

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082597.D
 Acq On : 17 Jun 2024 09:38
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 18 04:38:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:36:51 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/18/2024
 Supervised By : Mahesh Dadoda 06/18/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	204800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	320235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	300675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	310547	94.557	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 189.120%#			
35) Dibromofluoromethane	8.165	113	222433	102.388	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 204.780%#			
50) Toluene-d8	10.571	98	873060	106.271	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 212.540%#			
62) 4-Bromofluorobenzene	12.853	95	320192	113.047	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 226.100%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	267215	93.423	ug/l	100
3) Chloromethane	2.359	50	293097	85.480	ug/l	100
4) Vinyl Chloride	2.512	62	290546	89.040	ug/l	100
5) Bromomethane	2.930	94	164271	78.204	ug/l	98
6) Chloroethane	3.106	64	196388	84.402	ug/l	97
7) Trichlorofluoromethane	3.489	101	377845	88.756	ug/l	97
8) Diethyl Ether	3.959	74	138218	95.334	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	219315	91.974	ug/l	100
10) Methyl Iodide	4.589	142	247475	108.952	ug/l	98
11) Tert butyl alcohol	5.530	59	236488	439.965	ug/l	99
12) 1,1-Dichloroethene	4.336	96	206319	90.480	ug/l	99
13) Acrolein	4.177	56	264596	483.231	ug/l	100
14) Allyl chloride	5.024	41	417189	93.548	ug/l	98
15) Acrylonitrile	5.718	53	657146	463.157	ug/l	99
16) Acetone	4.424	43	725590	485.787	ug/l	99
17) Carbon Disulfide	4.712	76	640771	88.484	ug/l	99
18) Methyl Acetate	5.024	43	315828	86.454	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	769791	98.623	ug/l	97
20) Methylene Chloride	5.271	84	239105	90.451	ug/l	97
21) trans-1,2-Dichloroethene	5.788	96	229599	94.741	ug/l	97
22) Diisopropyl ether	6.671	45	938826	100.381	ug/l	98
23) Vinyl Acetate	6.606	43	3853915	519.636	ug/l	100
24) 1,1-Dichloroethane	6.565	63	471504	93.065	ug/l	99
25) 2-Butanone	7.482	43	1049997	494.578	ug/l	99
26) 2,2-Dichloropropane	7.488	77	426022	96.931	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	271868	93.104	ug/l	100
28) Bromochloromethane	7.818	49	212133	91.748	ug/l	98
29) Tetrahydrofuran	7.841	42	647038	497.851	ug/l	100
30) Chloroform	7.965	83	464882	94.065	ug/l	99
31) Cyclohexane	8.259	56	438120	92.435	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	410026	91.491	ug/l	98
36) 1,1-Dichloropropene	8.371	75	344711	106.145	ug/l	99
37) Ethyl Acetate	7.559	43	392855	94.967	ug/l	100
38) Carbon Tetrachloride	8.365	117	369888	101.066	ug/l	99
39) Methylcyclohexane	9.606	83	380794	111.418	ug/l	98
40) Benzene	8.606	78	1023259	101.973	ug/l	99

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 Supervised By :Mahesh Dadoda 06/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	222819	105.373	ug/l	98
42) 1,2-Dichloroethane	8.671	62	383931	100.587	ug/l	100
43) Isopropyl Acetate	8.688	43	686270	89.676	ug/l	99
44) Trichloroethene	9.353	130	231639	99.412	ug/l	99
45) 1,2-Dichloropropane	9.624	63	263937	102.186	ug/l	99
46) Dibromomethane	9.712	93	175694	100.347	ug/l	99
47) Bromodichloromethane	9.888	83	374444	100.311	ug/l	99
48) Methyl methacrylate	9.682	41	328080	102.942	ug/l	100
49) 1,4-Dioxane	9.700	88	101596	2037.993	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	2091811	527.526	ug/l	100
52) Toluene	10.635	92	653178	107.408	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	419850	110.023	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	429892	108.941	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	231859	105.339	ug/l	98
56) Ethyl methacrylate	10.876	69	418476	114.792	ug/l	99
57) 1,3-Dichloropropane	11.165	76	422353	103.797	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	1096974	568.830	ug/l	99
59) 2-Hexanone	11.200	43	1713693	568.610	ug/l	99
60) Dibromochloromethane	11.365	129	281946	104.935	ug/l	100
61) 1,2-Dibromoethane	11.470	107	234148	100.896	ug/l	98
64) Tetrachloroethene	11.106	164	234255	94.491	ug/l	98
65) Chlorobenzene	11.894	112	682139	98.933	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	245187	99.726	ug/l	100
67) Ethyl Benzene	11.965	91	1267204	107.861	ug/l	99
68) m/p-Xylenes	12.070	106	971539	222.281	ug/l	99
69) o-Xylene	12.400	106	465839	113.442	ug/l	98
70) Styrene	12.412	104	809349	116.126	ug/l	100
71) Bromoform	12.582	173	200691	103.246	ug/l #	99
73) Isopropylbenzene	12.700	105	1201484	101.285	ug/l	100
74) N-amyl acetate	12.494	43	628318	99.247	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	331206	85.596	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	330949m	91.514	ug/l	
77) Bromobenzene	12.982	156	288823	94.591	ug/l	99
78) n-propylbenzene	13.035	91	1456174	103.778	ug/l	100
79) 2-Chlorotoluene	13.129	91	859731	97.703	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1018233	105.773	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	147834	94.402	ug/l	94
82) 4-Chlorotoluene	13.223	91	879131	100.012	ug/l	99
83) tert-Butylbenzene	13.441	119	852407	103.952	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1030176	106.677	ug/l	100
85) sec-Butylbenzene	13.617	105	1220572	104.807	ug/l	100
86) p-Isopropyltoluene	13.729	119	1043344	111.253	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	544504	98.353	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	533290	95.856	ug/l	99
89) n-Butylbenzene	14.059	91	917036	110.237	ug/l	99
90) Hexachloroethane	14.335	117	194685	95.411	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	500532	92.594	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	77053	94.093	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	287878	100.994	ug/l	100
94) Hexachlorobutadiene	15.506	225	123302	87.733	ug/l	99
95) Naphthalene	15.641	128	936310	106.769	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	285703	98.353	ug/l	98

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ClientSampleId :
VSTDICC100

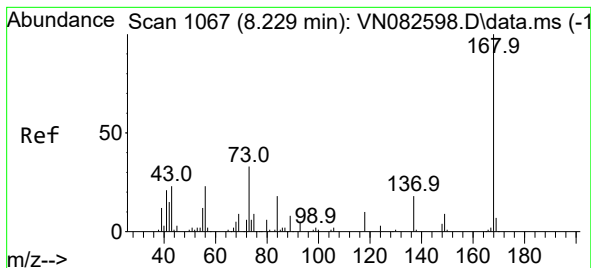
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

Quant Time: Jun 18 04:38:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:36:51 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.005 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:168 Resp: 204800

Ion Ratio Lower Upper

168 100

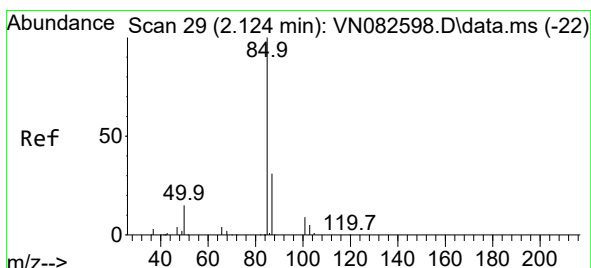
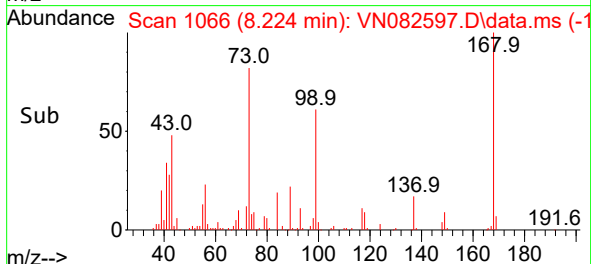
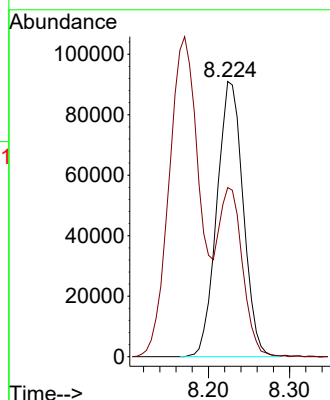
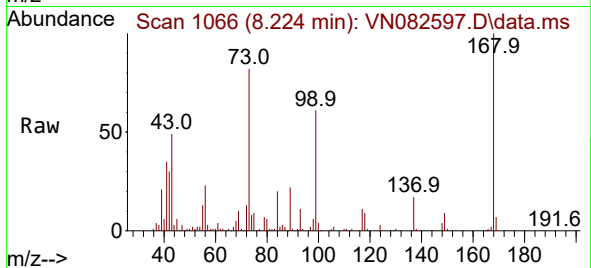
99 61.1 48.2 72.4

Manual Integrations

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Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#2

Dichlorodifluoromethane

Concen: 93.423 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN082597.D

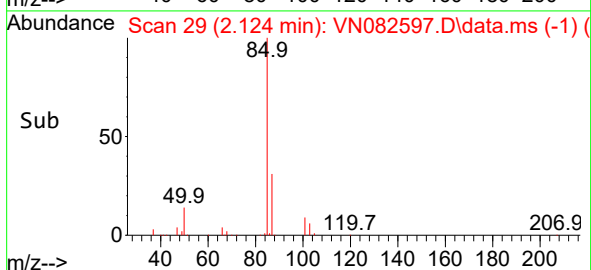
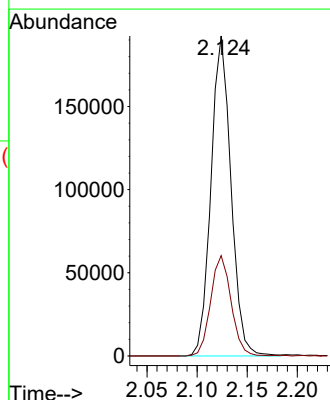
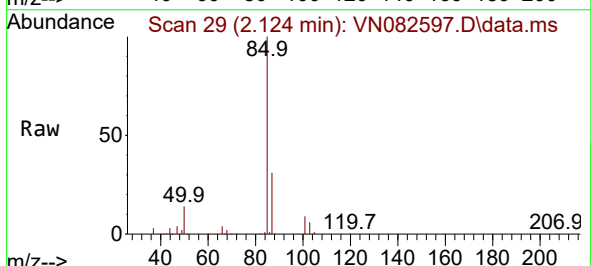
Acq: 17 Jun 2024 09:38

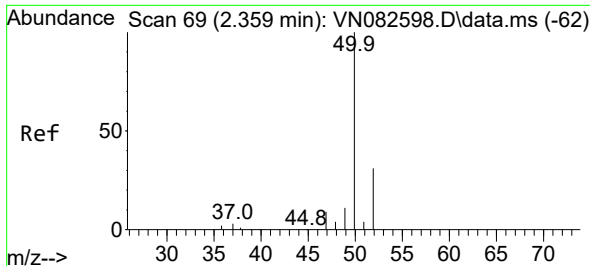
Tgt Ion: 85 Resp: 267215

Ion Ratio Lower Upper

85 100

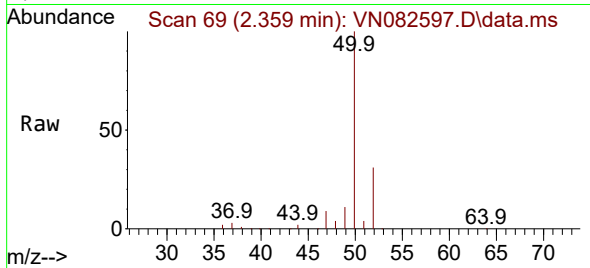
87 31.4 15.7 47.0





#3
Chloromethane
Concen: 85.480 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

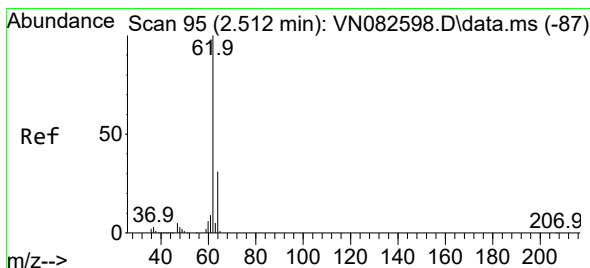
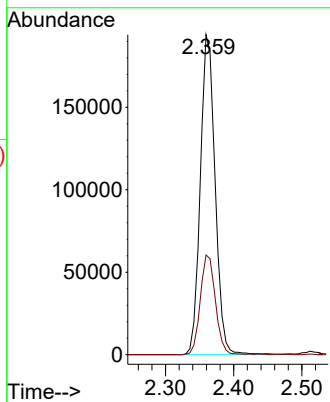
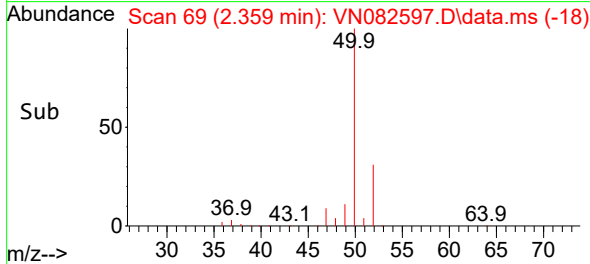
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



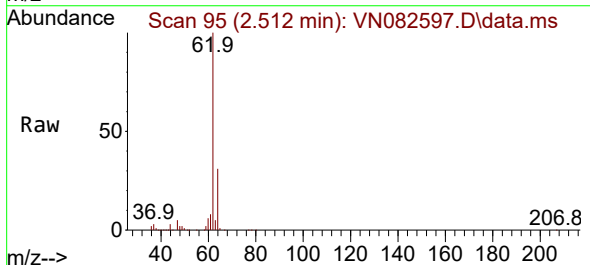
Tgt Ion: 50 Resp: 29309
Ion Ratio Lower Upper
50 100
52 31.2 25.0 37.4

Manual Integrations
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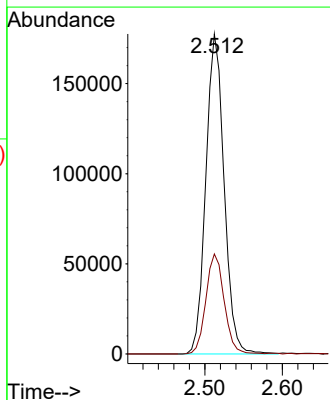
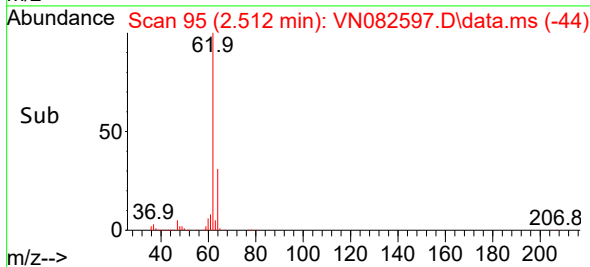
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

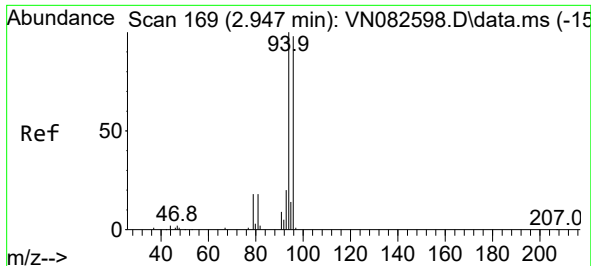


#4
Vinyl Chloride
Concen: 89.040 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38



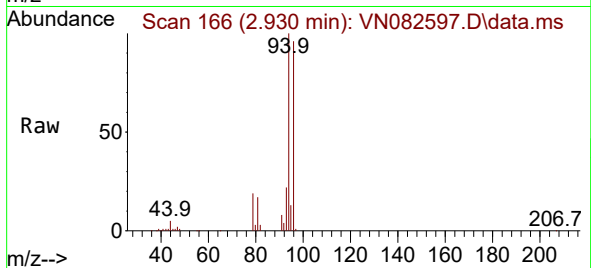
Tgt Ion: 62 Resp: 290546
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.6





#5
Bromomethane
Concen: 78.204 ug/l
RT: 2.930 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

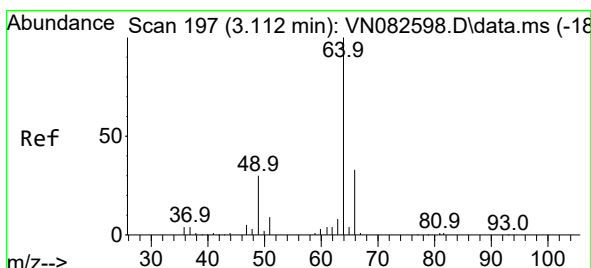
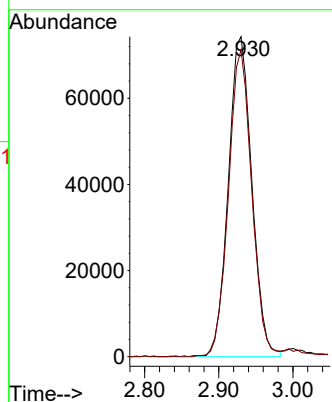
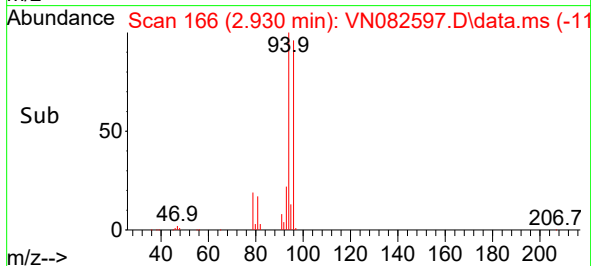
Instrument :
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Tgt Ion: 94 Resp: 16427
Ion Ratio Lower Upper
94 100
96 95.9 78.0 117.0

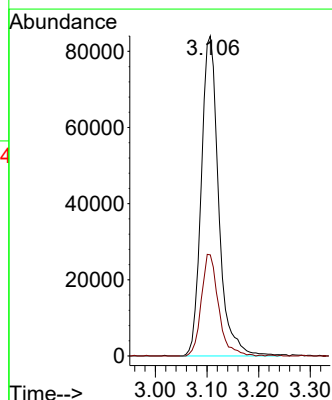
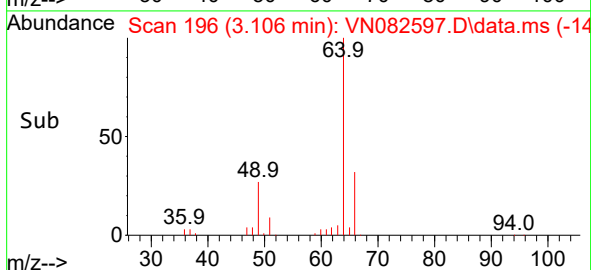
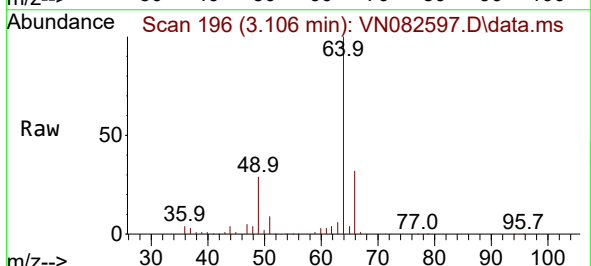
Manual Integrations
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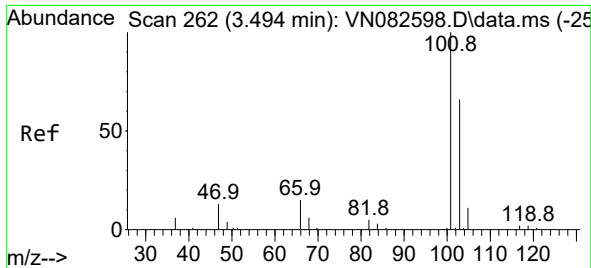
Reviewed By :John Carlone 06/18/2024
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#6
Chloroethane
Concen: 84.402 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN082597.D
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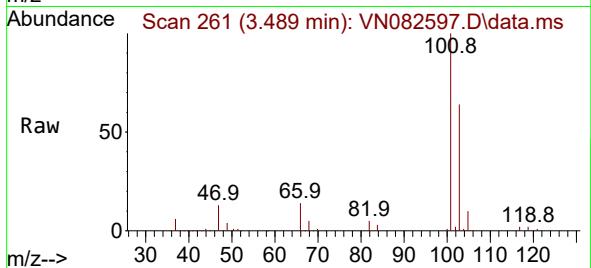
Tgt Ion: 64 Resp: 196388
Ion Ratio Lower Upper
64 100
66 31.6 26.6 40.0





#7
Trichlorofluoromethane
Concen: 88.756 ug/l
RT: 3.489 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

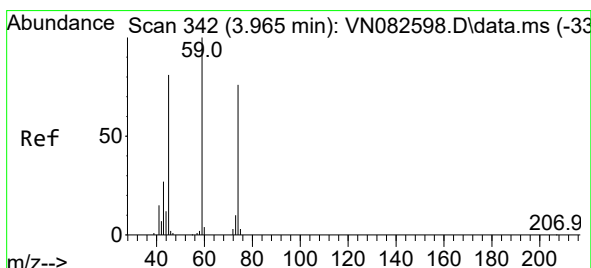
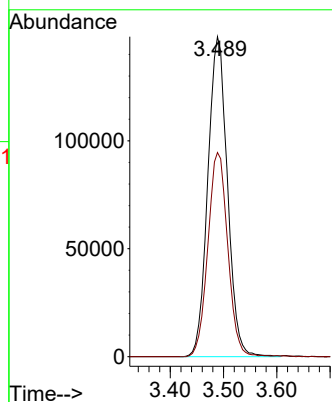
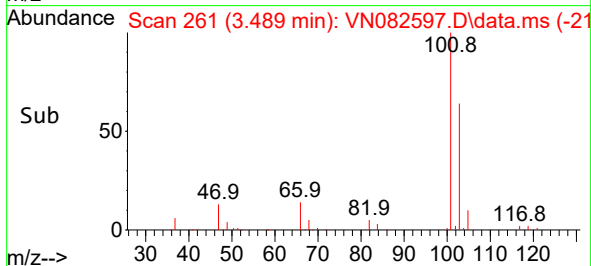
Instrument :
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ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 377845
Ion Ratio Lower Upper
101 100
103 63.8 52.7 79.1

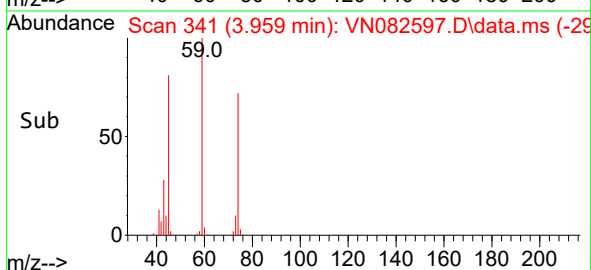
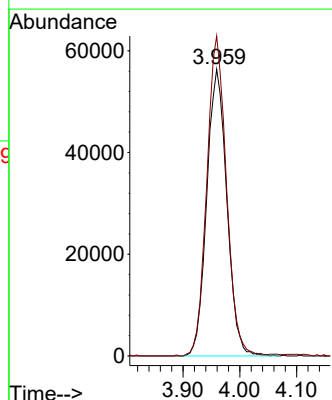
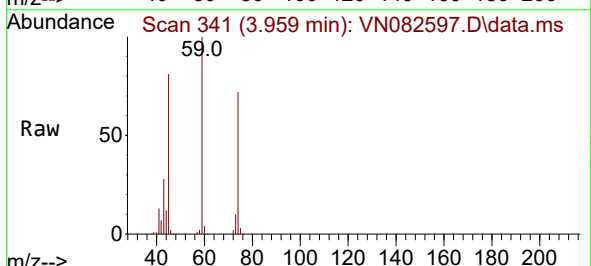
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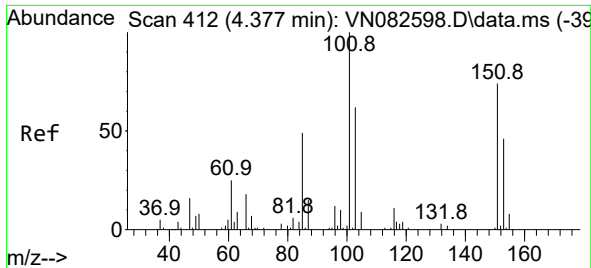
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#8
Diethyl Ether
Concen: 95.334 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Tgt Ion: 74 Resp: 138218
Ion Ratio Lower Upper
74 100
45 109.3 55.5 166.3





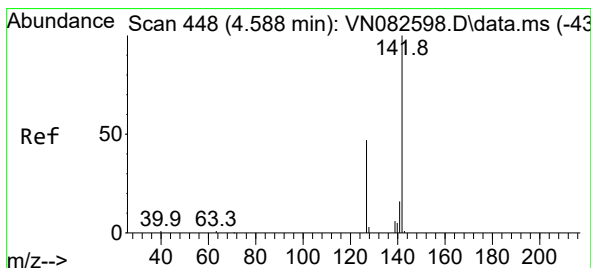
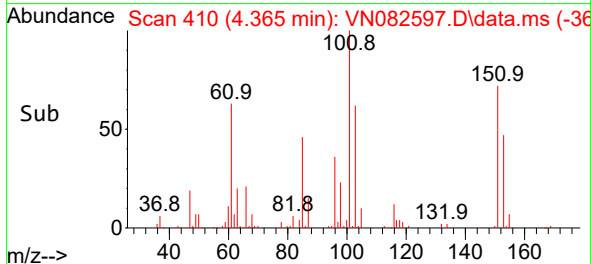
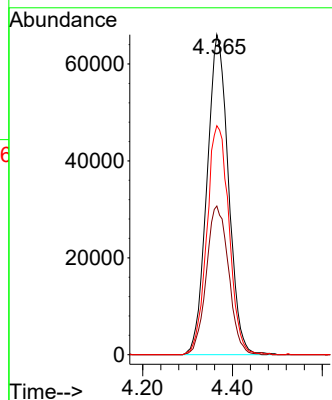
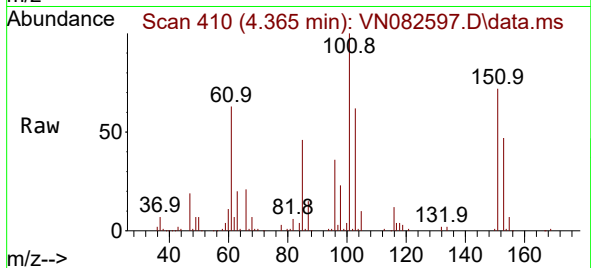
#9
1,1,2-Trichlorotrifluoroethane
Concen: 91.974 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 21931
Ion Ratio Lower Upper
101 100
85 48.2 38.3 57.5
151 74.1 59.3 88.9

