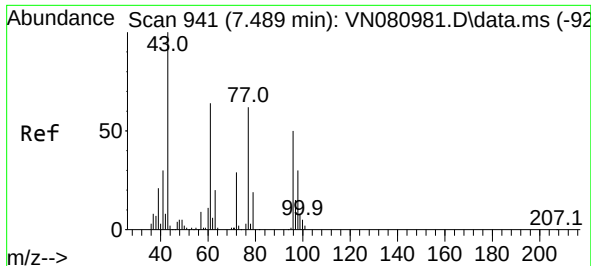
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#30
2-Butanone
Concen: 115.493 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Tgt Ion: 43 Resp: 300643
Ion Ratio Lower Upper
43 100
57 8.9 6.7 10.1
72 30.4 24.0 36.0





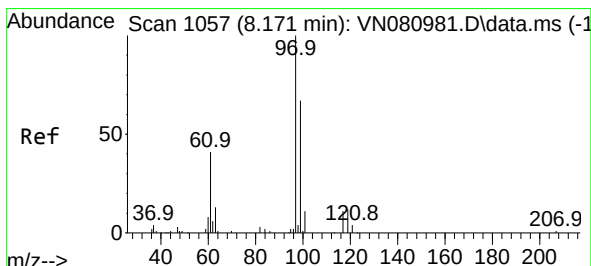
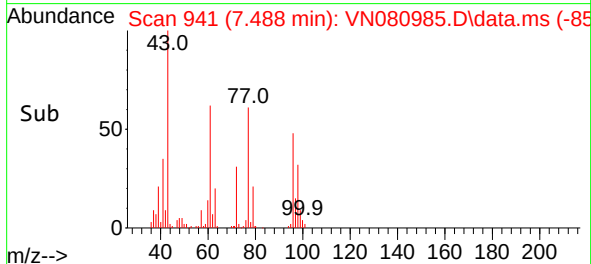
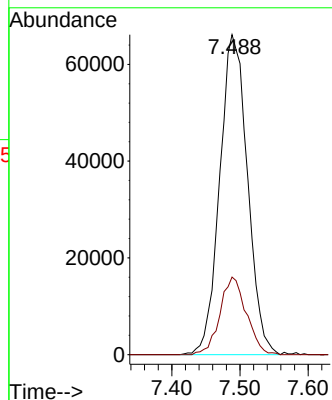
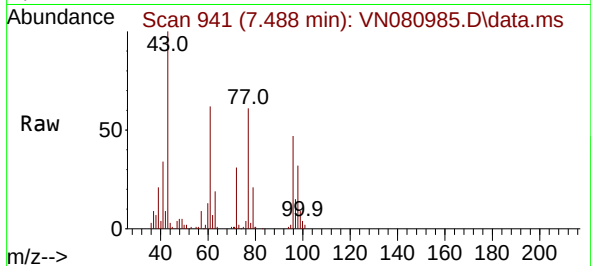
#31
2,2-Dichloropropane
Concen: 23.198 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01

Tgt Ion: 77 Resp: 18739
Ion Ratio Lower Upper
77 100
97 22.9 18.3 27.5

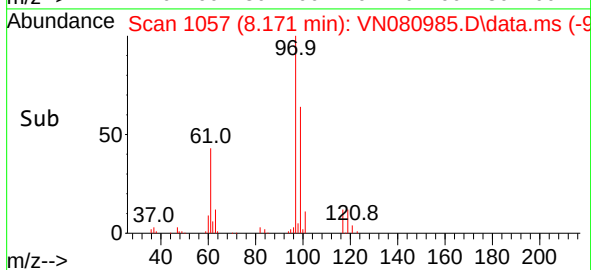
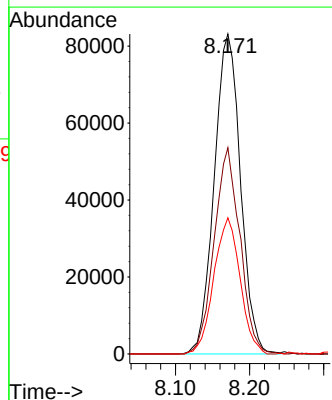
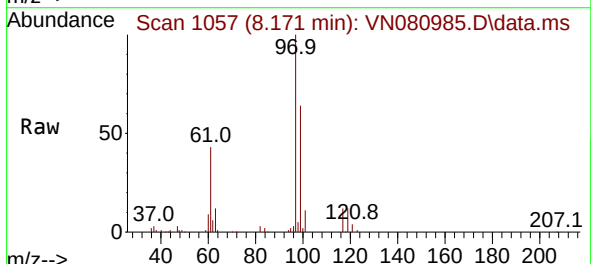
Manual Integrations
APPROVED

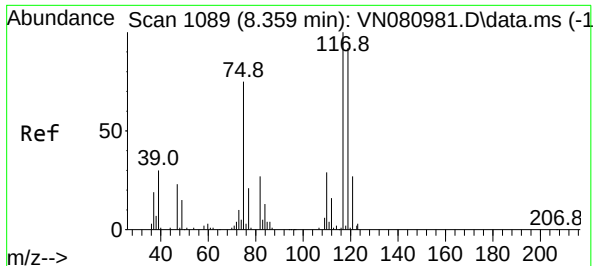
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#32
1,1,1-Trichloroethane
Concen: 22.976 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

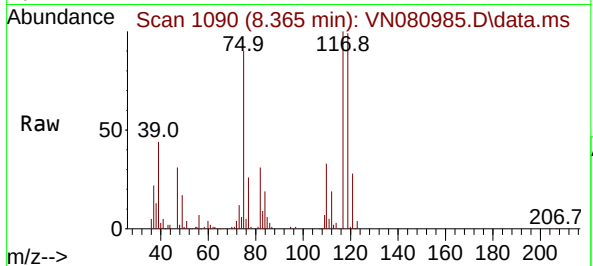
Tgt Ion: 97 Resp: 205068
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 42.5 33.8 50.8





#33
Carbon Tetrachloride
Concen: 22.495 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

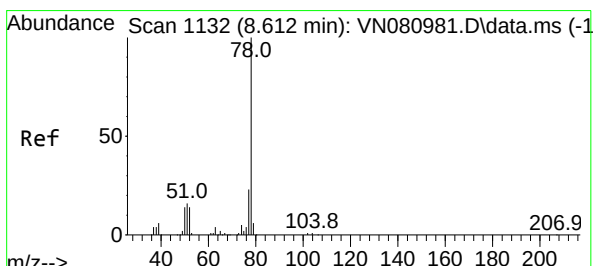
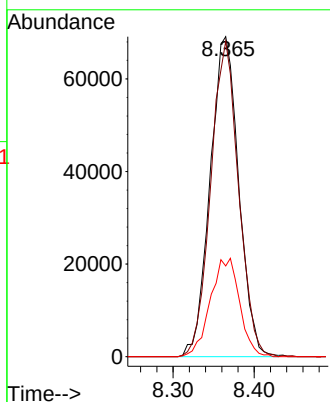
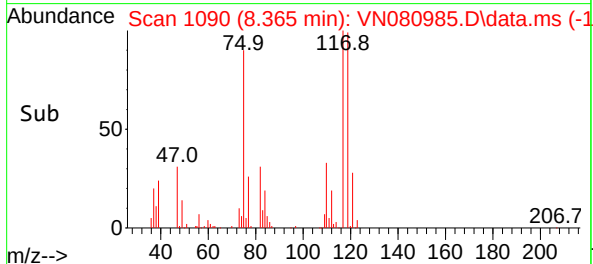
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



Tgt Ion: 117 Resp: 16915
Ion Ratio Lower Upper
117 100
119 98.6 77.7 116.5
121 28.4 27.0 40.6

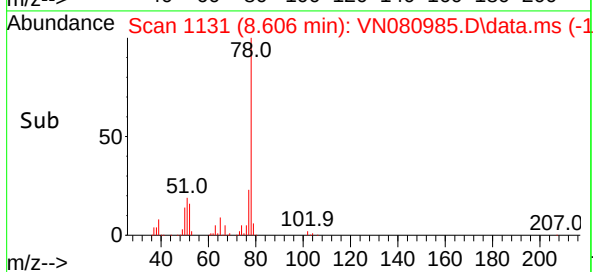
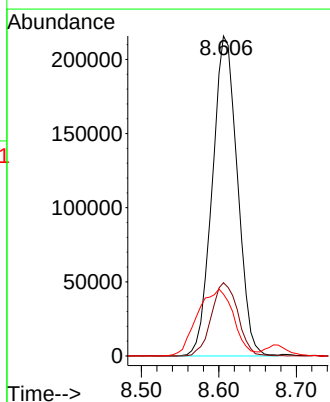
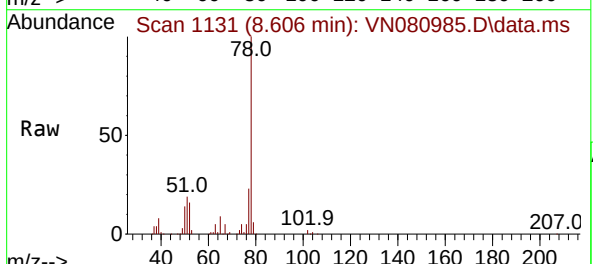
Manual Integrations
APPROVED

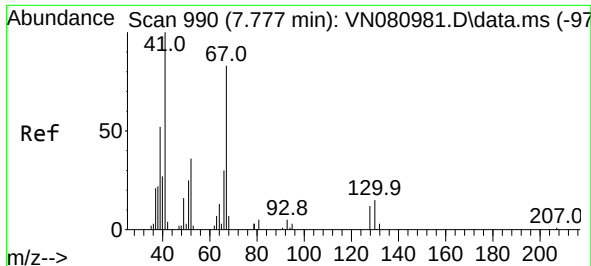
Reviewed By : John Carlone 02/12/2024
Supervised By : Mahesh Dadoda 02/12/2024



#34
Benzene
Concen: 22.393 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

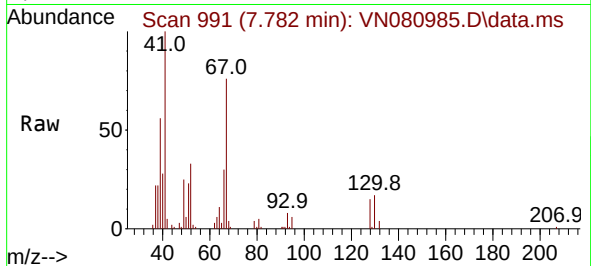
Tgt Ion: 78 Resp: 485506
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8
51 18.3 13.3 19.9





#35
Methacrylonitrile
Concen: 22.499 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

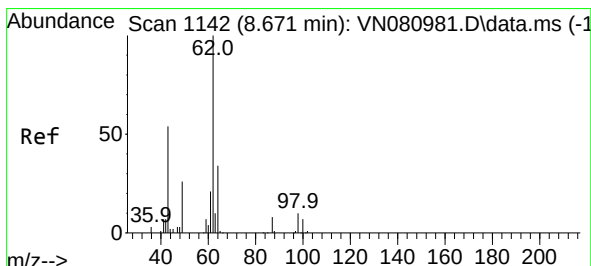
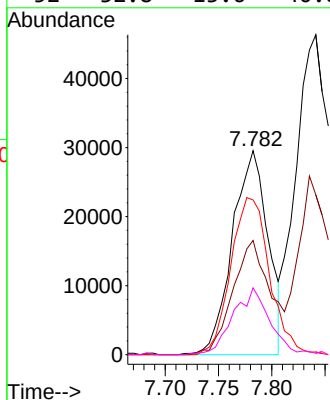
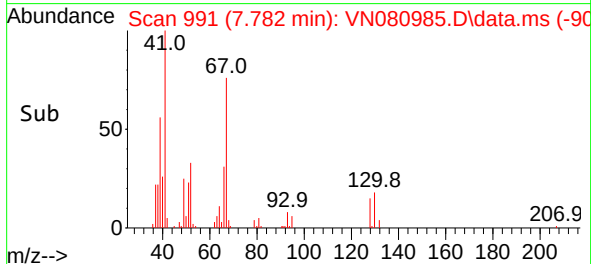
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



Tgt Ion: 41 Resp: 68840
Ion Ratio Lower Upper
41 100
39 56.0 25.3 75.9
67 75.9 38.7 116.1
52 32.8 13.6 40.8

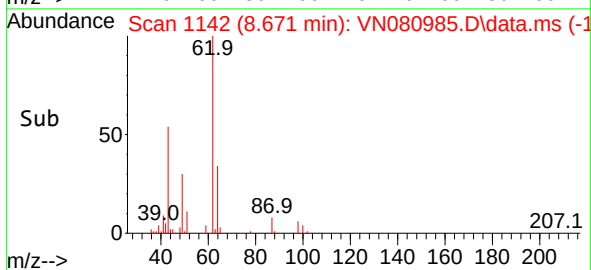
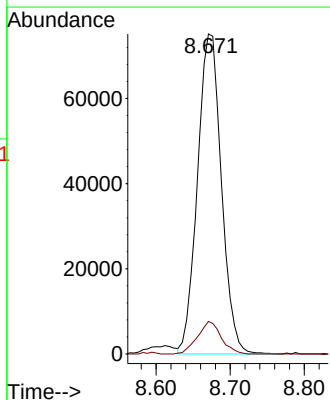
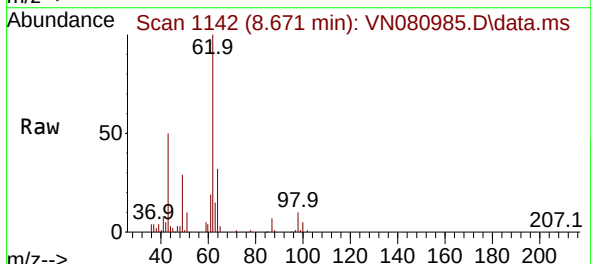
Manual Integrations
APPROVED

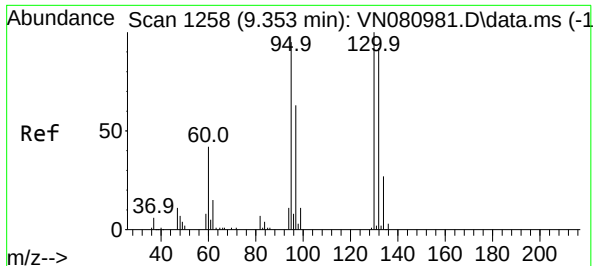
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#36
1,2-Dichloroethane
Concen: 23.199 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Tgt Ion: 62 Resp: 168804
Ion Ratio Lower Upper
62 100
98 10.0 8.2 12.4





#37

Trichloroethene

Concen: 22.411 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN080985.D

Acq: 09 Feb 2024 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0209WBS01

Tgt Ion:130 Resp: 12918

Ion Ratio Lower Upper

130 100

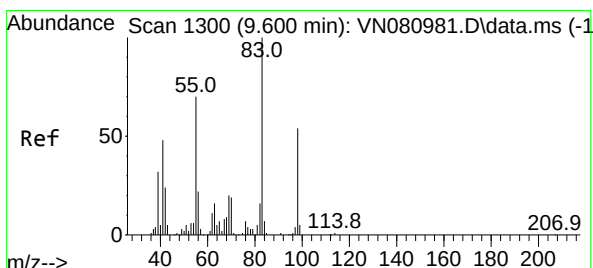
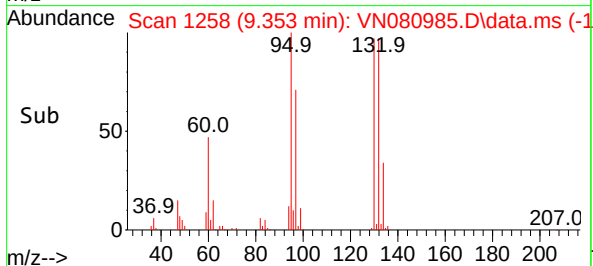
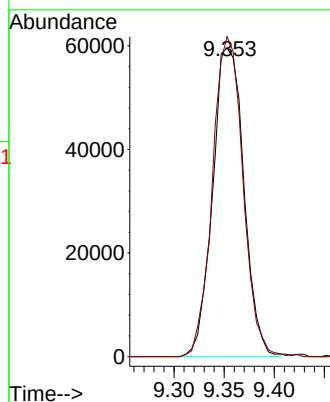
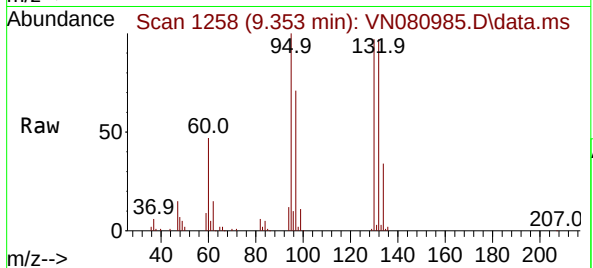
95 103.6 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#38

