

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121423\
 Data File : VN080493.D
 Acq On : 14 Dec 2023 19:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2023
 Supervised By : Mahesh Dadoda 12/15/2023

Quant Time: Dec 15 00:33:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	261406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	410255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	368792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	188116	56.343	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.680%			
35) Dibromofluoromethane	8.165	113	143068	55.001	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.000%			
50) Toluene-d8	10.570	98	511112	52.686	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.380%			
62) 4-Bromofluorobenzene	12.847	95	189638	51.480	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	164093	49.121	ug/l	97
3) Chloromethane	2.359	50	149795	42.404	ug/l	97
4) Vinyl Chloride	2.512	62	123796	43.393	ug/l	100
5) Bromomethane	2.947	94	54770	42.582	ug/l	100
6) Chloroethane	3.118	64	83840	45.735	ug/l	98
7) Trichlorofluoromethane	3.500	101	286026	49.431	ug/l	97
8) Diethyl Ether	3.953	74	84747	46.499	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.377	101	131746	48.037	ug/l	96
10) Methyl Iodide	4.583	142	96165	39.863	ug/l	92
11) Tert butyl alcohol	5.512	59	89128	226.666	ug/l	97
12) 1,1-Dichloroethene	4.336	96	127444	45.351	ug/l	86
13) Acrolein	4.177	56	89233	207.218	ug/l	98
14) Allyl chloride	5.018	41	157542	45.311	ug/l	92
15) Acrylonitrile	5.712	53	263057	236.765	ug/l	99
16) Acetone	4.418	43	189298	319.761	ug/l	96
17) Carbon Disulfide	4.712	76	341044	42.823	ug/l	100
18) Methyl Acetate	5.018	43	187759	49.291	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	462968	49.380	ug/l	98
20) Methylene Chloride	5.271	84	145264	45.851	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	140812	46.212	ug/l	85
22) Diisopropyl ether	6.665	45	364806	48.614	ug/l	95
23) Vinyl Acetate	6.600	43	1004262	233.012	ug/l	93
24) 1,1-Dichloroethane	6.571	63	256250	48.944	ug/l	98
25) 2-Butanone	7.477	43	293844	257.659	ug/l	92
26) 2,2-Dichloropropane	7.488	77	248983	46.507	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	160491	46.532	ug/l	88
28) Bromochloromethane	7.812	49	102625	51.052	ug/l	99
29) Tetrahydrofuran	7.835	42	189318	231.824	ug/l	94
30) Chloroform	7.965	83	289985	49.898	ug/l	93
31) Cyclohexane	8.259	56	196154	43.202	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	285439	50.164	ug/l	99
36) 1,1-Dichloropropene	8.371	75	207620	48.816	ug/l	95
37) Ethyl Acetate	7.559	43	126649	47.553	ug/l	98
38) Carbon Tetrachloride	8.359	117	256116	50.397	ug/l	97
39) Methylcyclohexane	9.606	83	201897	45.696	ug/l	92
40) Benzene	8.606	78	582681	47.444	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	75375	49.091	ug/l	92
42) 1,2-Dichloroethane	8.671	62	233003	51.232	ug/l	96
43) Isopropyl Acetate	8.688	43	233704	48.803	ug/l	98
44) Trichloroethene	9.353	130	152673	46.112	ug/l	96
45) 1,2-Dichloropropane	9.623	63	136729	47.401	ug/l	98
46) Dibromomethane	9.706	93	101697	49.093	ug/l	91
47) Bromodichloromethane	9.888	83	225149	50.714	ug/l	97
48) Methyl methacrylate	9.682	41	136205	47.663	ug/l	91
49) 1,4-Dioxane	9.694	88	37856	873.977	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	643972	244.176	ug/l	98
52) Toluene	10.629	92	372844	48.056	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	235340	48.994	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	247053	48.120	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	136219	48.794	ug/l	96
56) Ethyl methacrylate	10.876	69	152305	49.277	ug/l	92
57) 1,3-Dichloropropane	11.165	76	235987	48.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	454873	233.121	ug/l	99
59) 2-Hexanone	11.194	43	467118	239.916	ug/l	98
60) Dibromochloromethane	11.365	129	162262	49.050	ug/l	98
61) 1,2-Dibromoethane	11.470	107	138299	47.865	ug/l	100
64) Tetrachloroethene	11.106	164	126505	44.428	ug/l	97
65) Chlorobenzene	11.894	112	385790	47.025	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	157809	49.023	ug/l	94
67) Ethyl Benzene	11.965	91	720687	47.776	ug/l	98
68) m/p-Xylenes	12.070	106	527900	94.705	ug/l	88
69) o-Xylene	12.400	106	254948	46.761	ug/l	87
70) Styrene	12.412	104	382757	48.737	ug/l	93
71) Bromoform	12.576	173	108868	46.376	ug/l #	98
73) Isopropylbenzene	12.694	105	674227	48.305	ug/l	98
74) N-amyl acetate	12.494	43	190628	46.769	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	171167	45.764	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	161271m	46.526	ug/l	
77) Bromobenzene	12.982	156	160795	46.830	ug/l	96
78) n-propylbenzene	13.035	91	747939	48.601	ug/l	99
79) 2-Chlorotoluene	13.123	91	480832	47.858	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	585934	48.742	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	57073	43.231	ug/l #	80
82) 4-Chlorotoluene	13.223	91	483019	46.772	ug/l	96
83) tert-Butylbenzene	13.441	119	469856	47.726	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	585902	48.993	ug/l	98
85) sec-Butylbenzene	13.617	105	600214	47.660	ug/l	99
86) p-Isopropyltoluene	13.729	119	543370	47.785	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	277736	45.910	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	280018	45.854	ug/l	98
89) n-Butylbenzene	14.059	91	452866	47.690	ug/l	99
90) Hexachloroethane	14.335	117	87512	48.459	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	266359	46.367	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37554	47.735	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	152513	47.817	ug/l	98
94) Hexachlorobutadiene	15.500	225	78535	43.251	ug/l	99
95) Naphthalene	15.641	128	447640	46.219	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	143697	46.688	ug/l	96

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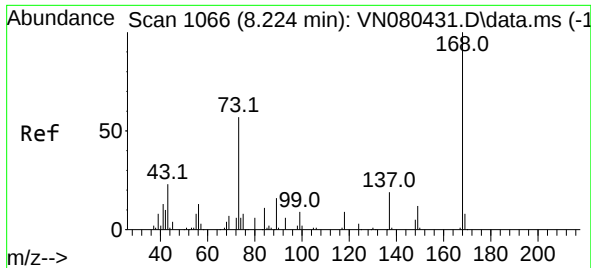
Manual Integrations
APPROVED

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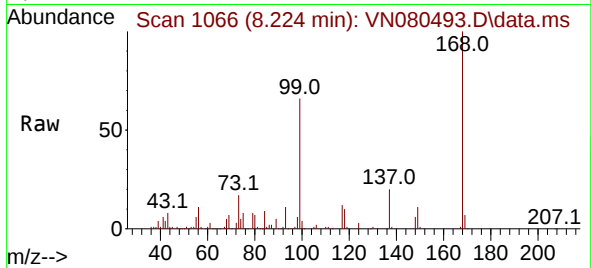
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080493.D
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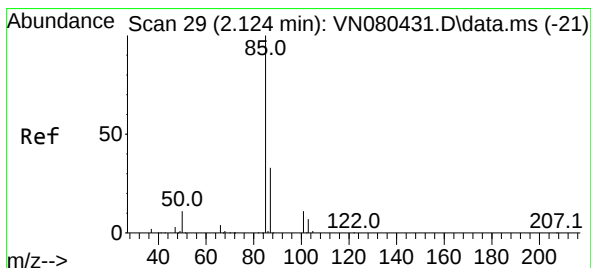
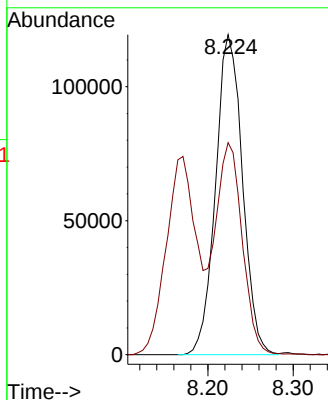
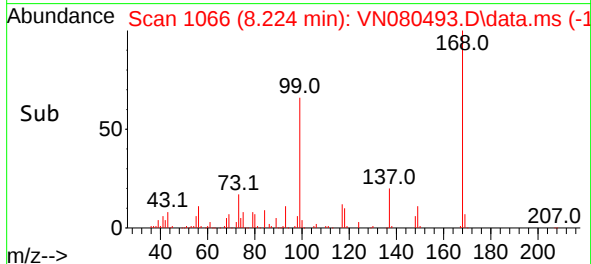
Instrument :
MSVOA_N
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VSTDCCC050EC



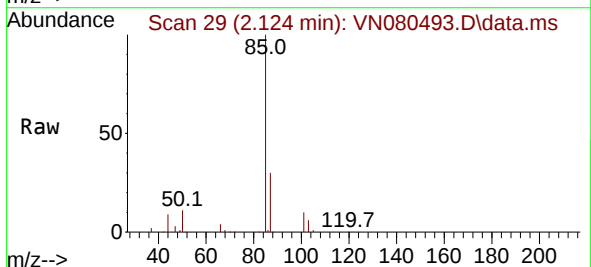
Tgt Ion:168 Resp: 261400
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6

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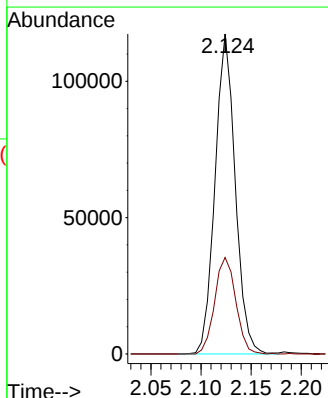
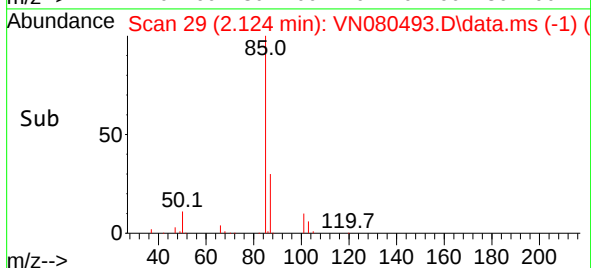
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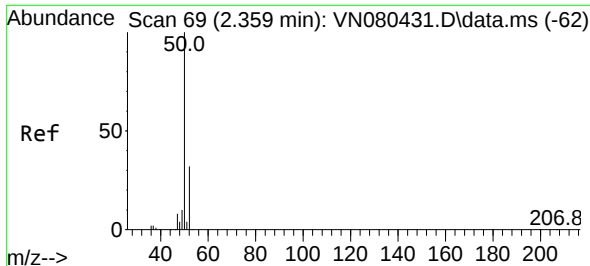


#2
Dichlorodifluoromethane
Concen: 49.121 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24



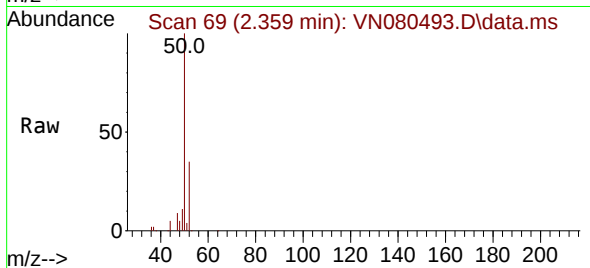
Tgt Ion: 85 Resp: 164093
Ion Ratio Lower Upper
85 100
87 30.1 15.8 47.4





#3
Chloromethane
Concen: 42.404 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

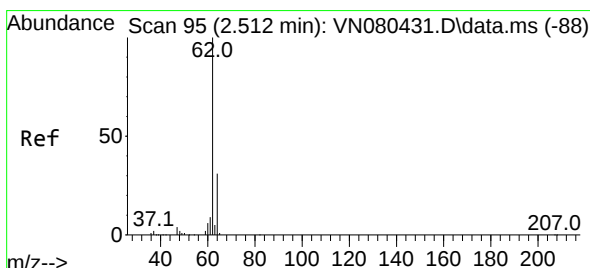
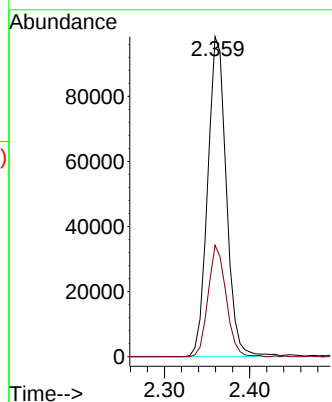
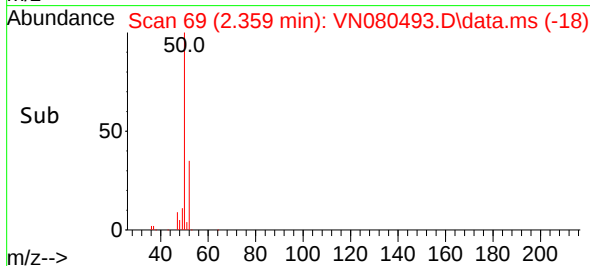
Instrument :
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Tgt Ion: 50 Resp: 149795
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7

