

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080979.D
 Acq On : 09 Feb 2024 10:00
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 10 01:36:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:30:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.818	128	89303	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	537062	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	501741	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	203981	30.398	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.333%			
60) 4-Bromofluorobenzene	12.853	95	227860	29.706	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.033%			
63) Toluene-d8	10.571	98	658835	29.260	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.533%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	641733	105.685	ug/l	98
3) Chloromethane	2.359	50	578285	94.768	ug/l	98
4) Vinyl Chloride	2.512	62	712534	97.938	ug/l	99
5) Bromomethane	2.936	94	449531	91.990	ug/l	96
6) Chloroethane	3.106	64	458290	96.633	ug/l	98
7) Trichlorofluoromethane	3.495	101	950830	99.247	ug/l	100
8) Diethyl Ether	3.959	74	336707	99.994	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	515031	99.103	ug/l	96
10) 1,1-Dichloroethene	4.336	96	519066	101.855	ug/l	96
11) Methyl Iodide	4.589	142	577951	105.892	ug/l	92
12) Methyl Acetate	5.018	43	442263	96.129	ug/l	88
13) Acrolein	4.177	56	490025	486.575	ug/l	100
14) Acrylonitrile	5.718	53	1146643	499.507	ug/l	98
15) Acetone	4.424	58	253480	480.496	ug/l	91
16) Carbon Disulfide	4.712	76	1369664	97.931	ug/l	96
17) Allyl chloride	5.018	41	639449	99.909	ug/l	93
18) Methylene Chloride	5.277	84	561950	96.421	ug/l	97
19) trans-1,2-Dichloroethene	5.783	96	573500	99.130	ug/l	89
20) Diisopropyl ether	6.671	45	1546098	100.506	ug/l	94
21) 1,1-Dichloroethane	6.565	63	975020	98.902	ug/l	99
22) cis-1,2-Dichloroethene	7.488	96	675176	100.440	ug/l	93
23) tert-Butyl Alcohol	5.524	59	407563	487.873	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	1713038	101.396	ug/l	97
25) Chloroform	7.965	83	1094333	100.057	ug/l	99
26) Cyclohexane	8.259	56	736887	99.266	ug/l	87
29) 1,1-Dichloropropene	8.371	75	775986	97.000	ug/l	97
30) 2-Butanone	7.482	43	1431365	487.666	ug/l	98
31) 2,2-Dichloropropane	7.488	77	917485	100.730	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	987410	98.117	ug/l	98
33) Carbon Tetrachloride	8.365	117	861045	101.549	ug/l	98
34) Benzene	8.606	78	2340225	95.728	ug/l	99
35) Methacrylonitrile	7.777	41	341755	99.062	ug/l	88
36) 1,2-Dichloroethane	8.671	62	777832	94.806	ug/l	99
37) Trichloroethene	9.353	130	631410	97.145	ug/l	97
38) Methylcyclohexane	9.600	83	803533	100.647	ug/l	93
39) 1,2-Dichloropropane	9.624	63	557080	96.071	ug/l	96
40) Dibromomethane	9.712	93	430195	97.514	ug/l	97
41) Bromodichloromethane	9.888	83	856262	99.172	ug/l	98
42) Vinyl Acetate	6.600	43	6230073	494.011	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	603544	96.549	ug/l	95
44) Isopropyl Acetate	8.688	43	1078716	98.203	ug/l	96
45) 1,4-Dioxane	9.694	88	199595	1926.861	ug/l	94
46) Methyl methacrylate	9.682	41	499142	99.310	ug/l	92
47) n-amyl Acetate	12.494	43	987386	103.071	ug/l	92
48) t-1,3-Dichloropropene	10.835	75	917295	101.370	ug/l	95
49) cis-1,3-Dichloropropene	10.318	75	990162	100.983	ug/l	97
50) 1,1,2-Trichloroethane	11.018	97	588311	96.377	ug/l	96
51) Ethyl methacrylate	10.876	69	867823	101.720	ug/l	92
52) 1,3-Dichloropropane	11.165	76	973994	96.624	ug/l	100
53) Dibromochloromethane	11.359	129	672801	101.123	ug/l	99
54) 1,2-Dibromoethane	11.470	107	624115	98.827	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	2219807	507.726	ug/l	98
56) Bromoform	12.582	173	451088	106.455	ug/l #	98
58) 4-Methyl-2-Pentanone	10.447	43	3155728	484.454	ug/l	96
59) 2-Hexanone	11.200	43	2394090	499.702	ug/l	95
61) Tetrachloroethene	11.106	164	540872	94.371	ug/l	95
62) Toluene	10.629	91	2613211	95.080	ug/l	99
64) Chlorobenzene	11.894	112	1621507	96.327	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	619236	99.171	ug/l	98
66) Ethyl Benzene	11.965	91	2854491	98.776	ug/l	97
67) m/p-Xylenes	12.070	106	2237510	197.159	ug/l	93
68) o-Xylene	12.400	106	1096638	98.603	ug/l	94
69) Styrene	12.412	104	1855414	101.335	ug/l	96
70) Isopropylbenzene	12.700	105	2696356	99.481	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	789930	94.515	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	604312m	94.639	ug/l	
73) Bromobenzene	12.982	156	666457	98.878	ug/l	91
74) n-propylbenzene	13.035	91	3087046	100.217	ug/l	97
75) 2-Chlorotoluene	13.129	91	1873928	97.997	ug/l	93
76) 1,3,5-Trimethylbenzene	13.176	105	2221571	100.174	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	274509	111.853	ug/l	91
78) 4-Chlorotoluene	13.223	91	1879292	98.122	ug/l	93
79) tert-butylbenzene	13.441	119	1850783	100.534	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	2229003	100.877	ug/l	97
81) sec-Butylbenzene	13.617	105	2577478	99.979	ug/l	98
82) p-Isopropyltoluene	13.729	119	2208094	102.023	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	1208281	99.670	ug/l	97
84) 1,4-Dichlorobenzene	13.817	146	1204130	98.955	ug/l	97
85) n-Butylbenzene	14.059	91	1857402	104.012	ug/l	99
86) Hexachloroethane	14.335	117	354208	103.756	ug/l	90
87) 1,2-Dichlorobenzene	14.106	146	1157489	98.070	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	150249	99.599	ug/l	89
89) 1,2,4-Trichlorobenzene	15.847	180	588696	101.956	ug/l	99
90) Hexachlorobutadiene	15.506	225	246089	97.143	ug/l	99
91) Naphthalene	15.641	128	2169282	105.808	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	588696	101.956	ug/l	99

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

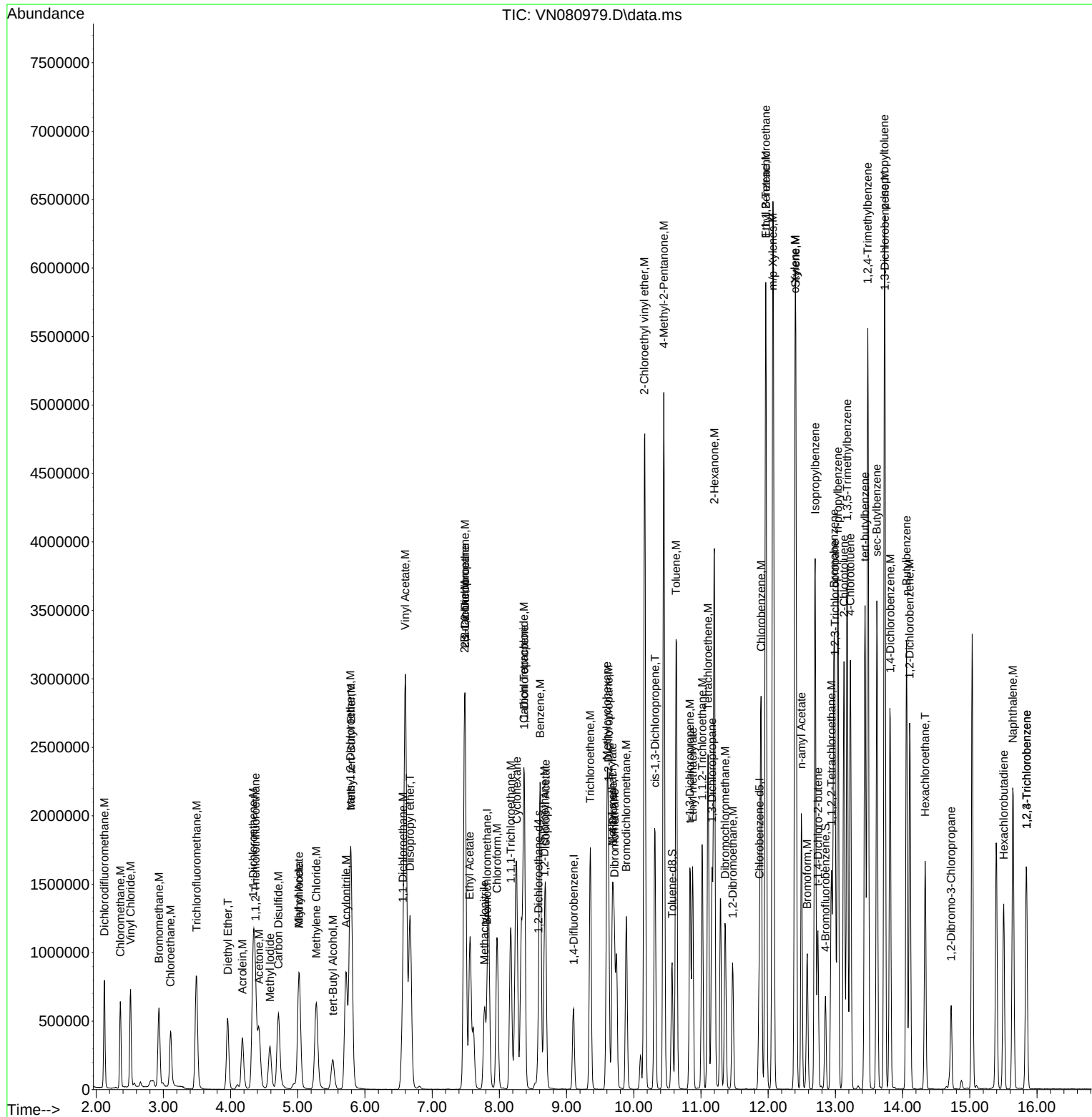
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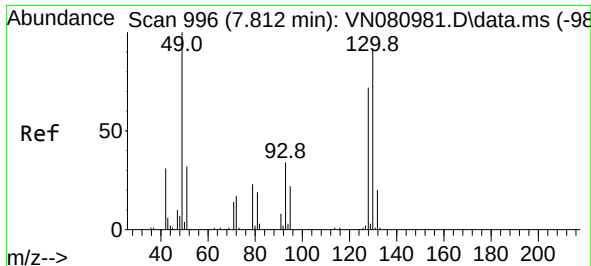
Instrument :
MSVOA_N
ClientSampleId :
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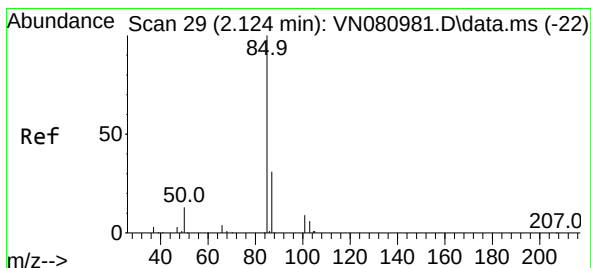
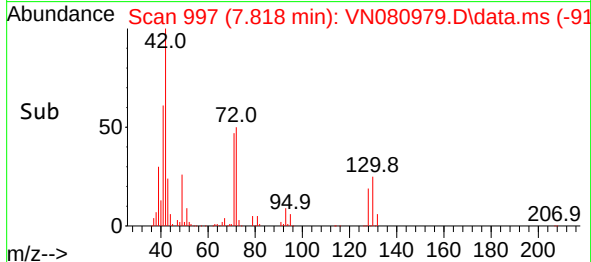
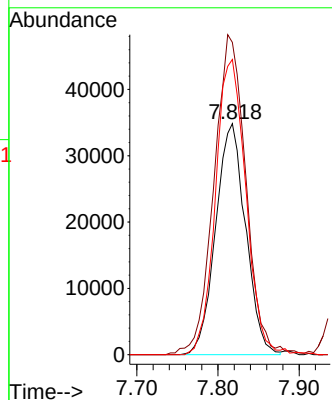
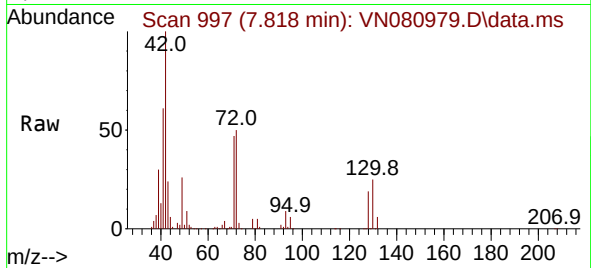
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 8930
Ion Ratio Lower Upper
128 100
49 146.2 0.0 403.7
130 129.0 0.0 323.3

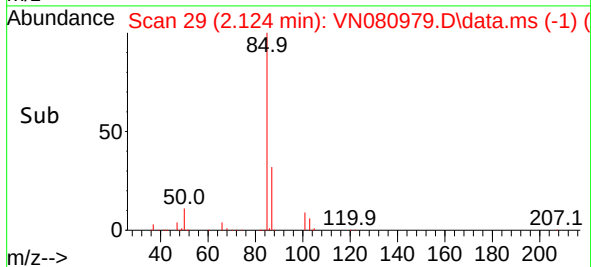
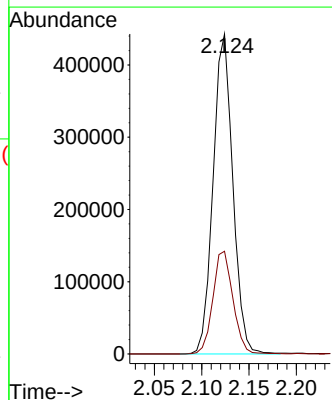
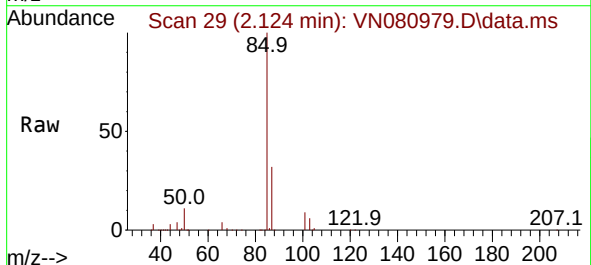
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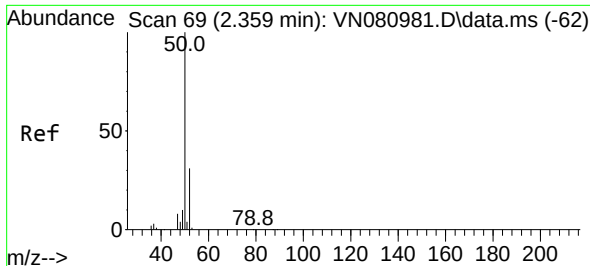
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#2
Dichlorodifluoromethane
Concen: 105.685 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Tgt Ion: 85 Resp: 641733
Ion Ratio Lower Upper
85 100
87 32.1 16.8 50.3





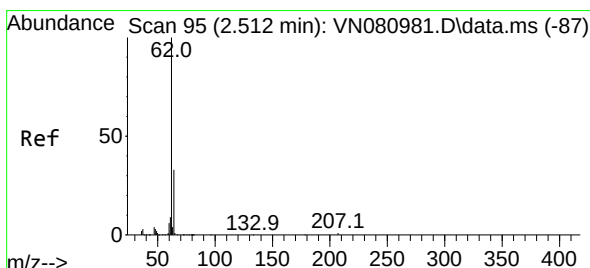
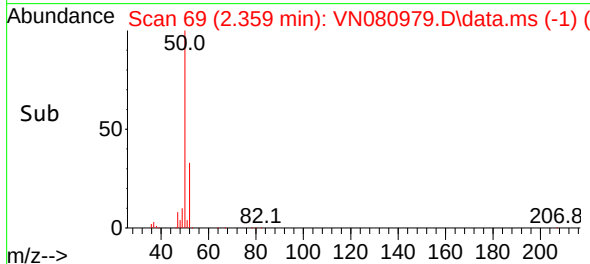
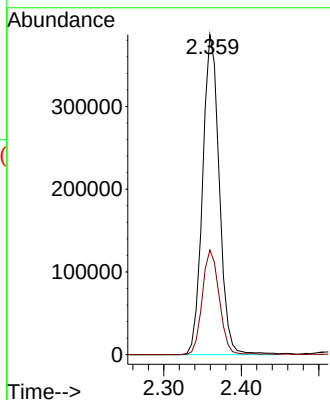
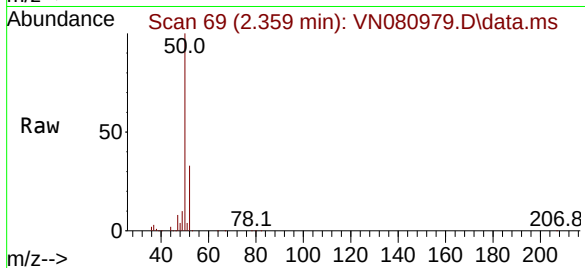
#3
Chloromethane
Concen: 94.768 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 57828
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.0

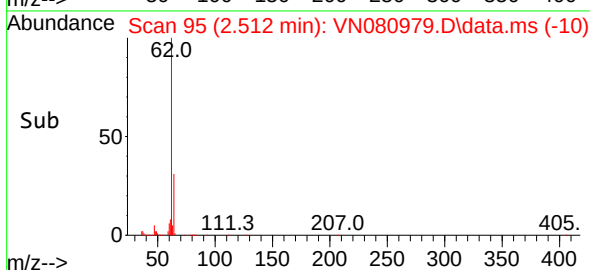
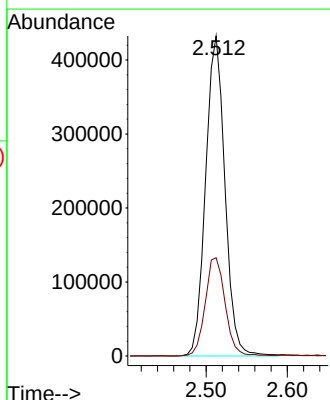
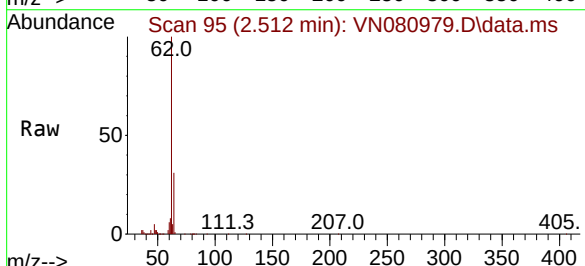
Manual Integrations
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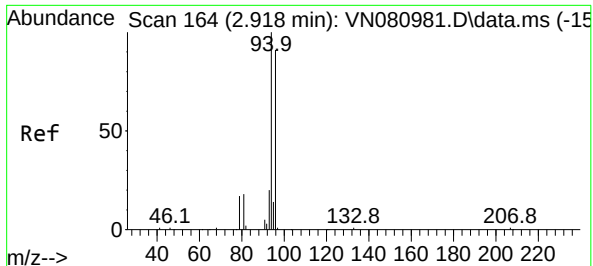
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#4
Vinyl Chloride
Concen: 97.938 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

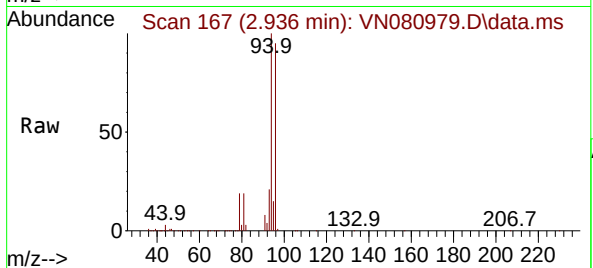
Tgt Ion: 62 Resp: 712534
Ion Ratio Lower Upper
62 100
64 30.7 24.1 36.1





#5
Bromomethane
Concen: 91.990 ug/l
RT: 2.936 min Scan# 10
Delta R.T. 0.018 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

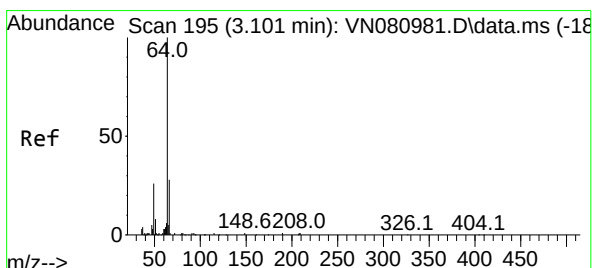
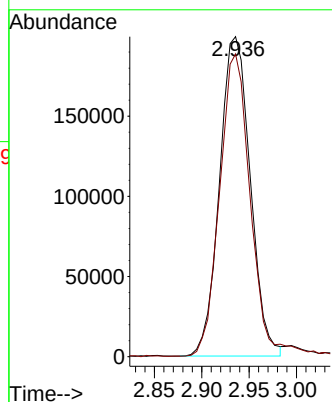
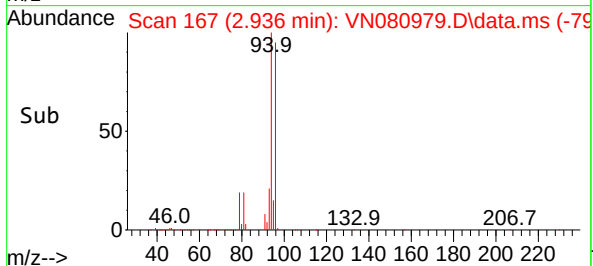
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



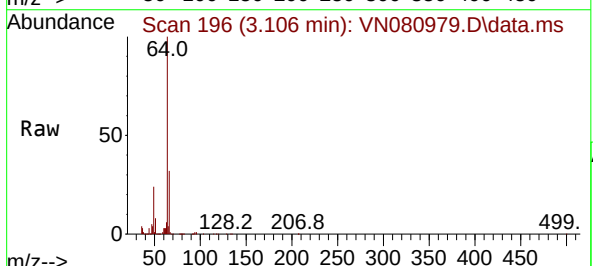
Tgt Ion: 94 Resp: 44953
Ion Ratio Lower Upper
94 100
96 94.6 72.8 109.2

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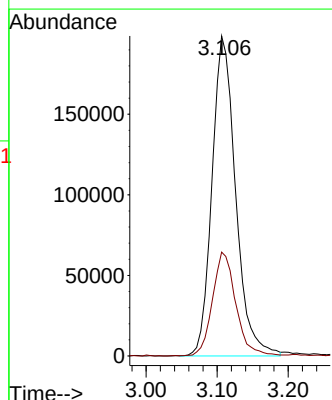
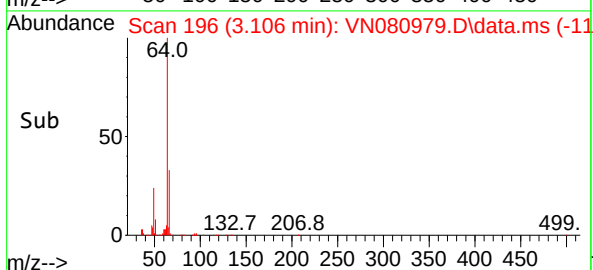
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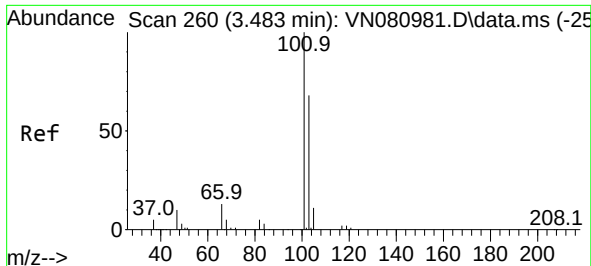


#6
Chloroethane
Concen: 96.633 ug/l
RT: 3.106 min Scan# 196
Delta R.T. 0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00



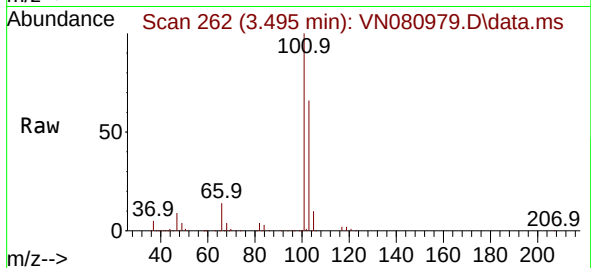
Tgt Ion: 64 Resp: 458290
Ion Ratio Lower Upper
64 100
66 32.3 26.7 40.1





#7
Trichlorofluoromethane
Concen: 99.247 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

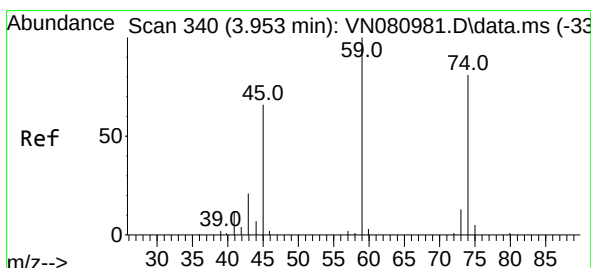
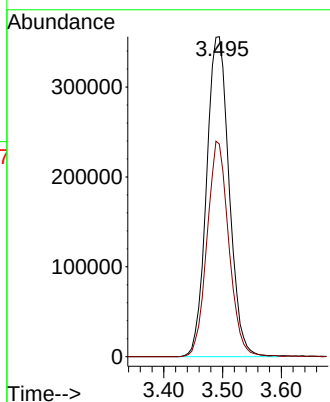
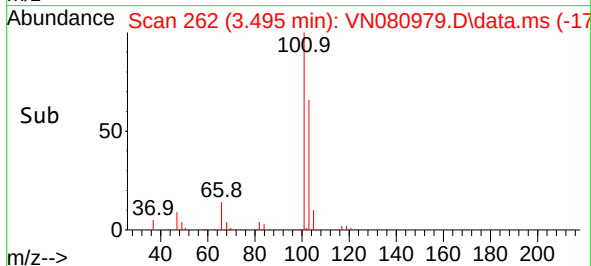
Instrument :
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ClientSampleId :
VSTDICC100



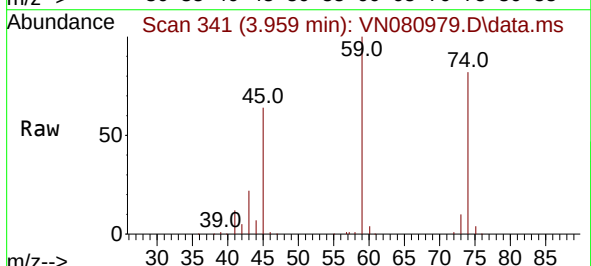
Tgt Ion:101 Resp: 950830
Ion Ratio Lower Upper
101 100
103 66.5 53.0 79.4