Methylcyclohexane

Concen: 23.195 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN080985.D

Acq: 09 Feb 2024 13:03

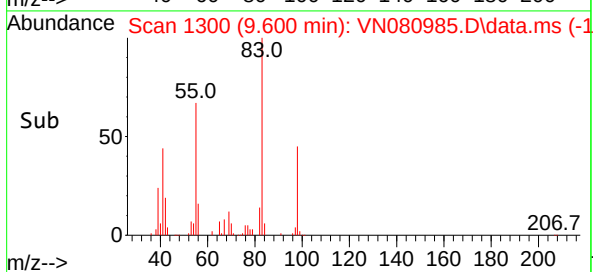
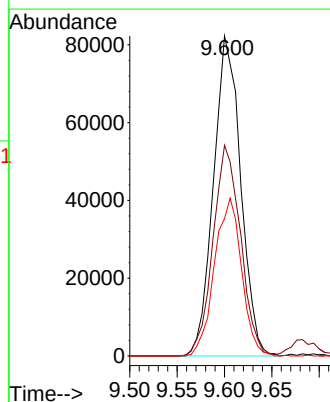
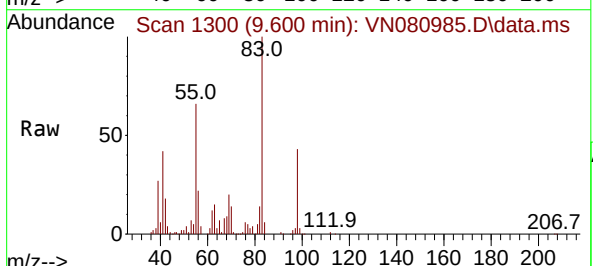
Tgt Ion: 83 Resp: 164232

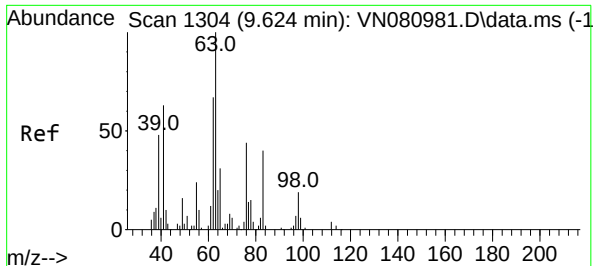
Ion Ratio Lower Upper

83 100

55 66.7 36.6 109.9

98 49.2 23.8 71.5





#39

1,2-Dichloropropane

Concen: 22.919 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080985.D

Acq: 09 Feb 2024 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0209WBS01

Tgt Ion: 63 Resp: 11786

Ion Ratio Lower Upper

63 100

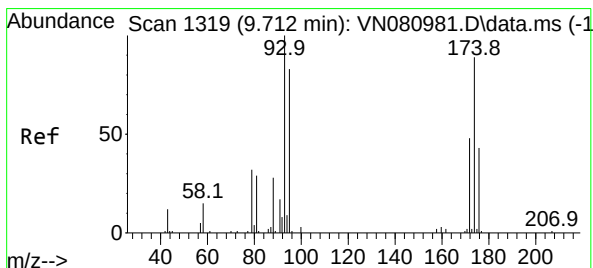
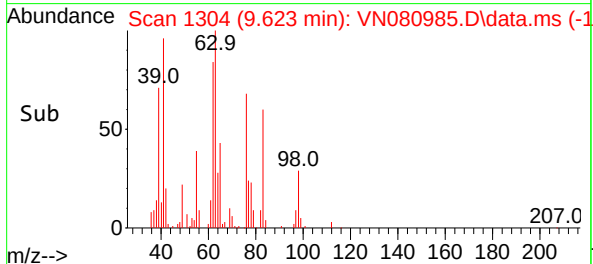
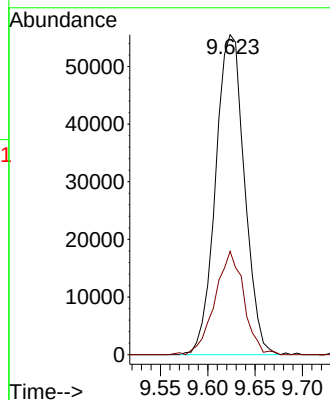
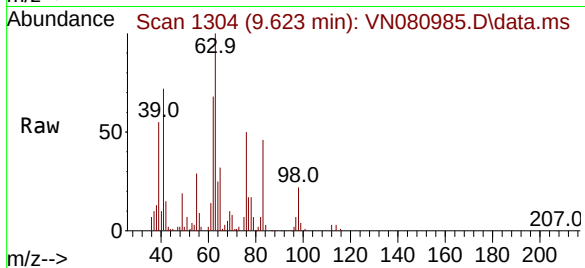
65 32.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#40

Dibromomethane

Concen: 21.765 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080985.D

Acq: 09 Feb 2024 13:03

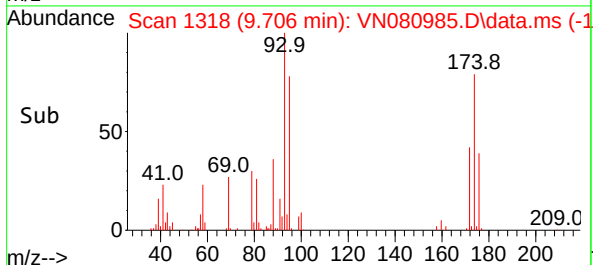
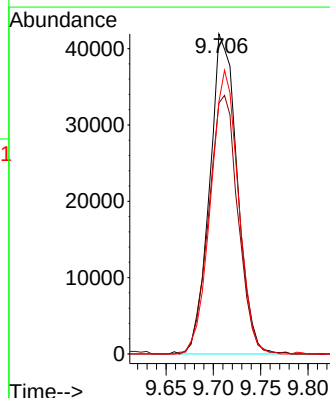
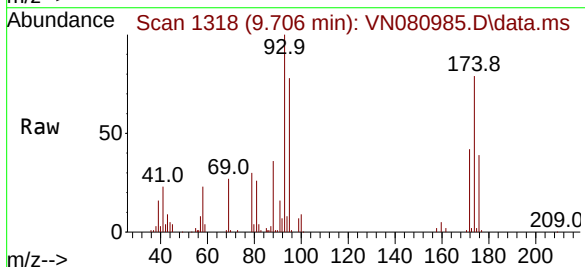
Tgt Ion: 93 Resp: 85158

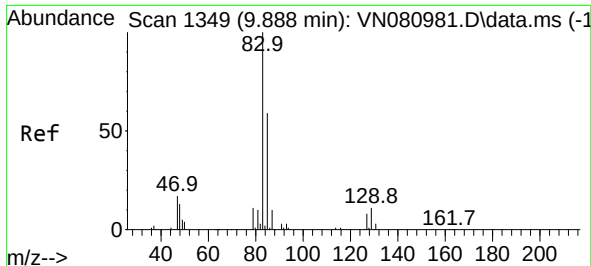
Ion Ratio Lower Upper

93 100

95 85.1 0.0 164.6

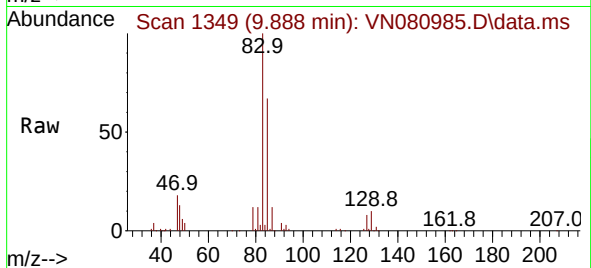
174 88.9 0.0 193.2





#41
Bromodichloromethane
Concen: 22.435 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

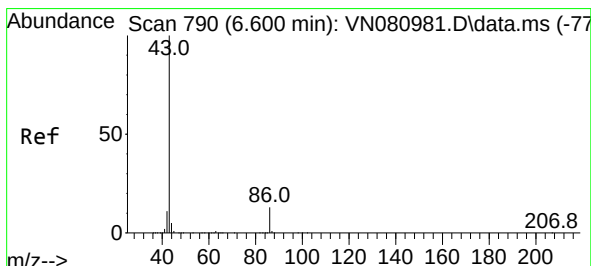
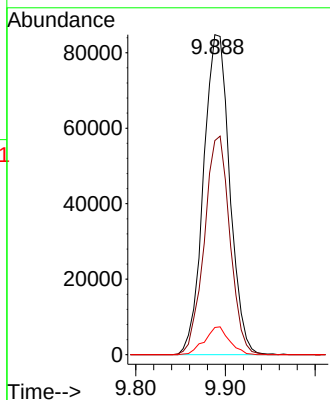
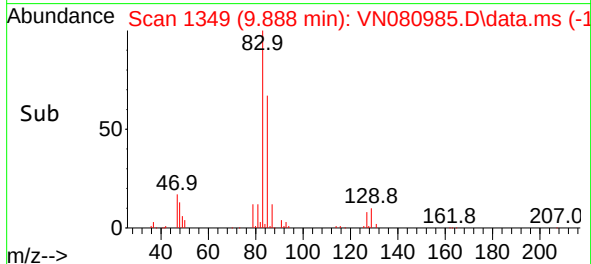
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



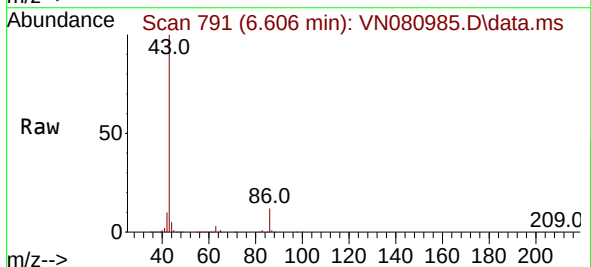
Tgt Ion: 83 Resp: 171790
Ion Ratio Lower Upper
83 100
85 66.9 49.4 74.2
127 8.5 7.3 10.9

Manual Integrations
APPROVED

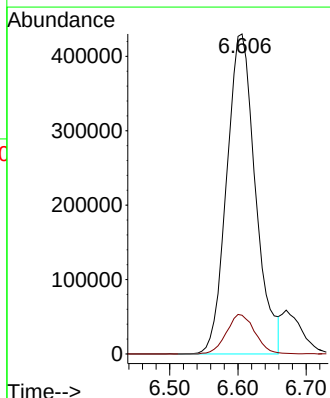
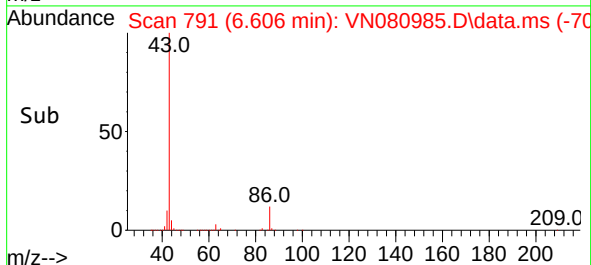
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

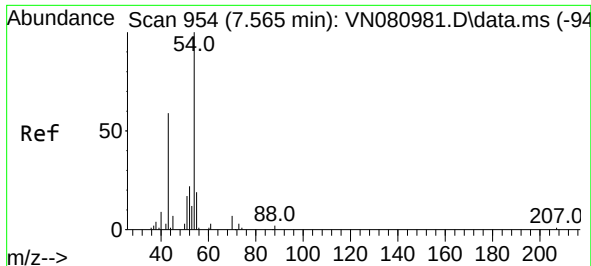


#42
Vinyl Acetate
Concen: 113.361 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03



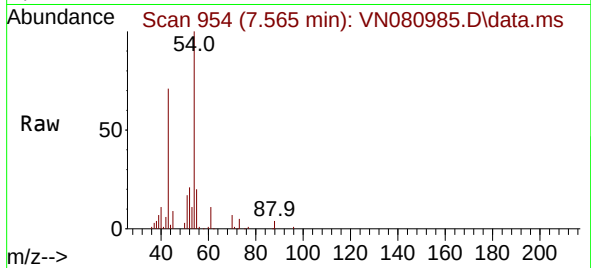
Tgt Ion: 43 Resp: 1262243
Ion Ratio Lower Upper
43 100
86 12.2 9.4 14.2





#43
Ethyl Acetate
Concen: 21.435 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

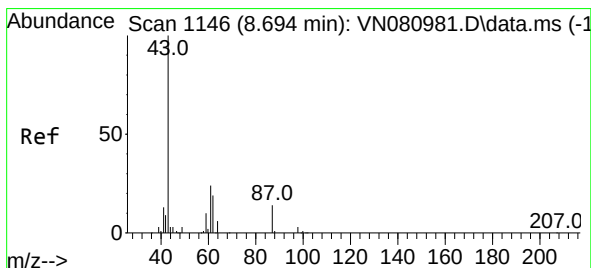
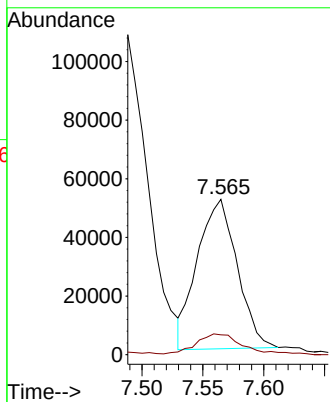
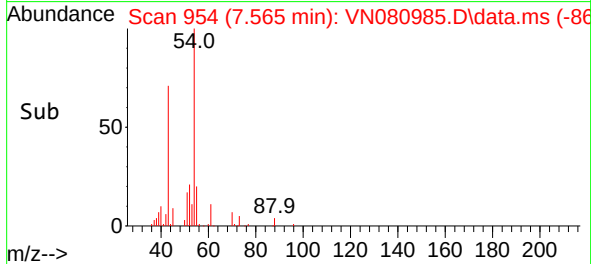
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



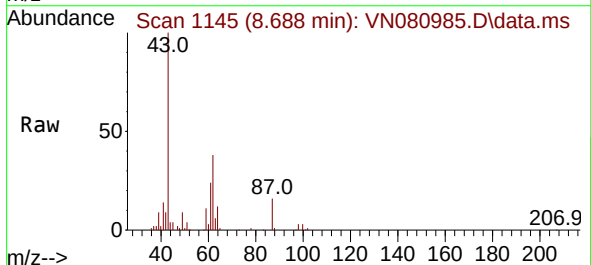
Tgt Ion: 43 Resp: 11622
Ion Ratio Lower Upper
43 100
45 14.0 10.6 15.8

Manual Integrations
APPROVED

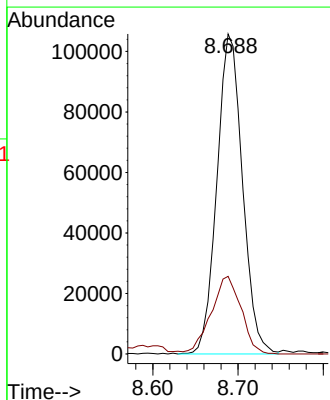
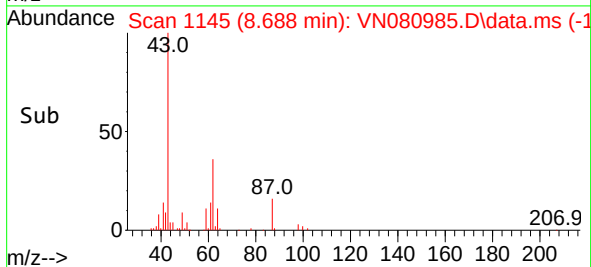
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

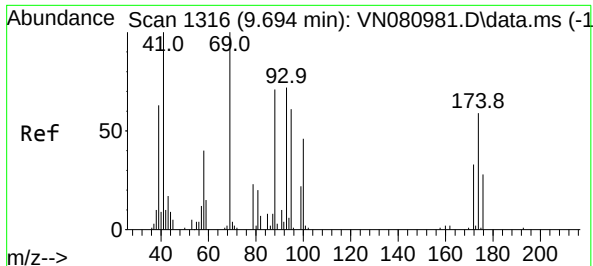


#44
Isopropyl Acetate
Concen: 22.644 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03



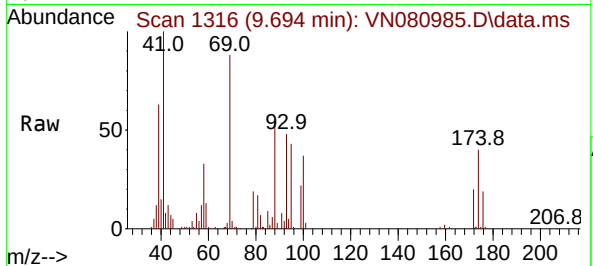
Tgt Ion: 43 Resp: 220594
Ion Ratio Lower Upper
43 100
61 28.4 25.0 37.4





#45
1,4-Dioxane
Concen: 461.589 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

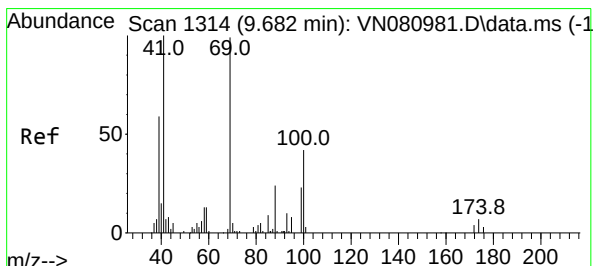
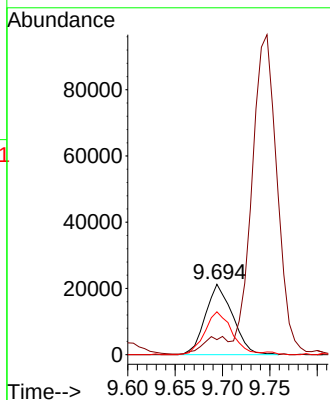
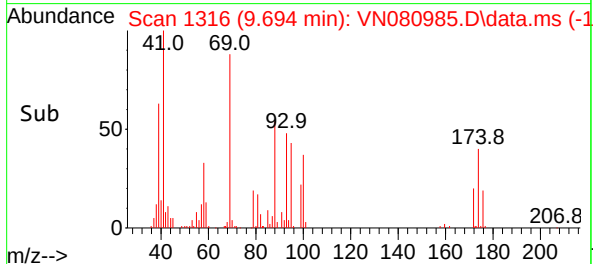
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