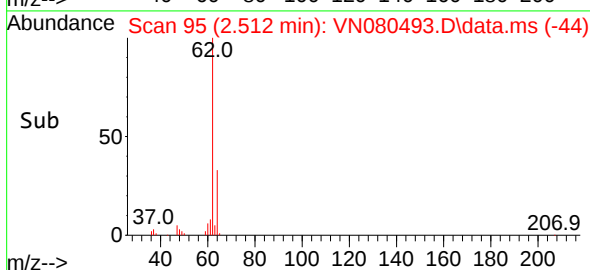
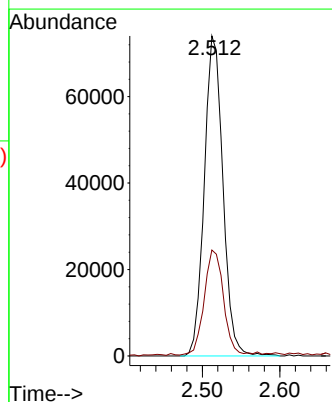
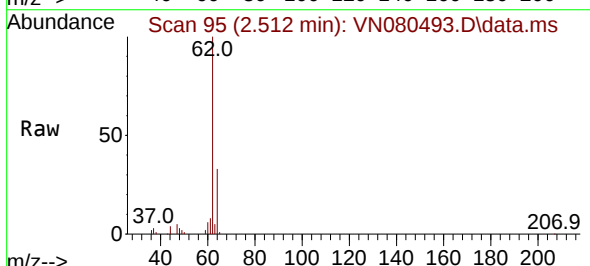
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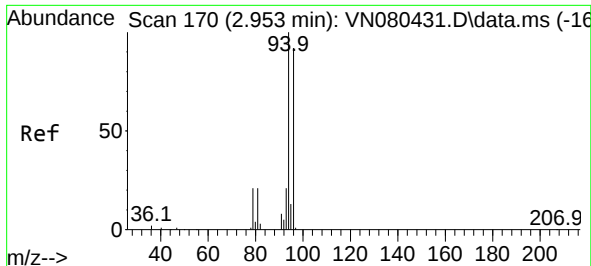
Reviewed By :John Carlone 12/15/2023
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#4
Vinyl Chloride
Concen: 43.393 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

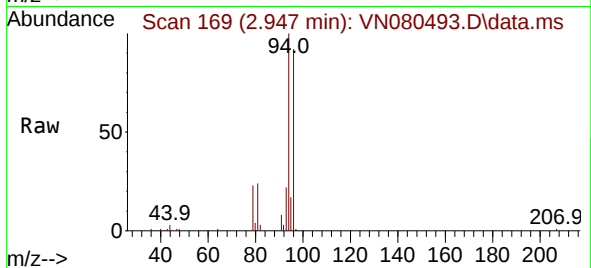
Tgt Ion: 62 Resp: 123796
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2





#5
Bromomethane
Concen: 42.582 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

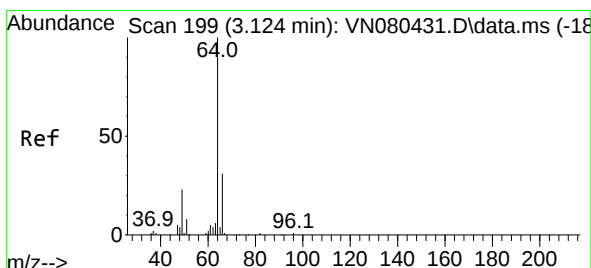
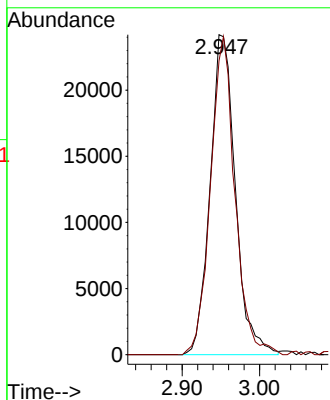
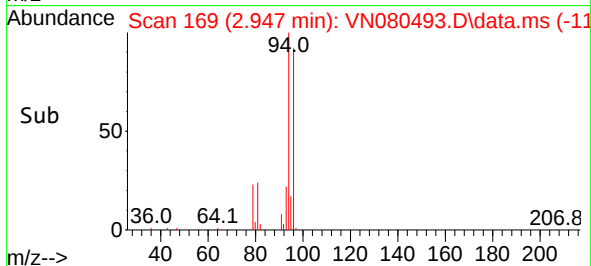
Instrument :
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Tgt Ion: 94 Resp: 54770
Ion Ratio Lower Upper
94 100
96 91.8 73.1 109.7

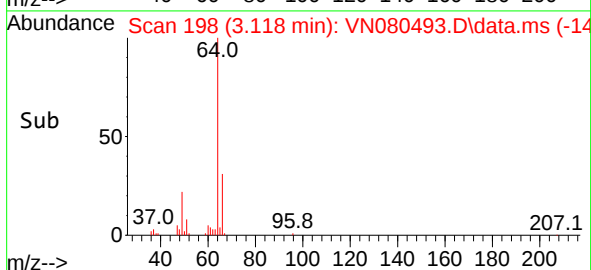
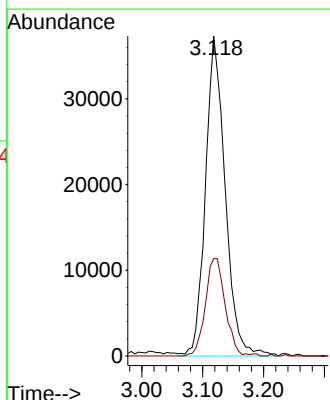
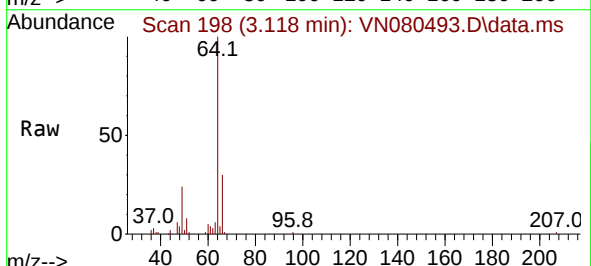
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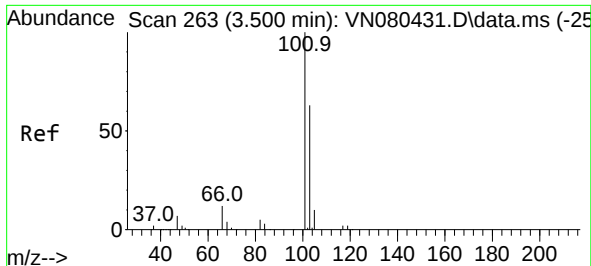
Reviewed By :John Carlone 12/15/2023
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#6
Chloroethane
Concen: 45.735 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

Tgt Ion: 64 Resp: 83840
Ion Ratio Lower Upper
64 100
66 30.4 25.4 38.2





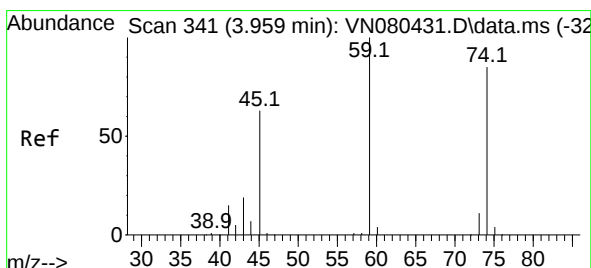
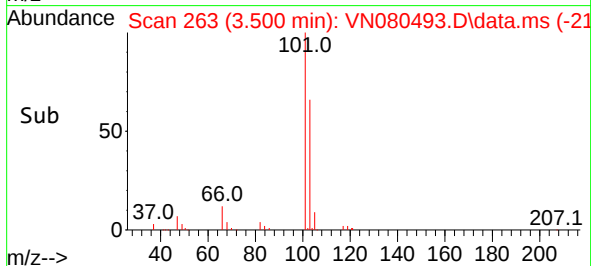
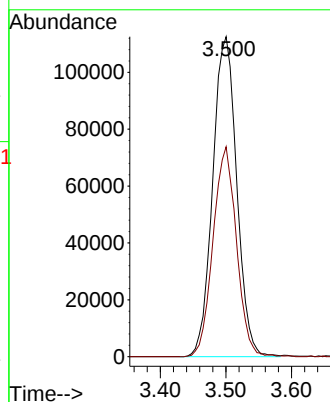
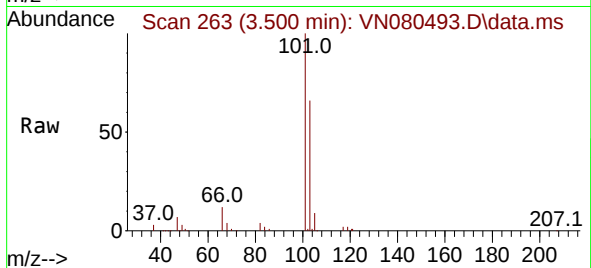
#7
Trichlorofluoromethane
Concen: 49.431 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

Instrument :
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Tgt Ion:101 Resp: 286020
Ion Ratio Lower Upper
101 100
103 65.6 50.7 76.1

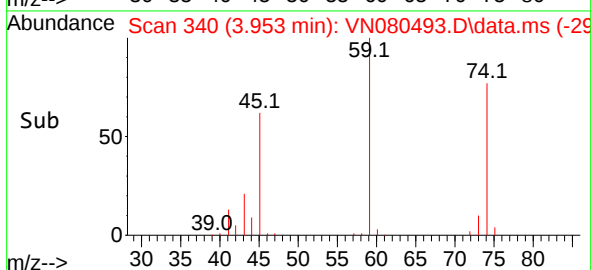
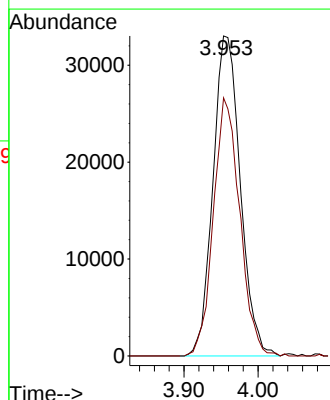
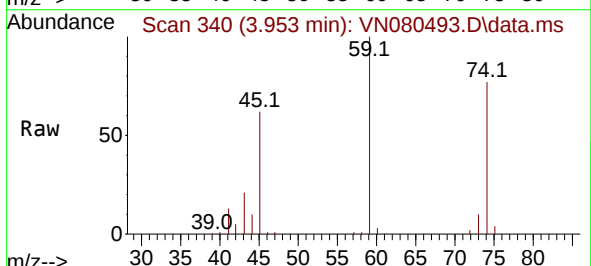
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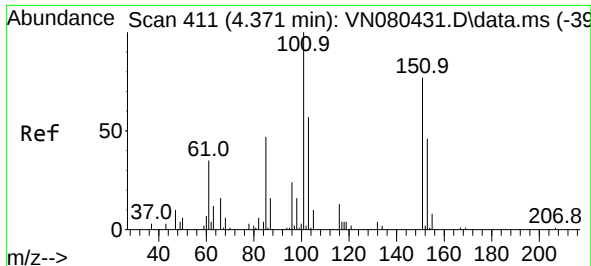
Reviewed By :John Carlone 12/15/2023
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#8
Diethyl Ether
Concen: 46.499 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

Tgt Ion: 74 Resp: 84747
Ion Ratio Lower Upper
74 100
45 77.8 34.4 103.3





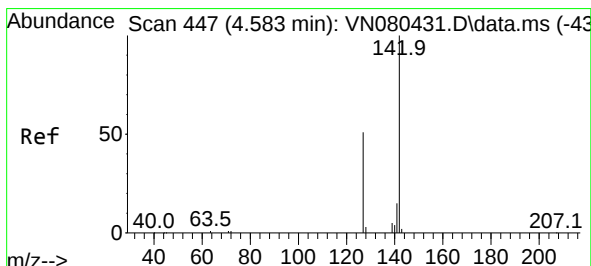
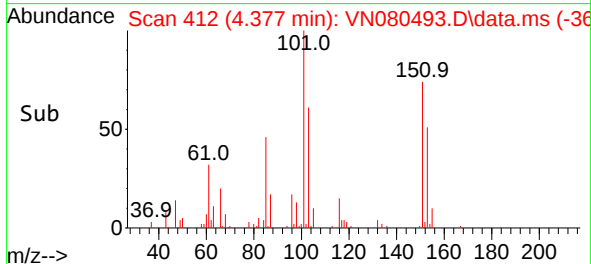
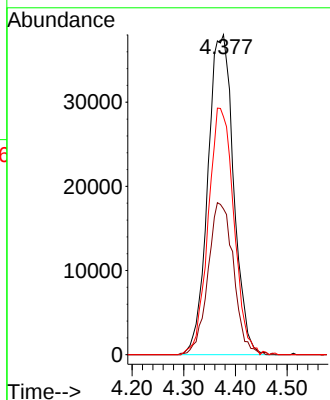
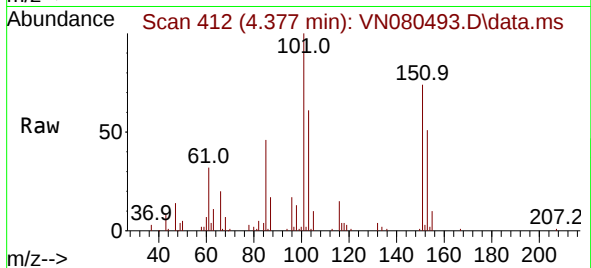
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.037 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 131740
Ion Ratio Lower Upper
101 100
85 46.9 36.6 55.0
151 76.5 57.6 86.4

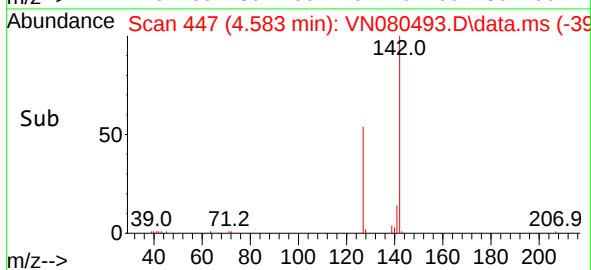
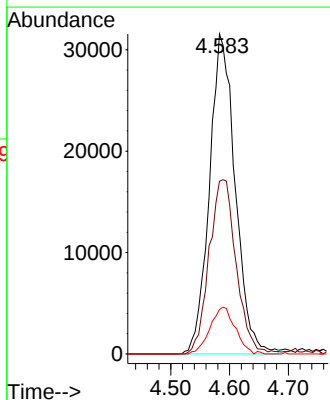
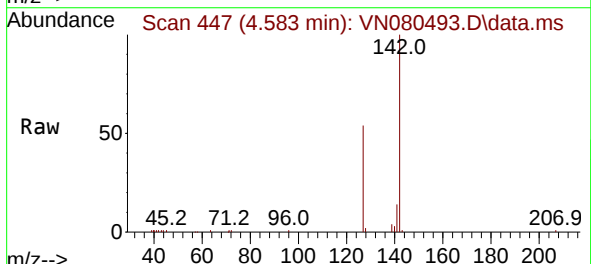
Manual Integrations
APPROVED