Manual Integrations
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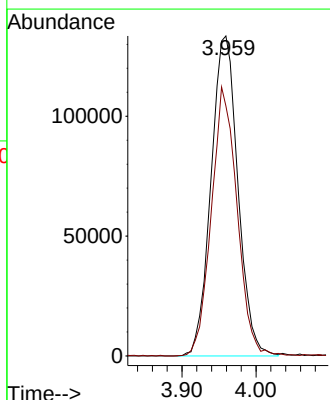
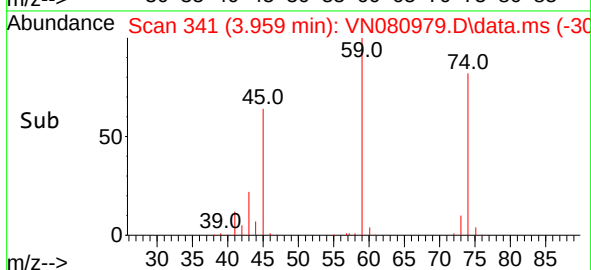
Reviewed By :John Carlone 02/12/2024
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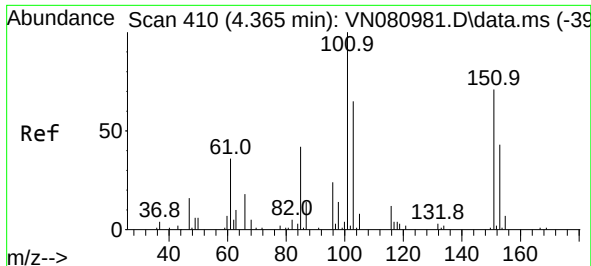


#8
Diethyl Ether
Concen: 99.994 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00



Tgt Ion: 74 Resp: 336707
Ion Ratio Lower Upper
74 100
45 79.6 16.4 147.4





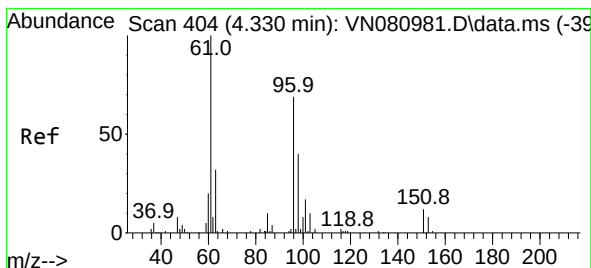
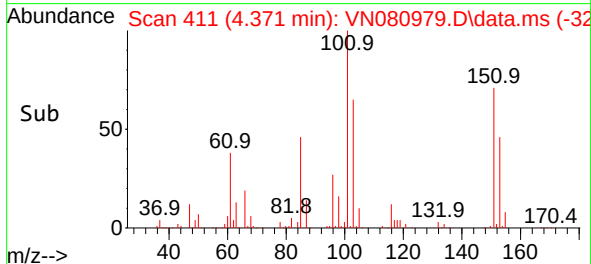
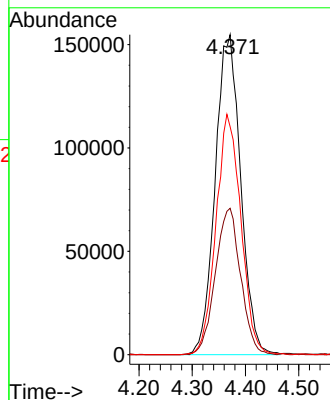
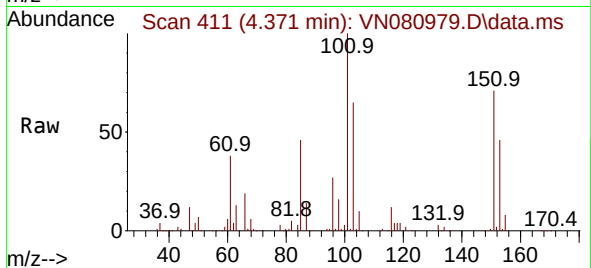
#9
1,1,2-Trichlorotrifluoroethane
Concen: 99.103 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Instrument :
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Tgt Ion:101 Resp: 51503
Ion Ratio Lower Upper
101 100
85 45.3 0.0 90.6
151 73.4 0.0 157.6

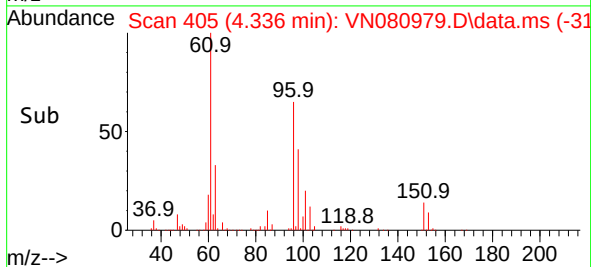
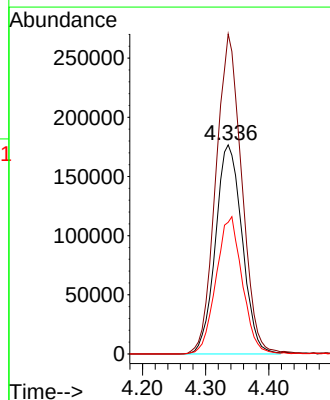
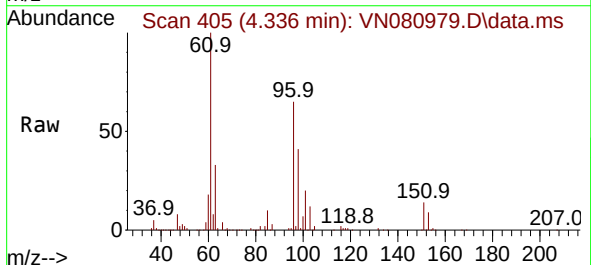
Manual Integrations
APPROVED

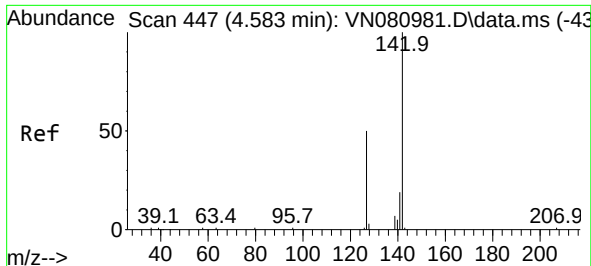
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#10
1,1-Dichloroethene
Concen: 101.855 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

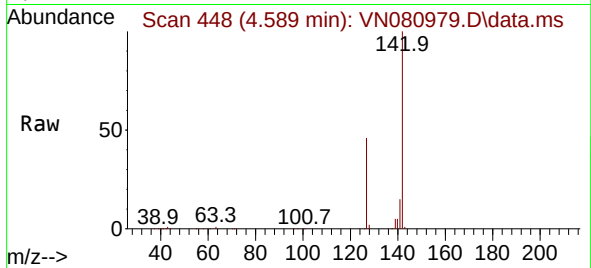
Tgt Ion: 96 Resp: 519066
Ion Ratio Lower Upper
96 100
61 153.0 117.6 176.4
98 62.9 48.4 72.6





#11
Methyl Iodide
Concen: 105.892 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

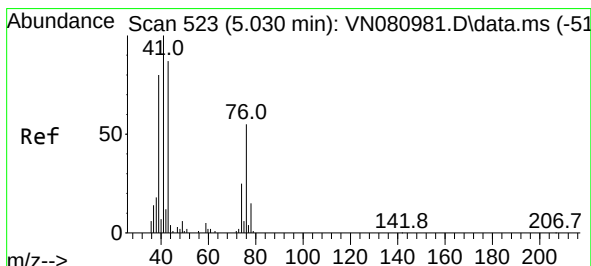
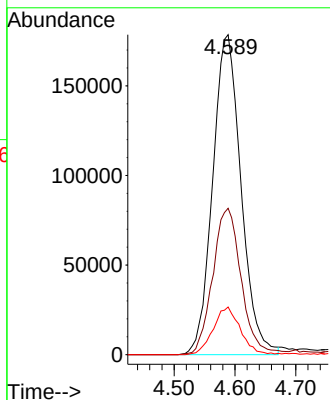
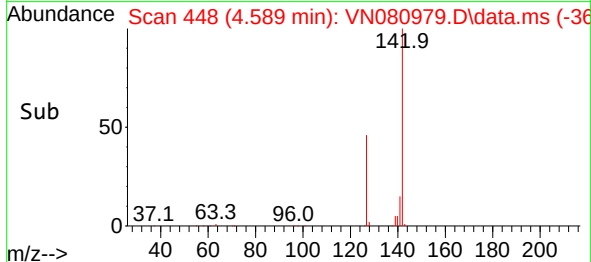
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 57795
Ion Ratio Lower Upper
142 100
127 45.6 26.3 78.9
141 14.9 8.3 24.9

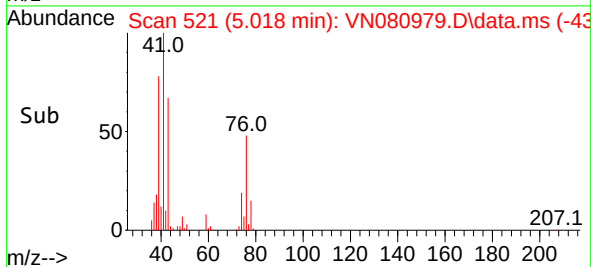
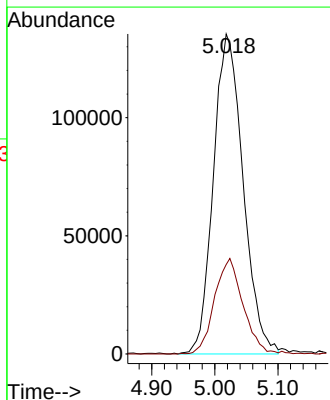
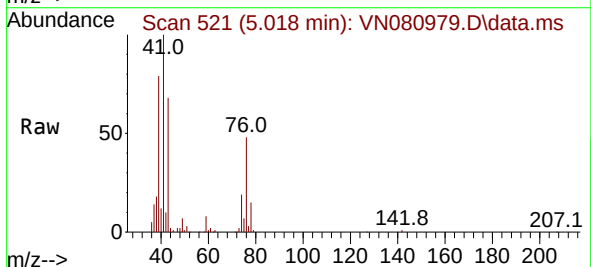
Manual Integrations
APPROVED

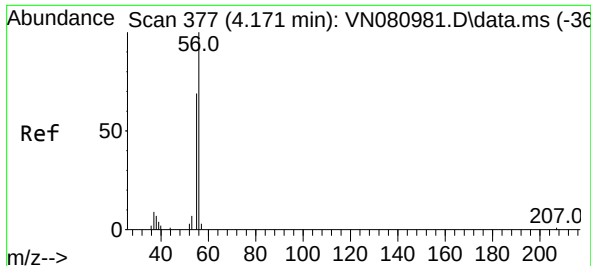
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#12
Methyl Acetate
Concen: 96.129 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

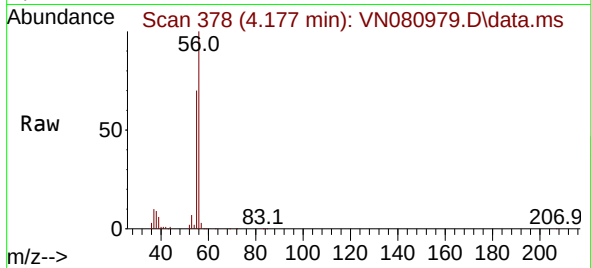
Tgt Ion: 43 Resp: 442263
Ion Ratio Lower Upper
43 100
74 27.9 27.7 41.5





#13
Acrolein
Concen: 486.575 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

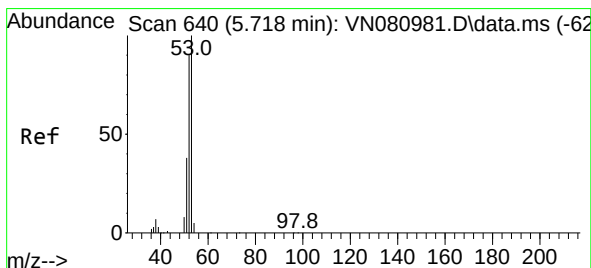
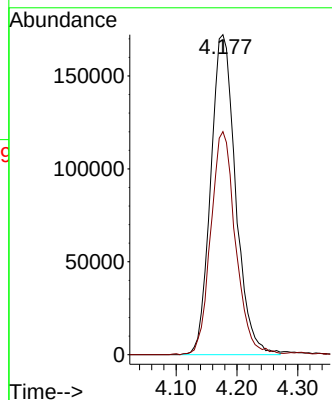
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 490025
Ion Ratio Lower Upper
56 100
55 69.1 55.5 83.3

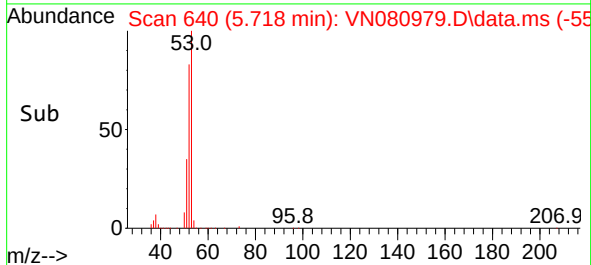
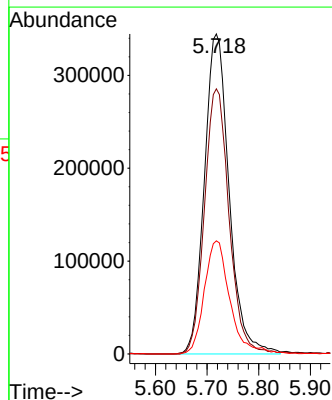
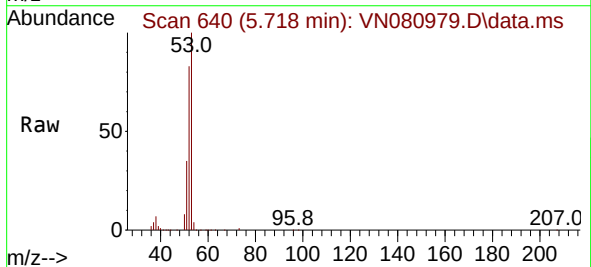
Manual Integrations
APPROVED

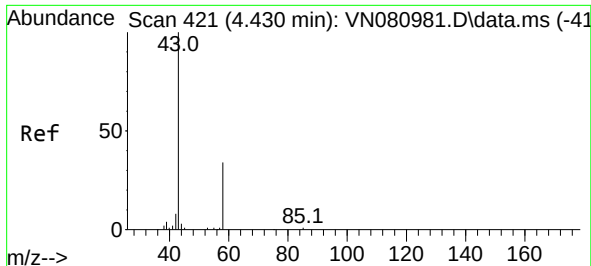
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#14
Acrylonitrile
Concen: 499.507 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Tgt Ion: 53 Resp: 1146643
Ion Ratio Lower Upper
53 100
52 82.0 41.3 123.9
51 35.6 16.8 50.3





#15

Acetone

Concen: 480.496 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN080979.D

Acq: 09 Feb 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 58 Resp: 253480

Ion Ratio Lower Upper

58 100

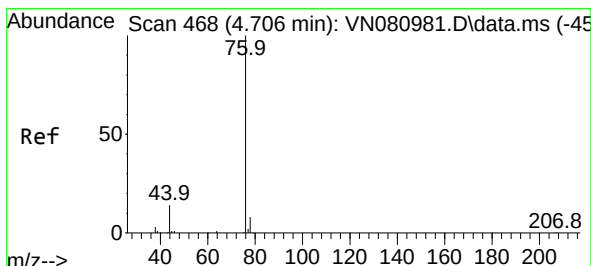
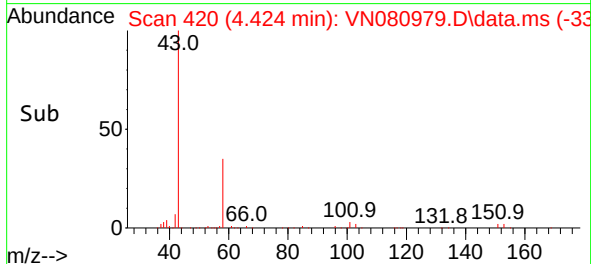
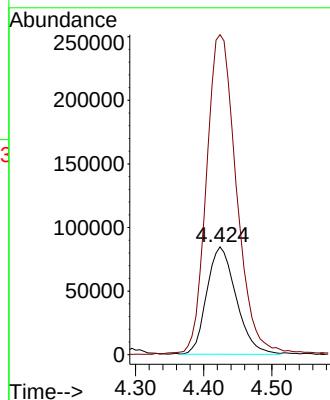
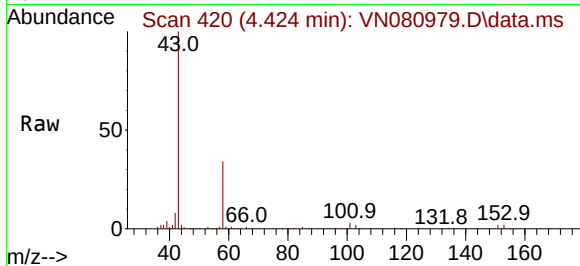
43 296.5 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#16

Carbon Disulfide

Concen: 97.931 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN080979.D

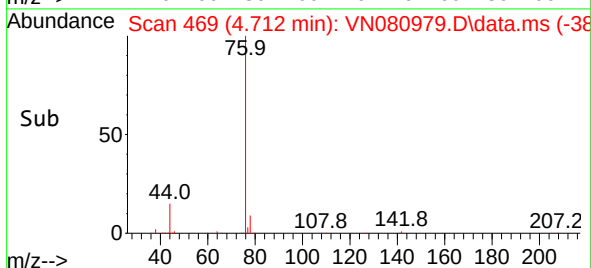
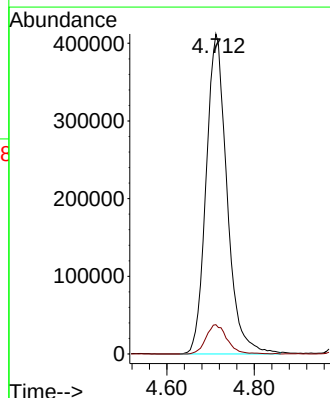
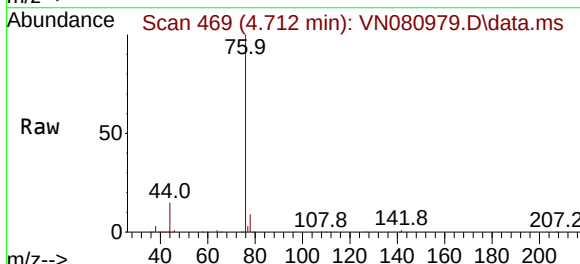
Acq: 09 Feb 2024 10:00

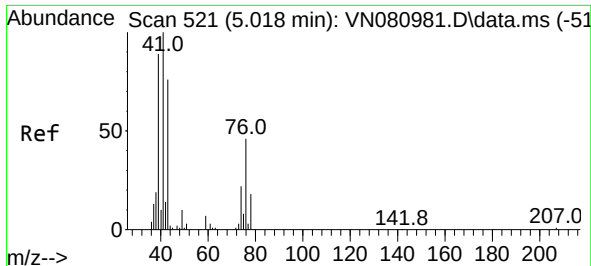
Tgt Ion: 76 Resp: 1369664

Ion Ratio Lower Upper

76 100

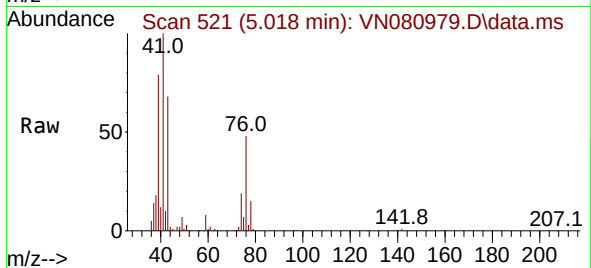
78 9.2 6.3 9.5





#17
Allyl chloride
Concen: 99.909 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

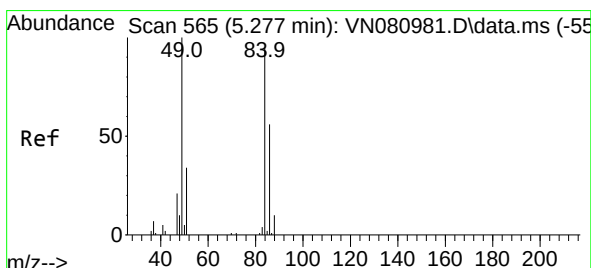
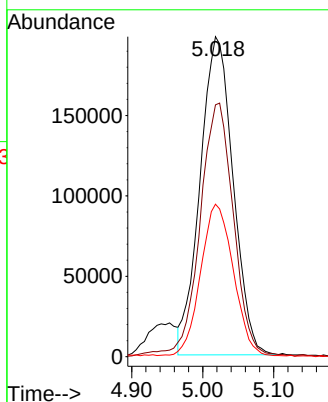
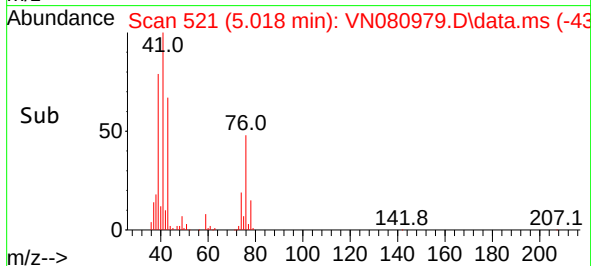
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 639449
Ion Ratio Lower Upper
41 100
39 78.5 37.6 112.9
76 47.6 27.8 83.4

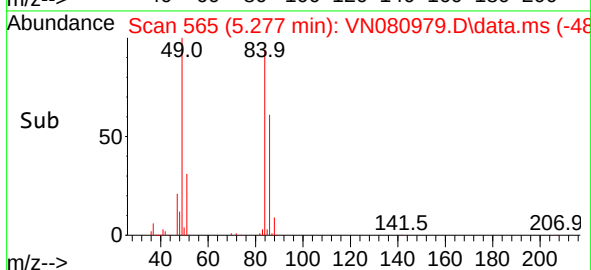
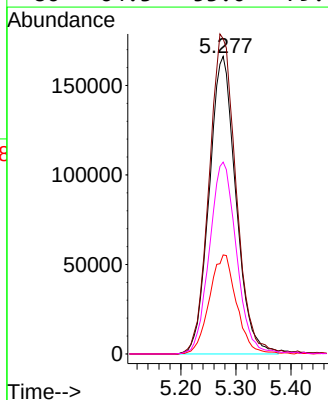
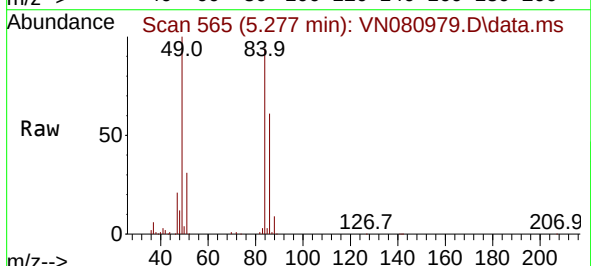
Manual Integrations
APPROVED

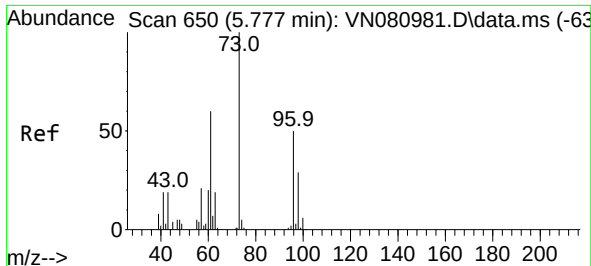
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#18
Methylene Chloride
Concen: 96.421 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

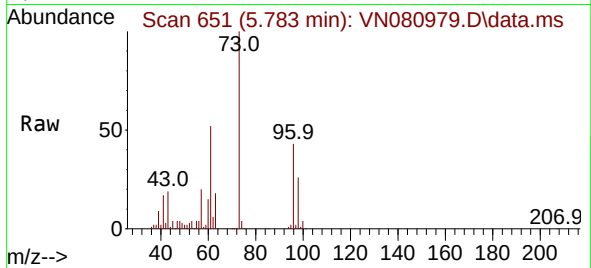
Tgt Ion: 84 Resp: 561950
Ion Ratio Lower Upper
84 100
49 105.9 86.0 129.0
51 33.3 30.0 45.0
86 64.3 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 99.130 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

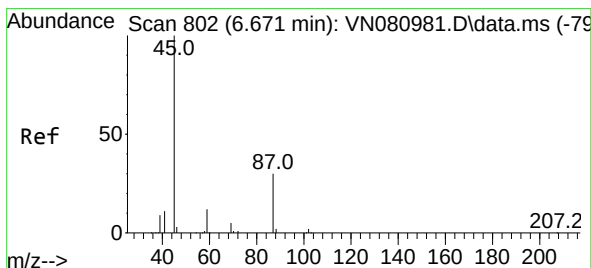
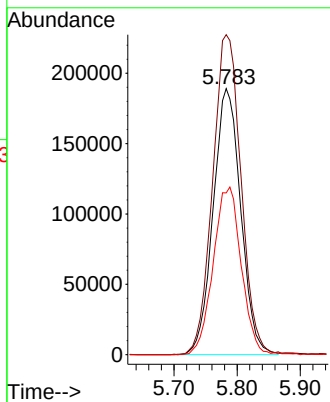
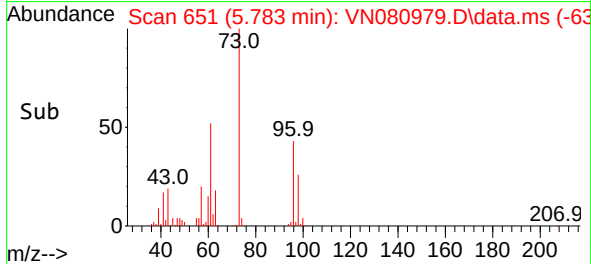
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 573500
Ion Ratio Lower Upper
96 100
61 120.1 111.8 167.6
98 60.8 49.2 73.8

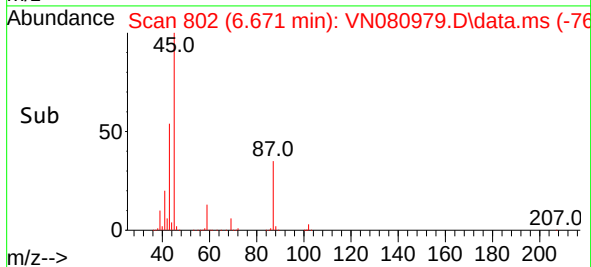
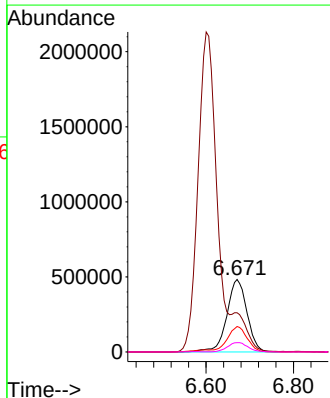
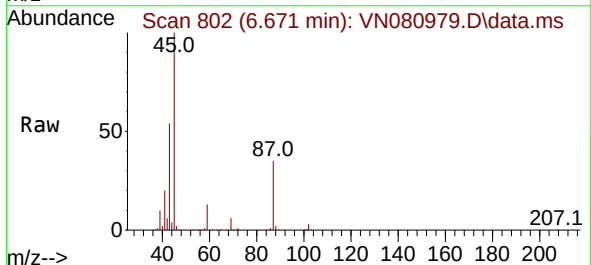
Manual Integrations
APPROVED