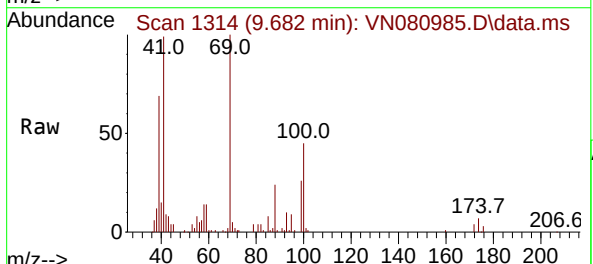
Tgt Ion: 88 Resp: 42648
Ion Ratio Lower Upper
88 100
43 23.3 19.8 29.6
58 60.6 55.4 83.0

Manual Integrations
APPROVED

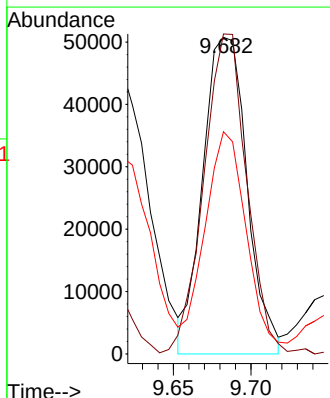
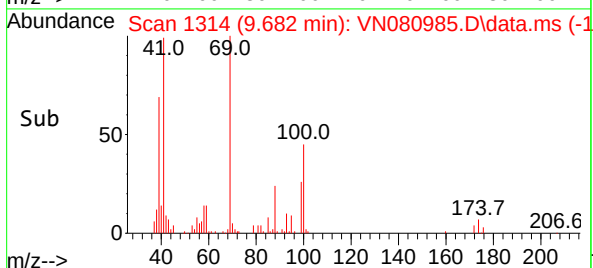
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

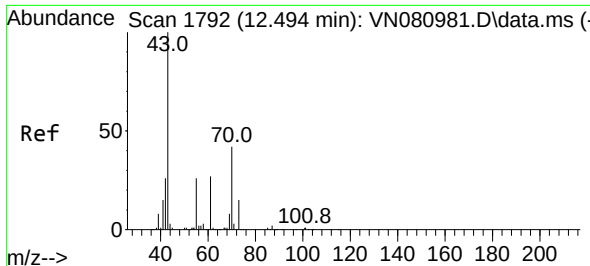


#46
Methyl methacrylate
Concen: 22.553 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03



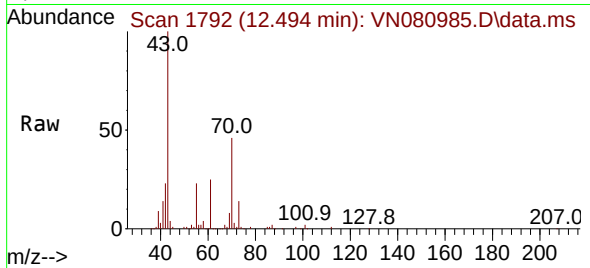
Tgt Ion: 41 Resp: 100530
Ion Ratio Lower Upper
41 100
69 103.2 51.1 153.3
39 70.1 25.8 77.3





#47
n-amy1 Acetate
Concen: 22.168 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

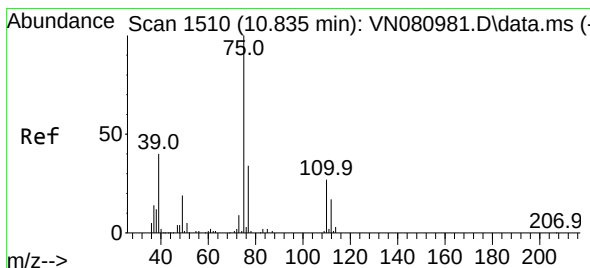
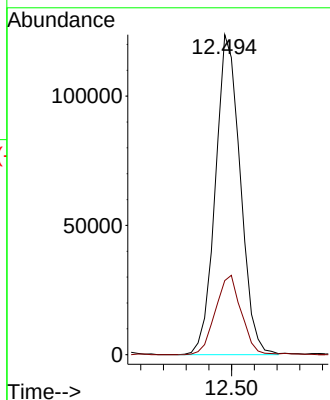
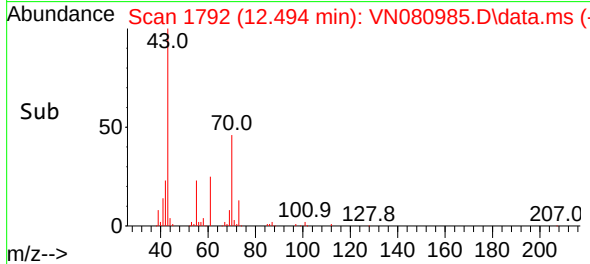
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



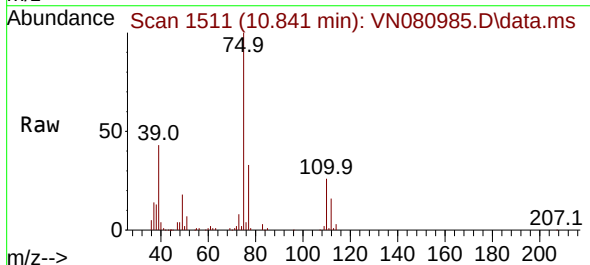
Tgt Ion: 43 Resp: 18834
Ion Ratio Lower Upper
43 100
55 25.7 23.4 35.2

Manual Integrations
APPROVED

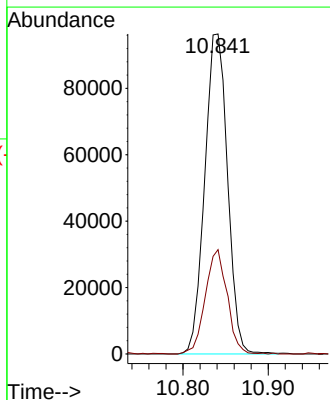
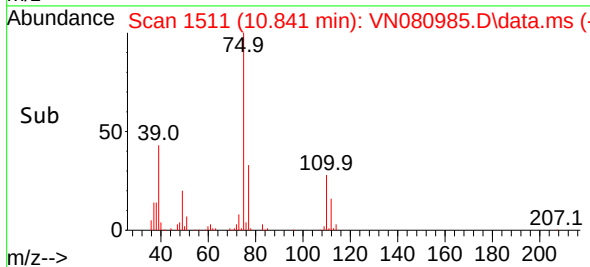
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

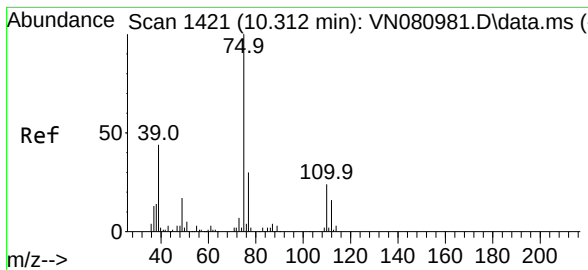


#48
t-1,3-Dichloropropene
Concen: 22.340 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03



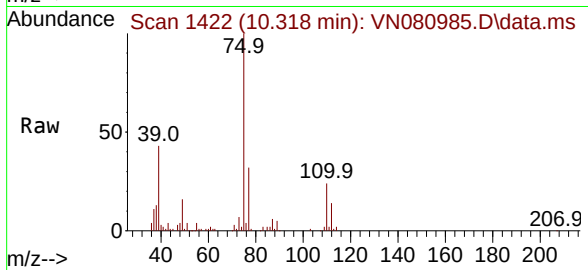
Tgt Ion: 75 Resp: 179290
Ion Ratio Lower Upper
75 100
77 32.6 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 22.156 ug/l
RT: 10.318 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

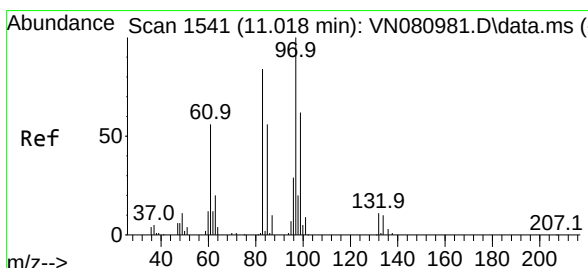
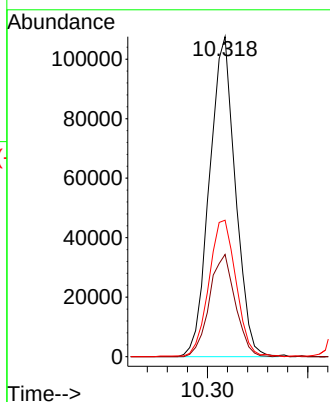
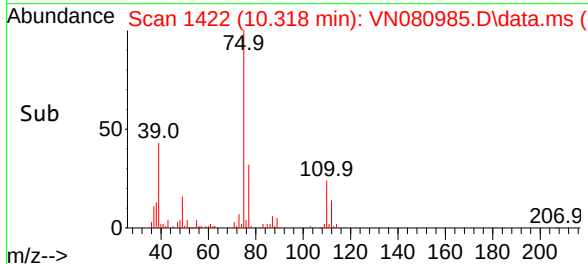
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



Tgt Ion: 75 Resp: 19267
Ion Ratio Lower Upper
75 100
77 31.9 24.9 37.3
39 42.4 31.0 46.6

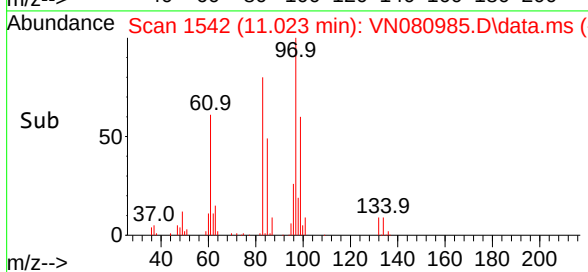
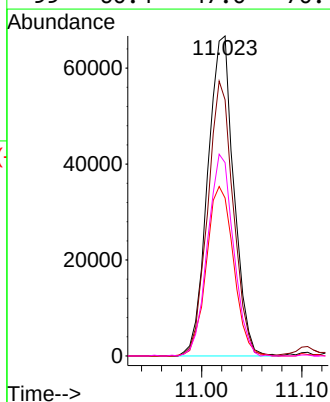
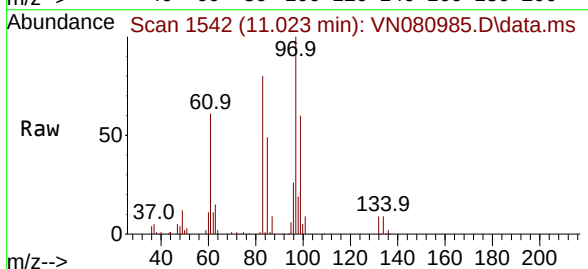
Manual Integrations
APPROVED

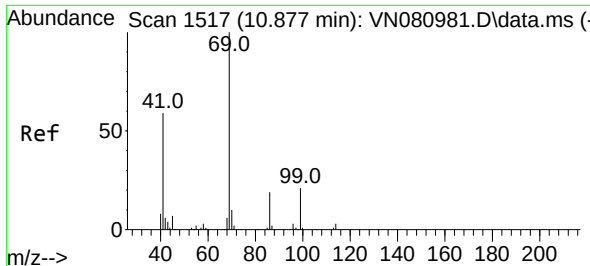
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#50
1,1,2-Trichloroethane
Concen: 22.356 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

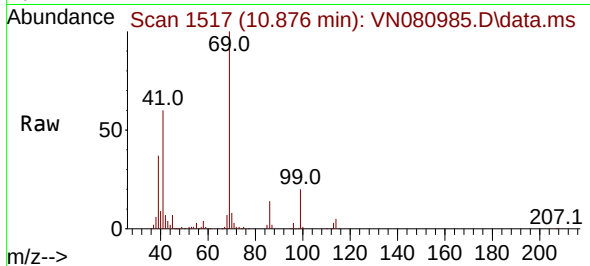
Tgt Ion: 97 Resp: 121032
Ion Ratio Lower Upper
97 100
83 80.1 68.1 102.1
85 49.4 41.8 62.6
99 60.4 47.0 70.4





#51
Ethyl methacrylate
Concen: 22.310 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

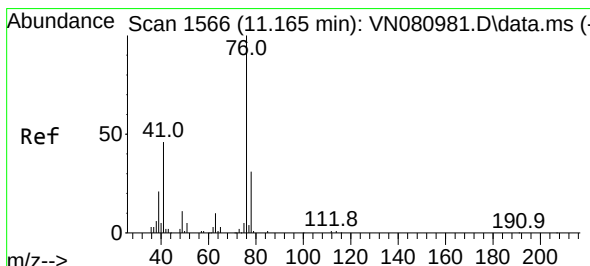
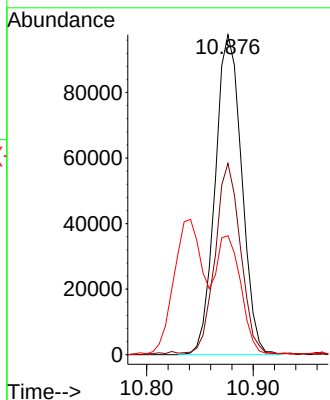
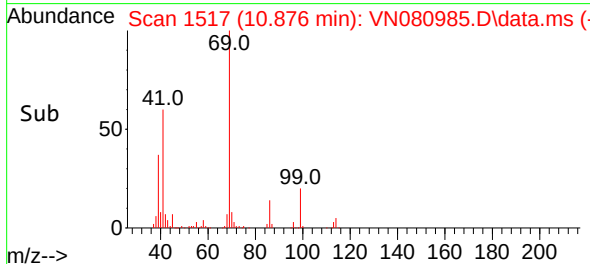
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



Tgt Ion: 69 Resp: 16881
Ion Ratio Lower Upper
69 100
41 59.5 25.5 76.5
39 36.8 16.0 47.9

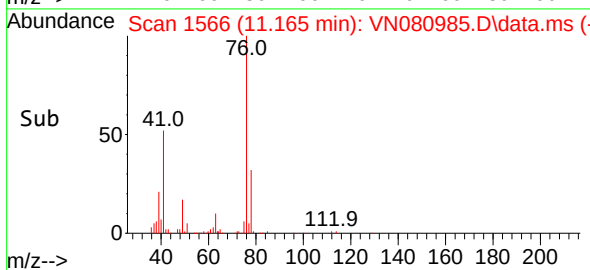
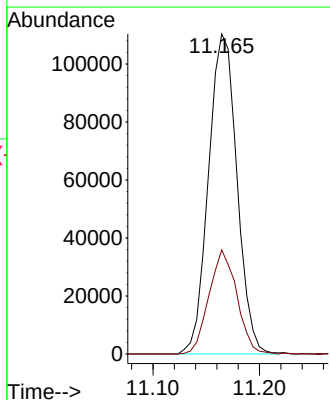
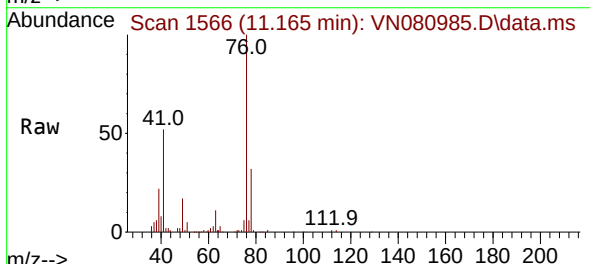
Manual Integrations
APPROVED

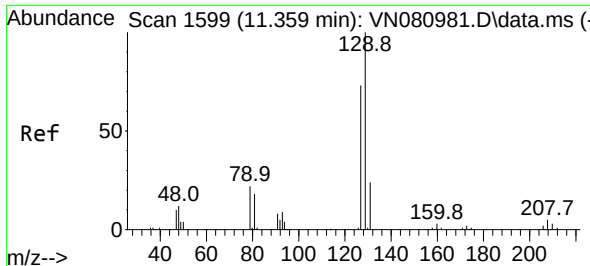
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#52
1,3-Dichloropropane
Concen: 22.917 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

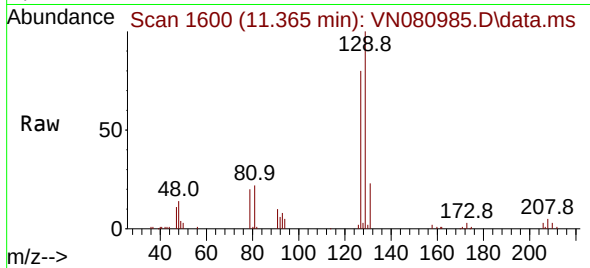
Tgt Ion: 76 Resp: 204875
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.8





#53
Dibromochloromethane
Concen: 21.277 ug/l
RT: 11.365 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

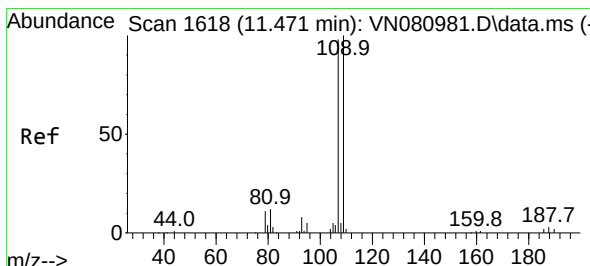
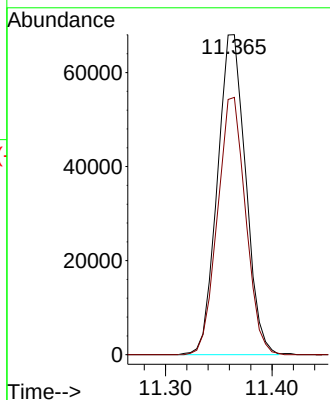
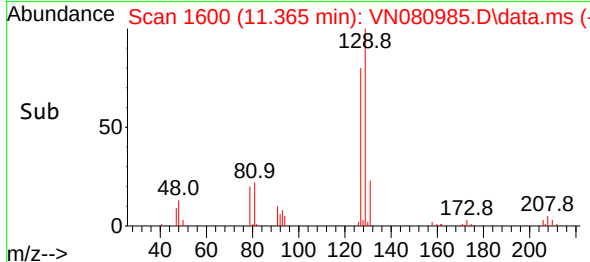
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