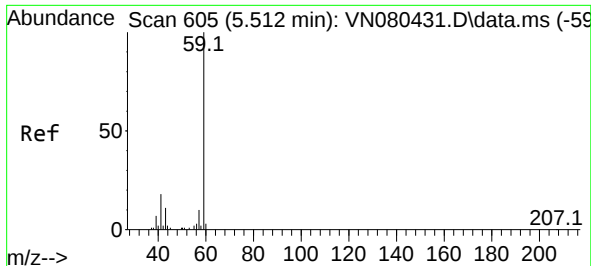
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#10
Methyl Iodide
Concen: 39.863 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

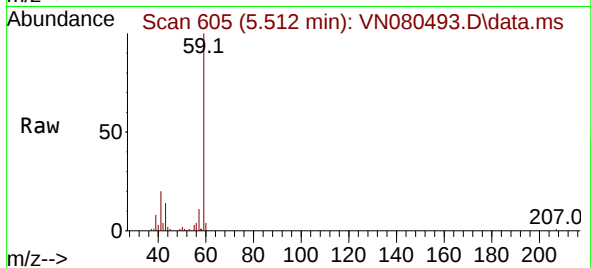
Tgt Ion:142 Resp: 96165
Ion Ratio Lower Upper
142 100
127 54.0 37.6 56.4
141 13.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 226.666 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

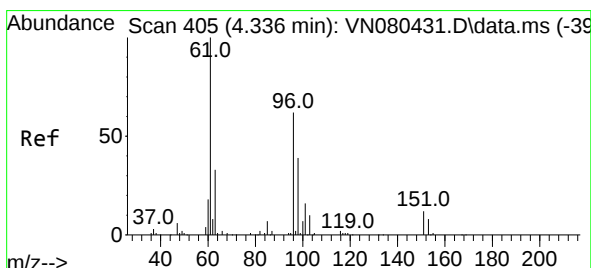
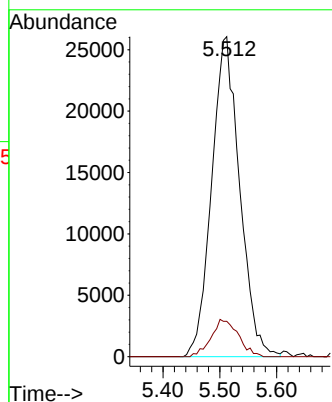
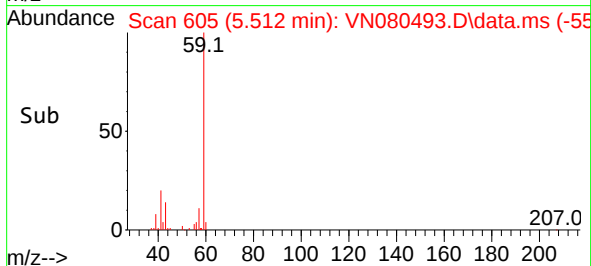
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



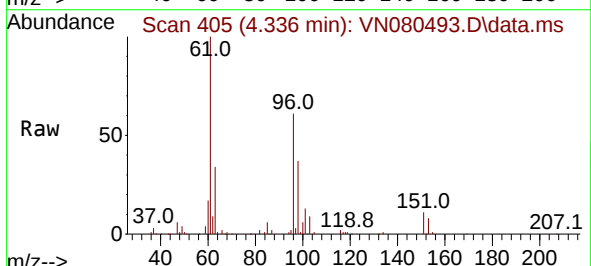
Tgt Ion: 59 Resp: 89128
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.4

Manual Integrations
APPROVED

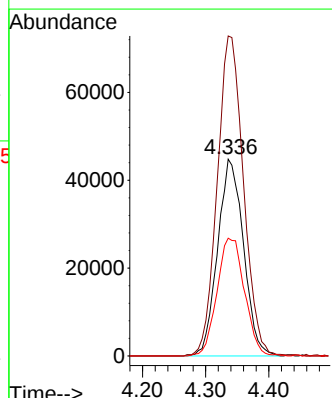
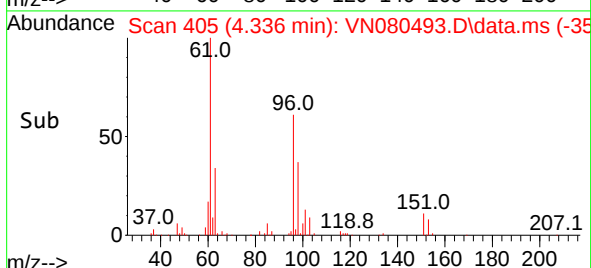
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

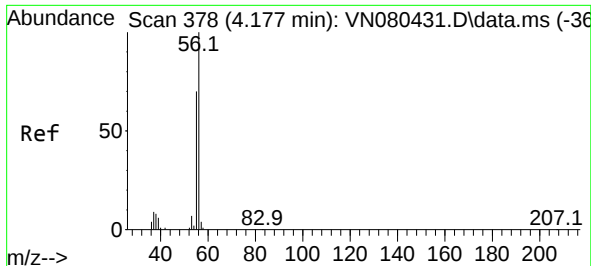


#12
1,1-Dichloroethene
Concen: 45.351 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24



Tgt Ion: 96 Resp: 127444
Ion Ratio Lower Upper
96 100
61 162.6 112.7 169.1
98 59.8 51.2 76.8





#13

Acrolein

Concen: 207.218 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN080493.D

Acq: 14 Dec 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 8923

Ion Ratio Lower Upper

56 100

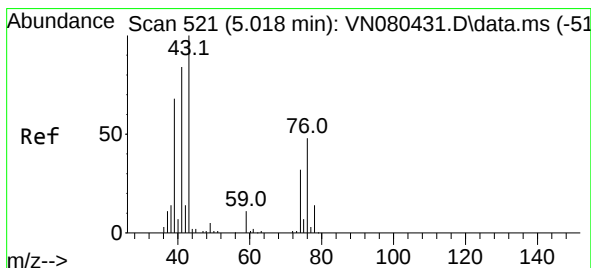
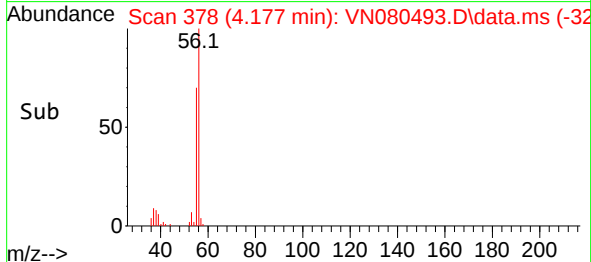
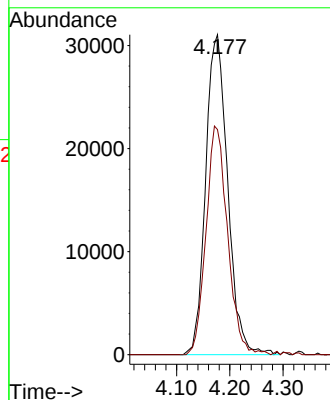
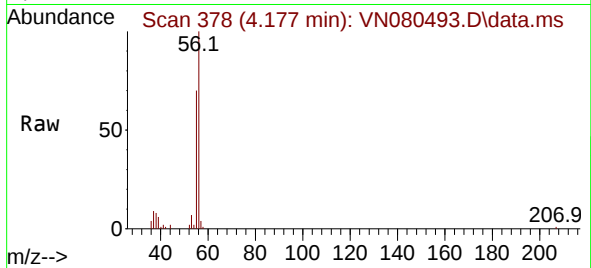
55 70.1 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#14

Allyl chloride

Concen: 45.311 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080493.D

Acq: 14 Dec 2023 19:24

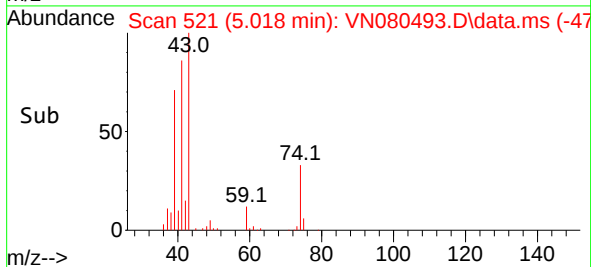
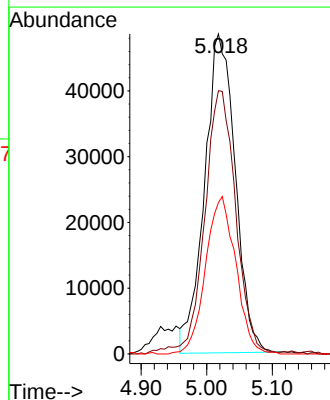
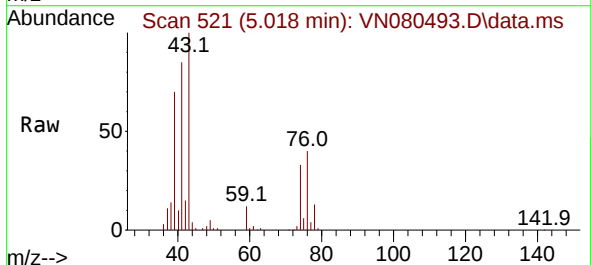
Tgt Ion: 41 Resp: 157542

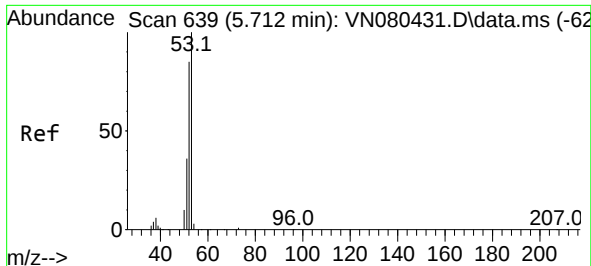
Ion Ratio Lower Upper

41 100

39 84.2 58.8 88.2

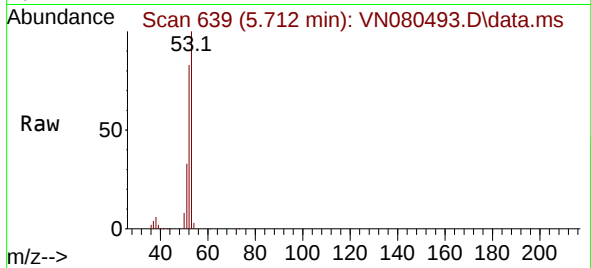
76 48.7 39.1 58.7





#15
Acrylonitrile
Concen: 236.765 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

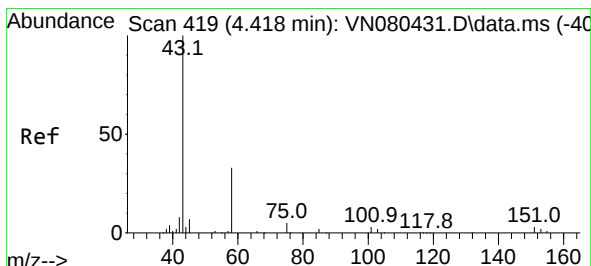
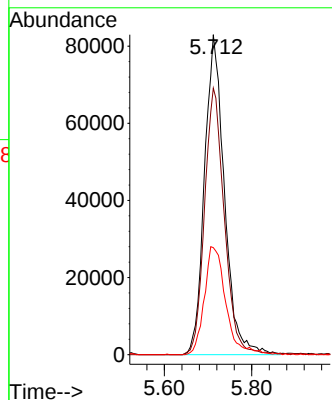
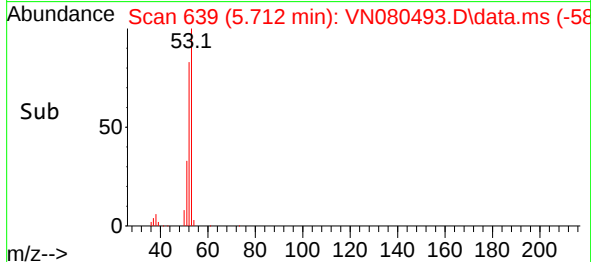
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



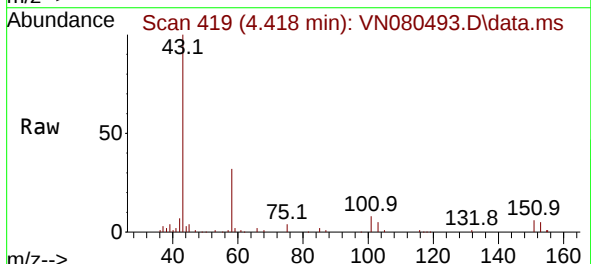
Tgt Ion: 53 Resp: 26305
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 36.2 28.9 43.3

Manual Integrations
APPROVED

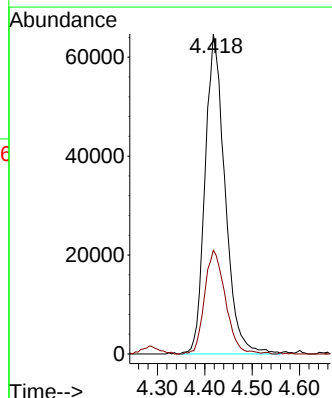
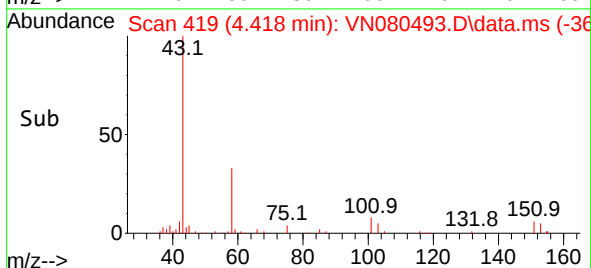
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

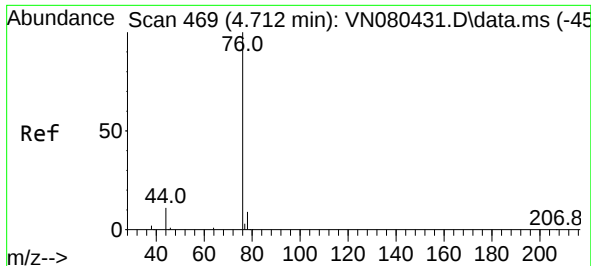


#16
Acetone
Concen: 319.761 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24



