

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041024\
 Data File : VN081681.D
 Acq On : 10 Apr 2024 14:25
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/11/2024
 Supervised By : Mahesh Dadoda 04/11/2024

Quant Time: Apr 11 09:08:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:07:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	31494	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	223495	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	293883	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	113154	29.246	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.500%		
60) 4-Bromofluorobenzene	12.853	95	178862	30.956	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	103.200%		
63) Toluene-d8	10.571	98	351199	29.792	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	435509	98.964	ug/l	98
3) Chloromethane	2.359	50	342994	89.835	ug/l	97
4) Vinyl Chloride	2.512	62	401532	102.274	ug/l	100
5) Bromomethane	2.942	94	308940	92.916	ug/l	97
6) Chloroethane	3.118	64	308132	100.275	ug/l	95
7) Trichlorofluoromethane	3.512	101	464792m	72.083	ug/l	
8) Diethyl Ether	3.959	74	250222	104.083	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	431283	97.521	ug/l	71
10) 1,1-Dichloroethene	4.336	96	412586	106.781	ug/l	96
11) Methyl Iodide	4.589	142	541287	117.779	ug/l	94
12) Methyl Acetate	5.024	43	374945m	100.790	ug/l	
13) Acrolein	4.177	56	245960	501.486	ug/l	98
14) Acrylonitrile	5.718	53	945259	509.925	ug/l	98
15) Acetone	4.430	58	206107	504.283	ug/l	94
16) Carbon Disulfide	4.712	76	1137705	98.654	ug/l	97
17) Allyl chloride	5.024	41	501967	102.315	ug/l	92
18) Methylene Chloride	5.277	84	458788	98.242	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	446583	100.414	ug/l	87
20) Diisopropyl ether	6.671	45	1228153	104.804	ug/l	95
21) 1,1-Dichloroethane	6.565	63	778899	100.018	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	549045	102.231	ug/l	93
23) tert-Butyl Alcohol	5.524	59	341157	518.432	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	1336952	105.404	ug/l	97
25) Chloroform	7.965	83	876845	98.958	ug/l	99
26) Cyclohexane	8.259	56	655884	105.058	ug/l #	86
29) 1,1-Dichloropropene	8.371	75	600006	102.116	ug/l	98
30) 2-Butanone	7.483	43	1122144	500.068	ug/l	97
31) 2,2-Dichloropropane	7.489	77	727112	99.350	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	799670	98.748	ug/l	98
33) Carbon Tetrachloride	8.365	117	713282	97.172	ug/l	97
34) Benzene	8.606	78	1877320	99.184	ug/l	98
35) Methacrylonitrile	7.777	41	249424	98.132	ug/l	90
36) 1,2-Dichloroethane	8.671	62	594562	95.768	ug/l	100
37) Trichloroethene	9.353	130	498963	99.619	ug/l	96
38) Methylcyclohexane	9.606	83	744973	103.733	ug/l	94
39) 1,2-Dichloropropane	9.624	63	432384	97.918	ug/l	100
40) Dibromomethane	9.712	93	343425	97.635	ug/l	97
41) Bromodichloromethane	9.888	83	709072	98.855	ug/l	100
42) Vinyl Acetate	6.600	43	4954734	530.031	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	504749	101.751	ug/l	99
44) Isopropyl Acetate	8.688	43	841710	101.576	ug/l	98
45) 1,4-Dioxane	9.694	88	197062	2154.292	ug/l	91
46) Methyl methacrylate	9.683	41	371514	99.698	ug/l	92
47) n-amyl Acetate	12.494	43	796820	107.163	ug/l	94
48) t-1,3-Dichloropropene	10.835	75	718314	105.113	ug/l	95
49) cis-1,3-Dichloropropene	10.312	75	762061	103.553	ug/l	94
50) 1,1,2-Trichloroethane	11.018	97	461965	98.084	ug/l	96
51) Ethyl methacrylate	10.877	69	715068	109.036	ug/l	95
52) 1,3-Dichloropropane	11.165	76	759995	98.445	ug/l	99
53) Dibromochloromethane	11.359	129	576445	102.457	ug/l	97
54) 1,2-Dibromoethane	11.471	107	490658	100.784	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	1770475	549.760	ug/l	98
56) Bromoform	12.582	173	377460	104.921	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	2584240	511.334	ug/l	95
59) 2-Hexanone	11.200	43	1945185	512.494	ug/l	95
61) Tetrachloroethene	11.106	164	545937	100.254	ug/l	95
62) Toluene	10.630	91	2145755	100.360	ug/l	100
64) Chlorobenzene	11.894	112	1377663	101.617	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	490860	99.672	ug/l	98
66) Ethyl Benzene	11.965	91	2416432	106.301	ug/l	97
67) m/p-Xylenes	12.071	106	1905691	211.640	ug/l	95
68) o-Xylene	12.400	106	923991	108.093	ug/l	94
69) Styrene	12.412	104	1572679	108.029	ug/l	96
70) Isopropylbenzene	12.700	105	2367546	107.358	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	568366	98.663	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	550377m	67.745	ug/l	
73) Bromobenzene	12.982	156	565006	103.397	ug/l	90
74) n-propylbenzene	13.035	91	2809761	106.381	ug/l	98
75) 2-Chlorotoluene	13.129	91	1630782	103.695	ug/l	92
76) 1,3,5-Trimethylbenzene	13.176	105	1996019	106.638	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	239401	108.392	ug/l	96
78) 4-Chlorotoluene	13.223	91	1632463	104.656	ug/l	93
79) tert-butylbenzene	13.441	119	1728299	108.533	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	1992046	106.716	ug/l	96
81) sec-Butylbenzene	13.618	105	2485276	108.218	ug/l	99
82) p-Isopropyltoluene	13.729	119	2104443	109.262	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	1068296	104.608	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	1034309	104.627	ug/l	98
85) n-Butylbenzene	14.059	91	1814670	111.854	ug/l	100
86) Hexachloroethane	14.335	117	389065	105.736	ug/l	87
87) 1,2-Dichlorobenzene	14.106	146	1015746	104.493	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	129994	103.513	ug/l	94
89) 1,2,4-Trichlorobenzene	15.841	180	590596	110.087	ug/l	100
90) Hexachlorobutadiene	15.500	225	219538	102.821	ug/l	99
91) Naphthalene	15.641	128	2011986	117.456	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	590596	110.847	ug/l	100

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

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ClientSampleId :

VSTDICC100

Manual Integrations

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Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024

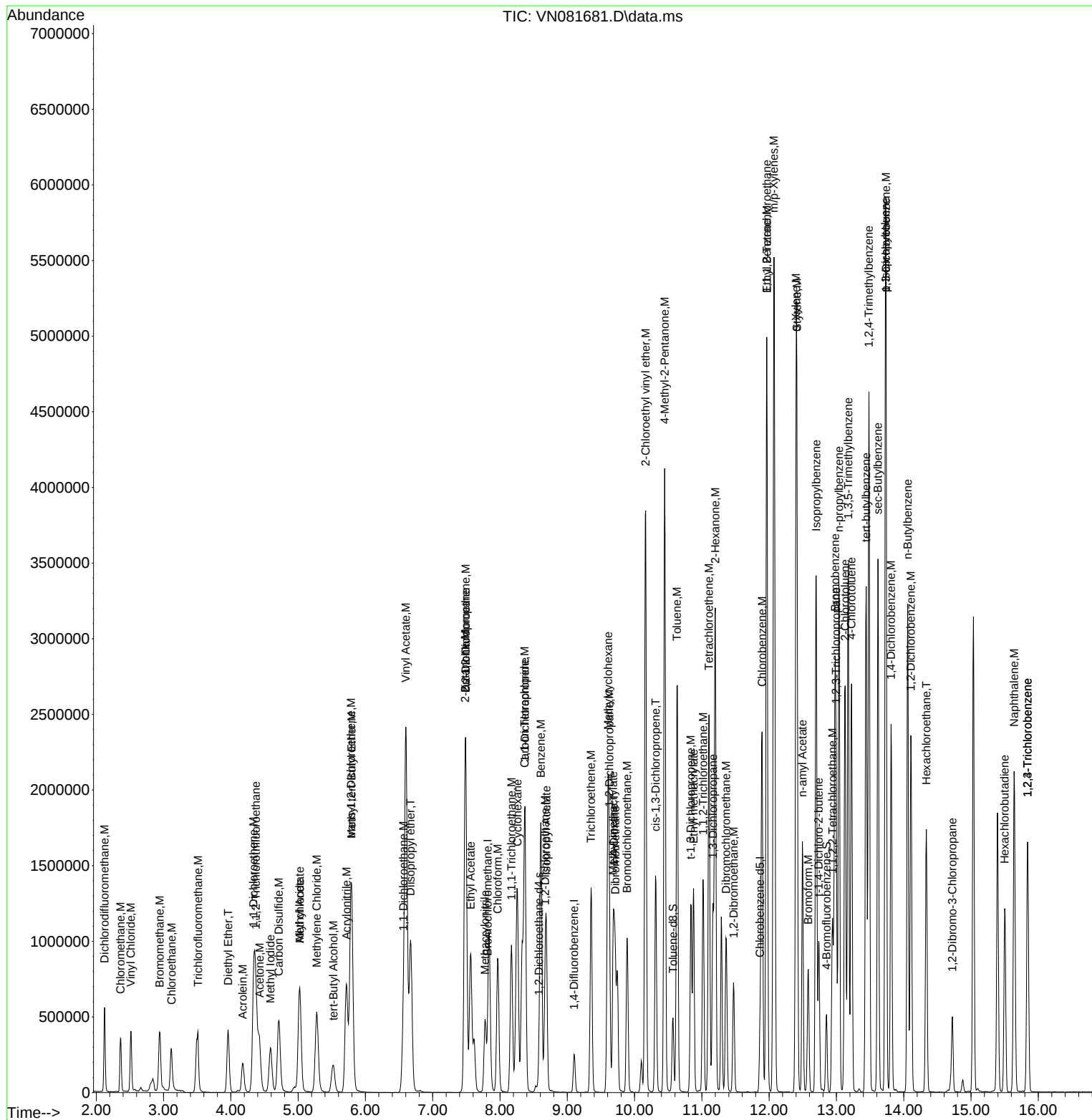
Quant Time: Apr 11 09:08:34 2024

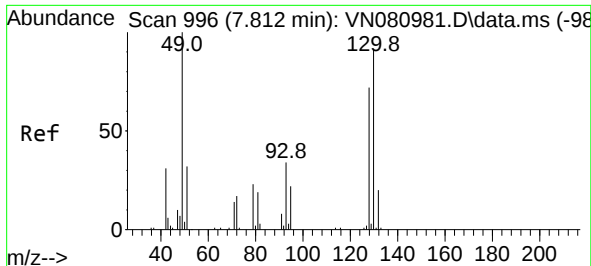
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Thu Apr 11 09:07:06 2024

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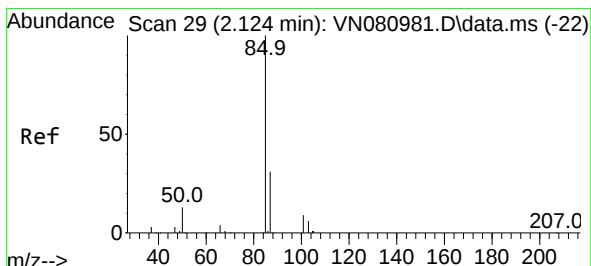
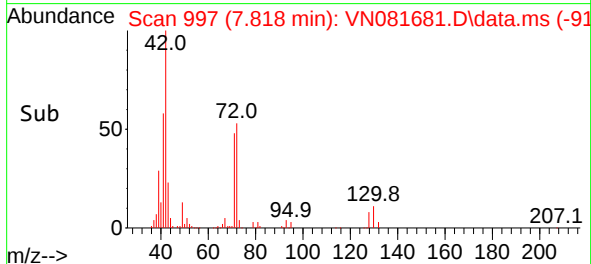
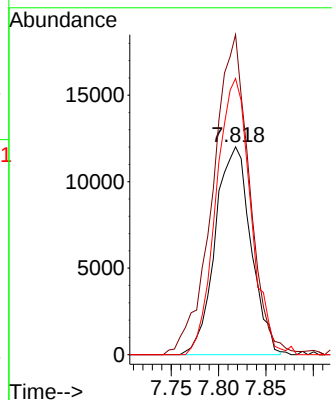
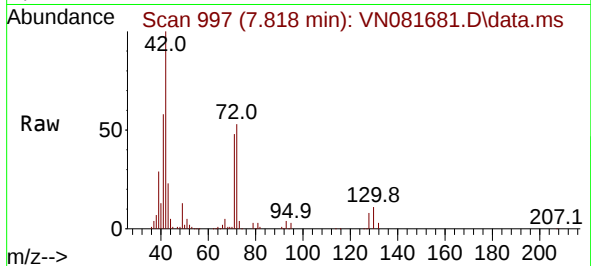
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 31494
Ion Ratio Lower Upper
128 100
49 158.7 0.0 403.7
130 128.5 0.0 323.3

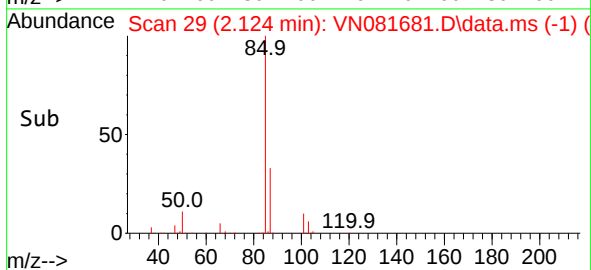
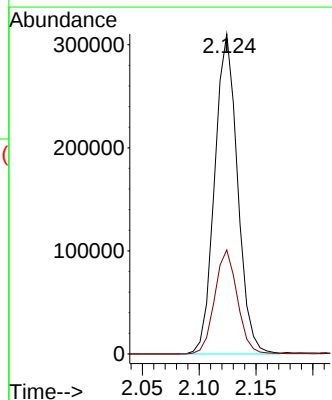
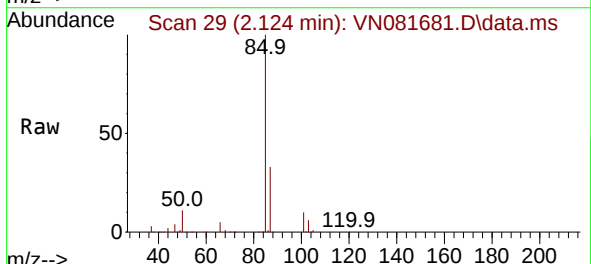
Manual Integrations
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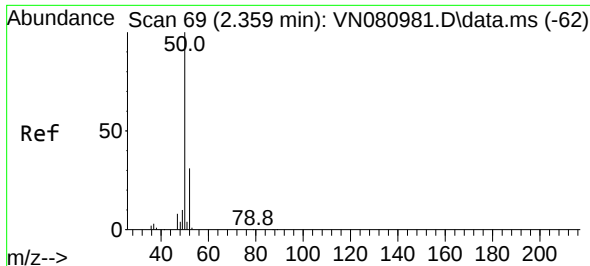
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#2
Dichlorodifluoromethane
Concen: 98.964 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

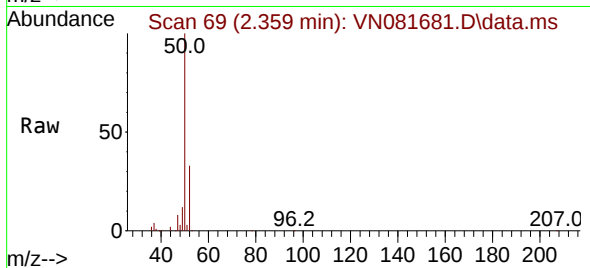
Tgt Ion: 85 Resp: 435509
Ion Ratio Lower Upper
85 100
87 32.5 16.8 50.3





#3
Chloromethane
Concen: 89.835 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

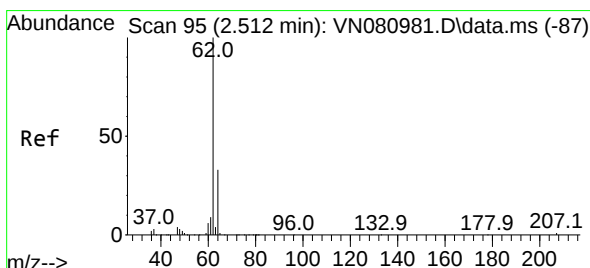
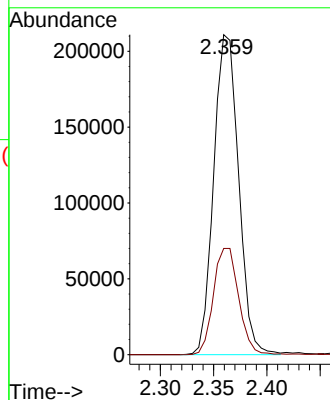
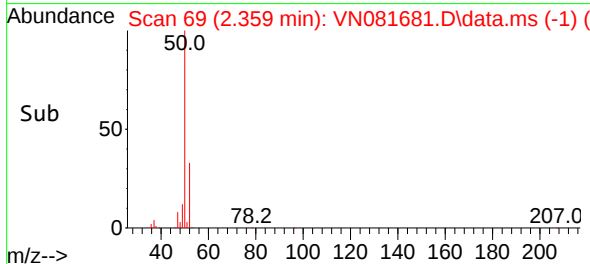
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



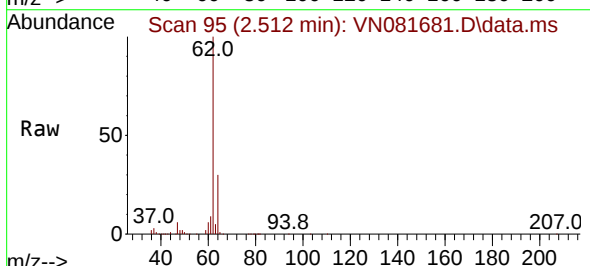
Tgt Ion: 50 Resp: 342994
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.0

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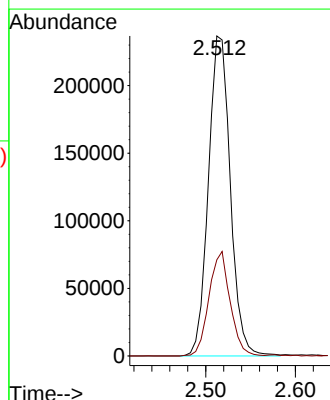
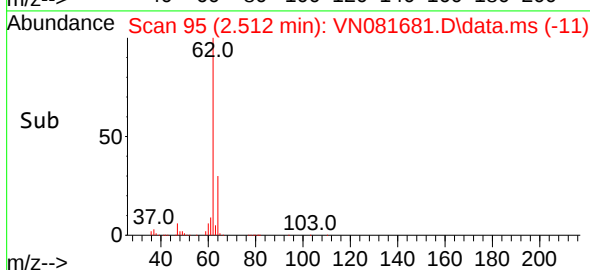
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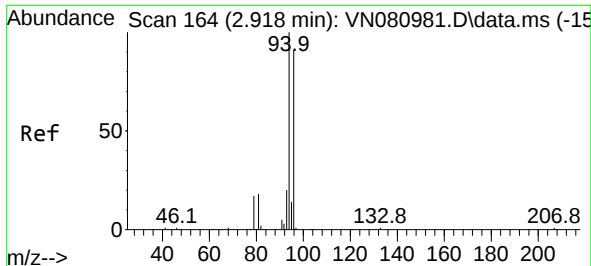


#4
Vinyl Chloride
Concen: 102.274 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25



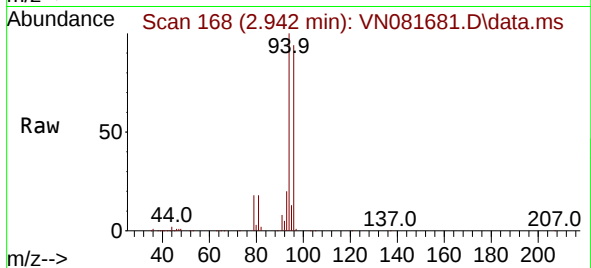
Tgt Ion: 62 Resp: 401532
Ion Ratio Lower Upper
62 100
64 30.0 24.1 36.1





#5
Bromomethane
Concen: 92.916 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

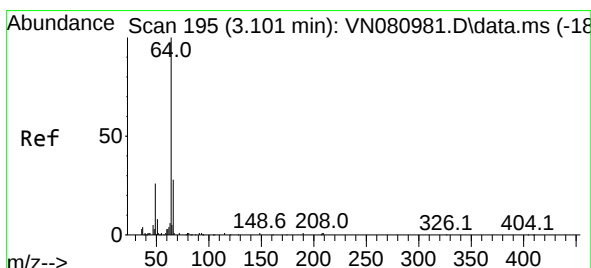
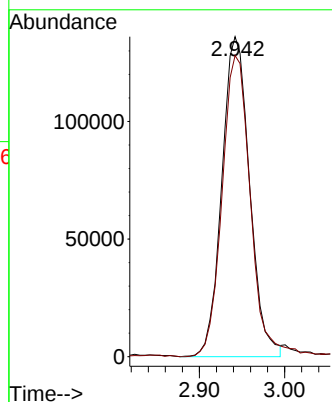
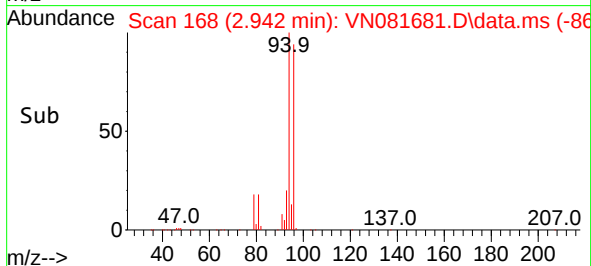
Instrument :
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Tgt Ion: 94 Resp: 308940
Ion Ratio Lower Upper
94 100
96 94.1 72.8 109.2

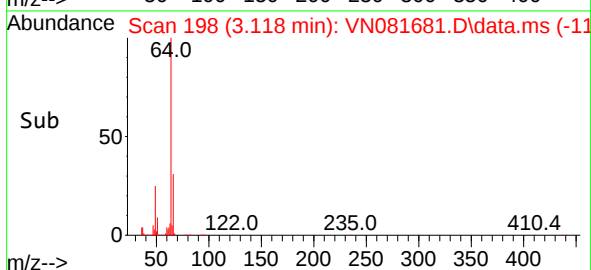
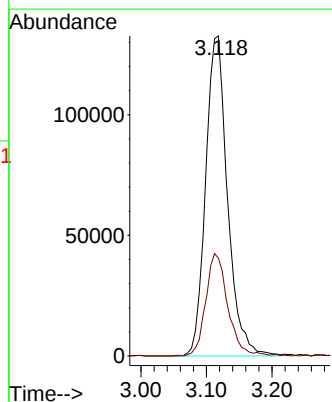
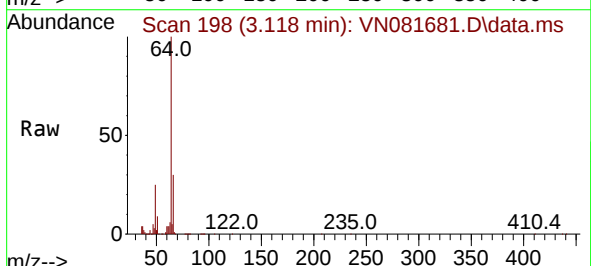
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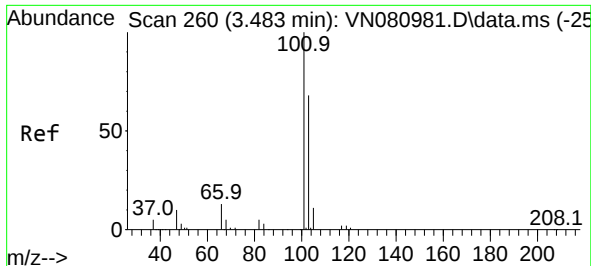
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#6
Chloroethane
Concen: 100.275 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Tgt Ion: 64 Resp: 308132
Ion Ratio Lower Upper
64 100
66 30.3 26.7 40.1





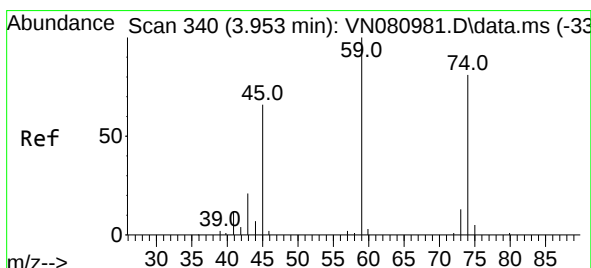
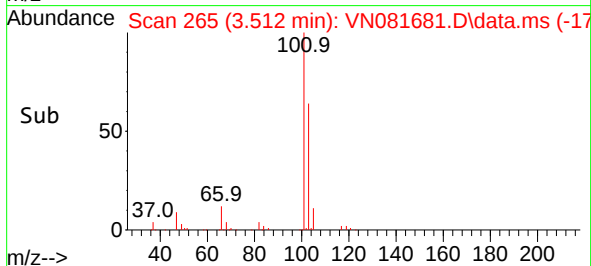
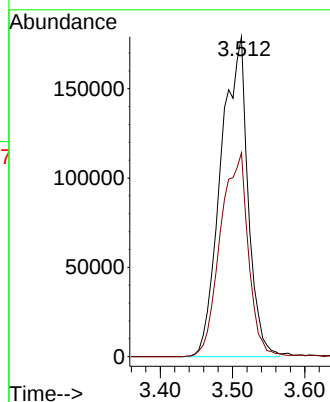
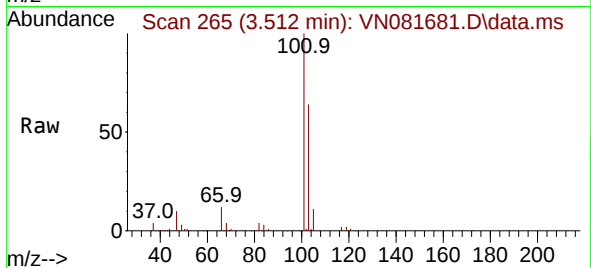
#7
Trichlorofluoromethane
Concen: 72.083 ug/l m
RT: 3.512 min Scan# 2
Delta R.T. 0.012 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 464792
Ion Ratio Lower Upper
101 100
103 63.7 53.0 79.4