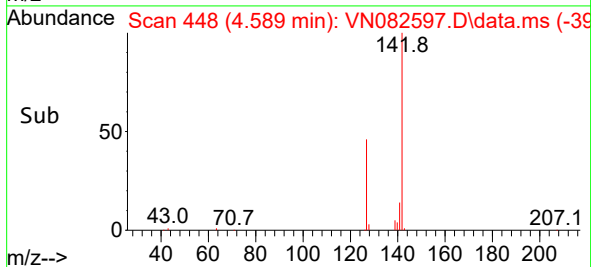
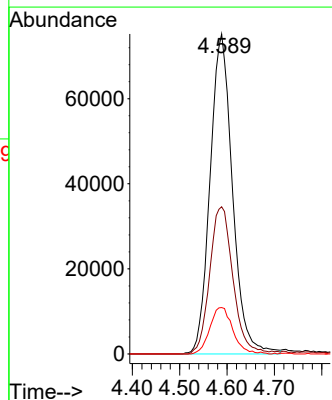
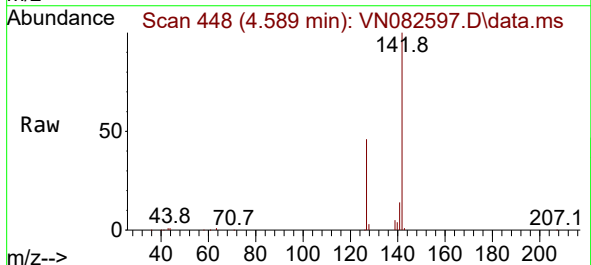
Manual Integrations
APPROVED

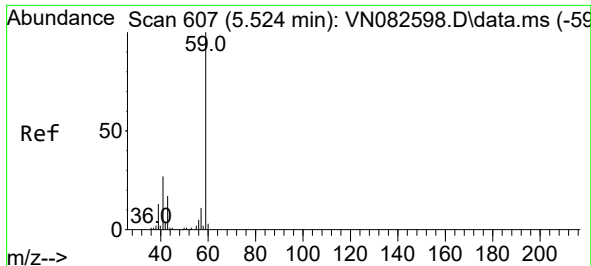
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#10
Methyl Iodide
Concen: 108.952 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

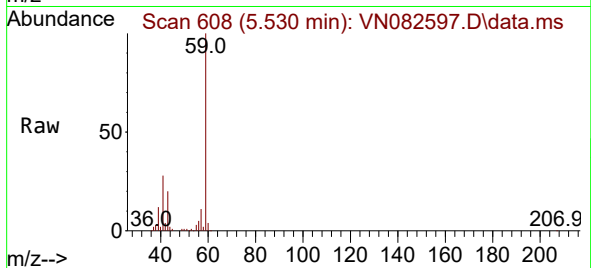
Tgt Ion:142 Resp: 247475
Ion Ratio Lower Upper
142 100
127 46.0 37.5 56.3
141 14.5 13.1 19.7





#11
Tert butyl alcohol
Concen: 439.965 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

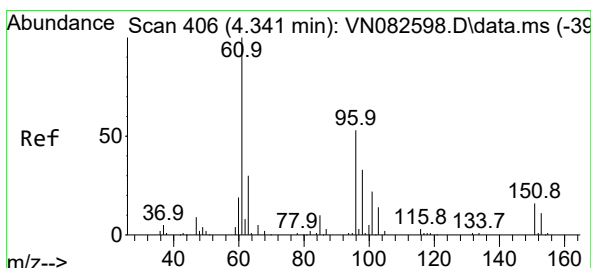
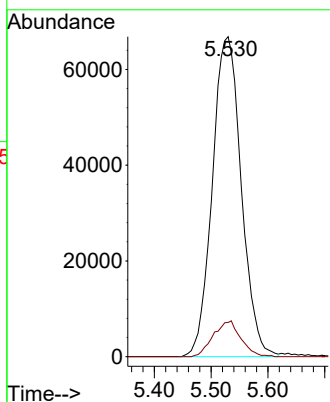
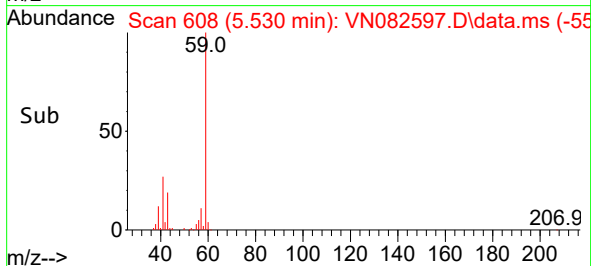
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



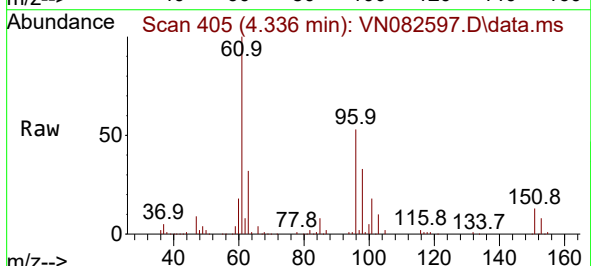
Tgt Ion: 59 Resp: 236488
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3

Manual Integrations
APPROVED

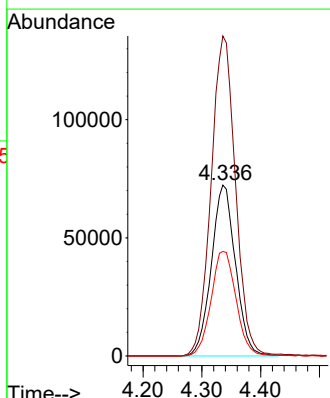
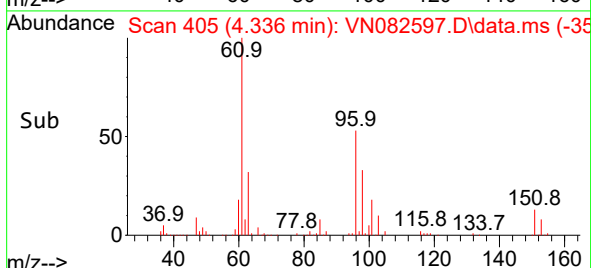
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

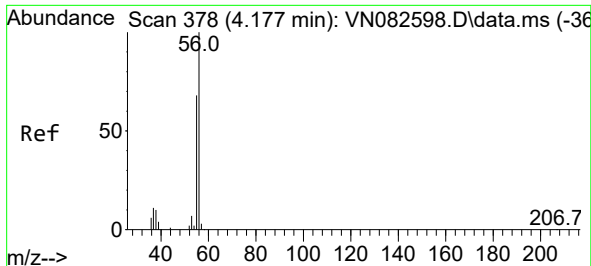


#12
1,1-Dichloroethene
Concen: 90.480 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38



Tgt Ion: 96 Resp: 206319
Ion Ratio Lower Upper
96 100
61 187.3 149.7 224.5
98 61.2 50.1 75.1





#13

Acrolein

Concen: 483.231 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 264590

Ion Ratio Lower Upper

56 100

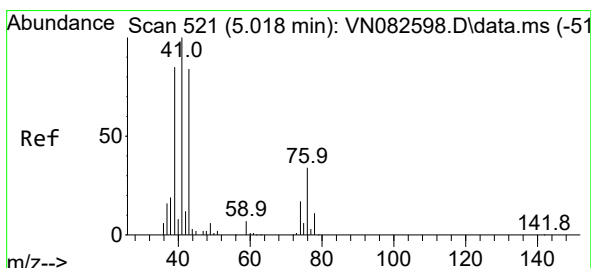
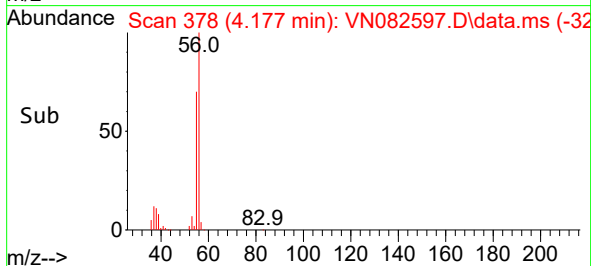
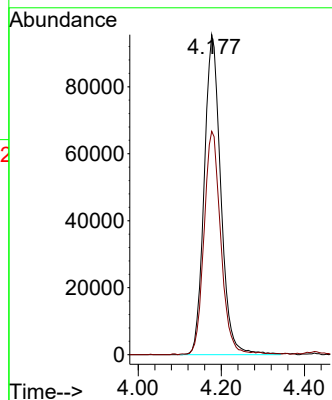
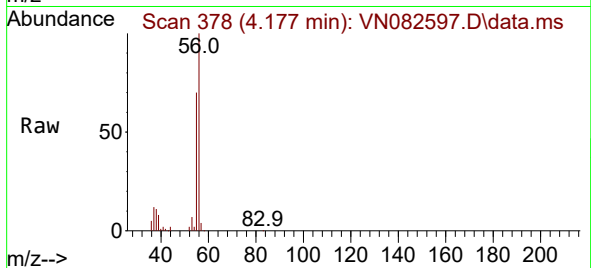
55 70.3 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#14

Allyl chloride

Concen: 93.548 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

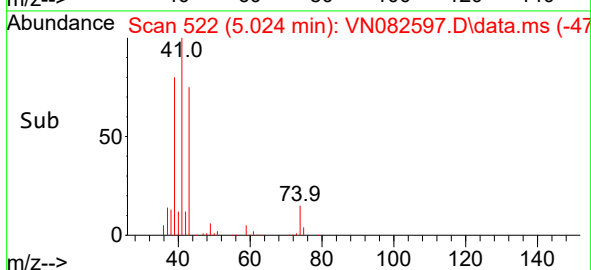
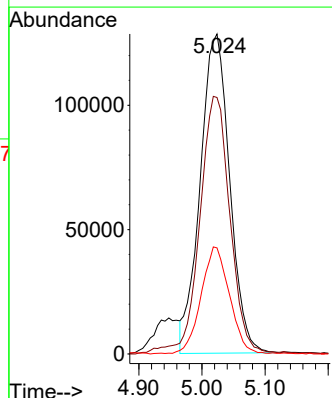
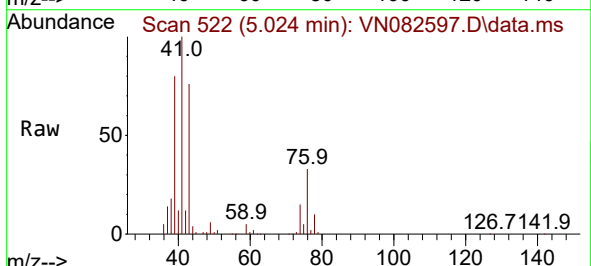
Tgt Ion: 41 Resp: 417189

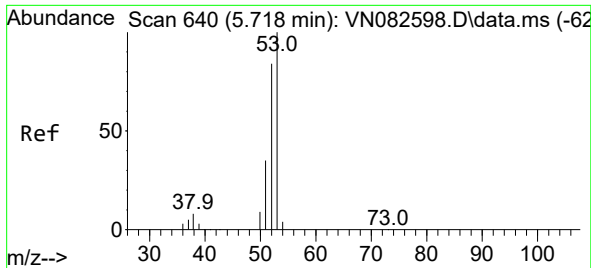
Ion Ratio Lower Upper

41 100

39 82.7 67.8 101.6

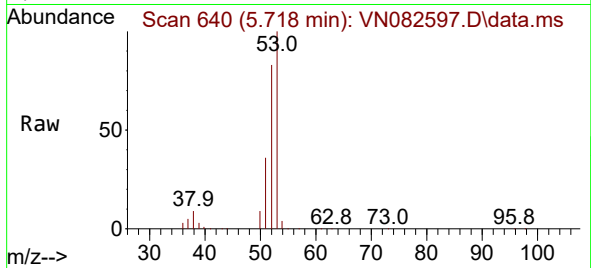
76 31.8 25.8 38.8





#15
Acrylonitrile
Concen: 463.157 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

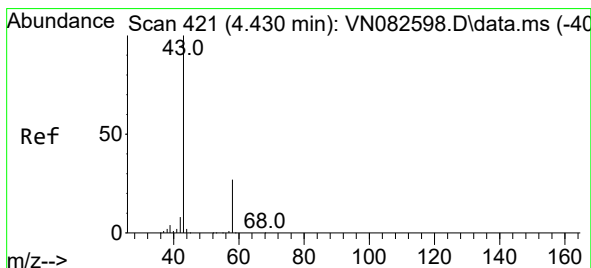
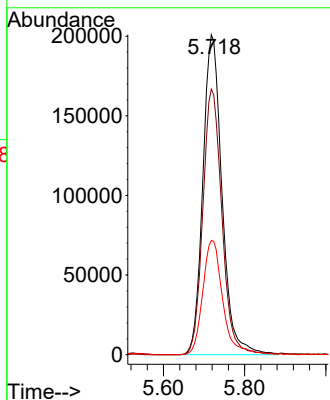
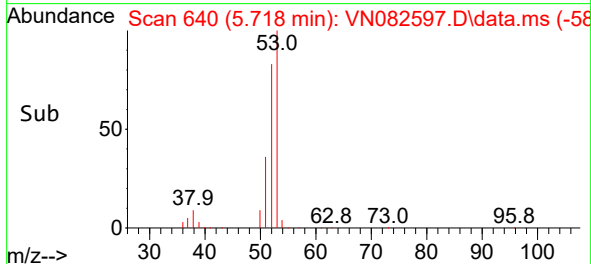
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



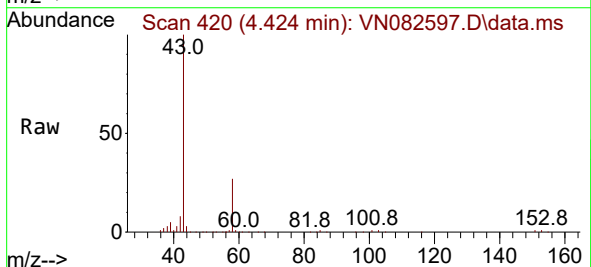
Tgt Ion: 53 Resp: 657140
Ion Ratio Lower Upper
53 100
52 82.5 66.6 100.0
51 37.4 30.1 45.1

Manual Integrations
APPROVED

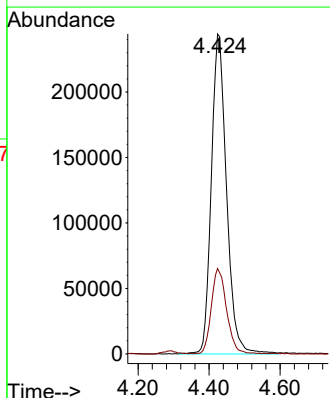
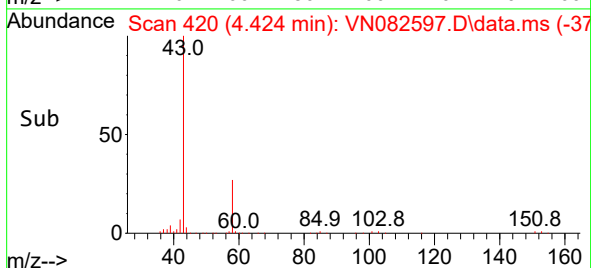
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

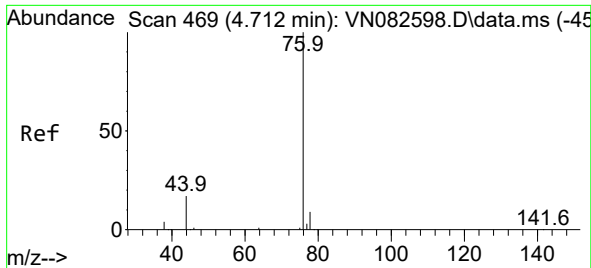


#16
Acetone
Concen: 485.787 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38



Tgt Ion: 43 Resp: 725590
Ion Ratio Lower Upper
43 100
58 26.6 21.8 32.6





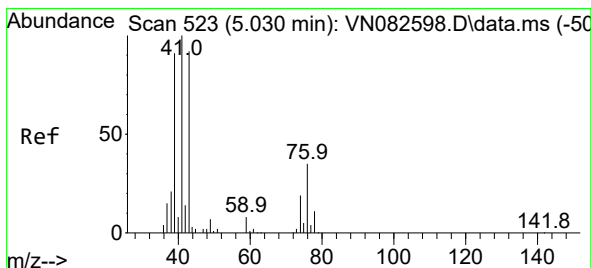
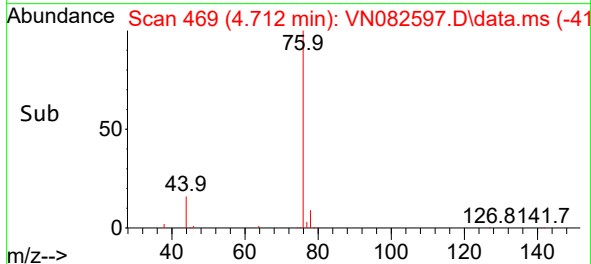
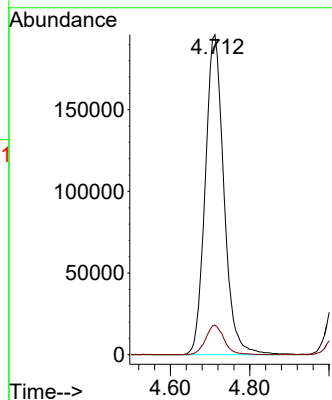
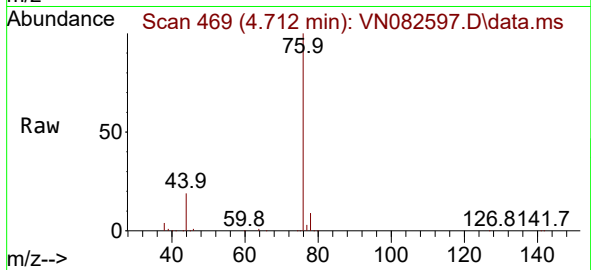
#17
Carbon Disulfide
Concen: 88.484 ug/l
RT: 4.712 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 64077
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

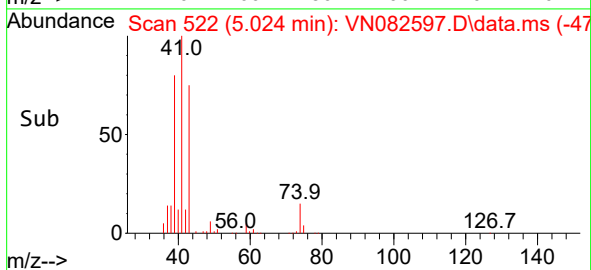
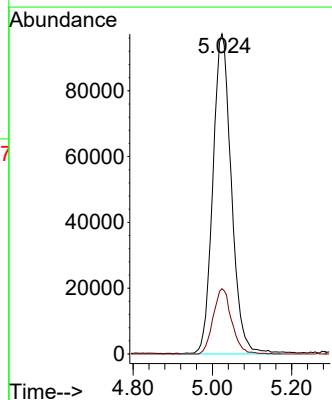
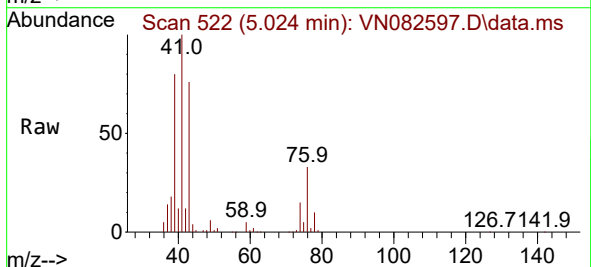
Manual Integrations
APPROVED

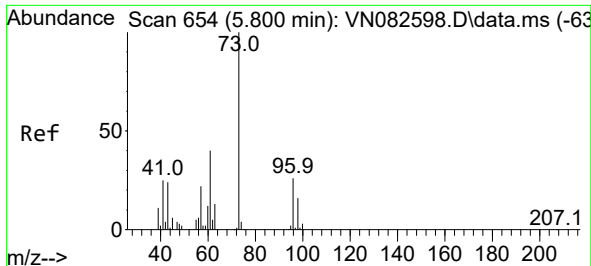
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#18
Methyl Acetate
Concen: 86.454 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

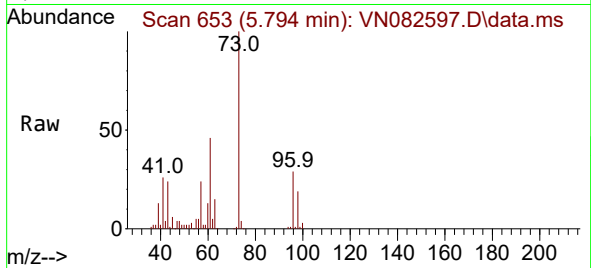
Tgt Ion: 43 Resp: 315828
Ion Ratio Lower Upper
43 100
74 20.3 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 98.623 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

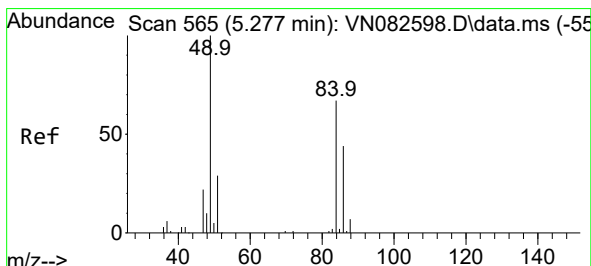
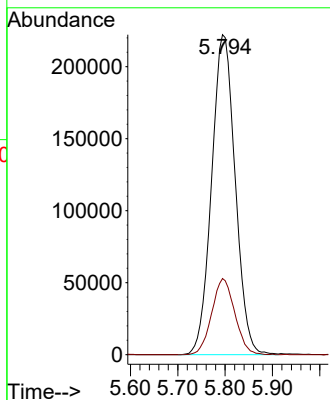
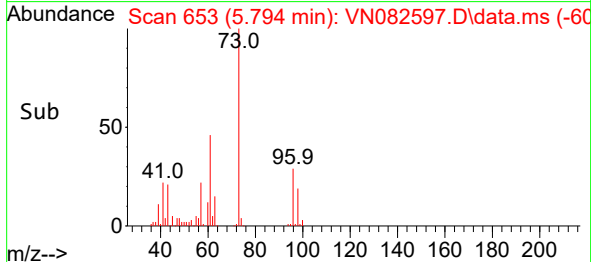
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 73 Resp: 76979
Ion Ratio Lower Upper
73 100
57 23.8 17.9 26.9

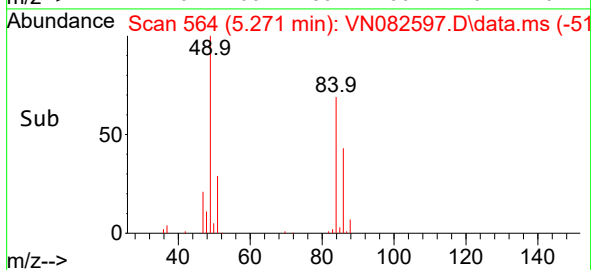
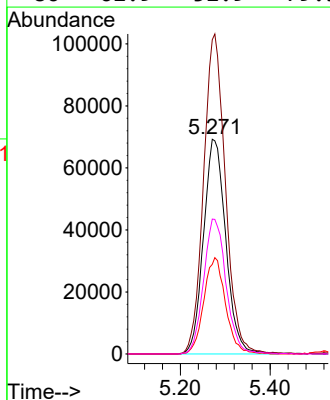
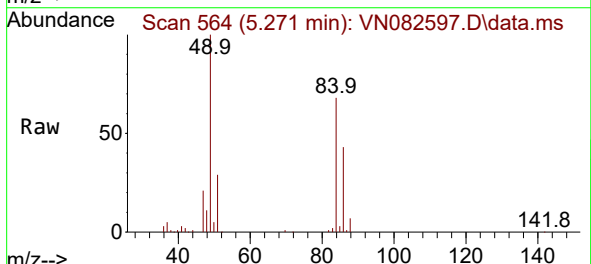
Manual Integrations
APPROVED

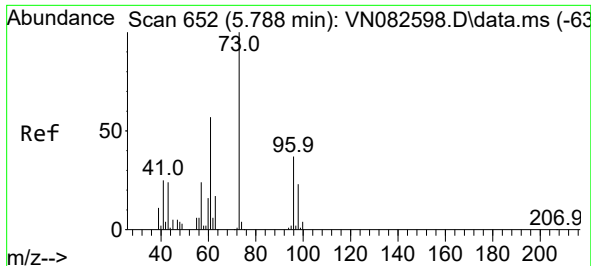
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#20
Methylene Chloride
Concen: 90.451 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

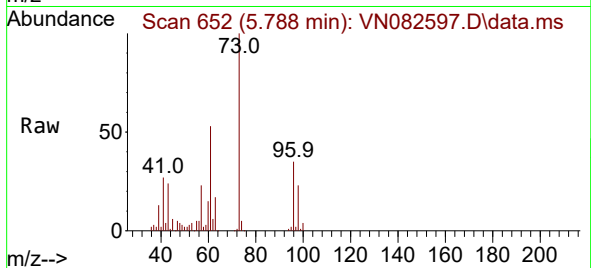
Tgt Ion: 84 Resp: 239105
Ion Ratio Lower Upper
84 100
49 146.4 119.6 179.4
51 41.7 34.8 52.2
86 62.9 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 94.741 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

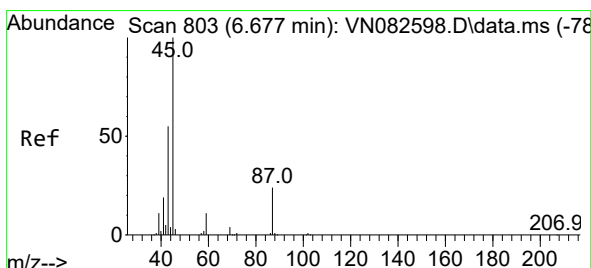
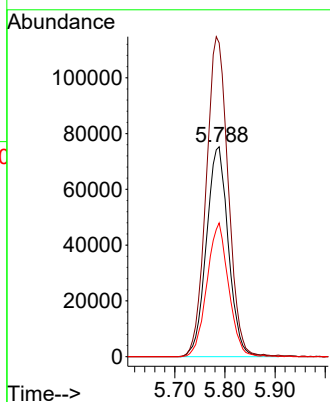
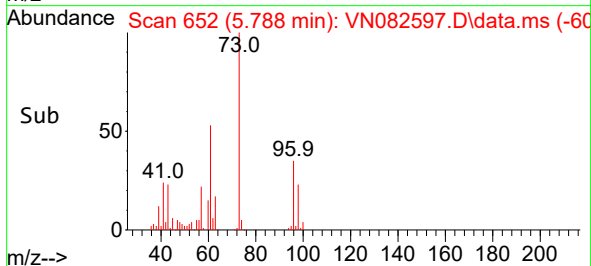
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



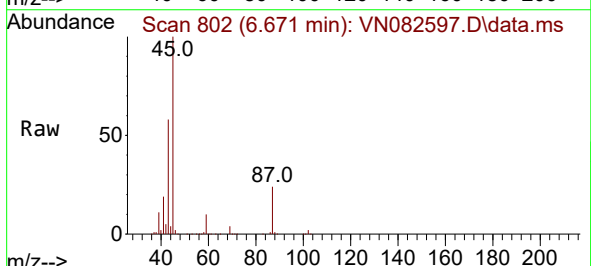
Tgt Ion: 96 Resp: 229599
Ion Ratio Lower Upper
96 100
61 149.4 123.4 185.2
98 63.7 49.3 73.9