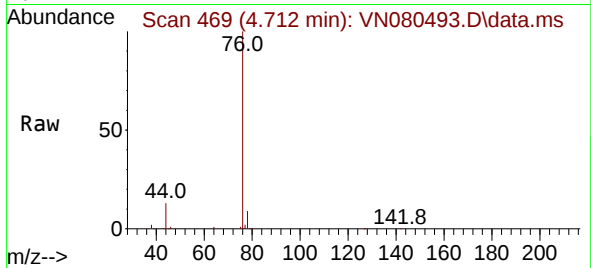
Tgt Ion: 43 Resp: 189298
Ion Ratio Lower Upper
43 100
58 32.5 28.0 42.0





#17
Carbon Disulfide
Concen: 42.823 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

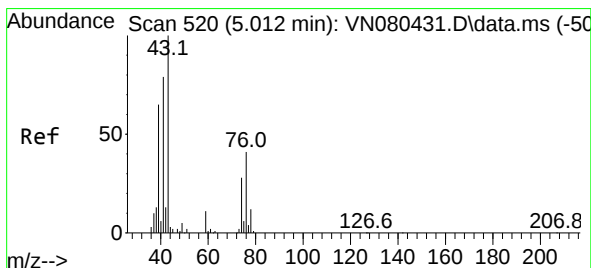
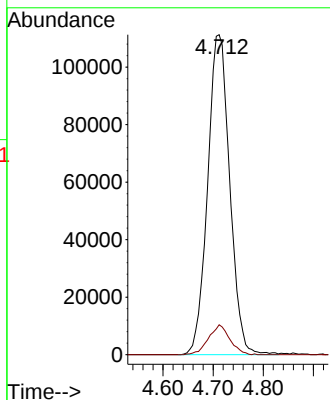
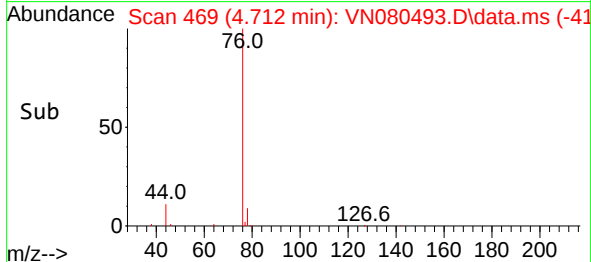
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



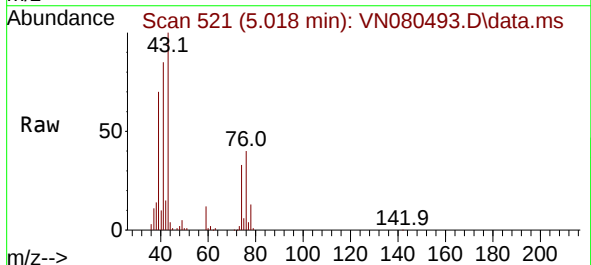
Tgt Ion: 76 Resp: 341044
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

Manual Integrations
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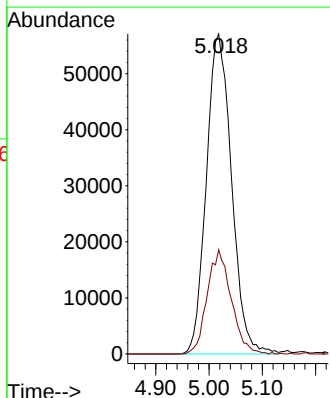
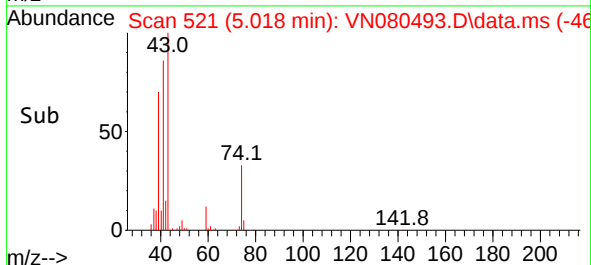
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

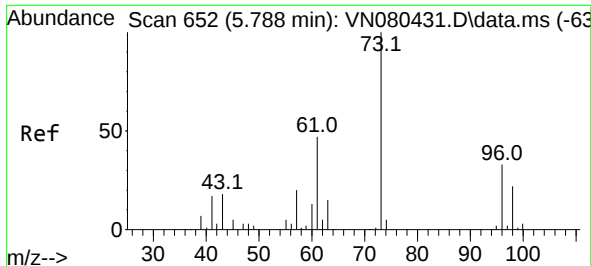


#18
Methyl Acetate
Concen: 49.291 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24



Tgt Ion: 43 Resp: 187759
Ion Ratio Lower Upper
43 100
74 30.9 26.2 39.4





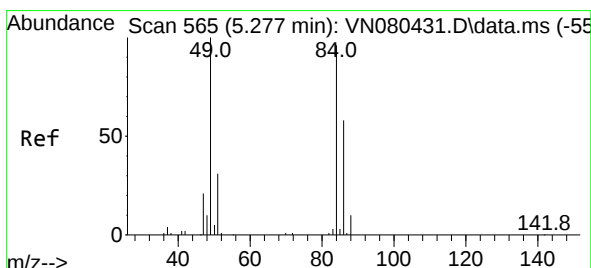
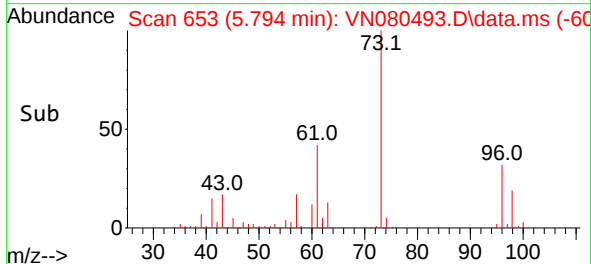
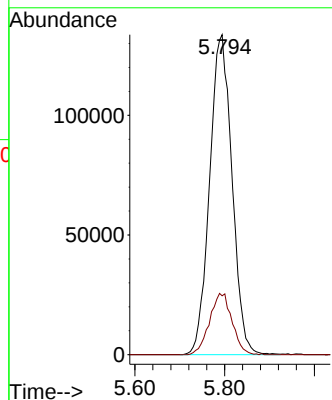
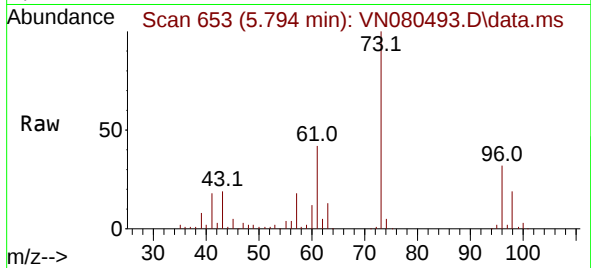
#19
Methyl tert-butyl Ether
Concen: 49.380 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 462968
Ion Ratio Lower Upper
73 100
57 18.4 15.6 23.4

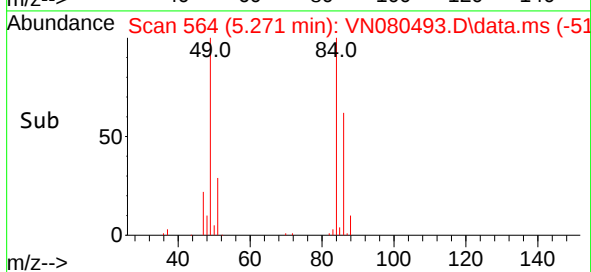
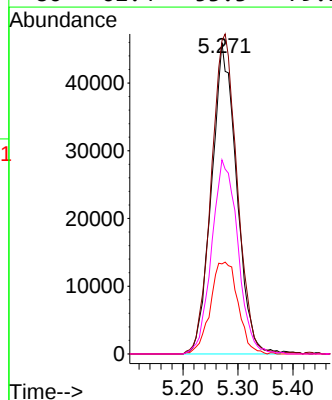
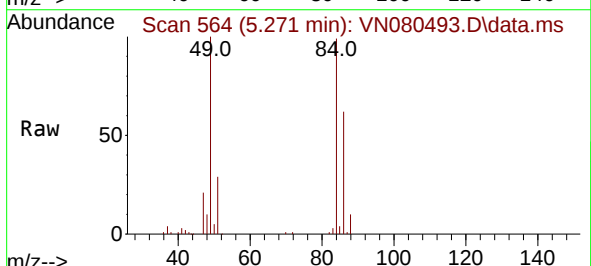
Manual Integrations
APPROVED

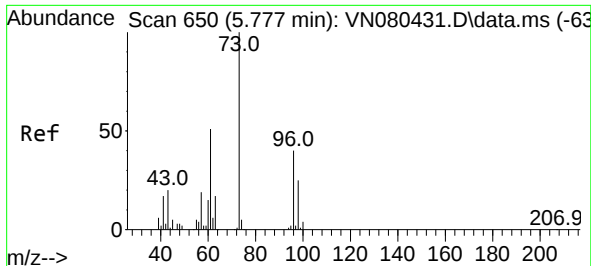
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#20
Methylene Chloride
Concen: 45.851 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

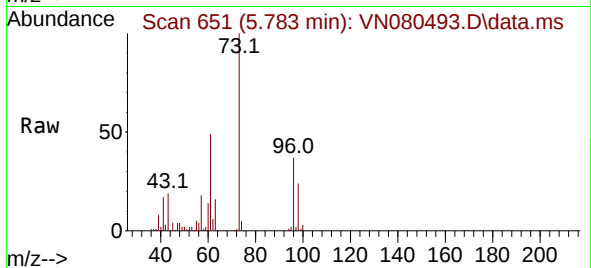
Tgt Ion: 84 Resp: 145264
Ion Ratio Lower Upper
84 100
49 100.6 79.7 119.5
51 28.9 25.2 37.8
86 62.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.212 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

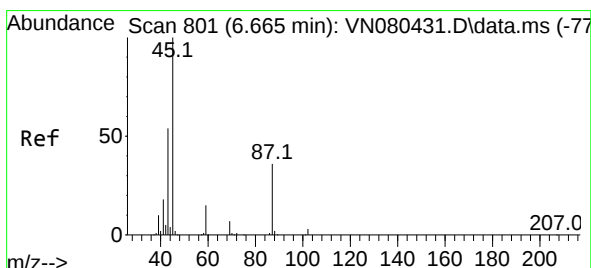
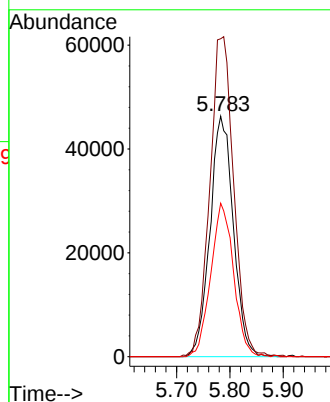
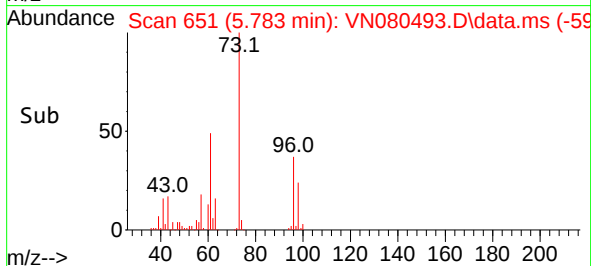
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 140812
Ion Ratio Lower Upper
96 100
61 132.2 90.1 135.1
98 63.8 46.4 69.6

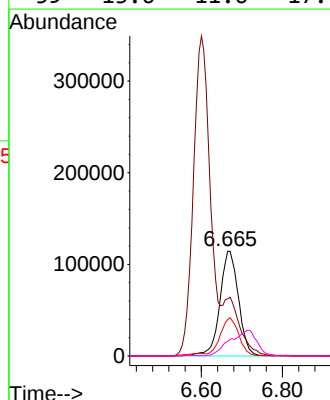
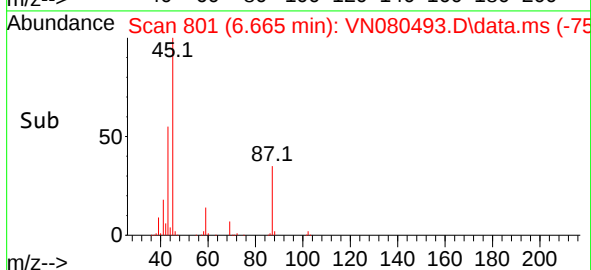
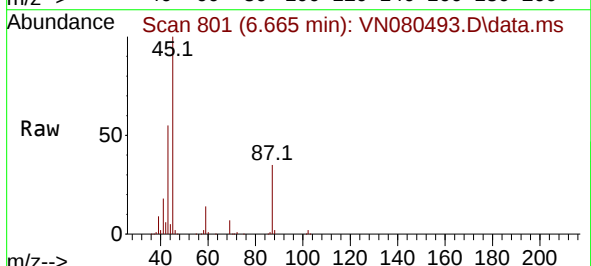
Manual Integrations
APPROVED

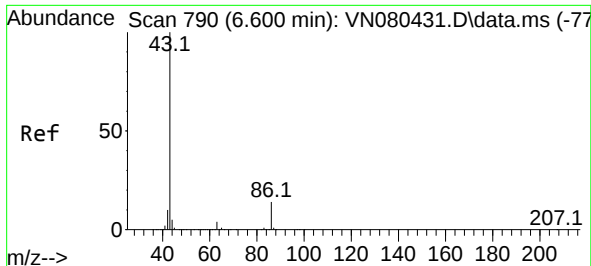
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#22
Diisopropyl ether
Concen: 48.614 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

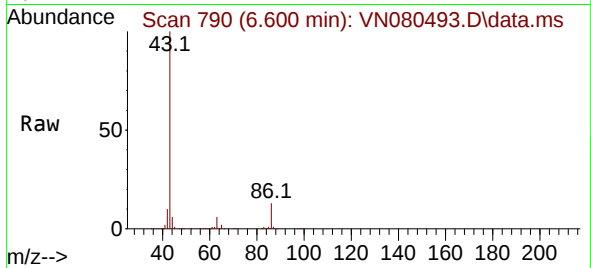
Tgt Ion: 45 Resp: 364806
Ion Ratio Lower Upper
45 100
43 53.9 45.5 68.3
87 34.6 31.8 47.8
59 13.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 233.012 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080493.D
 Acq: 14 Dec 2023 19:24