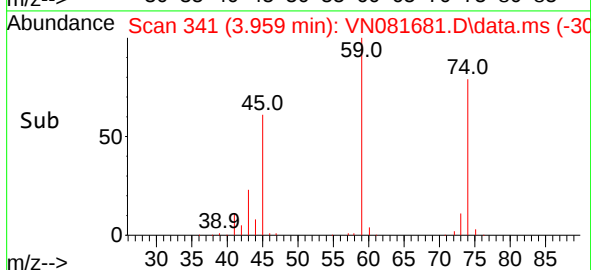
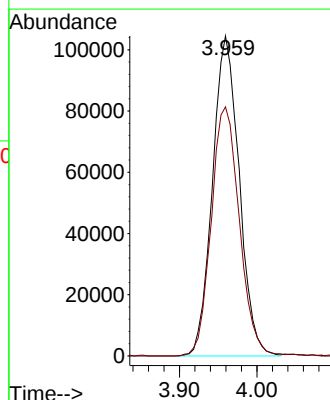
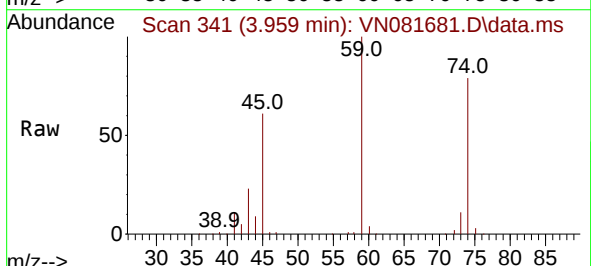
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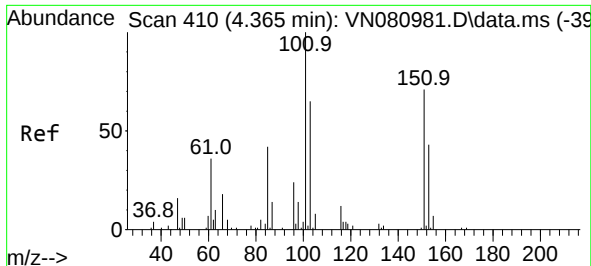
Reviewed By :John Carlone 04/11/2024
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#8
Diethyl Ether
Concen: 104.083 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Tgt Ion: 74 Resp: 250222
Ion Ratio Lower Upper
74 100
45 81.9 16.4 147.4





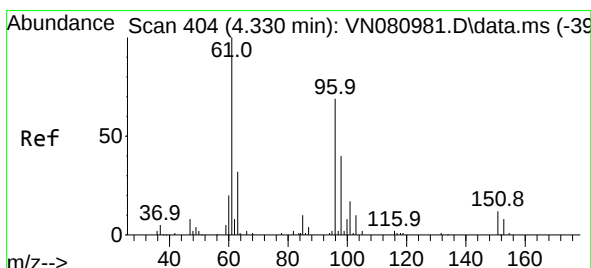
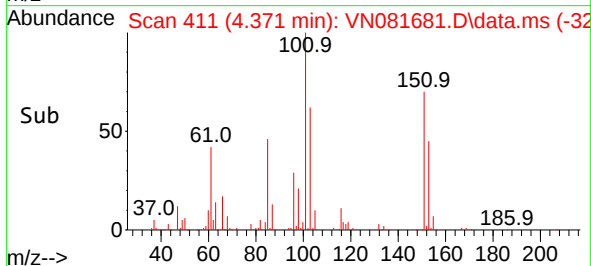
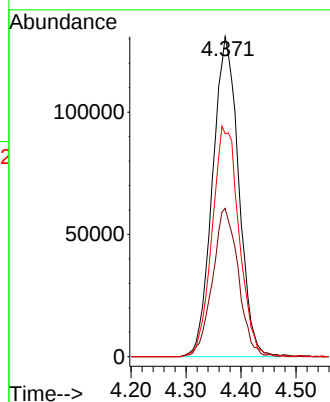
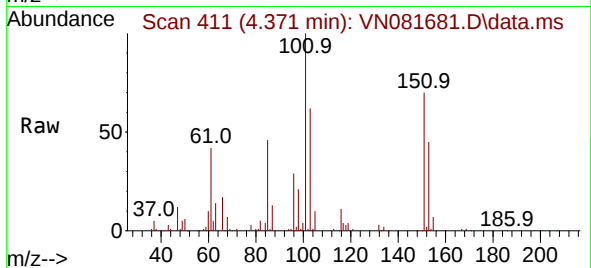
#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.521 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 43128
Ion Ratio Lower Upper
101 100
85 45.7 0.0 90.6
151 39.3 0.0 157.6

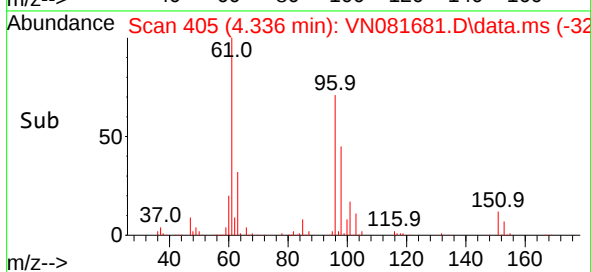
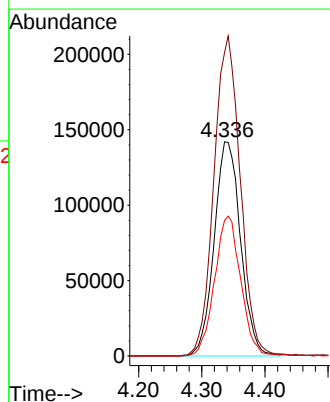
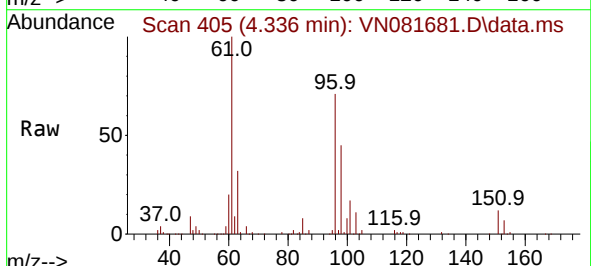
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#10
1,1-Dichloroethene
Concen: 106.781 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

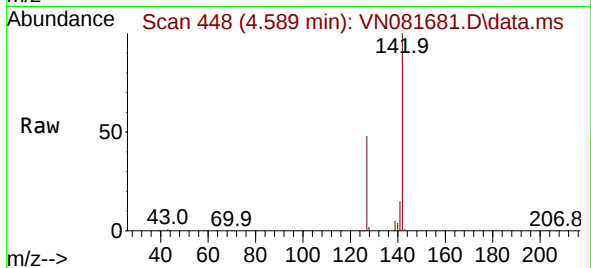
Tgt Ion: 96 Resp: 412586
Ion Ratio Lower Upper
96 100
61 141.6 117.6 176.4
98 63.3 48.4 72.6





#11
Methyl Iodide
Concen: 117.779 ug/l
RT: 4.589 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

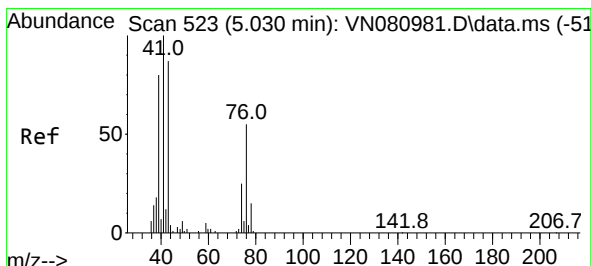
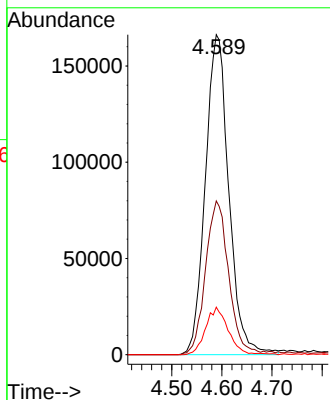
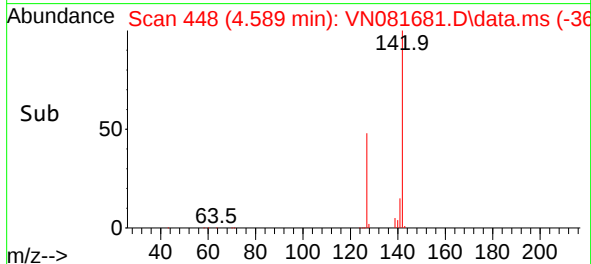
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 54128
Ion Ratio Lower Upper
142 100
127 47.9 26.3 78.9
141 14.9 8.3 24.9

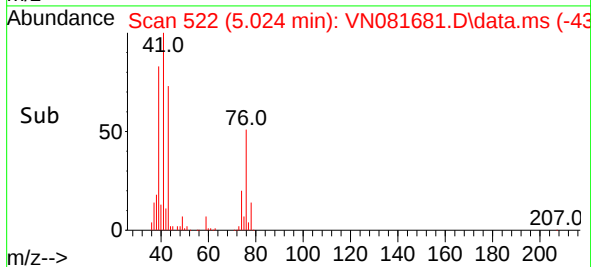
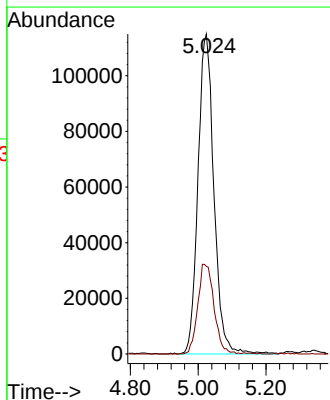
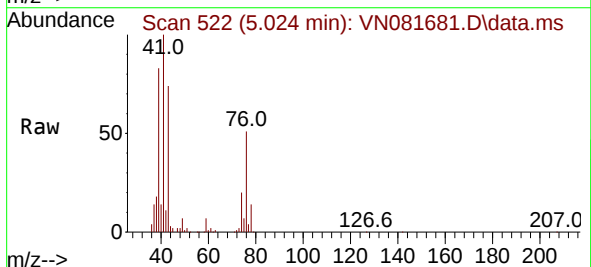
Manual Integrations
APPROVED

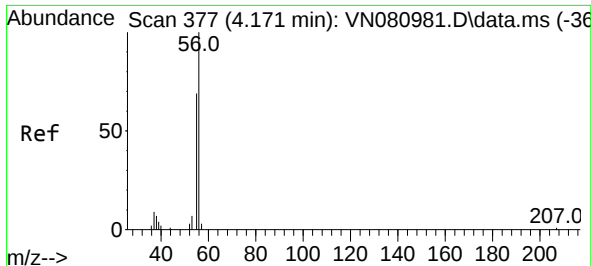
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#12
Methyl Acetate
Concen: 100.790 ug/l m
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

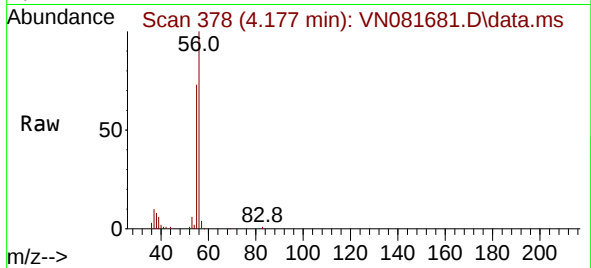
Tgt Ion: 43 Resp: 374945
Ion Ratio Lower Upper
43 100
74 27.3 27.7 41.5#





#13
Acrolein
Concen: 501.486 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

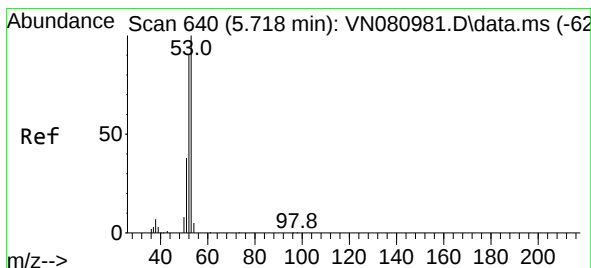
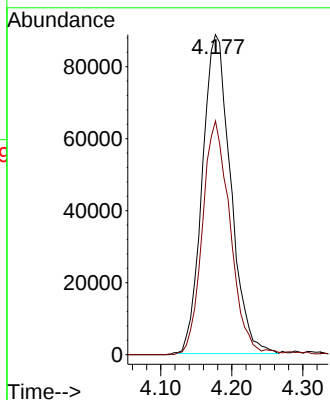
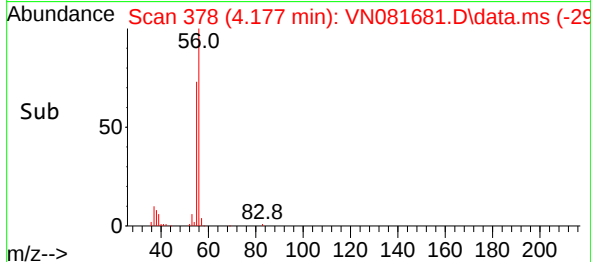
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 245960
Ion Ratio Lower Upper
56 100
55 71.1 55.5 83.3

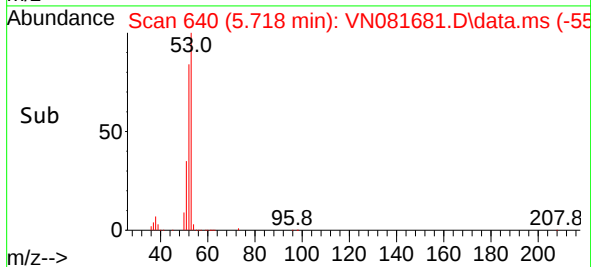
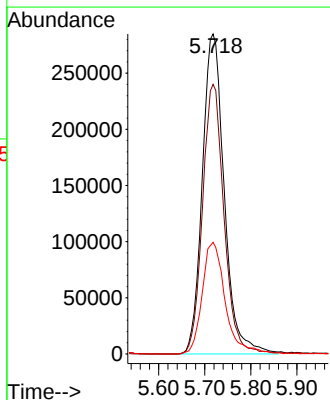
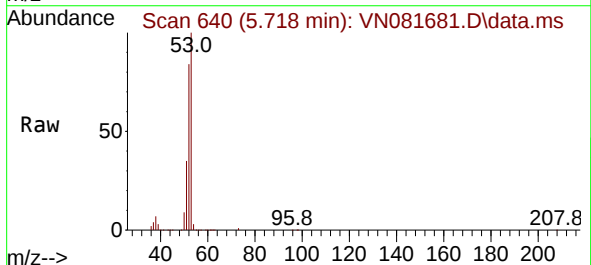
Manual Integrations
APPROVED

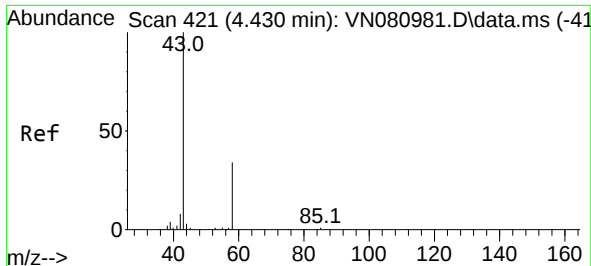
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#14
Acrylonitrile
Concen: 509.925 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

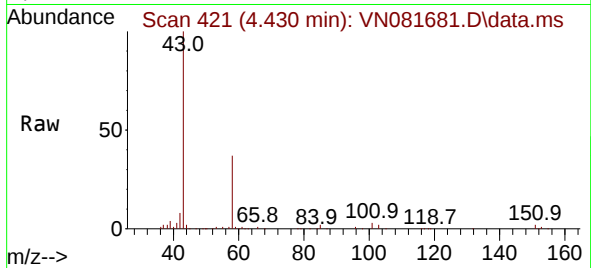
Tgt Ion: 53 Resp: 945259
Ion Ratio Lower Upper
53 100
52 81.8 41.3 123.9
51 35.7 16.8 50.3





#15
Acetone
Concen: 504.283 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

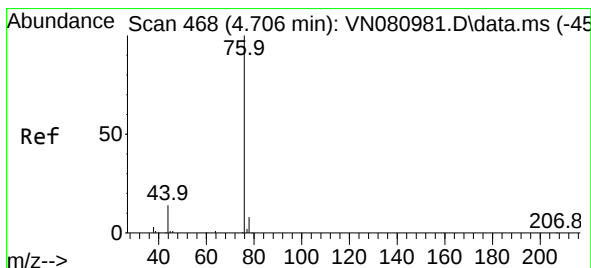
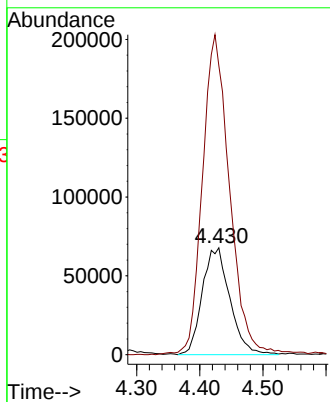
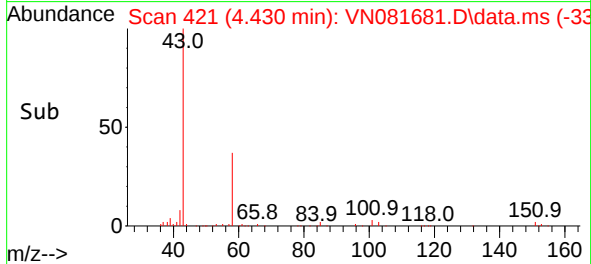
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



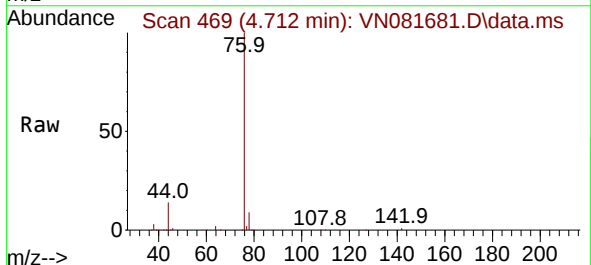
Tgt Ion: 58 Resp: 20610
Ion Ratio Lower Upper
58 100
43 268.2 223.1 334.7

Manual Integrations
APPROVED

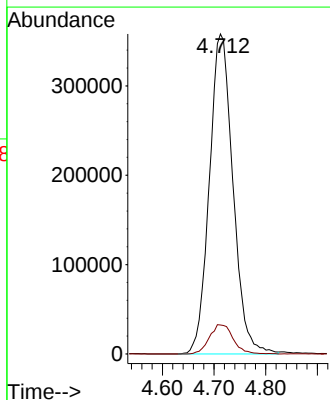
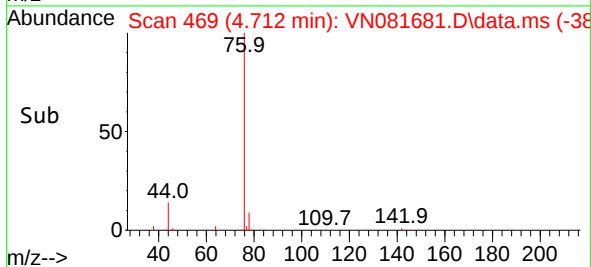
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

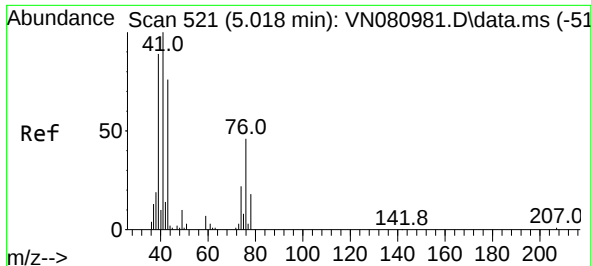


#16
Carbon Disulfide
Concen: 98.654 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25



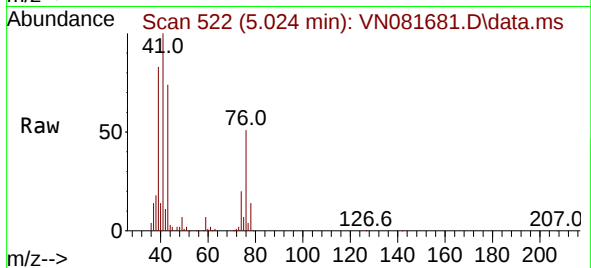
Tgt Ion: 76 Resp: 1137705
Ion Ratio Lower Upper
76 100
78 9.0 6.3 9.5





#17
 Allyl chloride
 Concen: 102.315 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN081681.D
 Acq: 10 Apr 2024 14:25

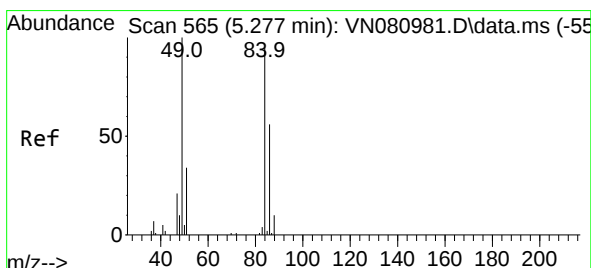
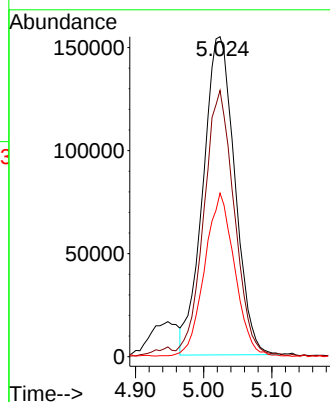
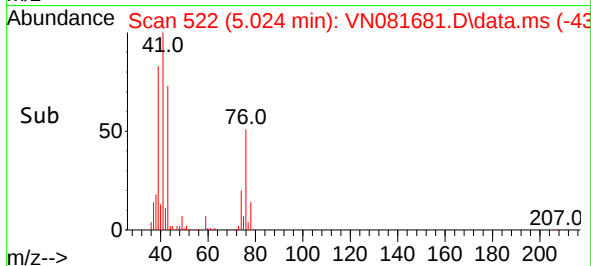
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



Tgt Ion: 41 Resp: 50196
 Ion Ratio Lower Upper
 41 100
 39 82.9 37.6 112.9
 76 51.1 27.8 83.4

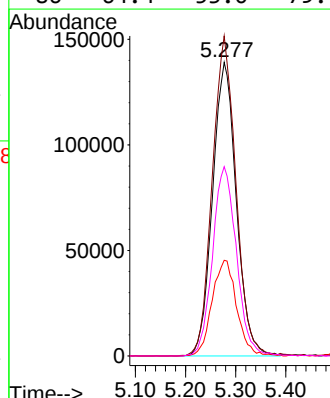
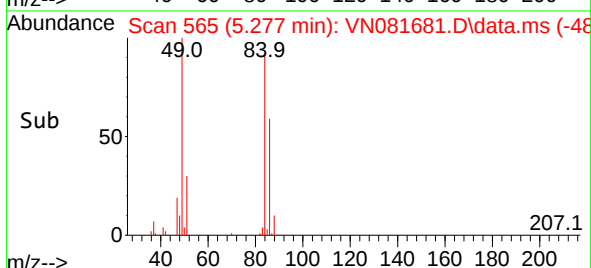
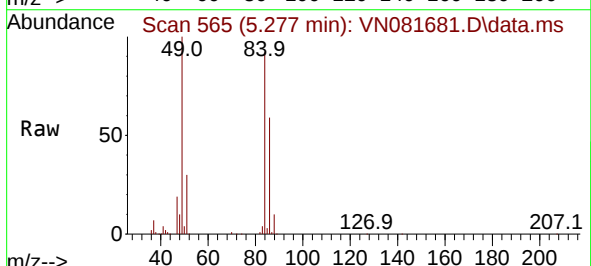
Manual Integrations
 APPROVED

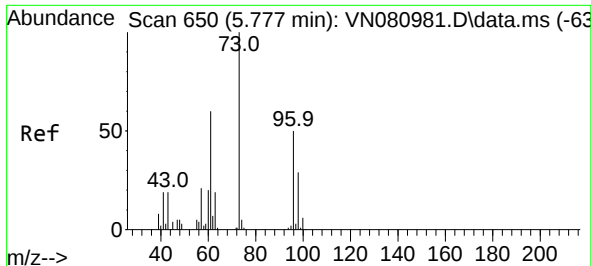
Reviewed By :John Carlone 04/11/2024
 Supervised By :Mahesh Dadoda 04/11/2024



#18
 Methylene Chloride
 Concen: 98.242 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN081681.D
 Acq: 10 Apr 2024 14:25

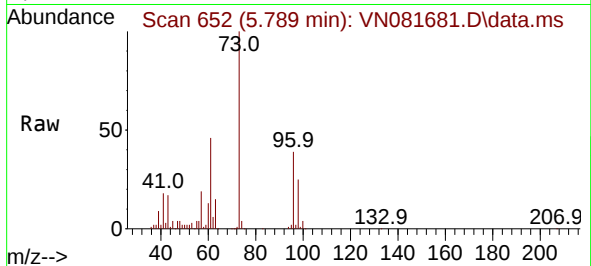
Tgt Ion: 84 Resp: 458788
 Ion Ratio Lower Upper
 84 100
 49 108.8 86.0 129.0
 51 32.6 30.0 45.0
 86 64.4 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 100.414 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

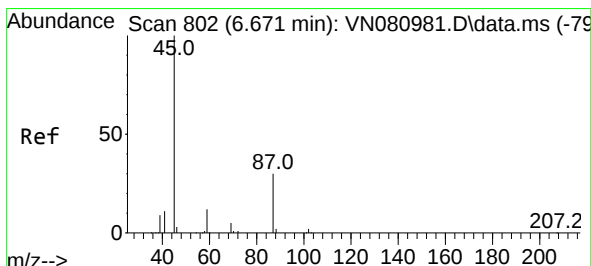
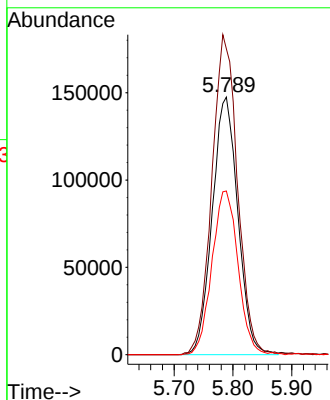
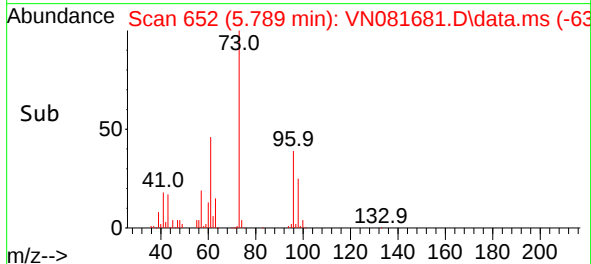
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 446583
Ion Ratio Lower Upper
96 100
61 118.7 111.8 167.6
98 63.5 49.2 73.8