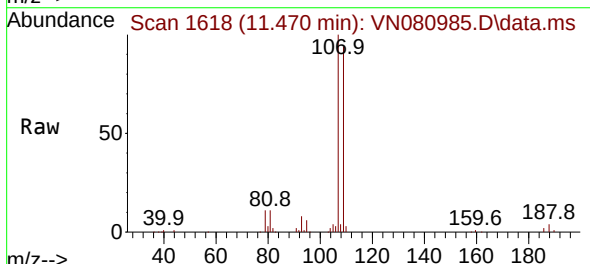
Tgt Ion:129 Resp: 125548
Ion Ratio Lower Upper
129 100
127 79.8 39.4 118.1

Manual Integrations
APPROVED

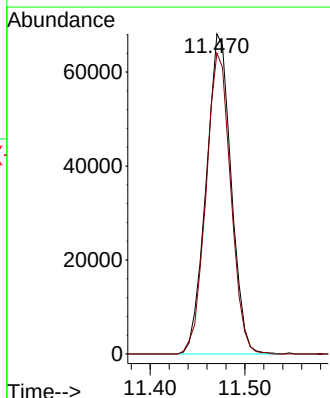
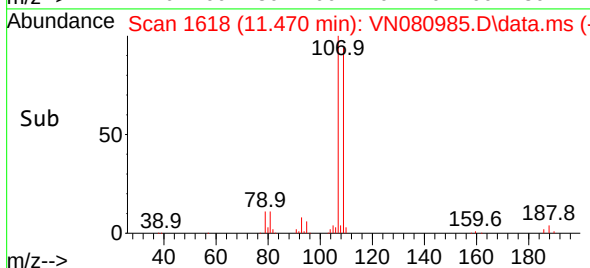
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

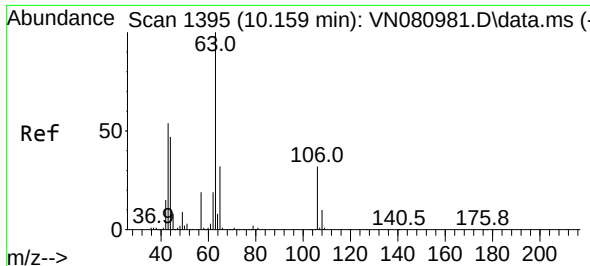


#54
1,2-Dibromoethane
Concen: 22.247 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03



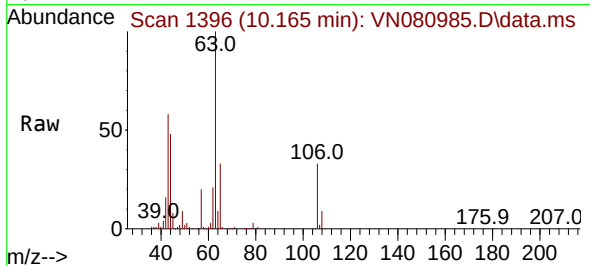
Tgt Ion:107 Resp: 124604
Ion Ratio Lower Upper
107 100
109 93.2 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 83.109 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

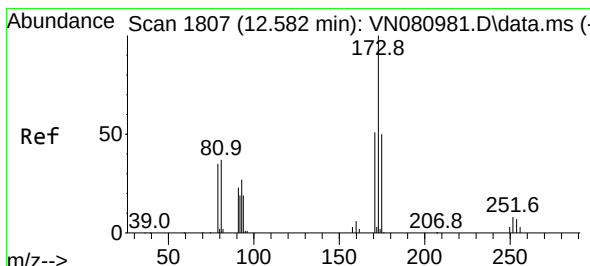
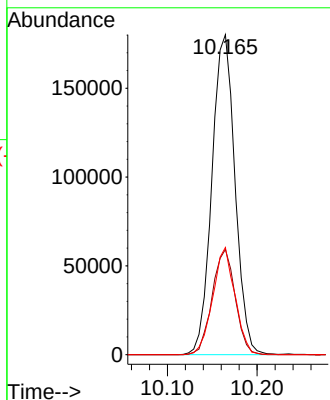
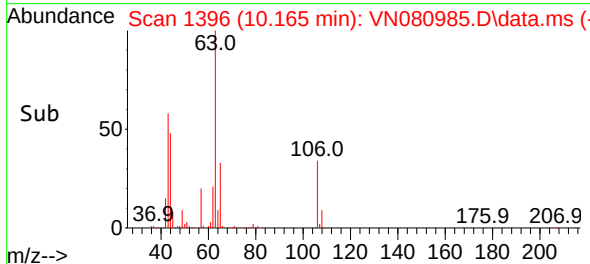
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



Tgt Ion: 63 Resp: 32225
Ion Ratio Lower Upper
63 100
65 32.7 26.2 39.2
106 32.2 23.8 35.8

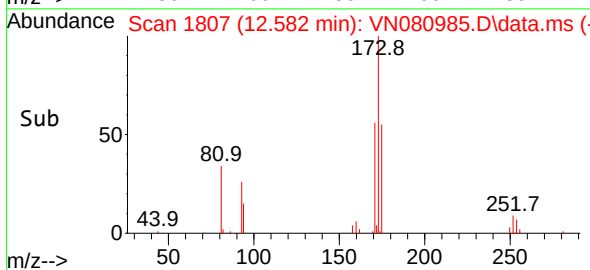
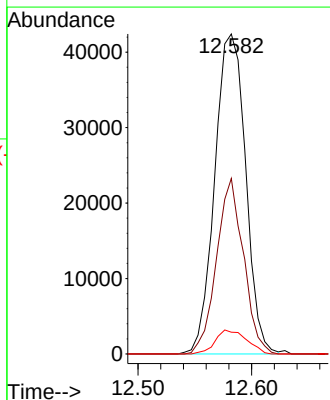
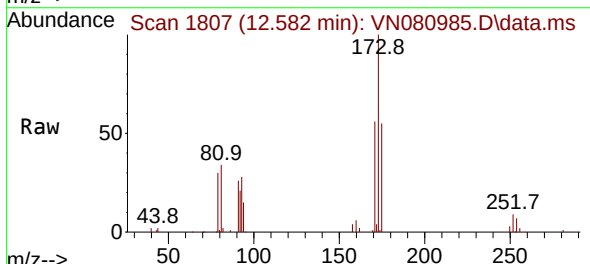
Manual Integrations
APPROVED

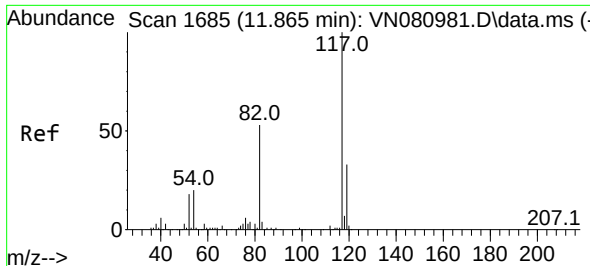
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#56
Bromoform
Concen: 21.308 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

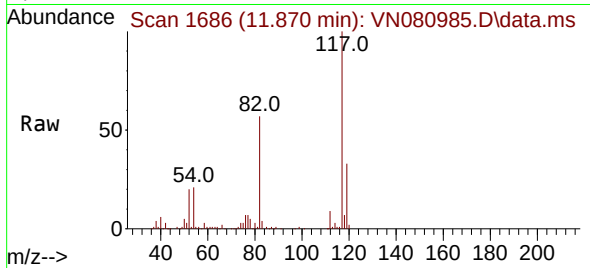
Tgt Ion:173 Resp: 80075
Ion Ratio Lower Upper
173 100
175 47.9 40.0 60.0
254 7.6 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

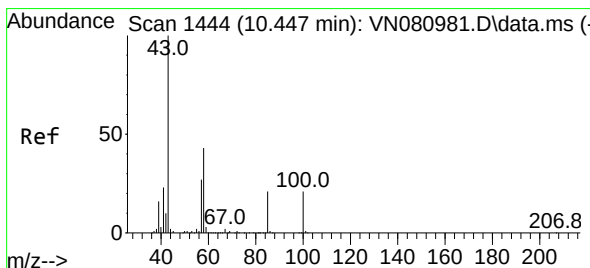
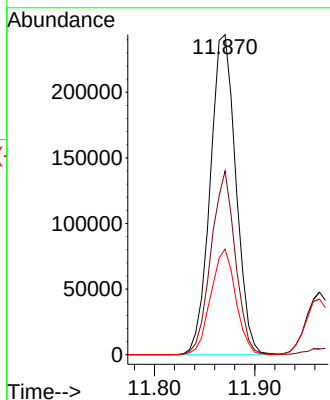
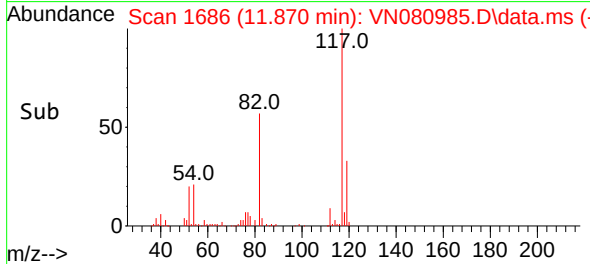
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



Tgt Ion:117 Resp: 434332
Ion Ratio Lower Upper
117 100
82 54.4 46.6 69.8
119 32.1 25.4 38.2

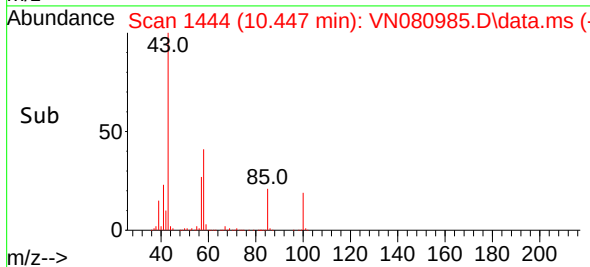
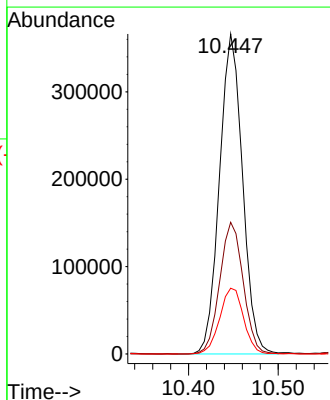
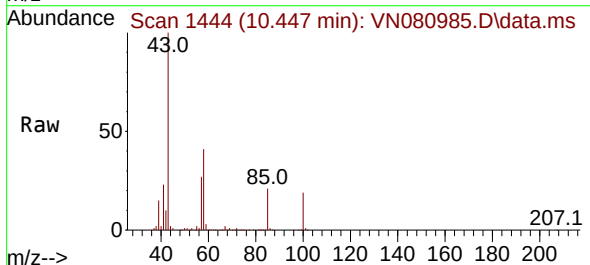
Manual Integrations
APPROVED

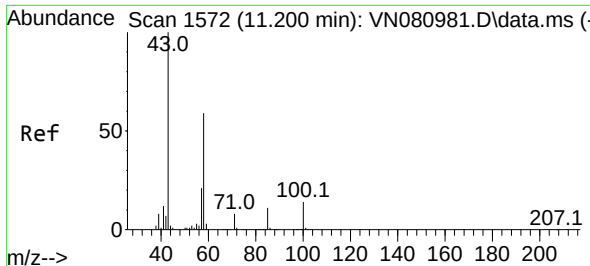
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#58
4-Methyl-2-Pentanone
Concen: 115.957 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

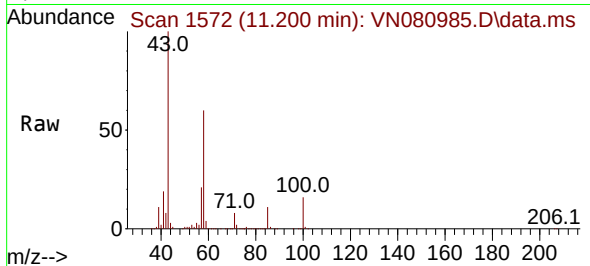
Tgt Ion: 43 Resp: 653861
Ion Ratio Lower Upper
43 100
58 41.9 36.5 54.7
85 21.3 19.5 29.3





#59
2-Hexanone
Concen: 117.758 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

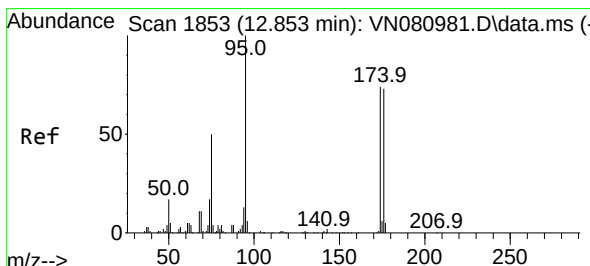
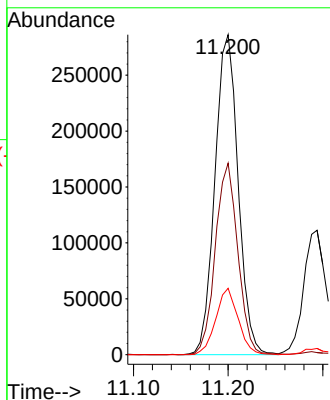
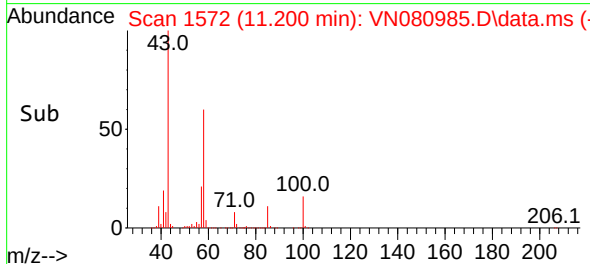
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



Tgt Ion: 43 Resp: 48838
Ion Ratio Lower Upper
43 100
58 58.0 50.4 75.6
57 20.1 18.6 27.8

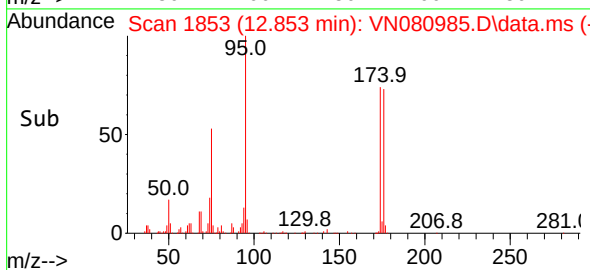
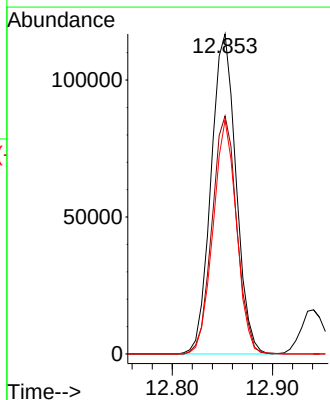
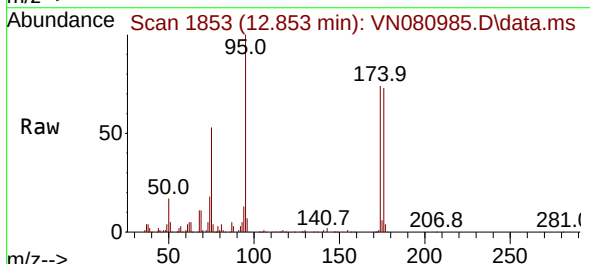
Manual Integrations
APPROVED

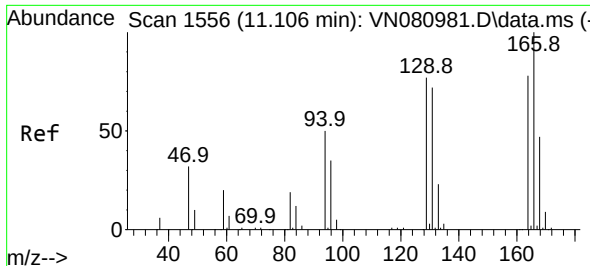
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#60
4-Bromofluorobenzene
Concen: 30.477 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

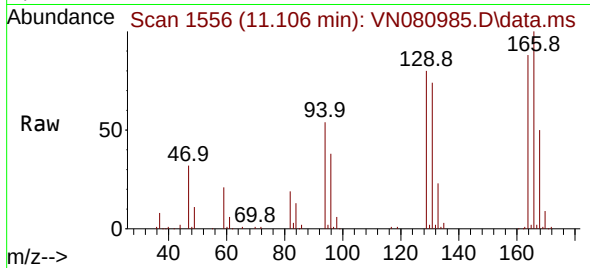
Tgt Ion: 95 Resp: 202367
Ion Ratio Lower Upper
95 100
174 73.4 60.5 90.7
176 68.4 57.8 86.6





#61
Tetrachloroethene
Concen: 22.981 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