Manual Integrations
APPROVED

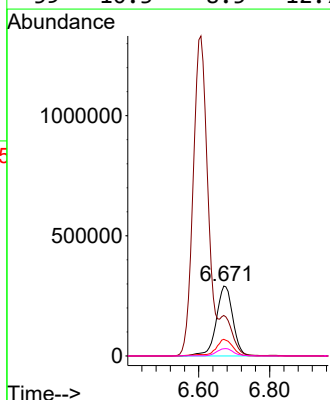
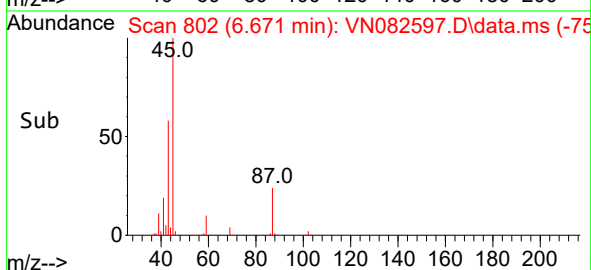
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

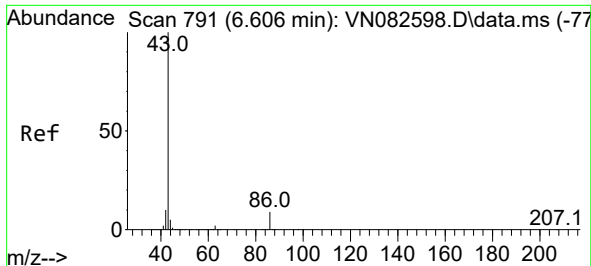


#22
Diisopropyl ether
Concen: 100.381 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38



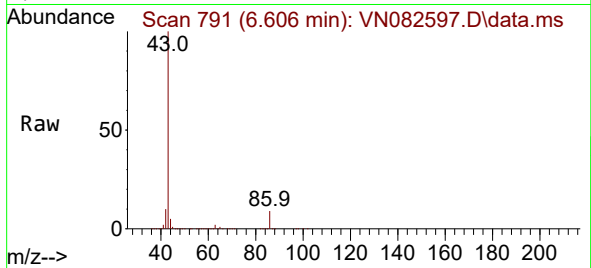
Tgt Ion: 45 Resp: 938826
Ion Ratio Lower Upper
45 100
43 57.1 44.0 66.0
87 23.8 19.7 29.5
59 10.3 8.5 12.7





#23
 Vinyl Acetate
 Concen: 519.636 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082597.D
 Acq: 17 Jun 2024 09:38

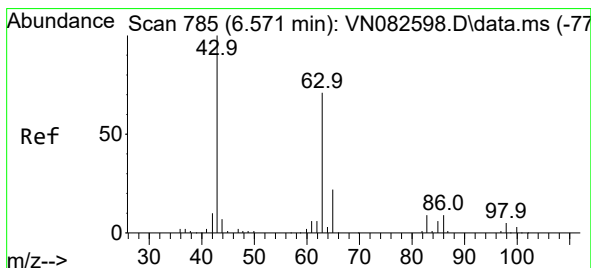
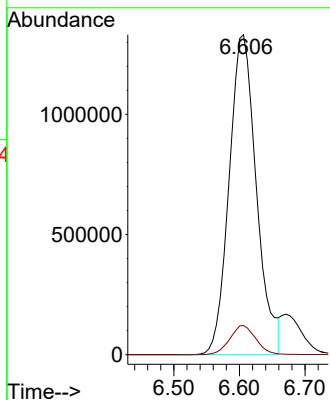
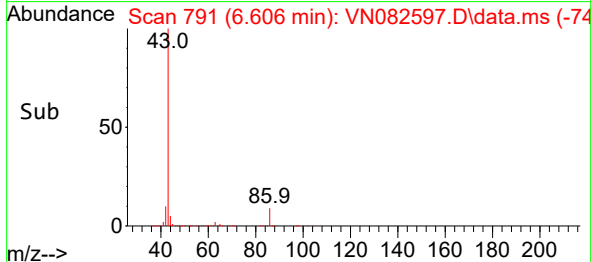
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



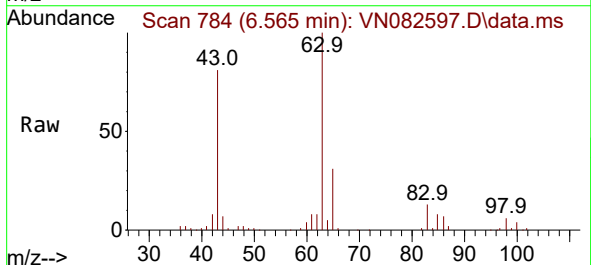
Tgt Ion: 43 Resp: 385391
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.3 10.9

Manual Integrations
 APPROVED

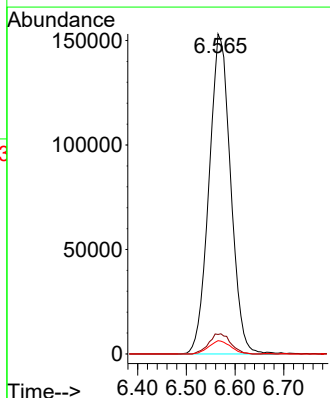
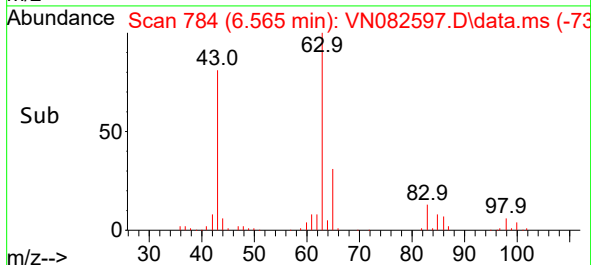
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024

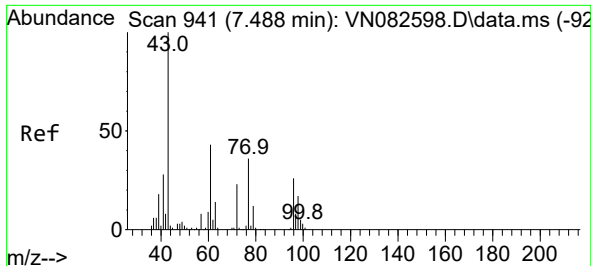


#24
 1,1-Dichloroethane
 Concen: 93.065 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082597.D
 Acq: 17 Jun 2024 09:38



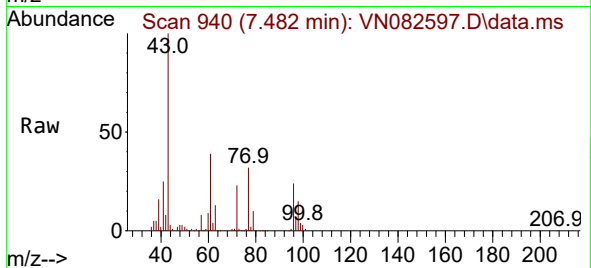
Tgt Ion: 63 Resp: 471504
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 4.2 2.0 6.0





#25
2-Butanone
Concen: 494.578 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

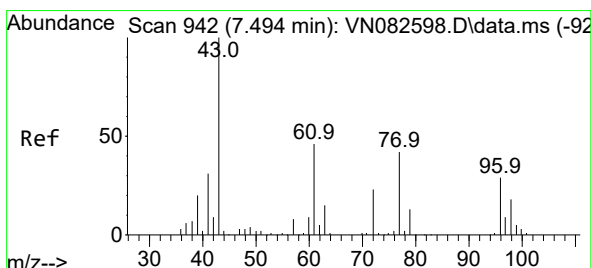
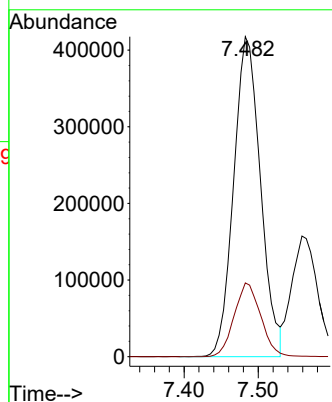
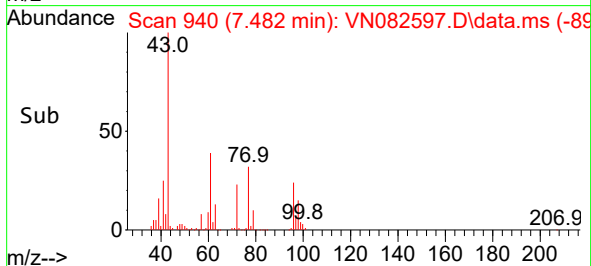
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 104999
Ion Ratio Lower Upper
43 100
72 23.1 18.2 27.2

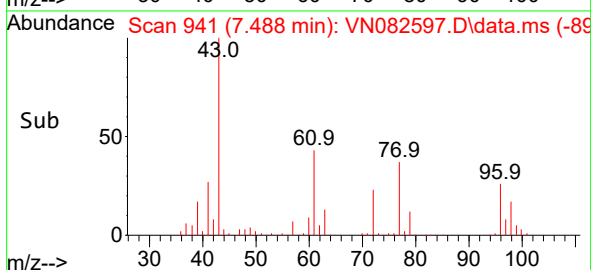
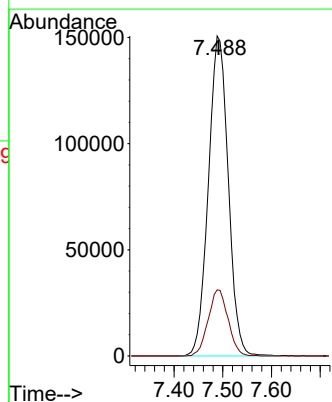
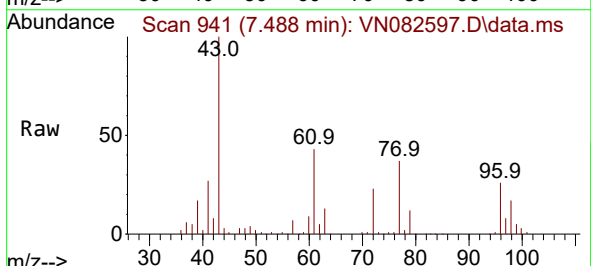
Manual Integrations
APPROVED

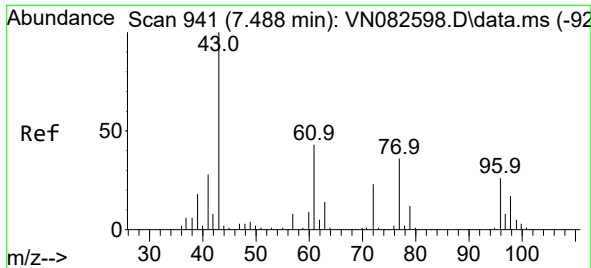
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#26
2,2-Dichloropropane
Concen: 96.931 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

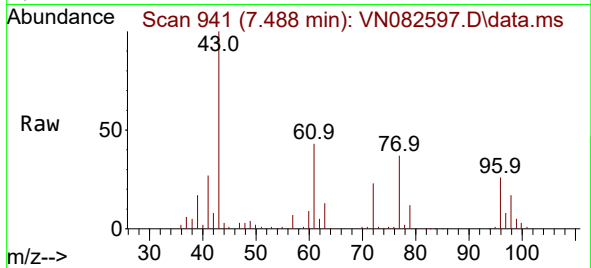
Tgt Ion: 77 Resp: 426022
Ion Ratio Lower Upper
77 100
97 20.7 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 93.104 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082597.D
 Acq: 17 Jun 2024 09:38

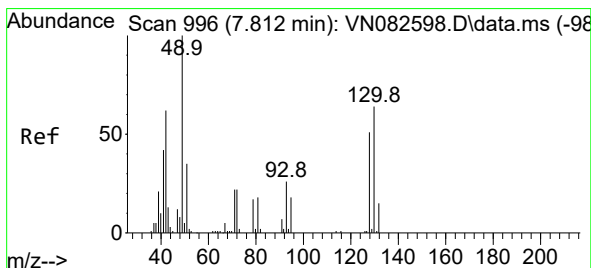
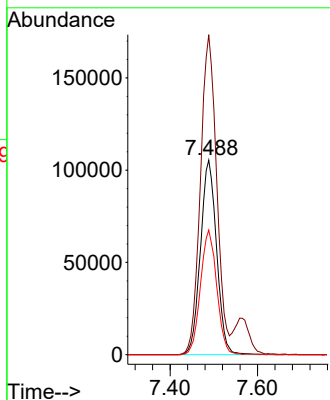
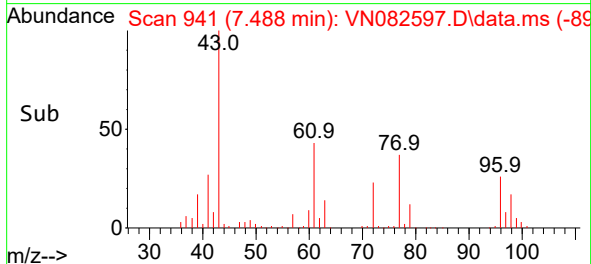
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 96 Resp: 271868
 Ion Ratio Lower Upper
 96 100
 61 164.9 0.0 329.6
 98 64.3 0.0 128.6

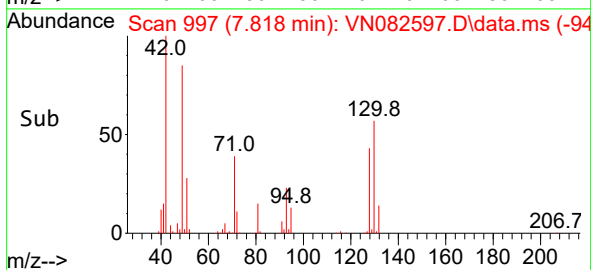
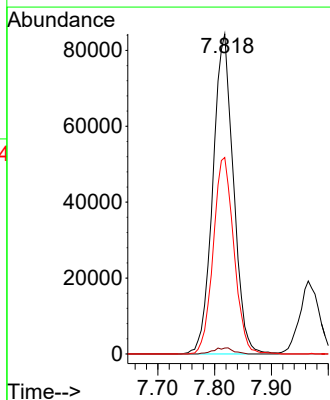
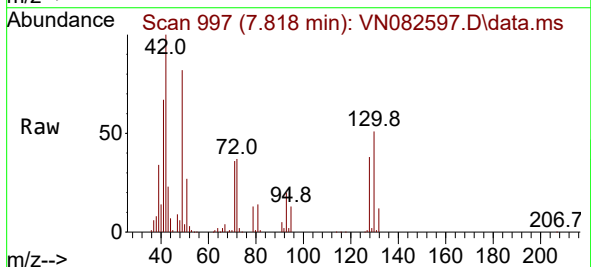
Manual Integrations
 APPROVED

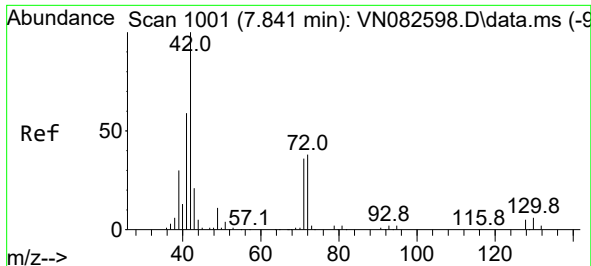
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024



#28
 Bromochloromethane
 Concen: 91.748 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082597.D
 Acq: 17 Jun 2024 09:38

Tgt Ion: 49 Resp: 212133
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 61.6 50.5 75.7





#29

Tetrahydrofuran

Concen: 497.851 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 647038

Ion Ratio Lower Upper

42 100

72 37.5 30.0 45.0

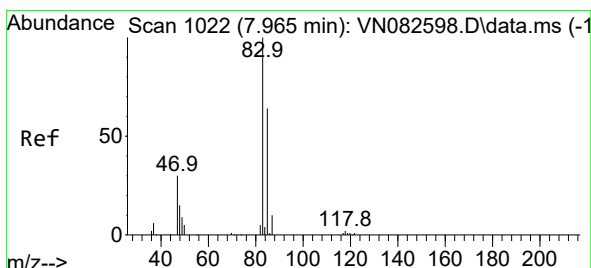
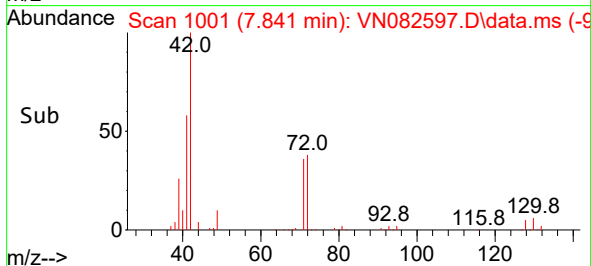
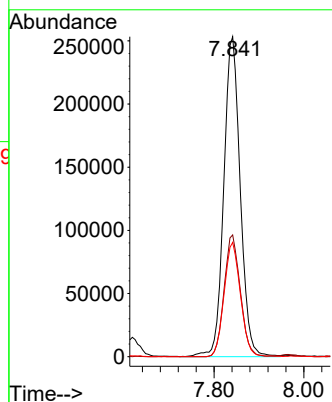
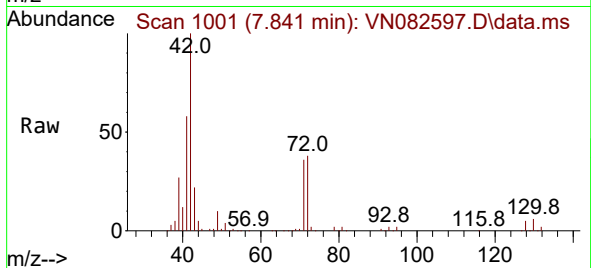
71 35.5 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#30

Chloroform

Concen: 94.065 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082597.D

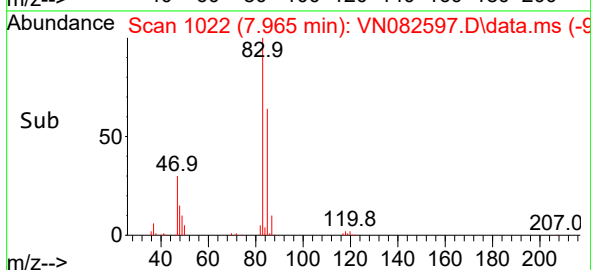
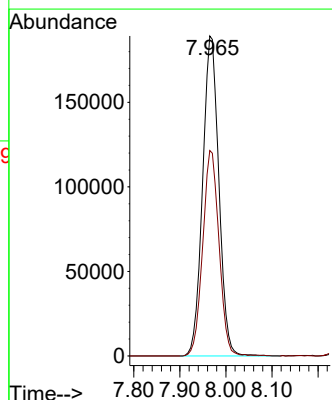
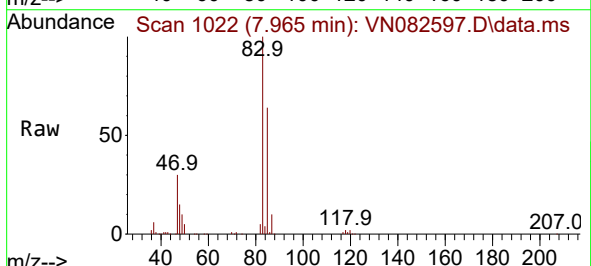
Acq: 17 Jun 2024 09:38

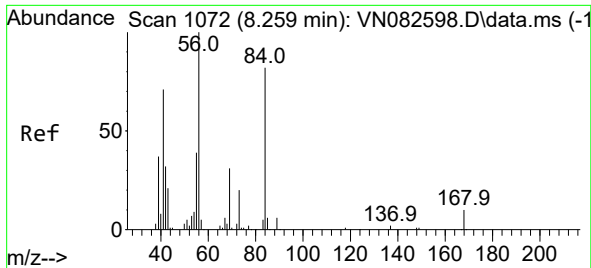
Tgt Ion: 83 Resp: 464882

Ion Ratio Lower Upper

83 100

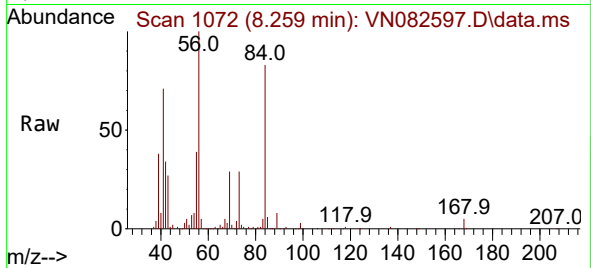
85 64.2 50.9 76.3





#31
Cyclohexane
Concen: 92.435 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

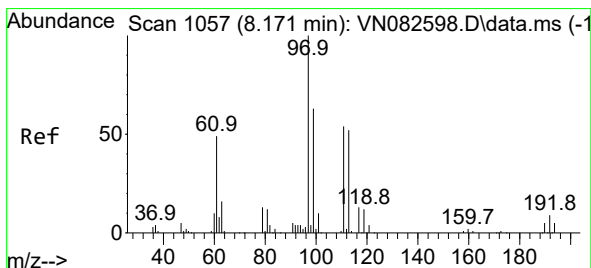
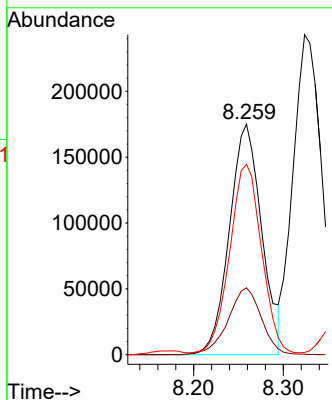
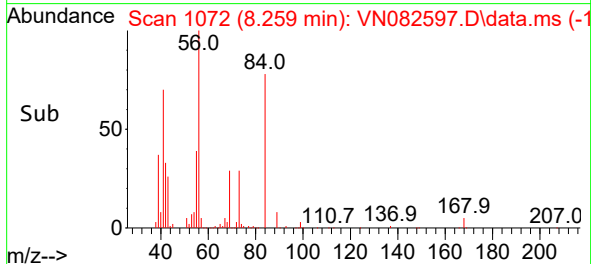
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 438120
Ion Ratio Lower Upper
56 100
69 29.0 24.5 36.7
84 81.0 66.0 99.0

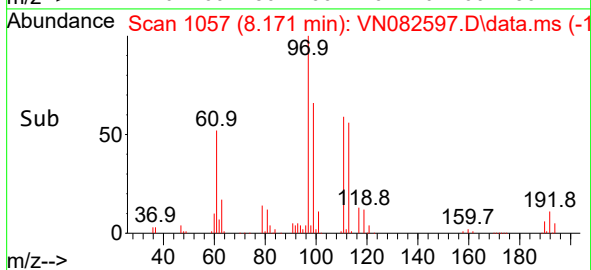
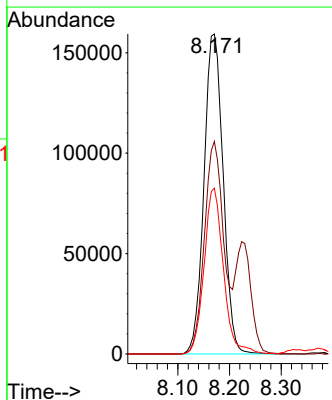
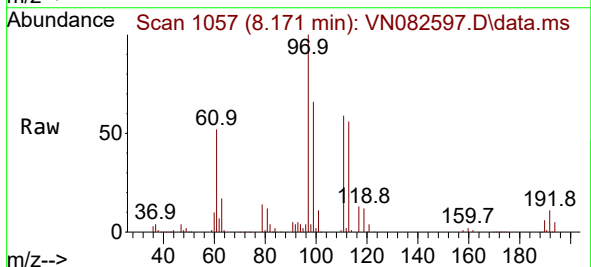
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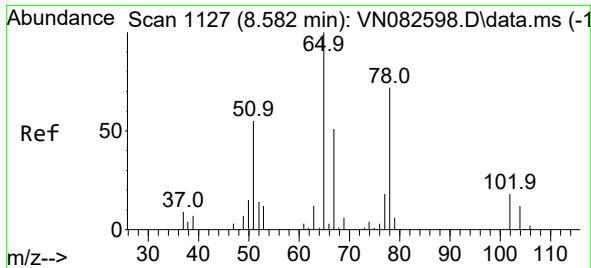
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#32
1,1,1-Trichloroethane
Concen: 91.491 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Tgt Ion: 97 Resp: 410026
Ion Ratio Lower Upper
97 100
99 67.8 52.0 78.0
61 52.5 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 94.557 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 31054

Ion Ratio Lower Upper

65 100

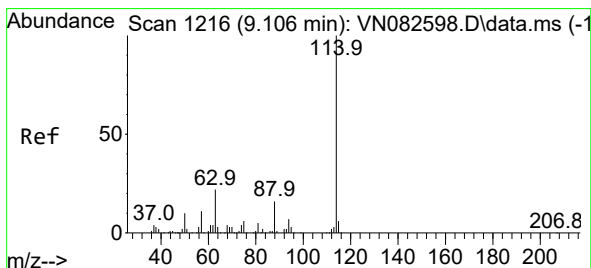
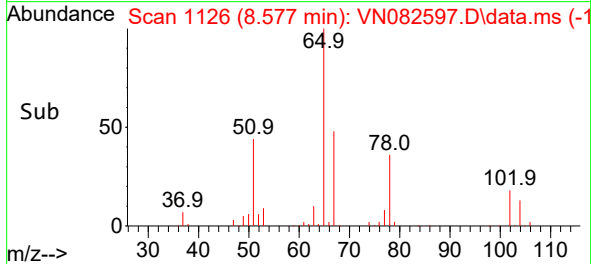
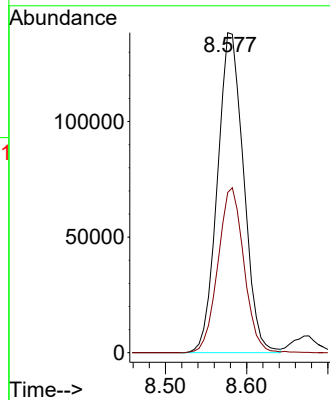
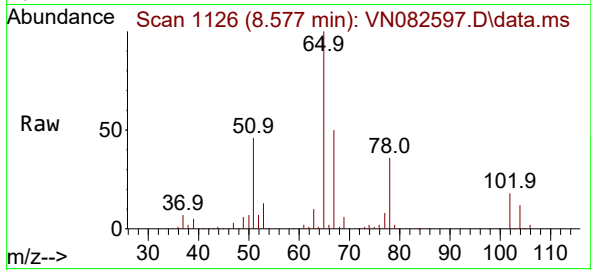
67 51.2 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

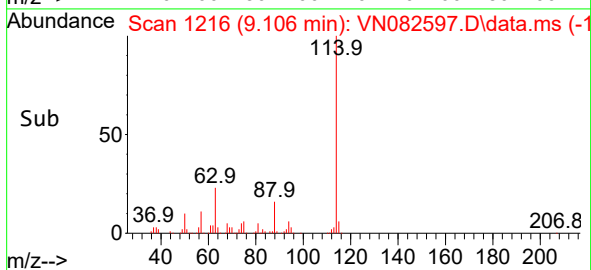
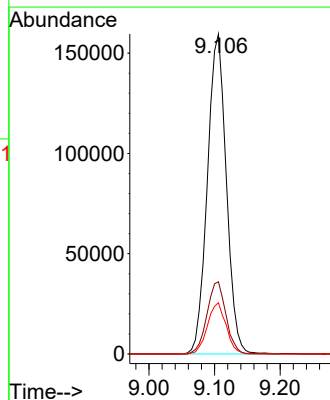
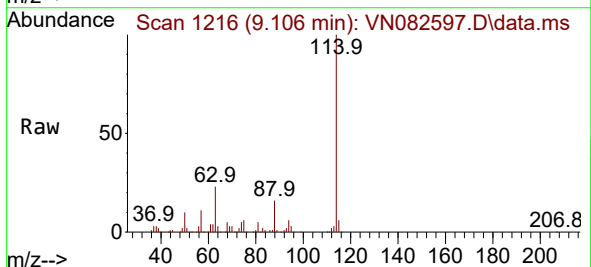
Tgt Ion:114 Resp: 320235