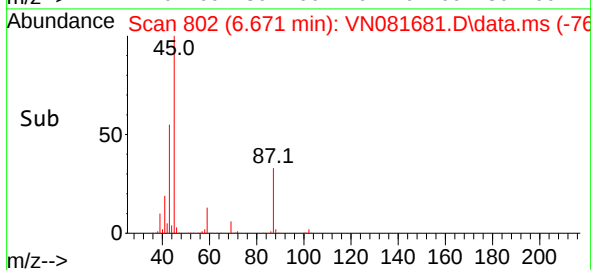
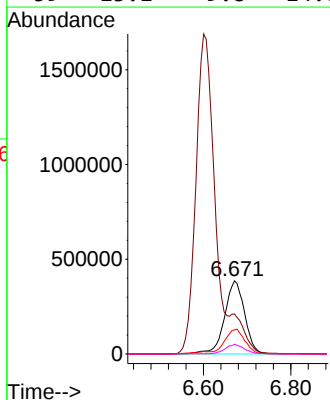
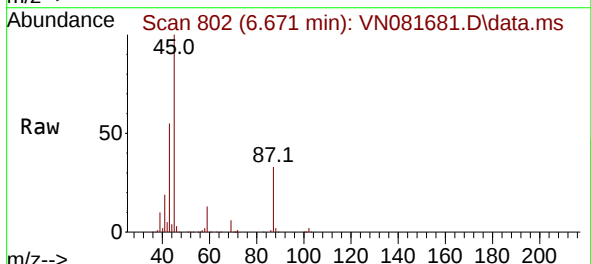
Manual Integrations
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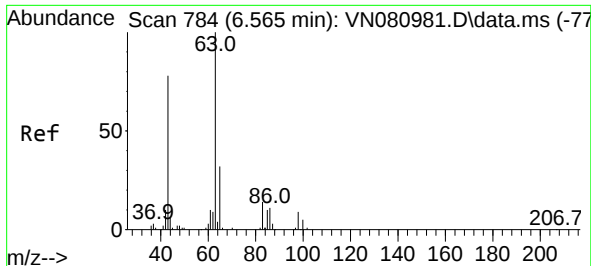
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#20
Diisopropyl ether
Concen: 104.804 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Tgt Ion: 45 Resp: 1228153
Ion Ratio Lower Upper
45 100
43 54.0 40.4 60.6
87 32.6 23.8 35.8
59 13.1 9.8 14.6





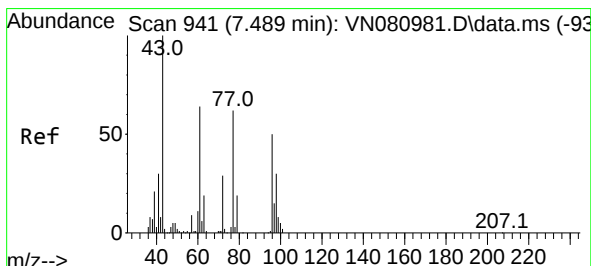
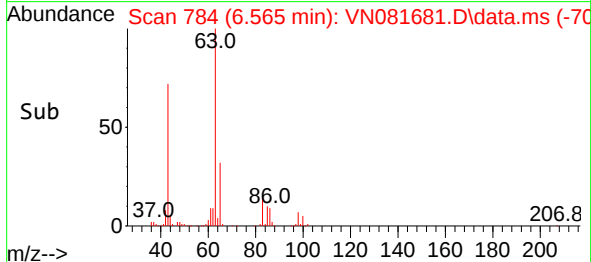
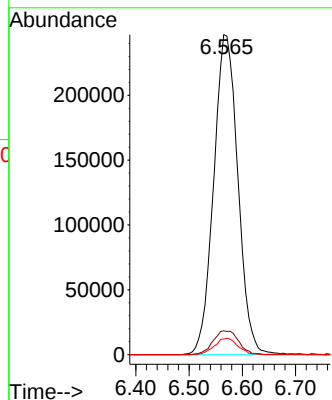
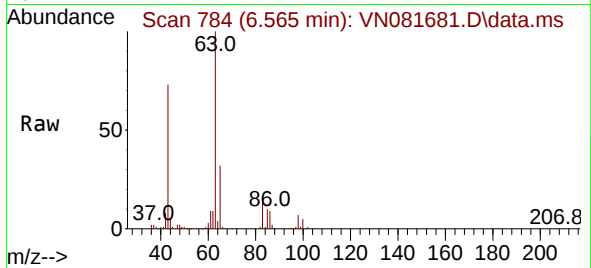
#21
1,1-Dichloroethane
Concen: 100.018 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 778899
Ion Ratio Lower Upper
63 100
98 7.4 4.1 12.3
100 4.9 3.0 9.0

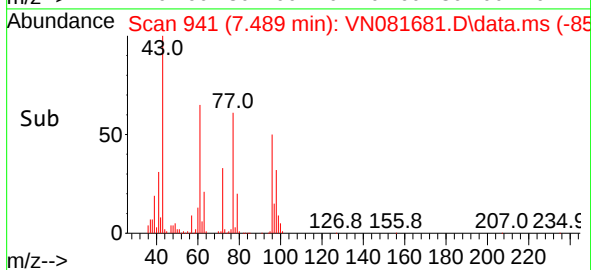
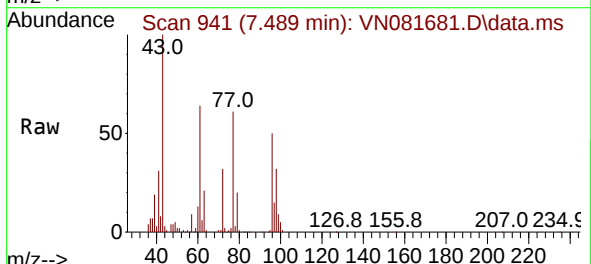
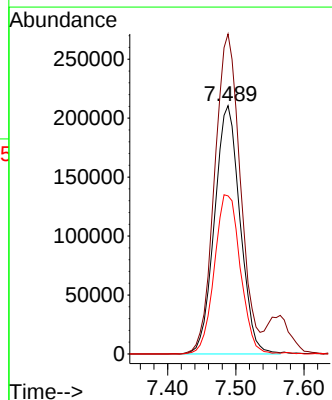
Manual Integrations
APPROVED

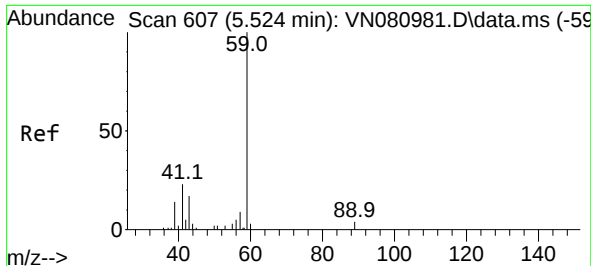
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#22
cis-1,2-Dichloroethene
Concen: 102.231 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

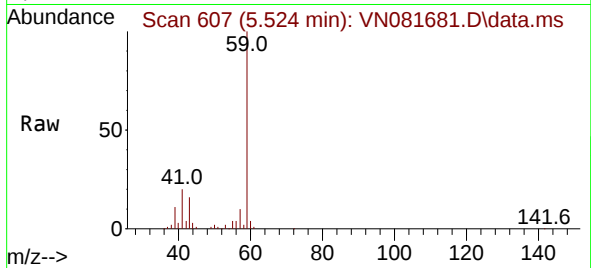
Tgt Ion: 96 Resp: 549045
Ion Ratio Lower Upper
96 100
61 130.2 113.5 170.3
98 65.1 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 518.432 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

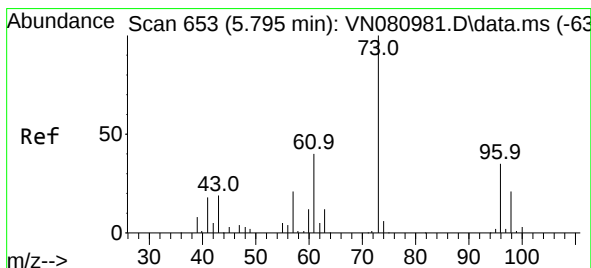
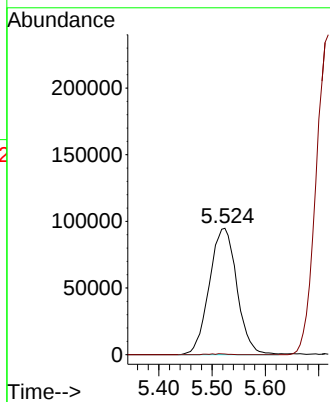
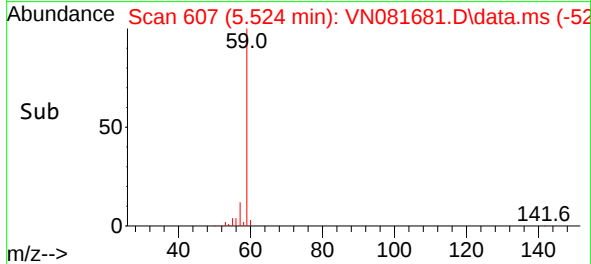
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 59 Resp: 34115
Ion Ratio Lower Upper
59 100
52 0.3 0.0 0.0

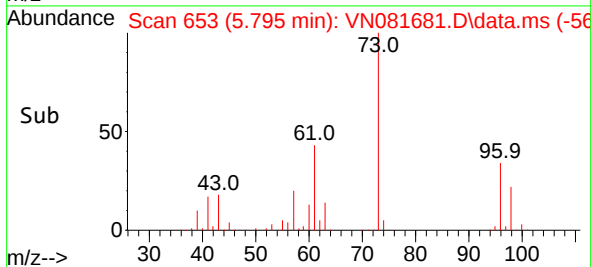
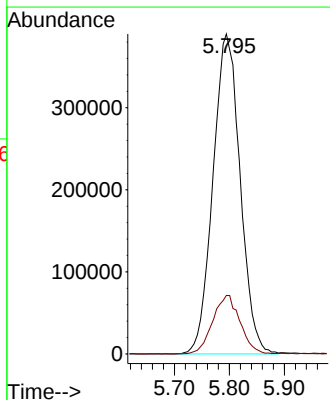
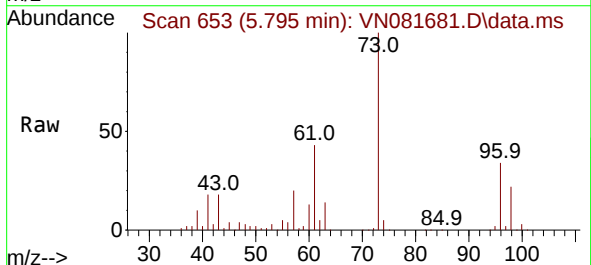
Manual Integrations
APPROVED

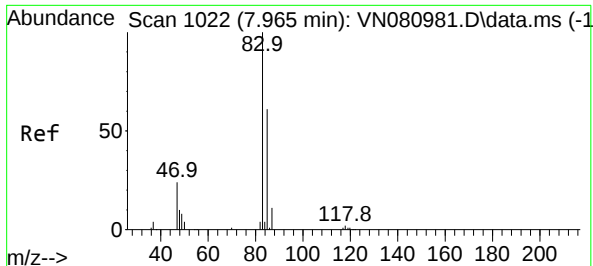
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#24
Methyl tert-Butyl Ether
Concen: 105.404 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Tgt Ion: 73 Resp: 1336952
Ion Ratio Lower Upper
73 100
43 18.2 13.4 20.2





#25

Chloroform

Concen: 98.958 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081681.D

Acq: 10 Apr 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 87684

Ion Ratio Lower Upper

83 100

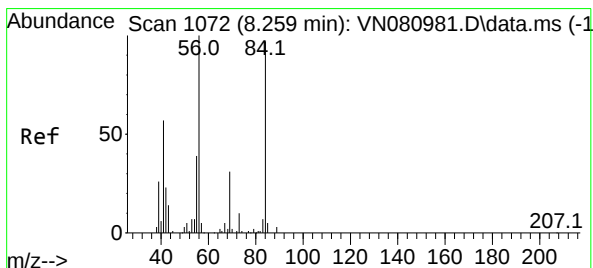
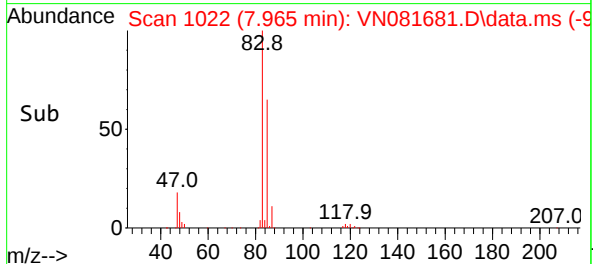
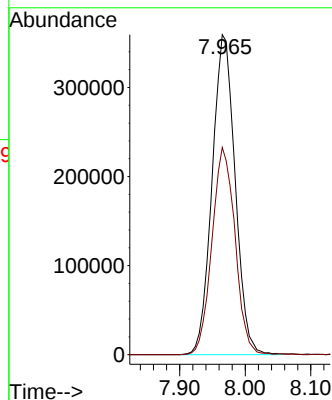
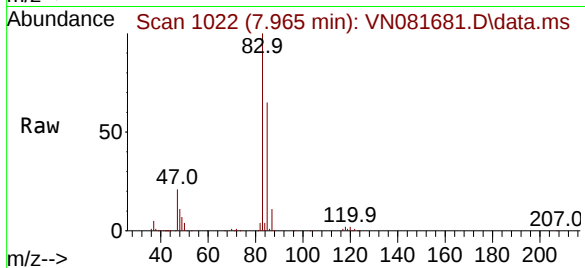
85 64.7 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#26

Cyclohexane

Concen: 105.058 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN081681.D

Acq: 10 Apr 2024 14:25

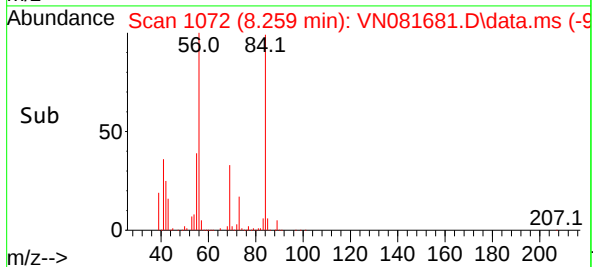
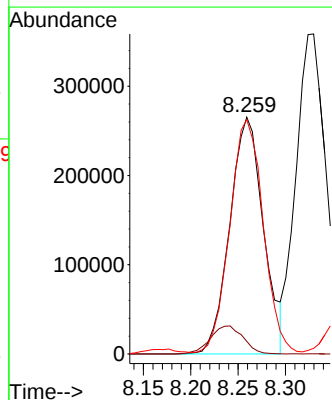
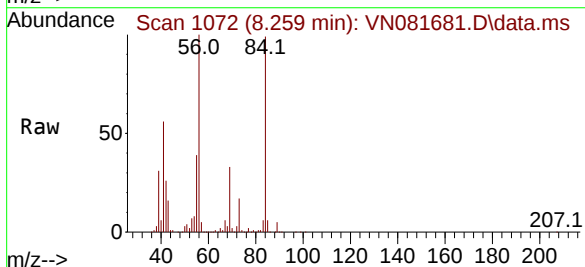
Tgt Ion: 56 Resp: 655884

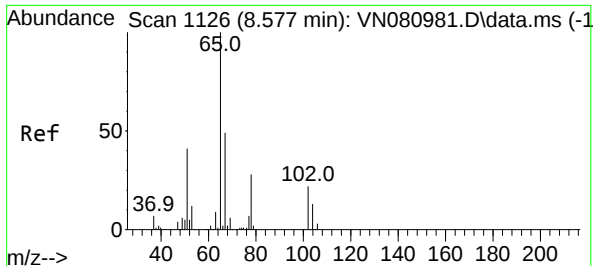
Ion Ratio Lower Upper

56 100

89 11.6 19.3 28.9#

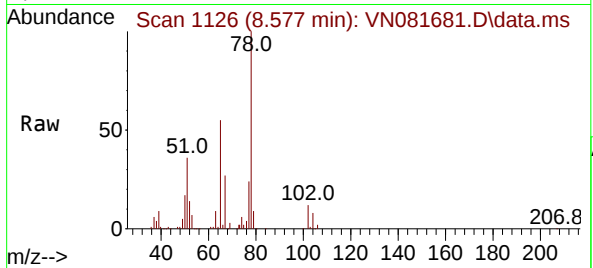
84 99.0 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 29.246 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

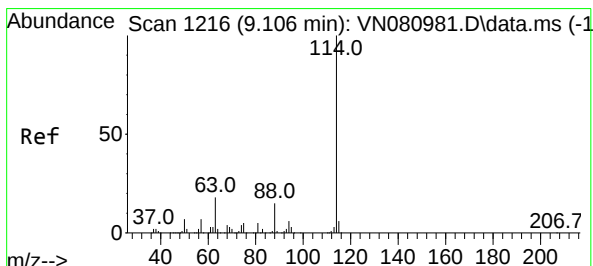
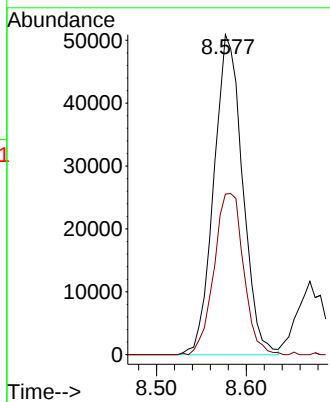
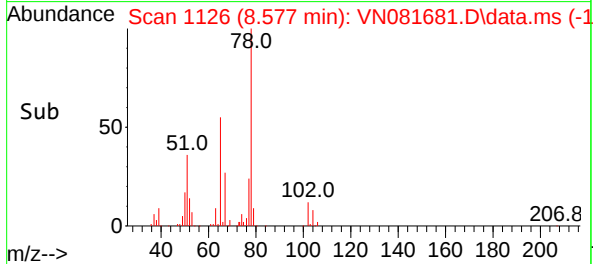
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



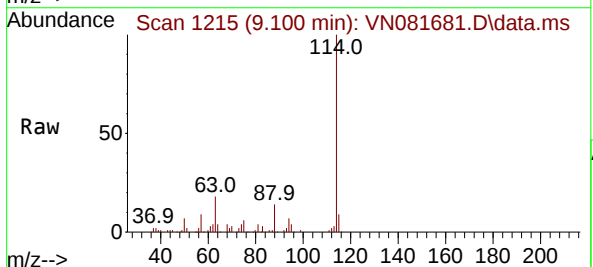
Tgt Ion: 65 Resp: 113154
Ion Ratio Lower Upper
65 100
67 51.7 43.2 64.8

Manual Integrations
APPROVED

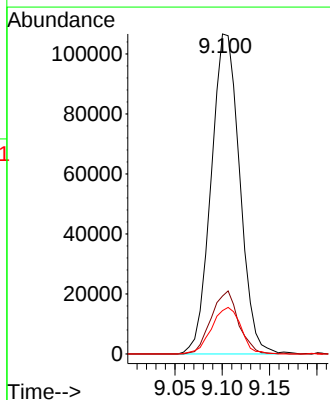
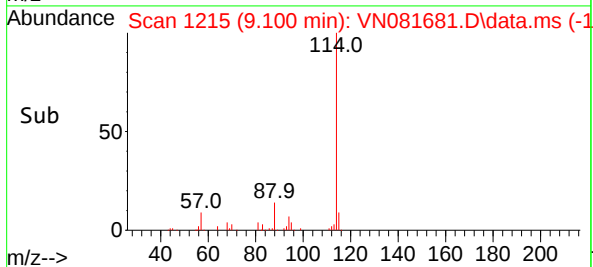
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

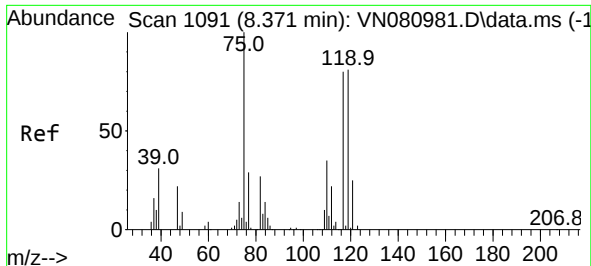


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25



Tgt Ion:114 Resp: 223495
Ion Ratio Lower Upper
114 100
63 18.8 15.9 23.9
88 14.9 12.7 19.1





#29
1,1-Dichloropropene
Concen: 102.116 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Instrument :

MSVOA_N

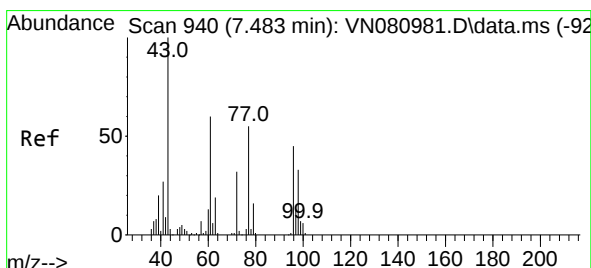
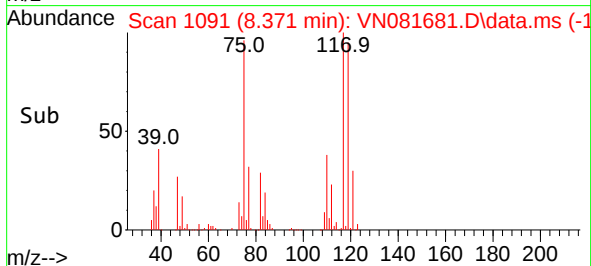
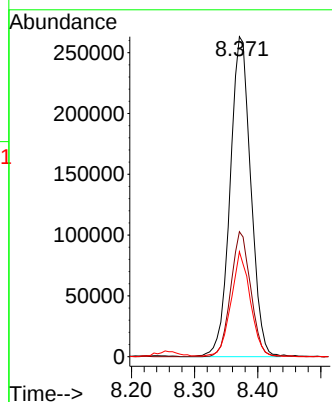
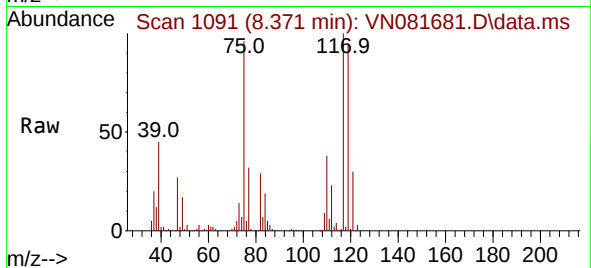
ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 600000
Ion Ratio Lower Upper
75 100
110 37.4 0.0 70.2
77 30.6 0.0 61.4

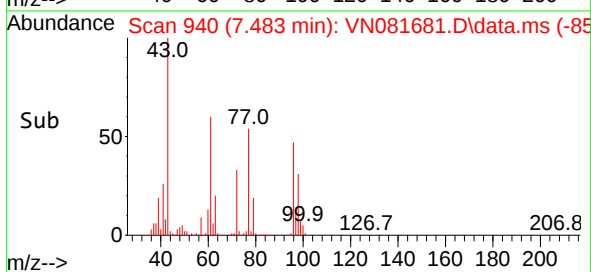
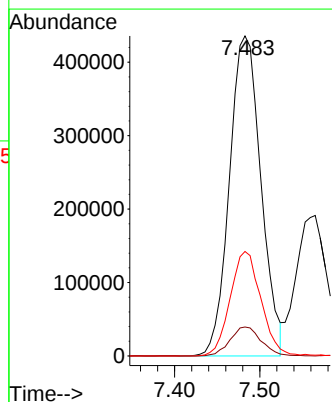
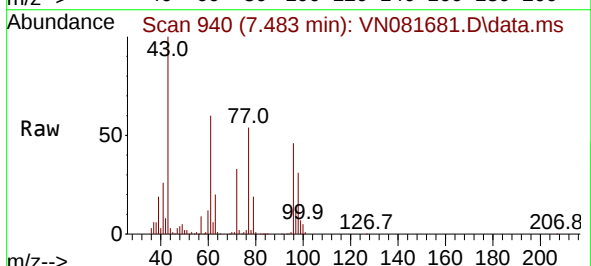
Manual Integrations
APPROVED

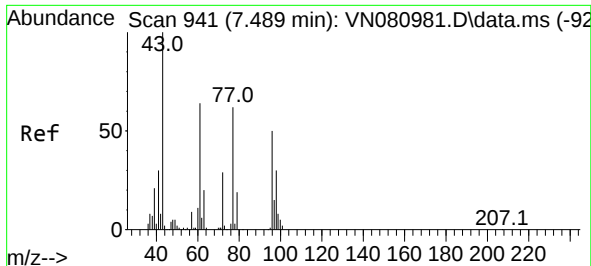
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#30
2-Butanone
Concen: 500.068 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Tgt Ion: 43 Resp: 1122144
Ion Ratio Lower Upper
43 100
57 9.0 6.7 10.1
72 31.8 24.0 36.0





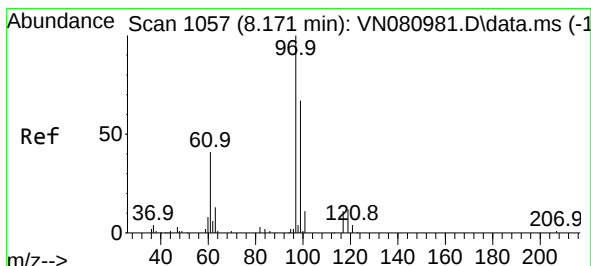
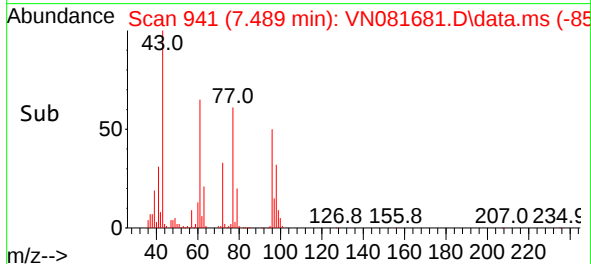
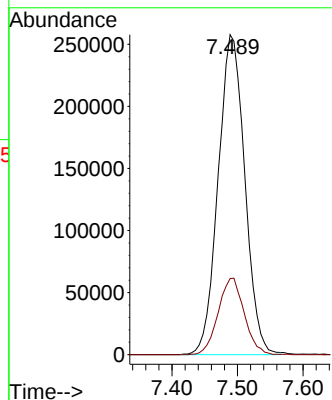
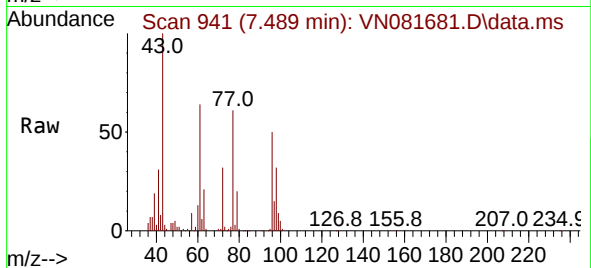
#31
2,2-Dichloropropane
Concen: 99.350 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 77 Resp: 72711
Ion Ratio Lower Upper
77 100
97 23.3 18.3 27.5