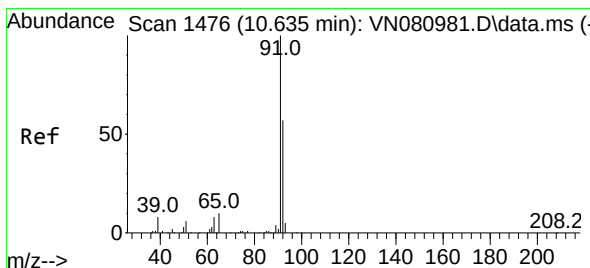
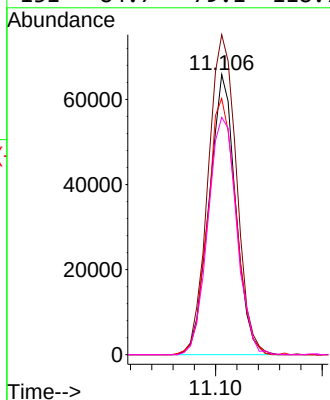
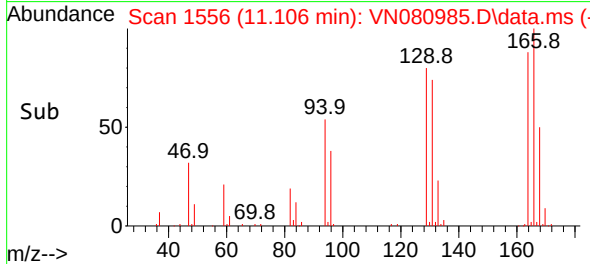
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



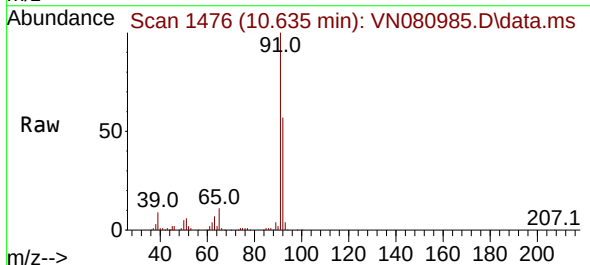
Tgt Ion:164 Resp: 11401
Ion Ratio Lower Upper
164 100
166 114.2 106.7 160.1
129 91.4 85.8 128.6
131 84.7 79.1 118.7

Manual Integrations
APPROVED

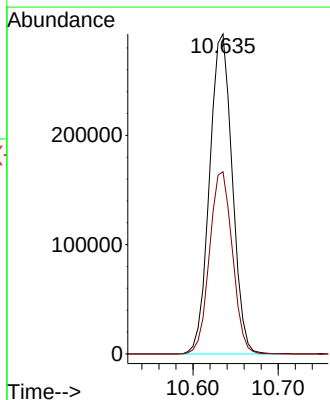
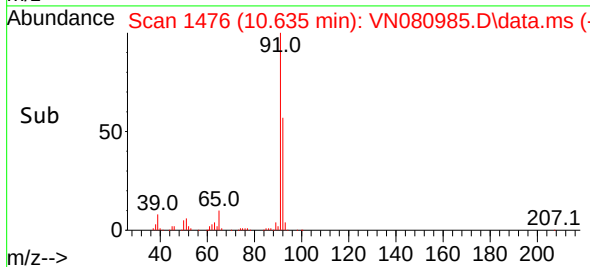
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

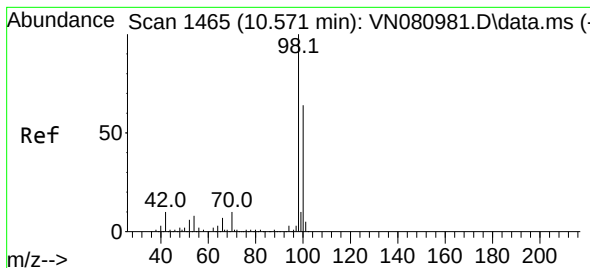


#62
Toluene
Concen: 22.818 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03



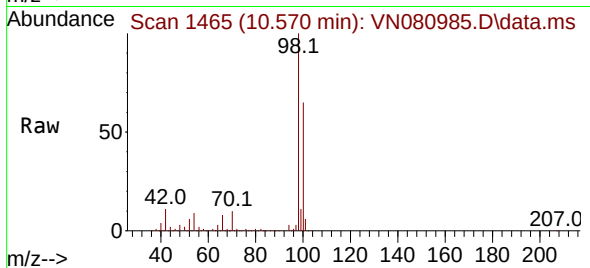
Tgt Ion: 91 Resp: 542888
Ion Ratio Lower Upper
91 100
92 57.5 46.5 69.7





#63
Toluene-d8
Concen: 30.093 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

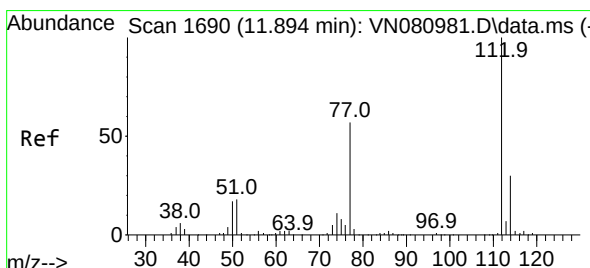
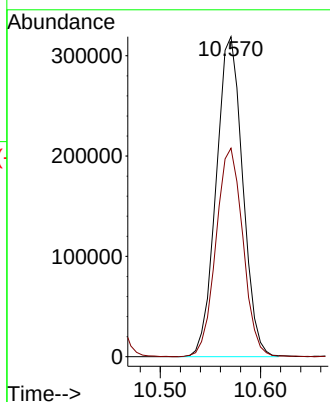
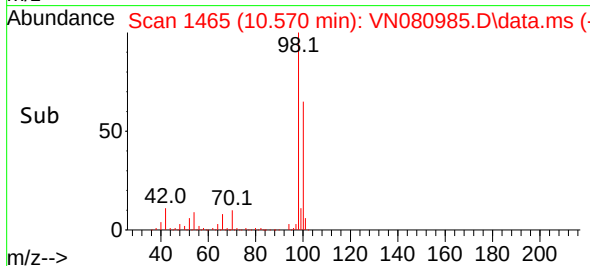
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



Tgt Ion: 98 Resp: 586550
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1

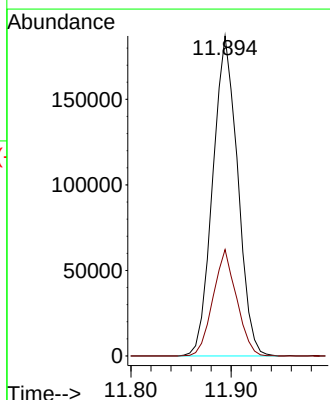
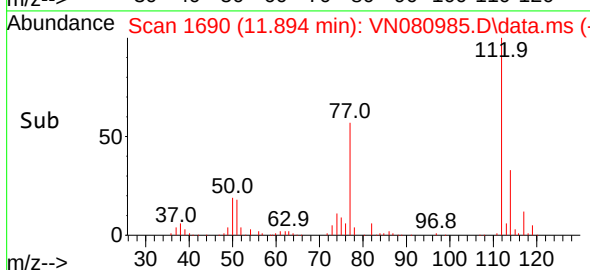
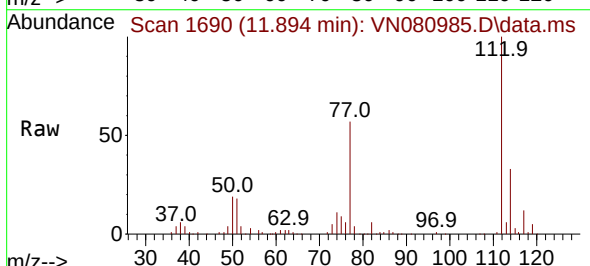
Manual Integrations
APPROVED

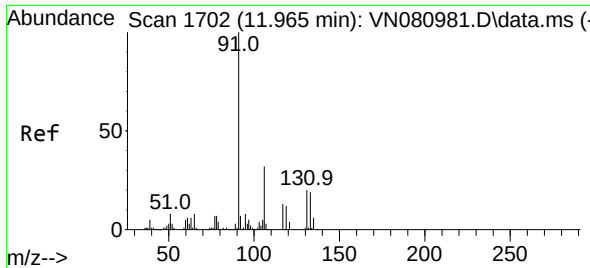
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#64
Chlorobenzene
Concen: 22.093 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

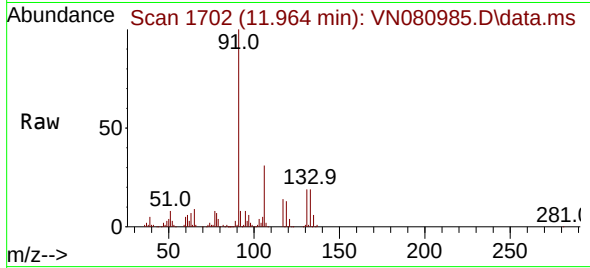
Tgt Ion:112 Resp: 321939
Ion Ratio Lower Upper
112 100
114 33.2 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 21.737 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

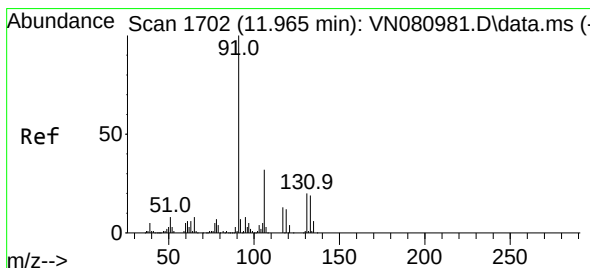
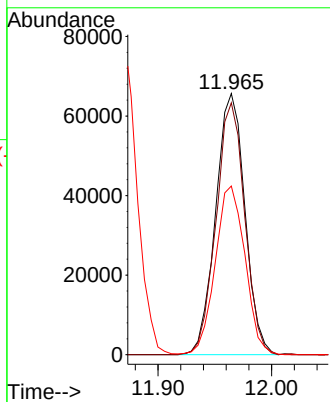
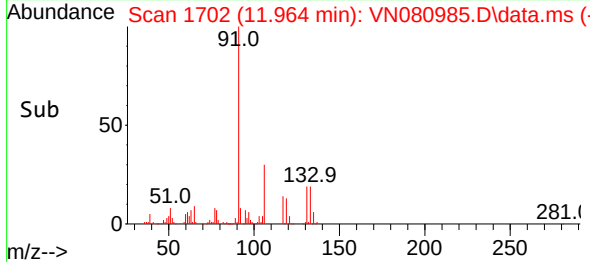
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



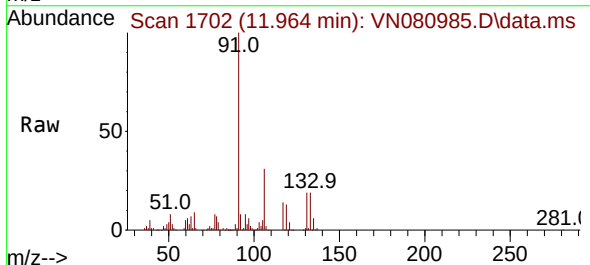
Tgt Ion:131 Resp: 117490
Ion Ratio Lower Upper
131 100
133 94.5 0.0 188.0
119 65.8 0.0 122.8

Manual Integrations
APPROVED

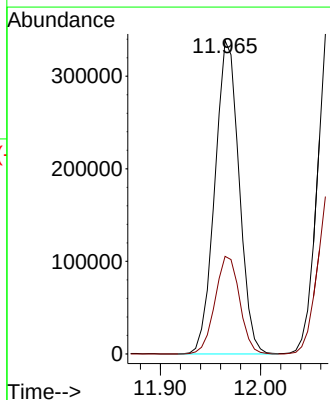
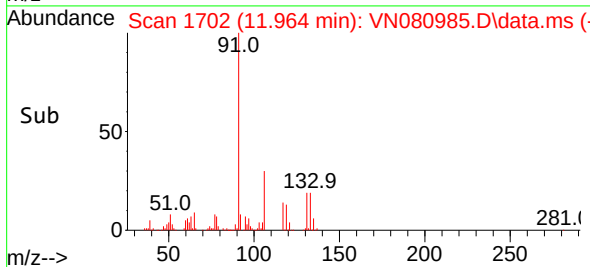
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

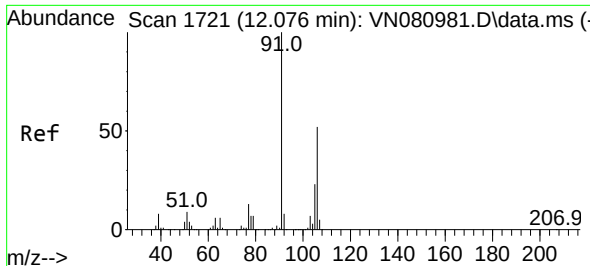


#66
Ethyl Benzene
Concen: 22.679 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03



Tgt Ion: 91 Resp: 567347
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6





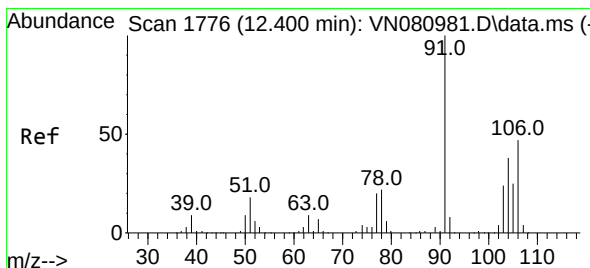
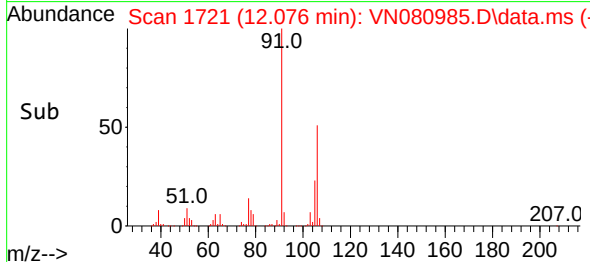
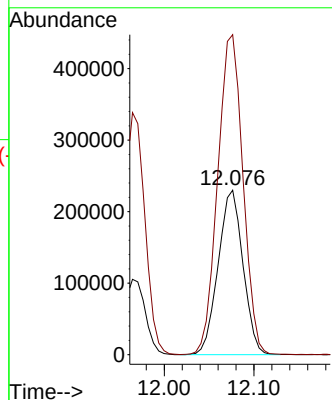
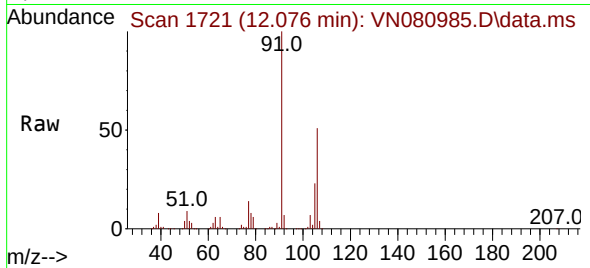
#67
m/p-Xylenes
Concen: 44.983 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01

Tgt Ion:106 Resp: 441920
Ion Ratio Lower Upper
106 100
91 198.1 166.6 249.8

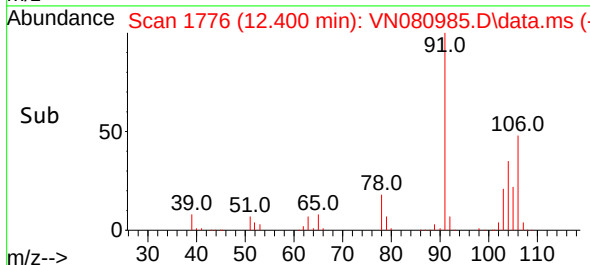
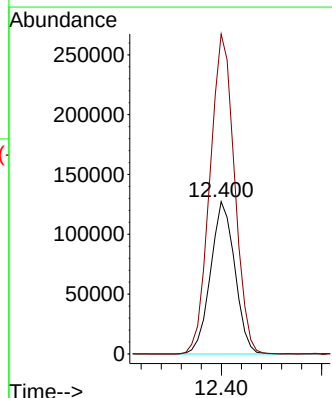
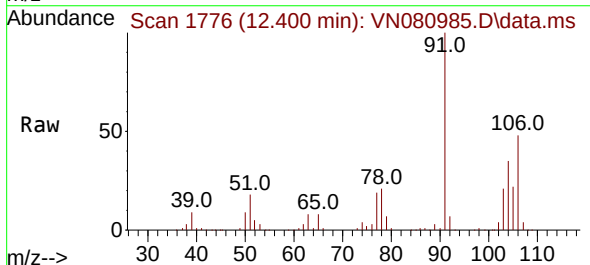
Manual Integrations
APPROVED

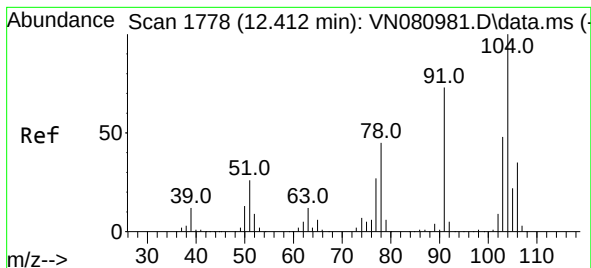
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#68
o-Xylene
Concen: 22.183 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Tgt Ion:106 Resp: 213564
Ion Ratio Lower Upper
106 100
91 213.5 110.0 330.0