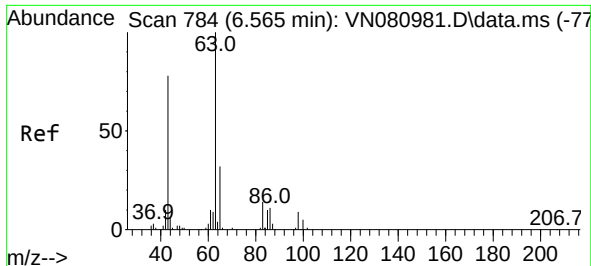
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#20
Diisopropyl ether
Concen: 100.506 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

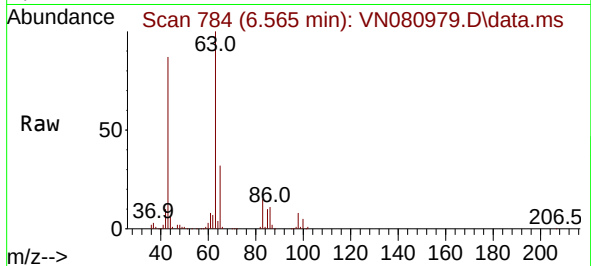
Tgt Ion: 45 Resp: 1546098
Ion Ratio Lower Upper
45 100
43 53.5 40.4 60.6
87 35.0 23.8 35.8
59 12.8 9.8 14.6





#21
1,1-Dichloroethane
Concen: 98.902 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

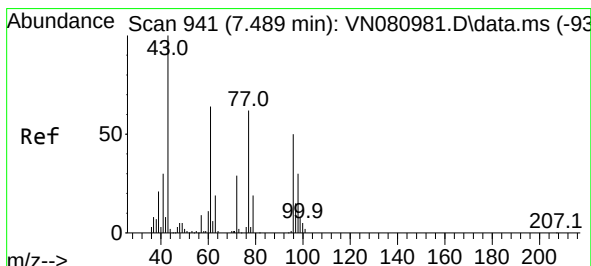
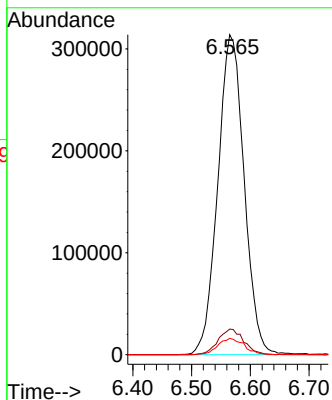
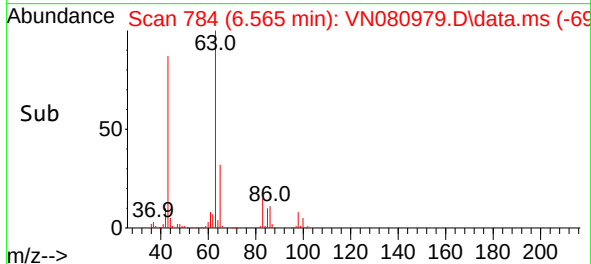
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



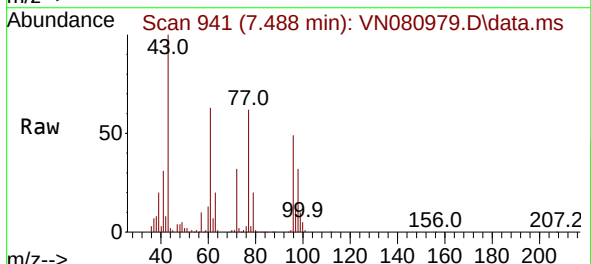
Tgt Ion: 63 Resp: 975020
Ion Ratio Lower Upper
63 100
98 8.0 4.1 12.3
100 5.1 3.0 9.0

Manual Integrations
APPROVED

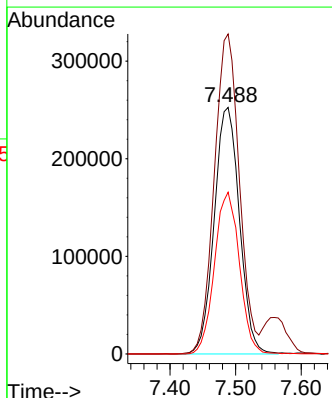
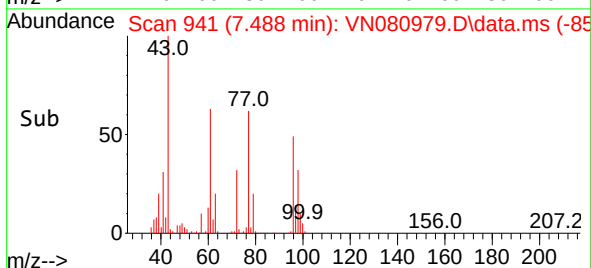
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

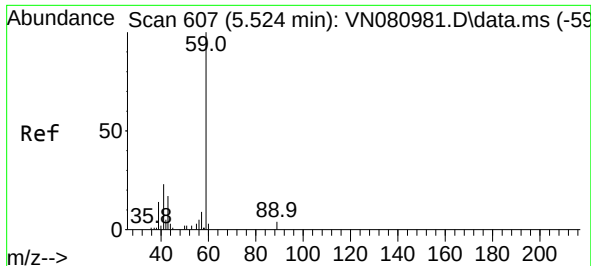


#22
cis-1,2-Dichloroethene
Concen: 100.440 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00



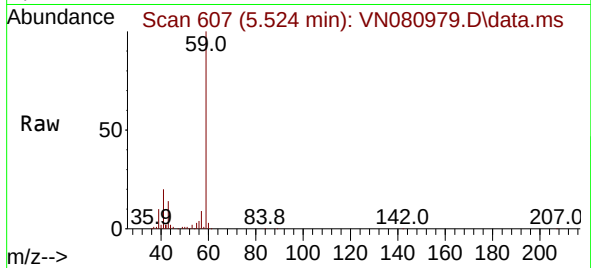
Tgt Ion: 96 Resp: 675176
Ion Ratio Lower Upper
96 100
61 129.3 113.5 170.3
98 64.8 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 487.873 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

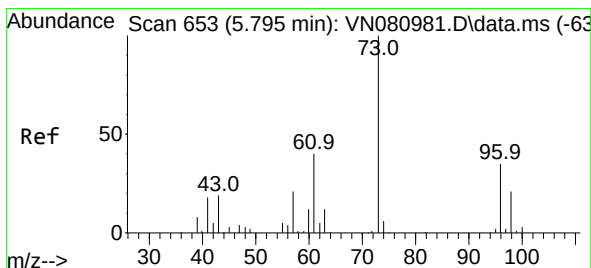
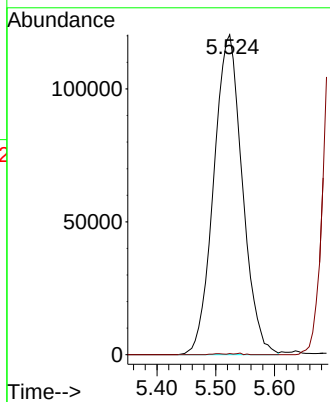
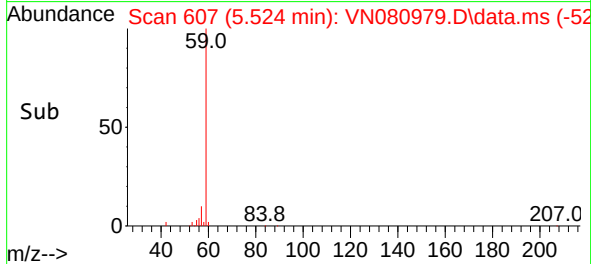
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



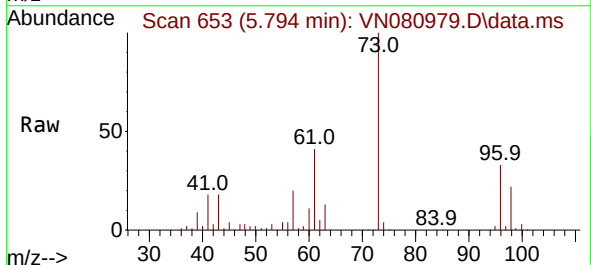
Tgt Ion: 59 Resp: 407563
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

Manual Integrations
APPROVED

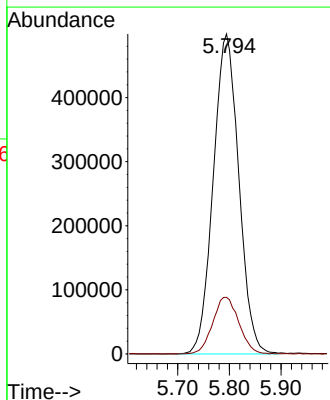
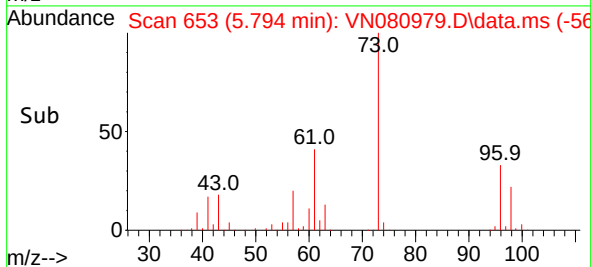
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

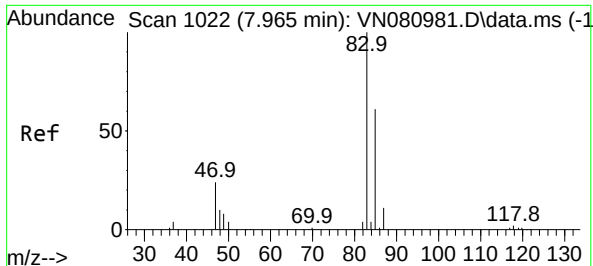


#24
Methyl tert-Butyl Ether
Concen: 101.396 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00



Tgt Ion: 73 Resp: 1713038
Ion Ratio Lower Upper
73 100
43 18.1 13.4 20.2





#25

Chloroform

Concen: 100.057 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN080979.D

Acq: 09 Feb 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 109433

Ion Ratio Lower Upper

83 100

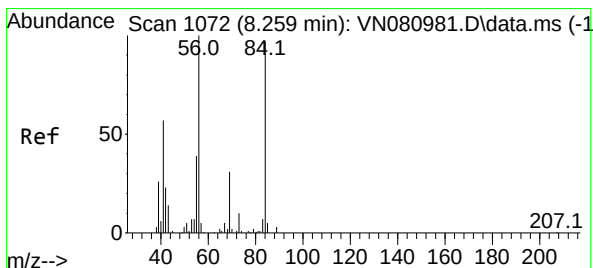
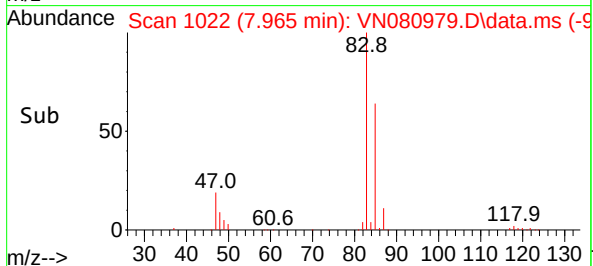
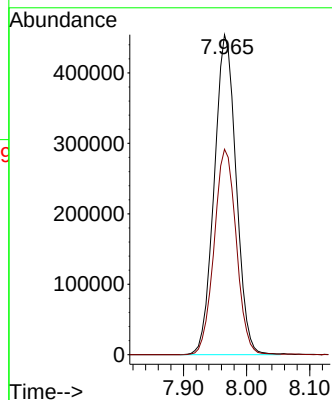
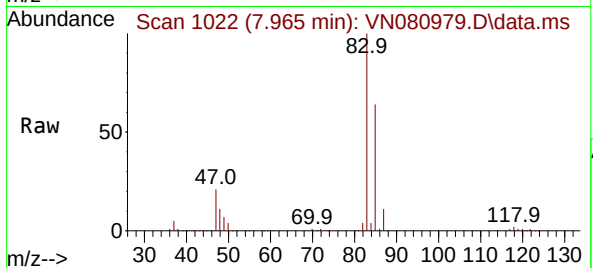
85 64.2 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#26

Cyclohexane

Concen: 99.266 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN080979.D

Acq: 09 Feb 2024 10:00

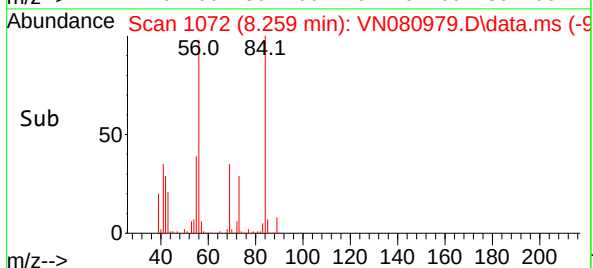
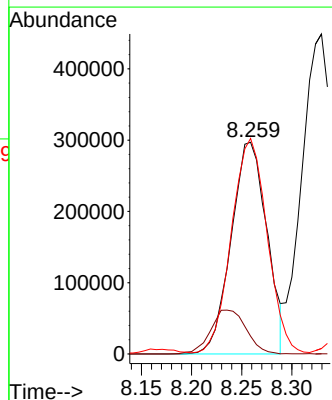
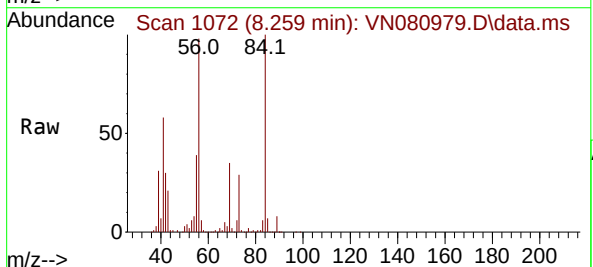
Tgt Ion: 56 Resp: 736887

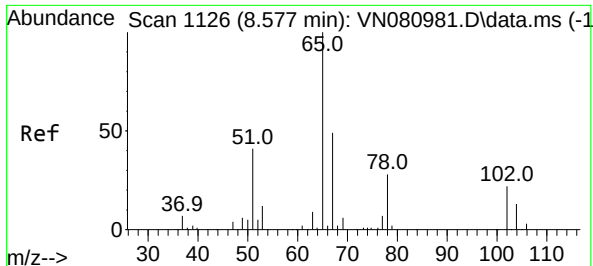
Ion Ratio Lower Upper

56 100

89 20.7 19.3 28.9

84 102.3 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 30.398 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

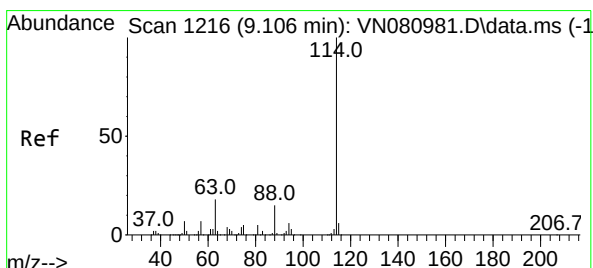
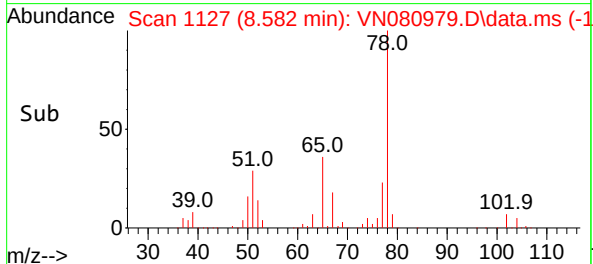
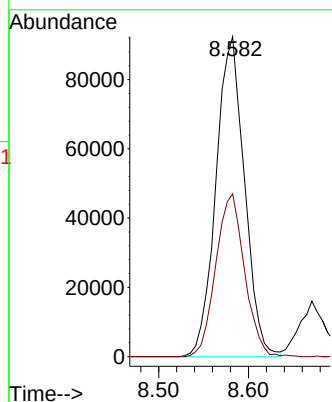
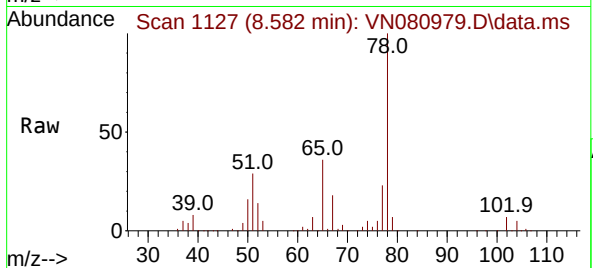
VSTDIC100

Tgt Ion: 65 Resp: 20398
Ion Ratio Lower Upper
65 100
67 51.1 43.2 64.8

Manual Integrations

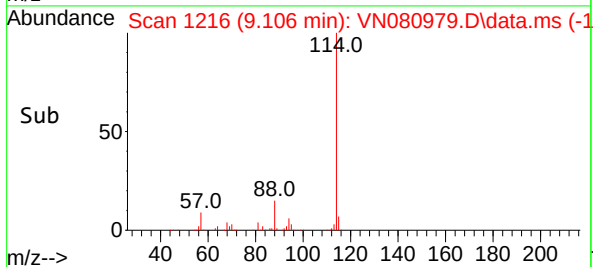
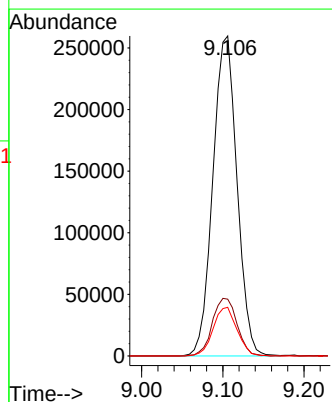
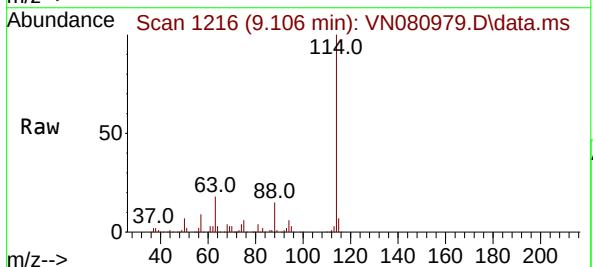
APPROVED

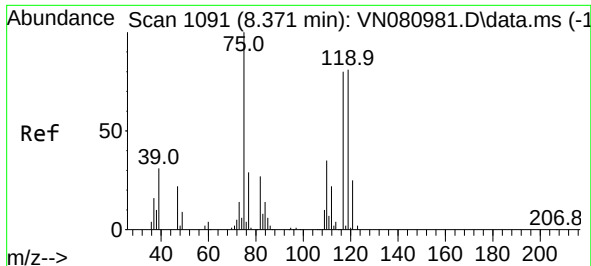
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Tgt Ion:114 Resp: 537062
Ion Ratio Lower Upper
114 100
63 18.4 15.9 23.9
88 15.1 12.7 19.1





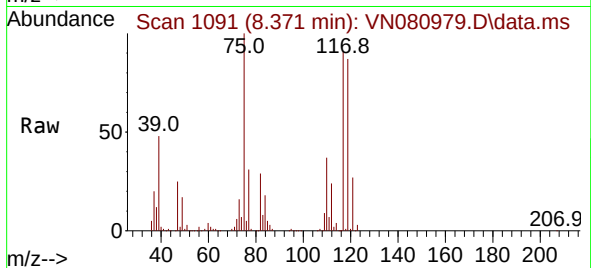
#29
1,1-Dichloropropene
Concen: 97.000 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



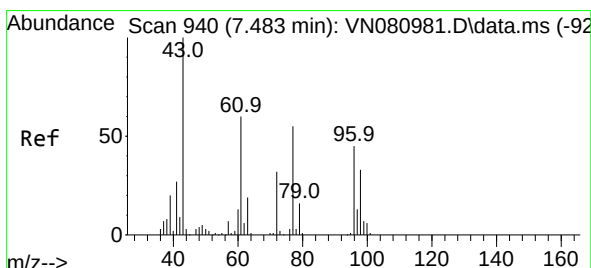
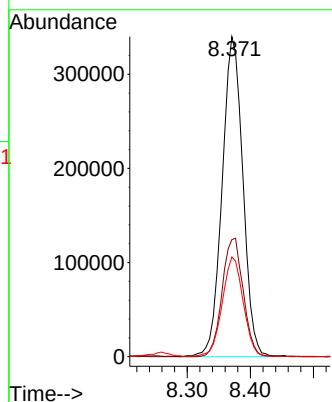
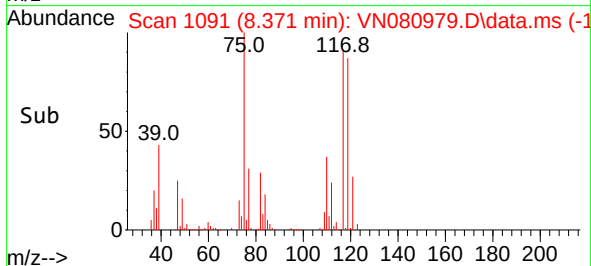
Tgt Ion: 75 Resp: 775980
Ion Ratio Lower Upper
75 100
110 37.6 0.0 70.2
77 31.6 0.0 61.4

Manual Integrations

APPROVED

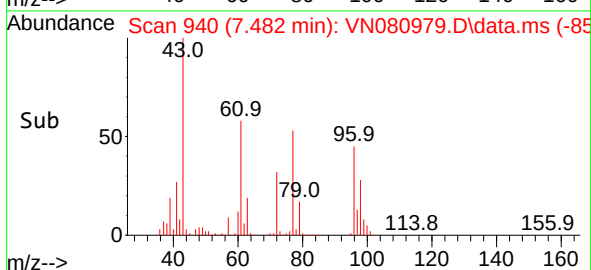
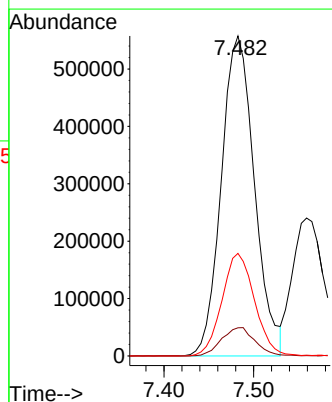
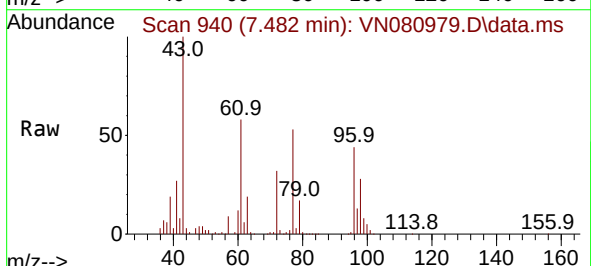
Reviewed By :John Carlone 02/12/2024

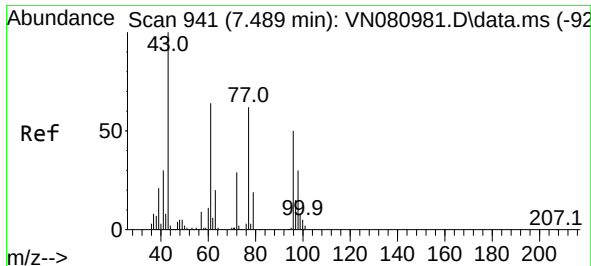
Supervised By :Mahesh Dadoda 02/12/2024



#30
2-Butanone
Concen: 487.666 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

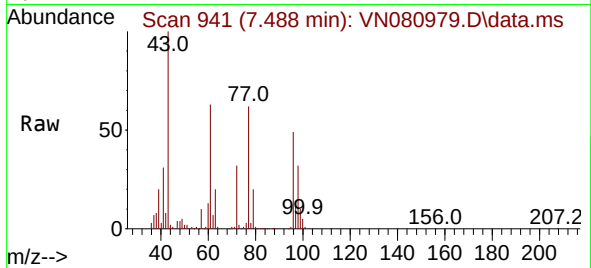
Tgt Ion: 43 Resp: 1431365
Ion Ratio Lower Upper
43 100
57 9.0 6.7 10.1
72 31.5 24.0 36.0





#31
2,2-Dichloropropane
Concen: 100.730 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

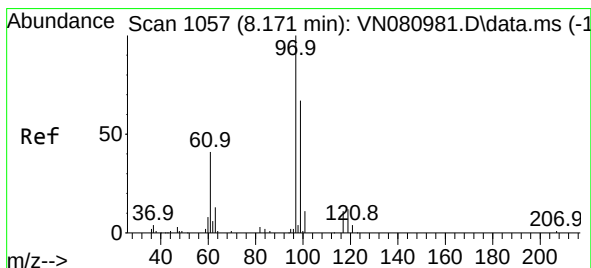
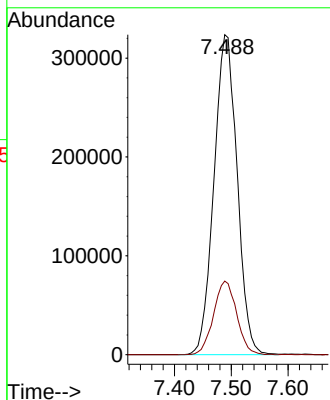
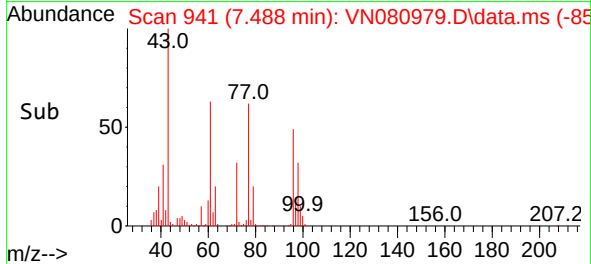
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



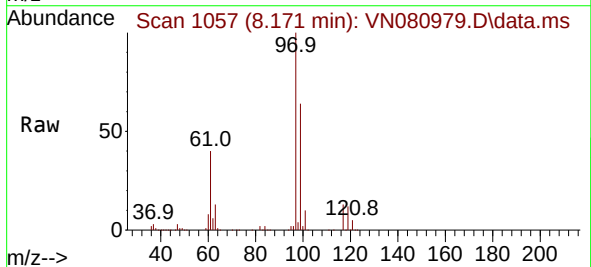
Tgt Ion: 77 Resp: 917485
Ion Ratio Lower Upper
77 100
97 22.9 18.3 27.5