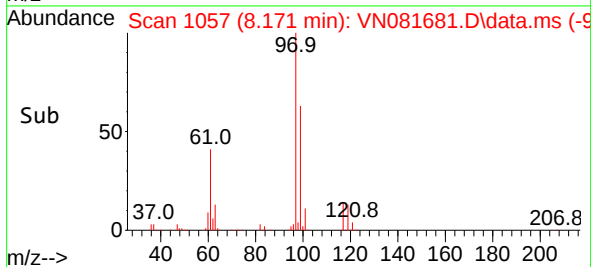
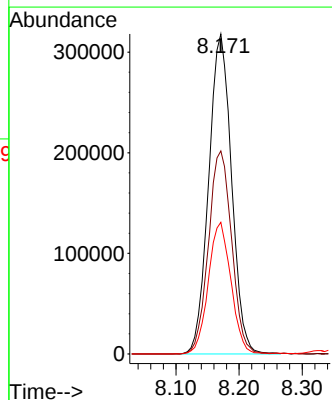
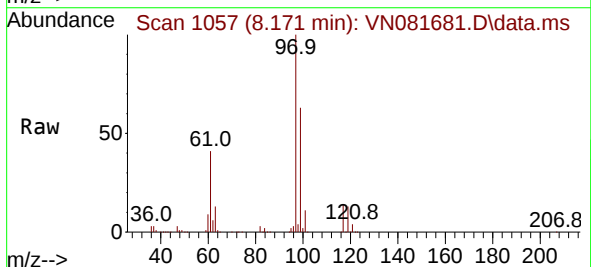
Manual Integrations
APPROVED

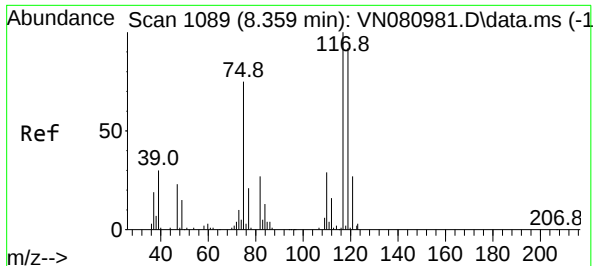
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#32
1,1,1-Trichloroethane
Concen: 98.748 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

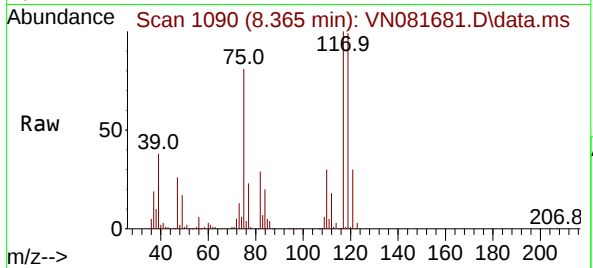
Tgt Ion: 97 Resp: 799670
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 40.7 33.8 50.8





#33
Carbon Tetrachloride
Concen: 97.172 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

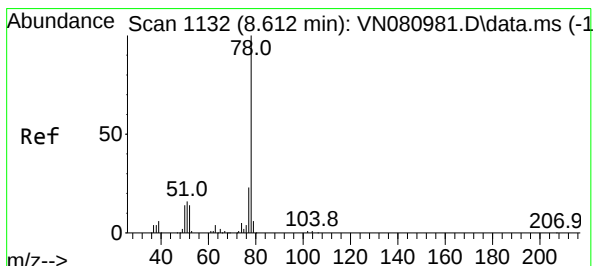
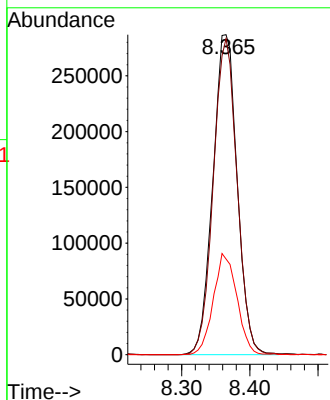
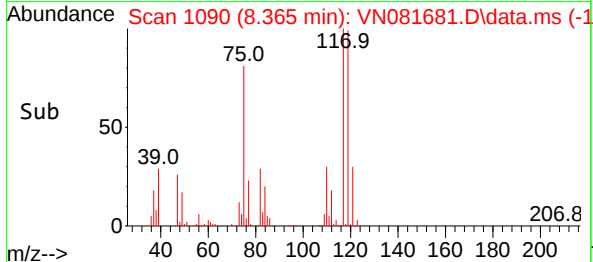
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



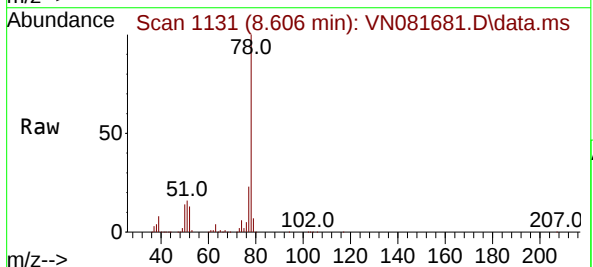
Tgt Ion: 117 Resp: 71328
Ion Ratio Lower Upper
117 100
119 98.7 77.7 116.5
121 29.9 27.0 40.6

Manual Integrations
APPROVED

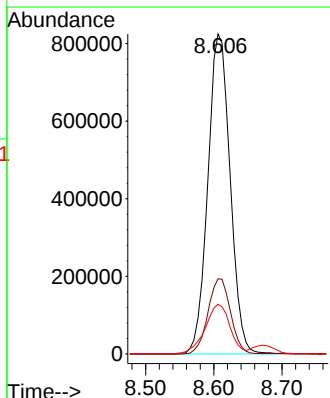
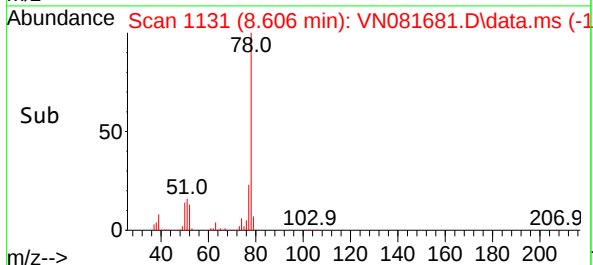
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#34
Benzene
Concen: 99.184 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25



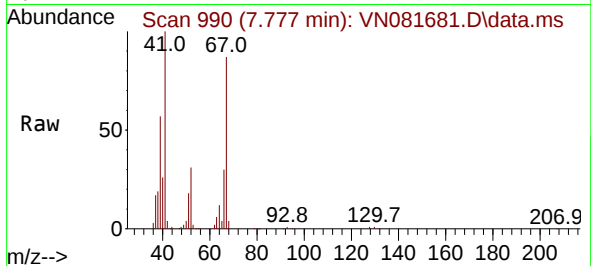
Tgt Ion: 78 Resp: 1877320
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8
51 15.3 13.3 19.9





#35
Methacrylonitrile
Concen: 98.132 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

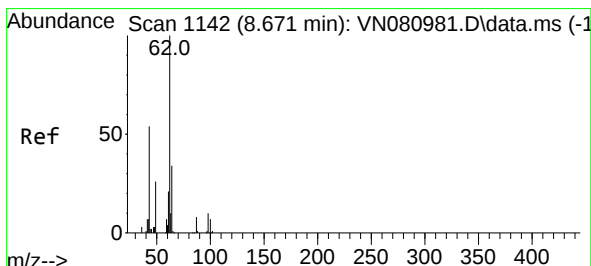
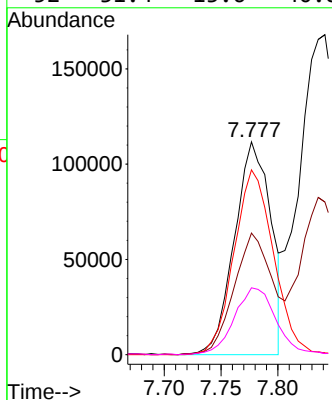
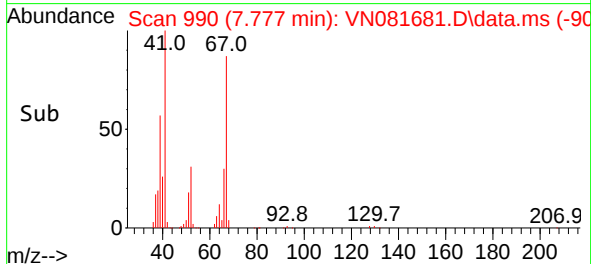
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC100



Tgt Ion: 41 Resp: 249424
Ion Ratio Lower Upper
41 100
39 57.1 25.3 75.9
67 86.8 38.7 116.1
52 31.4 13.6 40.8

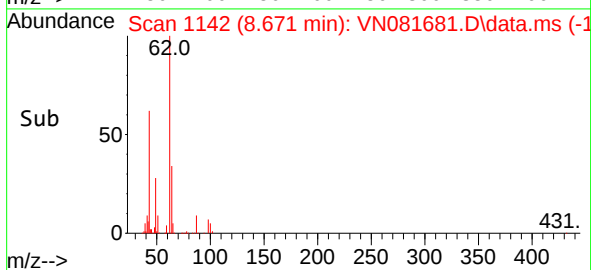
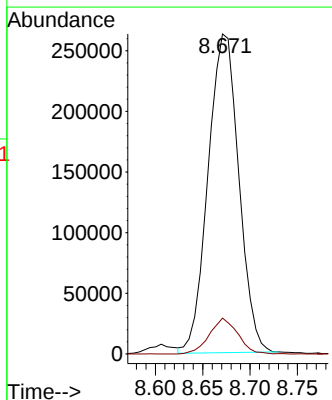
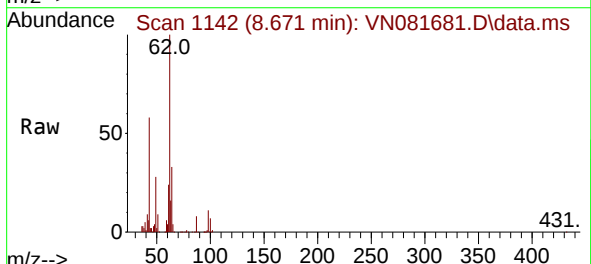
Manual Integrations
APPROVED

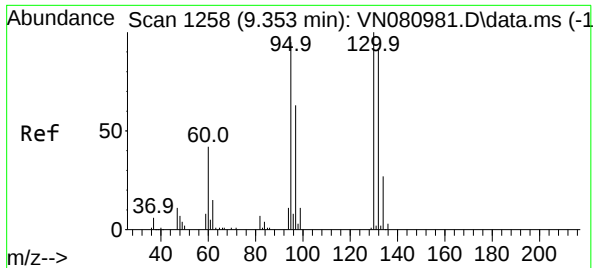
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#36
1,2-Dichloroethane
Concen: 95.768 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Tgt Ion: 62 Resp: 594562
Ion Ratio Lower Upper
62 100
98 10.3 8.2 12.4





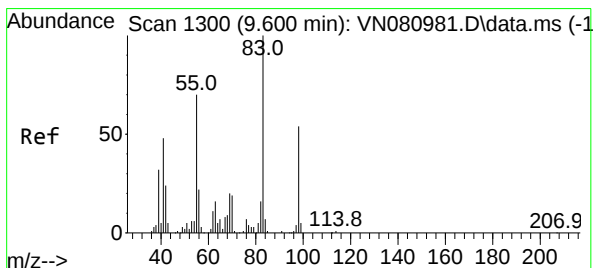
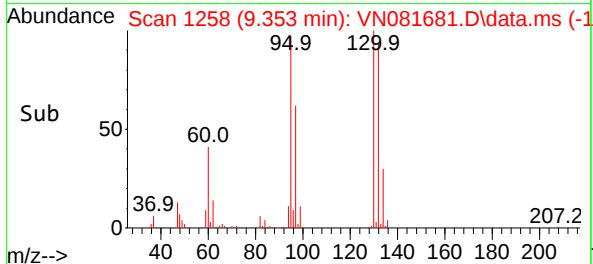
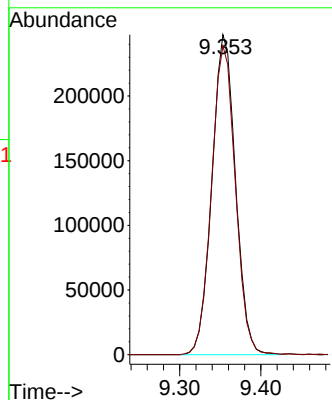
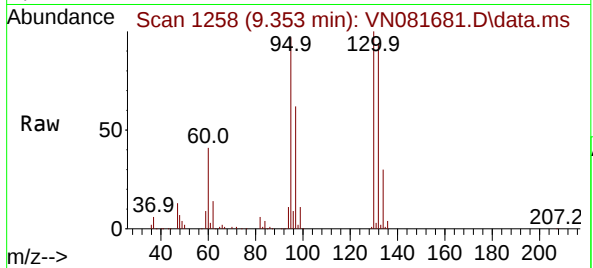
#37
Trichloroethene
Concen: 99.619 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:130 Resp: 49896
Ion Ratio Lower Upper
130 100
95 96.5 80.2 120.4

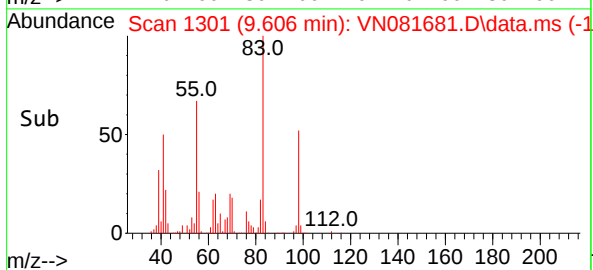
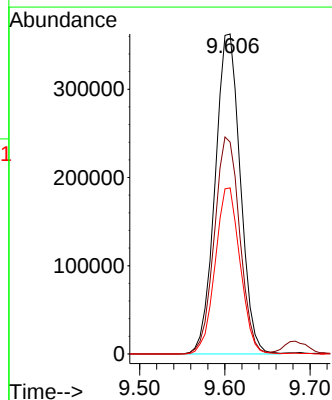
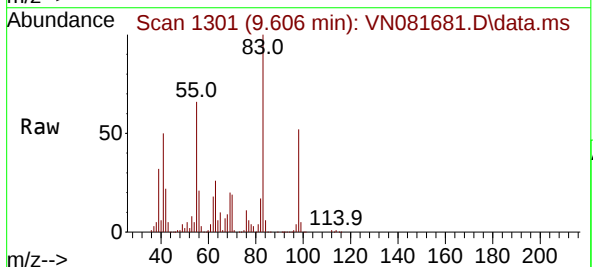
Manual Integrations
APPROVED

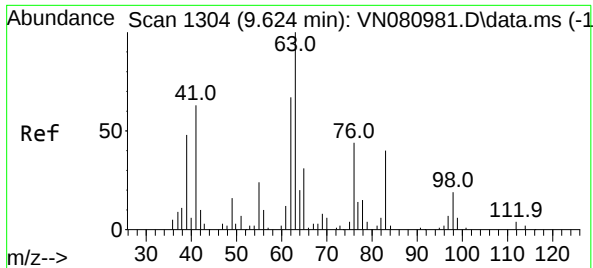
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#38
Methylcyclohexane
Concen: 103.733 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

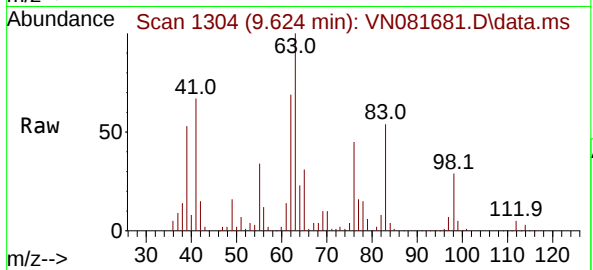
Tgt Ion: 83 Resp: 744973
Ion Ratio Lower Upper
83 100
55 68.5 36.6 109.9
98 51.5 23.8 71.5





#39
1,2-Dichloropropane
Concen: 97.918 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

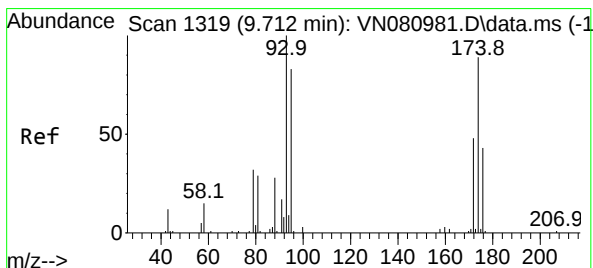
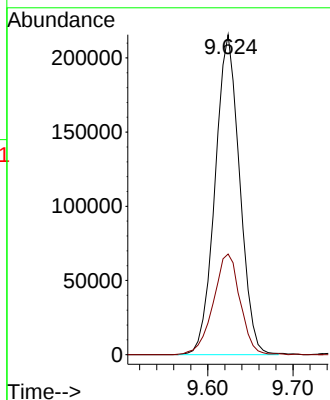
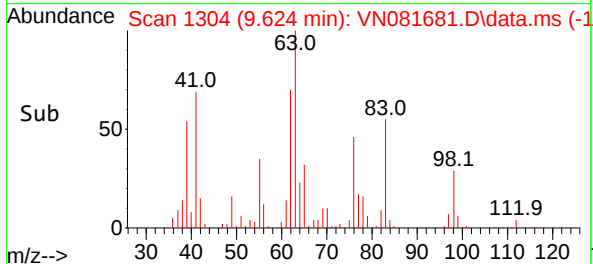
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



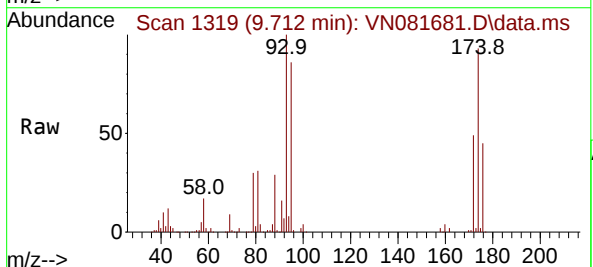
Tgt Ion: 63 Resp: 432384
Ion Ratio Lower Upper
63 100
65 31.3 25.0 37.4

Manual Integrations
APPROVED

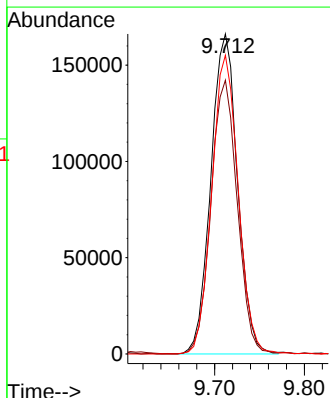
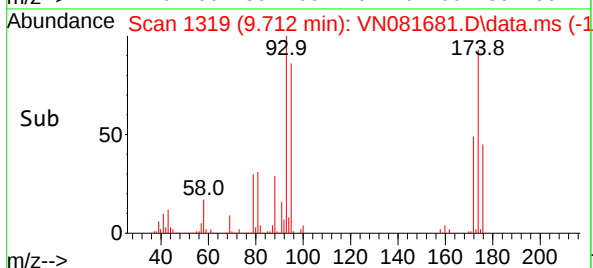
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

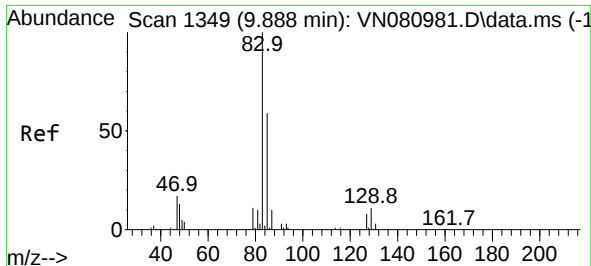


#40
Dibromomethane
Concen: 97.635 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25



Tgt Ion: 93 Resp: 343425
Ion Ratio Lower Upper
93 100
95 84.3 0.0 164.6
174 92.4 0.0 193.2





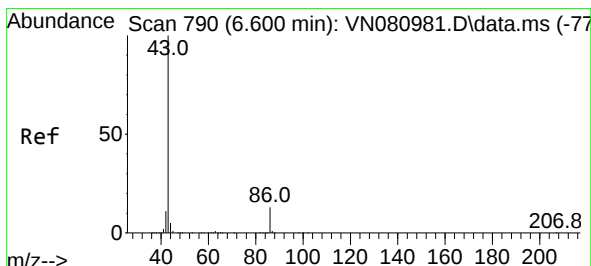
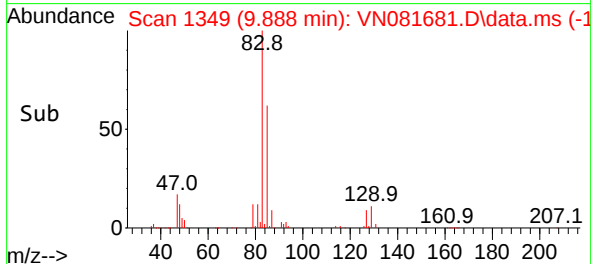
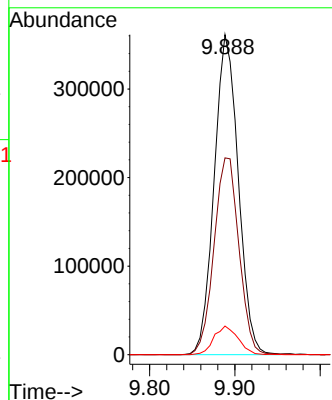
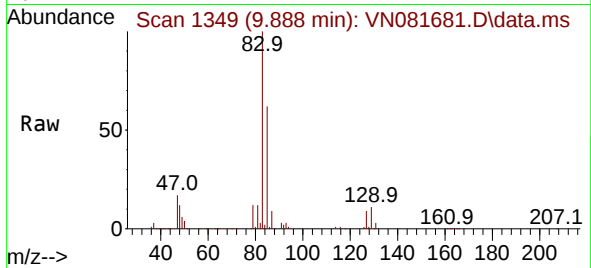
#41
Bromodichloromethane
Concen: 98.855 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 709072
Ion Ratio Lower Upper
83 100
85 61.5 49.4 74.2
127 8.9 7.3 10.9

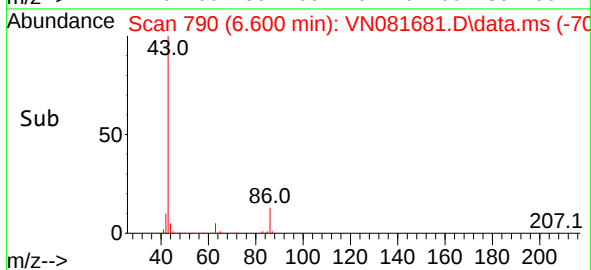
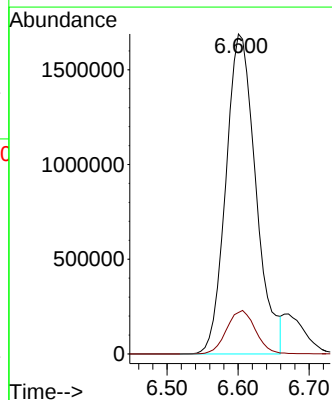
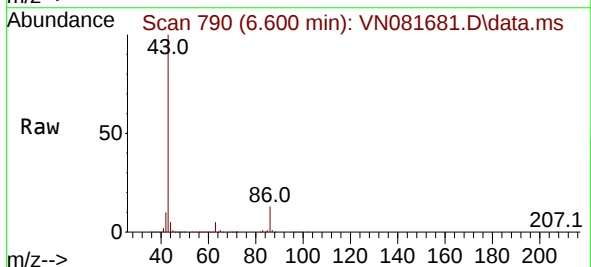
Manual Integrations
APPROVED

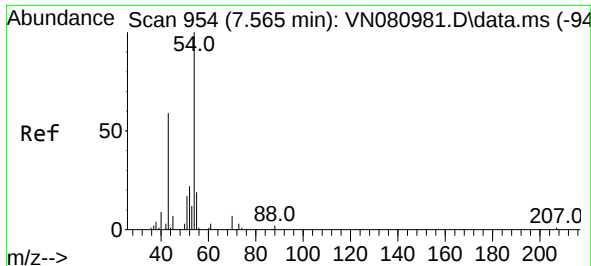
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#42
Vinyl Acetate
Concen: 530.031 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

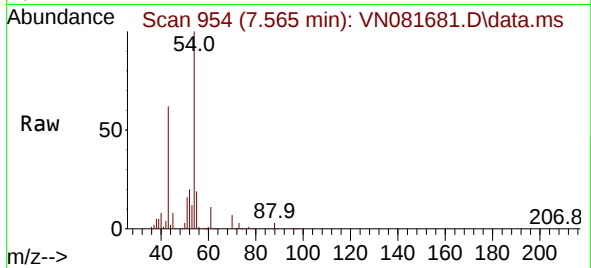
Tgt Ion: 43 Resp: 4954734
Ion Ratio Lower Upper
43 100
86 13.2 9.4 14.2





#43
Ethyl Acetate
Concen: 101.751 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

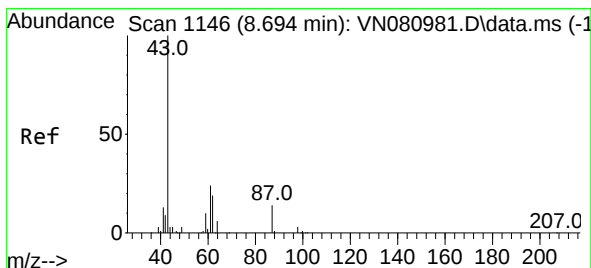
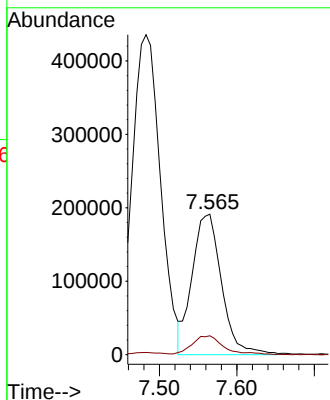
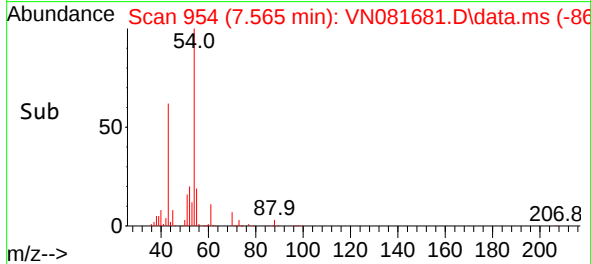
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



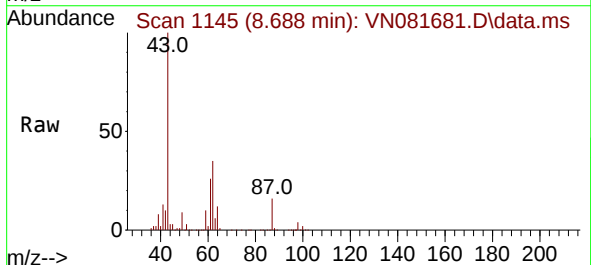
Tgt Ion: 43 Resp: 504749
Ion Ratio Lower Upper
43 100
45 13.5 10.6 15.8