#69

Styrene

Concen: 22.320 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN080985.D

Acq: 09 Feb 2024 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0209WBS01

Tgt Ion:104 Resp: 353770

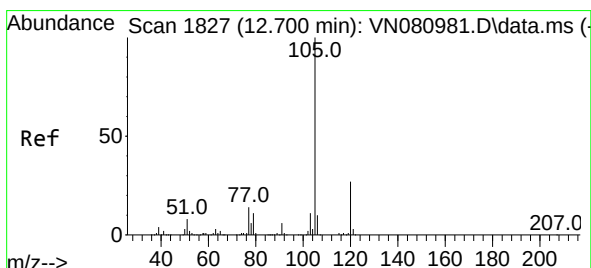
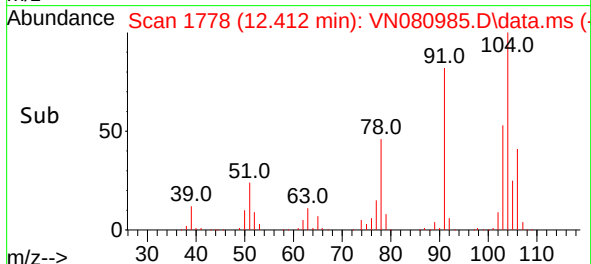
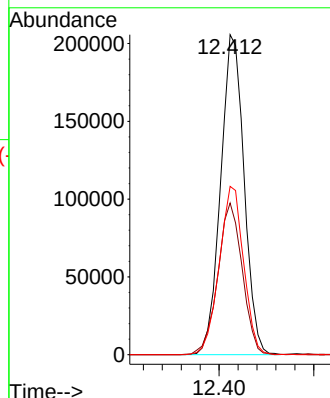
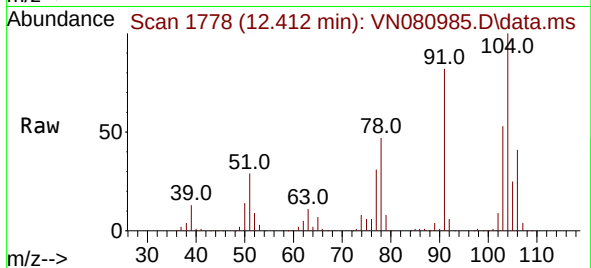
Ion	Ratio	Lower	Upper
104	100		
78	49.3	42.6	64.0
103	54.7	43.7	65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#70

Isopropylbenzene

Concen: 22.428 ug/l

RT: 12.700 min Scan# 1827

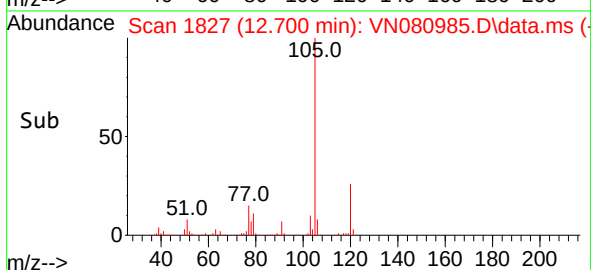
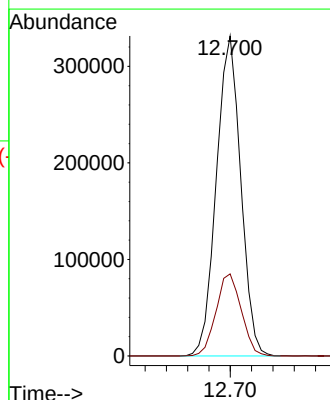
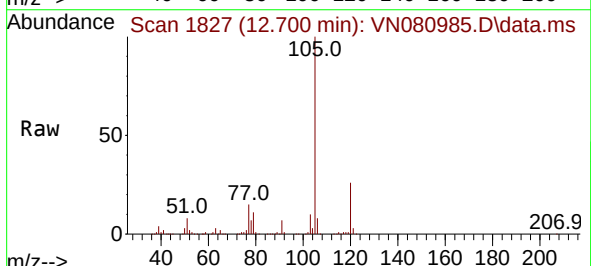
Delta R.T. -0.000 min

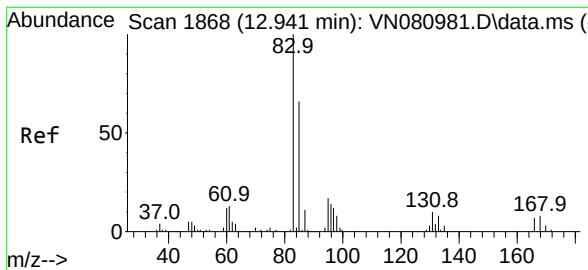
Lab File: VN080985.D

Acq: 09 Feb 2024 13:03

Tgt Ion:105 Resp: 526218

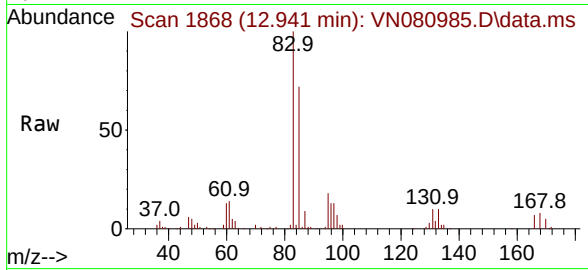
Ion	Ratio	Lower	Upper
105	100		
120	26.5	17.8	33.1





#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.081 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN080985.D
 Acq: 09 Feb 2024 13:03

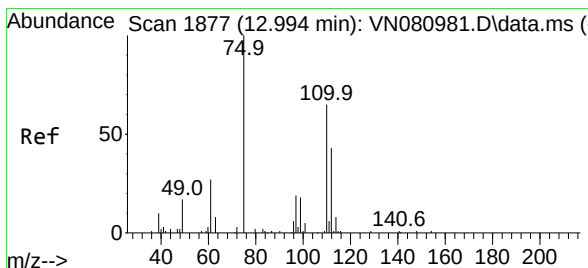
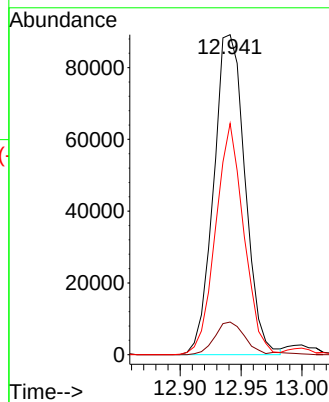
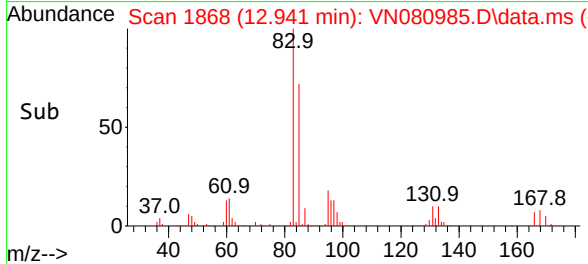
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0209WBS01



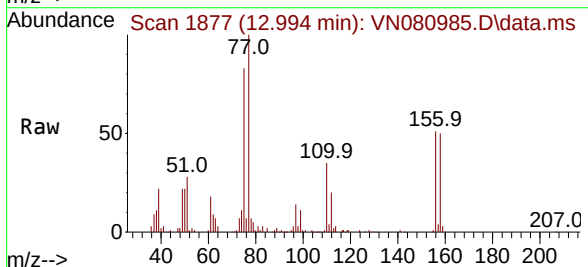
Tgt Ion: 83 Resp: 159750
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.2 15.6
 85 65.1 32.3 96.8

Manual Integrations
 APPROVED

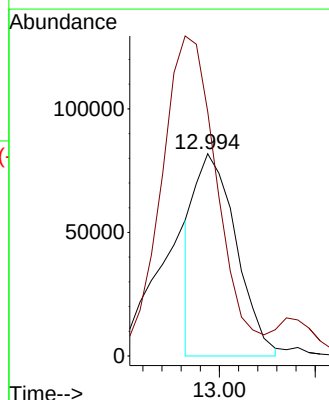
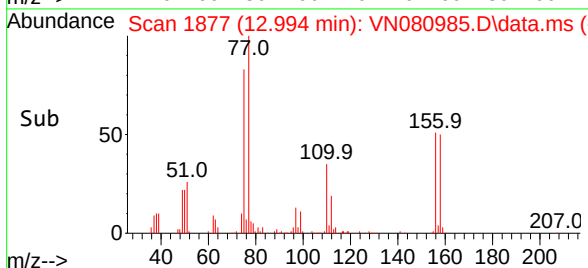
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024

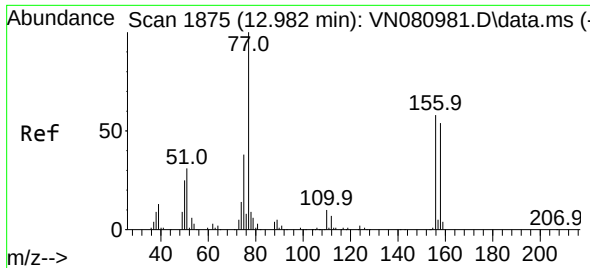


#72
 1,2,3-Trichloropropane
 Concen: 21.789 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN080985.D
 Acq: 09 Feb 2024 13:03



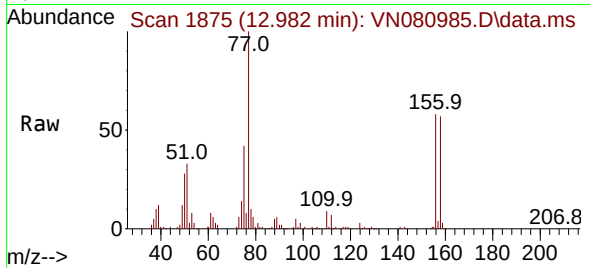
Tgt Ion: 75 Resp: 123404
 Ion Ratio Lower Upper
 75 100
 77 213.2 0.0 367.6





#73
Bromobenzene
Concen: 22.125 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

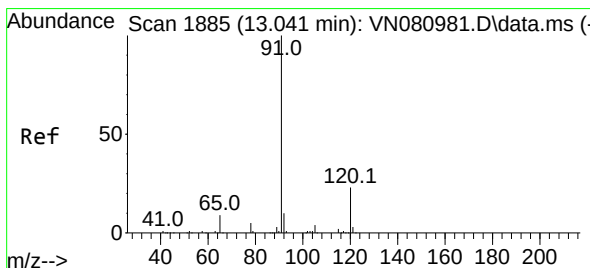
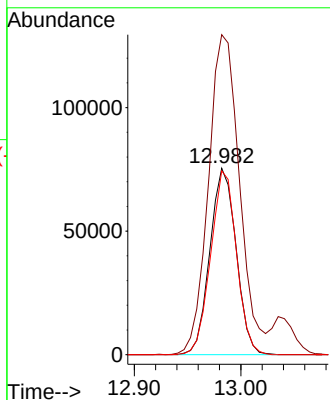
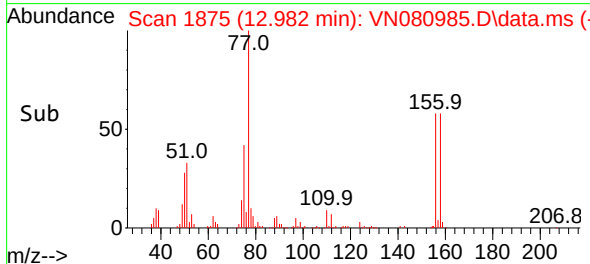
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



Tgt Ion:156 Resp: 12909
Ion Ratio Lower Upper
156 100
77 203.8 0.0 437.6
158 97.0 0.0 203.8

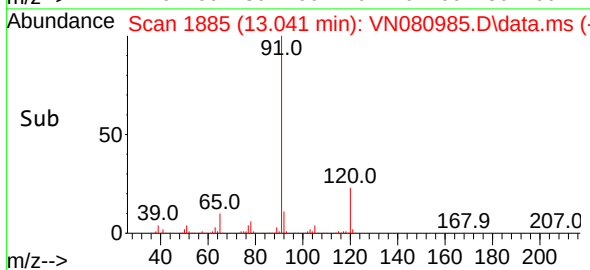
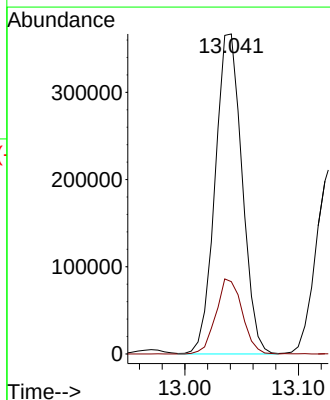
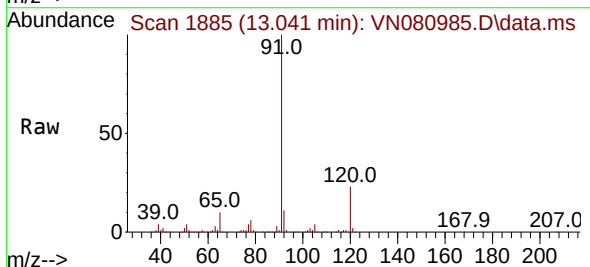
Manual Integrations
APPROVED

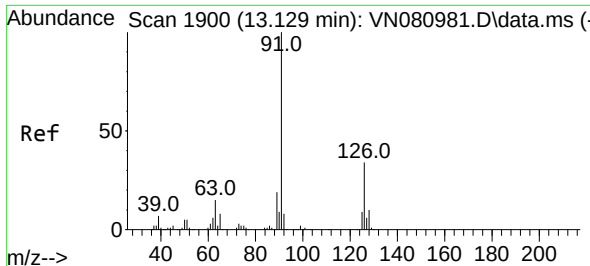
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#74
n-propylbenzene
Concen: 22.735 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Tgt Ion: 91 Resp: 606220
Ion Ratio Lower Upper
91 100
120 22.8 0.0 43.8





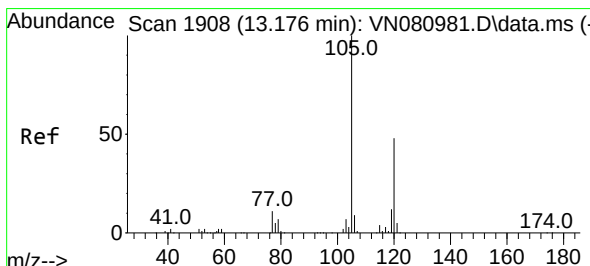
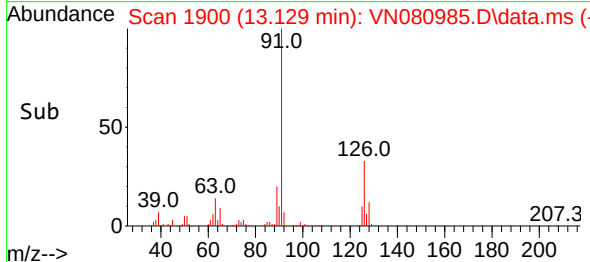
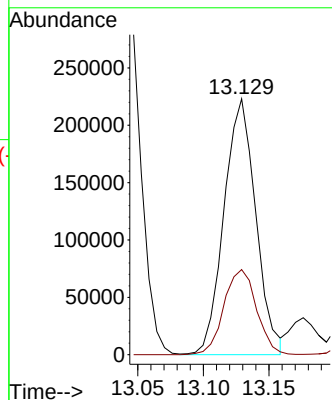
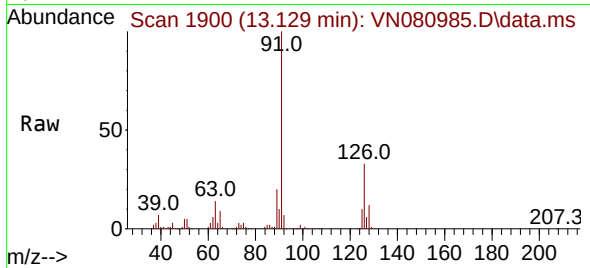
#75
2-Chlorotoluene
Concen: 22.751 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01

Tgt Ion: 91 Resp: 376599
Ion Ratio Lower Upper
91 100
126 34.1 0.0 61.2

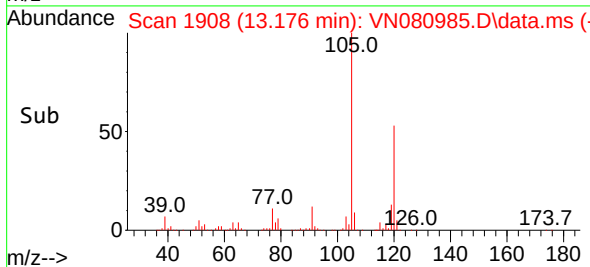
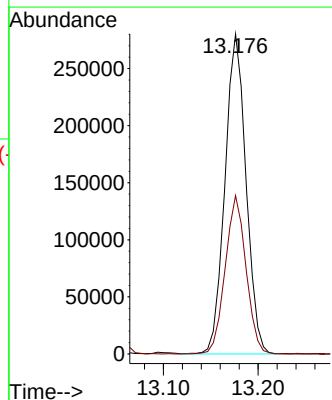
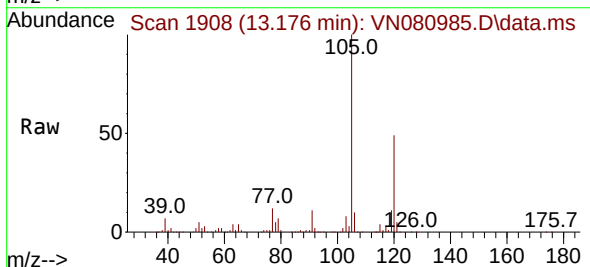
Manual Integrations
APPROVED

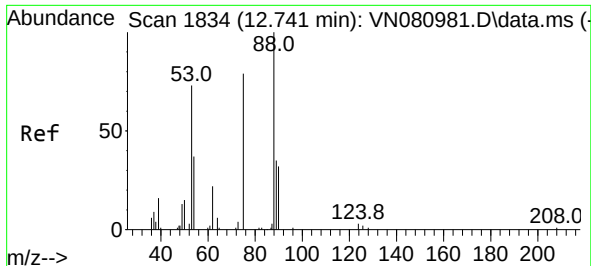
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 22.564 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Tgt Ion:105 Resp: 433178
Ion Ratio Lower Upper
105 100
120 48.8 0.0 95.8