Manual Integrations
APPROVED

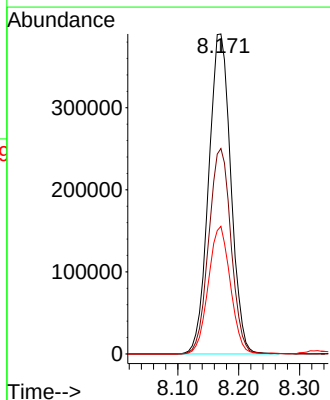
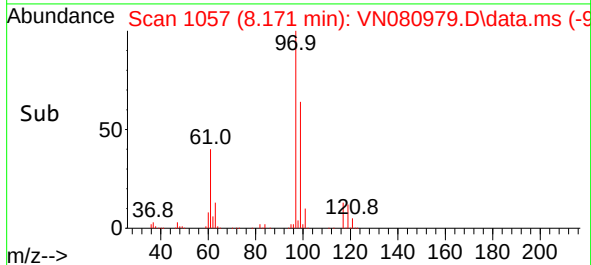
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

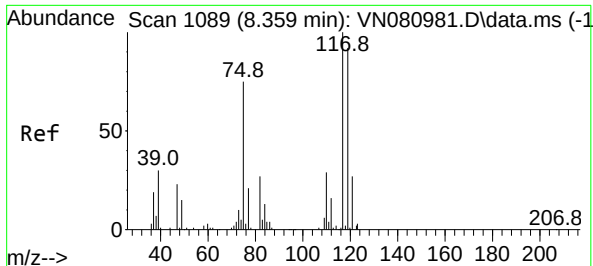


#32
1,1,1-Trichloroethane
Concen: 98.117 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00



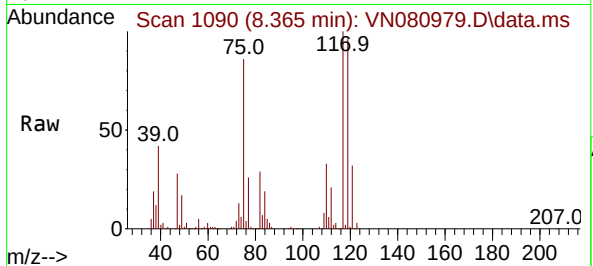
Tgt Ion: 97 Resp: 987410
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 39.5 33.8 50.8





#33
Carbon Tetrachloride
Concen: 101.549 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

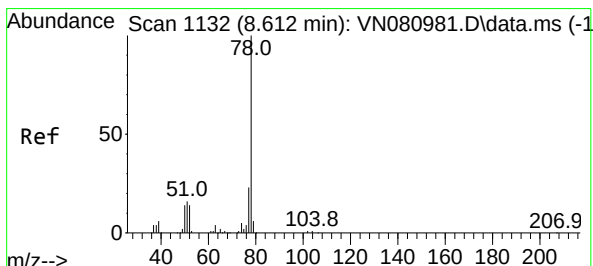
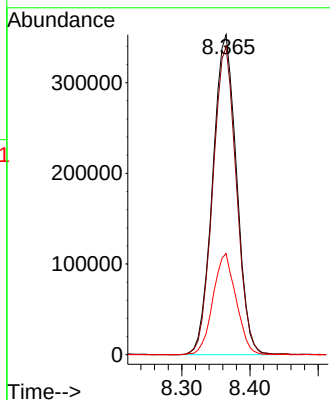
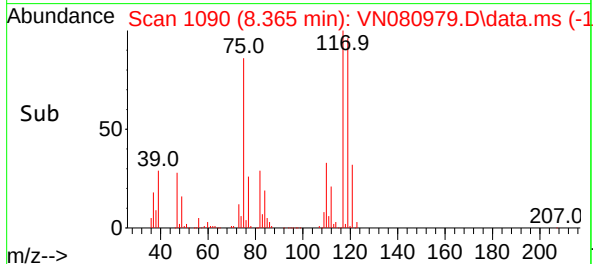
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 861045
Ion Ratio Lower Upper
117 100
119 96.2 77.7 116.5
121 31.6 27.0 40.6

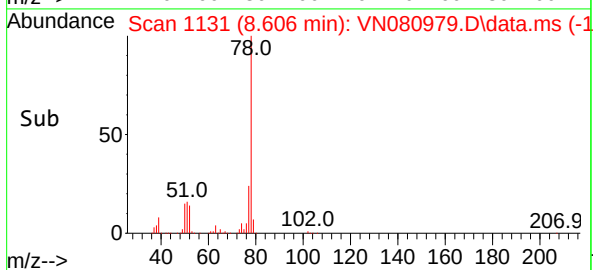
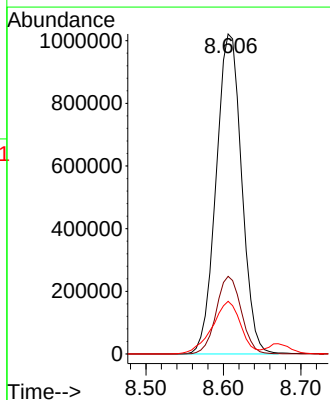
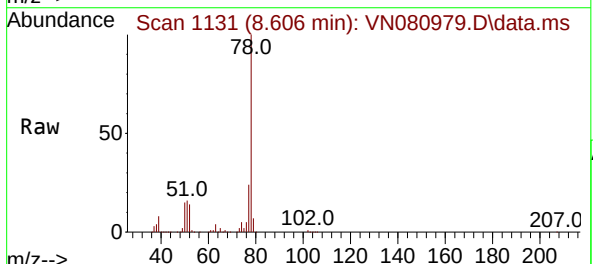
Manual Integrations
APPROVED

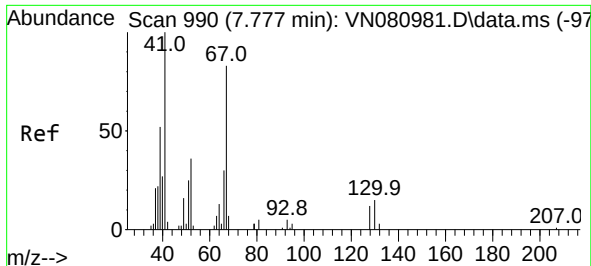
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#34
Benzene
Concen: 95.728 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

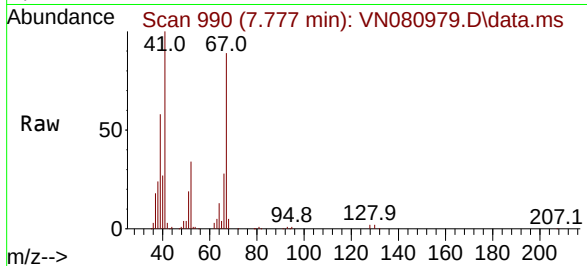
Tgt Ion: 78 Resp: 2340225
Ion Ratio Lower Upper
78 100
77 24.3 19.2 28.8
51 16.4 13.3 19.9





#35
Methacrylonitrile
Concen: 99.062 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

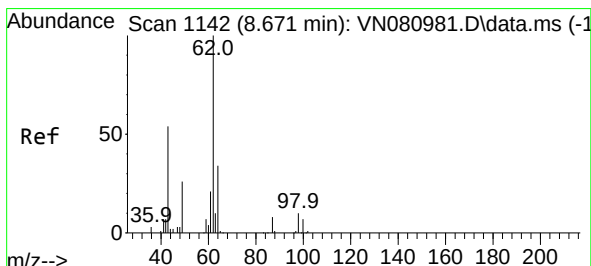
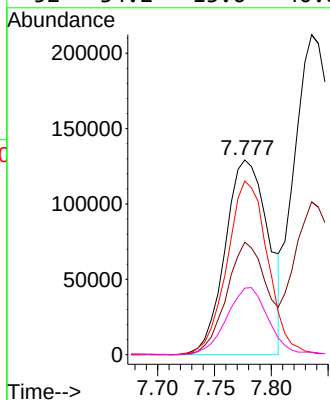
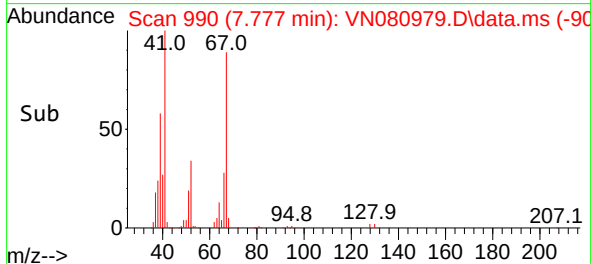
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 34175
Ion Ratio Lower Upper
41 100
39 57.6 25.3 75.9
67 89.0 38.7 116.1
52 34.2 13.6 40.8

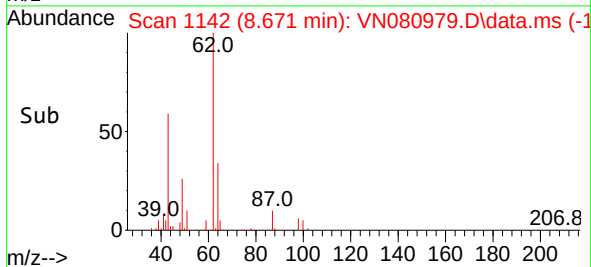
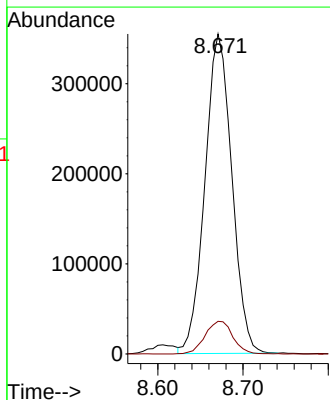
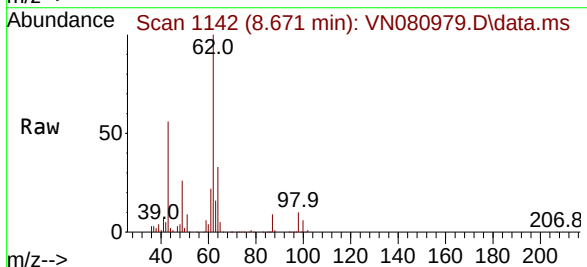
Manual Integrations
APPROVED

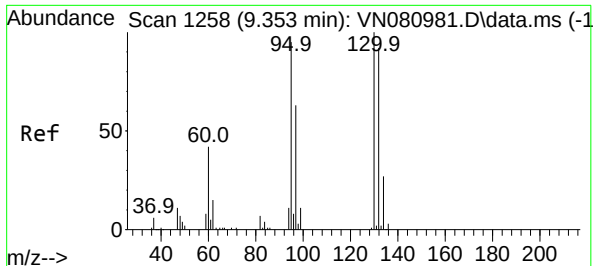
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#36
1,2-Dichloroethane
Concen: 94.806 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Tgt Ion: 62 Resp: 777832
Ion Ratio Lower Upper
62 100
98 10.6 8.2 12.4





#37

Trichloroethene

Concen: 97.145 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN080979.D

Acq: 09 Feb 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:130 Resp: 631410

Ion Ratio Lower Upper

130 100

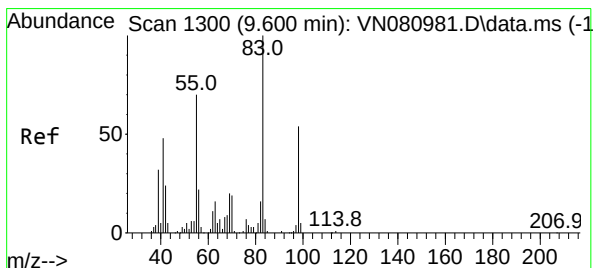
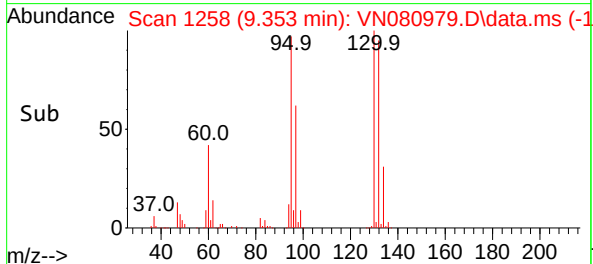
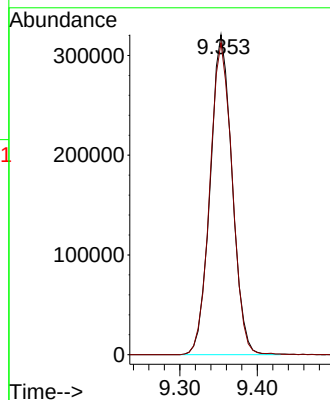
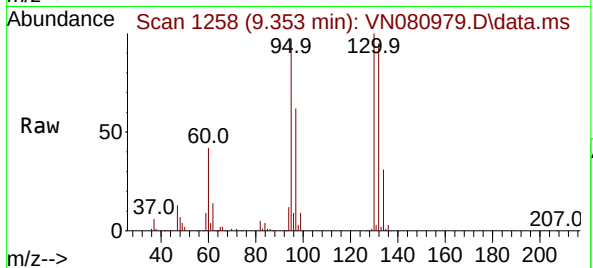
95 97.5 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#38

Methylcyclohexane

Concen: 100.647 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN080979.D

Acq: 09 Feb 2024 10:00

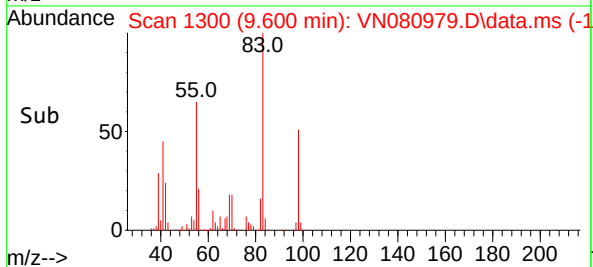
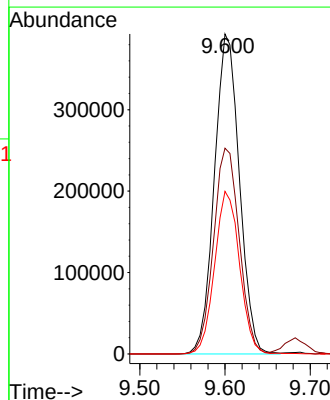
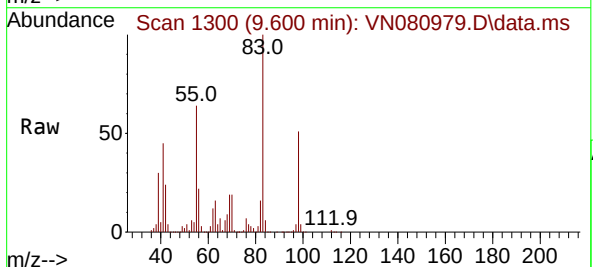
Tgt Ion: 83 Resp: 803533

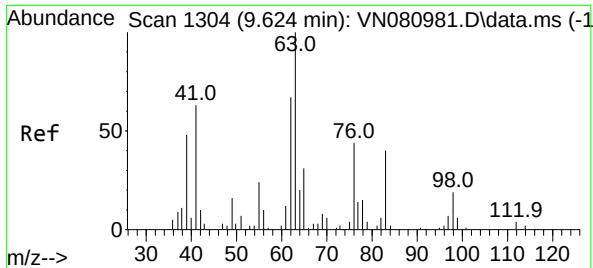
Ion Ratio Lower Upper

83 100

55 66.1 36.6 109.9

98 50.6 23.8 71.5





#39

1,2-Dichloropropane

Concen: 96.071 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080979.D

Acq: 09 Feb 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 557080

Ion Ratio Lower Upper

63 100

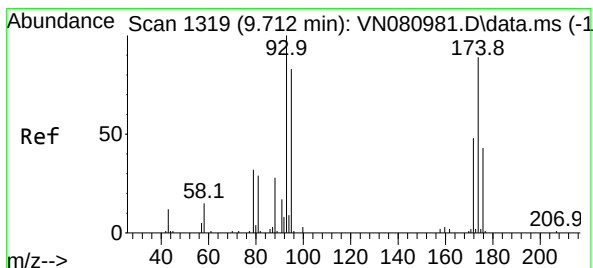
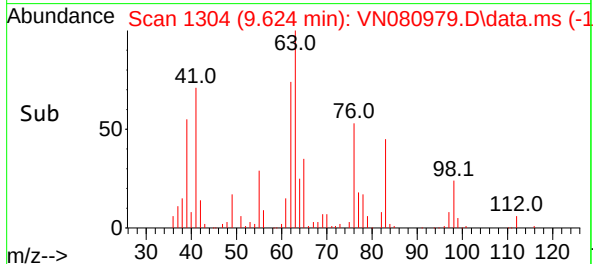
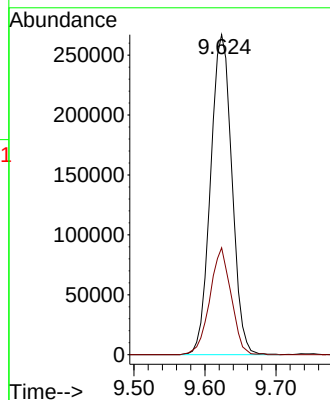
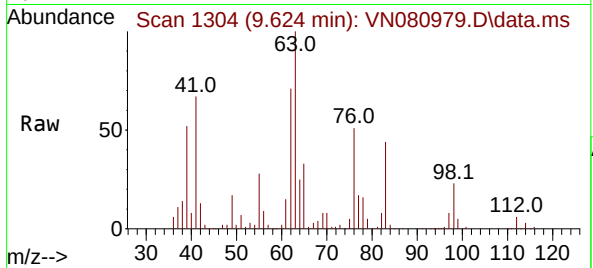
65 33.4 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#40

Dibromomethane

Concen: 97.514 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080979.D

Acq: 09 Feb 2024 10:00

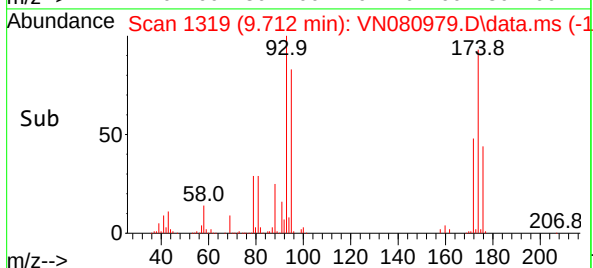
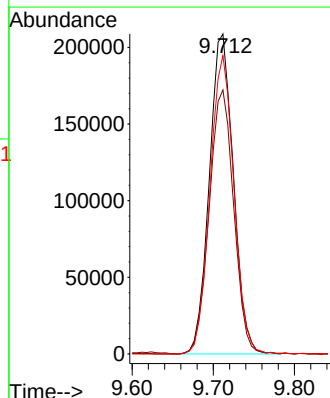
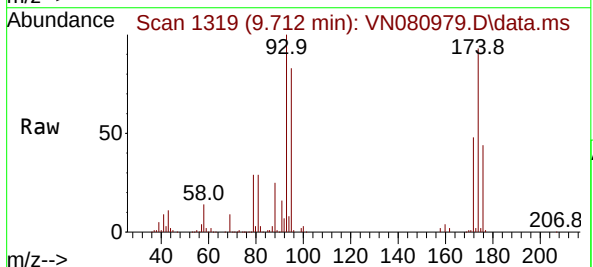
Tgt Ion: 93 Resp: 430195

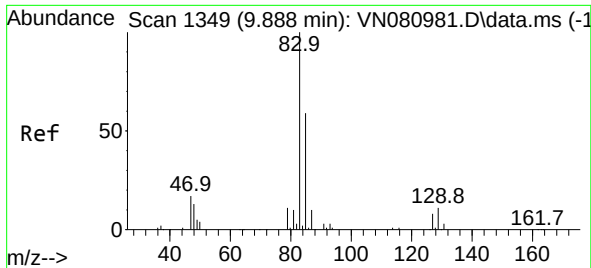
Ion Ratio Lower Upper

93 100

95 83.9 0.0 164.6

174 92.6 0.0 193.2





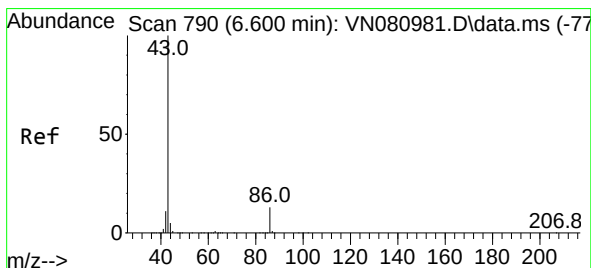
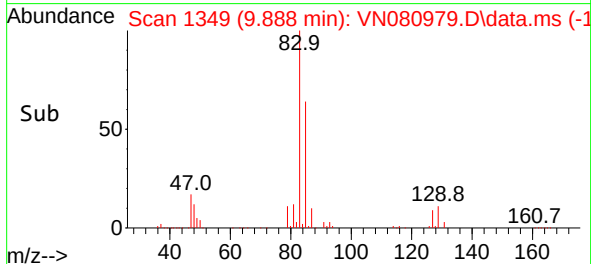
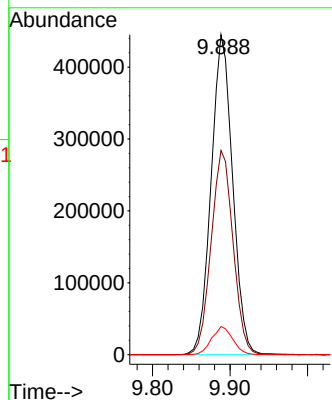
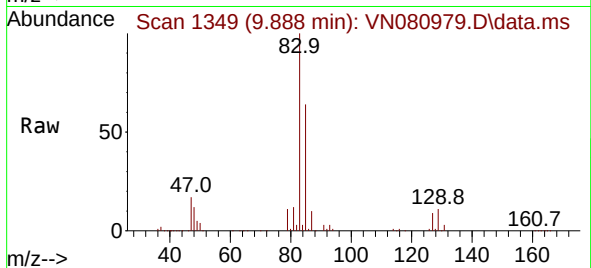
#41
Bromodichloromethane
Concen: 99.172 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 856262
Ion Ratio Lower Upper
83 100
85 63.8 49.4 74.2
127 8.8 7.3 10.9

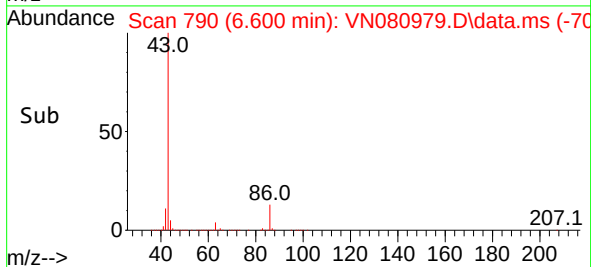
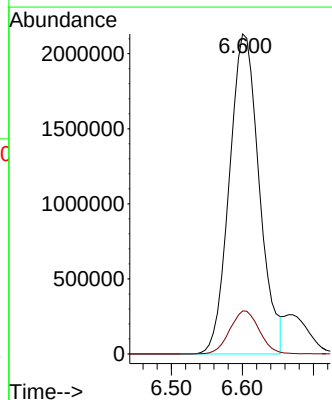
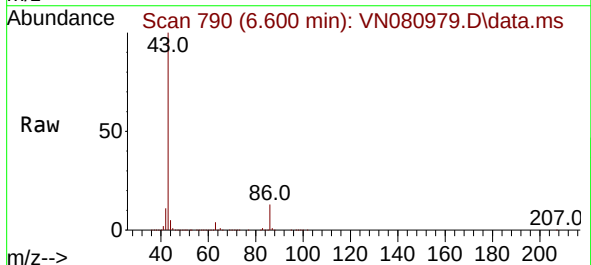
Manual Integrations
APPROVED

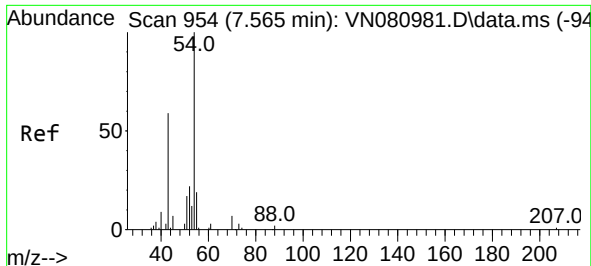
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#42
Vinyl Acetate
Concen: 494.011 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Tgt Ion: 43 Resp: 6230073
Ion Ratio Lower Upper
43 100
86 13.3 9.4 14.2





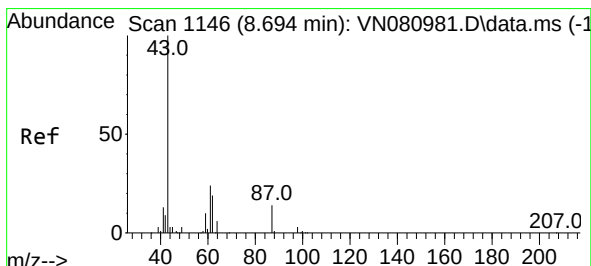
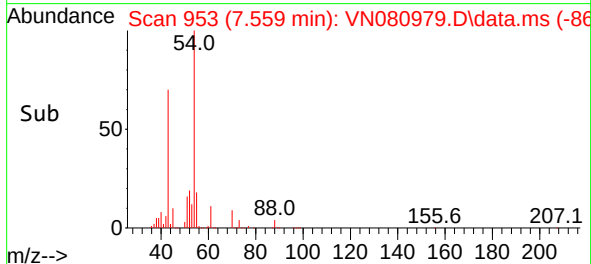
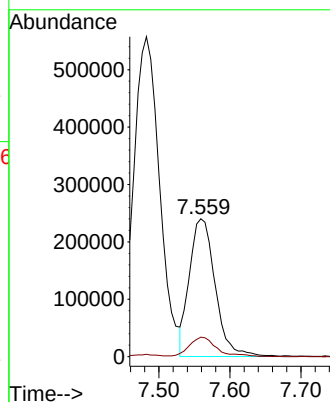
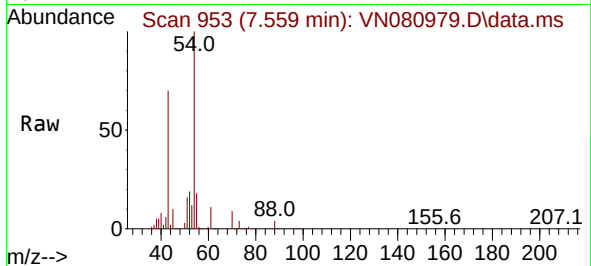
#43
Ethyl Acetate
Concen: 96.549 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 603544
Ion Ratio Lower Upper
43 100
45 15.3 10.6 15.8