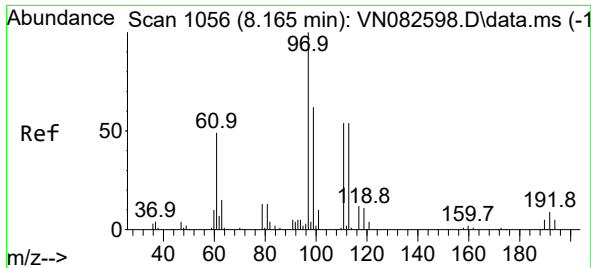
Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

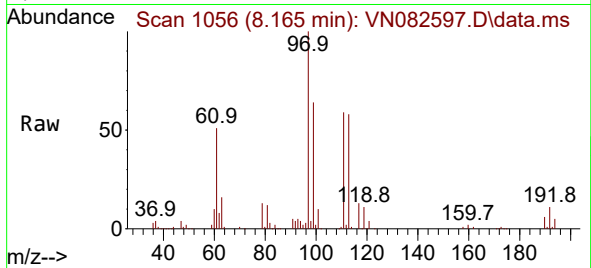
88 16.0 0.0 31.4





#35
Dibromofluoromethane
Concen: 102.388 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

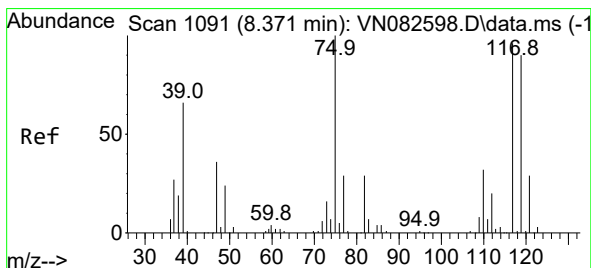
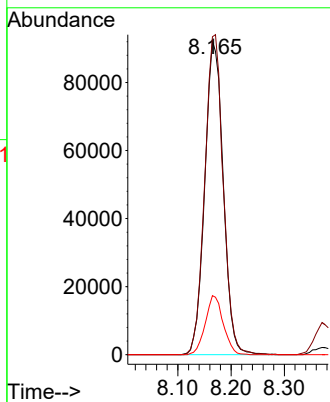
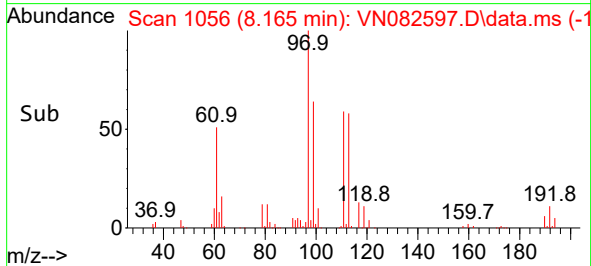
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



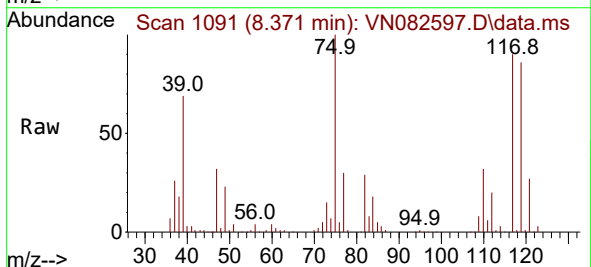
Tgt Ion: 113 Resp: 222433
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 18.3 14.9 22.3

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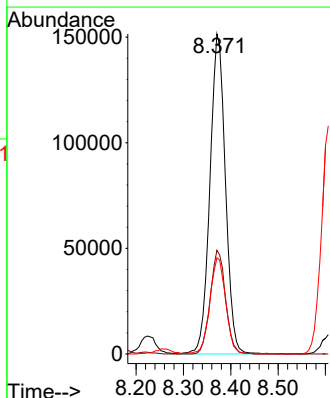
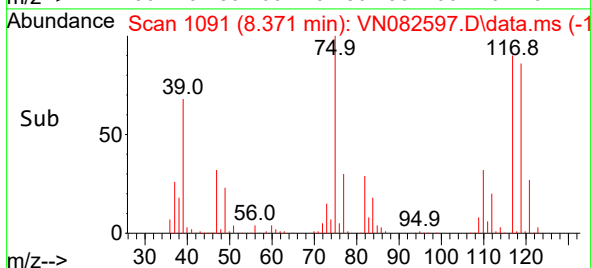
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

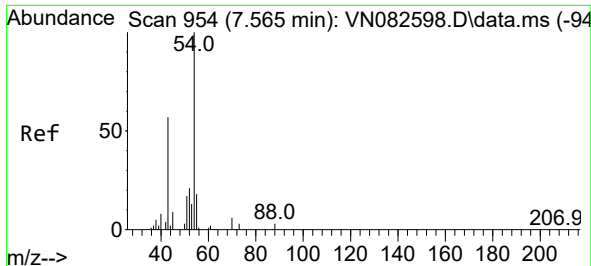


#36
1,1-Dichloropropene
Concen: 106.145 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38



Tgt Ion: 75 Resp: 344711
Ion Ratio Lower Upper
75 100
110 31.8 16.3 48.9
77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 94.967 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 39285

Ion Ratio Lower Upper

43 100

61 11.4 9.3 13.9

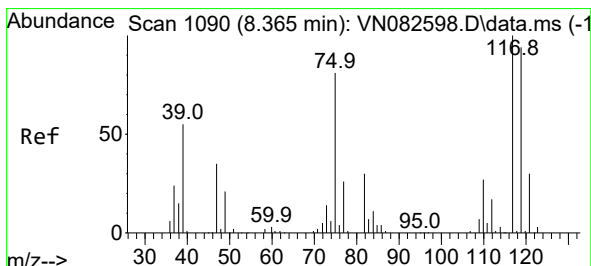
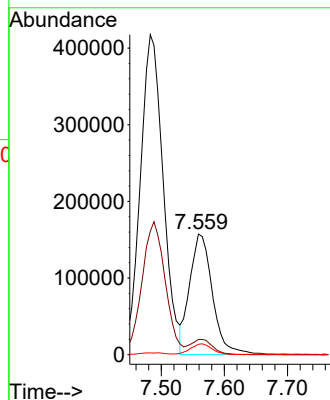
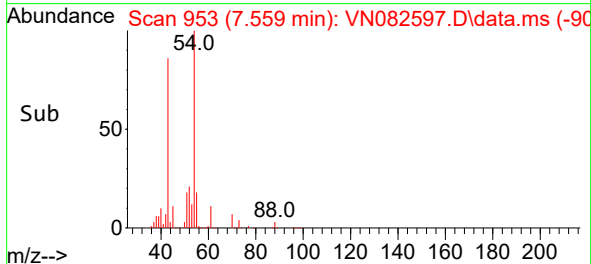
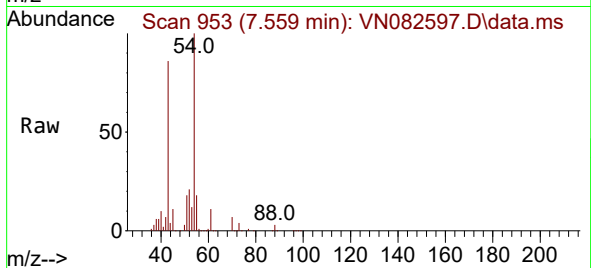
70 8.7 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#38

Carbon Tetrachloride

Concen: 101.066 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

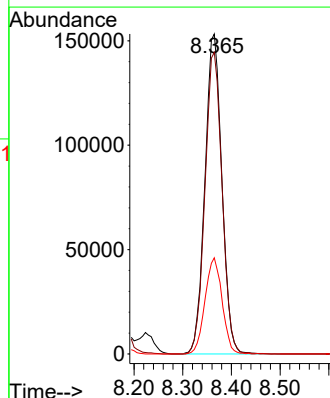
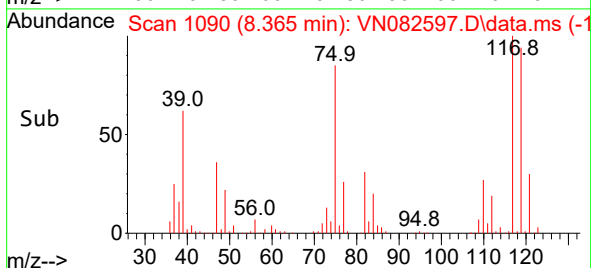
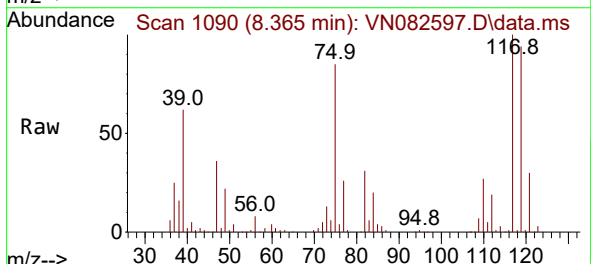
Tgt Ion:117 Resp: 369888

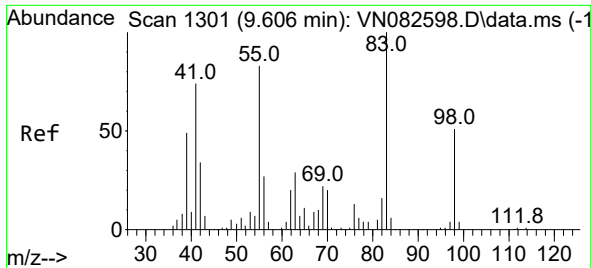
Ion Ratio Lower Upper

117 100

119 94.2 74.9 112.3

121 30.0 24.3 36.5





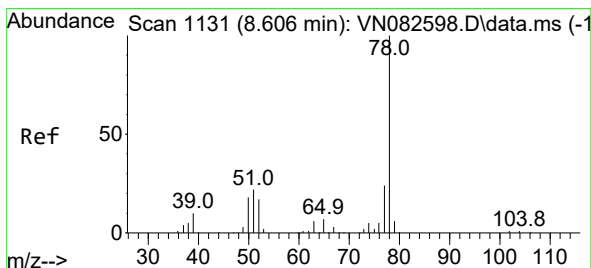
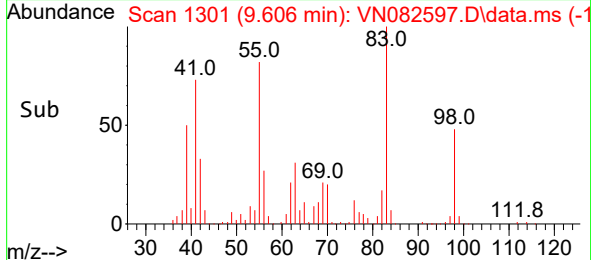
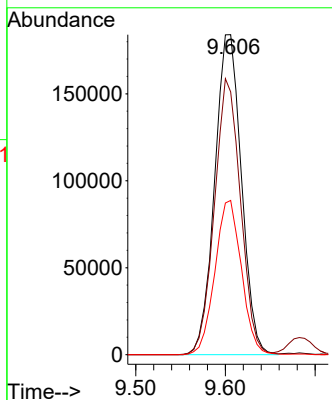
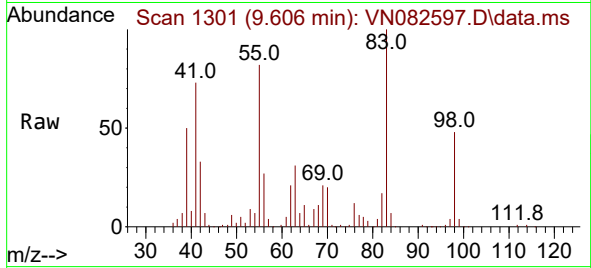
#39
Methylcyclohexane
Concen: 111.418 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 380794
Ion Ratio Lower Upper
83 100
55 82.1 66.4 99.6
98 48.2 40.7 61.1

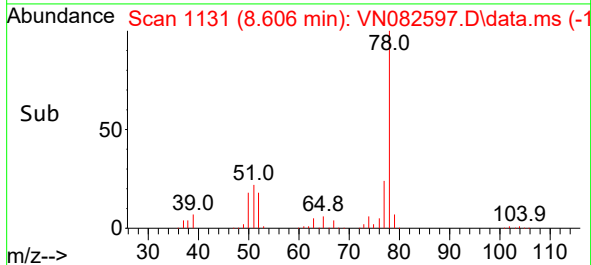
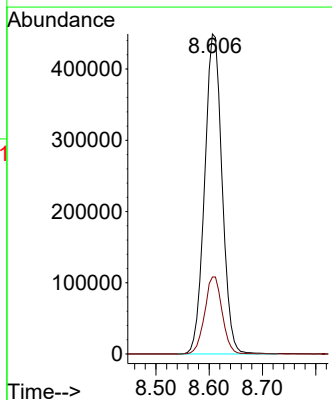
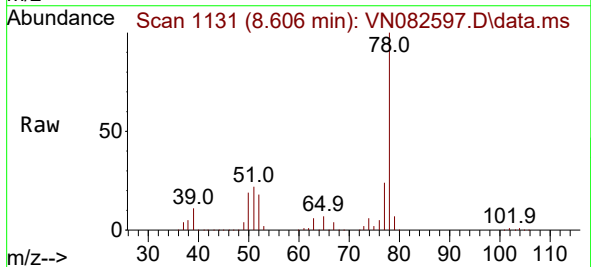
Manual Integrations
APPROVED

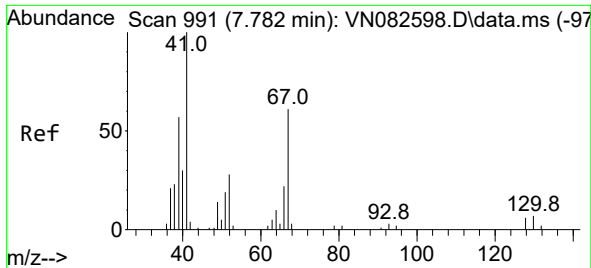
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#40
Benzene
Concen: 101.973 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

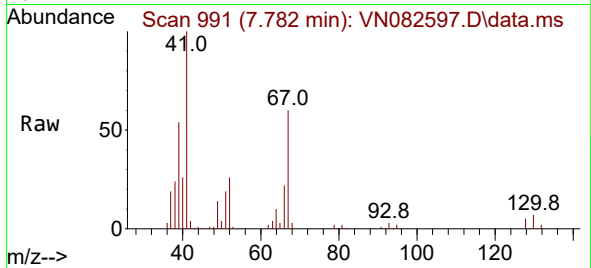
Tgt Ion: 78 Resp: 1023259
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





#41
Methacrylonitrile
Concen: 105.373 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

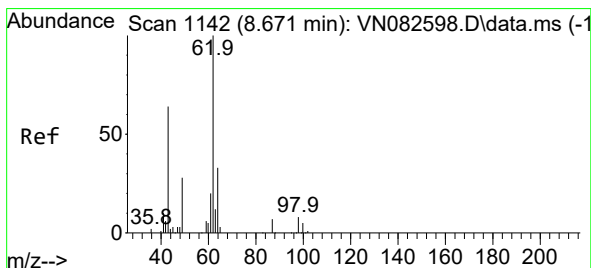
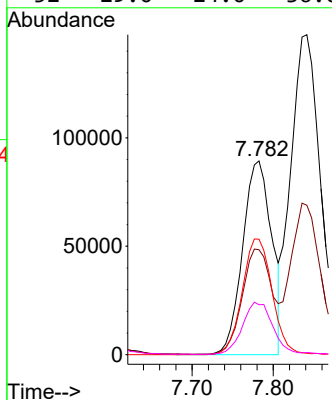
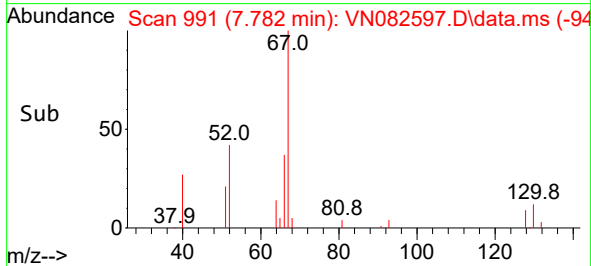
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



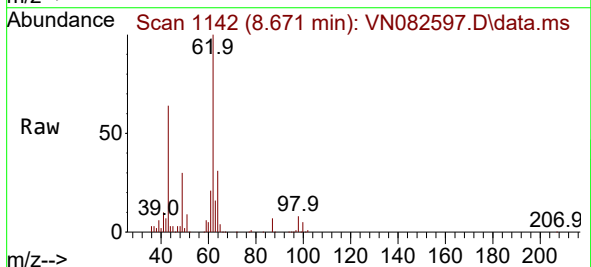
Tgt Ion: 41 Resp: 222819
Ion Ratio Lower Upper
41 100
39 55.4 45.5 68.3
67 61.5 50.5 75.7
52 29.0 24.0 36.0

Manual Integrations
APPROVED

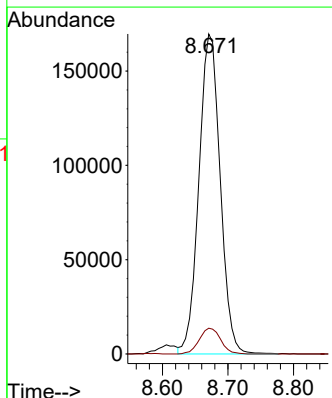
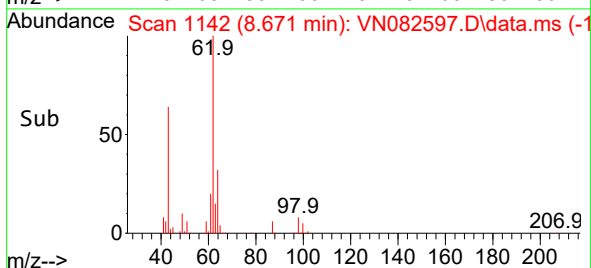
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

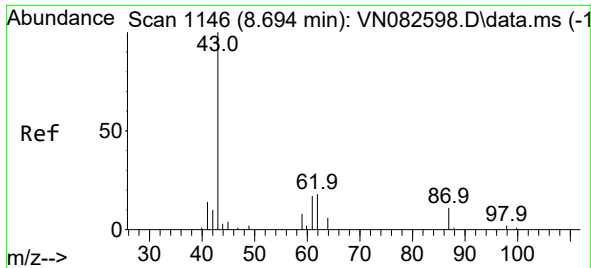


#42
1,2-Dichloroethane
Concen: 100.587 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38



Tgt Ion: 62 Resp: 383931
Ion Ratio Lower Upper
62 100
98 8.1 0.0 15.8





#43
Isopropyl Acetate
Concen: 89.676 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

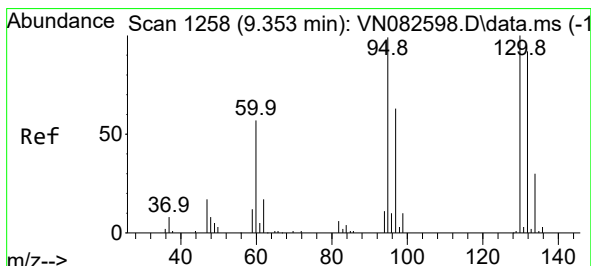
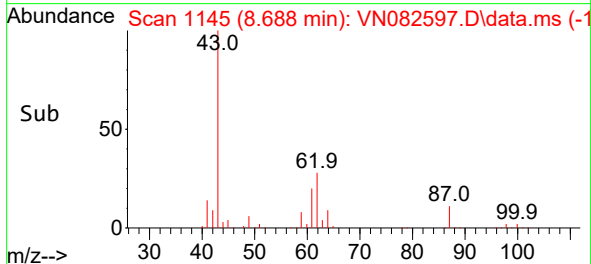
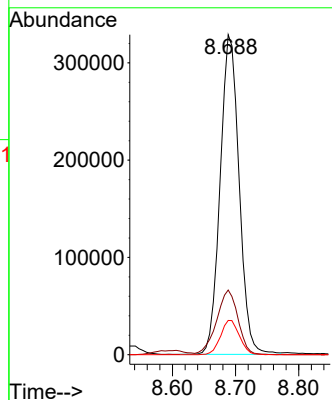
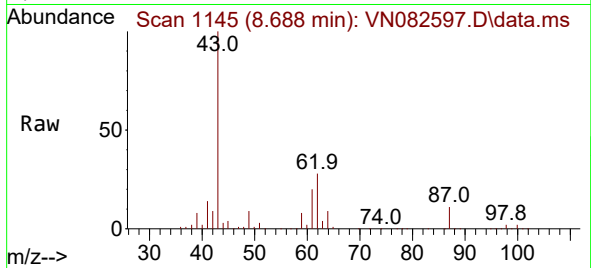
Tgt Ion: 43 Resp: 686270
Ion Ratio Lower Upper
43 100
61 22.8 17.8 26.6
87 10.7 8.2 12.2

Manual Integrations

APPROVED

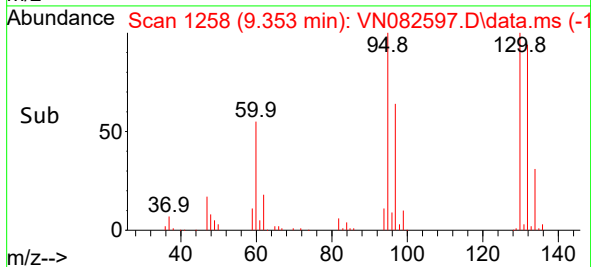
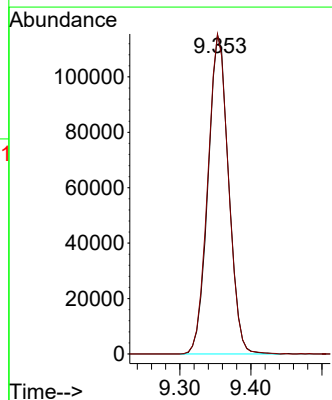
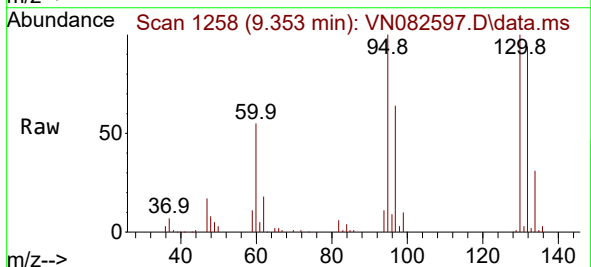
Reviewed By :John Carlone 06/18/2024

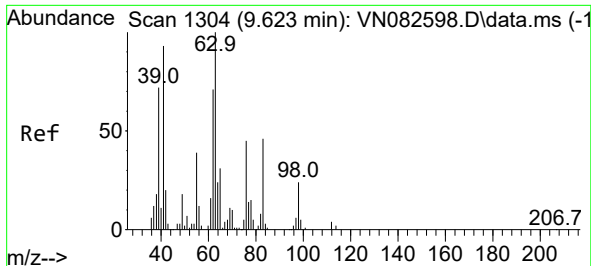
Supervised By :Mahesh Dadoda 06/18/2024



#44
Trichloroethene
Concen: 99.412 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Tgt Ion:130 Resp: 231639
Ion Ratio Lower Upper
130 100
95 100.3 0.0 197.8





#45

1,2-Dichloropropane

Concen: 102.186 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 26393

Ion Ratio Lower Upper

63 100

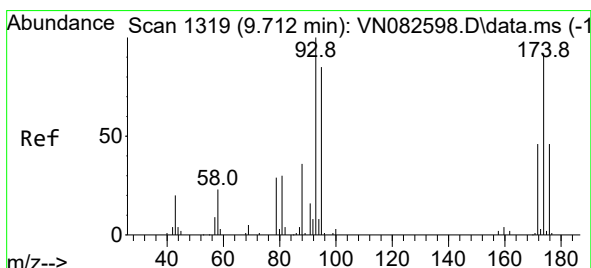
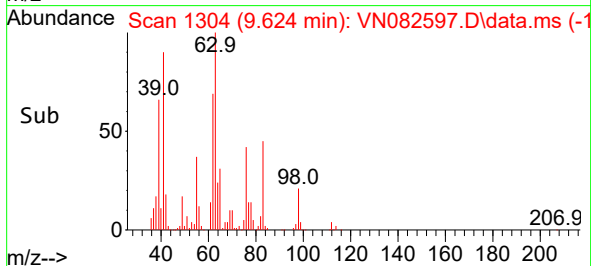
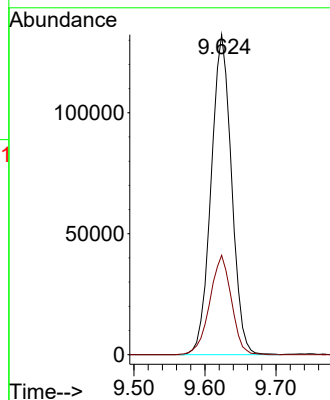
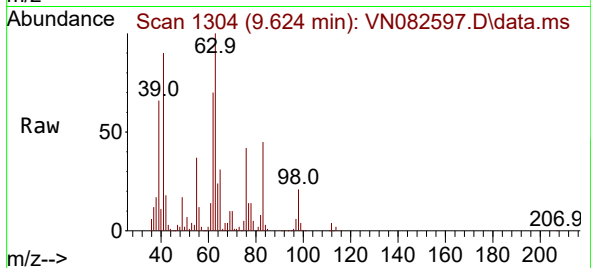
65 31.0 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#46

Dibromomethane

Concen: 100.347 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

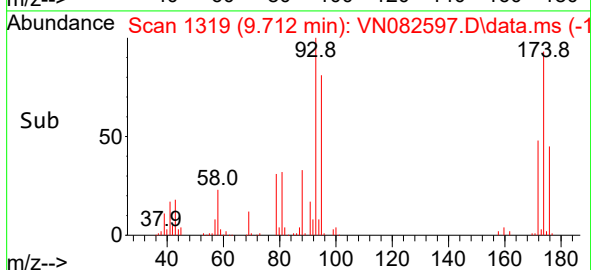
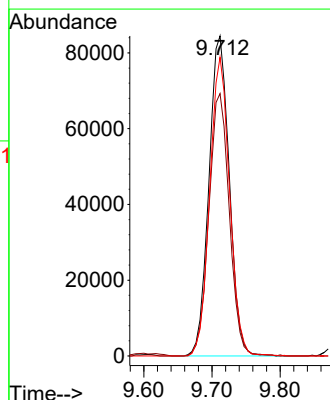
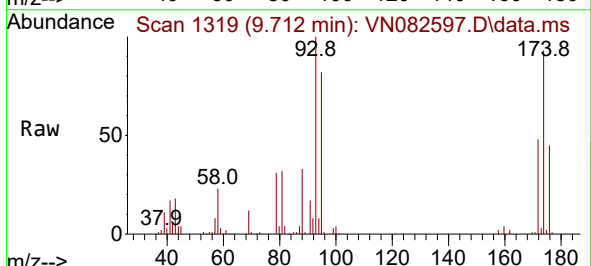
Tgt Ion: 93 Resp: 175694

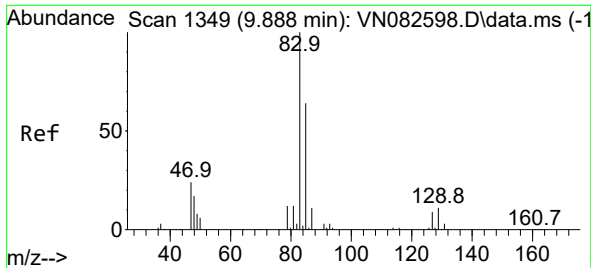
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.6