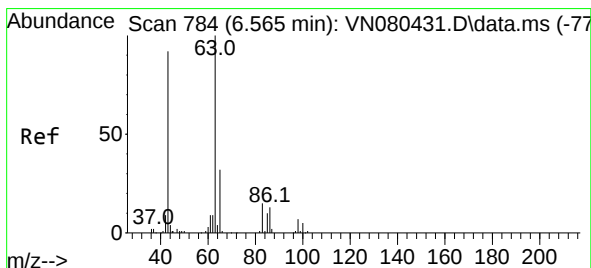
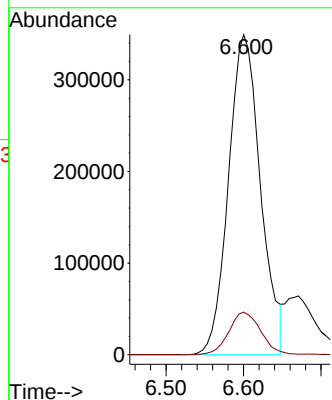
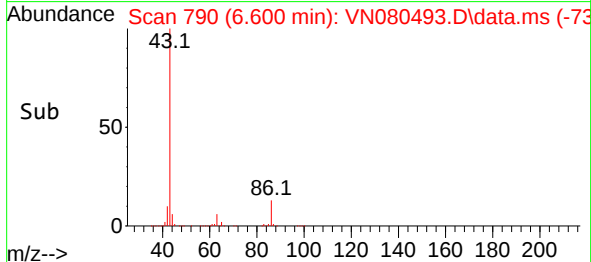
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



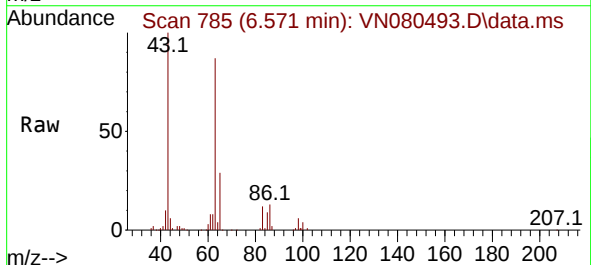
Tgt Ion: 43 Resp: 100426
 Ion Ratio Lower Upper
 43 100
 86 13.3 13.0 19.6

Manual Integrations
 APPROVED

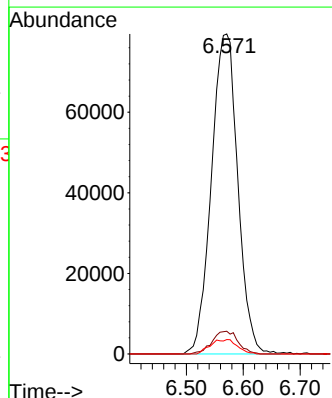
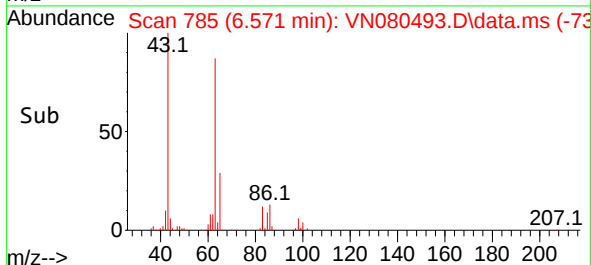
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#24
 1,1-Dichloroethane
 Concen: 48.944 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080493.D
 Acq: 14 Dec 2023 19:24



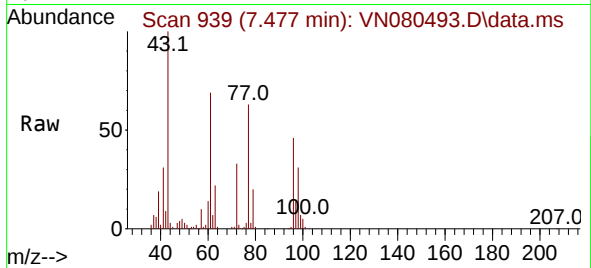
Tgt Ion: 63 Resp: 256250
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.5 2.5 7.4





#25
2-Butanone
Concen: 257.659 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

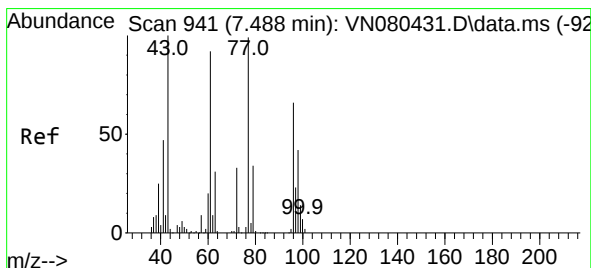
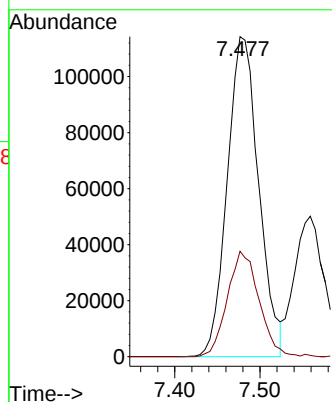
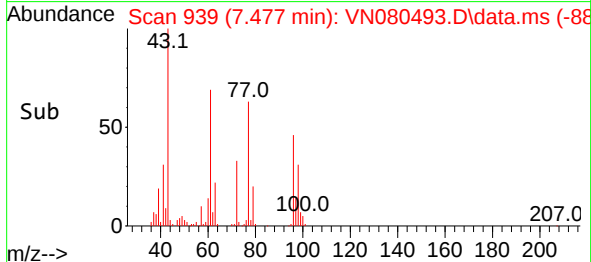
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



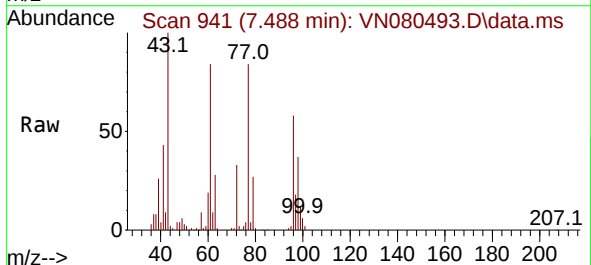
Tgt Ion: 43 Resp: 29384
Ion Ratio Lower Upper
43 100
72 33.0 30.2 45.2

Manual Integrations
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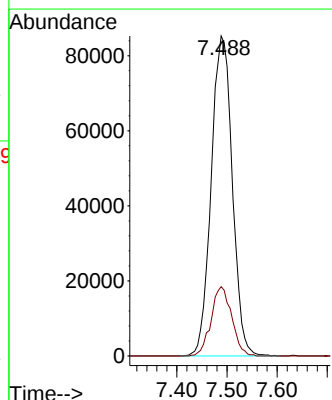
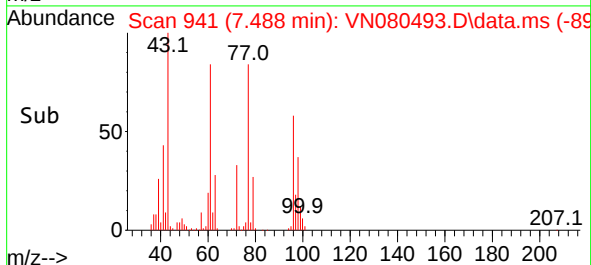
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

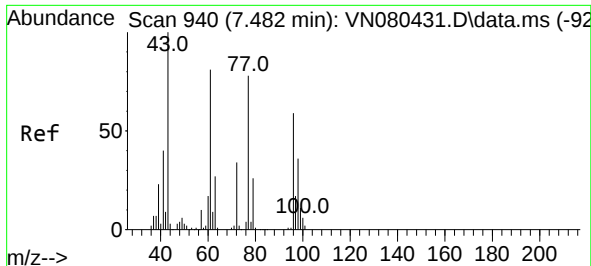


#26
2,2-Dichloropropane
Concen: 46.507 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24



Tgt Ion: 77 Resp: 248983
Ion Ratio Lower Upper
77 100
97 21.2 11.2 33.6





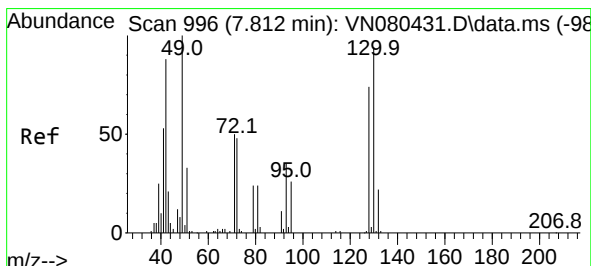
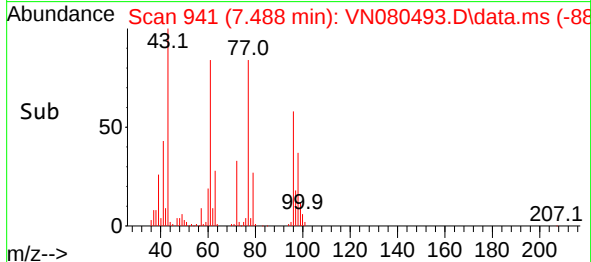
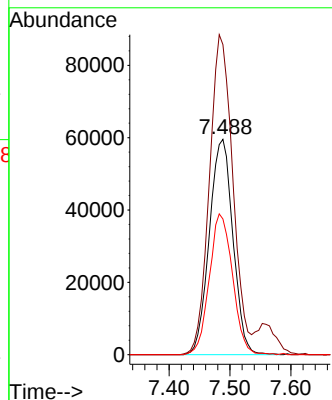
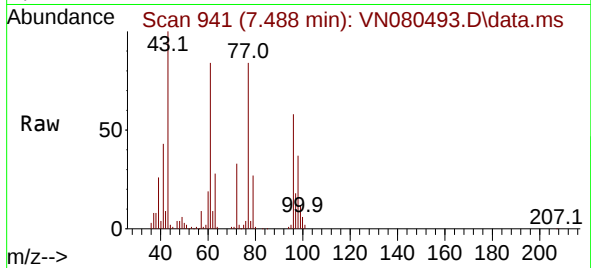
#27
 cis-1,2-Dichloroethene
 Concen: 46.532 ug/l
 RT: 7.488 min Scan# 940
 Delta R.T. 0.006 min
 Lab File: VN080493.D
 Acq: 14 Dec 2023 19:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 16049
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 255.2
 98 64.4 0.0 128.8

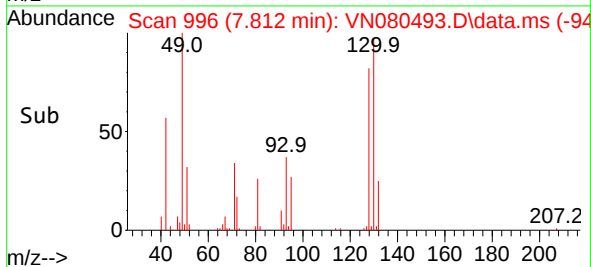
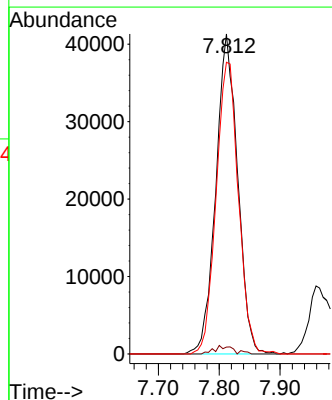
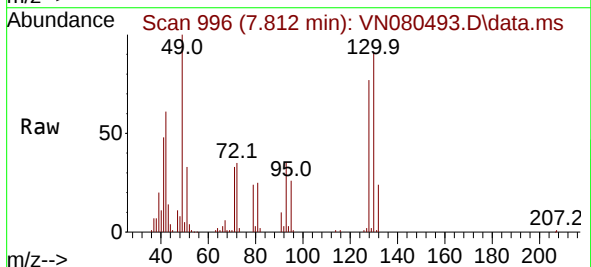
Manual Integrations
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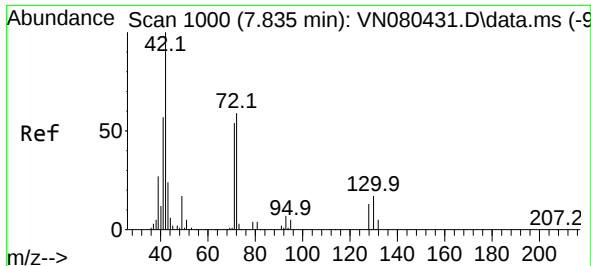
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#28
 Bromochloromethane
 Concen: 51.052 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080493.D
 Acq: 14 Dec 2023 19:24

Tgt Ion: 49 Resp: 102625
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 93.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 231.824 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080493.D

Acq: 14 Dec 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 189318

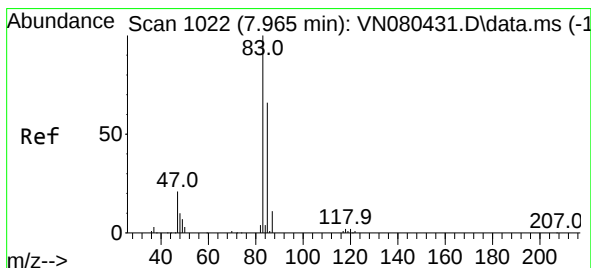
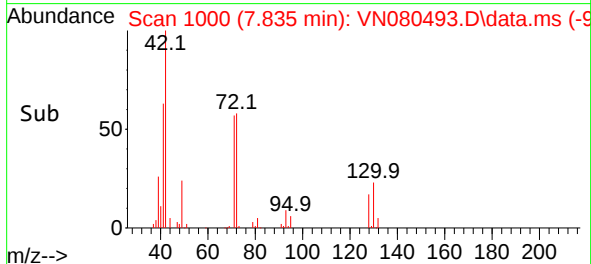
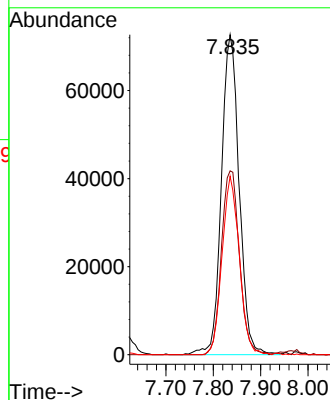
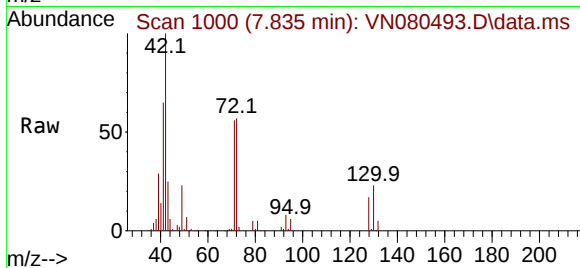
Ion	Ratio	Lower	Upper
42	100		
72	58.2	49.8	74.6
71	54.2	47.4	71.2