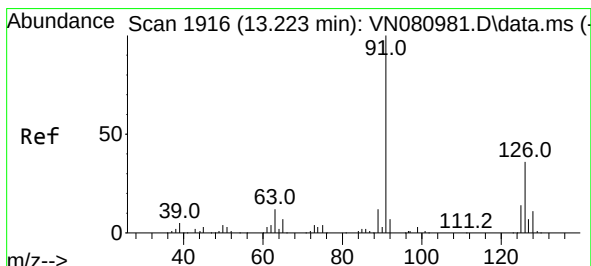
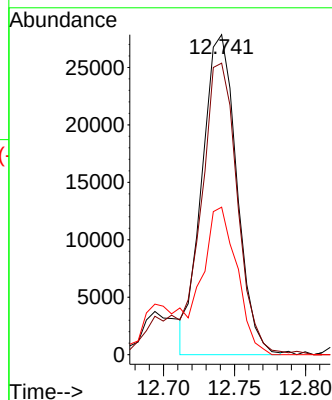
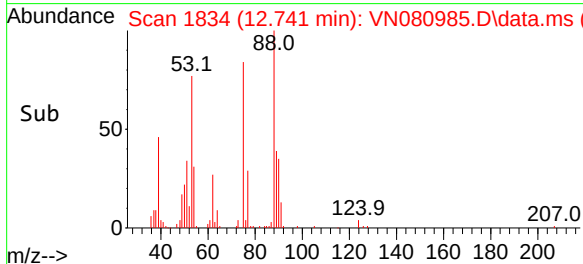
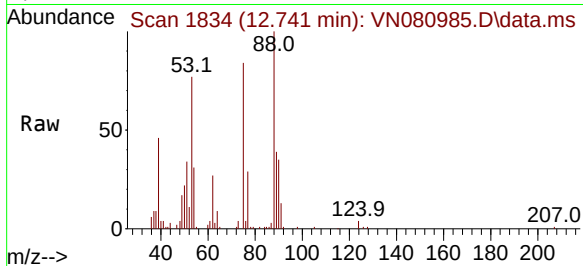
#77
t-1,4-Dichloro-2-butene
Concen: 22.137 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Instrument : MSVOA_N
ClientSampleId : VN0209WBS01

Tgt Ion: 75 Resp: 4744
Ion Ratio Lower Upper
75 100
53 90.6 45.9 137.7
89 46.4 25.9 77.7

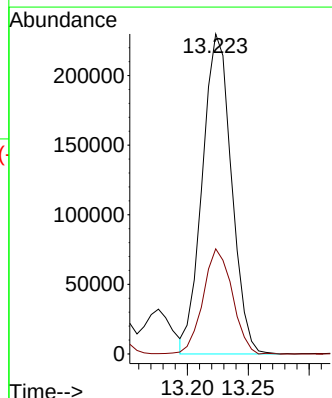
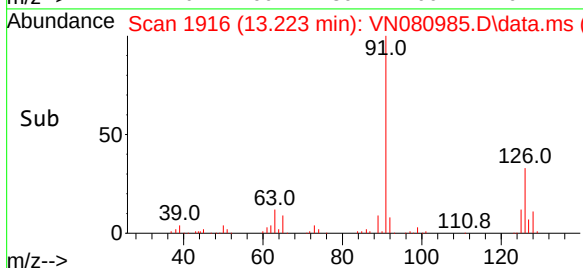
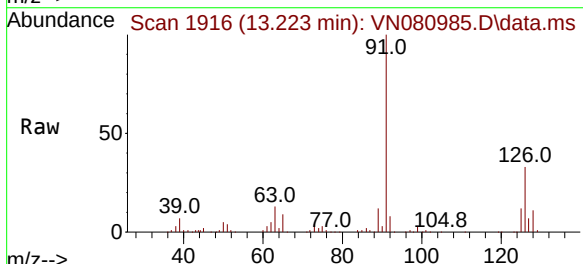
Manual Integrations
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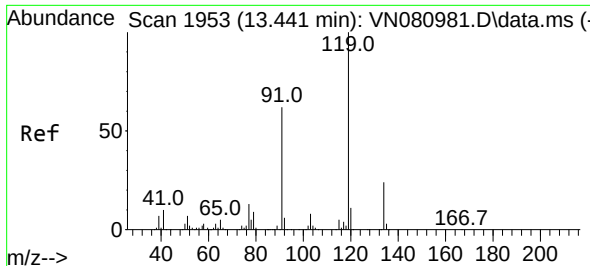
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#78
4-Chlorotoluene
Concen: 23.088 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Tgt Ion: 91 Resp: 382789
Ion Ratio Lower Upper
91 100
126 32.9 0.0 62.8





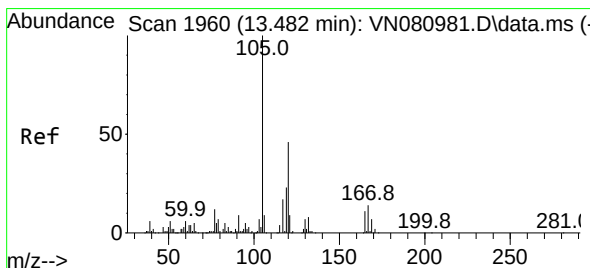
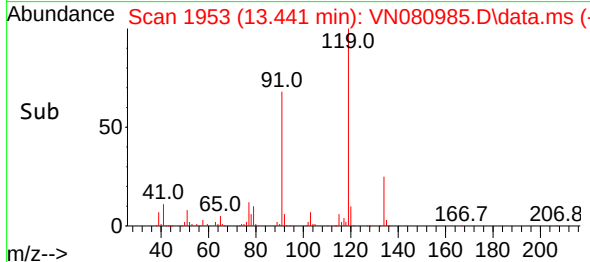
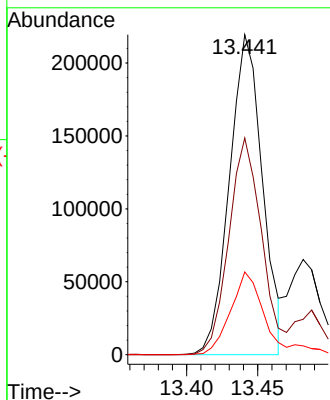
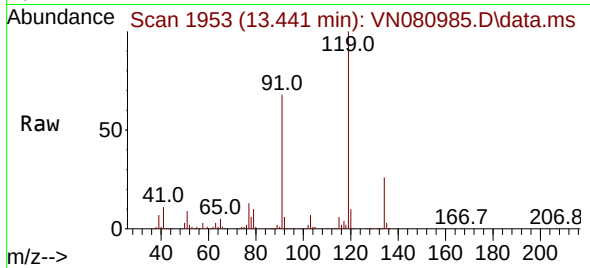
#79
tert-butylbenzene
Concen: 22.271 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01

Tgt Ion:119 Resp: 354910
Ion Ratio Lower Upper
119 100
91 67.6 0.0 138.8
134 25.1 0.0 48.6

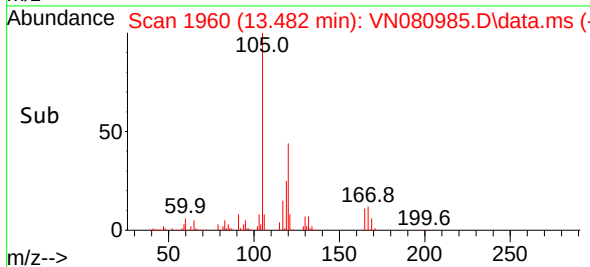
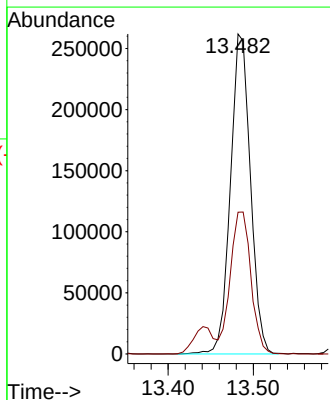
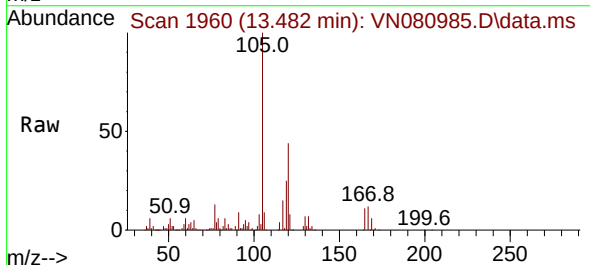
Manual Integrations
APPROVED

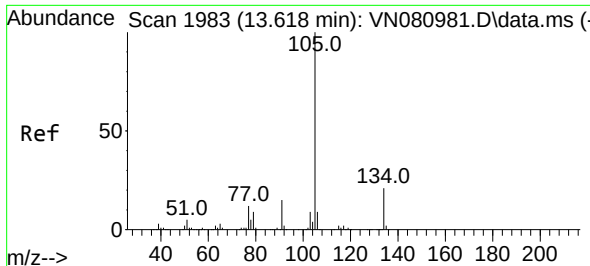
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#80
1,2,4-Trimethylbenzene
Concen: 22.291 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Tgt Ion:105 Resp: 426373
Ion Ratio Lower Upper
105 100
120 45.7 0.0 86.8





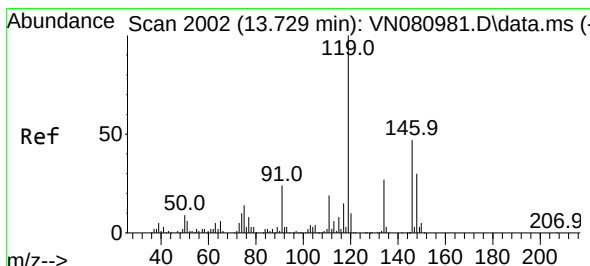
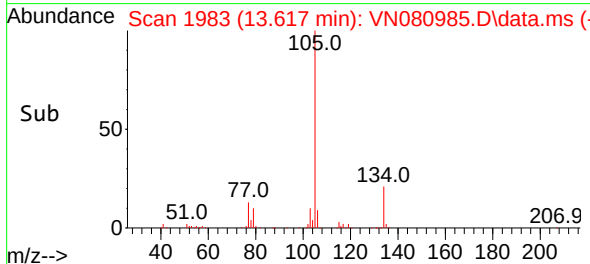
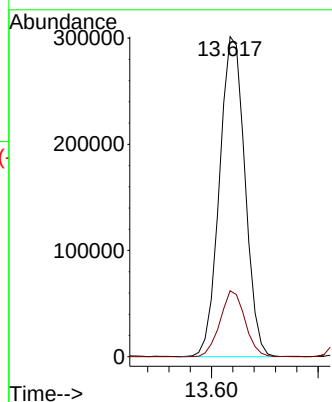
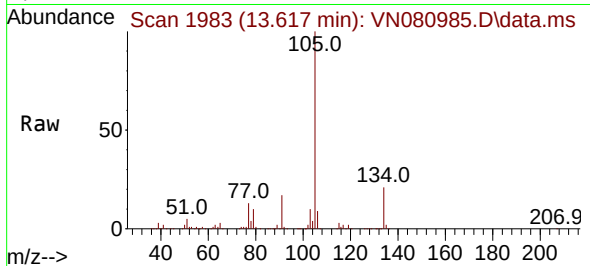
#81
 sec-Butylbenzene
 Concen: 22.410 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080985.D
 Acq: 09 Feb 2024 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0209WBS01

Tgt Ion:105 Resp: 50012
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 39.0

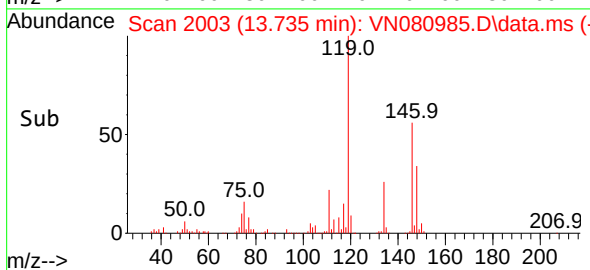
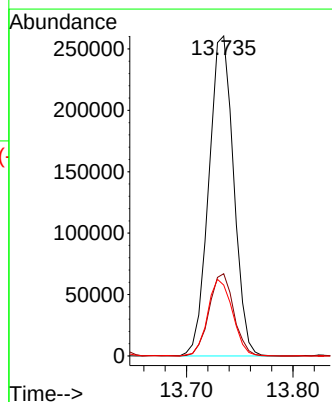
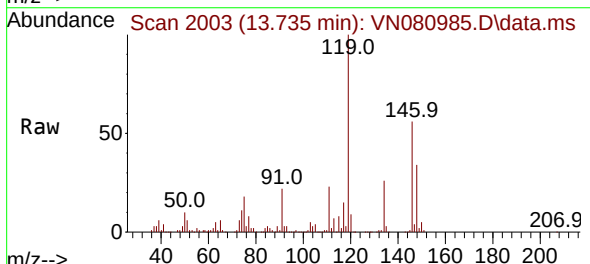
Manual Integrations
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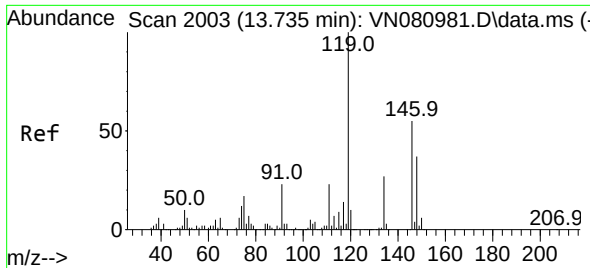
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#82
 p-Isopropyltoluene
 Concen: 22.530 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080985.D
 Acq: 09 Feb 2024 13:03

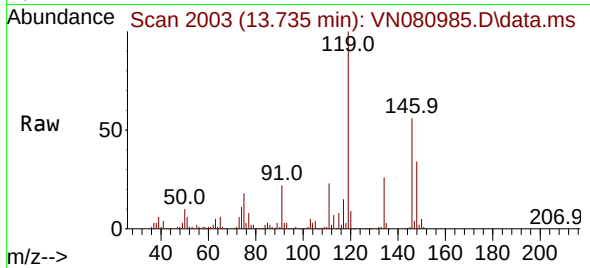
Tgt Ion:119 Resp: 422107
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 49.2
 91 24.1 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 22.586 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

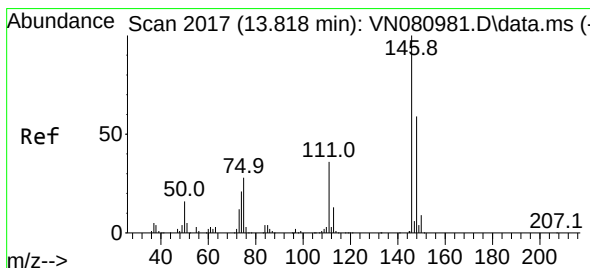
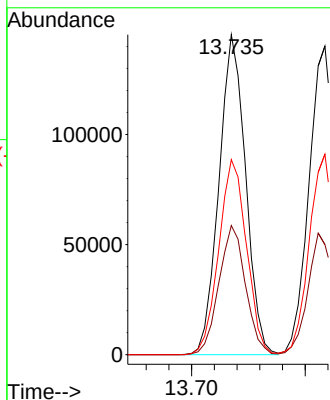
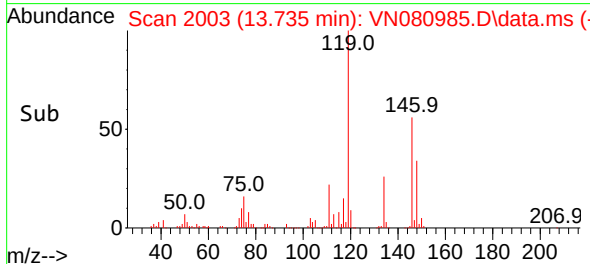
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



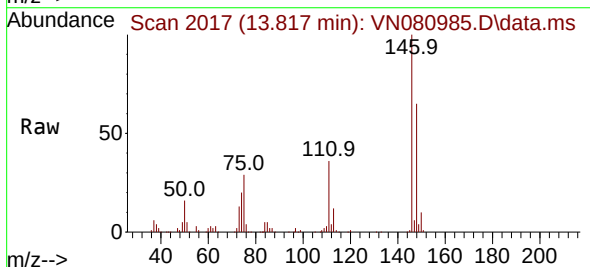
Tgt Ion:146 Resp: 237020
Ion Ratio Lower Upper
146 100
111 40.4 22.4 67.0
148 63.4 32.1 96.5

Manual Integrations
APPROVED

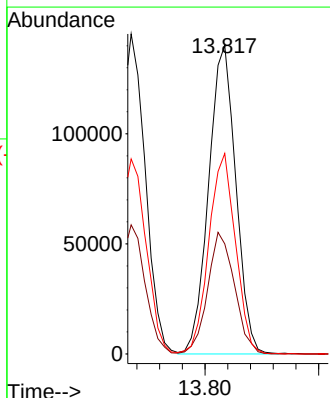
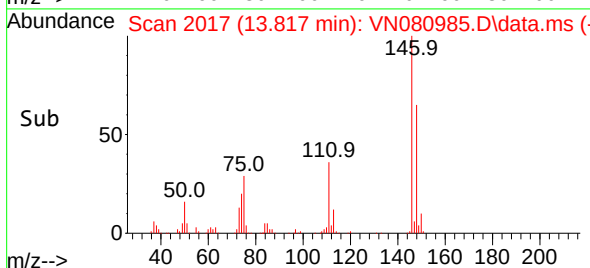
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