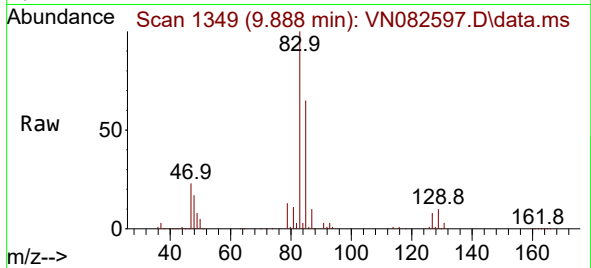
174 91.4 71.7 107.5





#47
Bromodichloromethane
Concen: 100.311 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

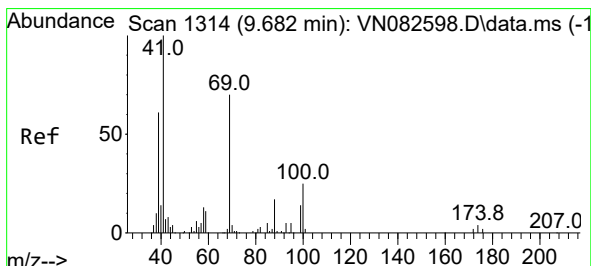
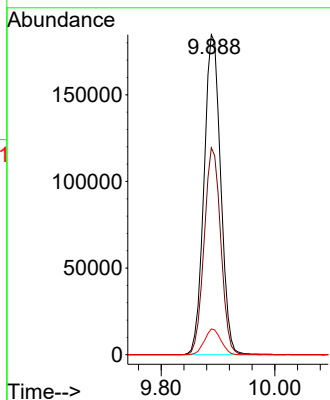
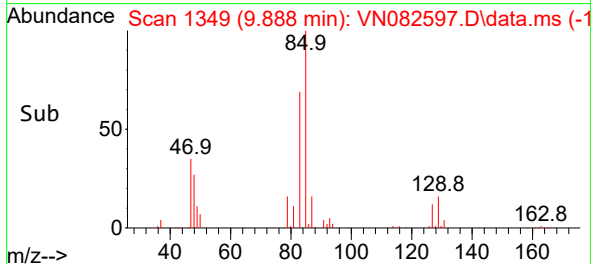
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



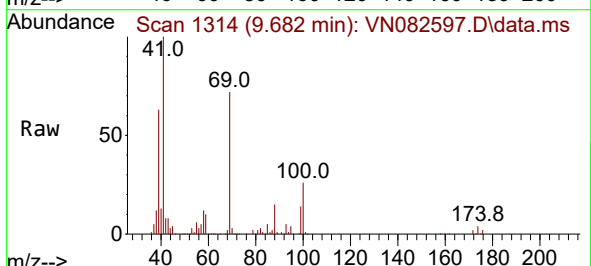
Tgt Ion: 83 Resp: 374444
Ion Ratio Lower Upper
83 100
85 64.7 51.1 76.7
127 8.1 7.2 10.8

Manual Integrations
APPROVED

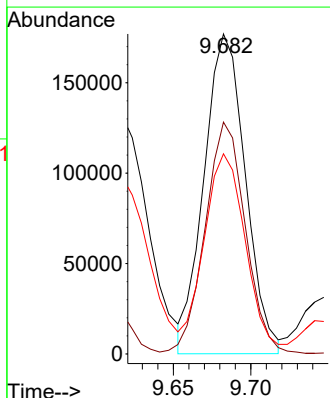
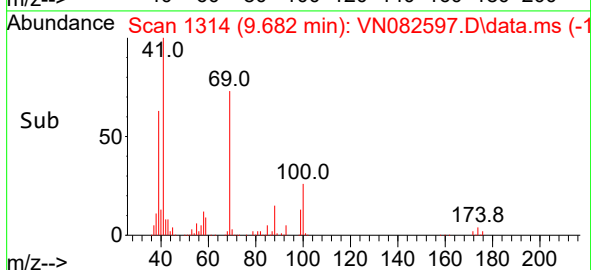
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

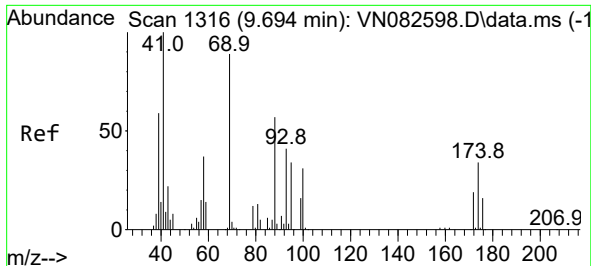


#48
Methyl methacrylate
Concen: 102.942 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38



Tgt Ion: 41 Resp: 328080
Ion Ratio Lower Upper
41 100
69 70.3 56.3 84.5
39 63.6 50.3 75.5





#49

1,4-Dioxane

Concen: 2037.993 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 88 Resp: 101590

Ion Ratio Lower Upper

88 100

43 35.5 27.8 41.8

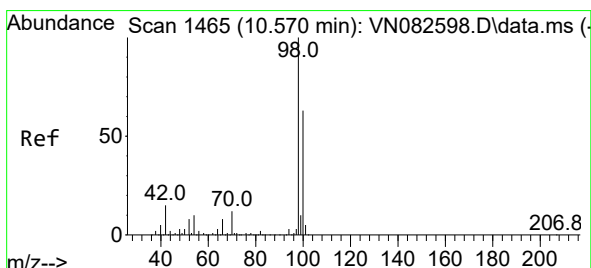
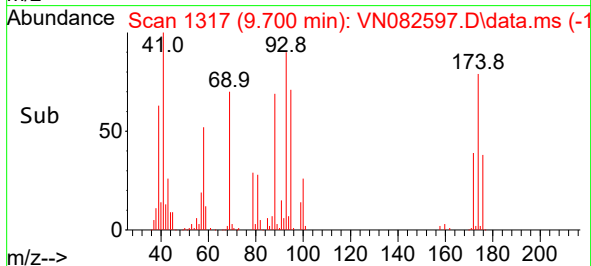
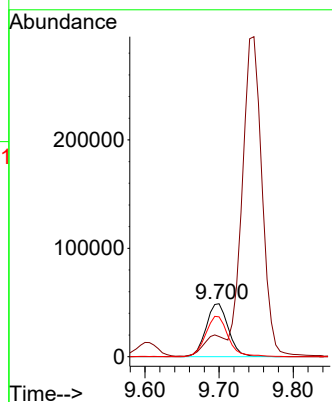
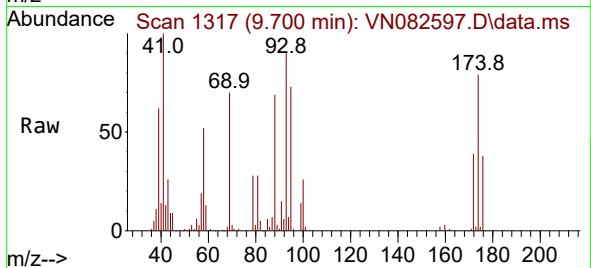
58 78.3 59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#50

Toluene-d8

Concen: 106.271 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082597.D

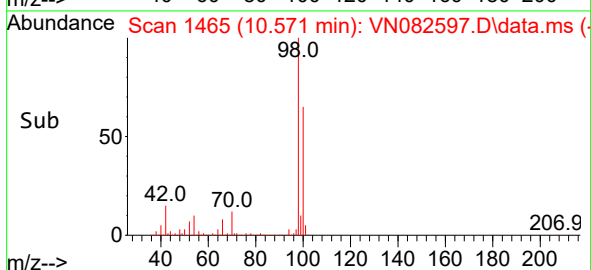
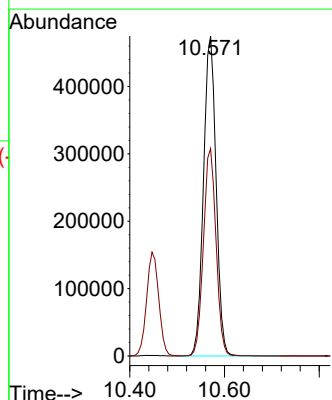
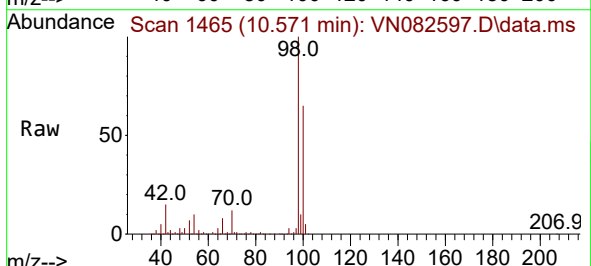
Acq: 17 Jun 2024 09:38

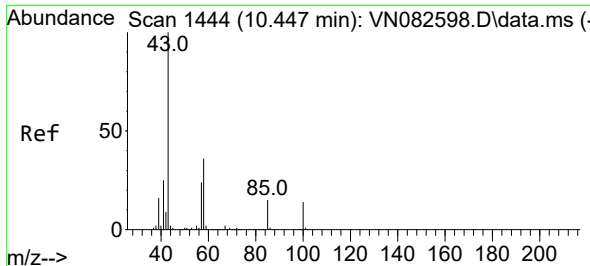
Tgt Ion: 98 Resp: 873060

Ion Ratio Lower Upper

98 100

100 64.9 51.5 77.3





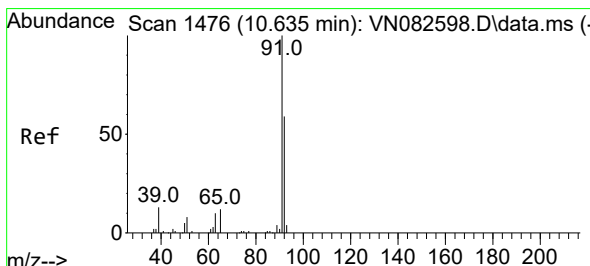
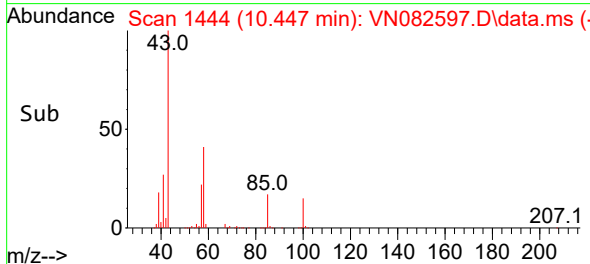
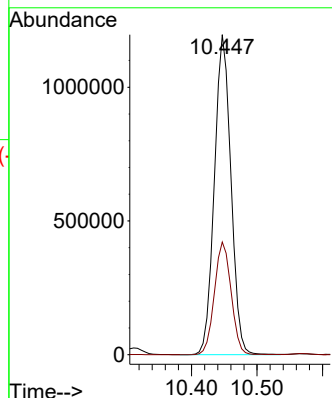
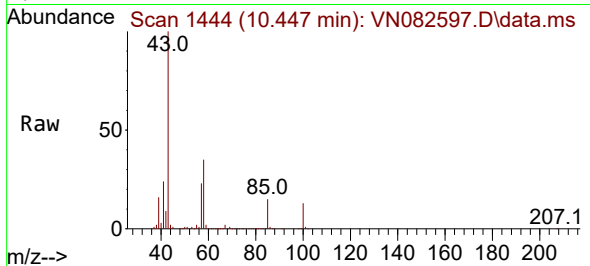
#51
4-Methyl-2-Pentanone
Concen: 527.526 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 209181
Ion Ratio Lower Upper
43 100
58 35.5 28.2 42.4

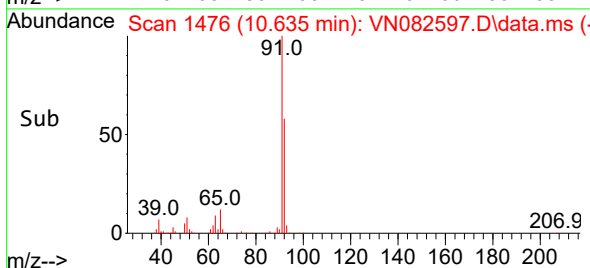
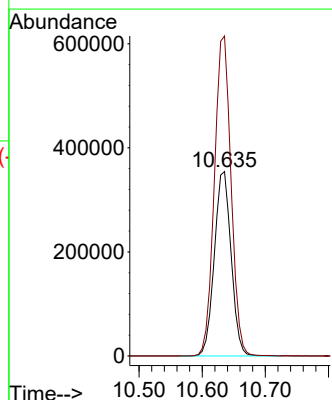
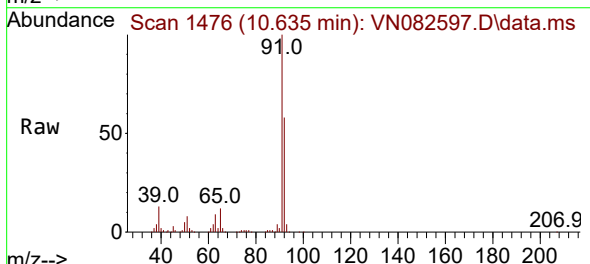
Manual Integrations
APPROVED

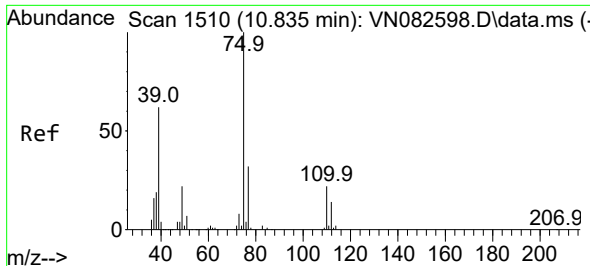
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#52
Toluene
Concen: 107.408 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

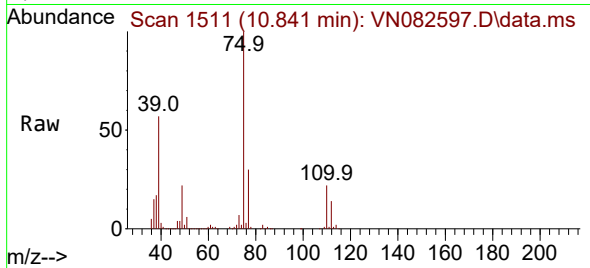
Tgt Ion: 92 Resp: 653178
Ion Ratio Lower Upper
92 100
91 172.9 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 110.023 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

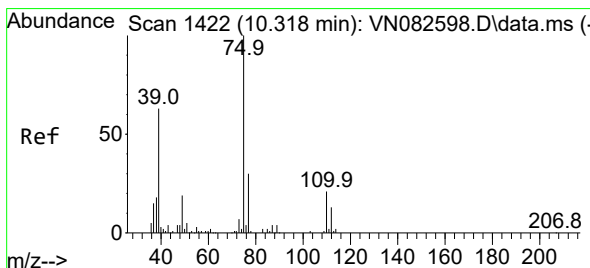
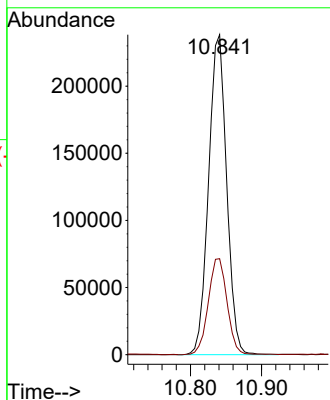
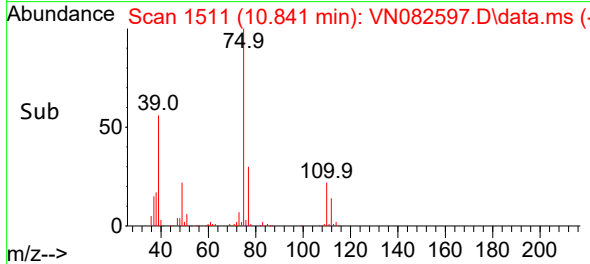
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



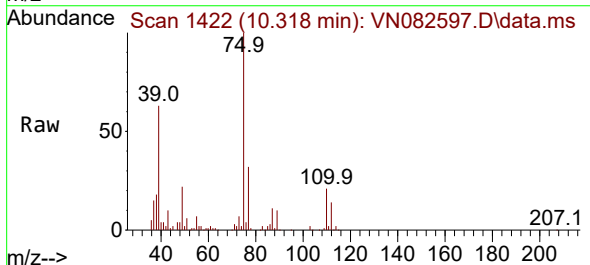
Tgt Ion: 75 Resp: 419850
Ion Ratio Lower Upper
75 100
77 30.0 25.7 38.5

Manual Integrations
APPROVED

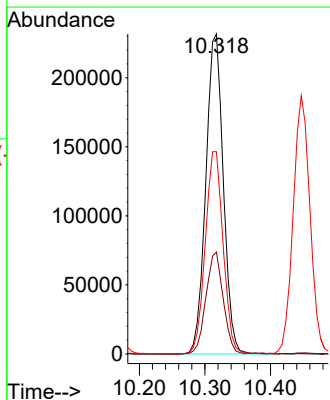
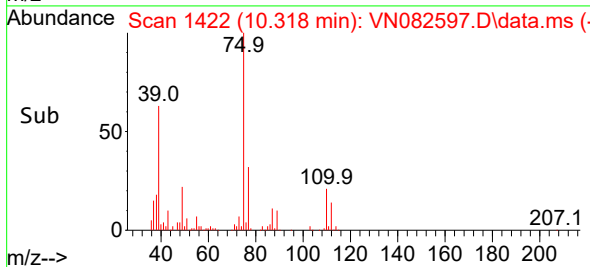
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

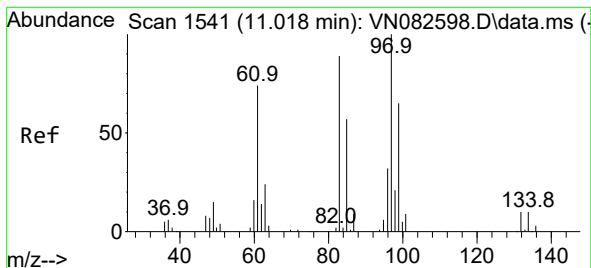


#54
cis-1,3-Dichloropropene
Concen: 108.941 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38



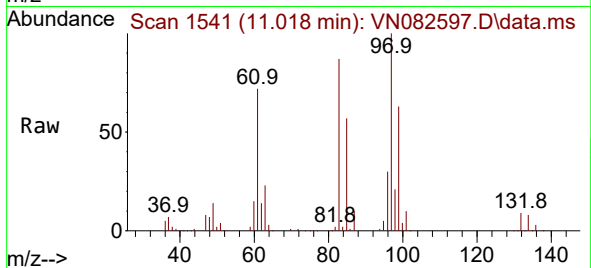
Tgt Ion: 75 Resp: 429892
Ion Ratio Lower Upper
75 100
77 31.9 24.3 36.5
39 63.2 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 105.339 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

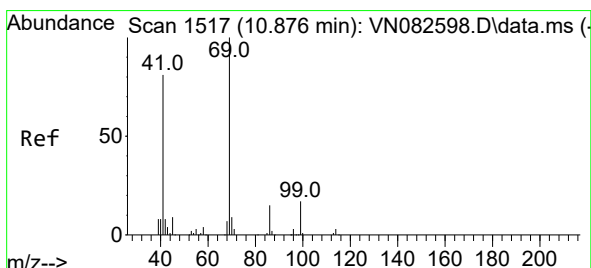
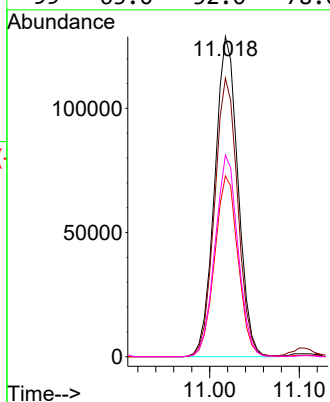
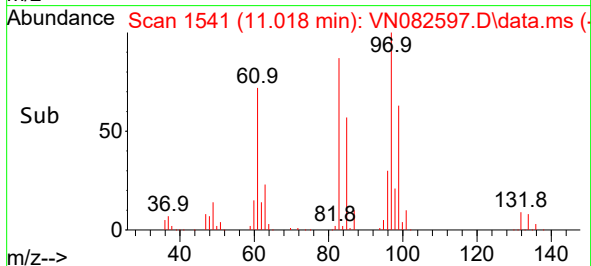
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



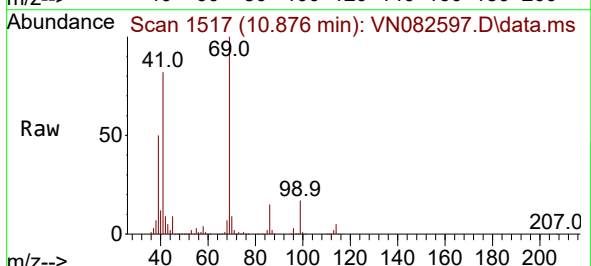
Tgt Ion: 97 Resp: 231859
Ion Ratio Lower Upper
97 100
83 87.0 71.4 107.0
85 56.5 45.8 68.6
99 63.0 52.0 78.0

Manual Integrations
APPROVED

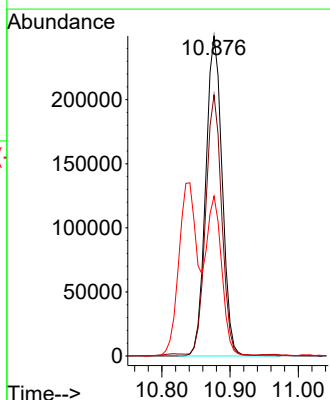
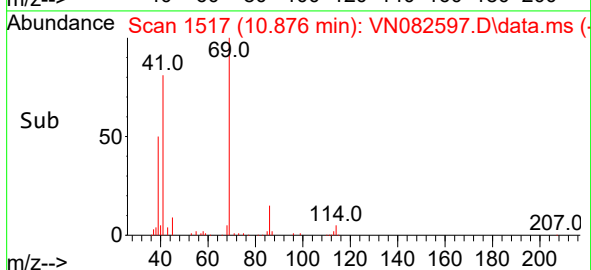
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

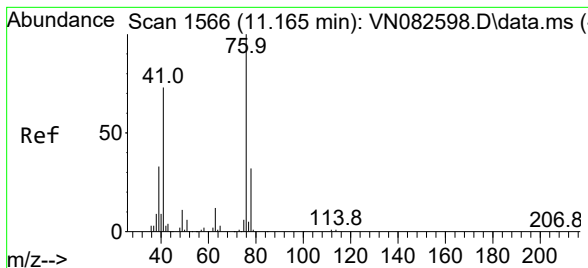


#56
Ethyl methacrylate
Concen: 114.792 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38



Tgt Ion: 69 Resp: 418476
Ion Ratio Lower Upper
69 100
41 79.2 63.4 95.2
39 45.2 37.4 56.0





#57

1,3-Dichloropropane

Concen: 103.797 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 42235

Ion Ratio Lower Upper

76 100

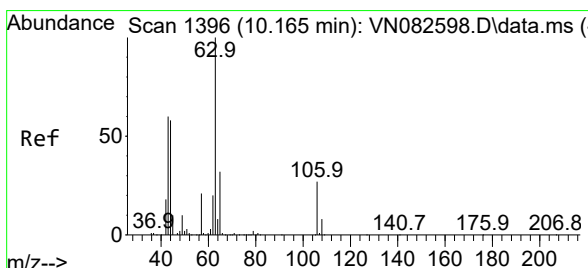
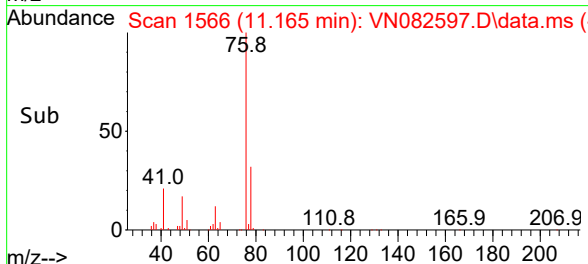
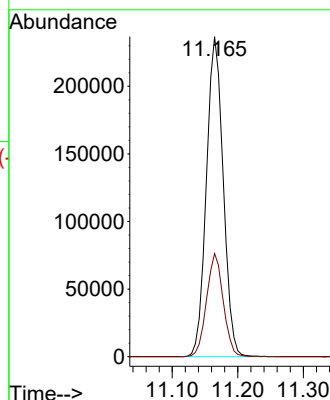
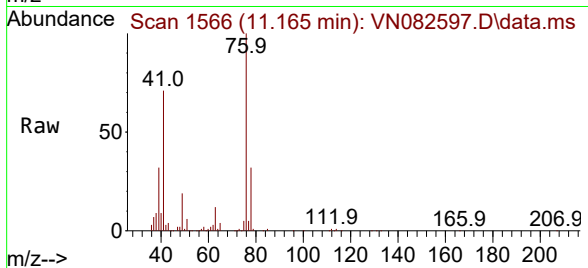
78 32.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#58

2-Chloroethyl Vinyl ether

Concen: 568.830 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN082597.D

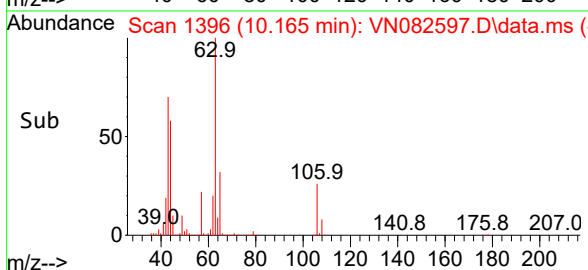
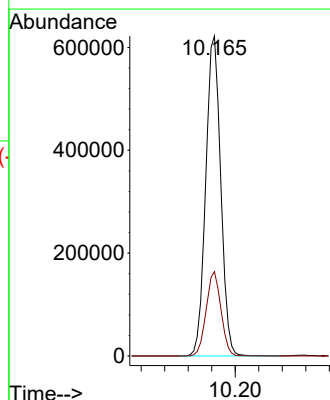
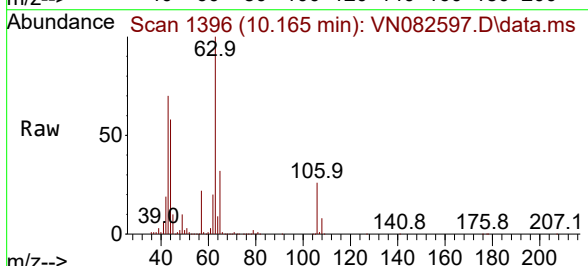
Acq: 17 Jun 2024 09:38

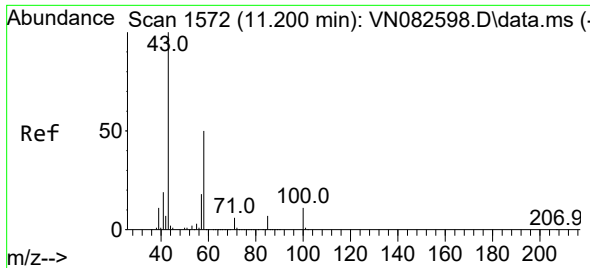
Tgt Ion: 63 Resp: 1096974

Ion Ratio Lower Upper

63 100

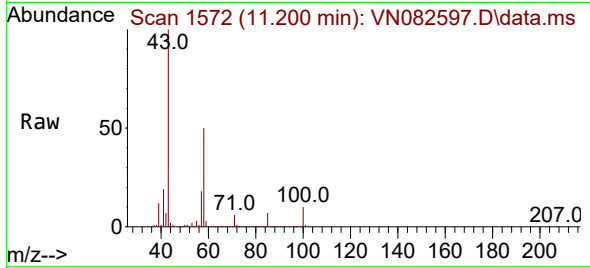
106 26.0 21.4 32.0





#59
2-Hexanone
Concen: 568.610 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