Manual Integrations

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Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#30

Chloroform

Concen: 49.898 ug/l

RT: 7.965 min Scan# 1022

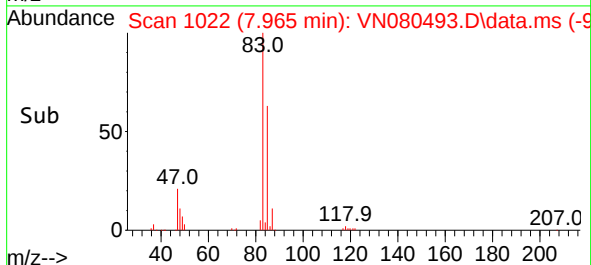
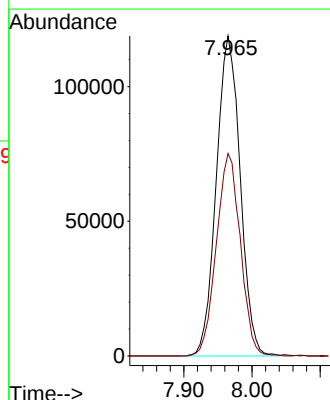
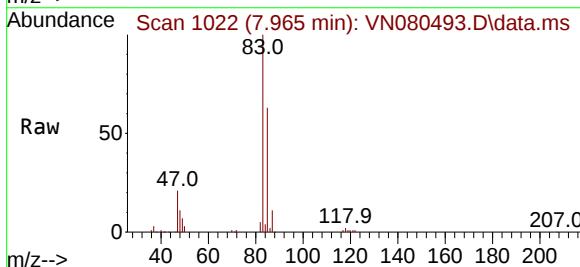
Delta R.T. 0.000 min

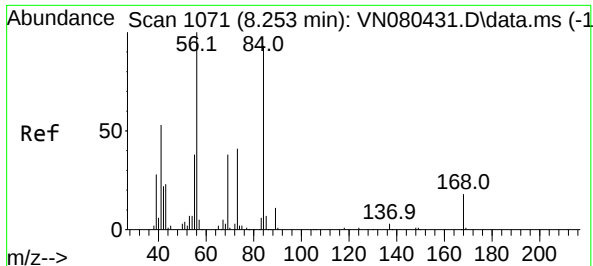
Lab File: VN080493.D

Acq: 14 Dec 2023 19:24

Tgt Ion: 83 Resp: 289985

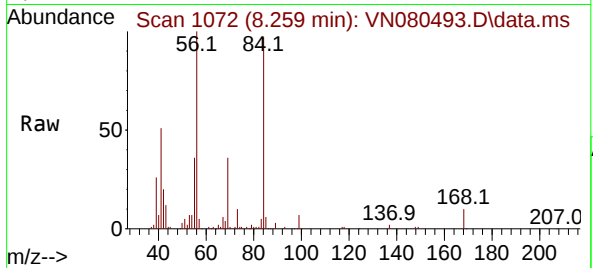
Ion	Ratio	Lower	Upper
83	100		
85	63.2	55.4	83.0





#31
Cyclohexane
Concen: 43.202 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

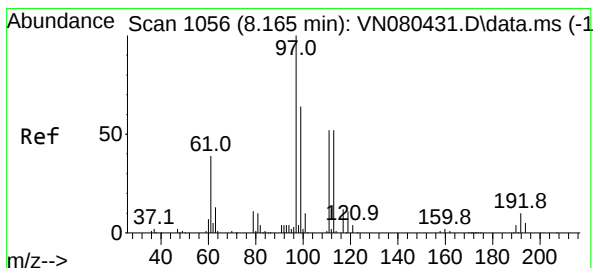
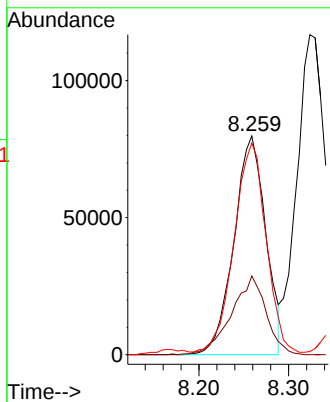
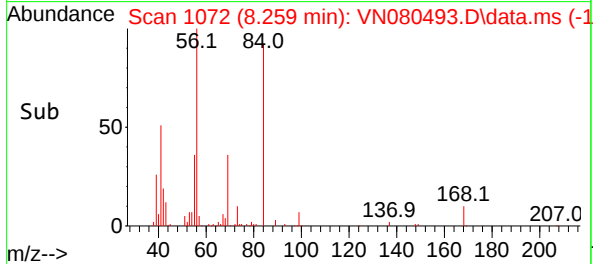
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



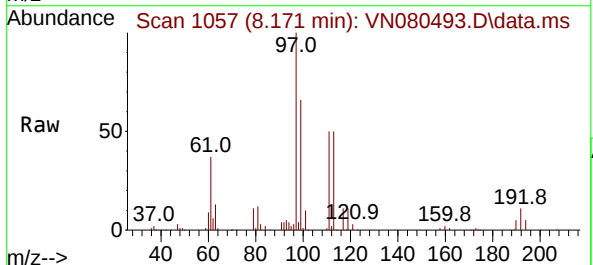
Tgt Ion: 56 Resp: 196154
Ion Ratio Lower Upper
56 100
69 36.0 26.8 40.2
84 95.1 81.8 122.6

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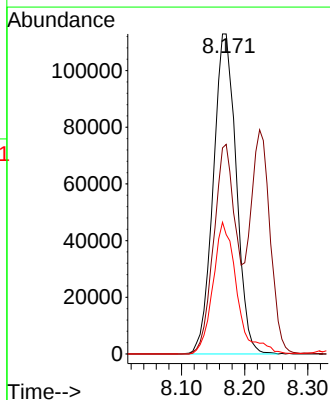
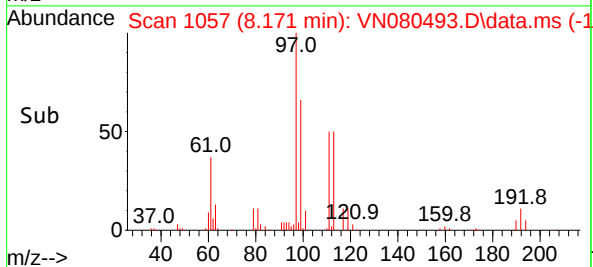
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

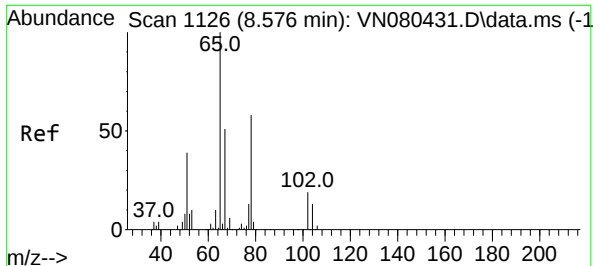


#32
1,1,1-Trichloroethane
Concen: 50.164 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24



Tgt Ion: 97 Resp: 285439
Ion Ratio Lower Upper
97 100
99 62.5 50.3 75.5
61 42.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 56.343 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080493.D

Acq: 14 Dec 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 188110

Ion Ratio Lower Upper

65 100

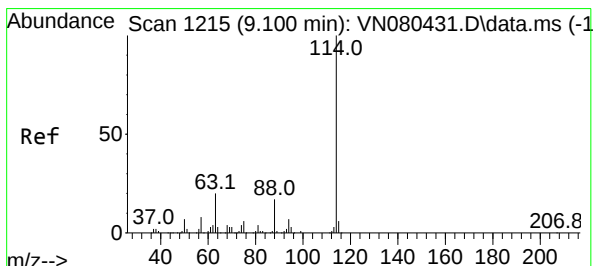
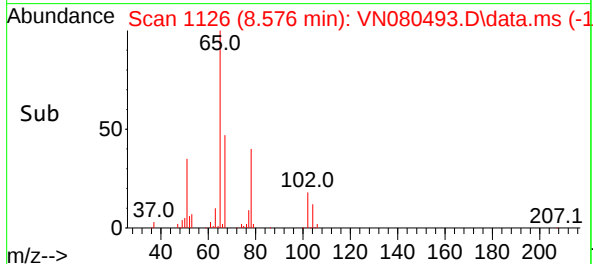
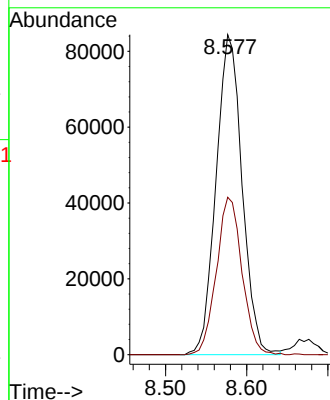
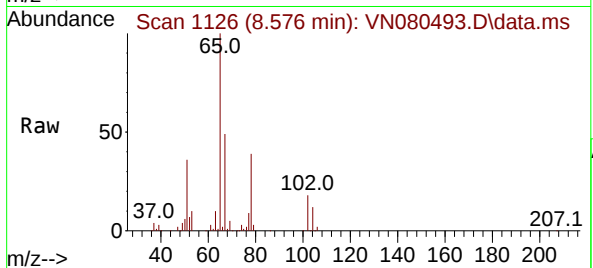
67 48.3 0.0 106.6

Manual Integrations

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Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080493.D

Acq: 14 Dec 2023 19:24

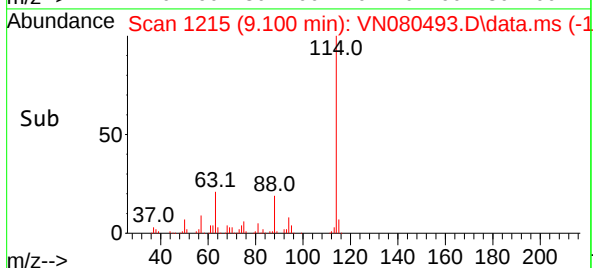
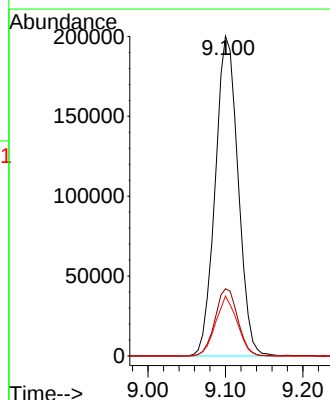
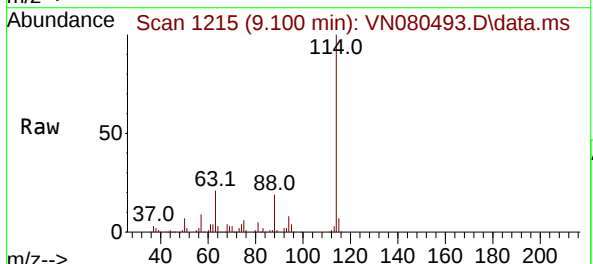
Tgt Ion:114 Resp: 410255

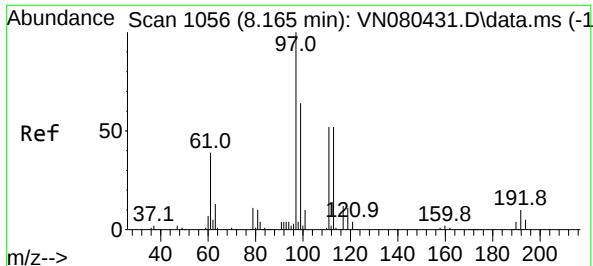
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

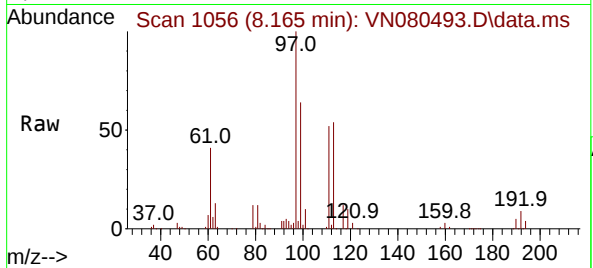
88 18.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 55.001 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

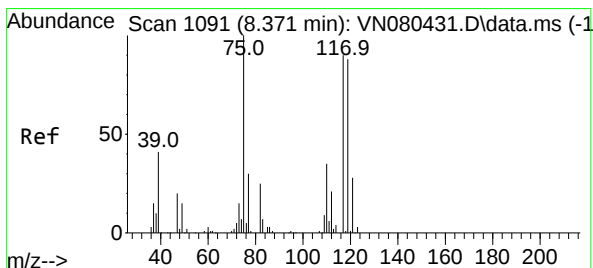
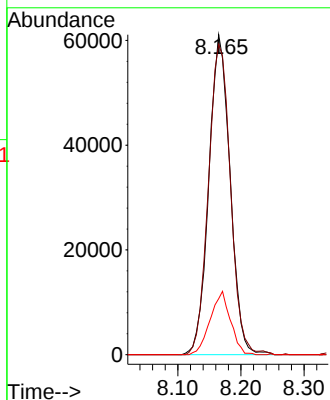
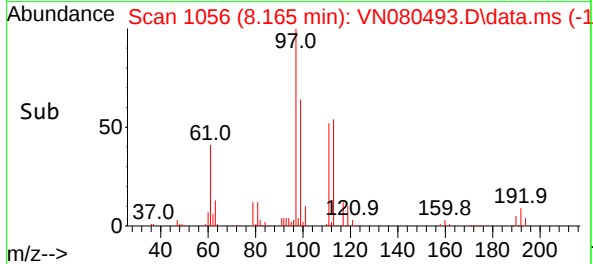
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 143068
Ion Ratio Lower Upper
113 100
111 100.6 82.6 123.8
192 18.8 12.7 19.1