Manual Integrations
APPROVED

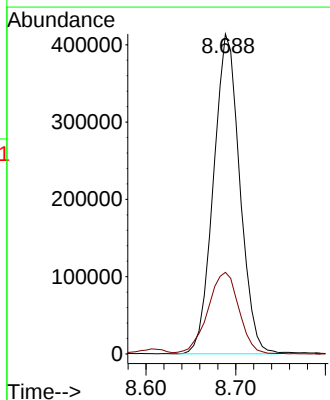
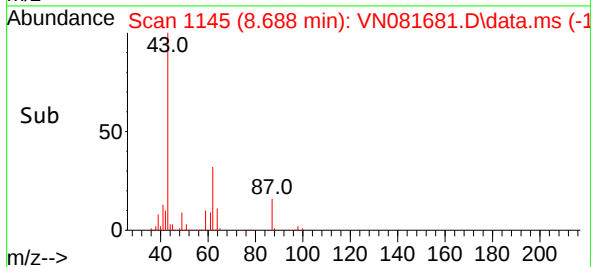
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

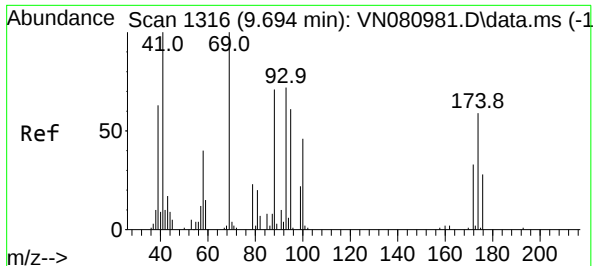


#44
Isopropyl Acetate
Concen: 101.576 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25



Tgt Ion: 43 Resp: 841710
Ion Ratio Lower Upper
43 100
61 30.3 25.0 37.4





#45

1,4-Dioxane

Concen: 2154.292 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081681.D

Acq: 10 Apr 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 197062

Ion Ratio Lower Upper

88 100

43 22.5 19.8 29.6

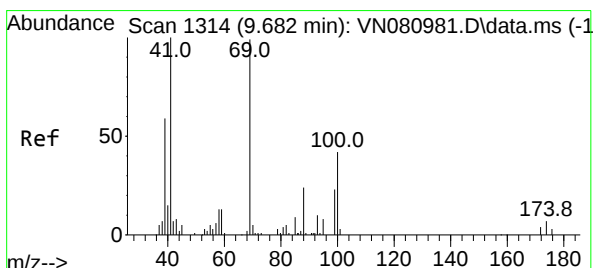
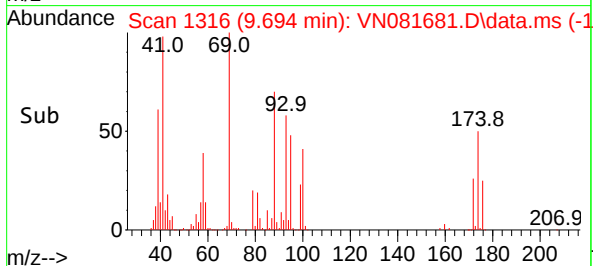
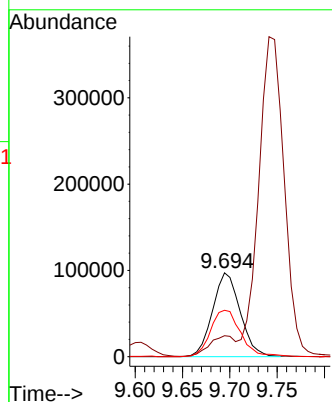
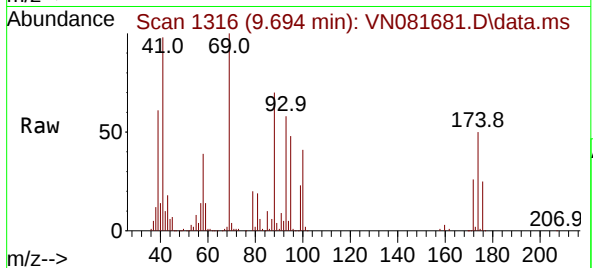
58 60.4 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#46

Methyl methacrylate

Concen: 99.698 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN081681.D

Acq: 10 Apr 2024 14:25

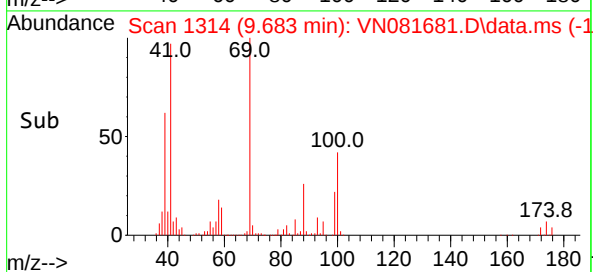
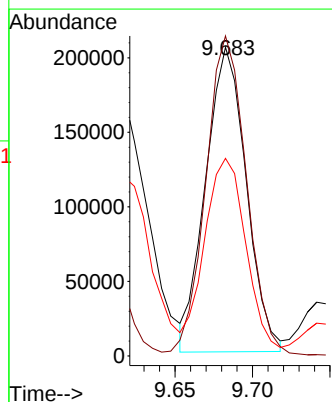
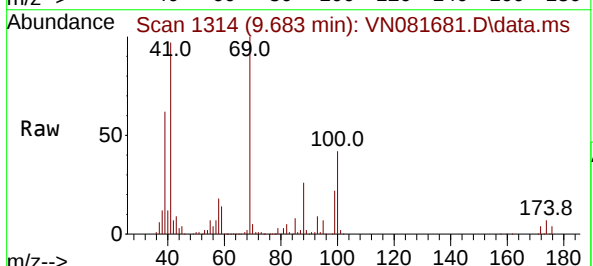
Tgt Ion: 41 Resp: 371514

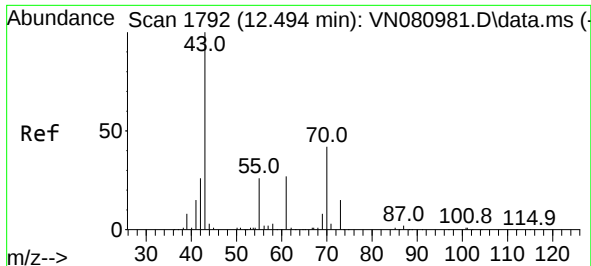
Ion Ratio Lower Upper

41 100

69 105.7 51.1 153.3

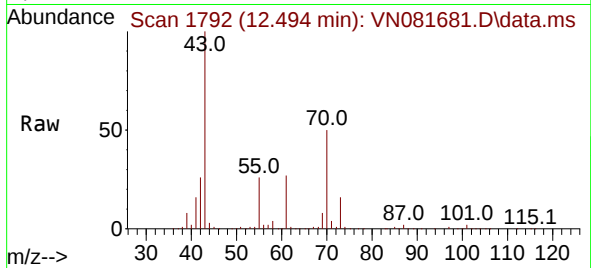
39 64.3 25.8 77.3





#47
n-amyl acetate
Concen: 107.163 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

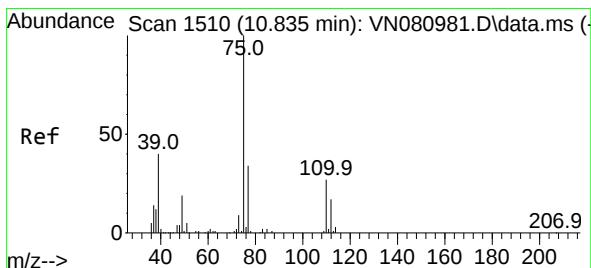
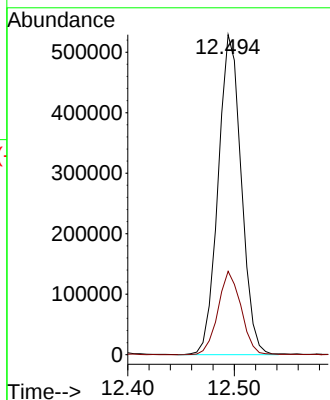
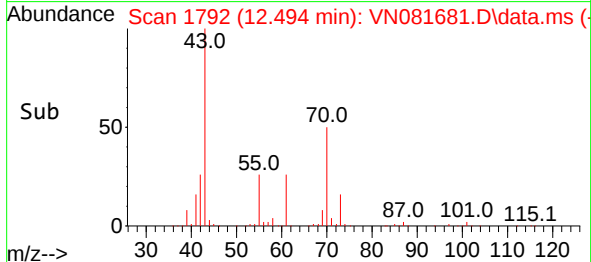
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 796820
Ion Ratio Lower Upper
43 100
55 26.0 23.4 35.2

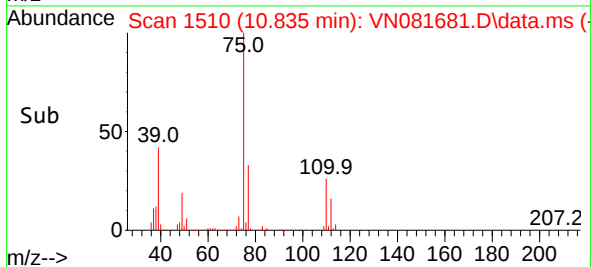
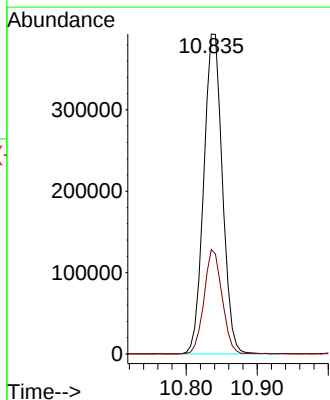
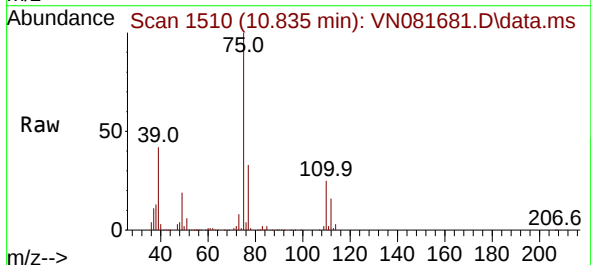
Manual Integrations
APPROVED

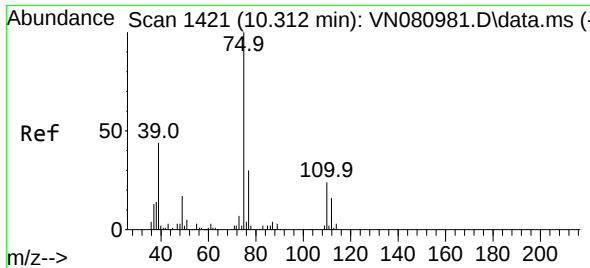
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#48
t-1,3-Dichloropropene
Concen: 105.113 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

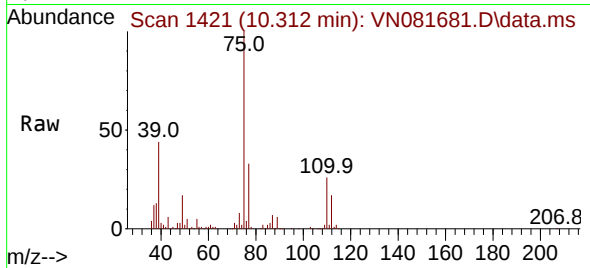
Tgt Ion: 75 Resp: 718314
Ion Ratio Lower Upper
75 100
77 32.6 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 103.553 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN081681.D
 Acq: 10 Apr 2024 14:25

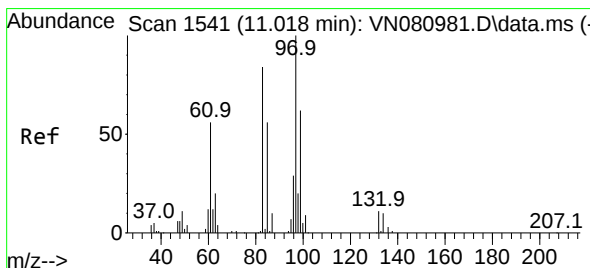
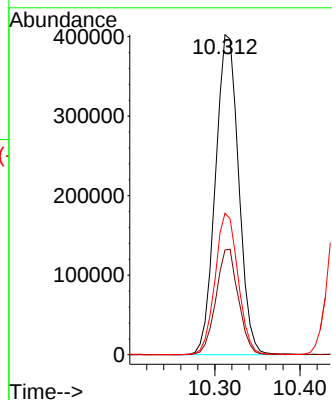
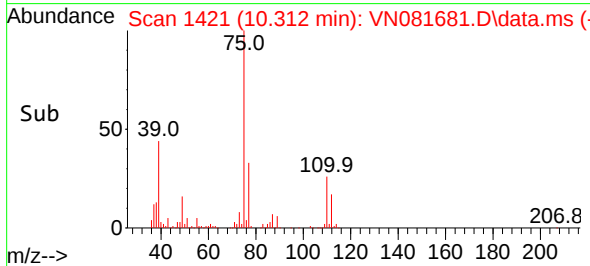
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



Tgt Ion: 75 Resp: 762065
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.9 37.3
 39 44.2 31.0 46.6

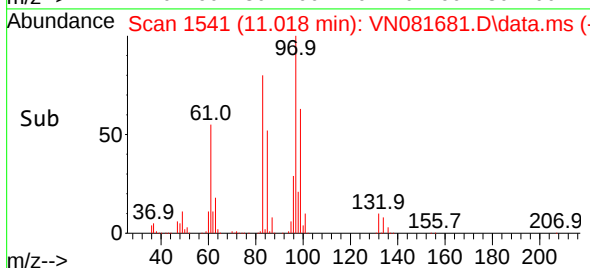
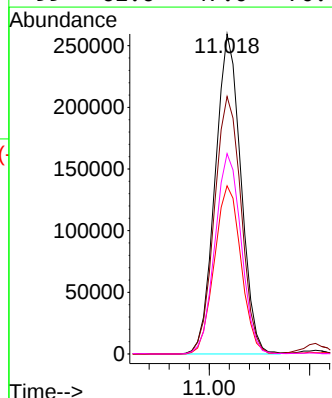
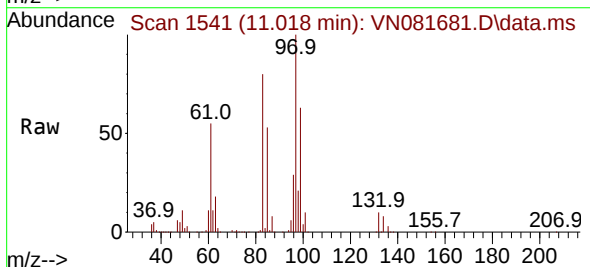
Manual Integrations
 APPROVED

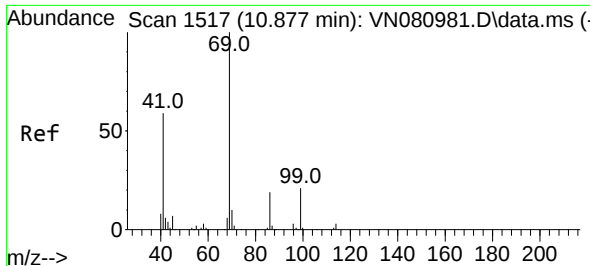
Reviewed By :John Carlone 04/11/2024
 Supervised By :Mahesh Dadoda 04/11/2024



#50
 1,1,2-Trichloroethane
 Concen: 98.084 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN081681.D
 Acq: 10 Apr 2024 14:25

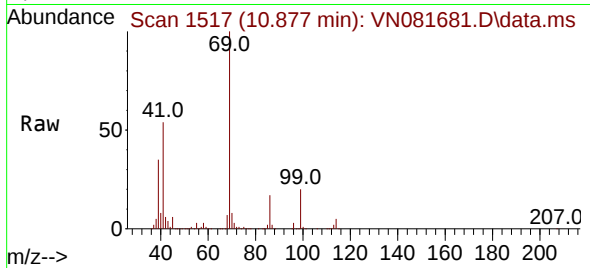
Tgt Ion: 97 Resp: 461965
 Ion Ratio Lower Upper
 97 100
 83 80.4 68.1 102.1
 85 52.6 41.8 62.6
 99 62.6 47.0 70.4





#51
Ethyl methacrylate
Concen: 109.036 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

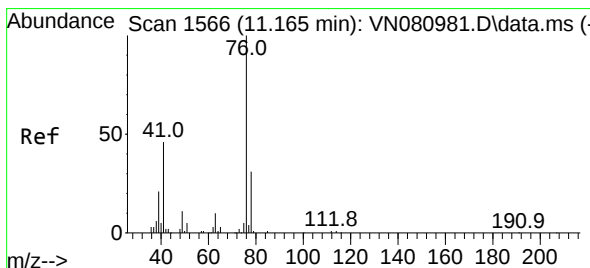
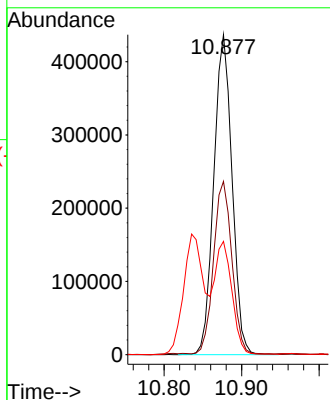
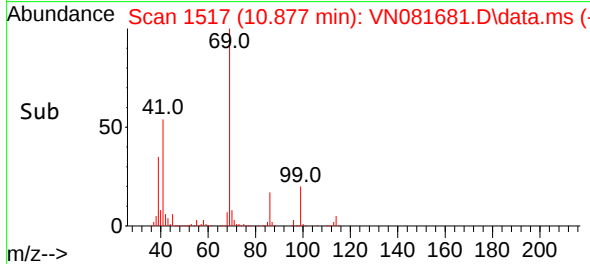
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



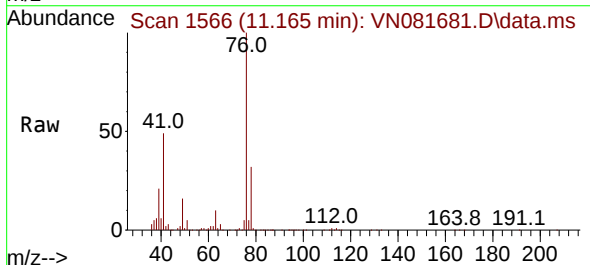
Tgt Ion: 69 Resp: 715068
Ion Ratio Lower Upper
69 100
41 53.9 25.5 76.5
39 35.3 16.0 47.9

Manual Integrations
APPROVED

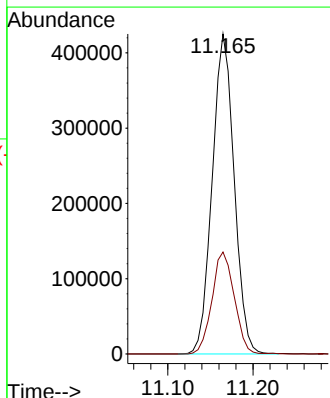
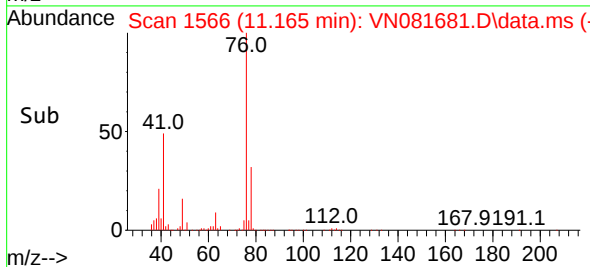
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

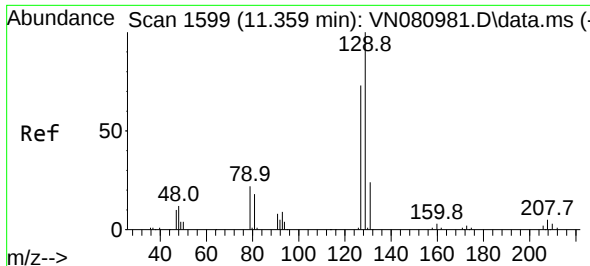


#52
1,3-Dichloropropane
Concen: 98.445 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25



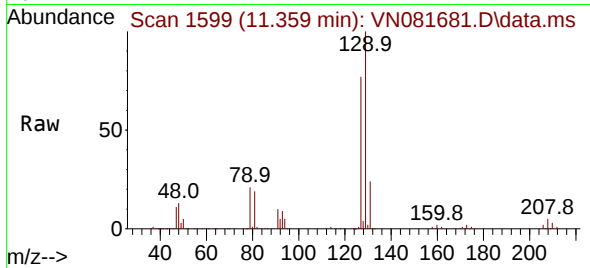
Tgt Ion: 76 Resp: 759995
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.8





#53
Dibromochloromethane
Concen: 102.457 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

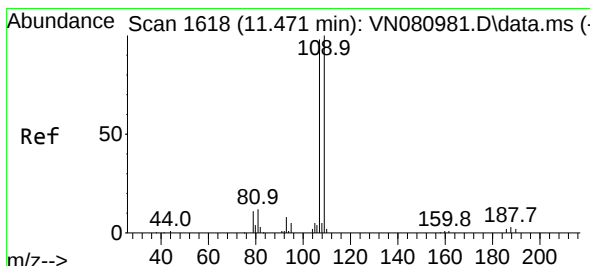
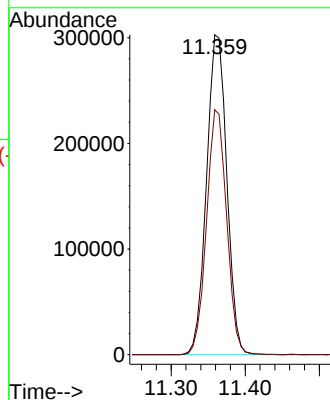
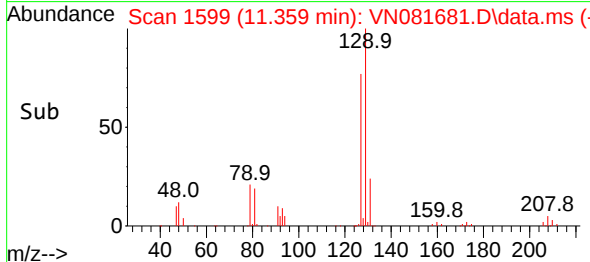
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



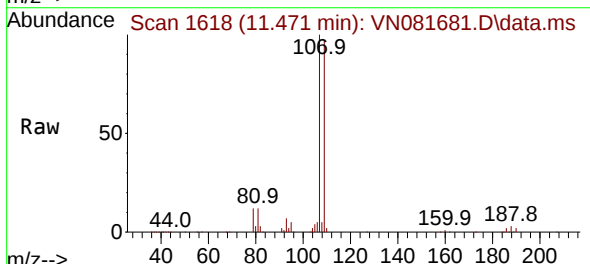
Tgt Ion:129 Resp: 576449
Ion Ratio Lower Upper
129 100
127 75.9 39.4 118.1

Manual Integrations
APPROVED

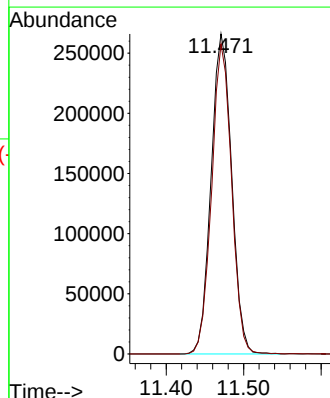
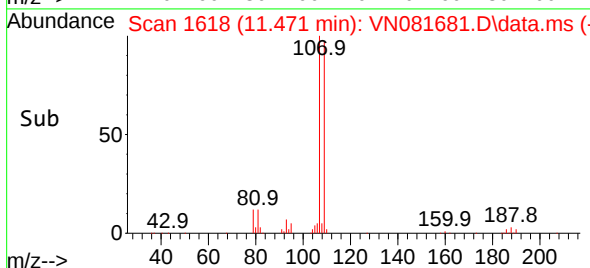
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

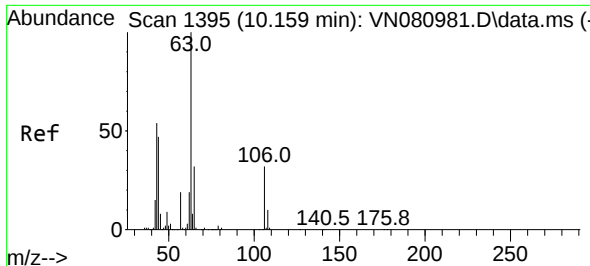


#54
1,2-Dibromoethane
Concen: 100.784 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25



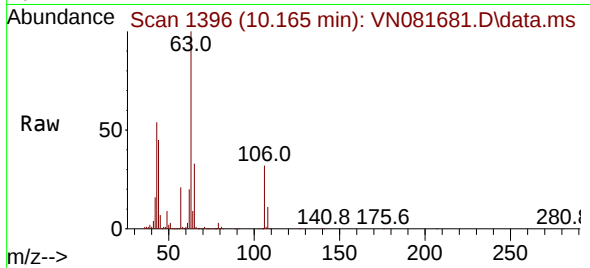
Tgt Ion:107 Resp: 490658
Ion Ratio Lower Upper
107 100
109 93.6 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 549.760 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

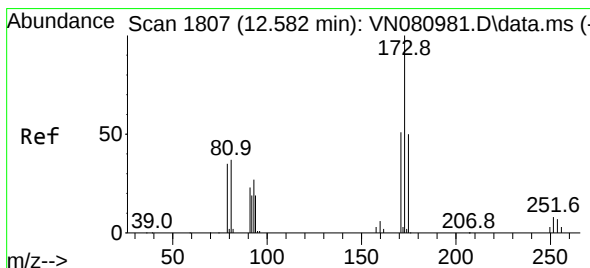
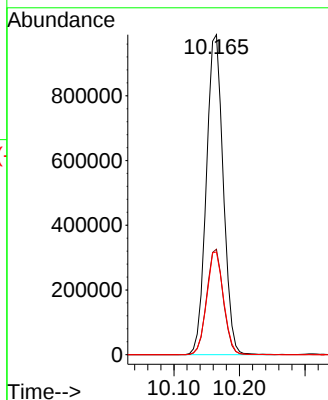
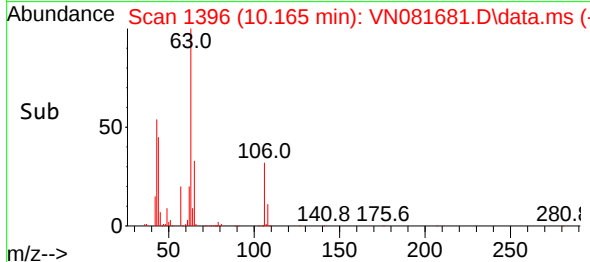
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 1770479
Ion Ratio Lower Upper
63 100
65 32.3 26.2 39.2
106 32.2 23.8 35.8