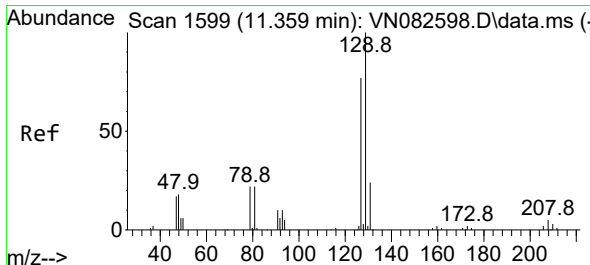
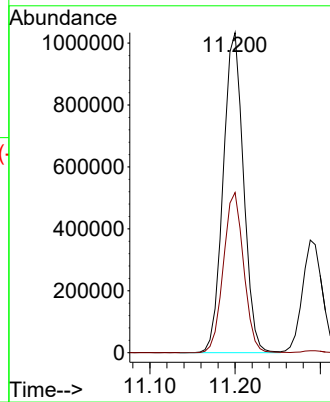
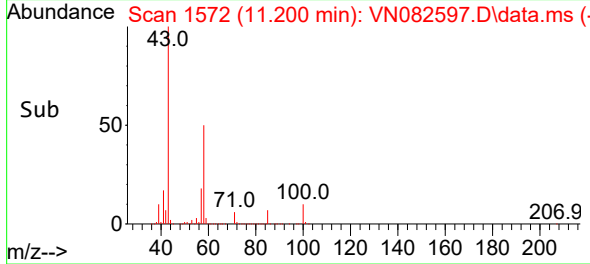
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 171369
Ion Ratio Lower Upper
43 100
58 49.9 24.6 73.8

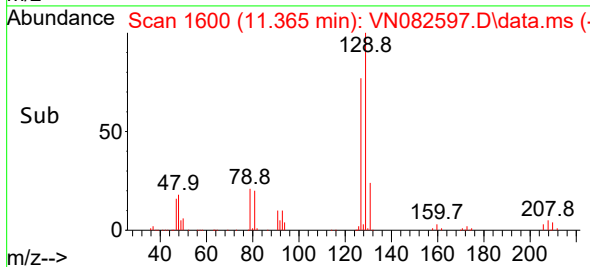
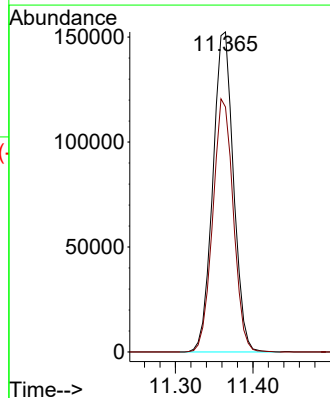
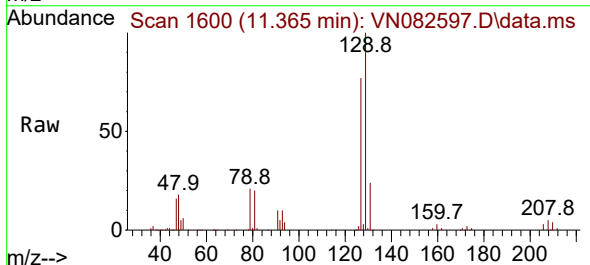
Manual Integrations
APPROVED

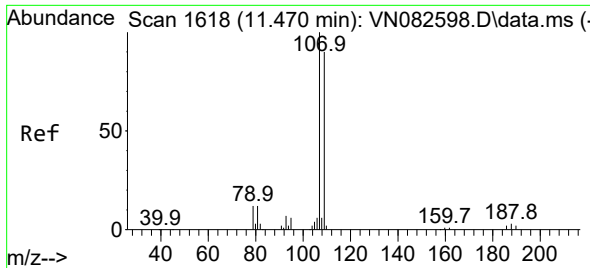
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#60
Dibromochloromethane
Concen: 104.935 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

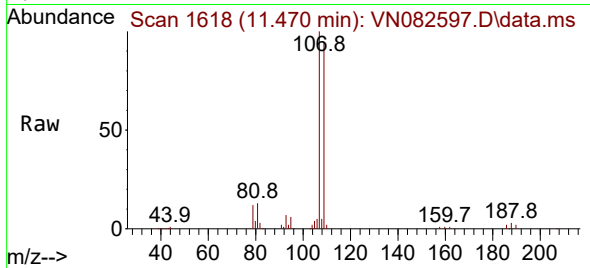
Tgt Ion:129 Resp: 281946
Ion Ratio Lower Upper
129 100
127 78.7 39.2 117.6





#61
1,2-Dibromoethane
Concen: 100.896 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

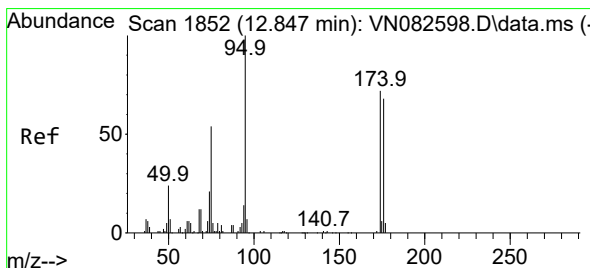
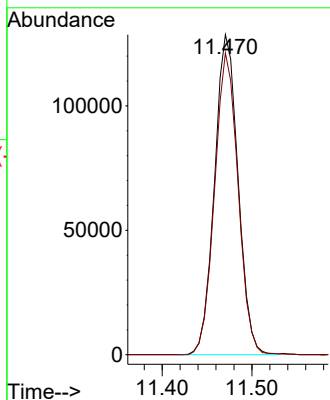
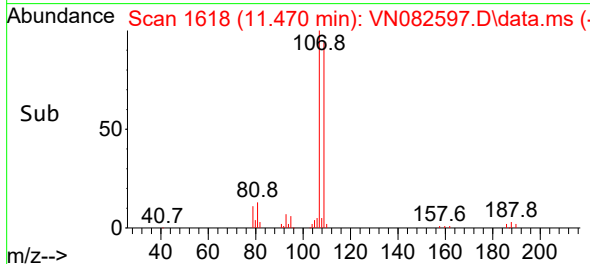
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:107 Resp: 234148
Ion Ratio Lower Upper
107 100
109 94.1 73.7 110.5

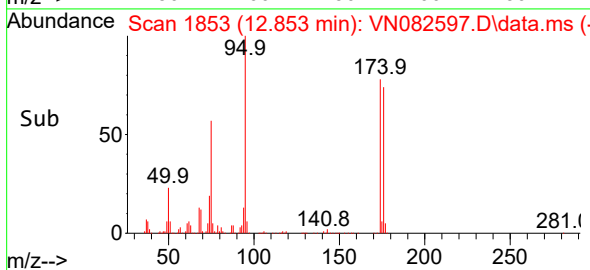
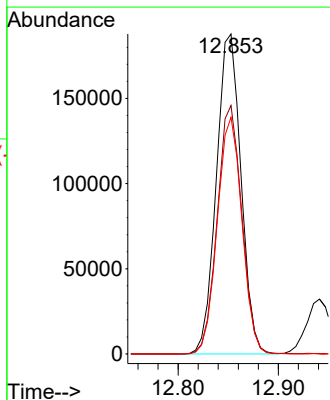
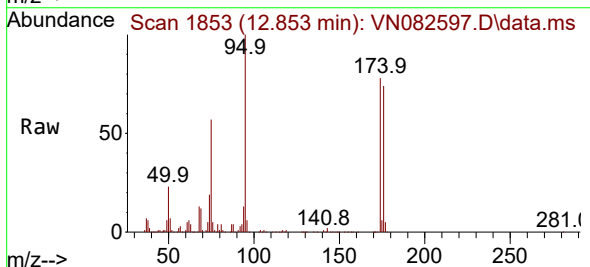
Manual Integrations
APPROVED

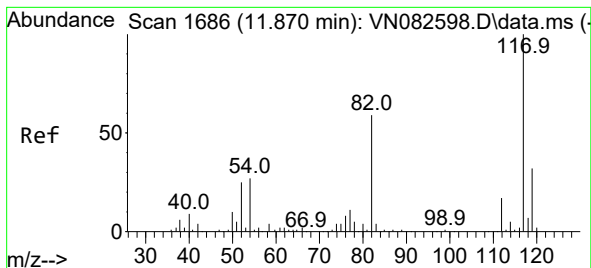
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#62
4-Bromofluorobenzene
Concen: 113.047 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Tgt Ion: 95 Resp: 320192
Ion Ratio Lower Upper
95 100
174 77.8 0.0 159.2
176 73.9 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:117 Resp: 300675

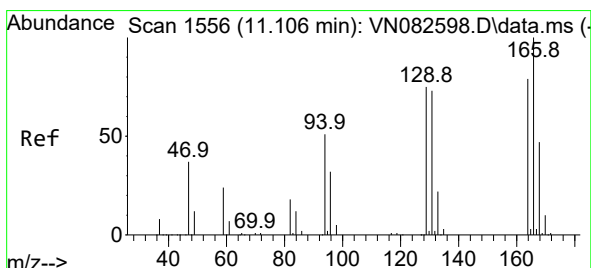
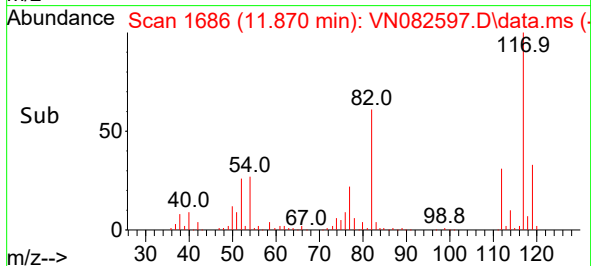
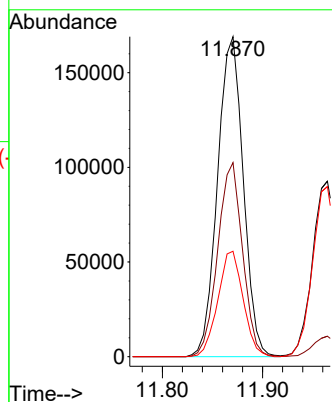
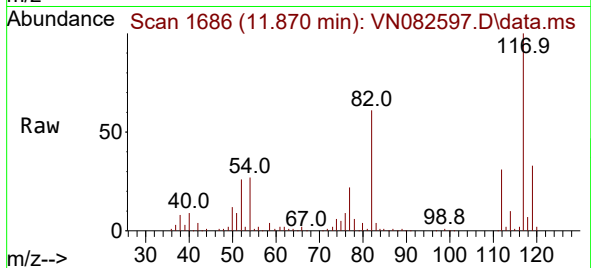
Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.5	71.3
119	32.9	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#64

Tetrachloroethene

Concen: 94.491 ug/l

RT: 11.106 min Scan# 1556

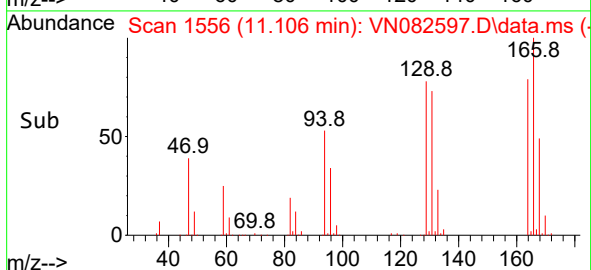
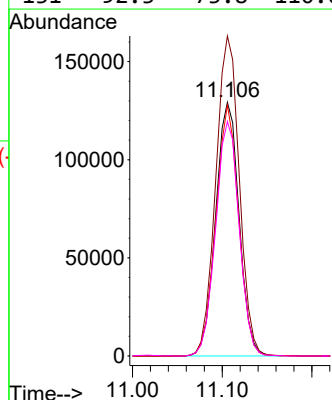
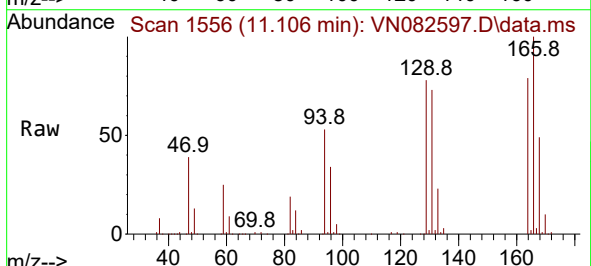
Delta R.T. 0.000 min

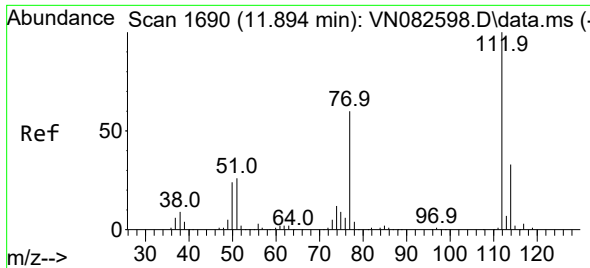
Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

Tgt Ion:164 Resp: 234255

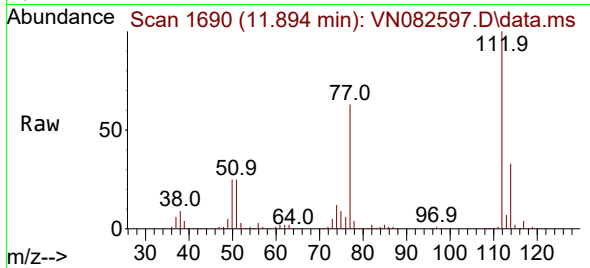
Ion	Ratio	Lower	Upper
164	100		
166	126.1	101.4	152.0
129	98.9	75.7	113.5
131	92.3	73.8	110.6





#65
Chlorobenzene
Concen: 98.933 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

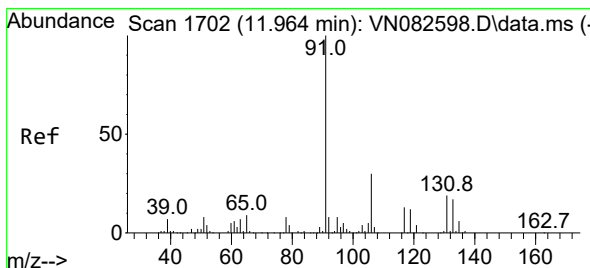
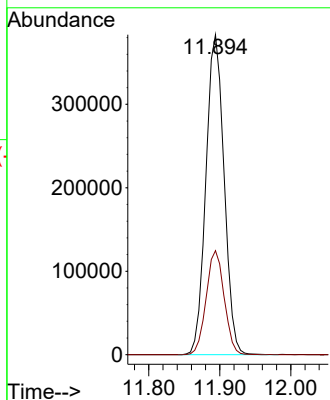
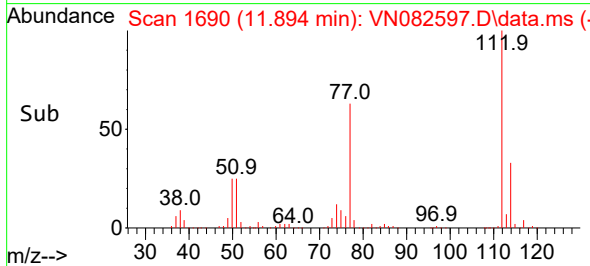
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:112 Resp: 682139
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2

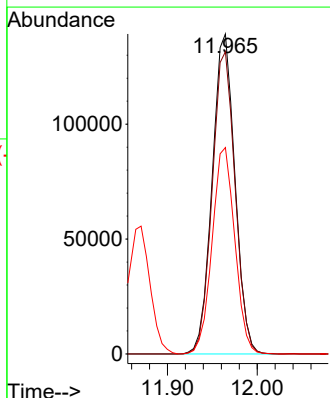
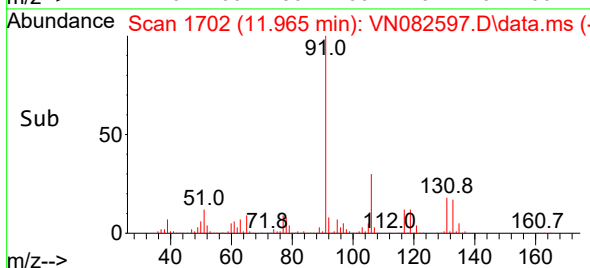
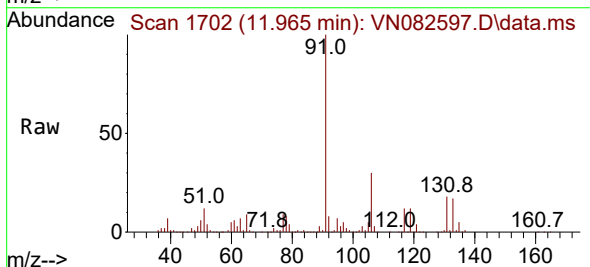
Manual Integrations
APPROVED

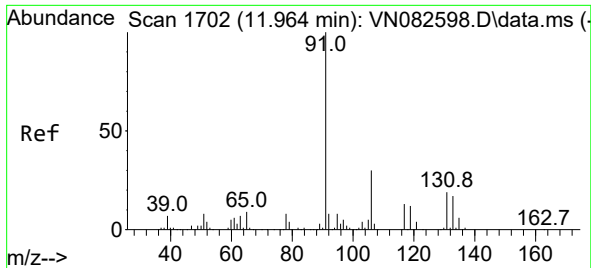
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 99.726 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Tgt Ion:131 Resp: 245187
Ion Ratio Lower Upper
131 100
133 95.0 47.3 142.0
119 64.4 32.5 97.4





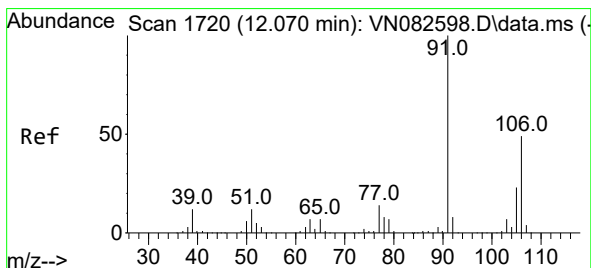
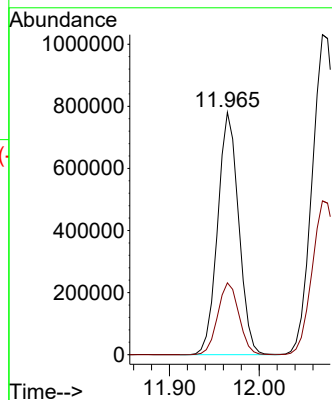
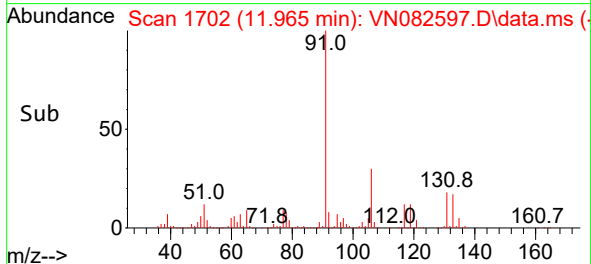
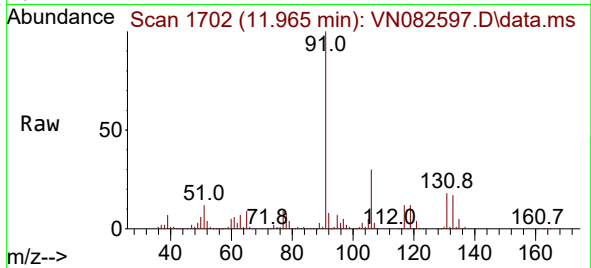
#67
Ethyl Benzene
Concen: 107.861 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 1267204
Ion Ratio Lower Upper
91 100
106 29.6 24.0 36.0

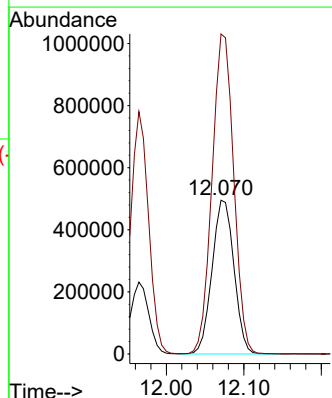
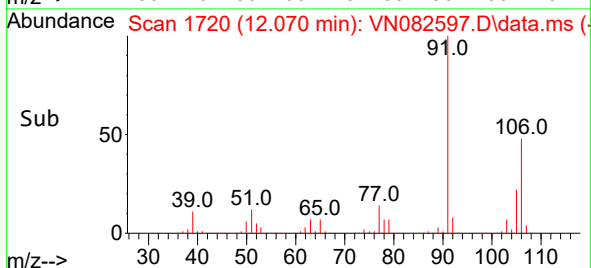
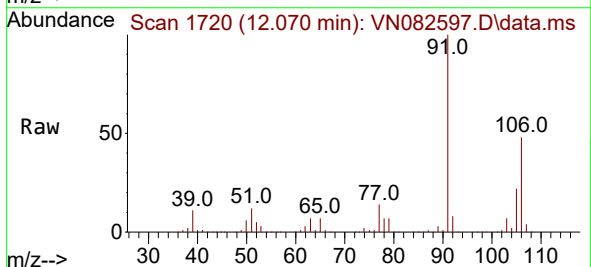
Manual Integrations
APPROVED

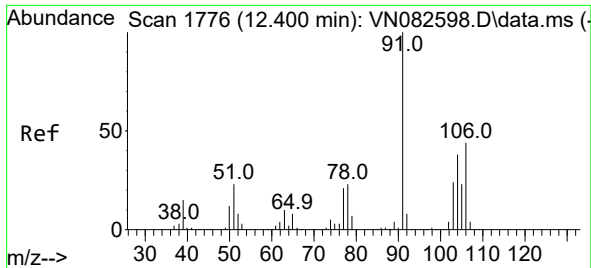
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#68
m/p-Xylenes
Concen: 222.281 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Tgt Ion:106 Resp: 971539
Ion Ratio Lower Upper
106 100
91 205.9 166.1 249.1





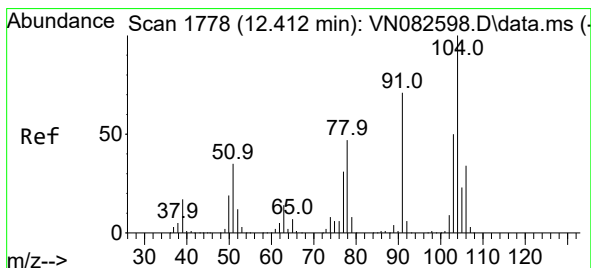
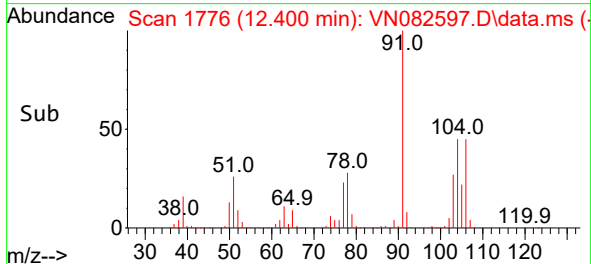
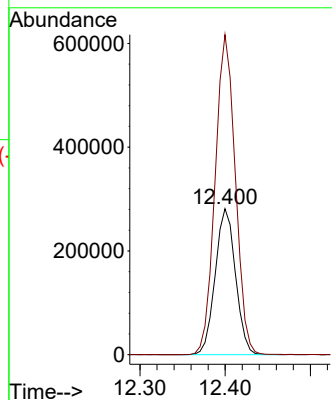
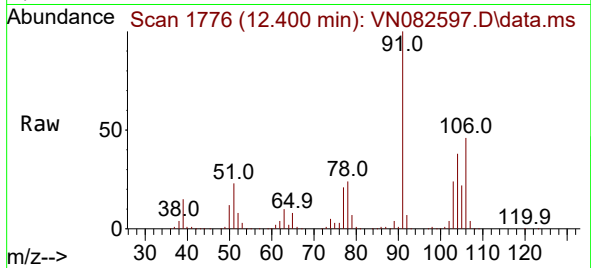
#69
o-Xylene
Concen: 113.442 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 465839
Ion Ratio Lower Upper
106 100
91 218.7 111.3 333.9

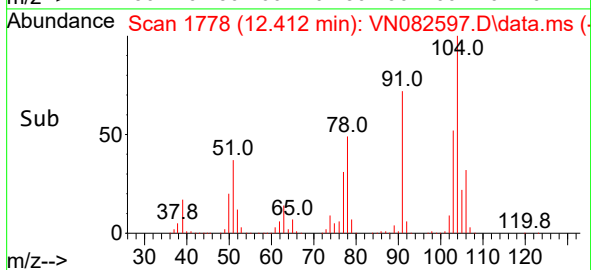
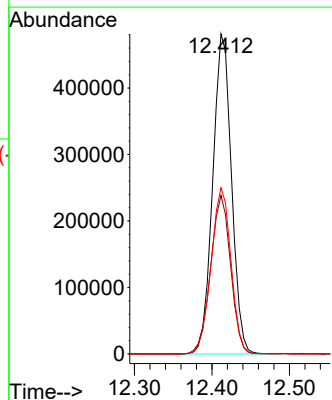
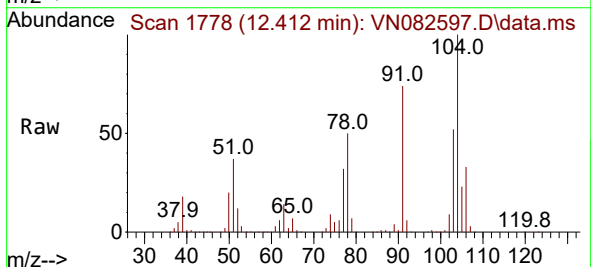
Manual Integrations
APPROVED

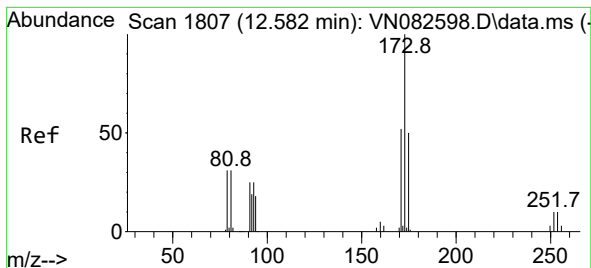
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#70
Styrene
Concen: 116.126 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Tgt Ion:104 Resp: 809349
Ion Ratio Lower Upper
104 100
78 52.7 41.6 62.4
103 55.0 44.0 66.0





#71

Bromoform

Concen: 103.246 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:173 Resp: 20069