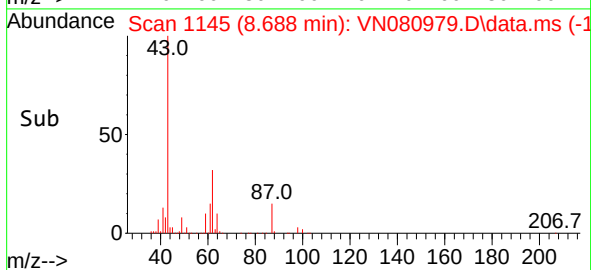
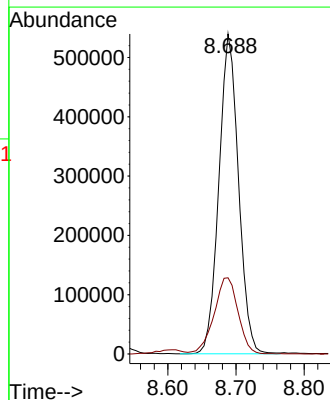
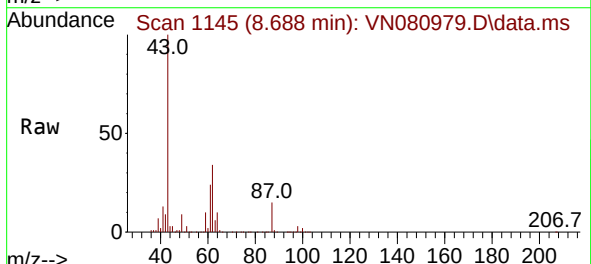
Manual Integrations
APPROVED

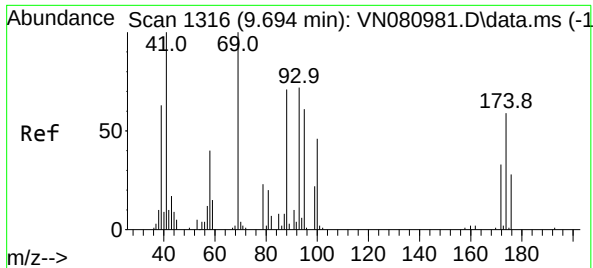
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#44
Isopropyl Acetate
Concen: 98.203 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

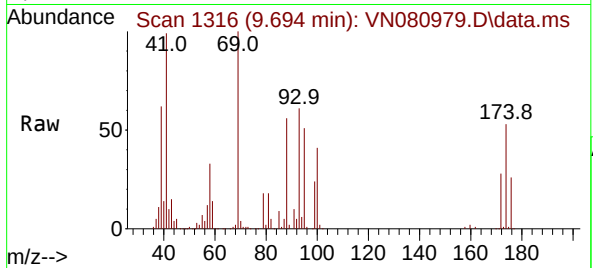
Tgt Ion: 43 Resp: 1078716
Ion Ratio Lower Upper
43 100
61 29.0 25.0 37.4





#45
1,4-Dioxane
Concen: 1926.861 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

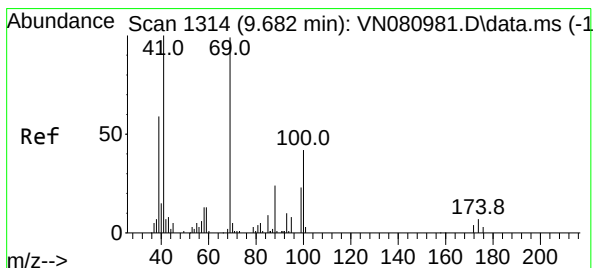
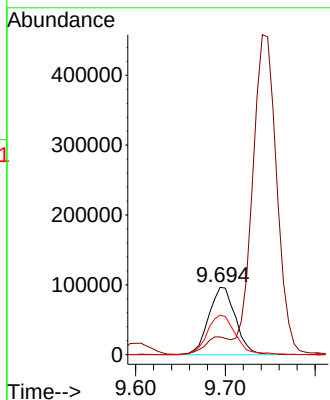
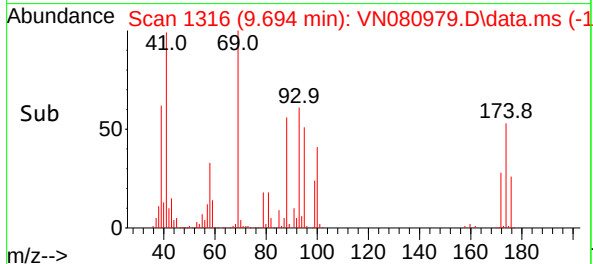
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



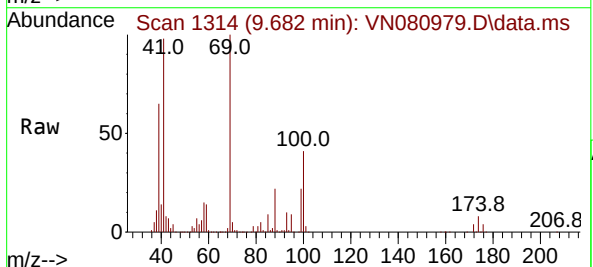
Tgt Ion: 88 Resp: 19959
Ion Ratio Lower Upper
88 100
43 24.4 19.8 29.6
58 62.4 55.4 83.0

Manual Integrations
APPROVED

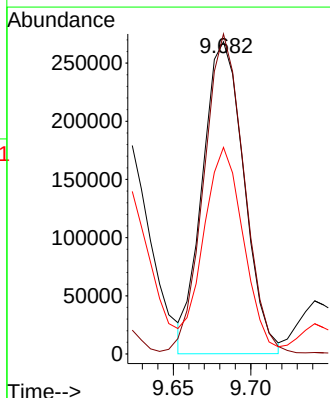
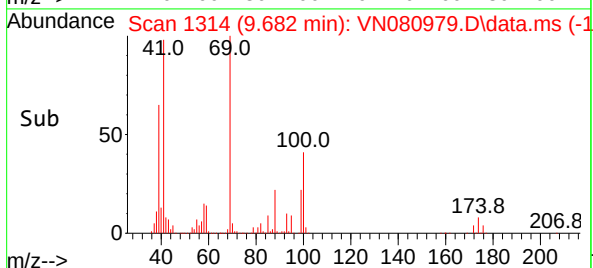
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

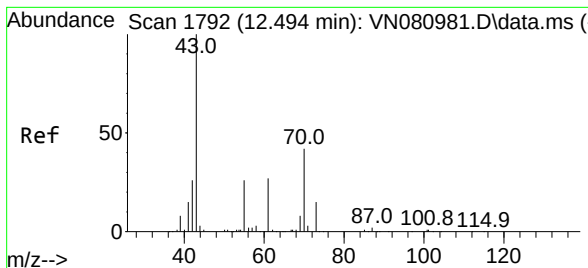


#46
Methyl methacrylate
Concen: 99.310 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00



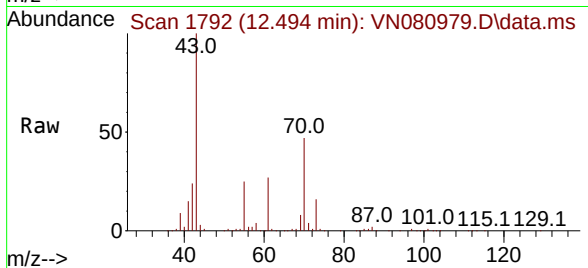
Tgt Ion: 41 Resp: 499142
Ion Ratio Lower Upper
41 100
69 103.8 51.1 153.3
39 66.2 25.8 77.3





#47
n-amy1 Acetate
Concen: 103.071 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

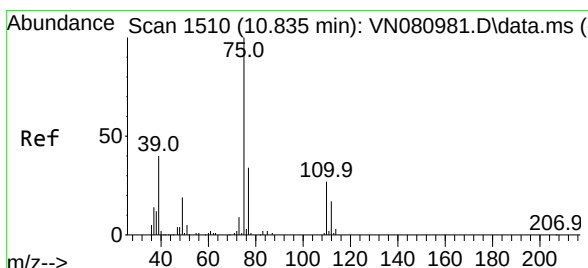
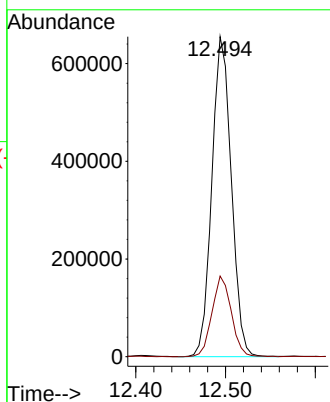
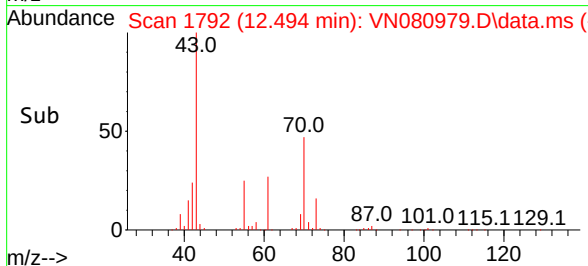
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



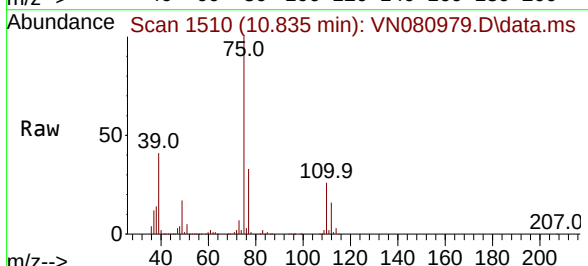
Tgt Ion: 43 Resp: 987380
Ion Ratio Lower Upper
43 100
55 25.0 23.4 35.2

Manual Integrations
APPROVED

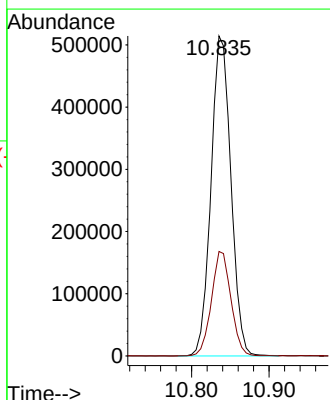
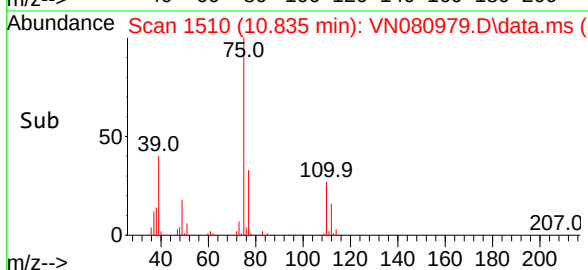
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

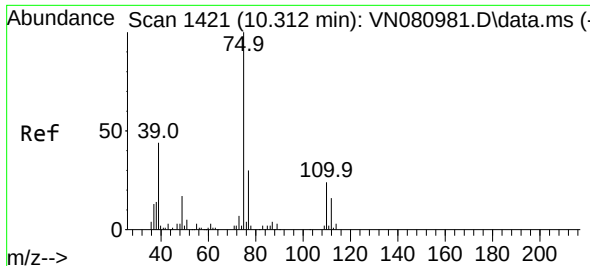


#48
t-1,3-Dichloropropene
Concen: 101.370 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00



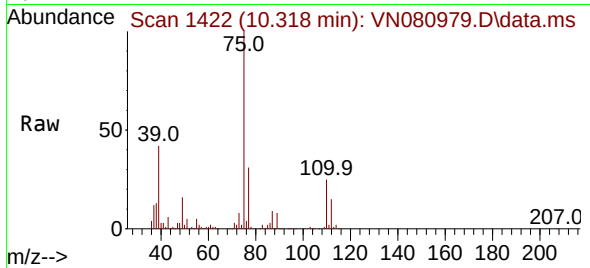
Tgt Ion: 75 Resp: 917295
Ion Ratio Lower Upper
75 100
77 32.6 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 100.983 ug/l
RT: 10.318 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

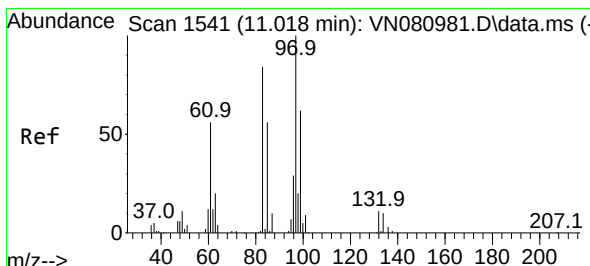
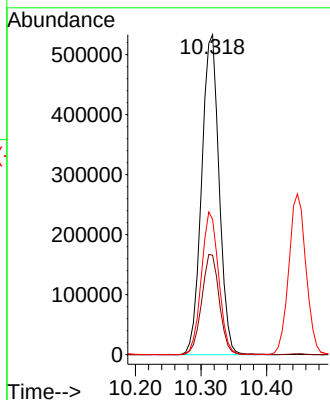
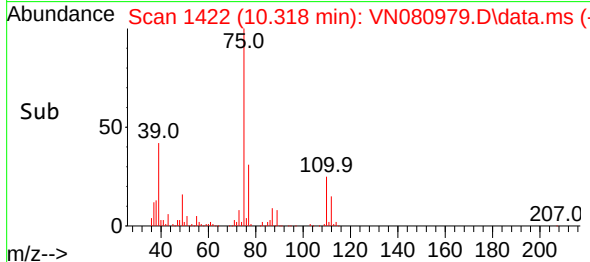
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 990162
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3
39 42.2 31.0 46.6

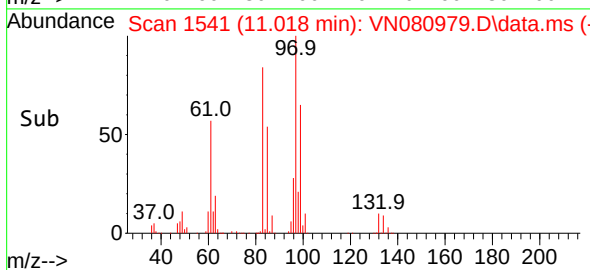
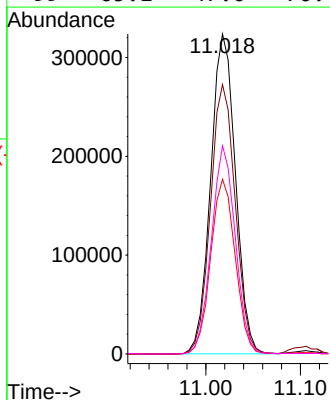
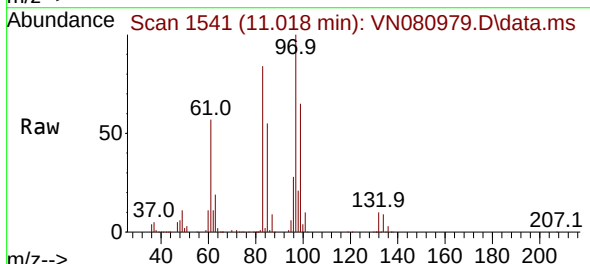
Manual Integrations
APPROVED

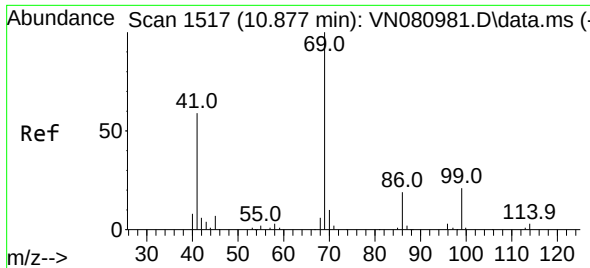
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#50
1,1,2-Trichloroethane
Concen: 96.377 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

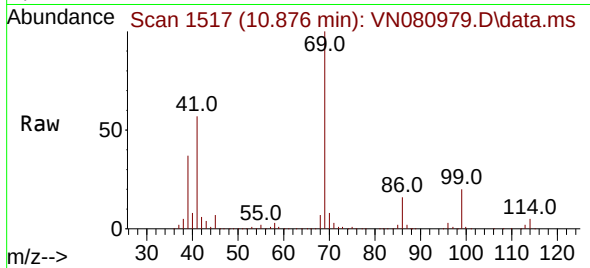
Tgt Ion: 97 Resp: 588311
Ion Ratio Lower Upper
97 100
83 84.2 68.1 102.1
85 54.6 41.8 62.6
99 65.1 47.0 70.4





#51
Ethyl methacrylate
Concen: 101.720 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

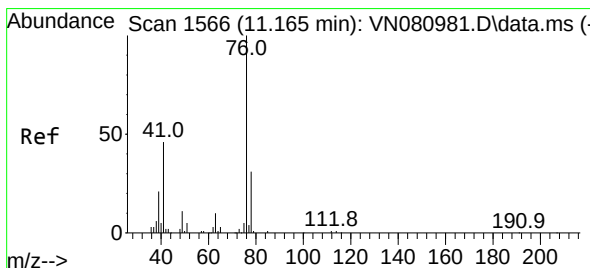
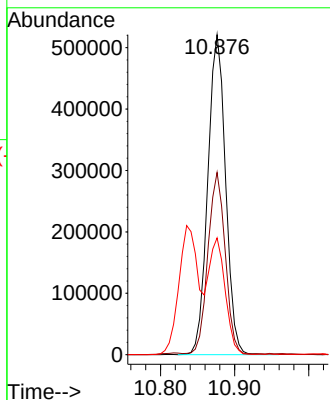
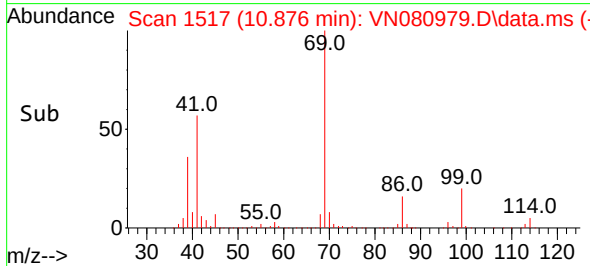
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



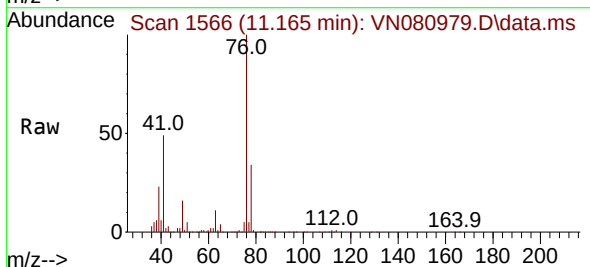
Tgt Ion: 69 Resp: 867823
Ion Ratio Lower Upper
69 100
41 56.6 25.5 76.5
39 36.4 16.0 47.9

Manual Integrations
APPROVED

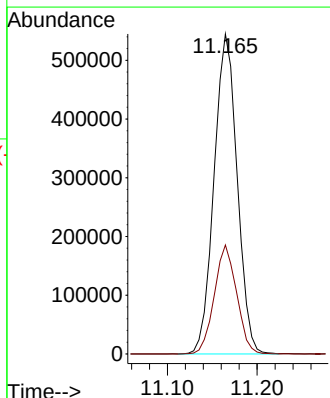
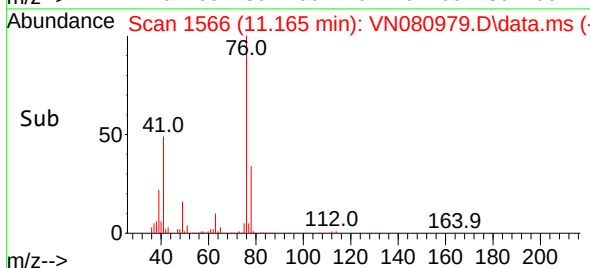
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

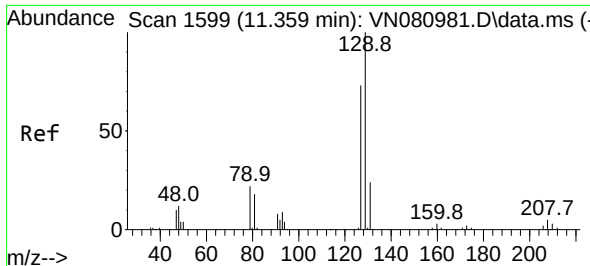


#52
1,3-Dichloropropane
Concen: 96.624 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00



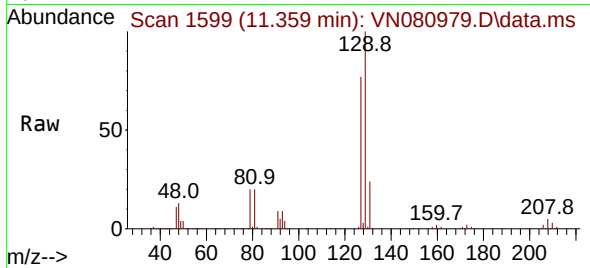
Tgt Ion: 76 Resp: 973994
Ion Ratio Lower Upper
76 100
78 32.9 0.0 65.8





#53
Dibromochloromethane
Concen: 101.123 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

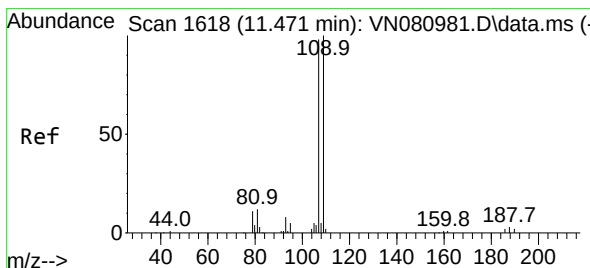
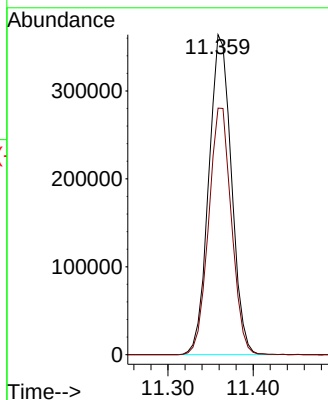
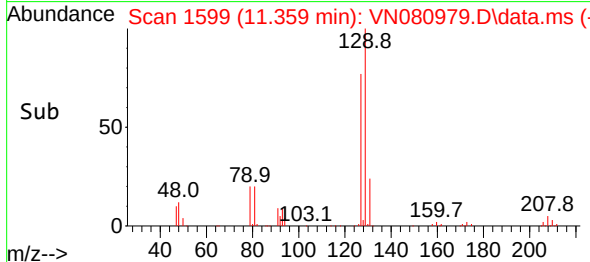
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



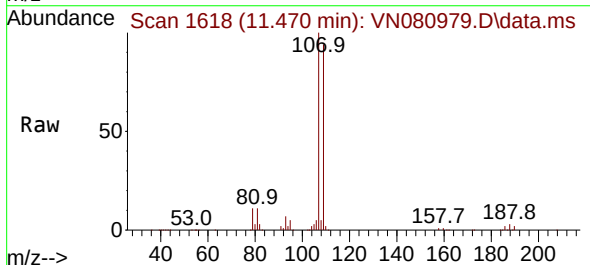
Tgt Ion:129 Resp: 67280
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.1

Manual Integrations
APPROVED

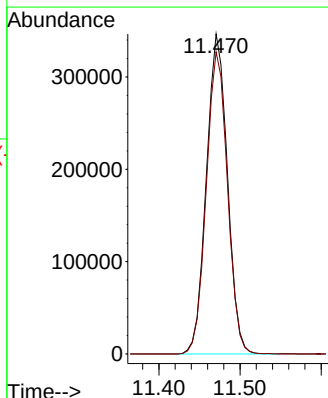
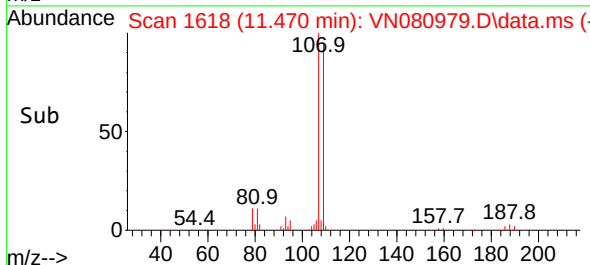
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

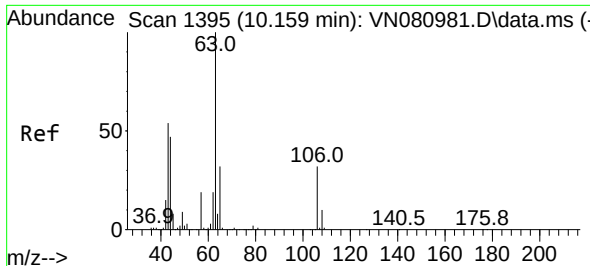


#54
1,2-Dibromoethane
Concen: 98.827 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00



Tgt Ion:107 Resp: 624115
Ion Ratio Lower Upper
107 100
109 94.8 74.7 112.1





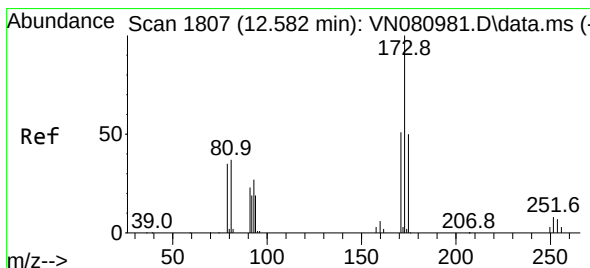
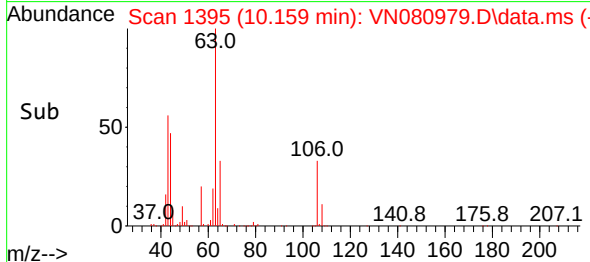
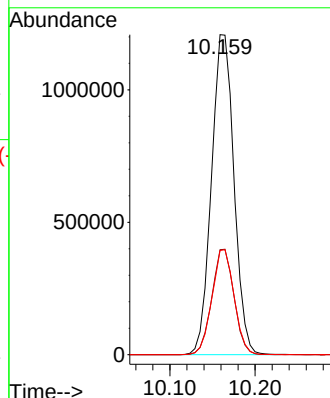
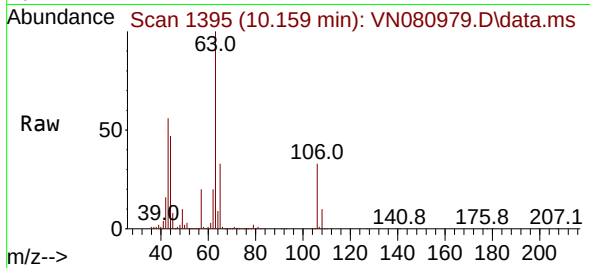
#55
2-Chloroethyl vinyl ether
Concen: 507.726 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 221980
Ion Ratio Lower Upper
63 100
65 32.4 26.2 39.2
106 32.2 23.8 35.8