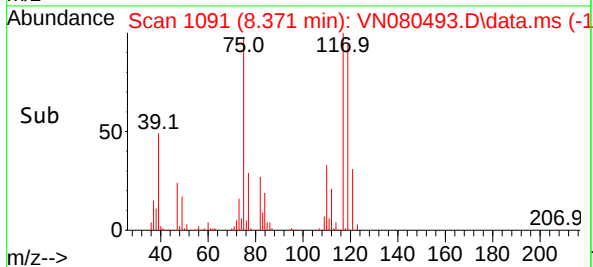
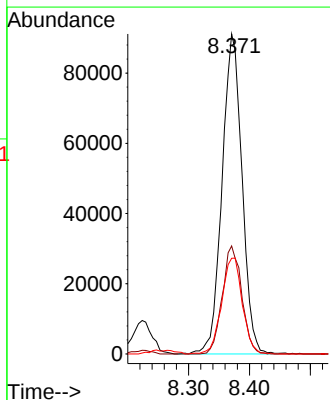
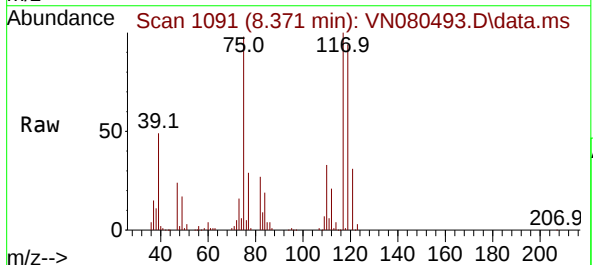
Manual Integrations
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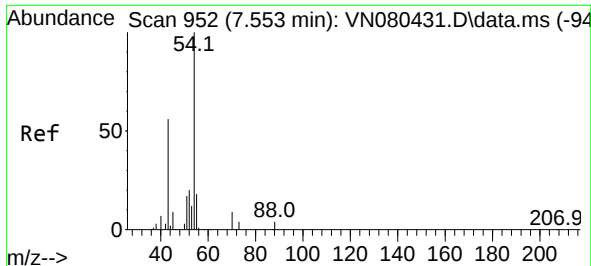
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#36
1,1-Dichloropropene
Concen: 48.816 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

Tgt Ion: 75 Resp: 207620
Ion Ratio Lower Upper
75 100
110 32.8 19.1 57.3
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 47.553 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080493.D

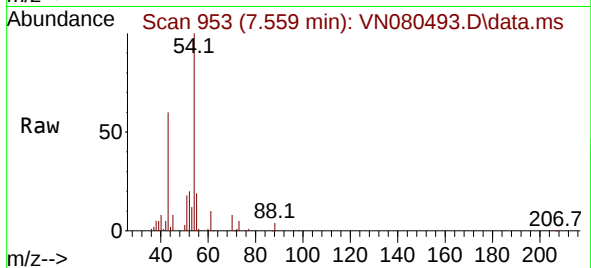
Acq: 14 Dec 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



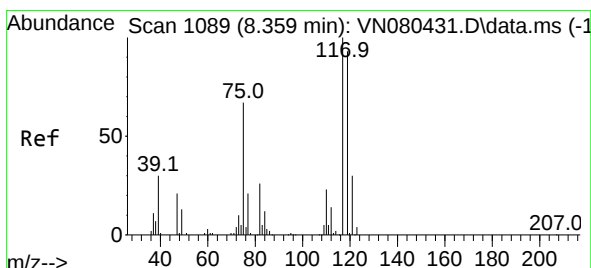
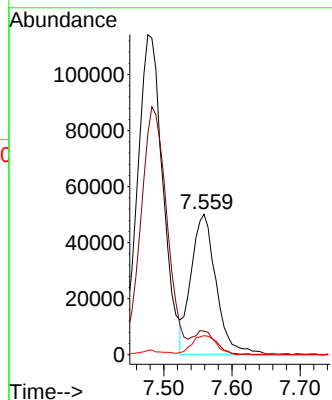
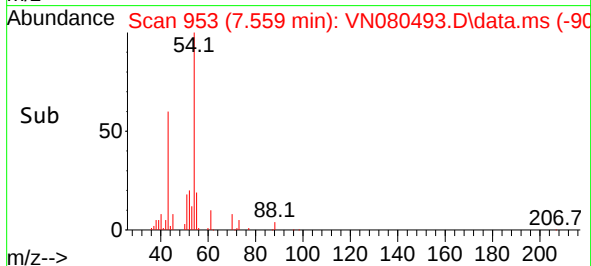
Tgt Ion:	43	Resp:	126649
Ion	Ratio	Lower	Upper
43	100		
61	15.6	13.2	19.8
70	13.7	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#38

Carbon Tetrachloride

Concen: 50.397 ug/l

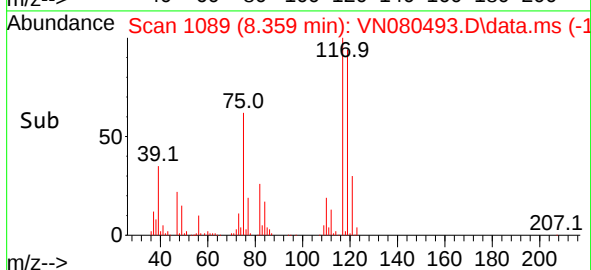
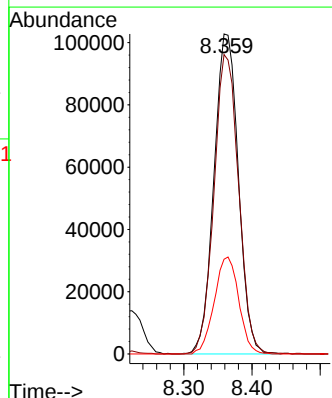
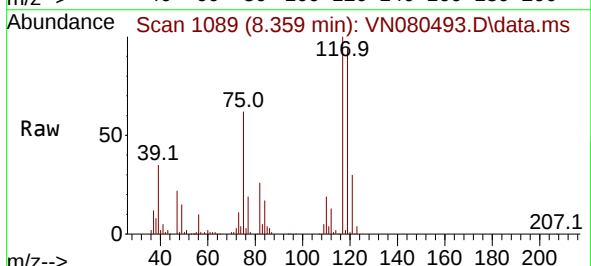
RT: 8.359 min Scan# 1089

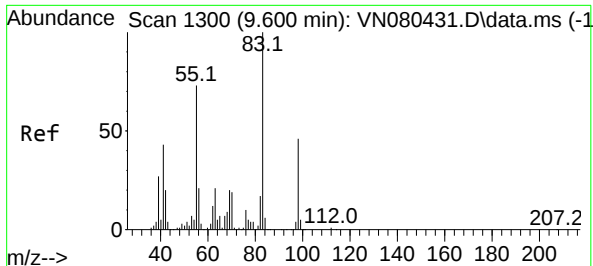
Delta R.T. 0.000 min

Lab File: VN080493.D

Acq: 14 Dec 2023 19:24

Tgt Ion:	117	Resp:	256116
Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.3	115.9
121	29.6	23.3	34.9





#39

Methylcyclohexane

Concen: 45.696 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080493.D

Acq: 14 Dec 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

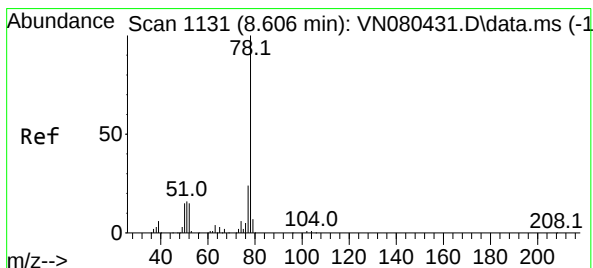
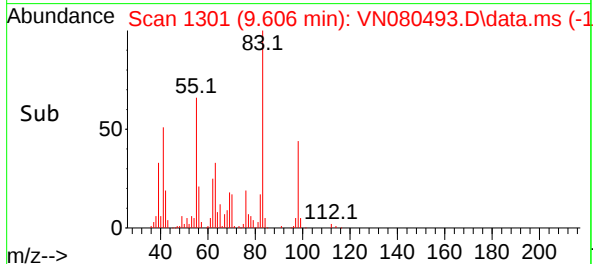
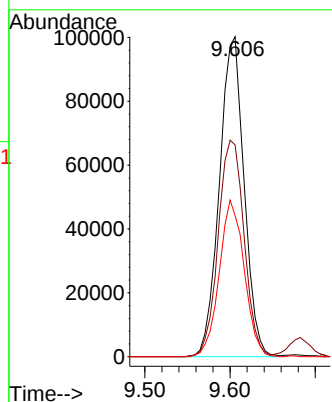
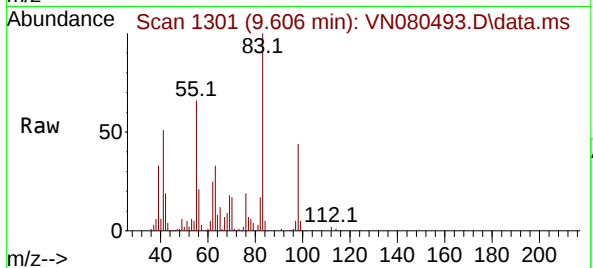
Tgt Ion: 83 Resp: 20189
 Ion Ratio Lower Upper
 83 100
 55 66.2 49.1 73.7
 98 44.1 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#40

Benzene

Concen: 47.444 ug/l

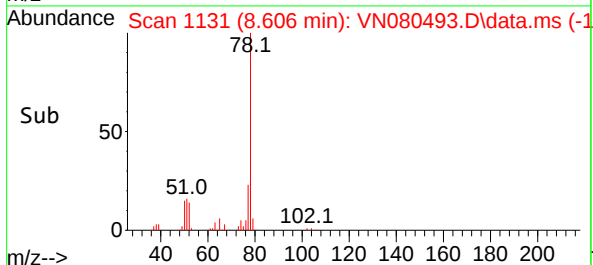
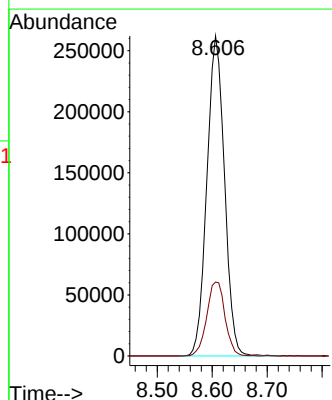
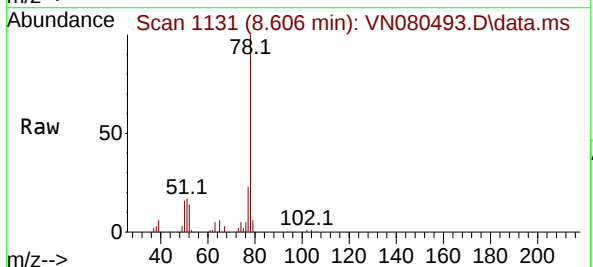
RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080493.D

Acq: 14 Dec 2023 19:24

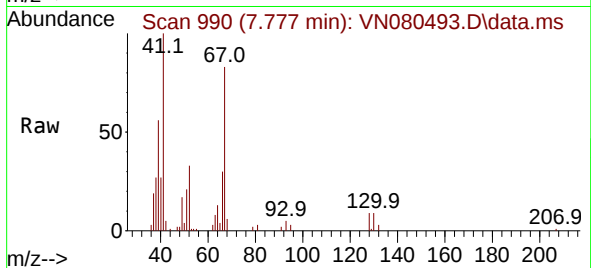
Tgt Ion: 78 Resp: 582681
 Ion Ratio Lower Upper
 78 100
 77 23.1 19.0 28.6





#41
Methacrylonitrile
Concen: 49.091 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

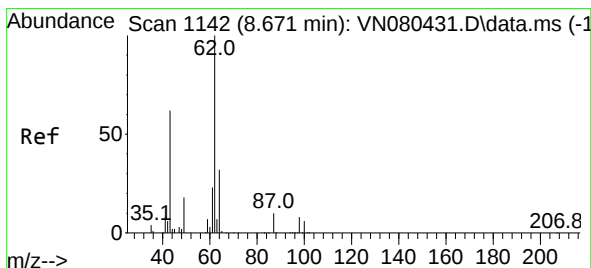
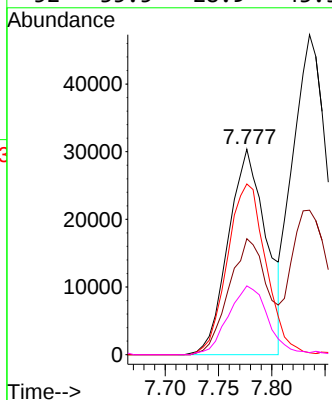
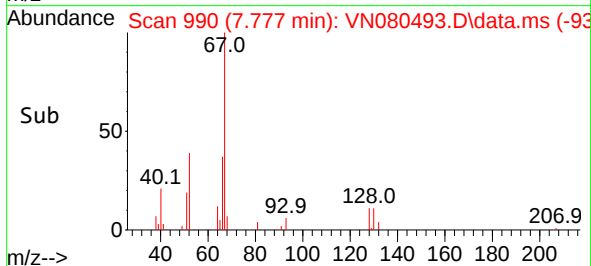
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



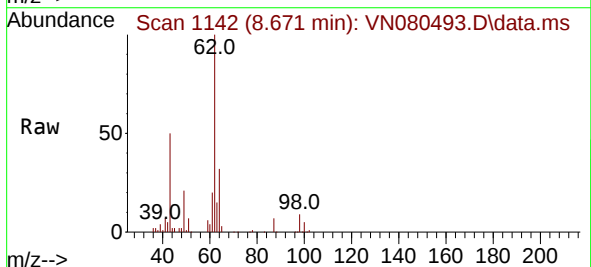
Tgt Ion: 41 Resp: 7537
Ion Ratio Lower Upper
41 100
39 57.3 42.6 64.0
67 84.5 77.5 116.3
52 35.5 28.9 43.3