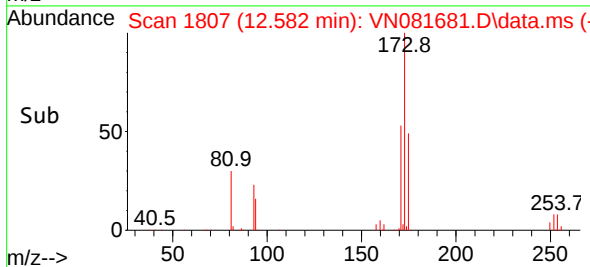
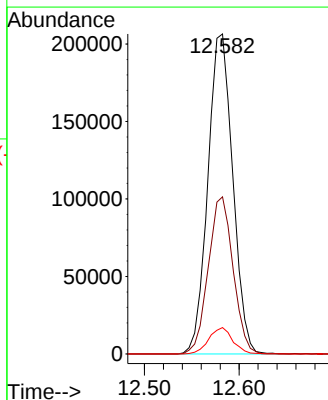
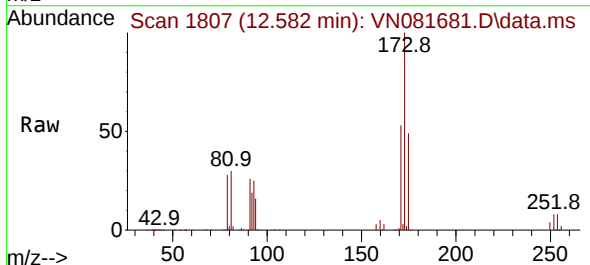
Manual Integrations
APPROVED

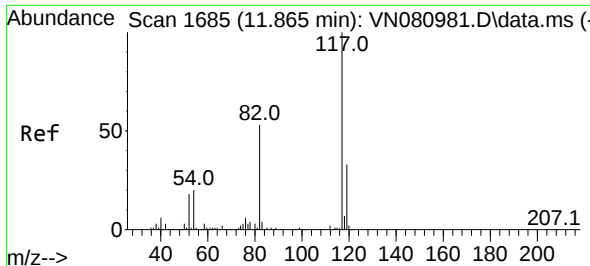
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#56
Bromoform
Concen: 104.921 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

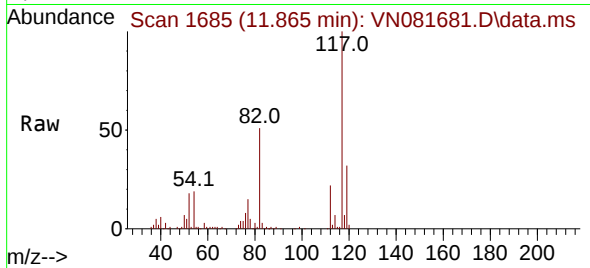
Tgt Ion:173 Resp: 377460
Ion Ratio Lower Upper
173 100
175 48.8 40.0 60.0
254 7.9 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

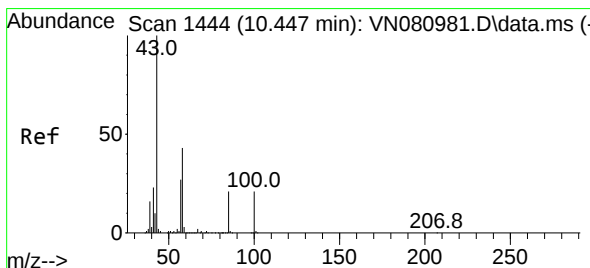
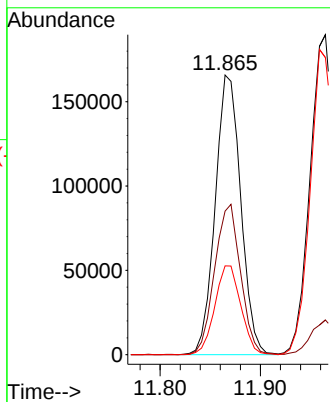
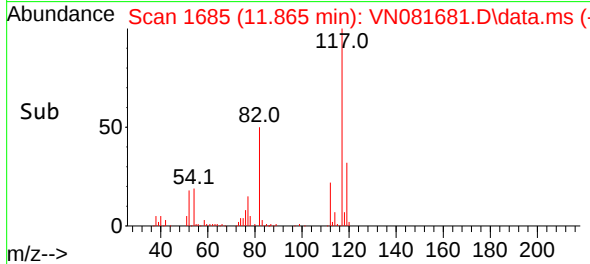
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 117 Resp: 29388
Ion Ratio Lower Upper
117 100
82 54.5 46.6 69.8
119 32.3 25.4 38.2

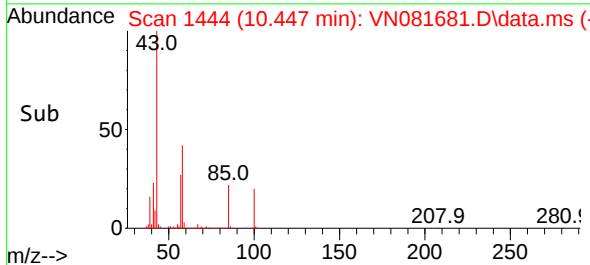
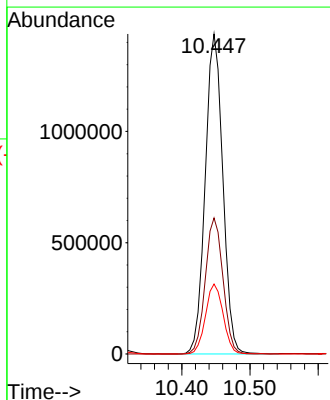
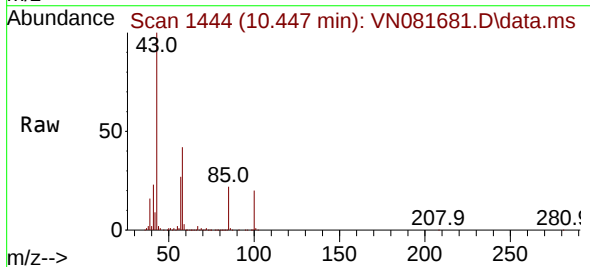
Manual Integrations
APPROVED

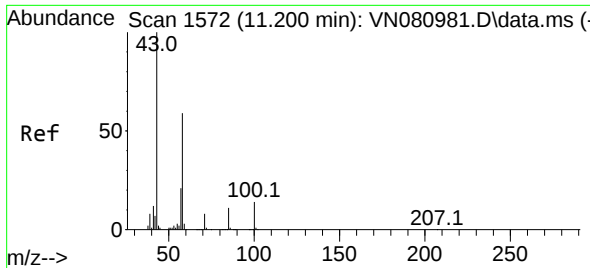
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#58
4-Methyl-2-Pentanone
Concen: 511.334 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

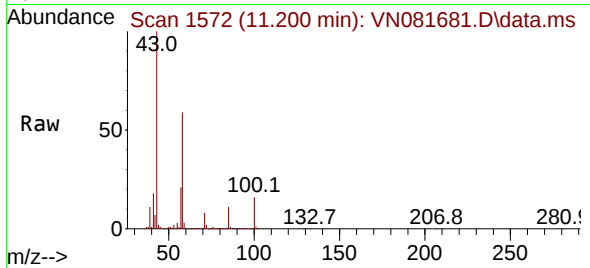
Tgt Ion: 43 Resp: 2584240
Ion Ratio Lower Upper
43 100
58 42.7 36.5 54.7
85 21.9 19.5 29.3





#59
2-Hexanone
Concen: 512.494 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

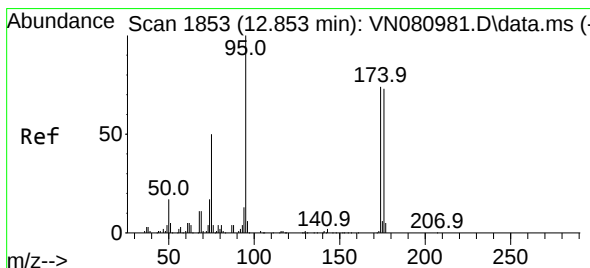
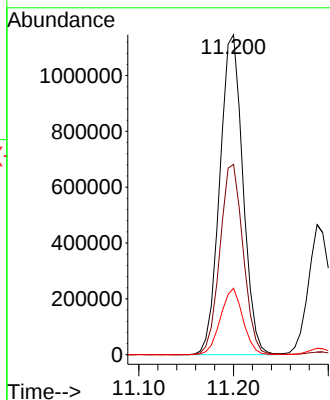
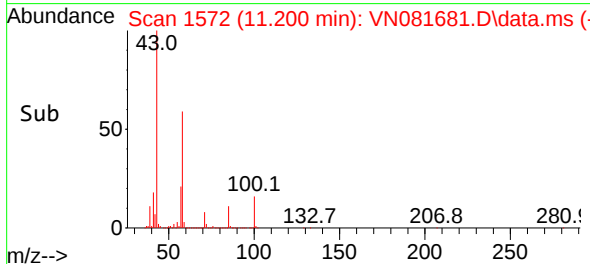
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 194518
Ion Ratio Lower Upper
43 100
58 59.8 50.4 75.6
57 20.1 18.6 27.8

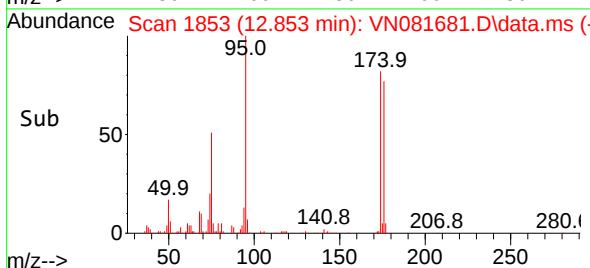
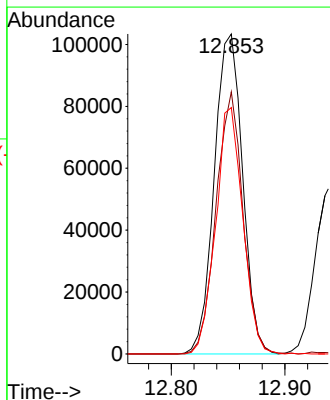
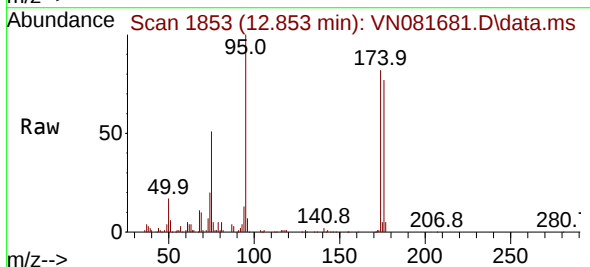
Manual Integrations
APPROVED

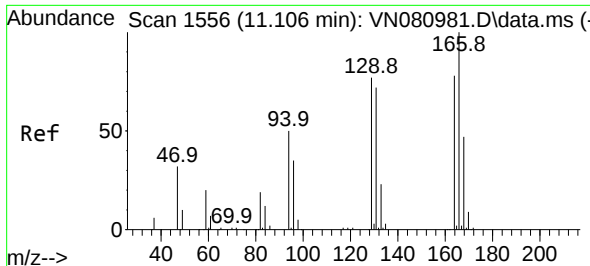
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#60
4-Bromofluorobenzene
Concen: 30.956 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

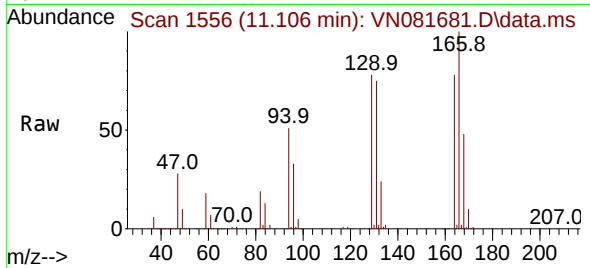
Tgt Ion: 95 Resp: 178862
Ion Ratio Lower Upper
95 100
174 77.9 60.5 90.7
176 74.1 57.8 86.6





#61
Tetrachloroethene
Concen: 100.254 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

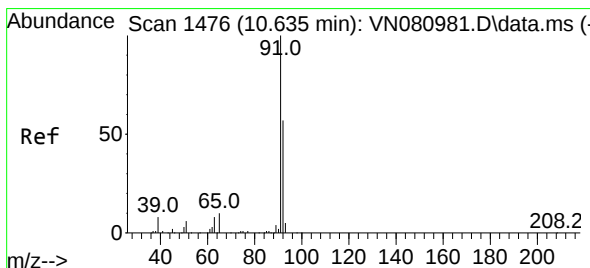
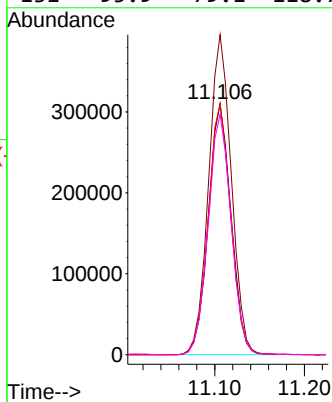
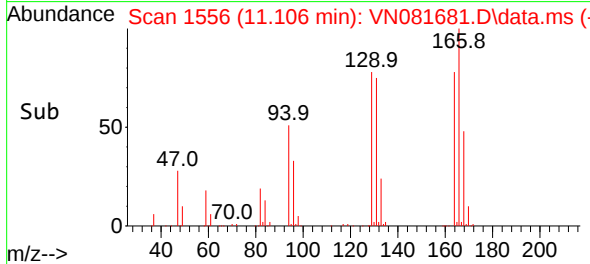
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



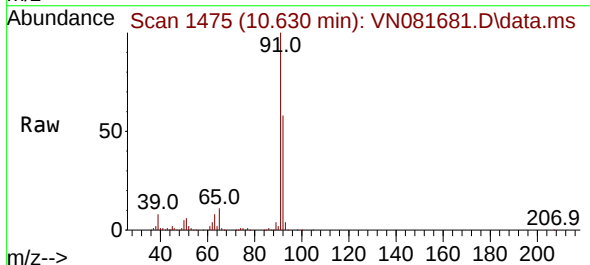
Tgt Ion:164 Resp: 54593
Ion Ratio Lower Upper
164 100
166 127.7 106.7 160.1
129 100.2 85.8 128.6
131 95.9 79.1 118.7

Manual Integrations
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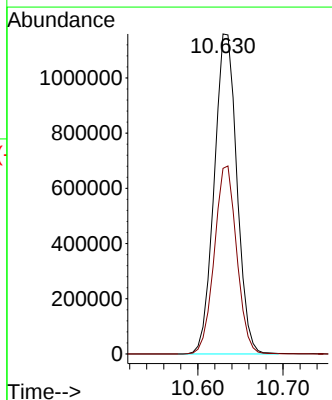
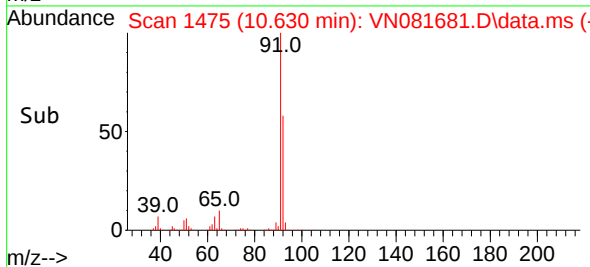
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

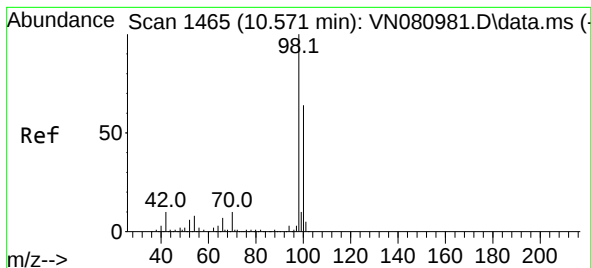


#62
Toluene
Concen: 100.360 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25



Tgt Ion: 91 Resp: 2145755
Ion Ratio Lower Upper
91 100
92 57.9 46.5 69.7





#63

Toluene-d8

Concen: 29.792 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081681.D

Acq: 10 Apr 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 98 Resp: 351199

Ion Ratio Lower Upper

98 100

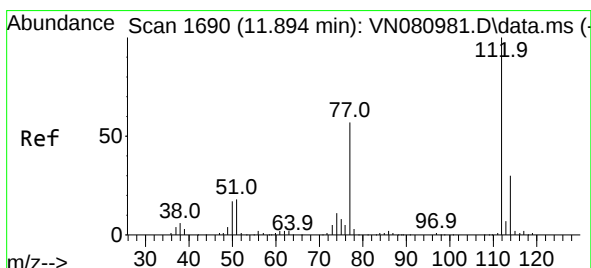
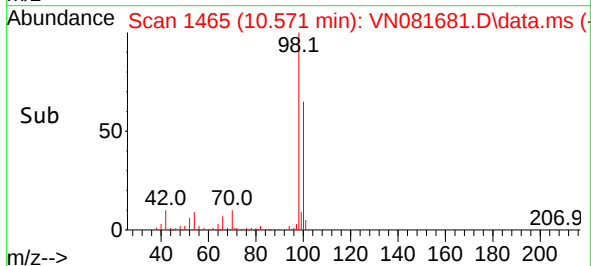
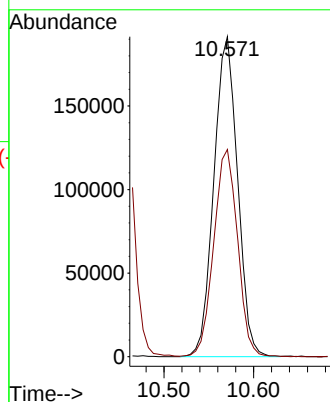
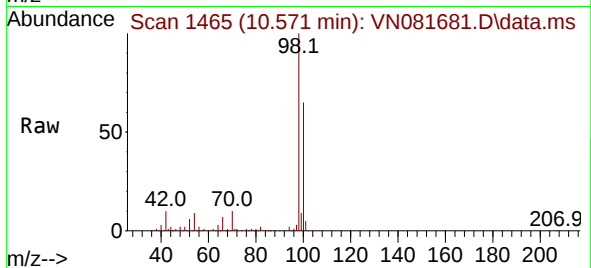
100 65.2 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#64

Chlorobenzene

Concen: 101.617 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN081681.D

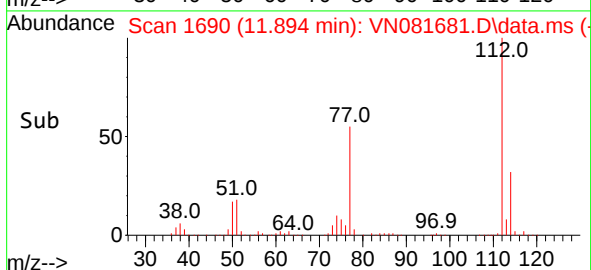
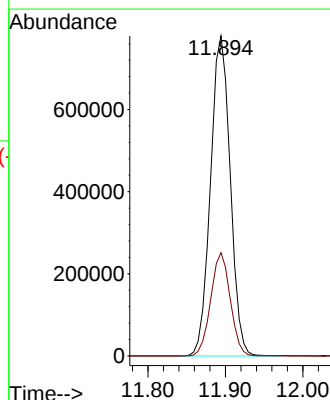
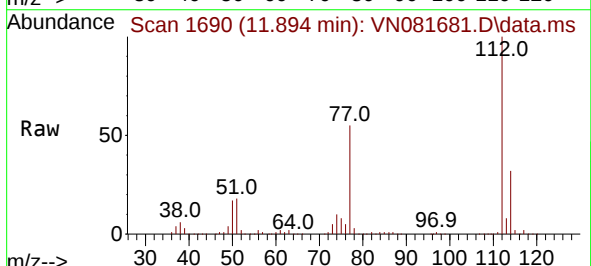
Acq: 10 Apr 2024 14:25

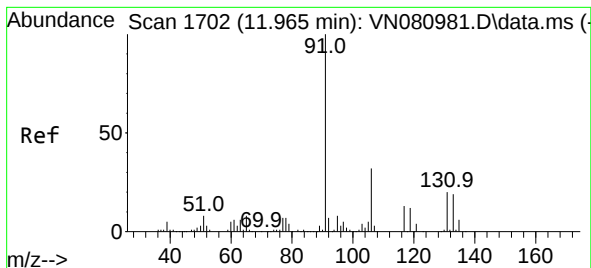
Tgt Ion:112 Resp: 1377663

Ion Ratio Lower Upper

112 100

114 32.2 26.6 39.8





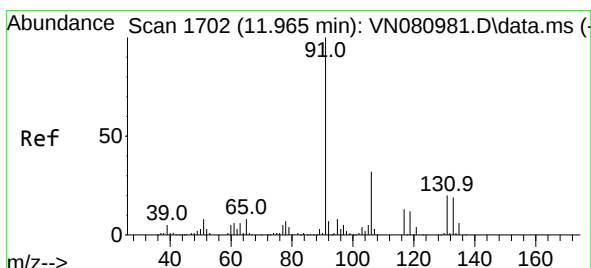
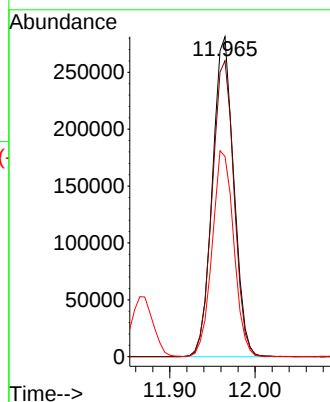
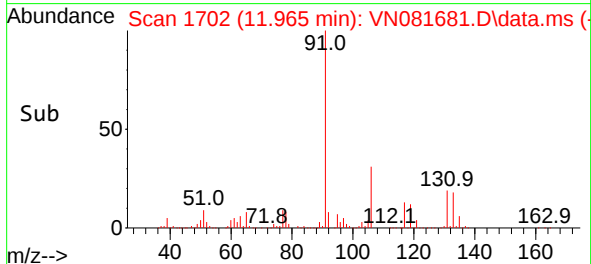
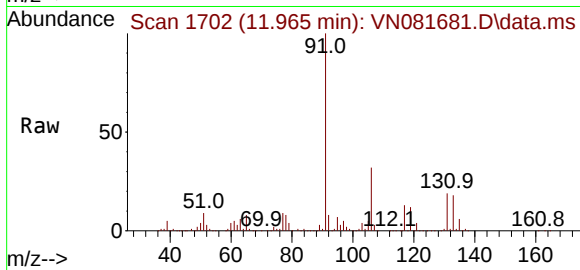
#65
1,1,1,2-Tetrachloroethane
Concen: 99.672 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:131 Resp: 490860
Ion Ratio Lower Upper
131 100
133 94.4 0.0 188.0
119 64.9 0.0 122.8

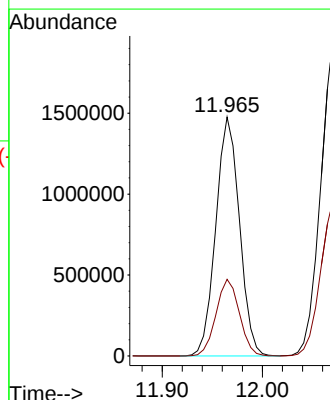
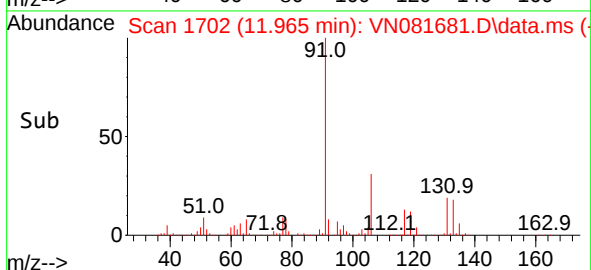
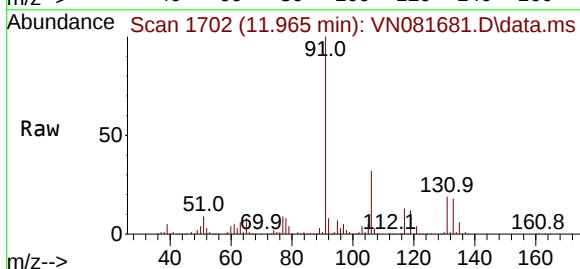
Manual Integrations
APPROVED

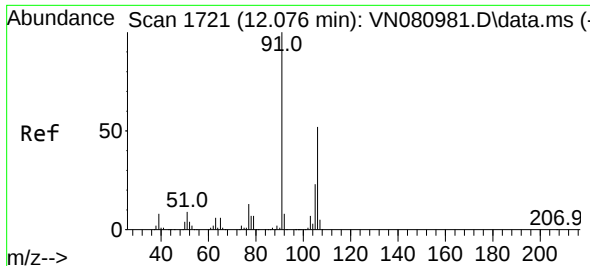
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#66
Ethyl Benzene
Concen: 106.301 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Tgt Ion: 91 Resp: 2416432
Ion Ratio Lower Upper
91 100
106 32.1 24.4 36.6





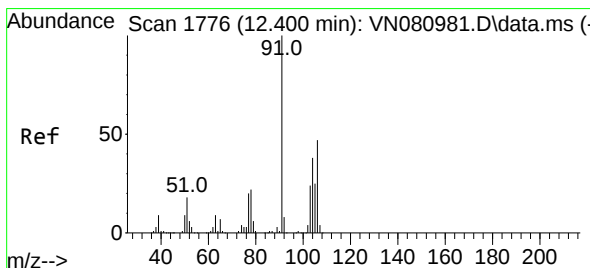
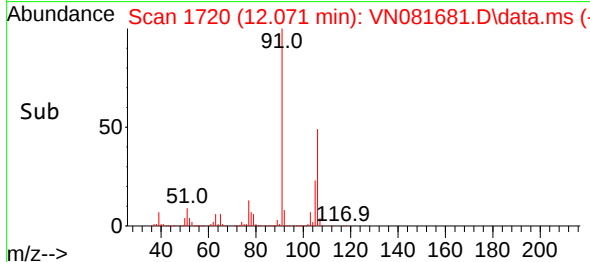
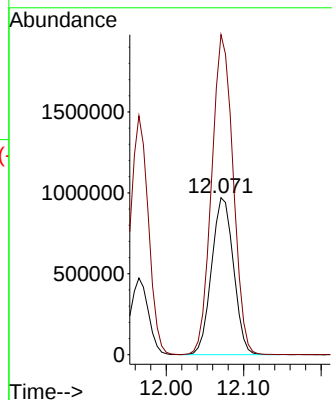
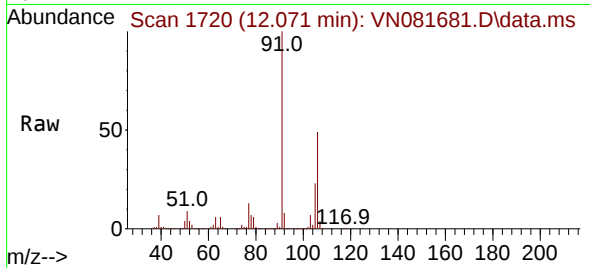
#67
m/p-Xylenes
Concen: 211.640 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 190569
Ion Ratio Lower Upper
106 100
91 199.9 166.6 249.8