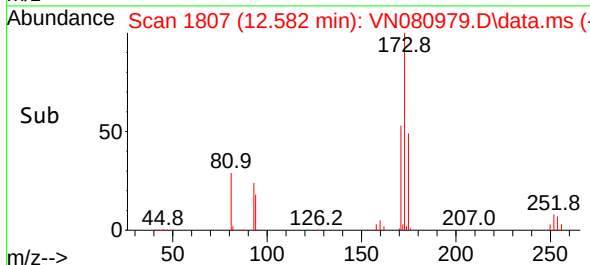
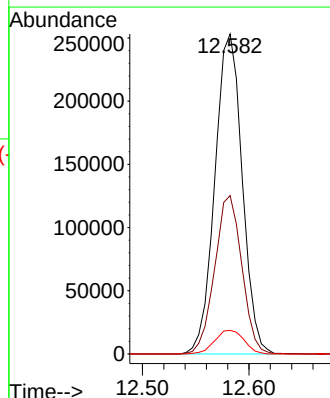
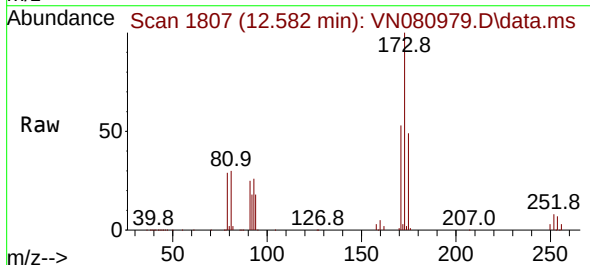
Manual Integrations
APPROVED

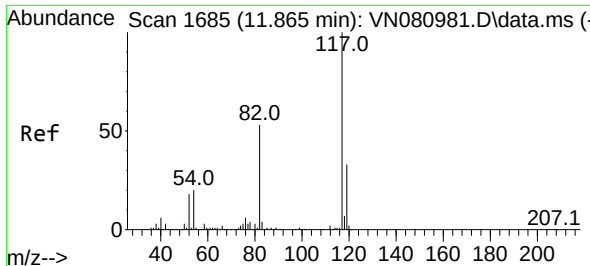
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#56
Bromoform
Concen: 106.455 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

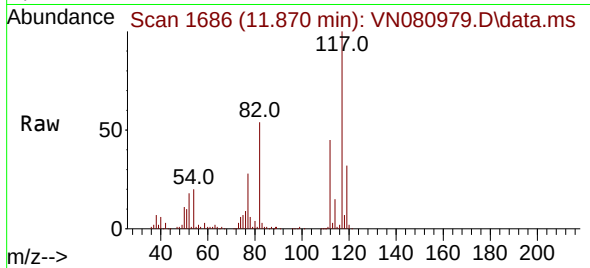
Tgt Ion:173 Resp: 451088
Ion Ratio Lower Upper
173 100
175 49.2 40.0 60.0
254 7.9 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

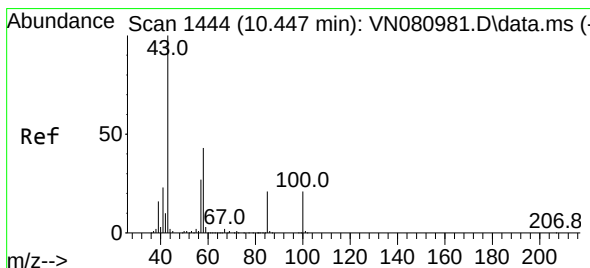
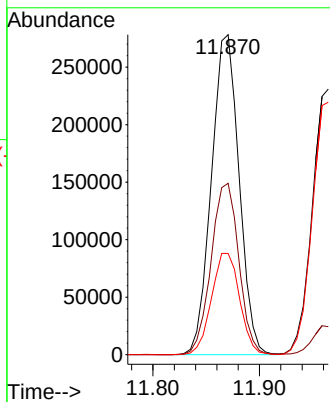
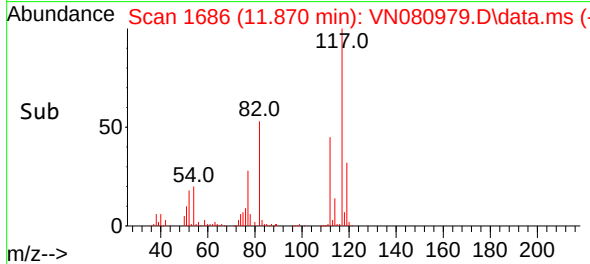
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 50174
Ion Ratio Lower Upper
117 100
82 53.8 46.6 69.8
119 32.3 25.4 38.2

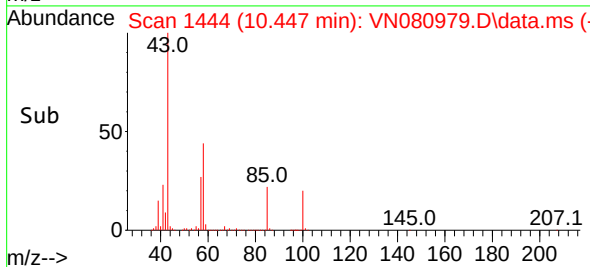
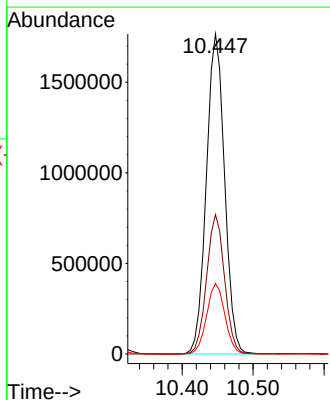
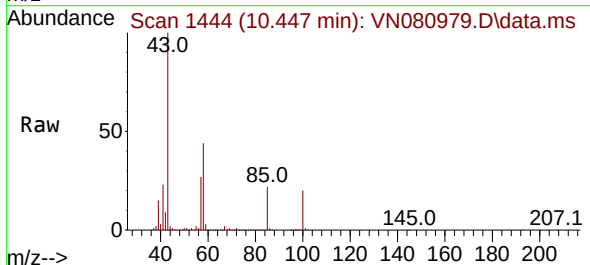
Manual Integrations
APPROVED

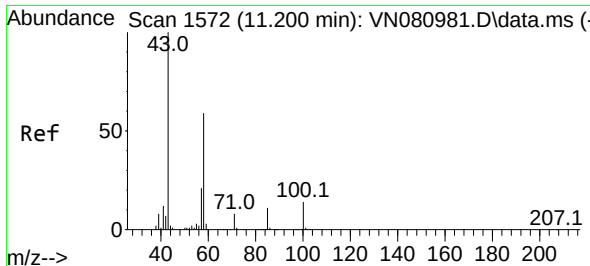
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#58
4-Methyl-2-Pentanone
Concen: 484.454 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

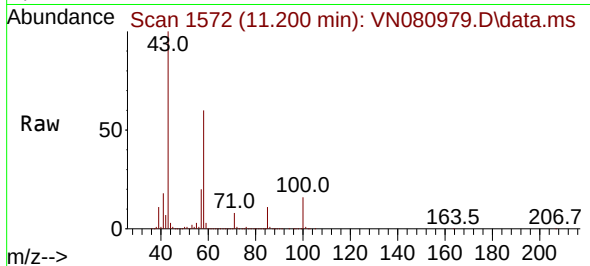
Tgt Ion: 43 Resp: 3155728
Ion Ratio Lower Upper
43 100
58 42.9 36.5 54.7
85 22.0 19.5 29.3





#59
2-Hexanone
Concen: 499.702 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

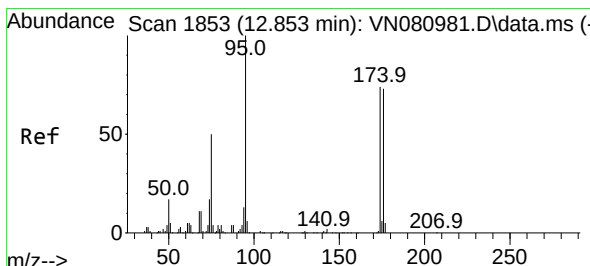
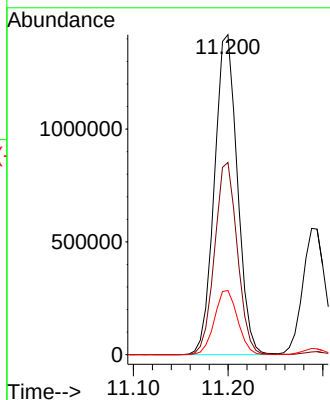
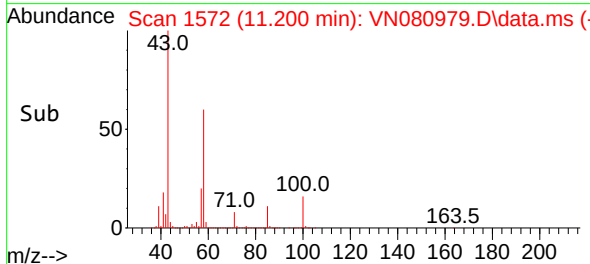
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 2394090
Ion Ratio Lower Upper
43 100
58 59.4 50.4 75.6
57 20.3 18.6 27.8

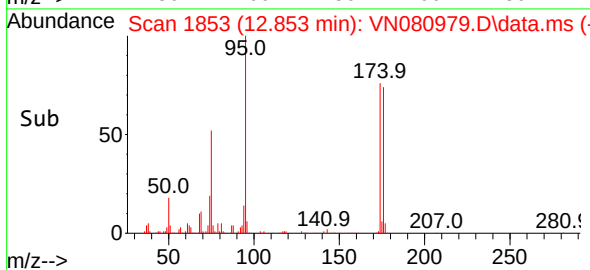
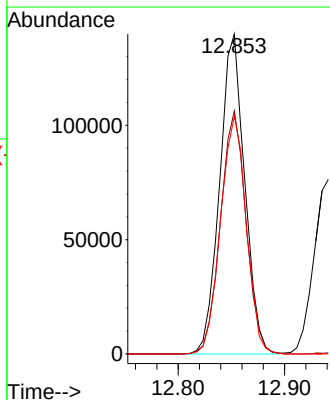
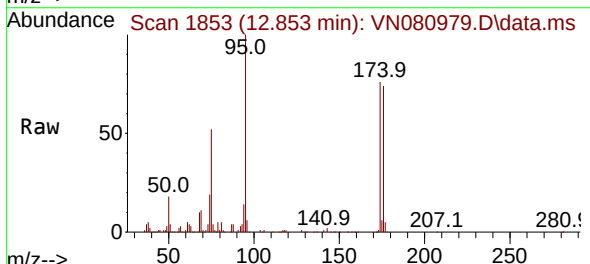
Manual Integrations
APPROVED

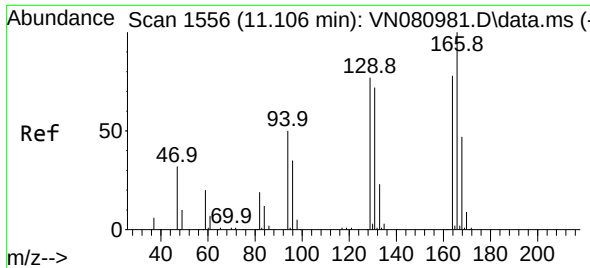
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#60
4-Bromofluorobenzene
Concen: 29.706 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

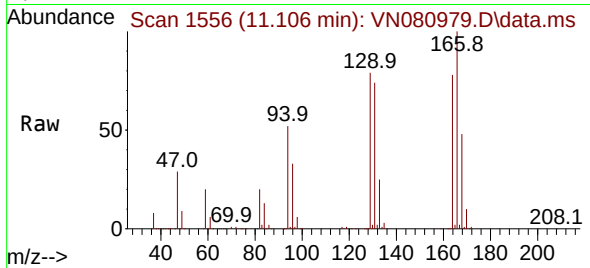
Tgt Ion: 95 Resp: 227860
Ion Ratio Lower Upper
95 100
174 77.3 60.5 90.7
176 76.4 57.8 86.6





#61
Tetrachloroethene
Concen: 94.371 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

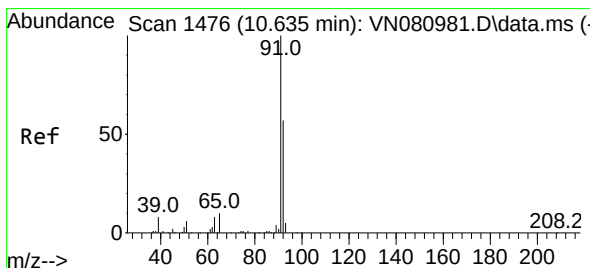
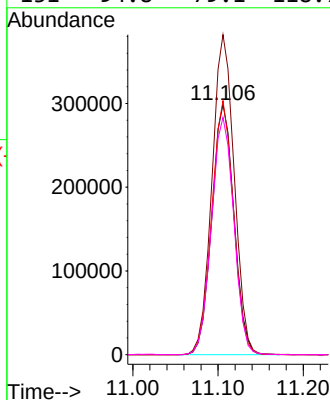
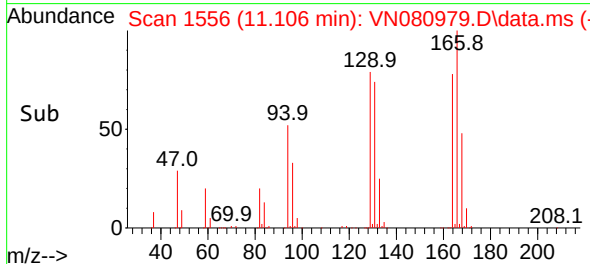
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



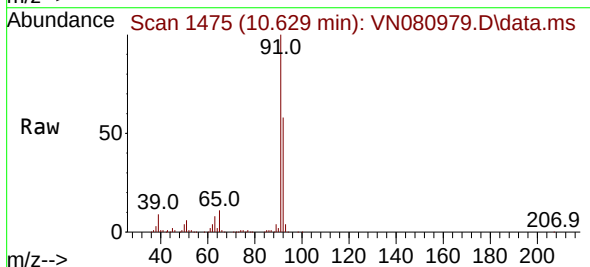
Tgt Ion:164 Resp: 540872
Ion Ratio Lower Upper
164 100
166 127.9 106.7 160.1
129 101.5 85.8 128.6
131 94.8 79.1 118.7

Manual Integrations
APPROVED

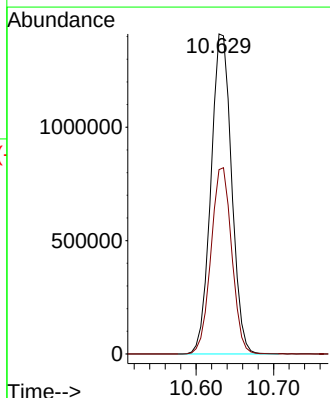
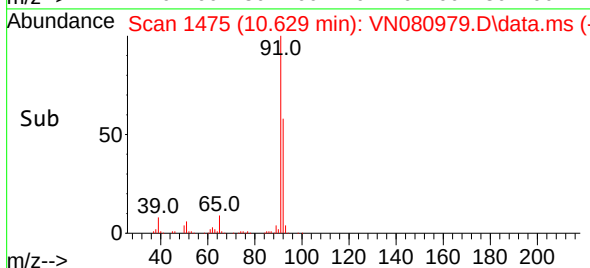
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

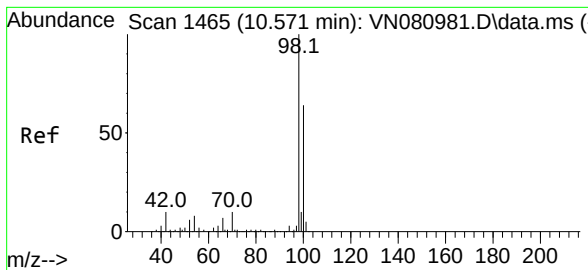


#62
Toluene
Concen: 95.080 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00



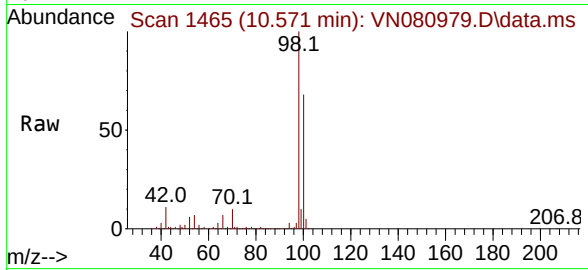
Tgt Ion: 91 Resp: 2613211
Ion Ratio Lower Upper
91 100
92 58.5 46.5 69.7





#63
Toluene-d8
Concen: 29.260 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

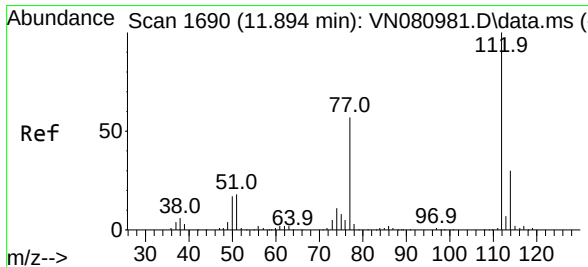
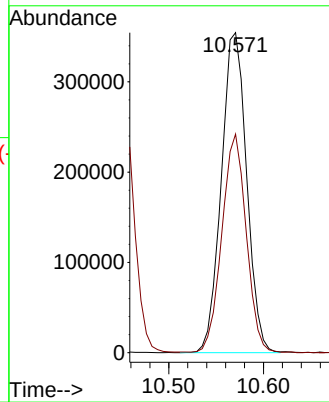
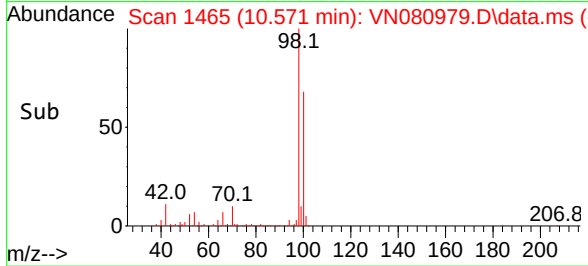
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 98 Resp: 658835
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1

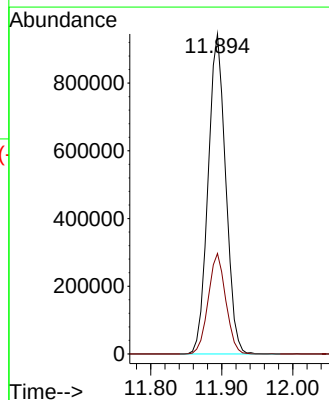
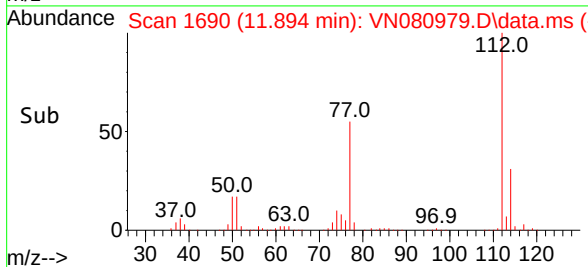
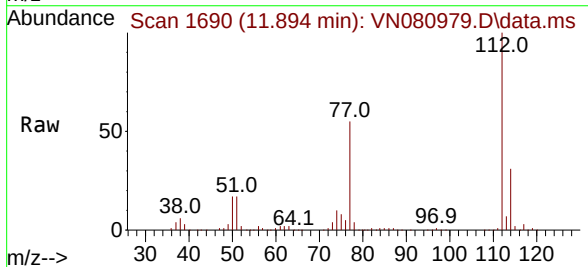
Manual Integrations
APPROVED

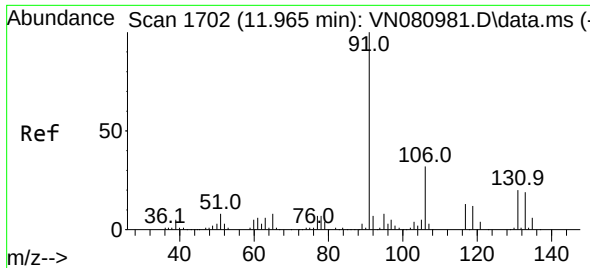
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#64
Chlorobenzene
Concen: 96.327 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

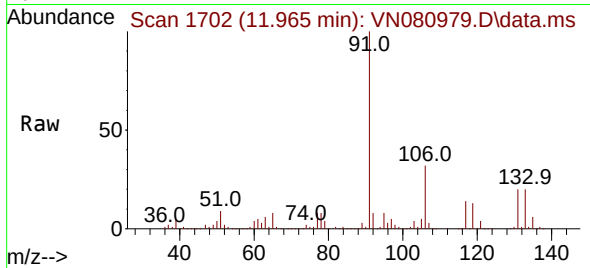
Tgt Ion:112 Resp: 1621507
Ion Ratio Lower Upper
112 100
114 31.4 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 99.171 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

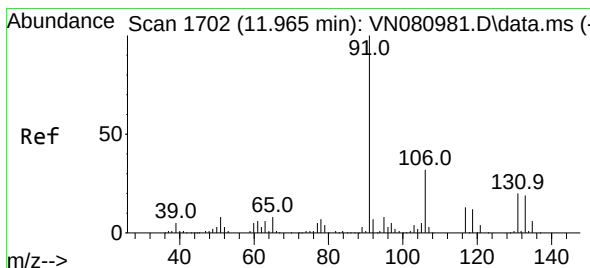
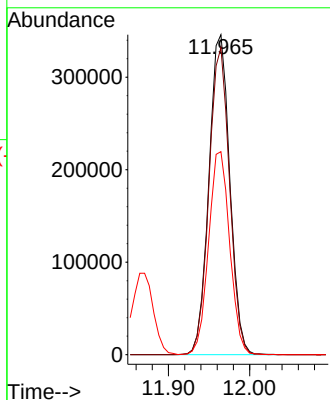
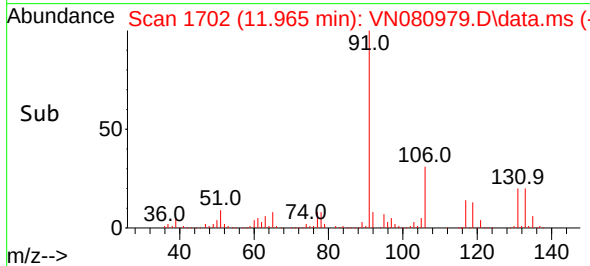
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



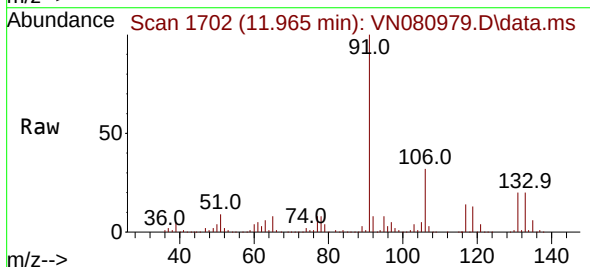
Tgt Ion:131 Resp: 619230
Ion Ratio Lower Upper
131 100
133 94.4 0.0 188.0
119 63.9 0.0 122.8

Manual Integrations
APPROVED

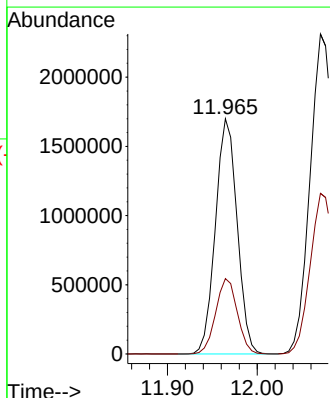
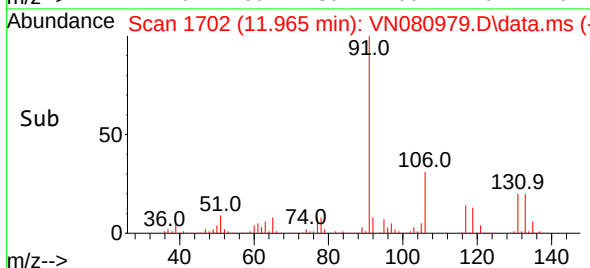
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

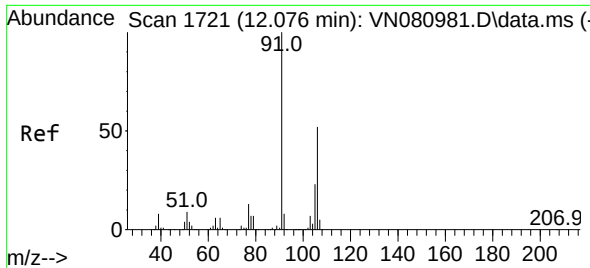


#66
Ethyl Benzene
Concen: 98.776 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00



Tgt Ion: 91 Resp: 2854491
Ion Ratio Lower Upper
91 100
106 32.0 24.4 36.6





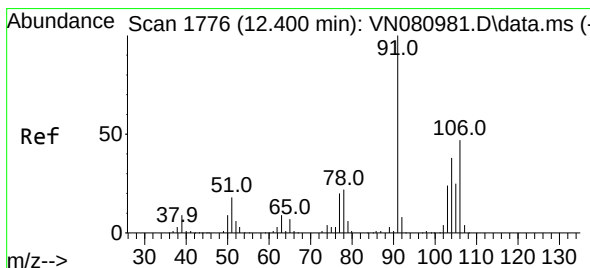
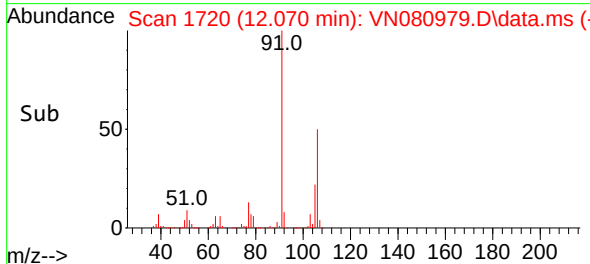
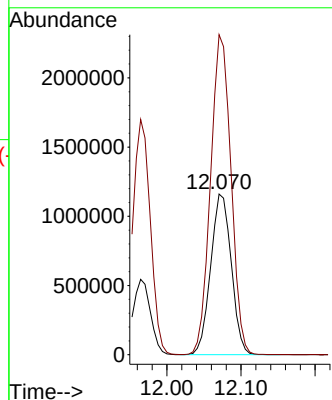
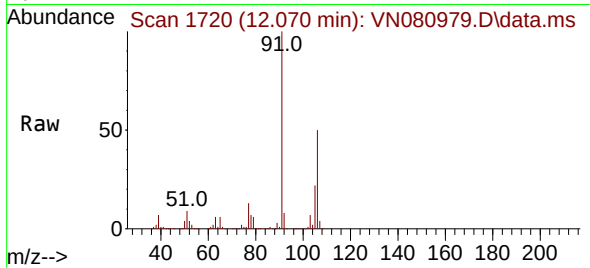
#67
m/p-Xylenes
Concen: 197.159 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 2237510
Ion Ratio Lower Upper
106 100
91 198.0 166.6 249.8