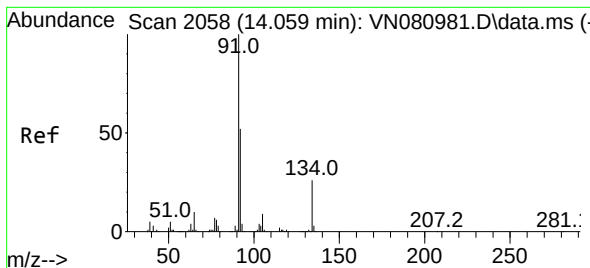


#84
1,4-Dichlorobenzene
Concen: 22.172 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03



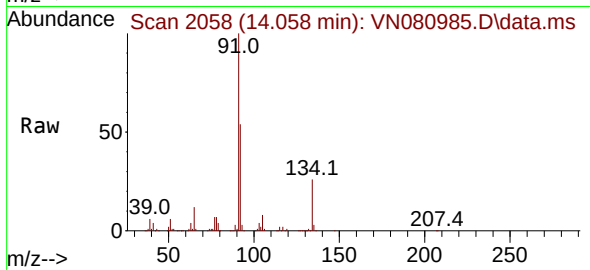
Tgt Ion:146 Resp: 233554
Ion Ratio Lower Upper
146 100
111 38.9 21.3 63.9
148 63.6 31.9 95.5





#85
n-Butylbenzene
Concen: 22.076 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

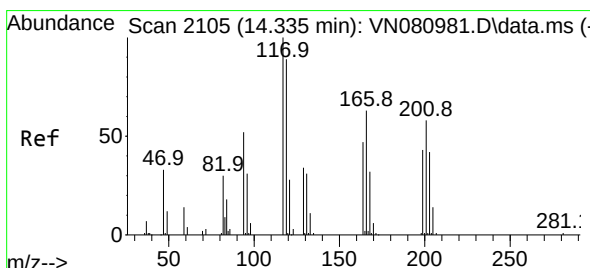
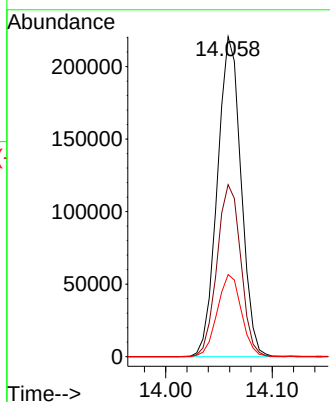
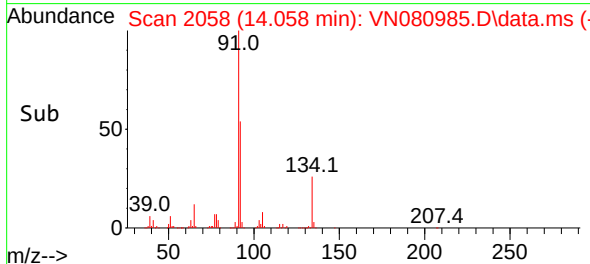
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



Tgt Ion: 91 Resp: 341260
Ion Ratio Lower Upper
91 100
92 53.9 0.0 105.0
134 26.1 0.0 51.8

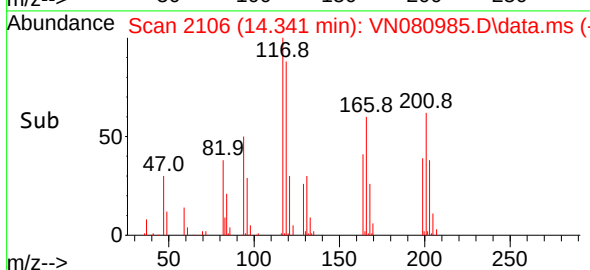
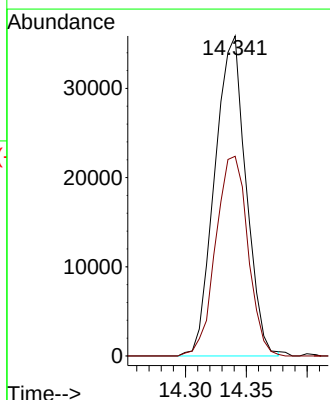
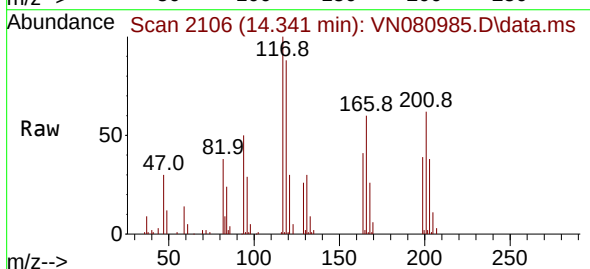
Manual Integrations
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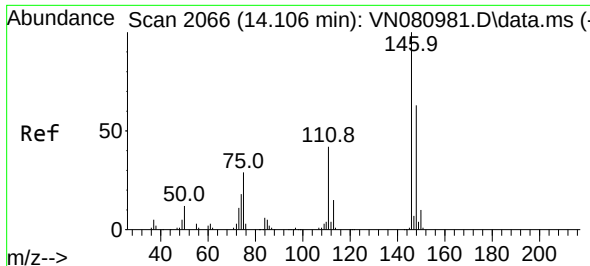
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#86
Hexachloroethane
Concen: 21.654 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

Tgt Ion:117 Resp: 63992
Ion Ratio Lower Upper
117 100
201 64.3 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 22.329 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080985.D

Acq: 09 Feb 2024 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0209WBS01

Tgt Ion:146 Resp: 228130

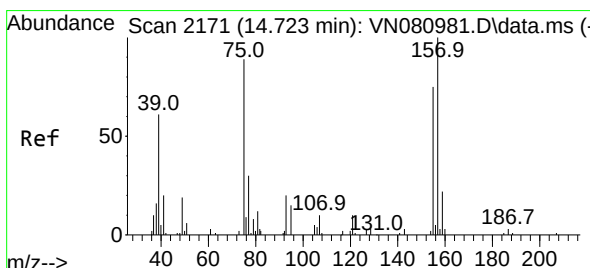
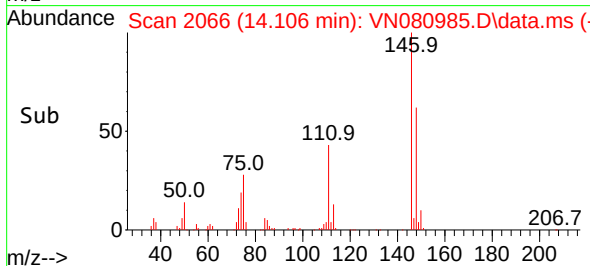
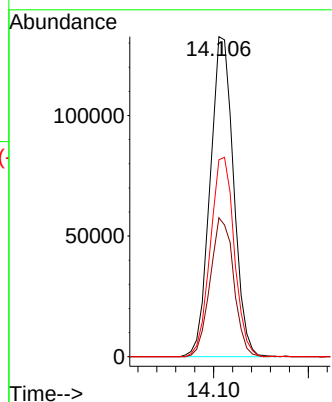
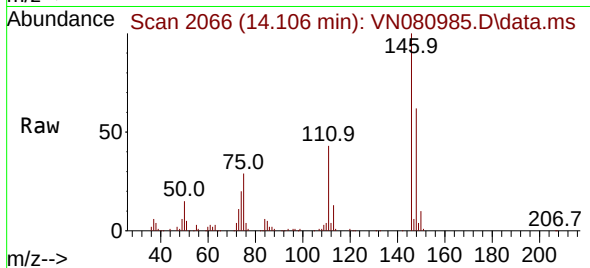
Ion	Ratio	Lower	Upper
146	100		
111	43.5	22.6	67.8
148	63.7	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 22.698 ug/l

RT: 14.723 min Scan# 2171

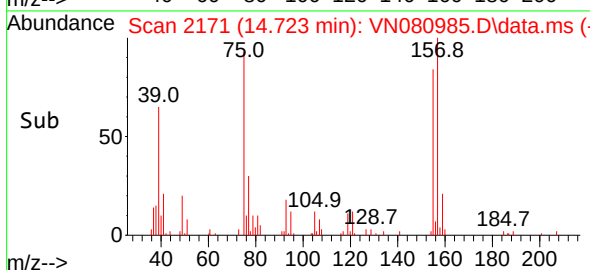
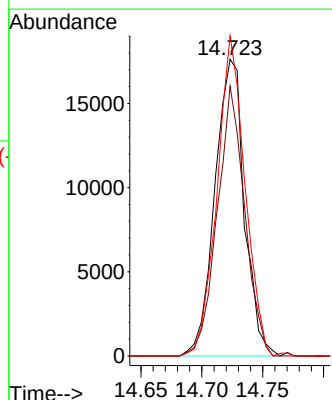
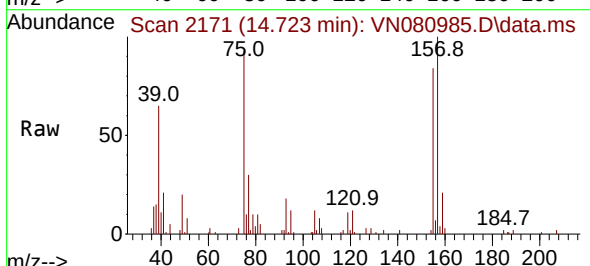
Delta R.T. -0.000 min

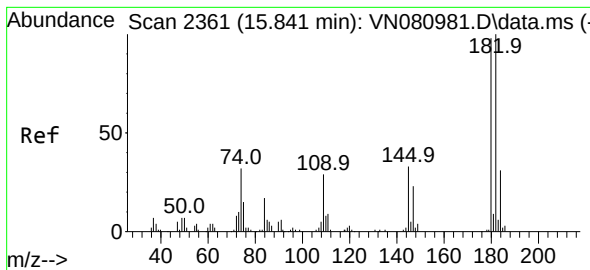
Lab File: VN080985.D

Acq: 09 Feb 2024 13:03

Tgt Ion: 75 Resp: 29640

Ion	Ratio	Lower	Upper
75	100		
155	84.8	61.7	92.5
157	102.1	83.6	125.4





#89

1,2,4-Trichlorobenzene

Concen: 21.598 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080985.D

Acq: 09 Feb 2024 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0209WBS01

Tgt Ion:180 Resp: 10795

Ion Ratio Lower Upper

180 100

182 94.2 76.4 114.6

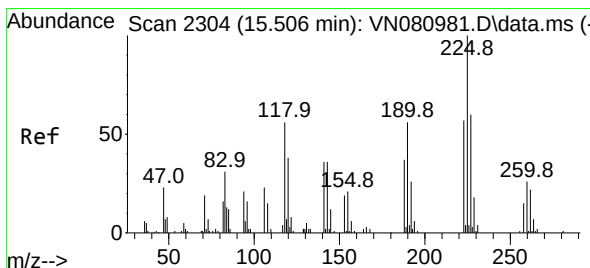
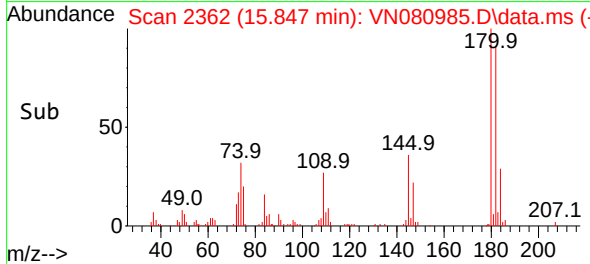
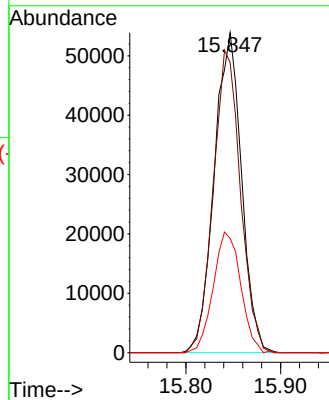
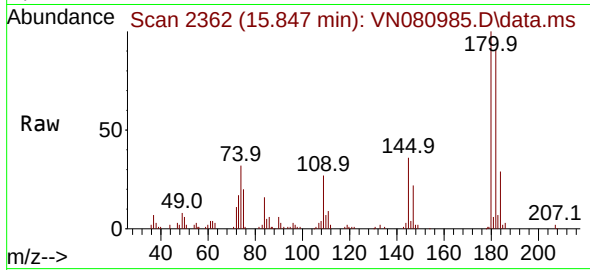
145 37.8 28.4 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#90

Hexachlorobutadiene

Concen: 21.051 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN080985.D

Acq: 09 Feb 2024 13:03

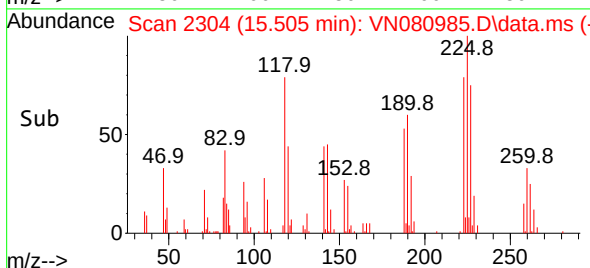
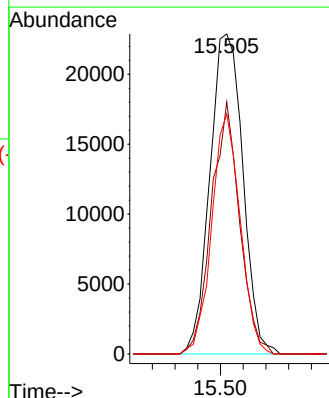
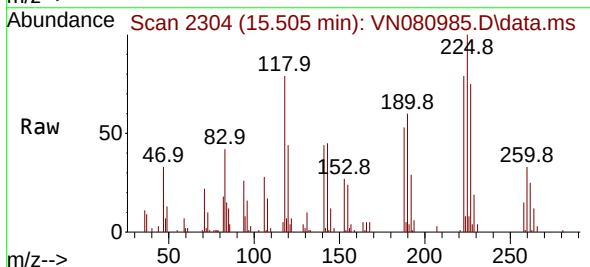
Tgt Ion:225 Resp: 46162

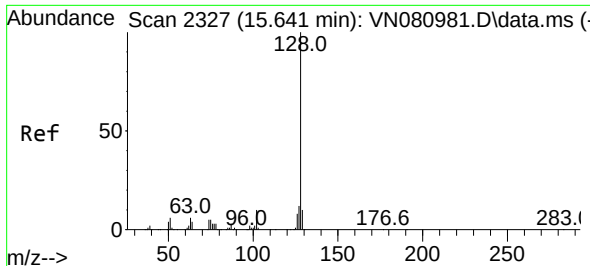
Ion Ratio Lower Upper

225 100

223 67.2 0.0 126.6

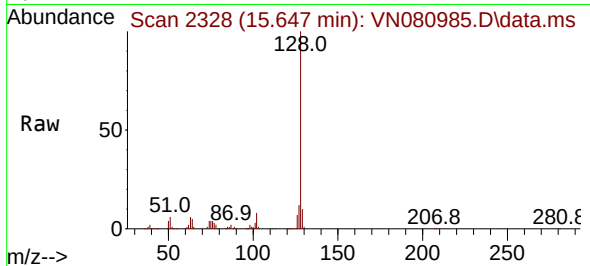
227 64.7 0.0 126.6





#91
Naphthalene
Concen: 21.973 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03

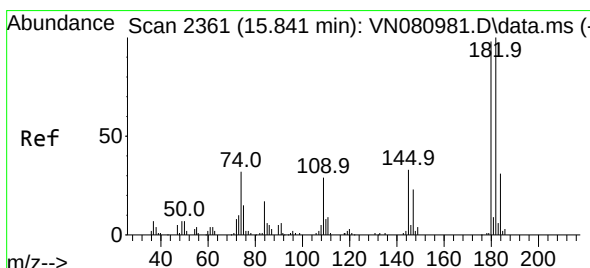
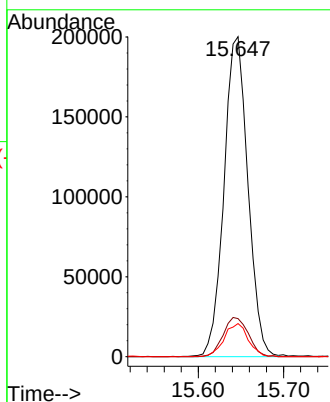
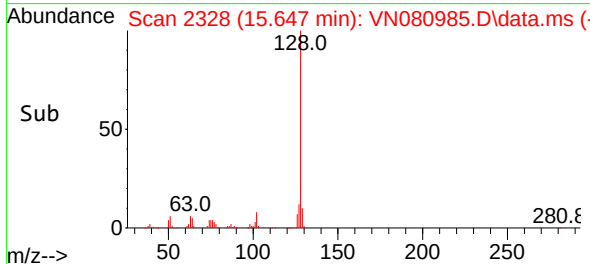
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBS01



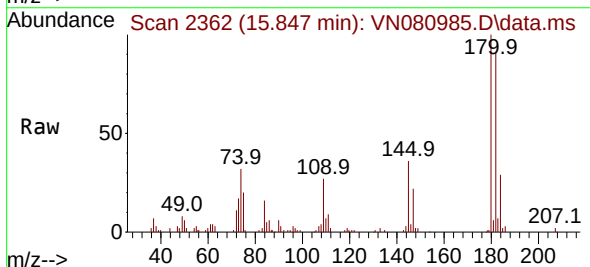
Tgt Ion:128 Resp: 389968
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#92
1,2,3-Trichlorobenzene
Concen: 21.598 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080985.D
Acq: 09 Feb 2024 13:03



Tgt Ion:180 Resp: 107955
Ion Ratio Lower Upper
180 100
182 94.2 0.0 191.0
145 37.8 0.0 71.0