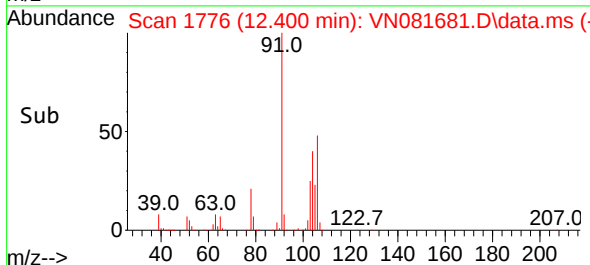
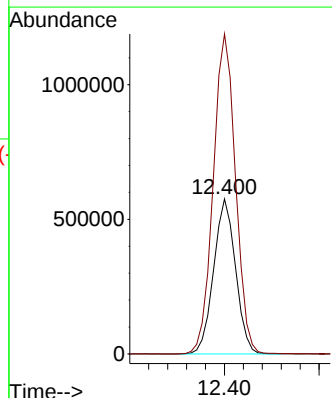
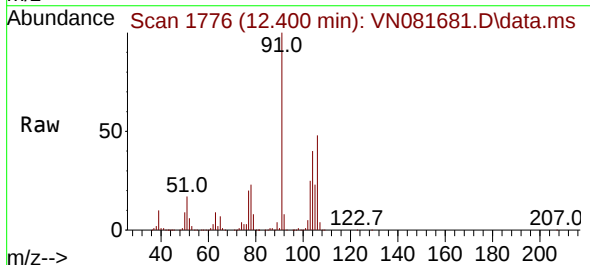
Manual Integrations
APPROVED

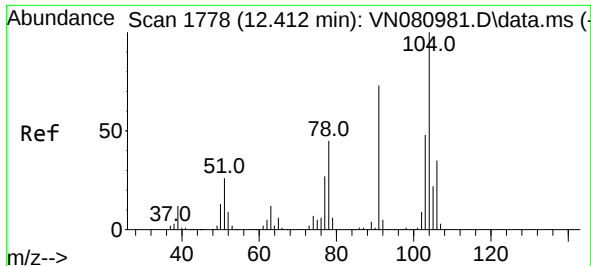
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#68
o-Xylene
Concen: 108.093 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Tgt Ion:106 Resp: 923991
Ion Ratio Lower Upper
106 100
91 209.9 110.0 330.0





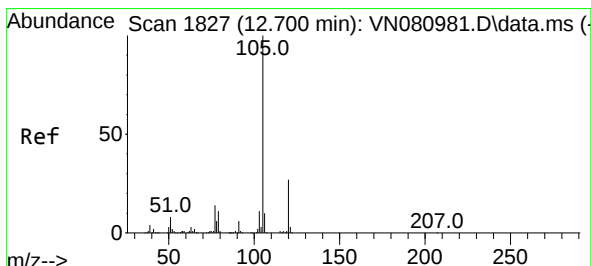
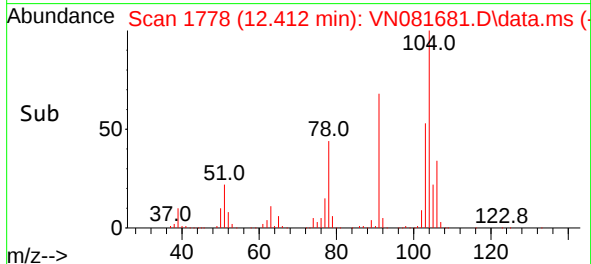
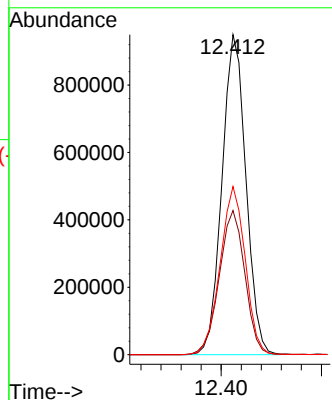
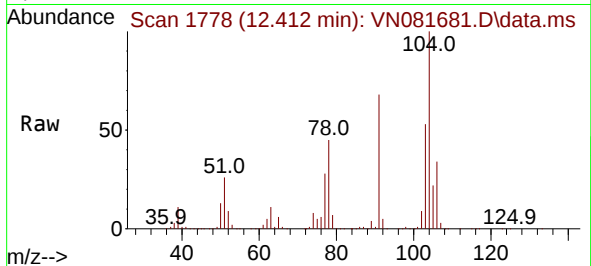
#69
Styrene
Concen: 108.029 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:104 Resp: 1572679
Ion Ratio Lower Upper
104 100
78 48.1 42.6 64.0
103 55.0 43.7 65.5

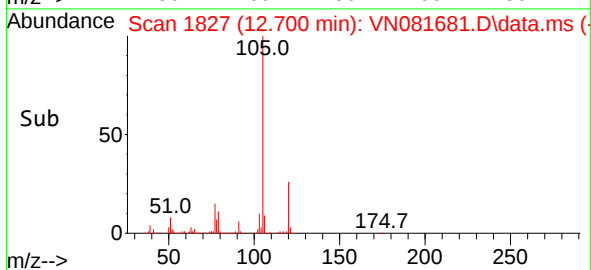
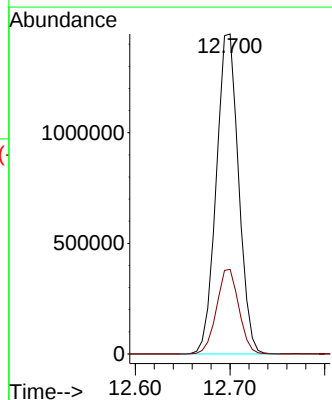
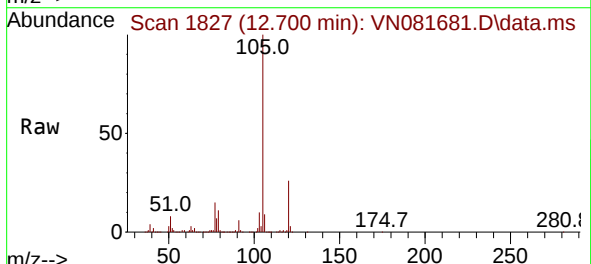
Manual Integrations
APPROVED

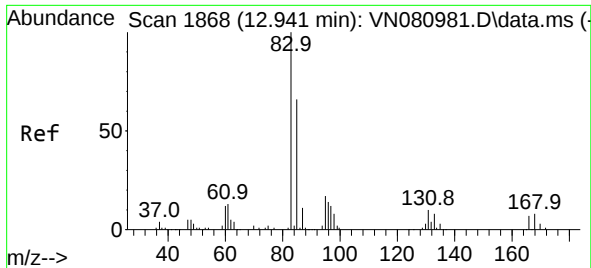
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#70
Isopropylbenzene
Concen: 107.358 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Tgt Ion:105 Resp: 2367546
Ion Ratio Lower Upper
105 100
120 26.4 17.8 33.1





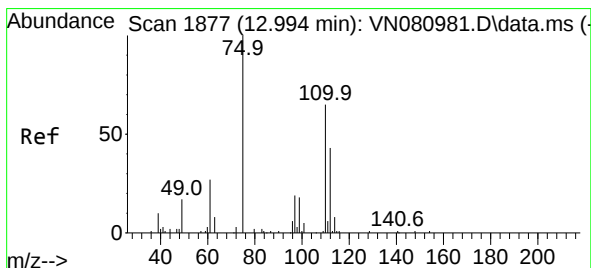
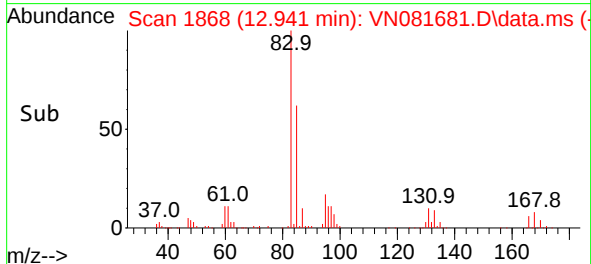
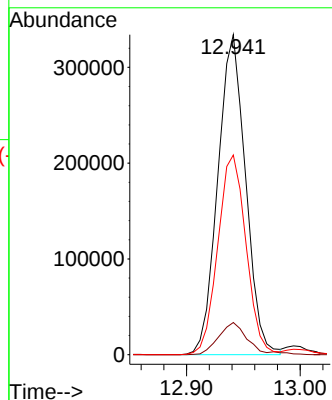
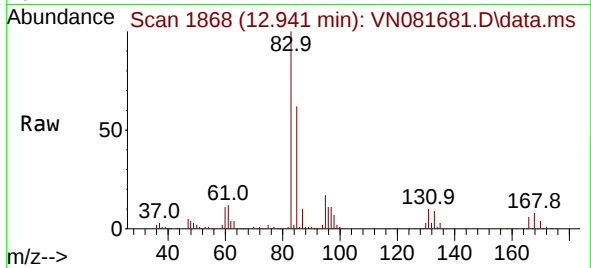
#71
 1,1,2,2-Tetrachloroethane
 Concen: 98.663 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN081681.D
 Acq: 10 Apr 2024 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 83 Resp: 568360
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.2 15.6
 85 63.3 32.3 96.8

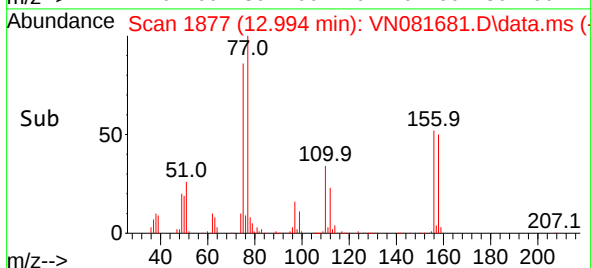
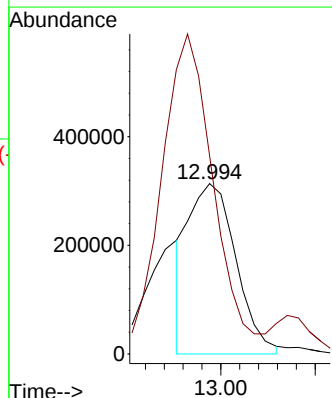
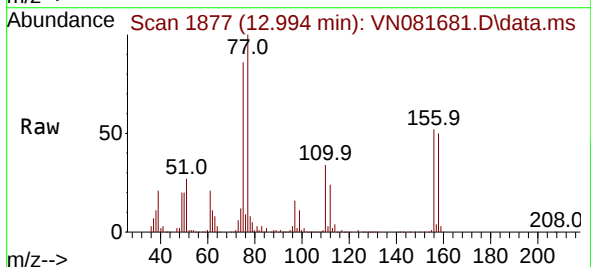
Manual Integrations
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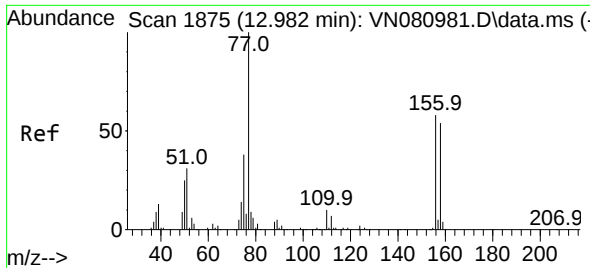
Reviewed By :John Carlone 04/11/2024
 Supervised By :Mahesh Dadoda 04/11/2024



#72
 1,2,3-Trichloropropane
 Concen: 67.745 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN081681.D
 Acq: 10 Apr 2024 14:25

Tgt Ion: 75 Resp: 550377
 Ion Ratio Lower Upper
 75 100
 77 205.7 0.0 367.6





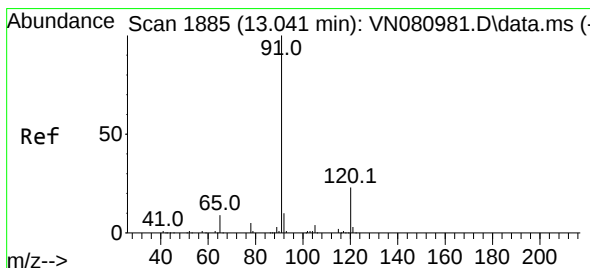
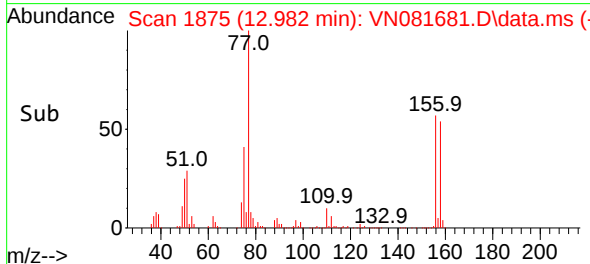
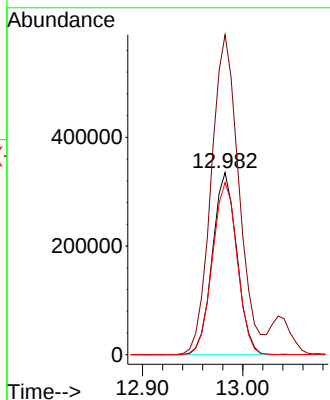
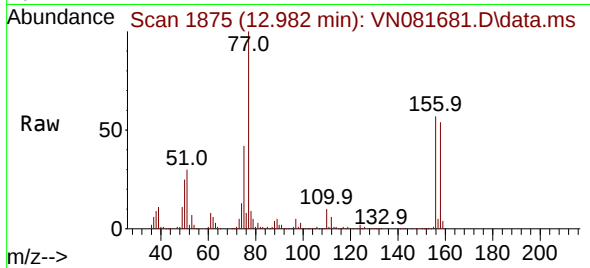
#73
Bromobenzene
Concen: 103.397 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 565000
Ion Ratio Lower Upper
156 100
77 200.4 0.0 437.6
158 96.3 0.0 203.8

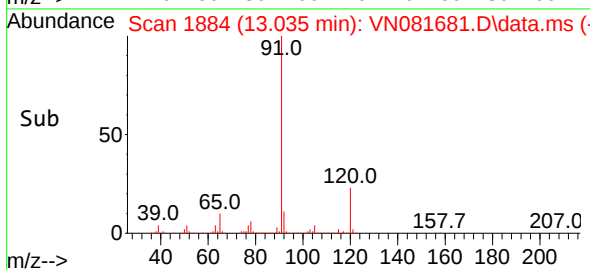
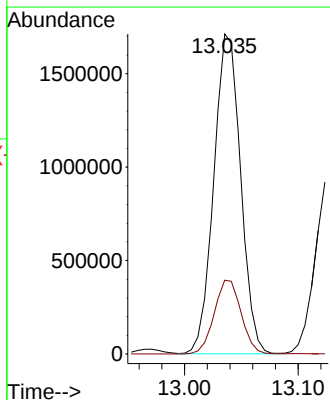
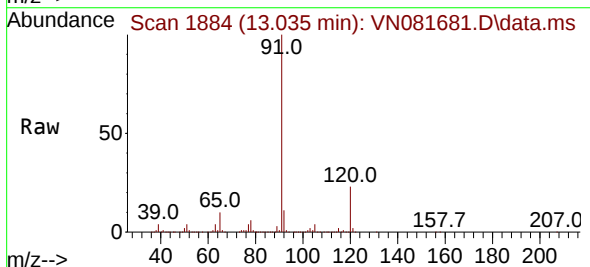
Manual Integrations
APPROVED

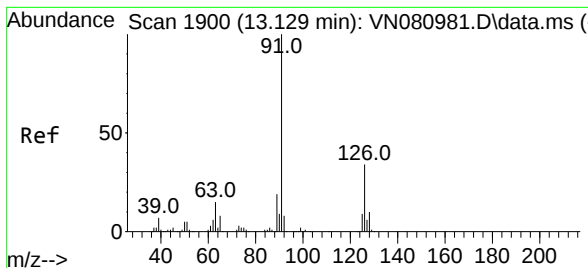
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#74
n-propylbenzene
Concen: 106.381 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Tgt Ion: 91 Resp: 2809761
Ion Ratio Lower Upper
91 100
120 23.0 0.0 43.8





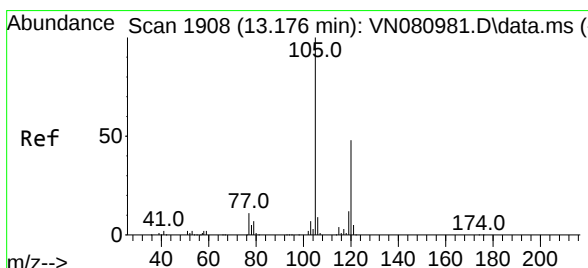
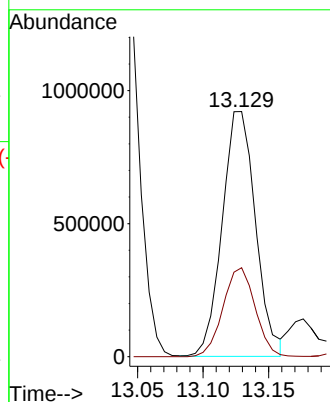
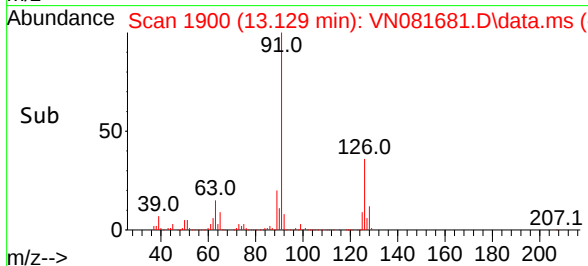
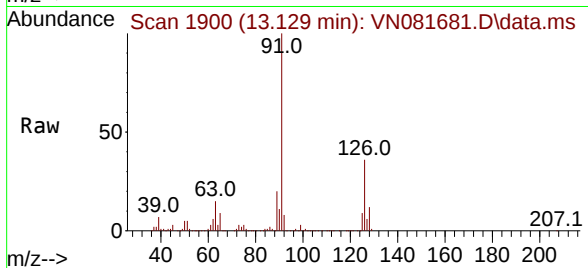
#75
2-Chlorotoluene
Concen: 103.695 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 163078
Ion Ratio Lower Upper
91 100
126 34.9 0.0 61.2

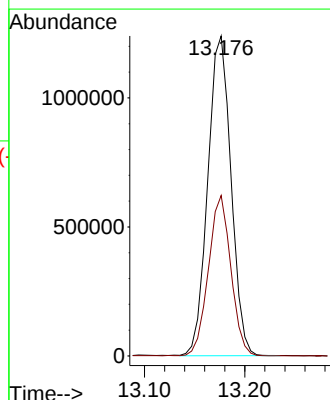
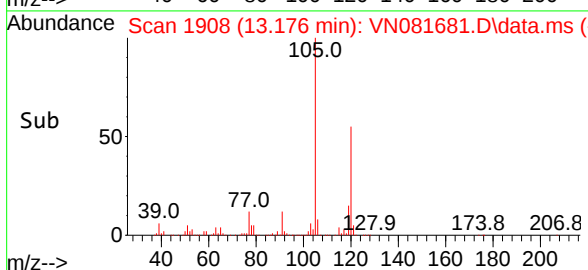
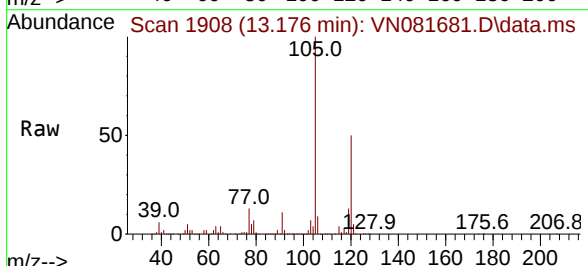
Manual Integrations
APPROVED

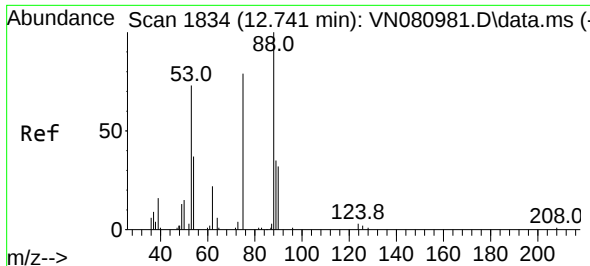
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#76
1,3,5-Trimethylbenzene
Concen: 106.638 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

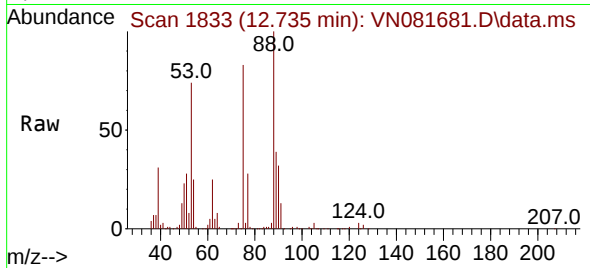
Tgt Ion:105 Resp: 1996019
Ion Ratio Lower Upper
105 100
120 48.5 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 108.392 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

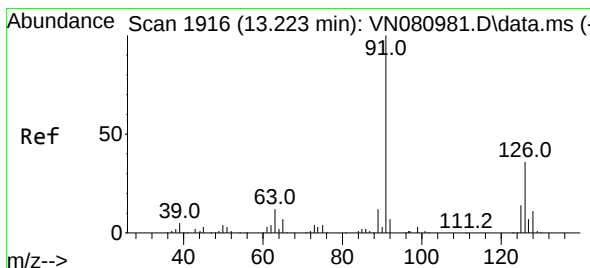
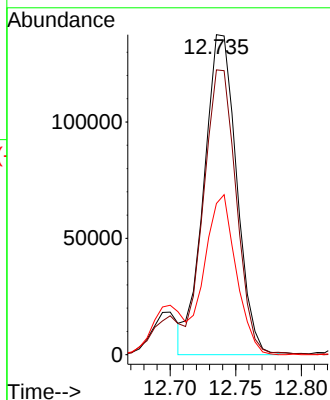
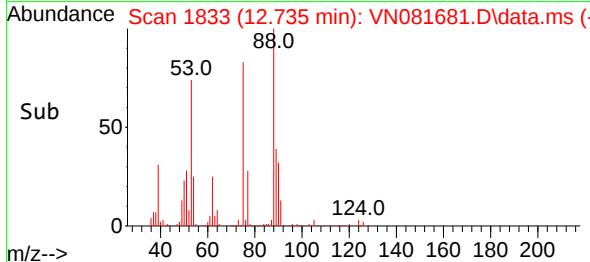
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 23940
Ion Ratio Lower Upper
75 100
53 88.7 45.9 137.7
89 47.5 25.9 77.7

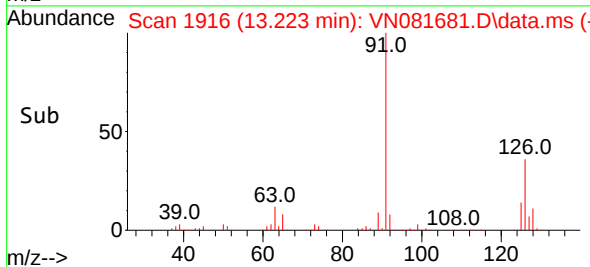
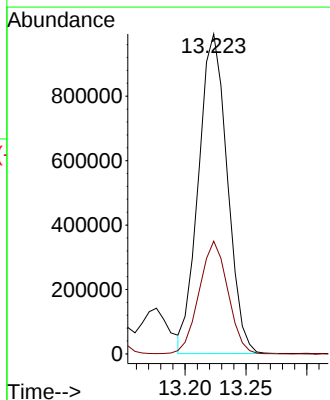
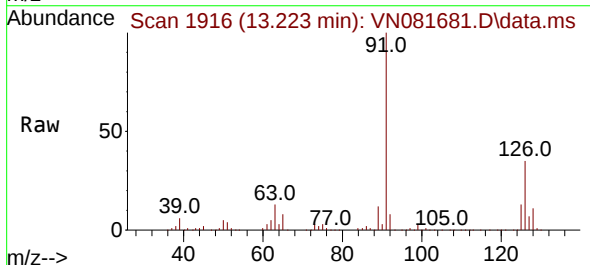
Manual Integrations
APPROVED

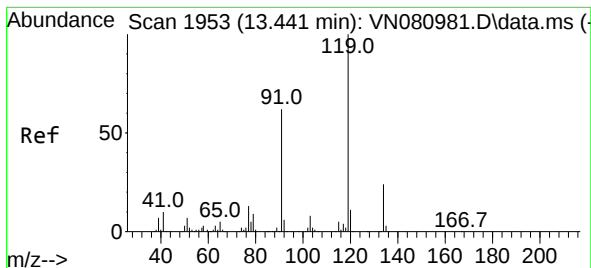
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#78
4-Chlorotoluene
Concen: 104.656 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

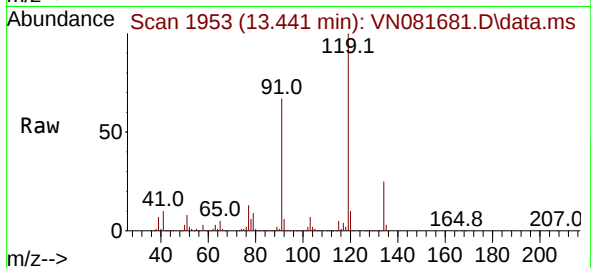
Tgt Ion: 91 Resp: 1632463
Ion Ratio Lower Upper
91 100
126 35.4 0.0 62.8





#79
tert-butylbenzene
Concen: 108.533 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

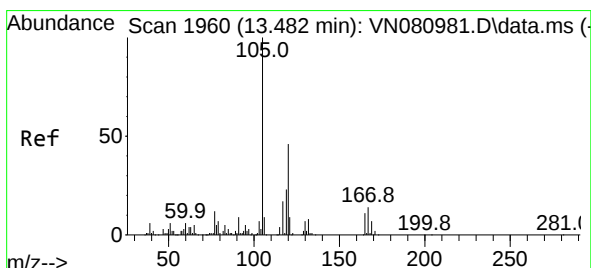
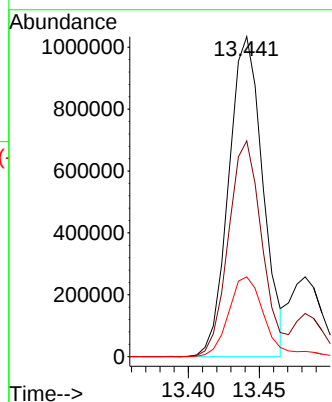
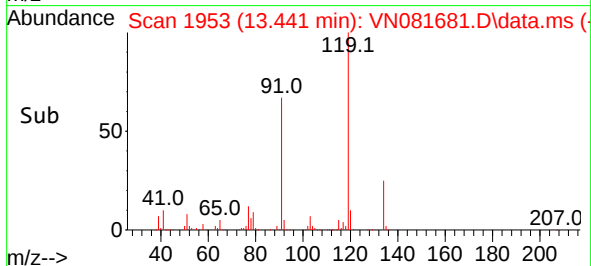
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



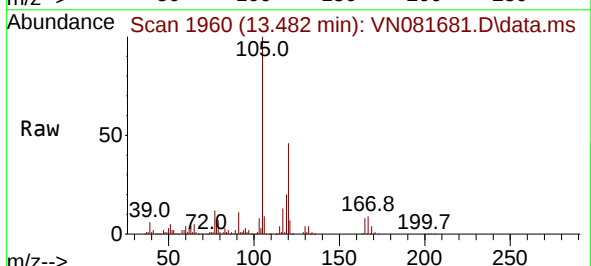
Tgt Ion:119 Resp: 1728299
Ion Ratio Lower Upper
119 100
91 67.1 0.0 138.8
134 25.6 0.0 48.6