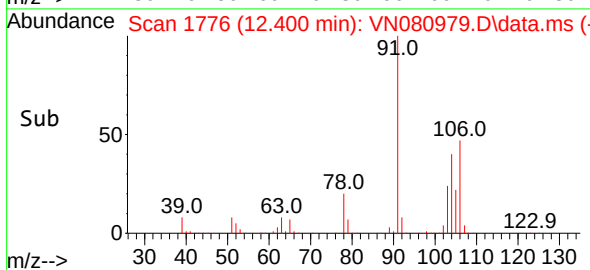
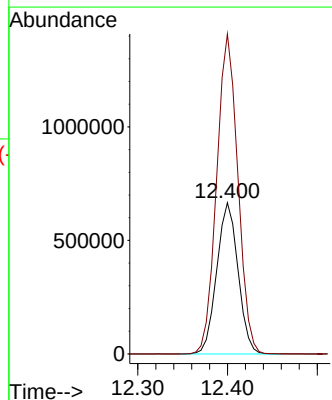
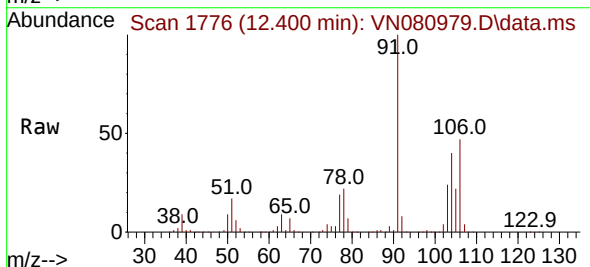
Manual Integrations
APPROVED

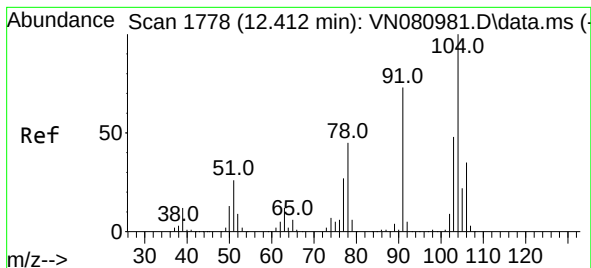
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#68
o-Xylene
Concen: 98.603 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Tgt Ion:106 Resp: 1096638
Ion Ratio Lower Upper
106 100
91 210.7 110.0 330.0





#69

Styrene

Concen: 101.335 ug/l

RT: 12.412 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080979.D

Acq: 09 Feb 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:104 Resp: 1855414

Ion Ratio Lower Upper

104 100

78 47.7 42.6 64.0

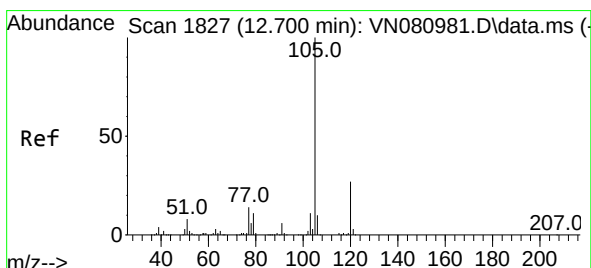
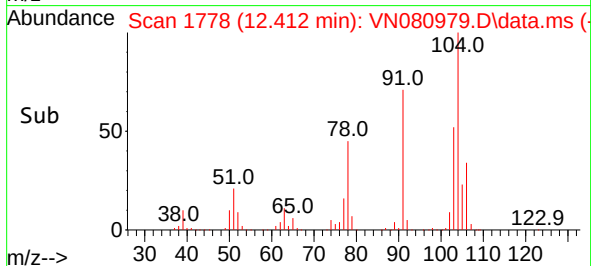
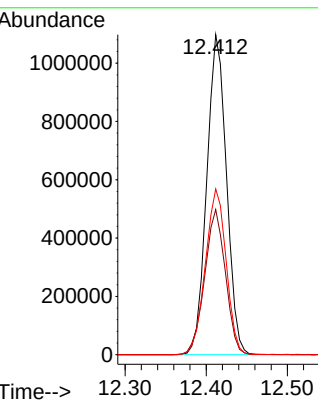
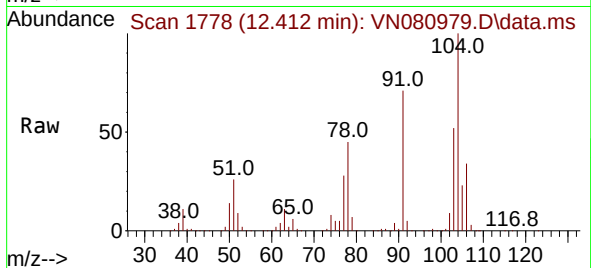
103 54.6 43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#70

Isopropylbenzene

Concen: 99.481 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN080979.D

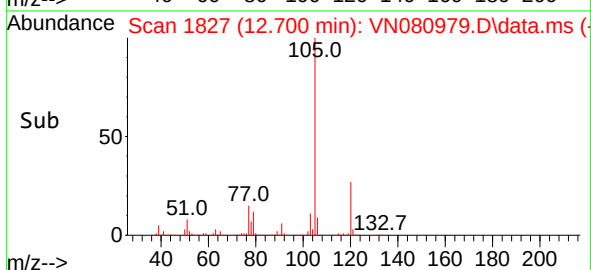
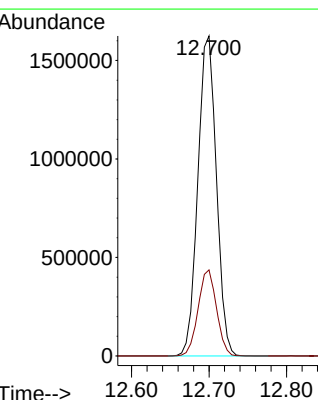
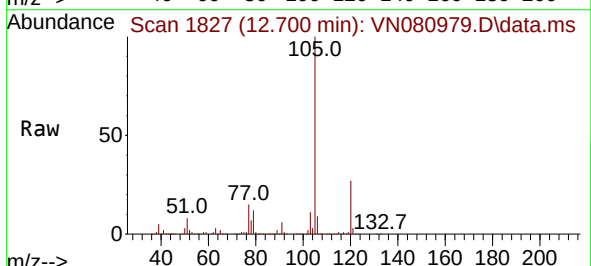
Acq: 09 Feb 2024 10:00

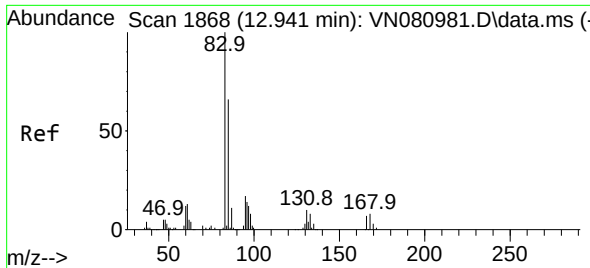
Tgt Ion:105 Resp: 2696356

Ion Ratio Lower Upper

105 100

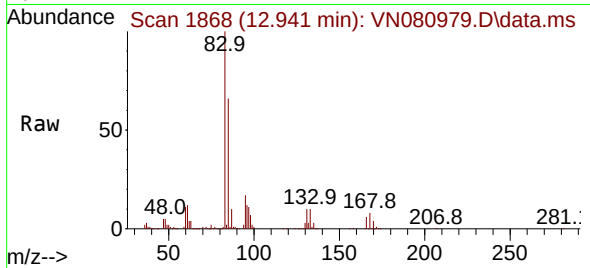
120 26.7 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 94.515 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

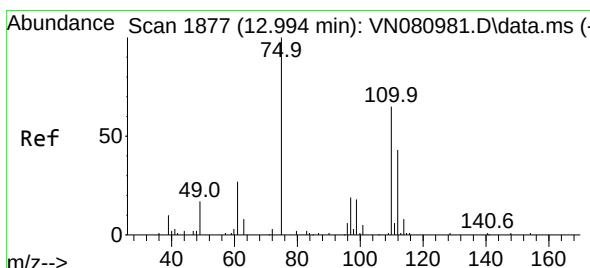
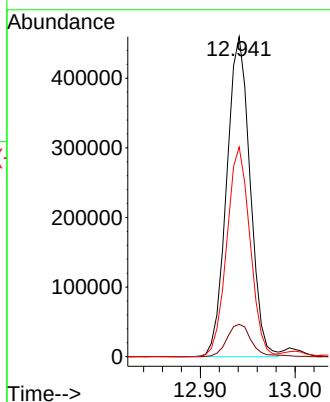
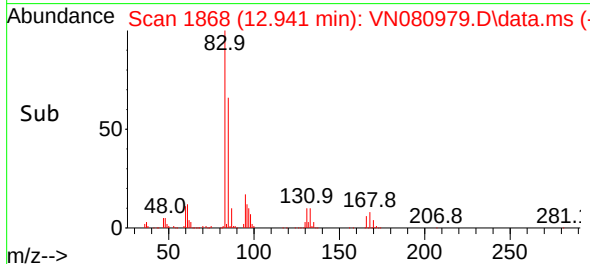
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 789930
Ion Ratio Lower Upper
83 100
131 10.6 5.2 15.6
85 65.1 32.3 96.8

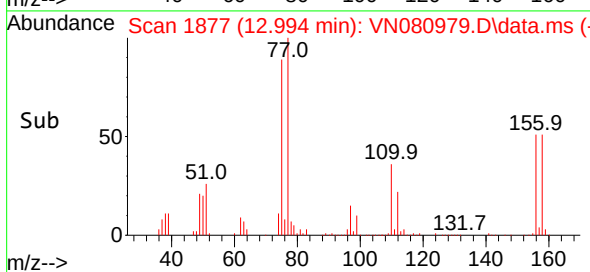
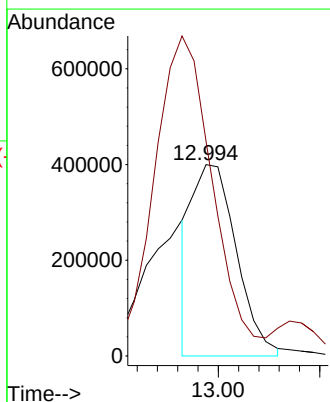
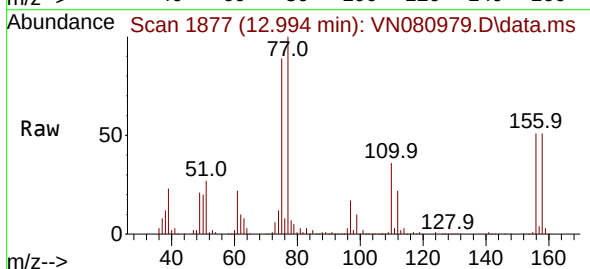
Manual Integrations
APPROVED

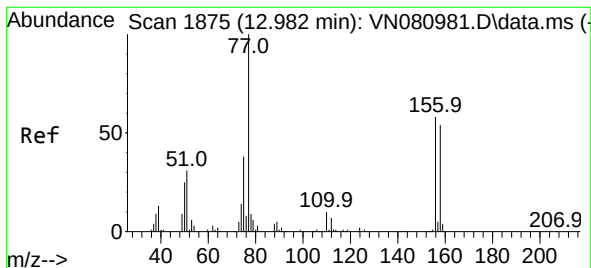
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#72
1,2,3-Trichloropropane
Concen: 94.639 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Tgt Ion: 75 Resp: 604312
Ion Ratio Lower Upper
75 100
77 222.4 0.0 367.6





#73

Bromobenzene

Concen: 98.878 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080979.D

Acq: 09 Feb 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

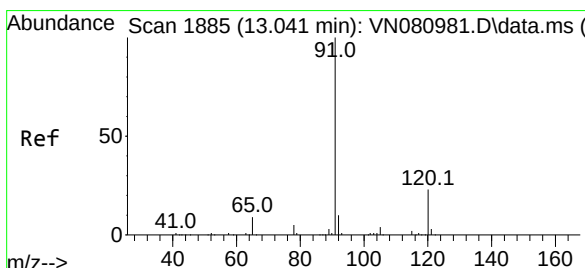
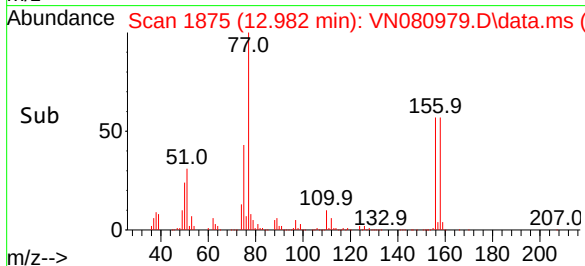
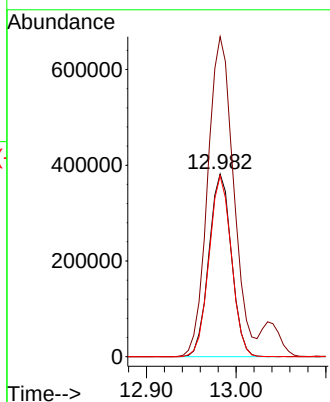
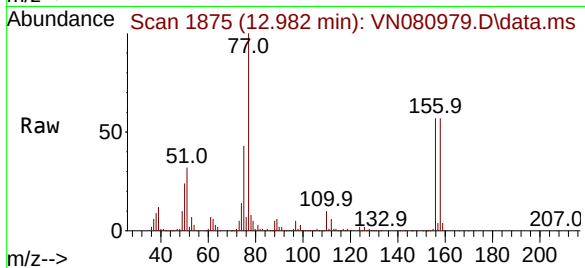
Tgt Ion:	156	Resp:	66645
Ion Ratio	Lower	Upper	
156	100		
77	201.6	0.0	437.6
158	97.8	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#74

n-propylbenzene

Concen: 100.217 ug/l

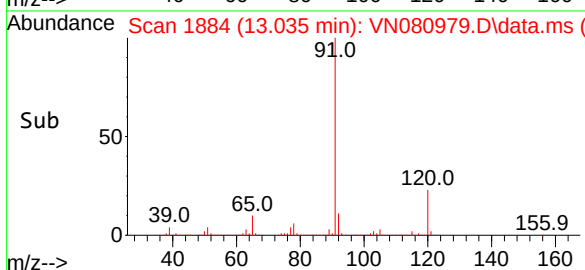
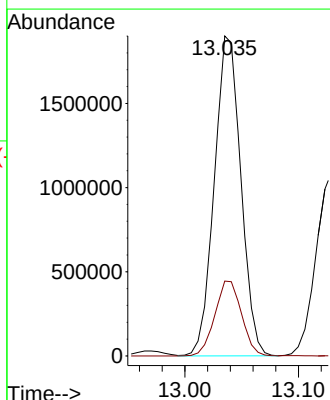
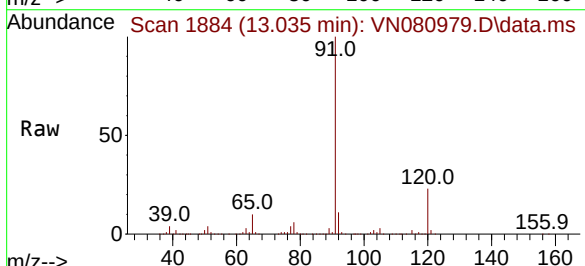
RT: 13.035 min Scan# 1884

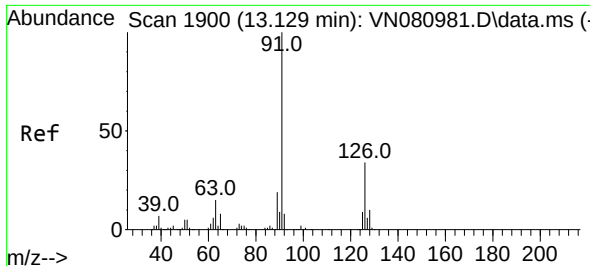
Delta R.T. -0.006 min

Lab File: VN080979.D

Acq: 09 Feb 2024 10:00

Tgt Ion:	91	Resp:	3087046
Ion Ratio	Lower	Upper	
91	100		
120	23.5	0.0	43.8





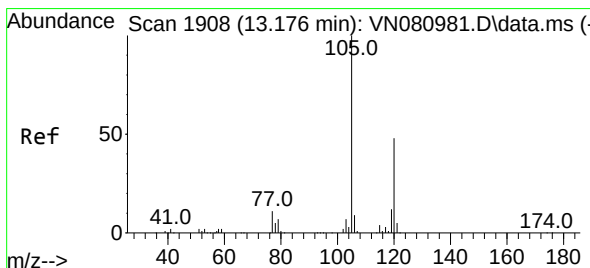
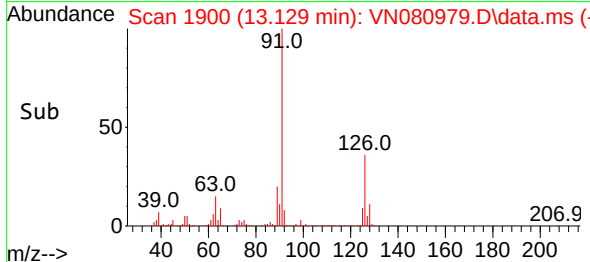
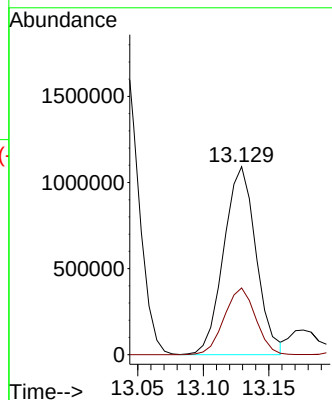
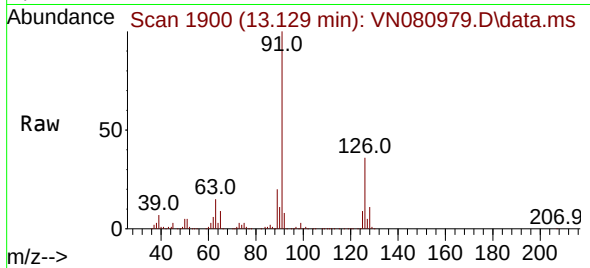
#75
2-Chlorotoluene
Concen: 97.997 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1873928
Ion Ratio Lower Upper
91 100
126 34.4 0.0 61.2

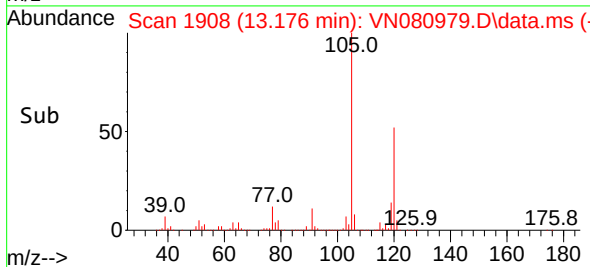
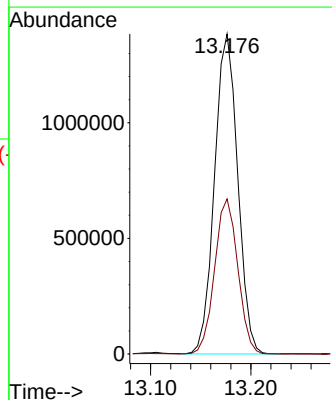
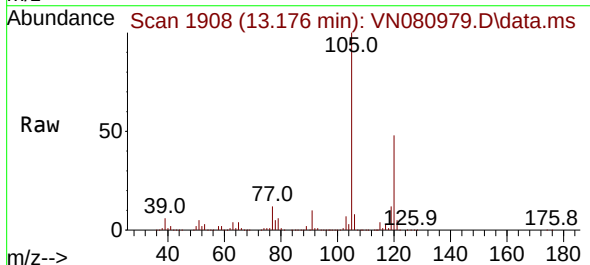
Manual Integrations
APPROVED

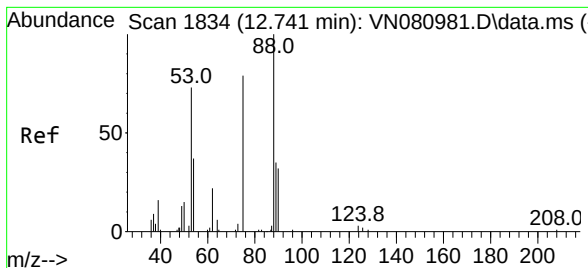
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 100.174 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

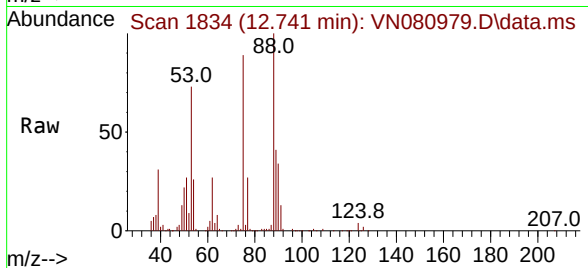
Tgt Ion:105 Resp: 2221571
Ion Ratio Lower Upper
105 100
120 48.5 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 111.853 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

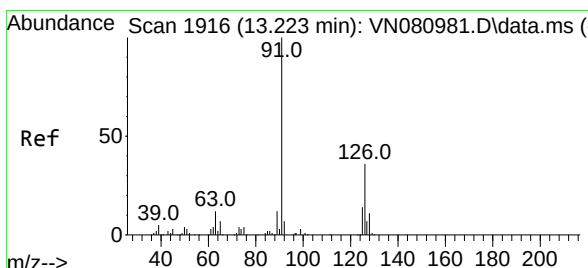
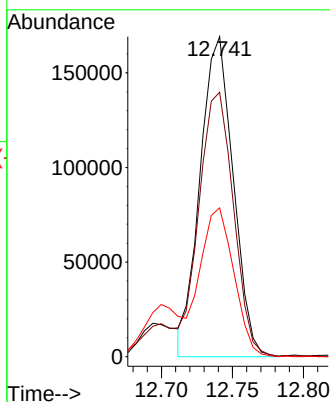
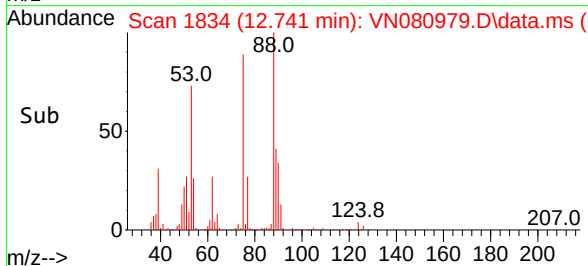
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 274509
Ion Ratio Lower Upper
75 100
53 82.6 45.9 137.7
89 46.6 25.9 77.7

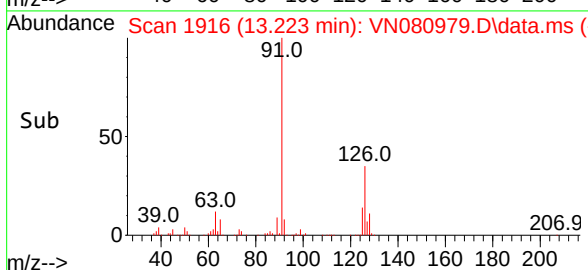
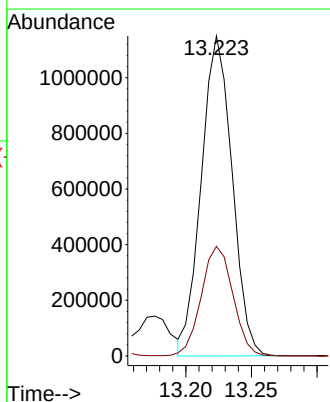
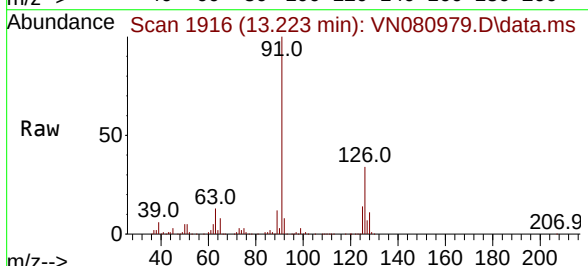
Manual Integrations
APPROVED

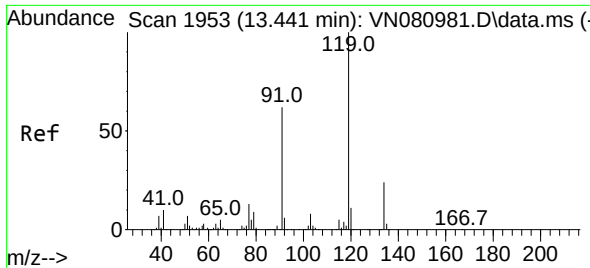
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#78
4-Chlorotoluene
Concen: 98.122 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Tgt Ion: 91 Resp: 1879292
Ion Ratio Lower Upper
91 100
126 35.2 0.0 62.8





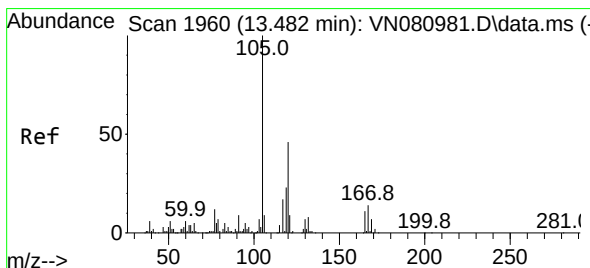
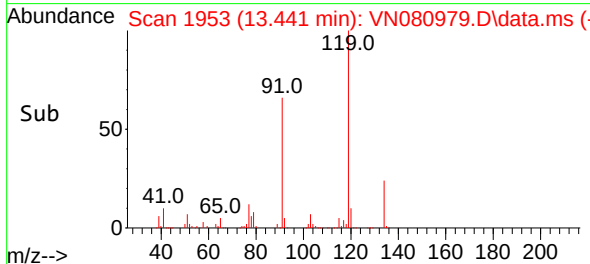
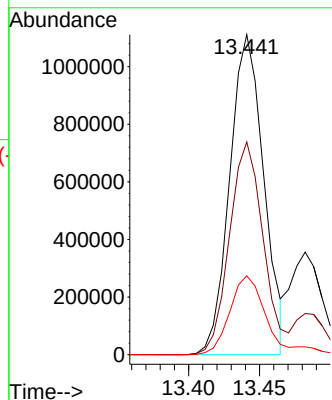
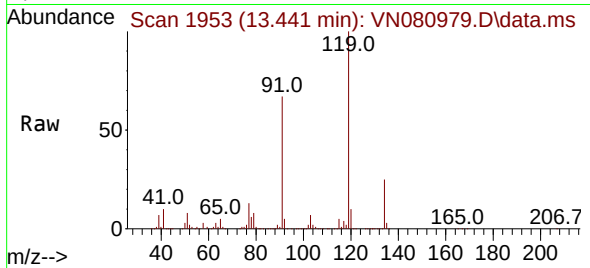
#79
tert-butylbenzene
Concen: 100.534 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 1850783
Ion Ratio Lower Upper
119 100
91 66.4 0.0 138.8
134 24.9 0.0 48.6