Ion Ratio Lower Upper

173 100

175 48.6 24.0 72.0

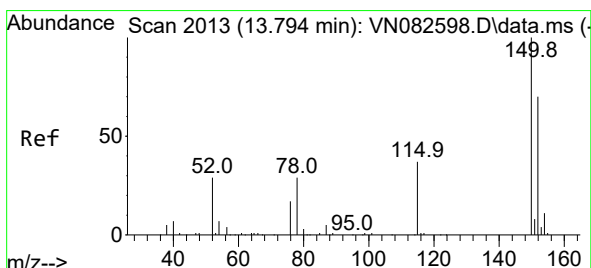
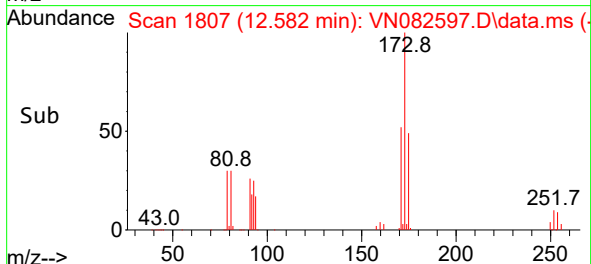
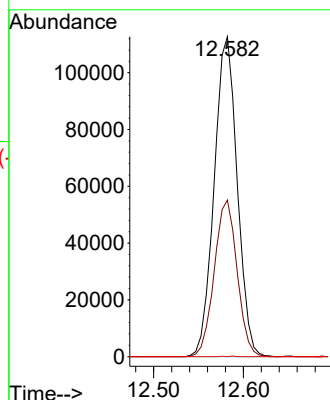
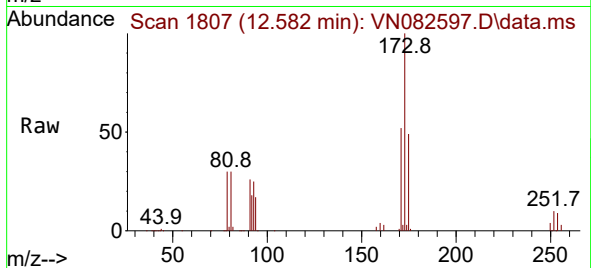
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

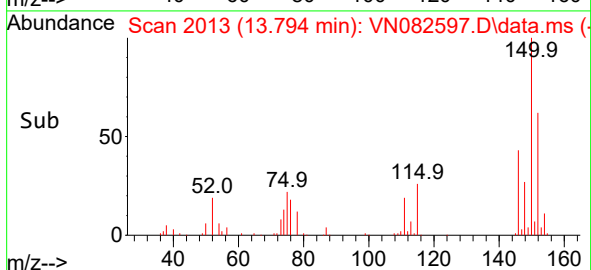
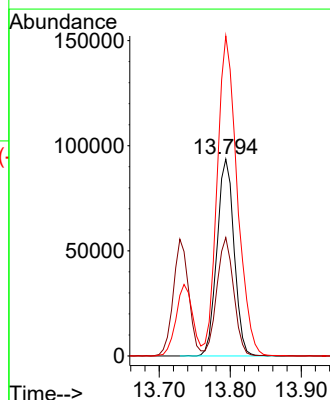
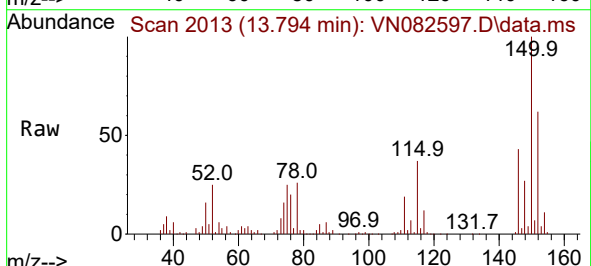
Tgt Ion:152 Resp: 156217

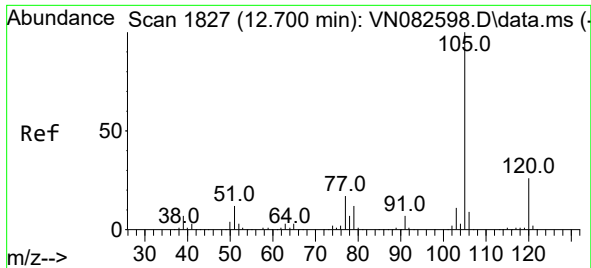
Ion Ratio Lower Upper

152 100

115 59.1 30.6 91.6

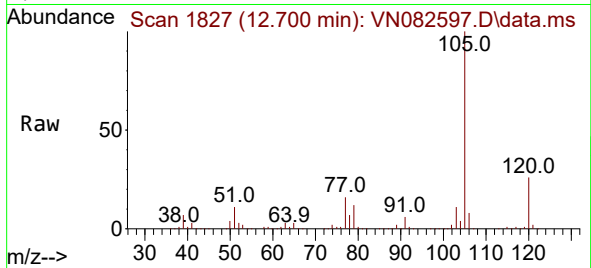
150 190.3 0.0 348.6





#73
Isopropylbenzene
Concen: 101.285 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

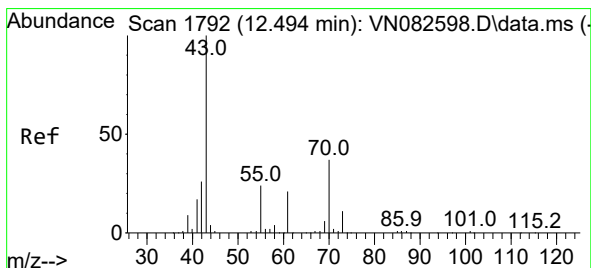
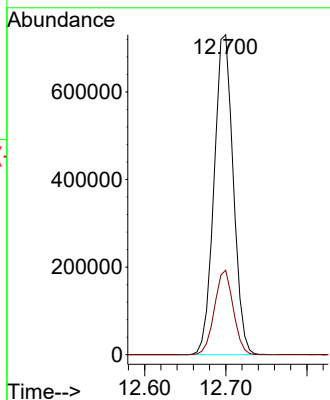
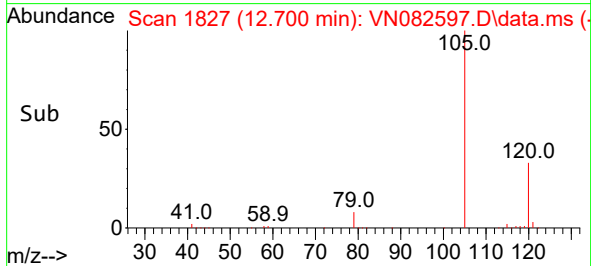
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:105 Resp: 1201484
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6

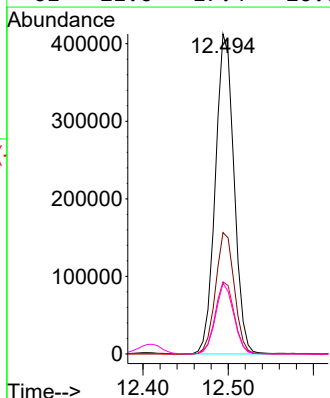
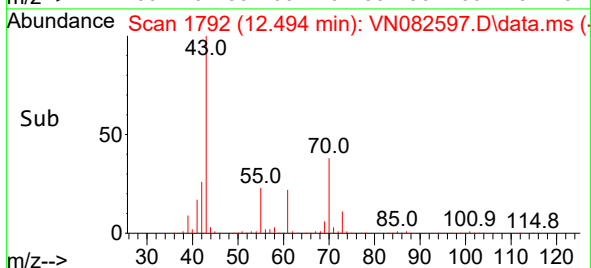
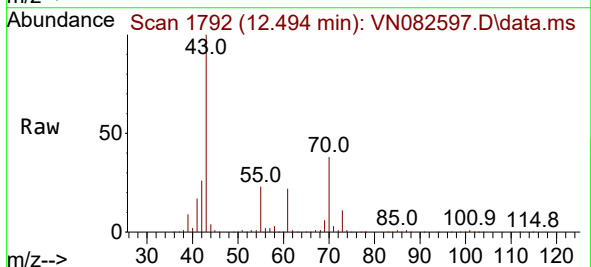
Manual Integrations
APPROVED

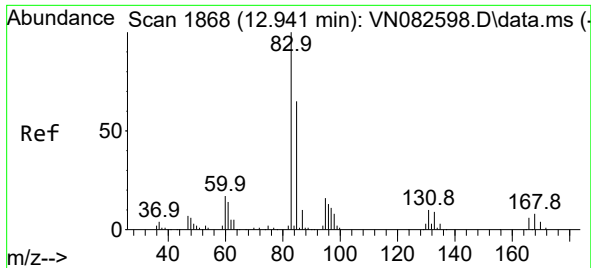
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#74
N-ethyl acetate
Concen: 99.247 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

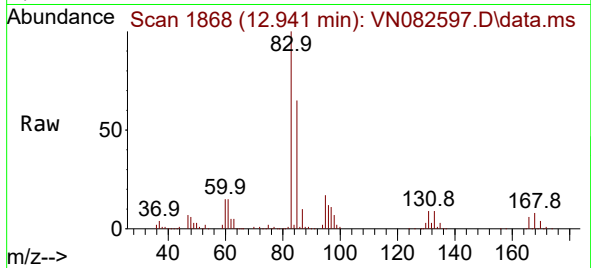
Tgt Ion: 43 Resp: 628318
Ion Ratio Lower Upper
43 100
70 38.1 29.8 44.6
55 23.0 18.7 28.1
61 21.6 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 85.596 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

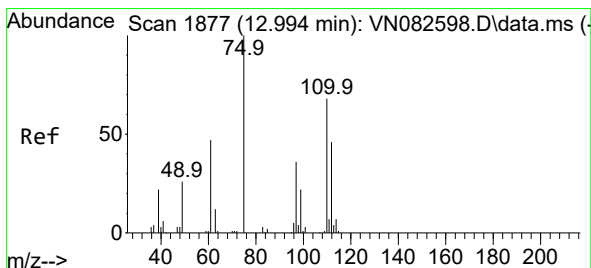
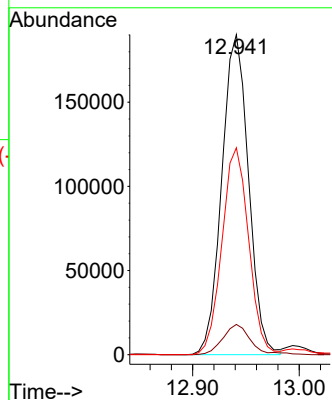
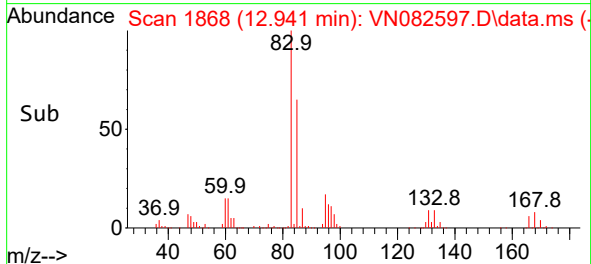
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 331200
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 64.5 31.9 95.7

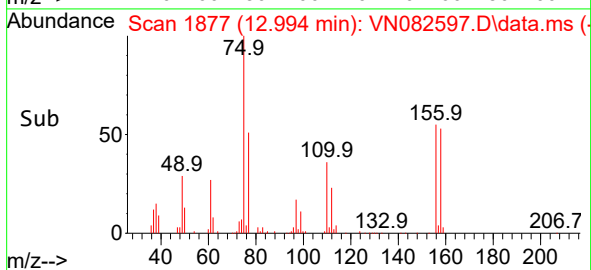
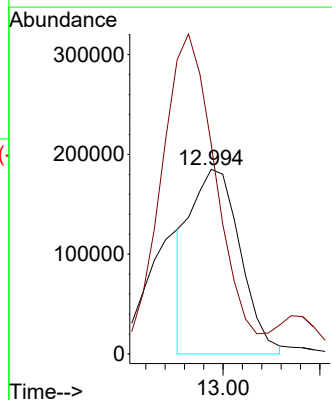
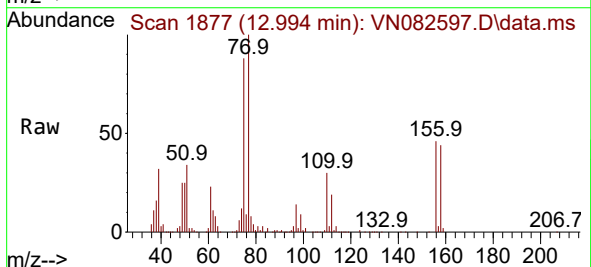
Manual Integrations
APPROVED

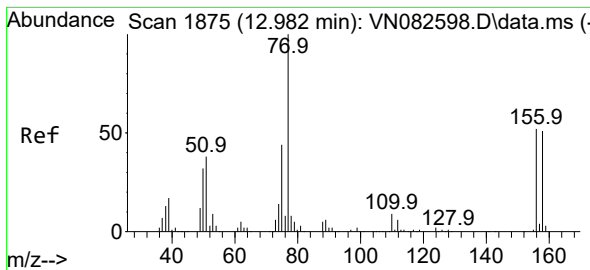
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#76
1,2,3-Trichloropropane
Concen: 91.514 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Tgt Ion: 75 Resp: 330949
Ion Ratio Lower Upper
75 100
77 191.8 110.9 332.6





#77

Bromobenzene

Concen: 94.591 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

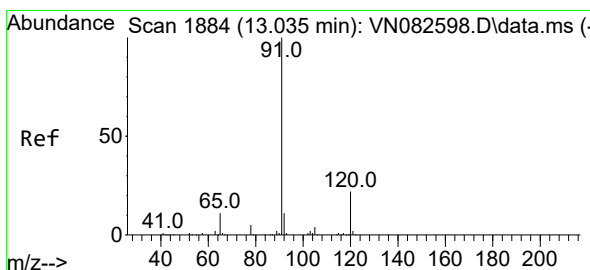
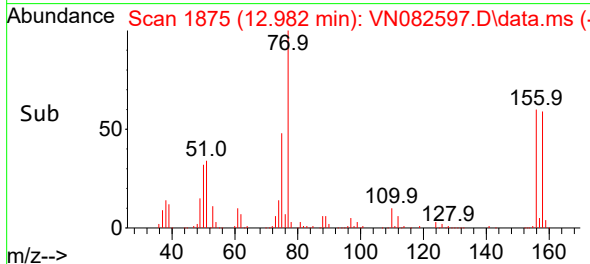
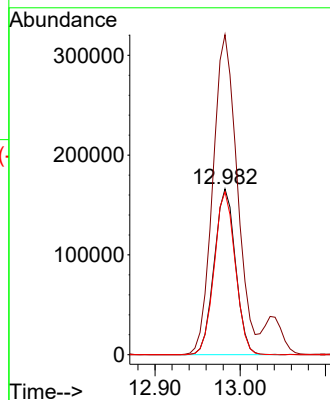
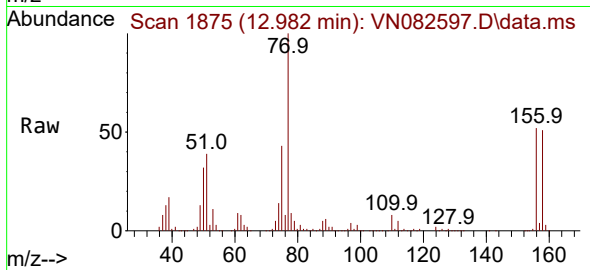
Tgt Ion:156 Resp: 28882
 Ion Ratio Lower Upper
 156 100
 77 219.8 111.3 333.8
 158 97.2 48.3 144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#78

n-propylbenzene

Concen: 103.778 ug/l

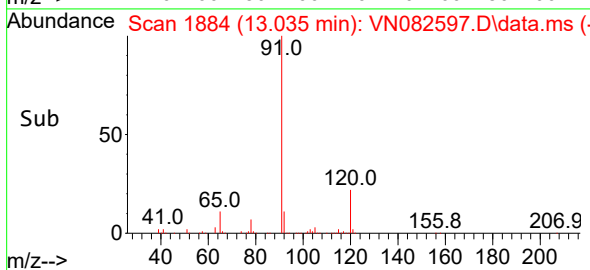
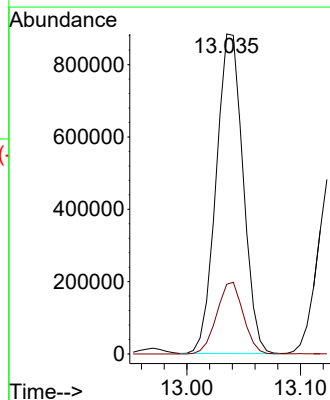
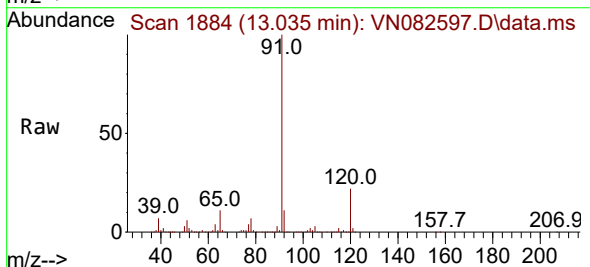
RT: 13.035 min Scan# 1884

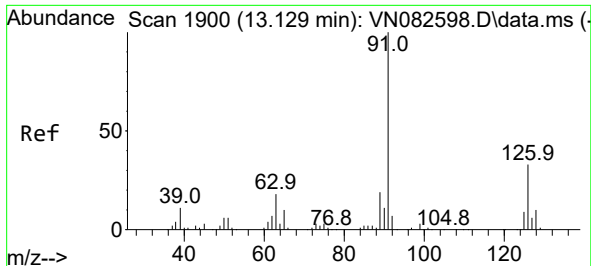
Delta R.T. 0.000 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

Tgt Ion: 91 Resp: 1456174
 Ion Ratio Lower Upper
 91 100
 120 22.1 10.9 32.9





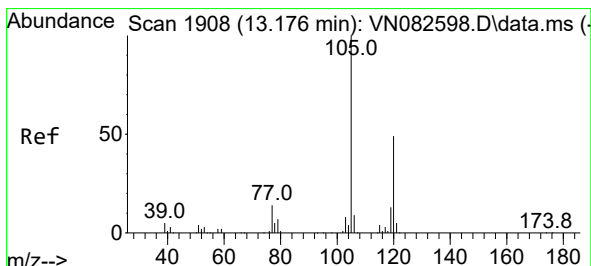
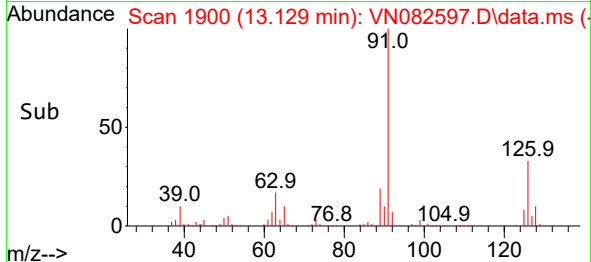
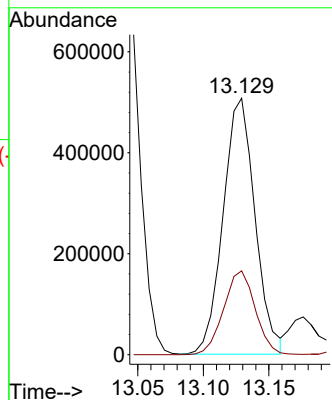
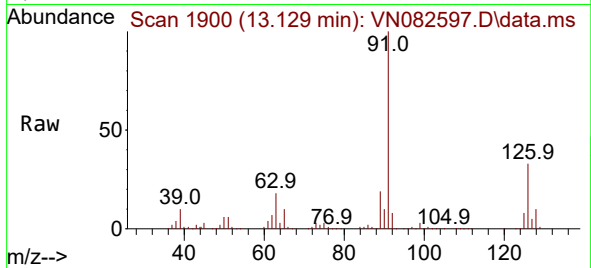
#79
2-Chlorotoluene
Concen: 97.703 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 859733
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.6

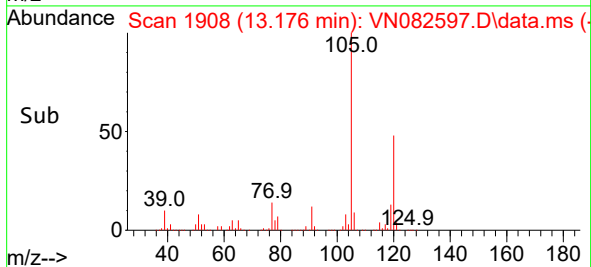
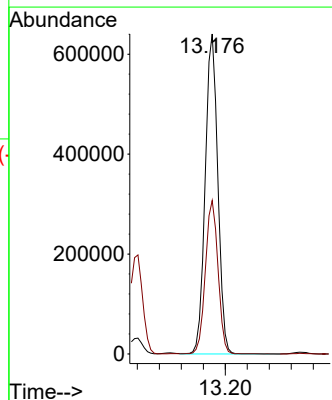
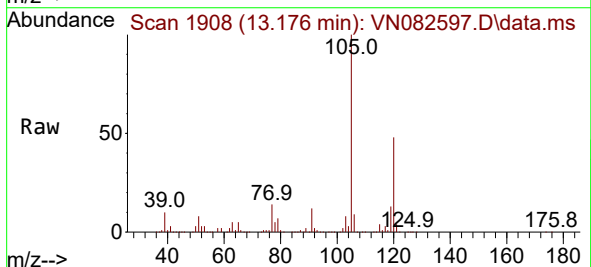
Manual Integrations
APPROVED

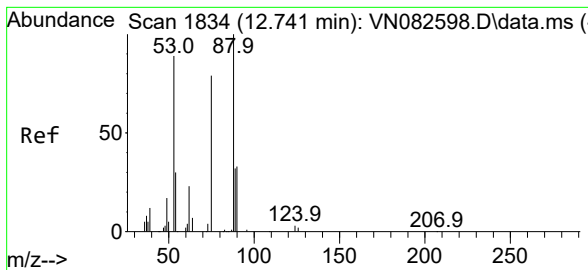
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 105.773 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

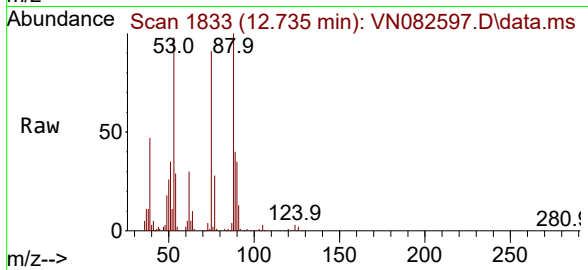
Tgt Ion:105 Resp: 1018233
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 94.402 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

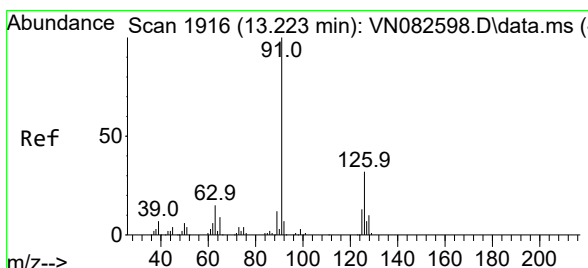
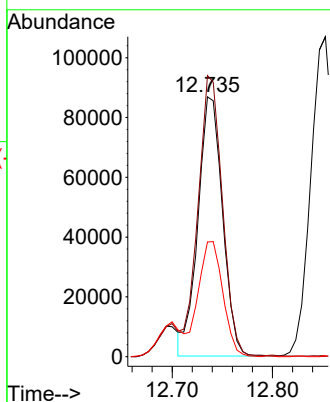
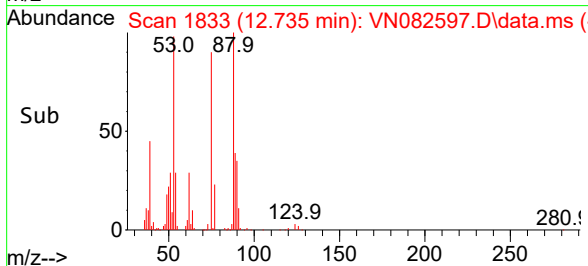
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 147834
Ion Ratio Lower Upper
75 100
53 119.0 88.4 132.6
89 44.8 36.3 54.5

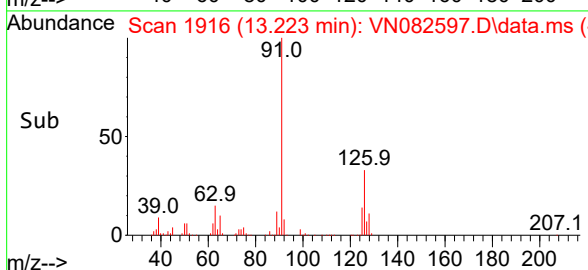
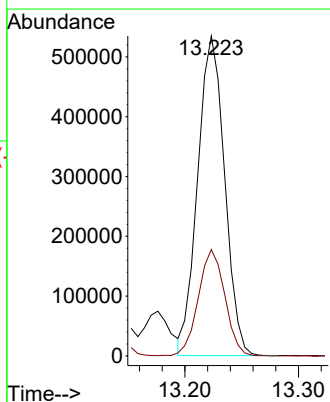
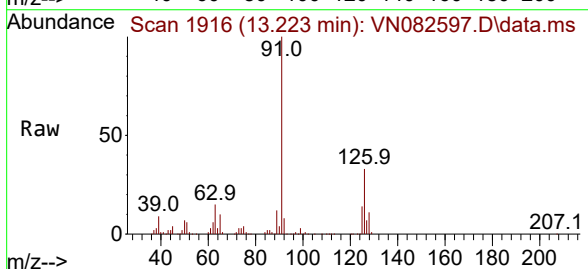
Manual Integrations
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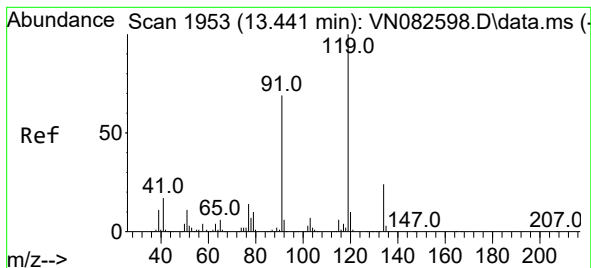
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#82
4-Chlorotoluene
Concen: 100.012 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

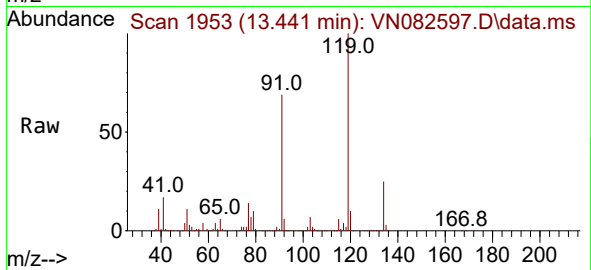
Tgt Ion: 91 Resp: 879131
Ion Ratio Lower Upper
91 100
126 32.9 16.2 48.6





#83
tert-Butylbenzene
Concen: 103.952 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

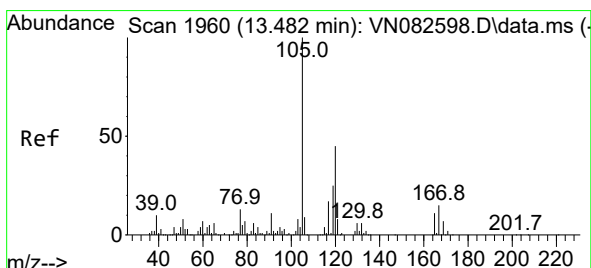
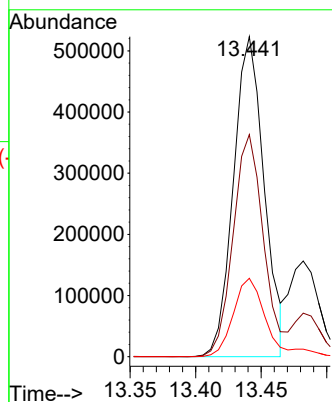
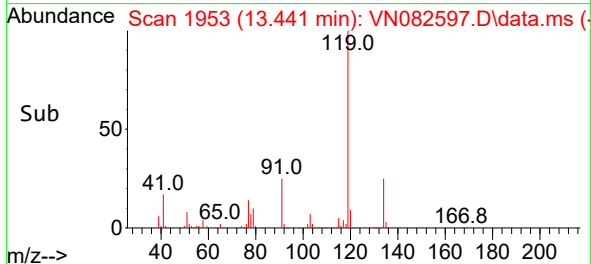
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:119 Resp: 852407
Ion Ratio Lower Upper
119 100
91 69.6 35.0 105.1
134 26.5 13.3 39.8