Manual Integrations
APPROVED

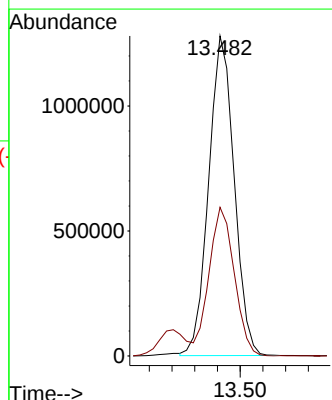
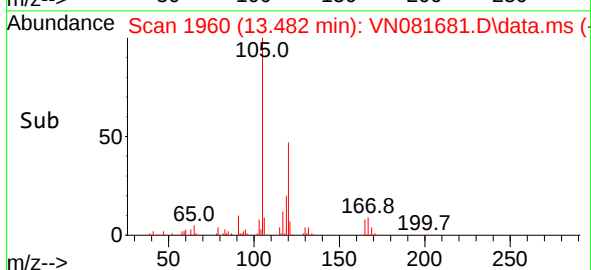
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

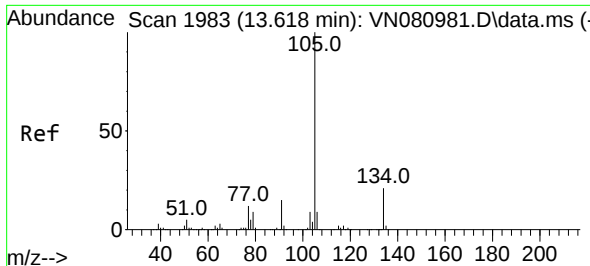


#80
1,2,4-Trimethylbenzene
Concen: 106.716 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25



Tgt Ion:105 Resp: 1992046
Ion Ratio Lower Upper
105 100
120 45.9 0.0 86.8





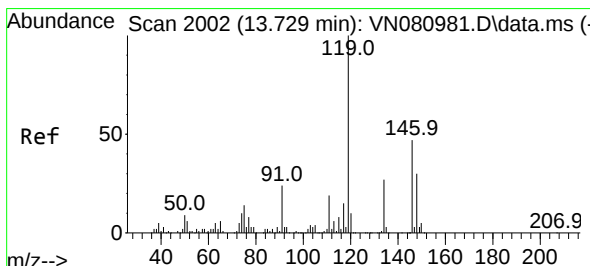
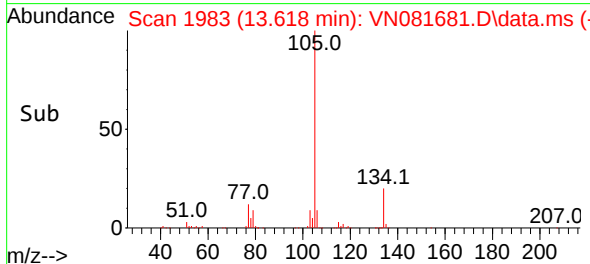
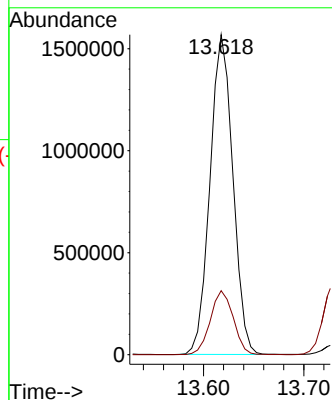
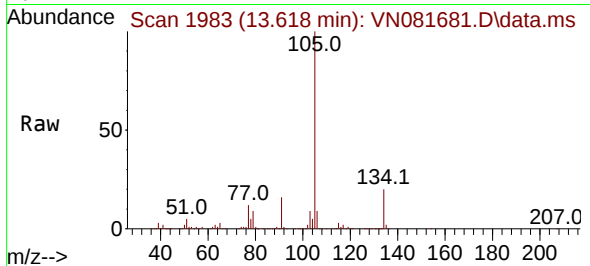
#81
 sec-Butylbenzene
 Concen: 108.218 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081681.D
 Acq: 10 Apr 2024 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 2485270
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 39.0

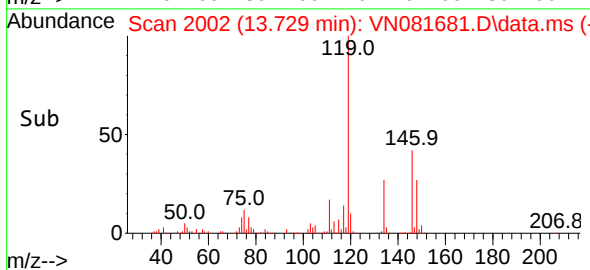
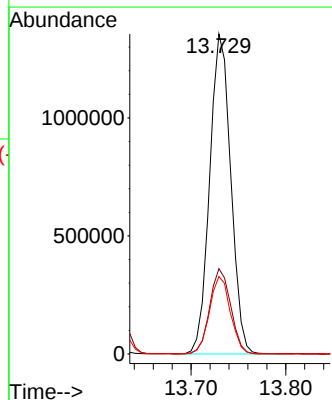
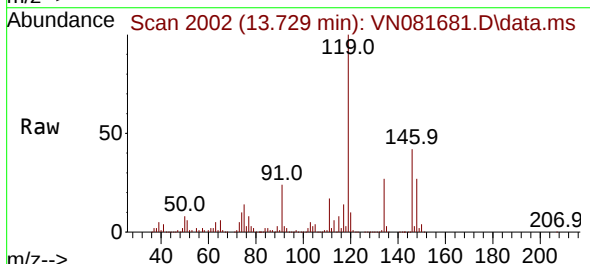
Manual Integrations
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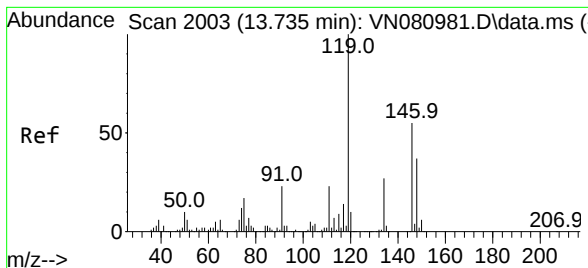
Reviewed By :John Carlone 04/11/2024
 Supervised By :Mahesh Dadoda 04/11/2024



#82
 p-Isopropyltoluene
 Concen: 109.262 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081681.D
 Acq: 10 Apr 2024 14:25

Tgt Ion:119 Resp: 2104443
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 49.2
 91 23.9 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 104.608 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081681.D

Acq: 10 Apr 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 1068290

Ion Ratio Lower Upper

146 100

111 40.9 22.4 67.0

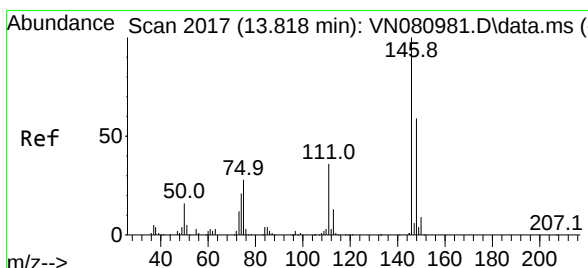
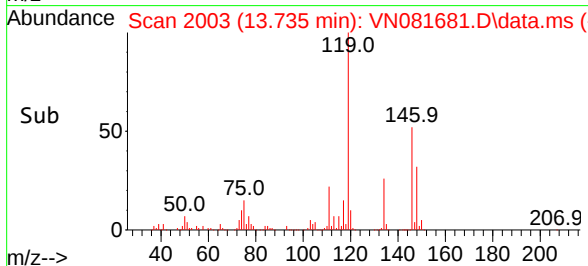
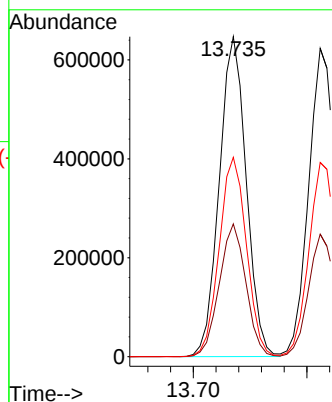
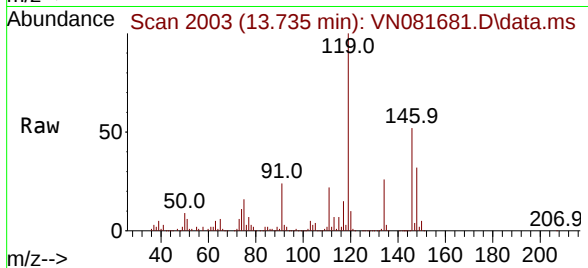
148 62.9 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#84

1,4-Dichlorobenzene

Concen: 104.627 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN081681.D

Acq: 10 Apr 2024 14:25

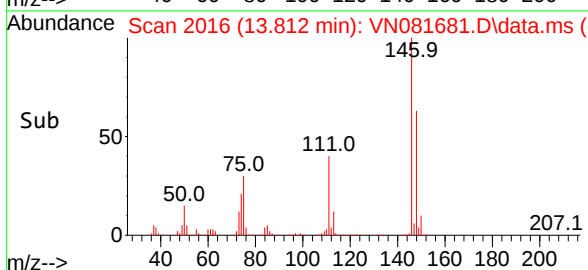
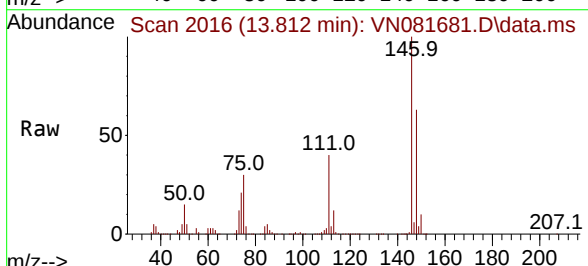
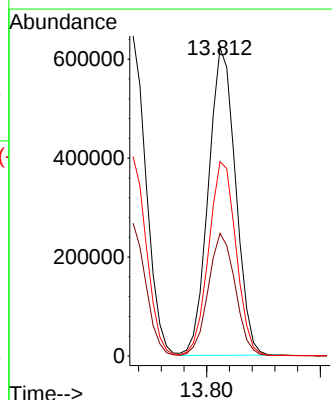
Tgt Ion:146 Resp: 1034309

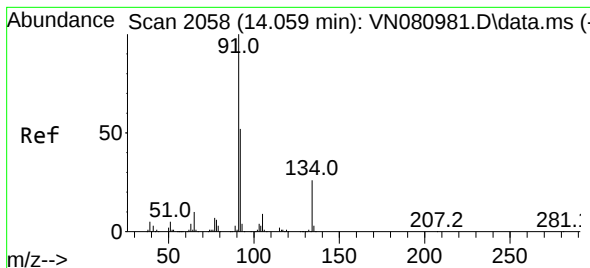
Ion Ratio Lower Upper

146 100

111 39.2 21.3 63.9

148 63.9 31.9 95.5





#85

n-Butylbenzene

Concen: 111.854 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081681.D

Acq: 10 Apr 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 1814670

Ion Ratio Lower Upper

91 100

92 52.9 0.0 105.0

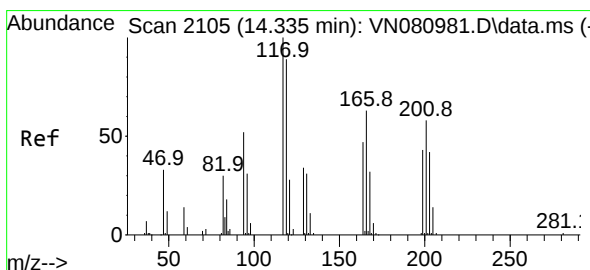
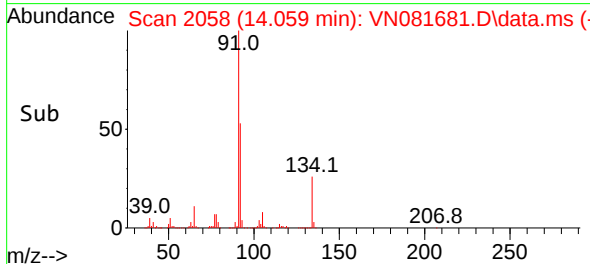
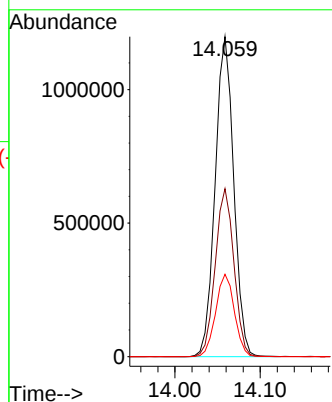
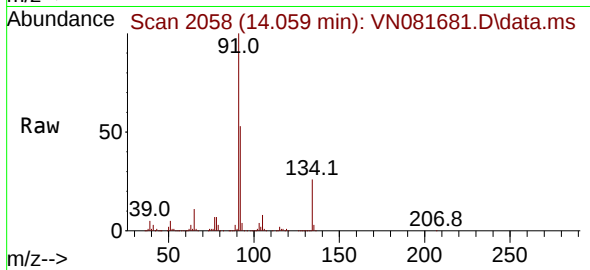
134 26.1 0.0 51.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#86

Hexachloroethane

Concen: 105.736 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081681.D

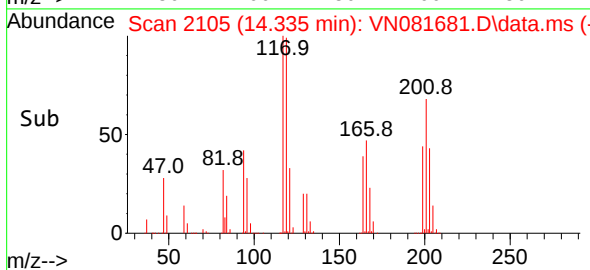
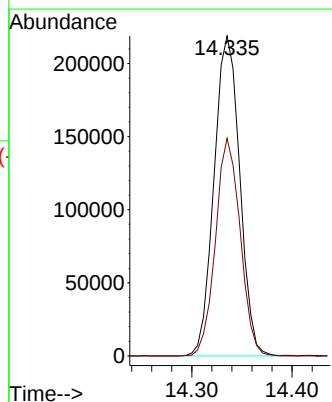
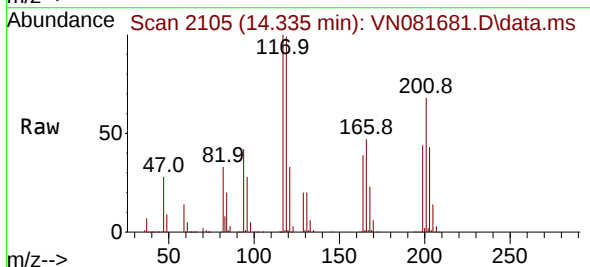
Acq: 10 Apr 2024 14:25

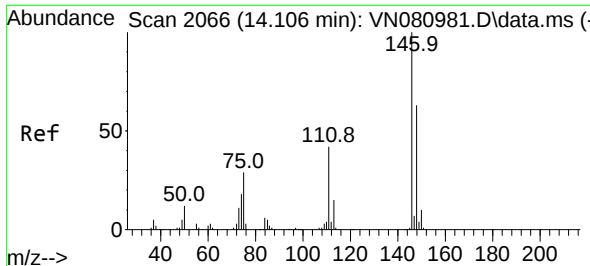
Tgt Ion:117 Resp: 389065

Ion Ratio Lower Upper

117 100

201 65.2 38.0 114.0





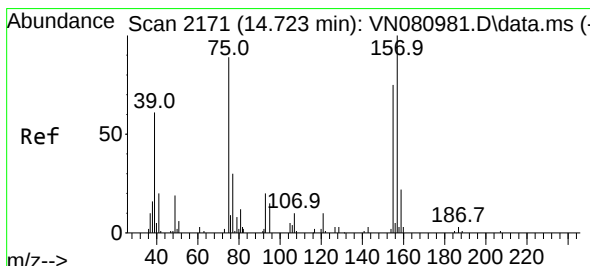
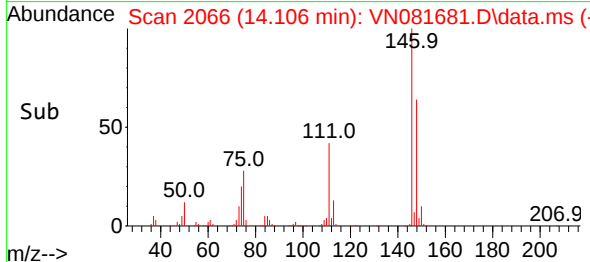
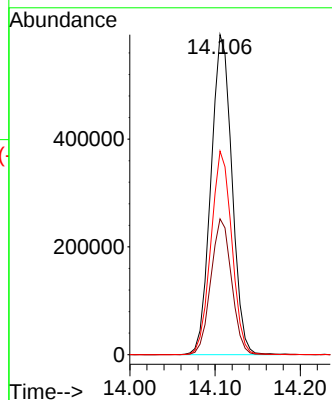
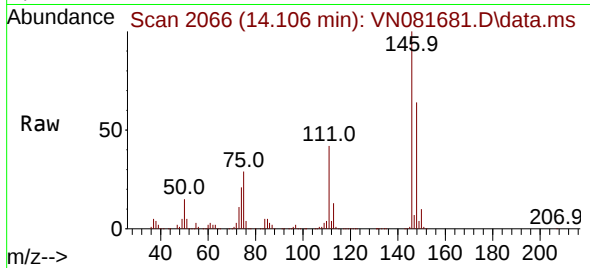
#87
1,2-Dichlorobenzene
Concen: 104.493 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 1015740
Ion Ratio Lower Upper
146 100
111 41.9 22.6 67.8
148 63.4 31.3 93.8

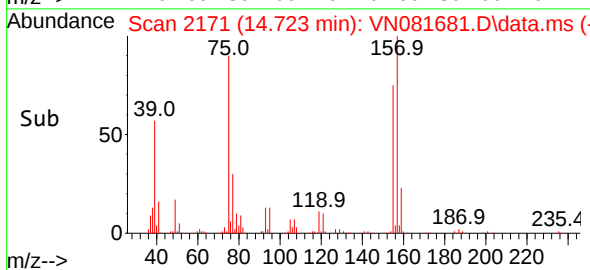
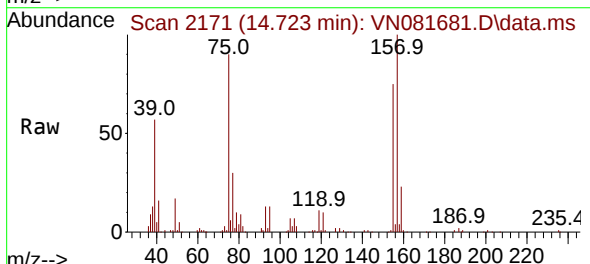
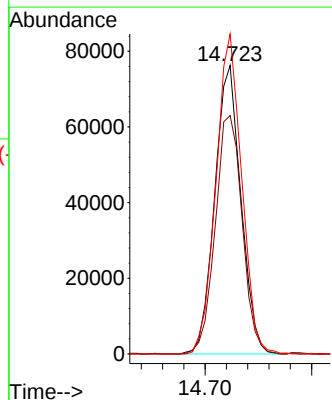
Manual Integrations
APPROVED

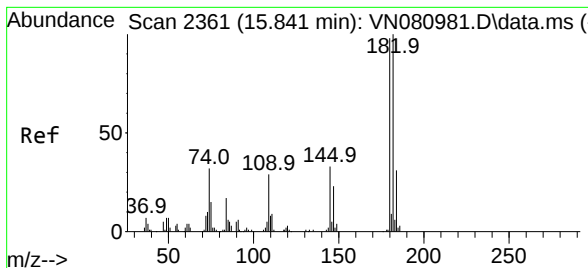
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 103.513 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Tgt Ion: 75 Resp: 129994
Ion Ratio Lower Upper
75 100
155 85.1 61.7 92.5
157 108.8 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 110.087 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN081681.D

Acq: 10 Apr 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

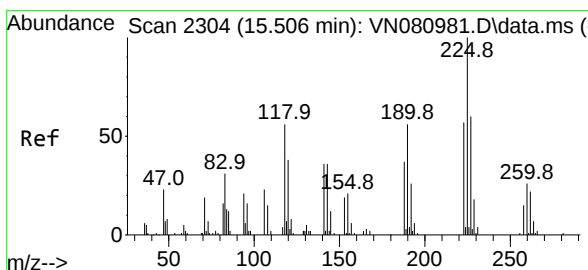
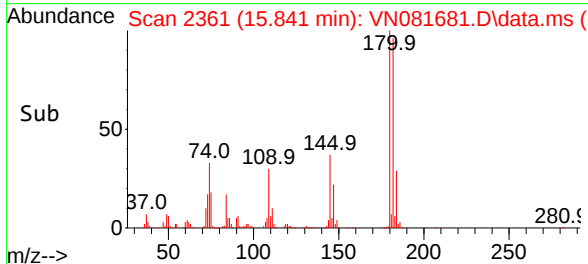
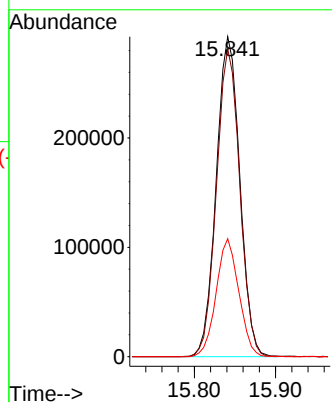
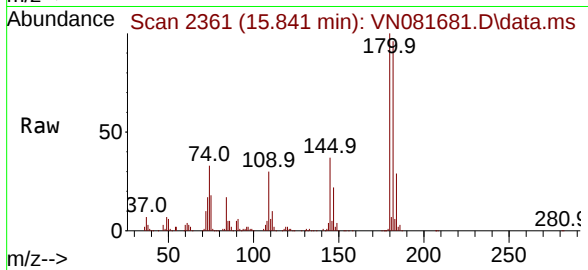
Tgt Ion:	180	Resp:	590590
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.4	114.6
145	35.5	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#90

Hexachlorobutadiene

Concen: 102.821 ug/l

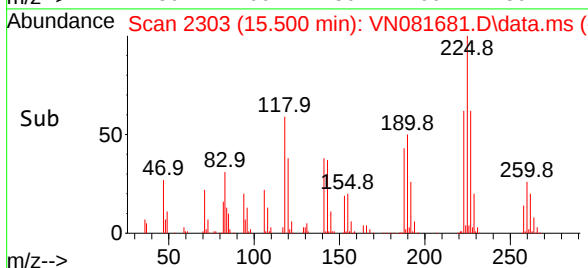
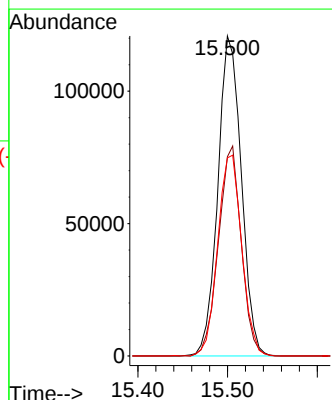
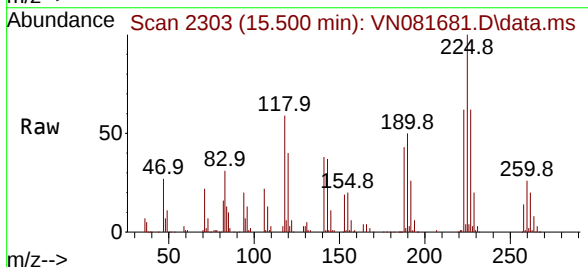
RT: 15.500 min Scan# 2303

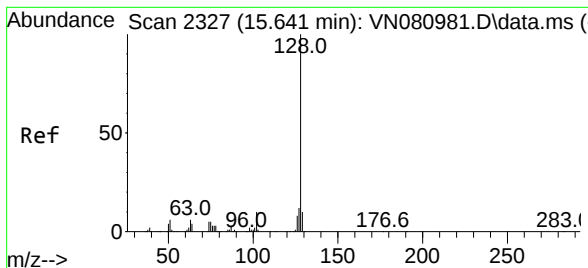
Delta R.T. -0.006 min

Lab File: VN081681.D

Acq: 10 Apr 2024 14:25

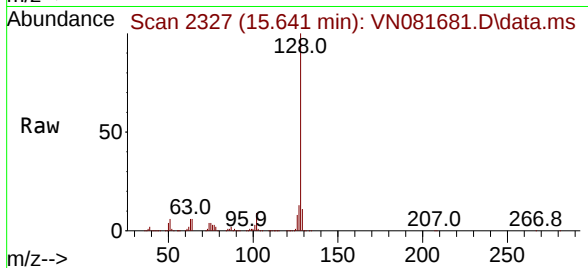
Tgt Ion:	225	Resp:	219538
Ion Ratio	Lower	Upper	
225	100		
223	63.6	0.0	126.6
227	64.3	0.0	126.6





#91
Naphthalene
Concen: 117.456 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

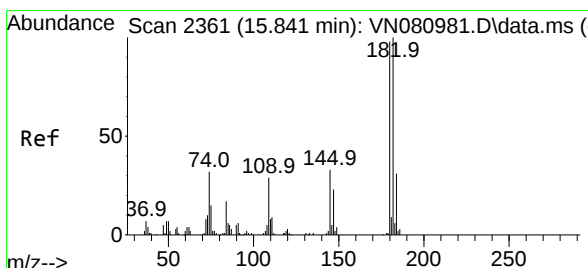
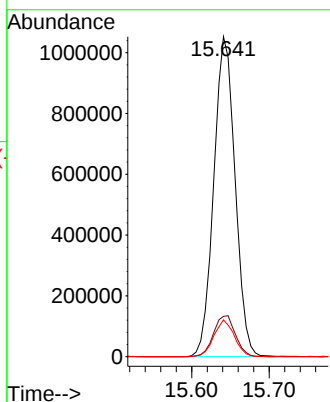
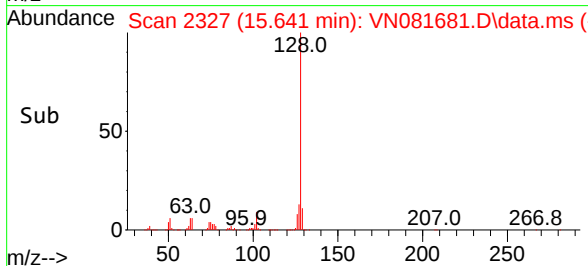
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 2011980
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#92
1,2,3-Trichlorobenzene
Concen: 110.847 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN081681.D
Acq: 10 Apr 2024 14:25

Tgt Ion:180 Resp: 590596
Ion Ratio Lower Upper
180 100
182 95.2 0.0 191.0
145 35.5 0.0 71.0