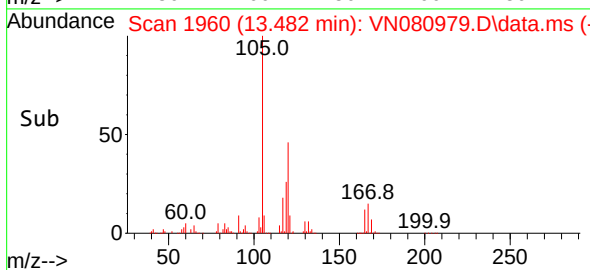
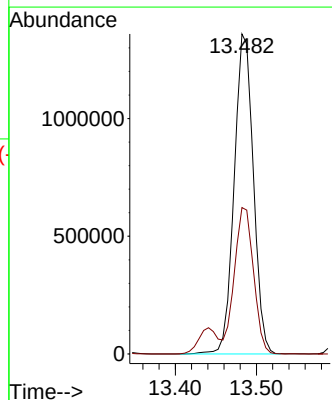
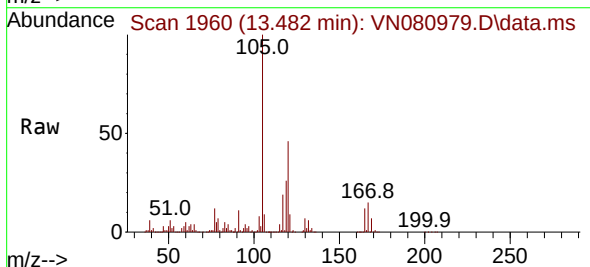
Manual Integrations
APPROVED

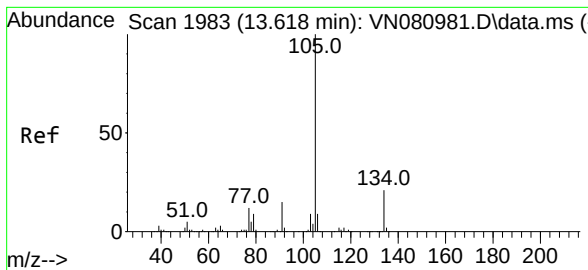
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#80
1,2,4-Trimethylbenzene
Concen: 100.877 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Tgt Ion:105 Resp: 2229003
Ion Ratio Lower Upper
105 100
120 45.4 0.0 86.8





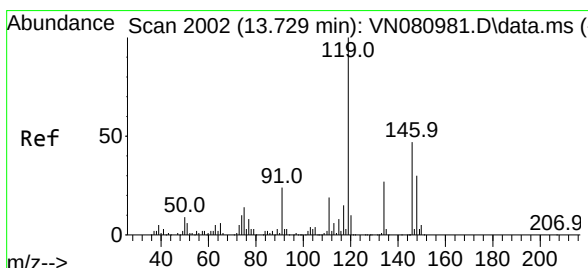
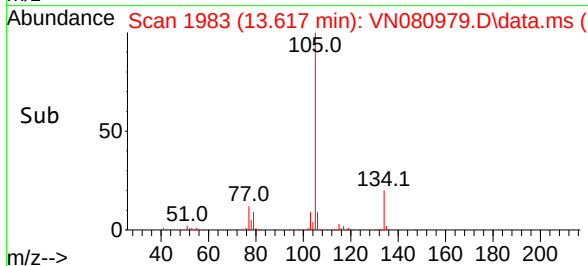
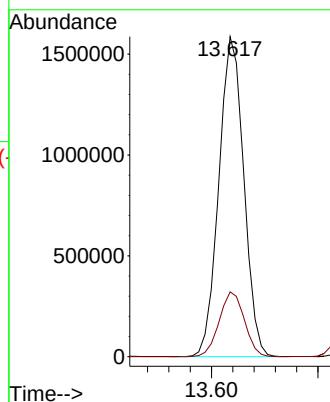
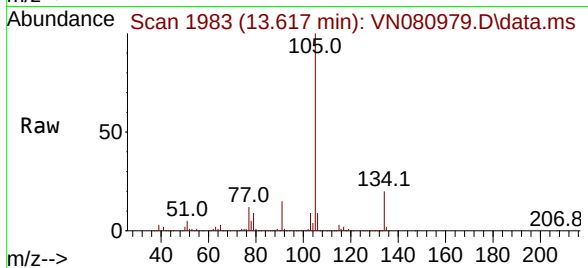
#81
 sec-Butylbenzene
 Concen: 99.979 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080979.D
 Acq: 09 Feb 2024 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 2577478
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 39.0

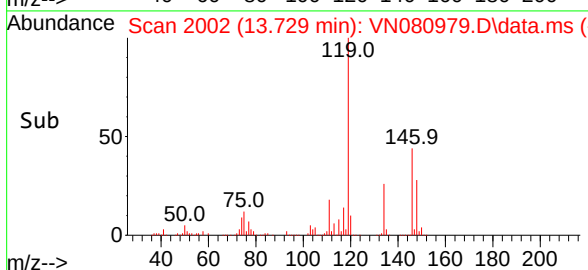
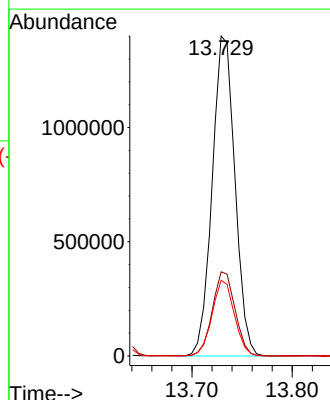
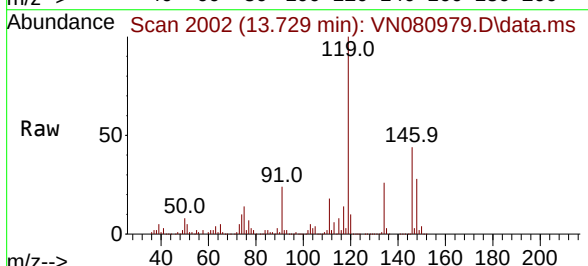
Manual Integrations
 APPROVED

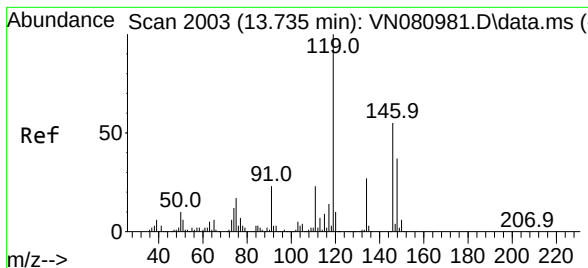
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#82
 p-Isopropyltoluene
 Concen: 102.023 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080979.D
 Acq: 09 Feb 2024 10:00

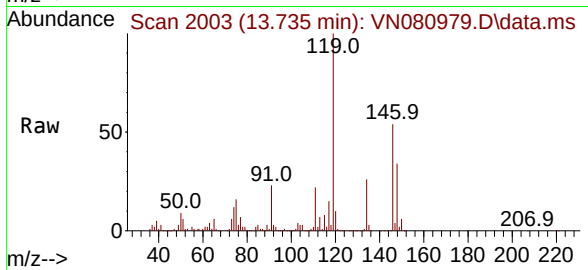
Tgt Ion:119 Resp: 2208094
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 49.2
 91 23.2 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 99.670 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

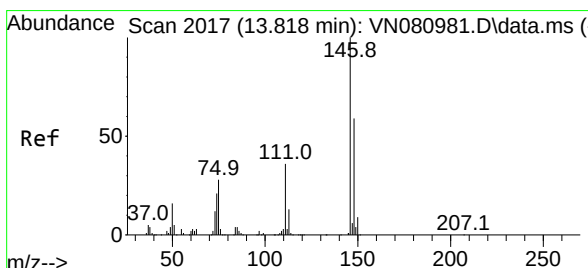
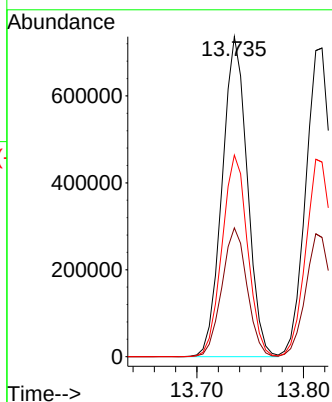
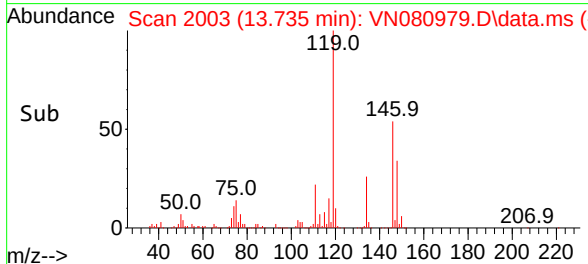
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



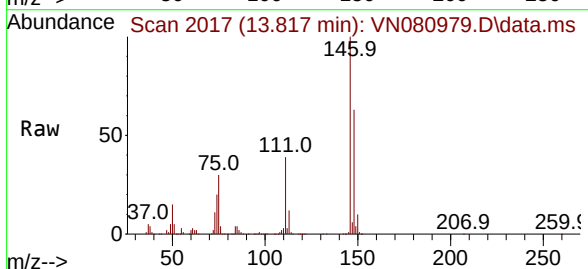
Tgt Ion:146 Resp: 120828
Ion Ratio Lower Upper
146 100
111 40.2 22.4 67.0
148 63.9 32.1 96.5

Manual Integrations
APPROVED

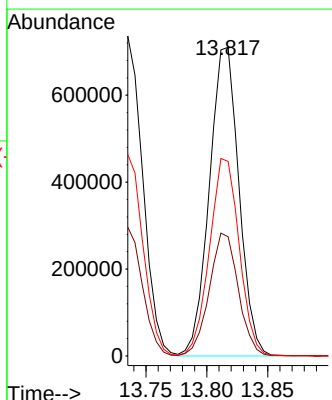
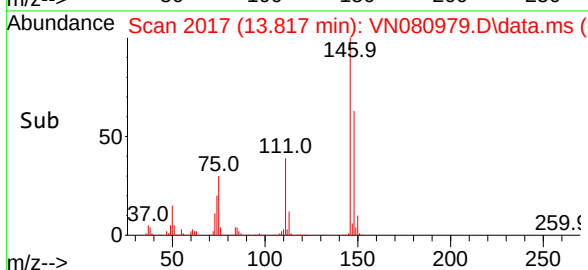
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

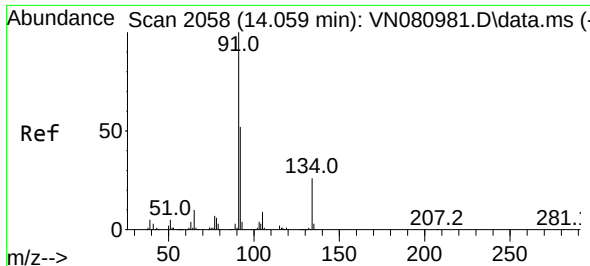


#84
1,4-Dichlorobenzene
Concen: 98.955 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00



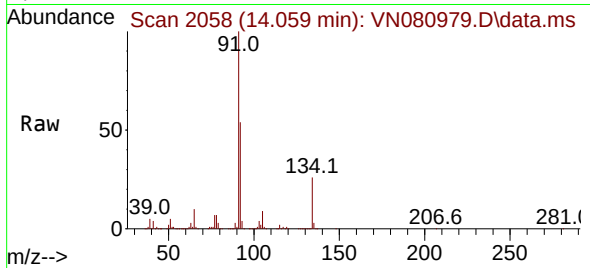
Tgt Ion:146 Resp: 1204130
Ion Ratio Lower Upper
146 100
111 38.8 21.3 63.9
148 64.1 31.9 95.5





#85
n-Butylbenzene
Concen: 104.012 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

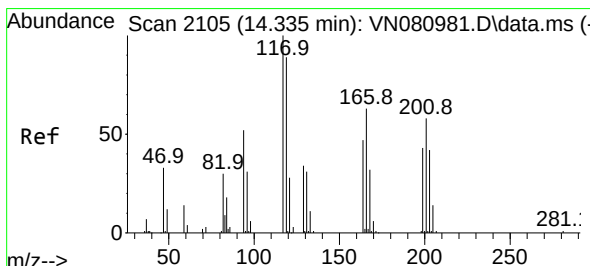
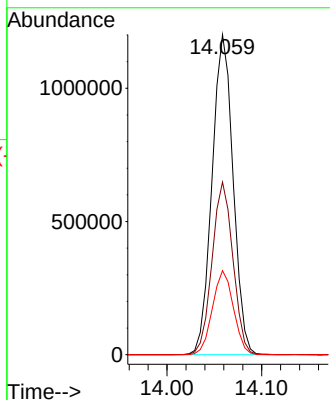
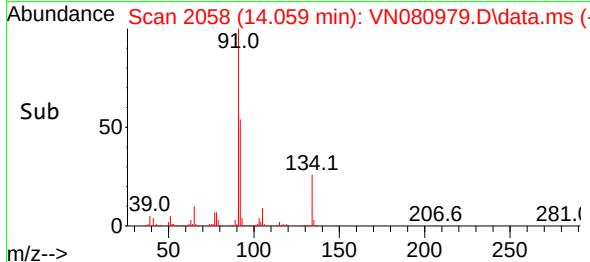
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 185740
Ion Ratio Lower Upper
91 100
92 53.5 0.0 105.0
134 26.2 0.0 51.8

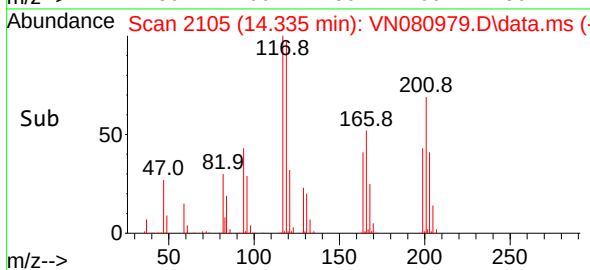
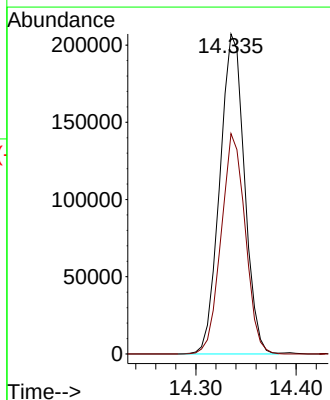
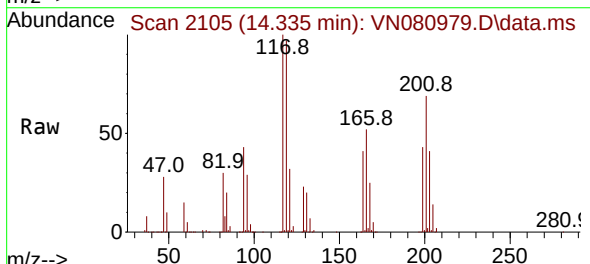
Manual Integrations
APPROVED

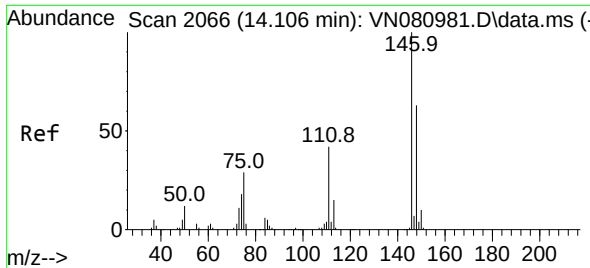
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#86
Hexachloroethane
Concen: 103.756 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Tgt Ion:117 Resp: 354208
Ion Ratio Lower Upper
117 100
201 67.3 38.0 114.0





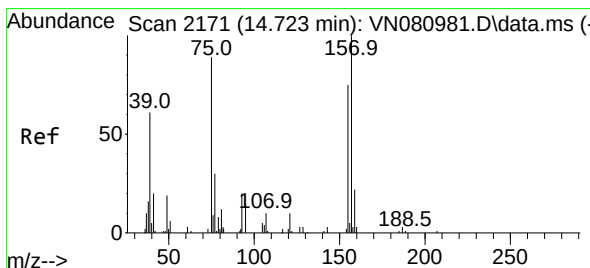
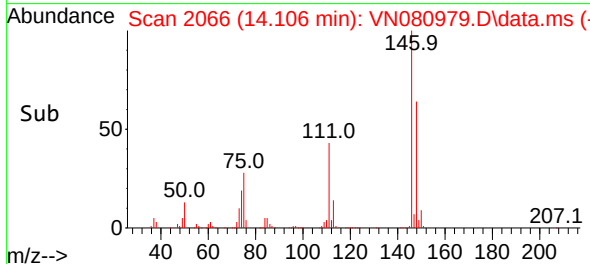
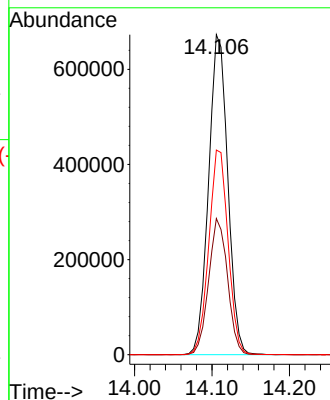
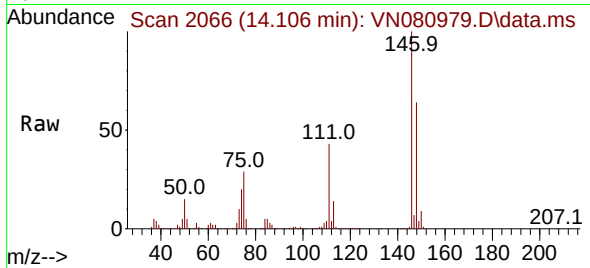
#87
1,2-Dichlorobenzene
Concen: 98.070 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 1157489
Ion Ratio Lower Upper
146 100
111 42.0 22.6 67.8
148 64.2 31.3 93.8

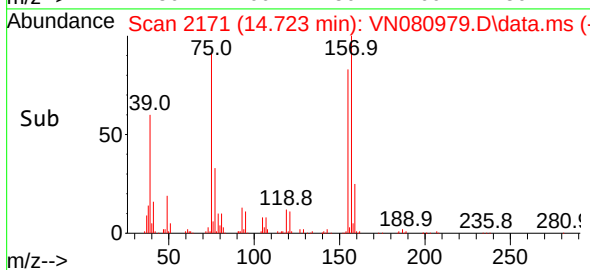
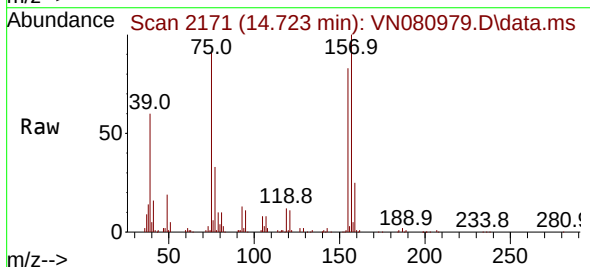
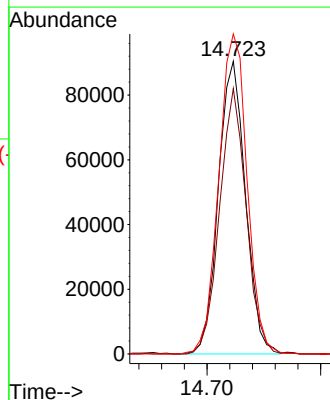
Manual Integrations
APPROVED

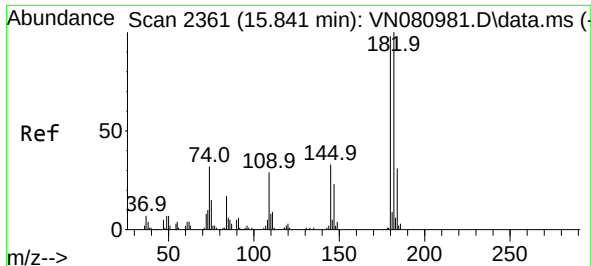
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 99.599 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

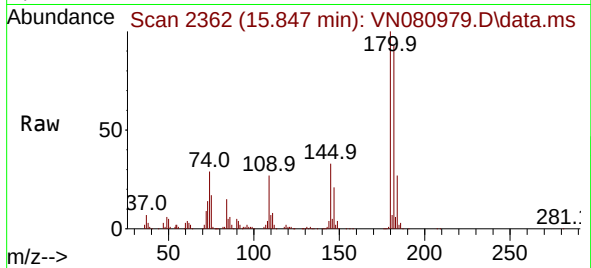
Tgt Ion: 75 Resp: 150249
Ion Ratio Lower Upper
75 100
155 88.4 61.7 92.5
157 114.3 83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 101.956 ug/l
RT: 15.847 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

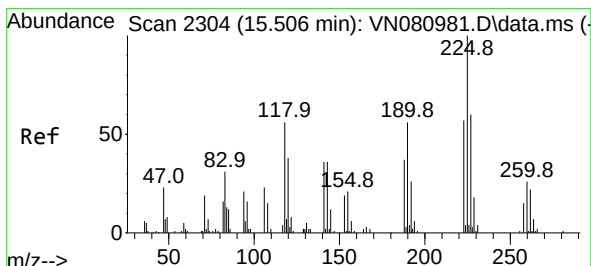
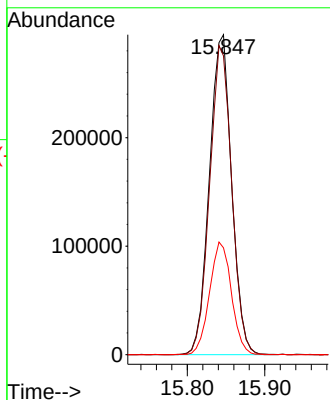
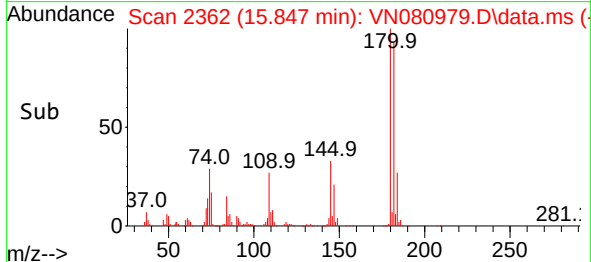
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



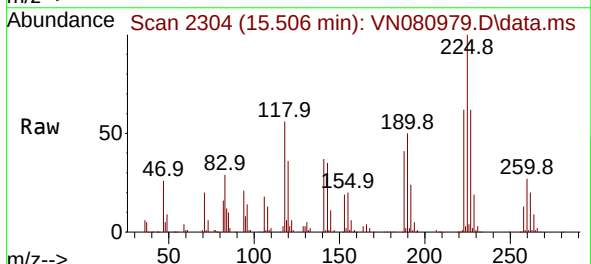
Tgt Ion:180 Resp: 588690
Ion Ratio Lower Upper
180 100
182 95.7 76.4 114.6
145 34.6 28.4 42.6

Manual Integrations
APPROVED

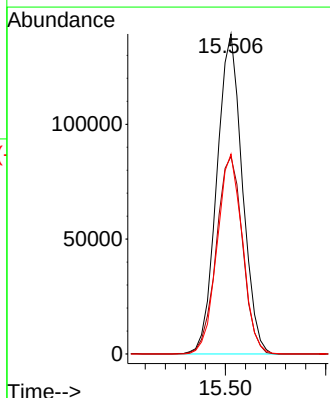
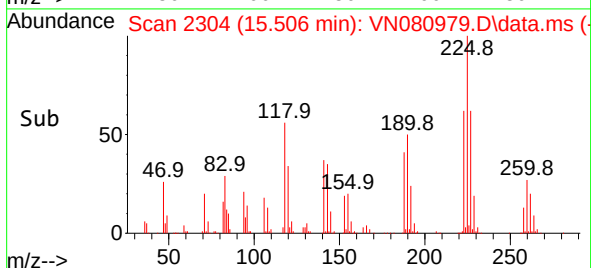
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

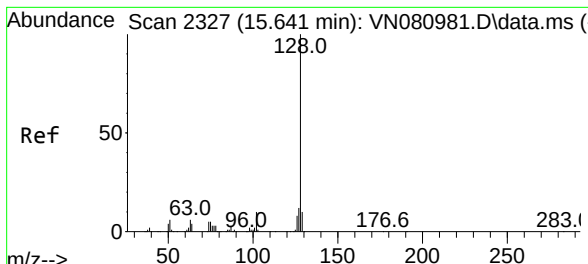


#90
Hexachlorobutadiene
Concen: 97.143 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00



Tgt Ion:225 Resp: 246089
Ion Ratio Lower Upper
225 100
223 63.6 0.0 126.6
227 61.9 0.0 126.6





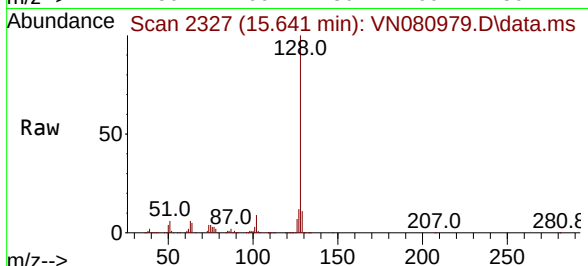
#91
Naphthalene
Concen: 105.808 ug/l
RT: 15.641 min Scan# 216928
Delta R.T. -0.000 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



Tgt Ion:128 Resp: 216928

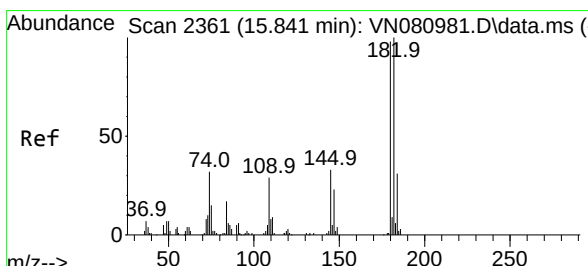
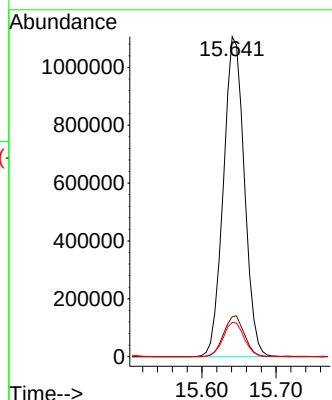
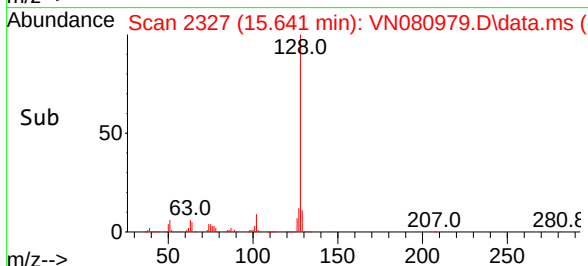
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	10.8	8.6	13.0

Manual Integrations

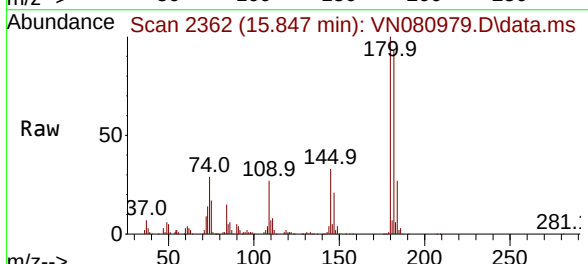
APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#92
1,2,3-Trichlorobenzene
Concen: 101.956 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080979.D
Acq: 09 Feb 2024 10:00



Tgt Ion:180 Resp: 588696

Ion	Ratio	Lower	Upper
180	100		
182	95.7	0.0	191.0
145	34.6	0.0	71.0