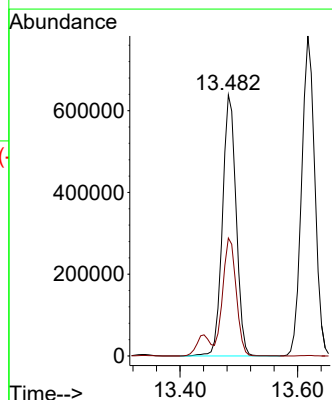
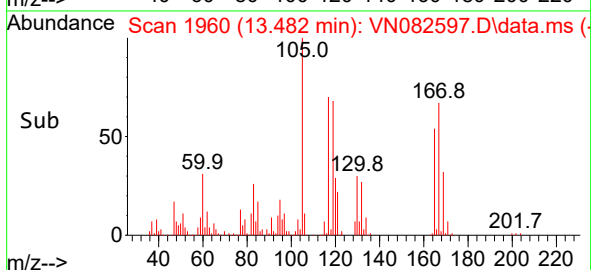
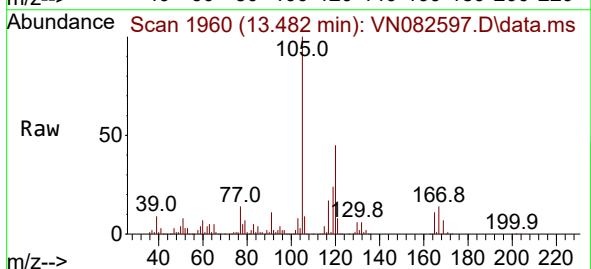
Manual Integrations
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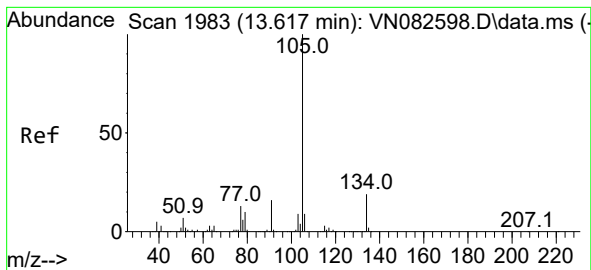
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#84
1,2,4-Trimethylbenzene
Concen: 106.677 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Tgt Ion:105 Resp: 1030176
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.8





#85

sec-Butylbenzene

Concen: 104.807 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 1220572

Ion Ratio Lower Upper

105 100

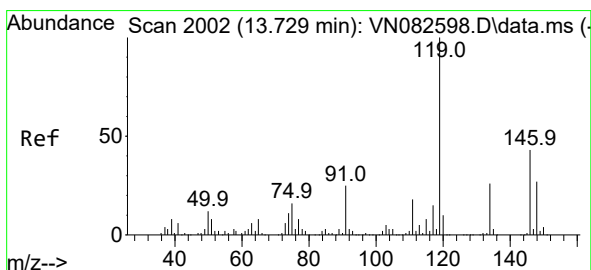
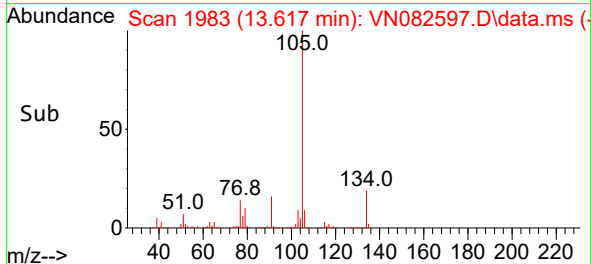
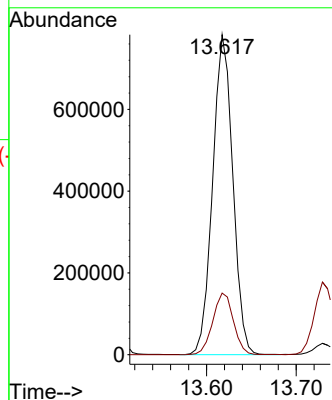
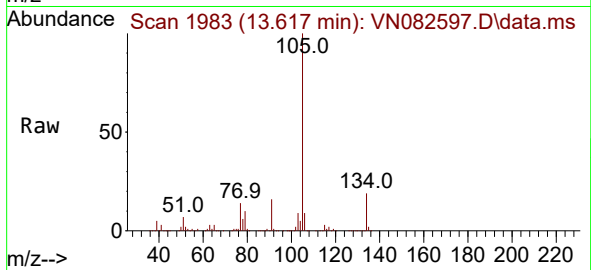
134 19.7 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#86

p-Isopropyltoluene

Concen: 111.253 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

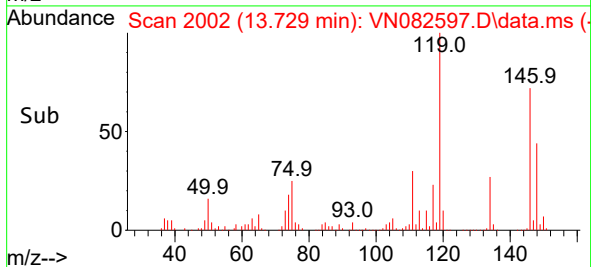
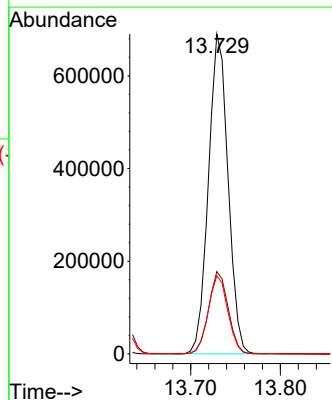
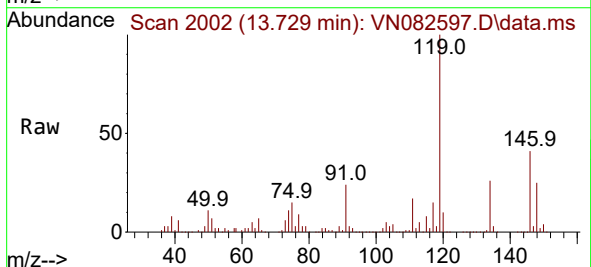
Tgt Ion:119 Resp: 1043344

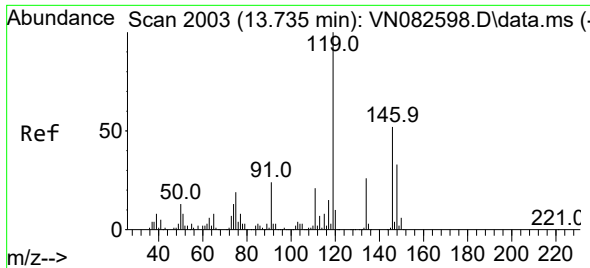
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

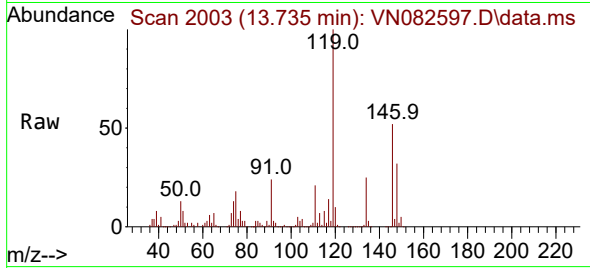
91 24.7 12.3 36.9





#87
 1,3-Dichlorobenzene
 Concen: 98.353 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082597.D
 Acq: 17 Jun 2024 09:38

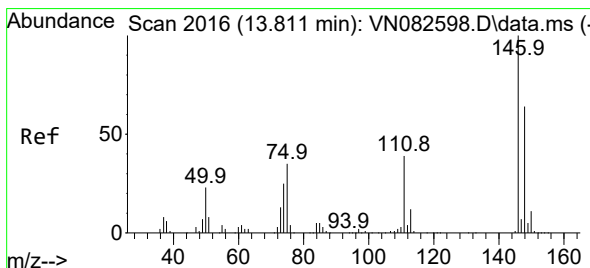
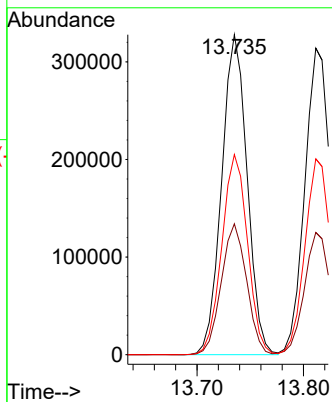
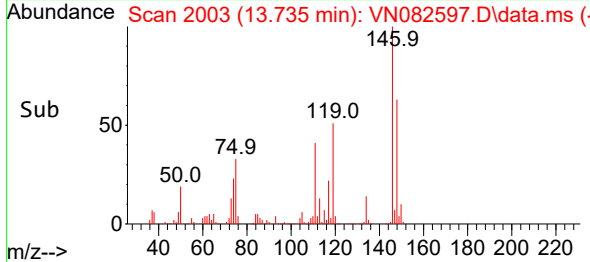
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



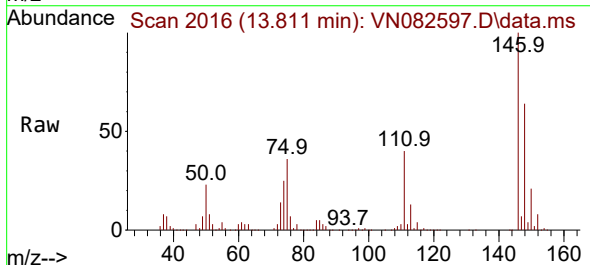
Tgt Ion:146 Resp: 544504
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.6 61.9
 148 63.1 31.8 95.3

Manual Integrations
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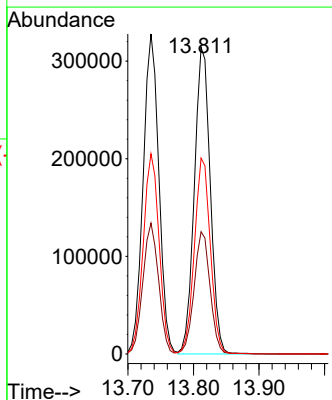
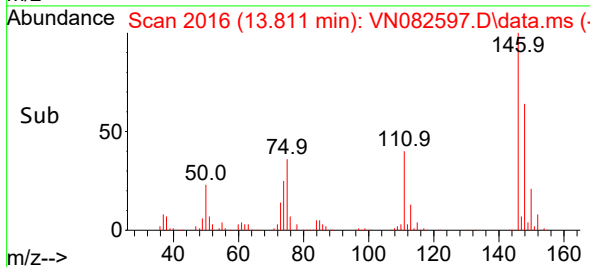
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024

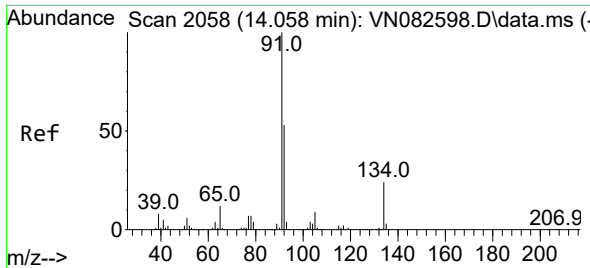


#88
 1,4-Dichlorobenzene
 Concen: 95.856 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN082597.D
 Acq: 17 Jun 2024 09:38



Tgt Ion:146 Resp: 533290
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.1 60.3
 148 63.7 32.2 96.6





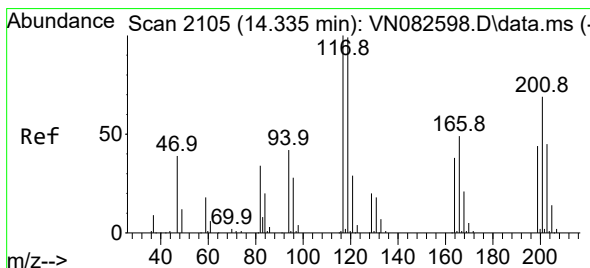
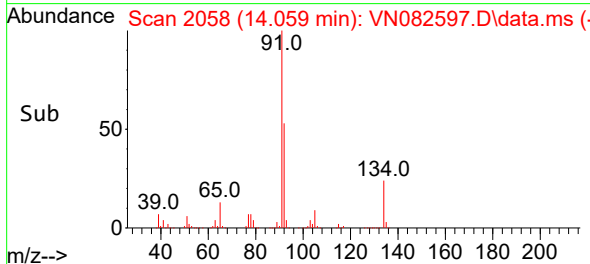
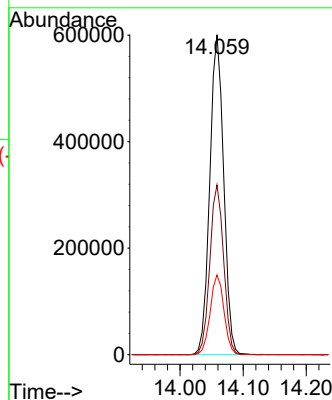
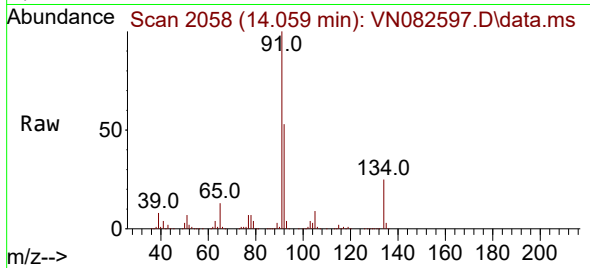
#89
n-Butylbenzene
Concen: 110.237 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 917030
Ion Ratio Lower Upper
91 100
92 52.7 26.1 78.3
134 24.7 12.1 36.3

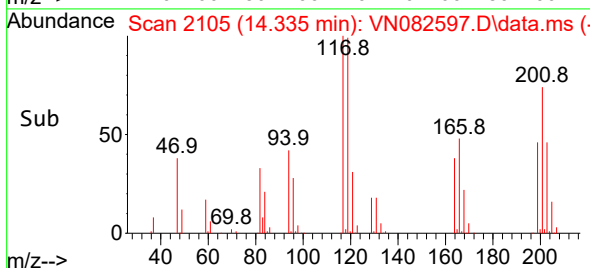
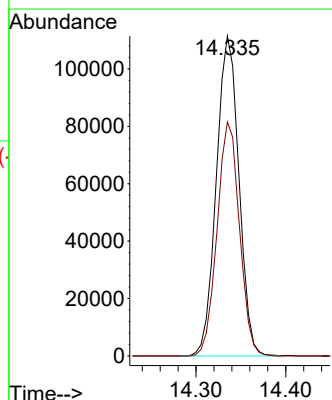
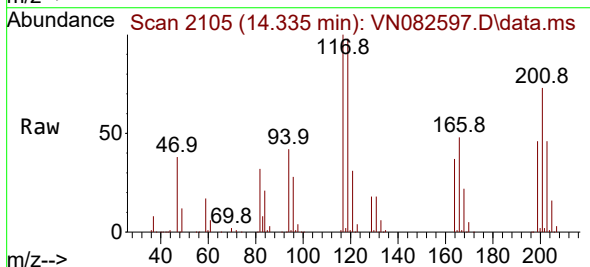
Manual Integrations
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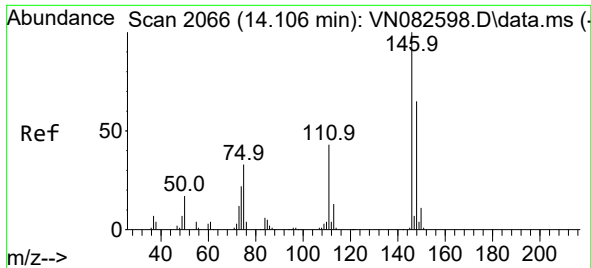
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#90
Hexachloroethane
Concen: 95.411 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

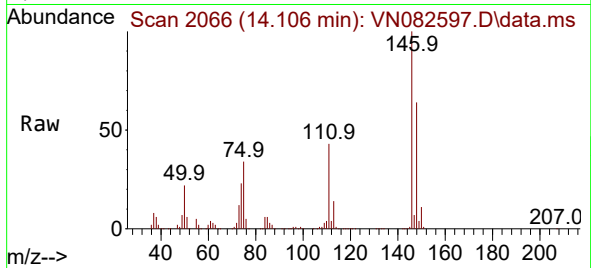
Tgt Ion:117 Resp: 194685
Ion Ratio Lower Upper
117 100
201 72.4 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 92.594 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

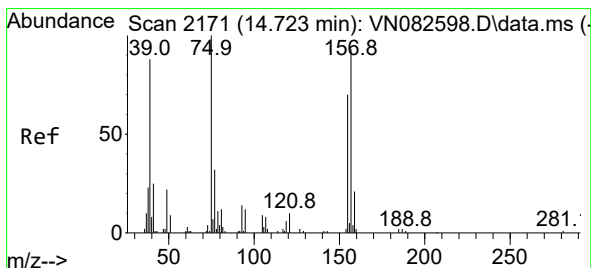
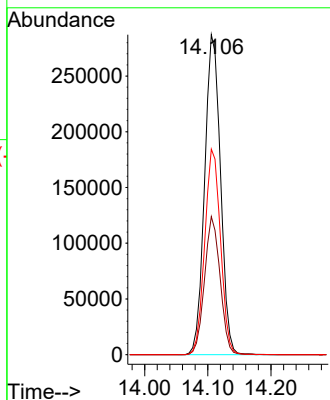
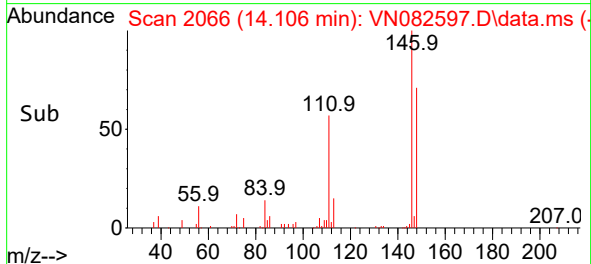
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



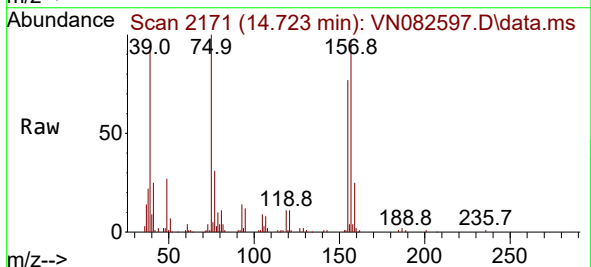
Tgt Ion:146 Resp: 50053
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.2
148 63.9 32.1 96.5

Manual Integrations
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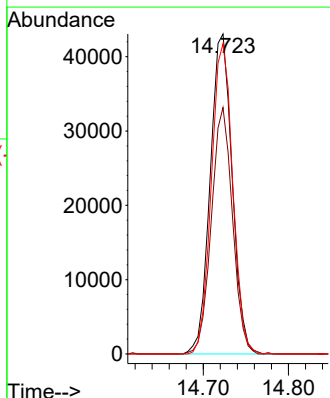
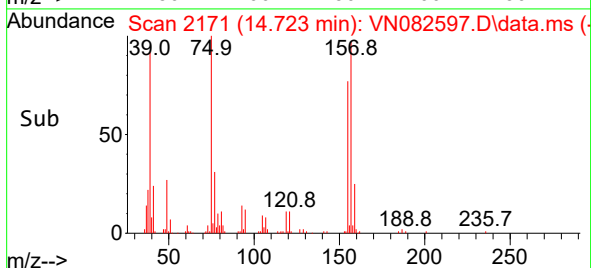
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

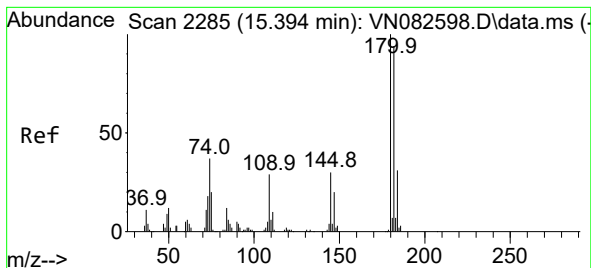


#92
1,2-Dibromo-3-Chloropropane
Concen: 94.093 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38



Tgt Ion: 75 Resp: 77053
Ion Ratio Lower Upper
75 100
155 74.1 36.6 109.8
157 94.4 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 100.994 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 287878

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.8

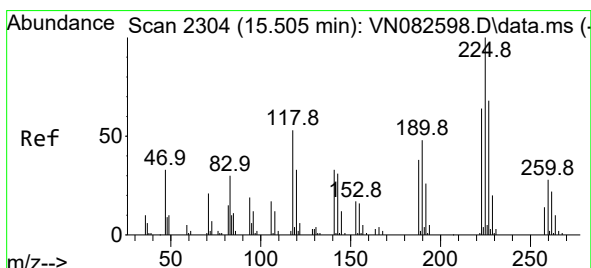
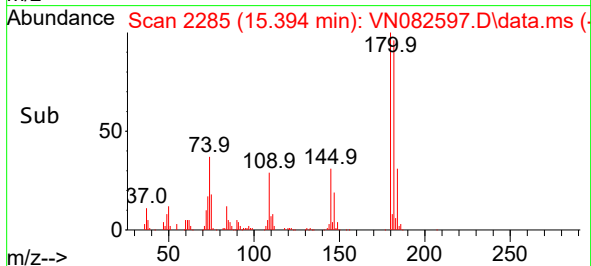
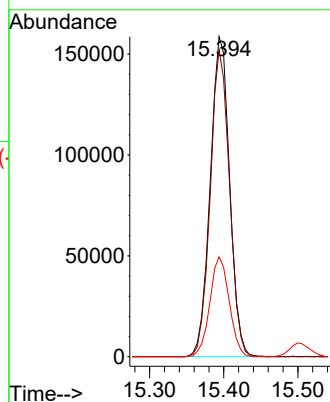
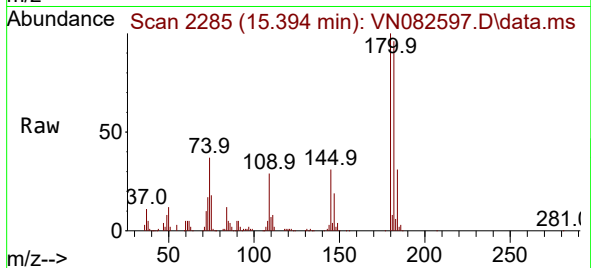
145 31.2 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#94

Hexachlorobutadiene

Concen: 87.733 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN082597.D

Acq: 17 Jun 2024 09:38

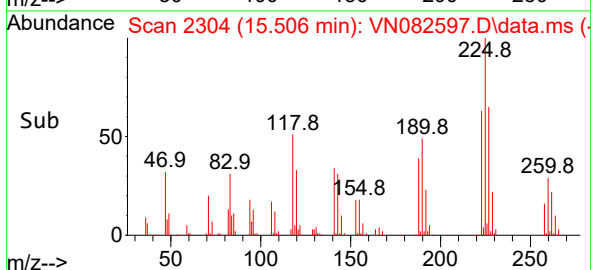
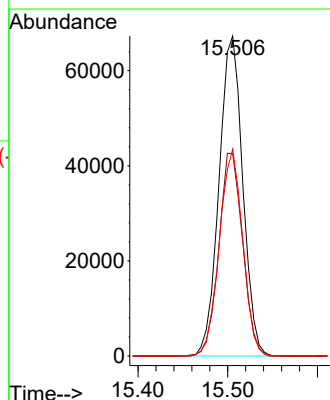
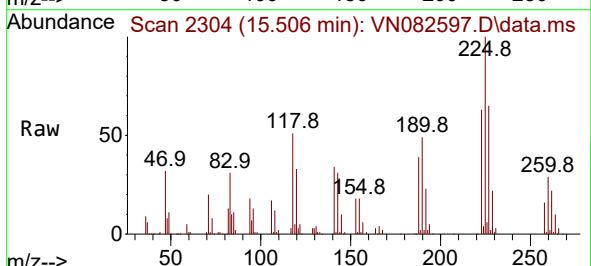
Tgt Ion:225 Resp: 123302

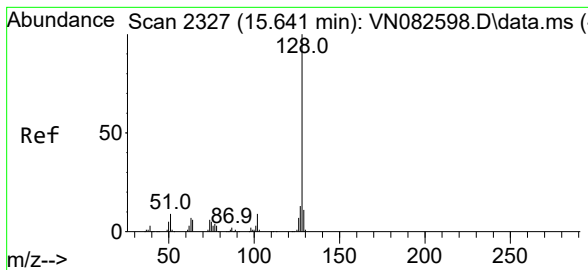
Ion Ratio Lower Upper

225 100

223 63.6 31.9 95.7

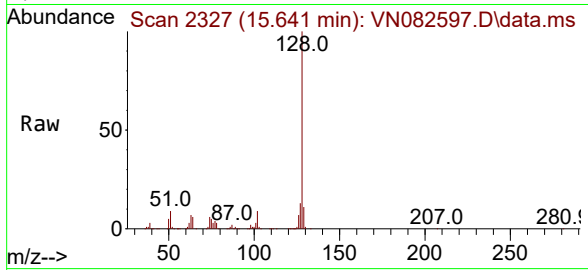
227 63.5 32.5 97.5





#95
Naphthalene
Concen: 106.769 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

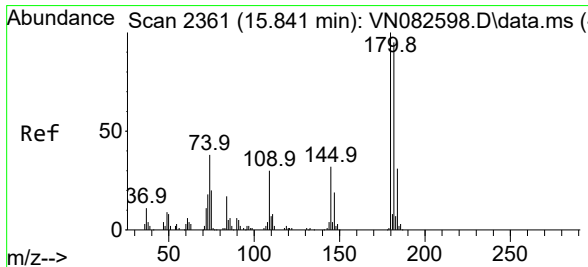
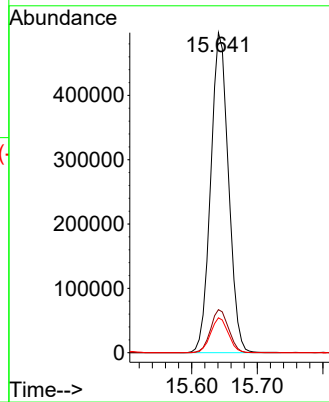
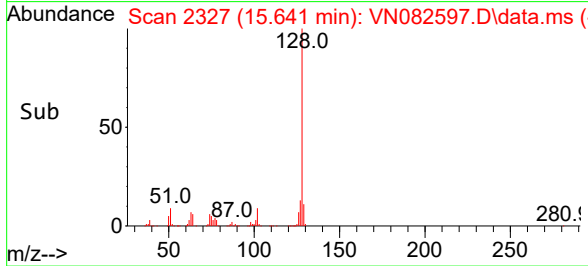
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 936310
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#96
1,2,3-Trichlorobenzene
Concen: 98.353 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082597.D
Acq: 17 Jun 2024 09:38

Tgt Ion:180 Resp: 285703
Ion Ratio Lower Upper
180 100
182 95.3 48.9 146.8
145 33.3 16.8 50.4