Manual Integrations
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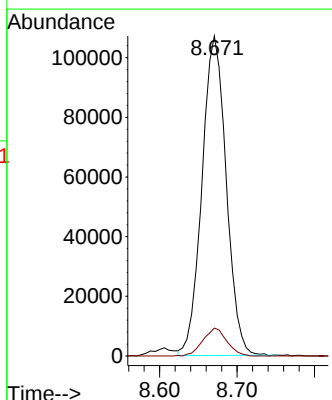
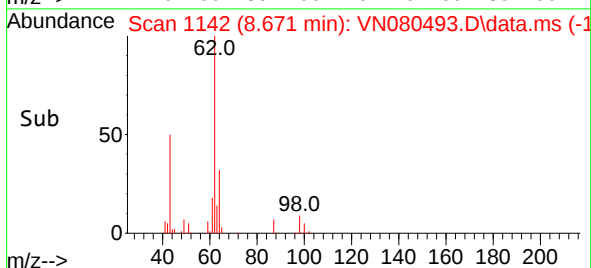
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

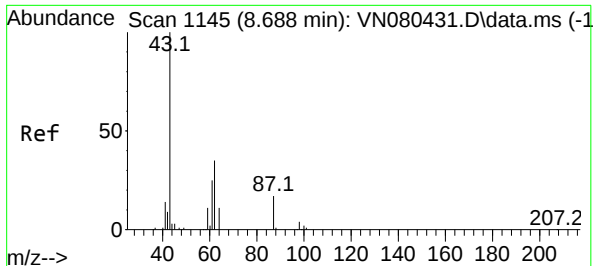


#42
1,2-Dichloroethane
Concen: 51.232 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24



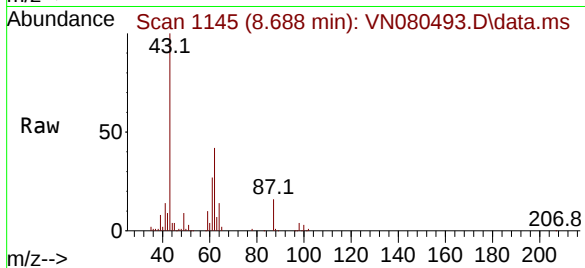
Tgt Ion: 62 Resp: 233003
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 48.803 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

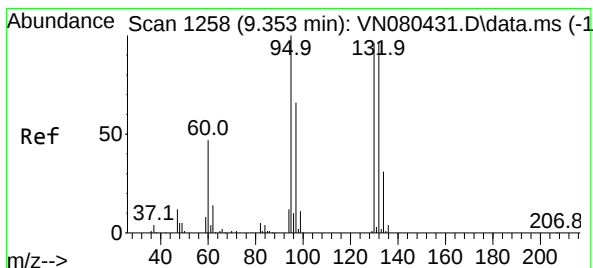
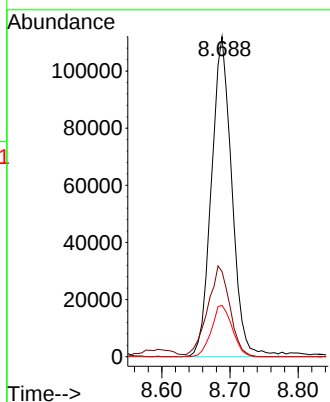
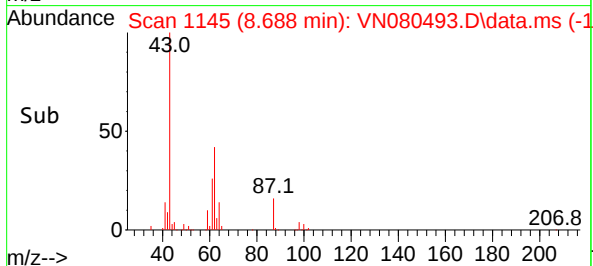
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 233704
Ion Ratio Lower Upper
43 100
61 30.8 24.7 37.1
87 16.3 14.6 21.8

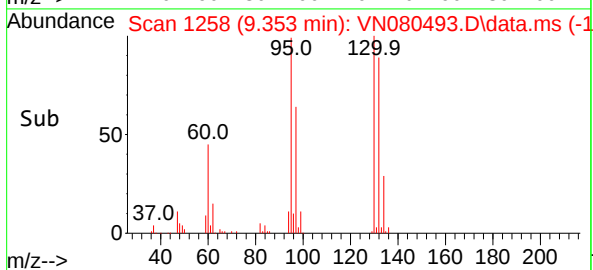
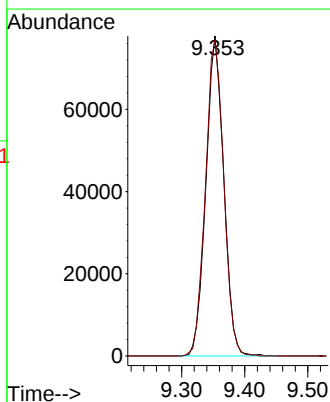
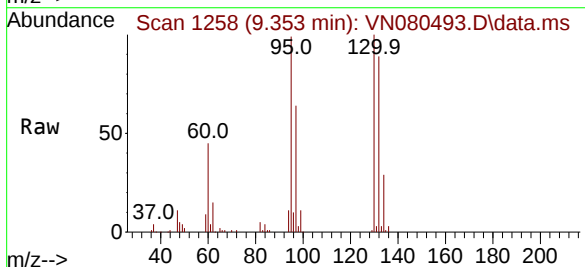
Manual Integrations
APPROVED

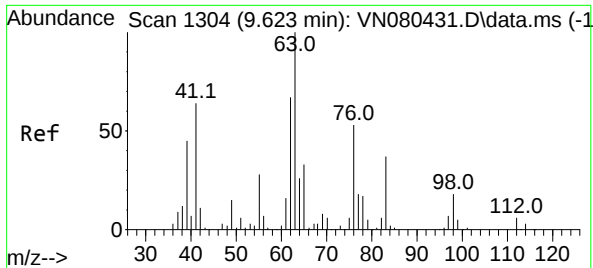
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#44
Trichloroethene
Concen: 46.112 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

Tgt Ion:130 Resp: 152673
Ion Ratio Lower Upper
130 100
95 98.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 47.401 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080493.D

Acq: 14 Dec 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 136729

Ion Ratio Lower Upper

63 100

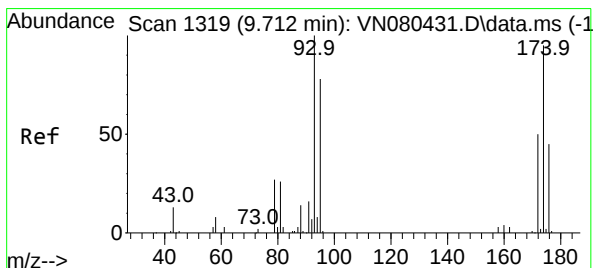
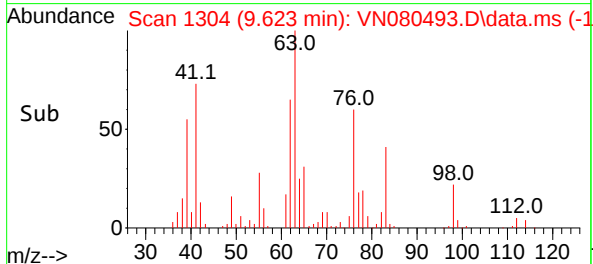
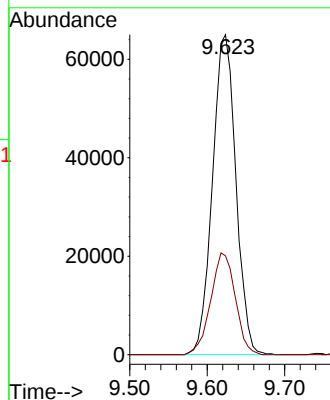
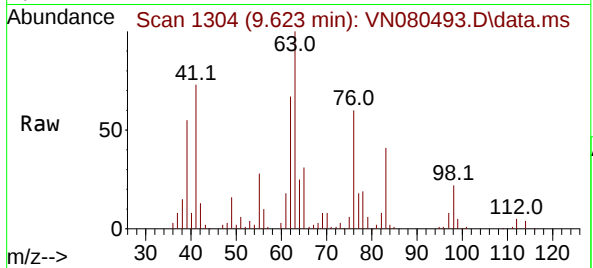
65 30.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#46

Dibromomethane

Concen: 49.093 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080493.D

Acq: 14 Dec 2023 19:24

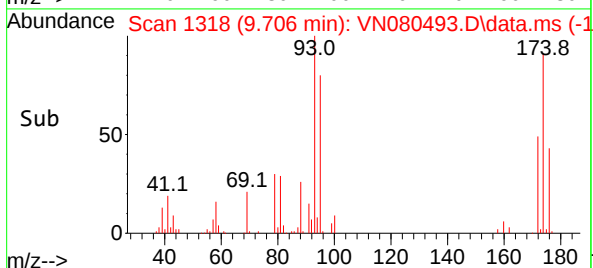
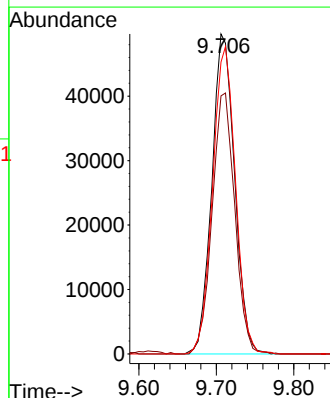
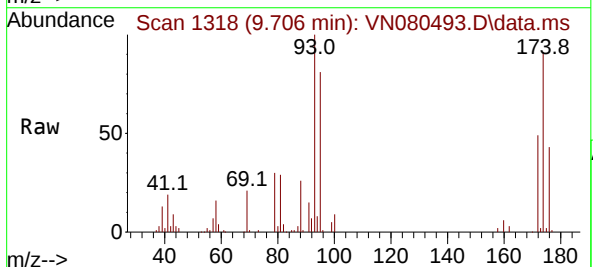
Tgt Ion: 93 Resp: 101697

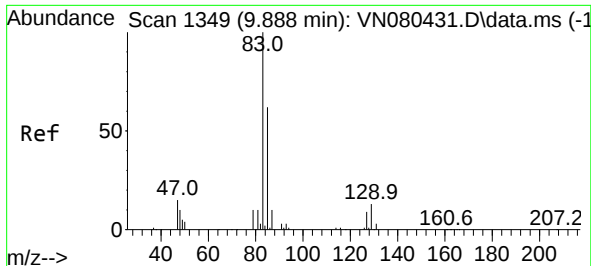
Ion Ratio Lower Upper

93 100

95 81.3 63.8 95.8

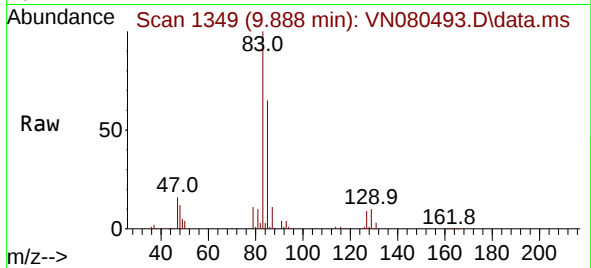
174 96.5 65.6 98.4





#47
Bromodichloromethane
Concen: 50.714 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

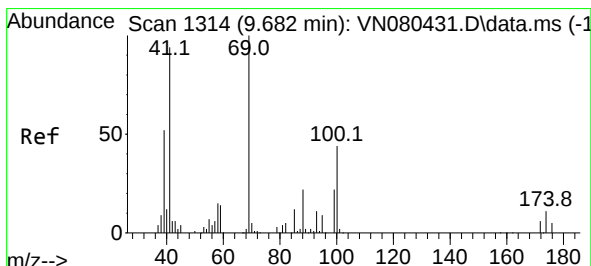
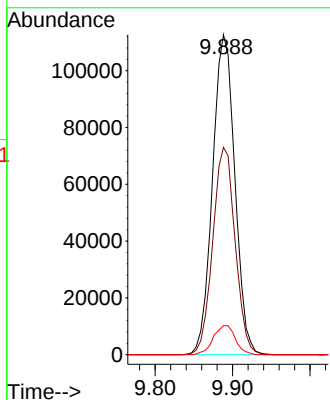
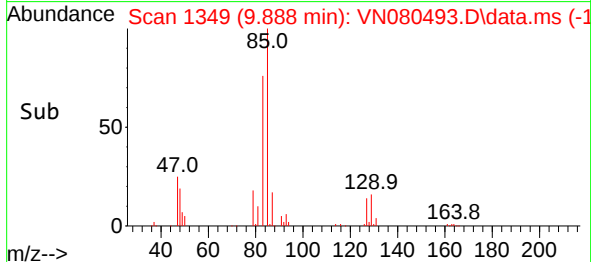
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



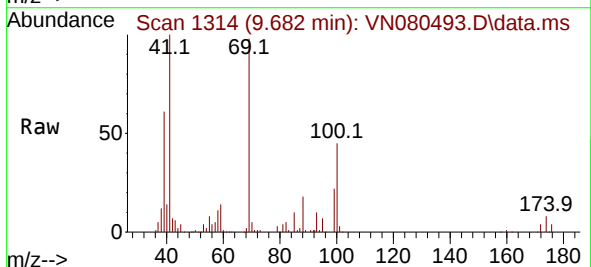
Tgt Ion: 83 Resp: 225149
Ion Ratio Lower Upper
83 100
85 64.8 49.6 74.4
127 9.1 7.0 10.6

Manual Integrations
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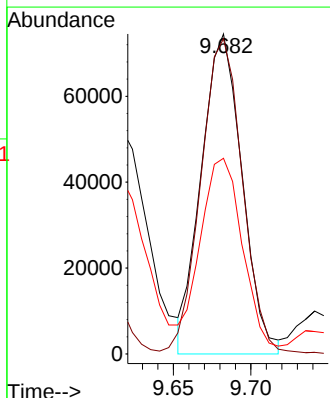
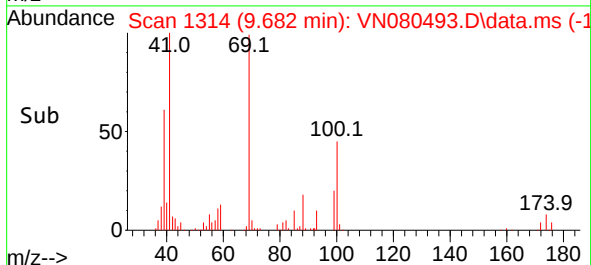
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

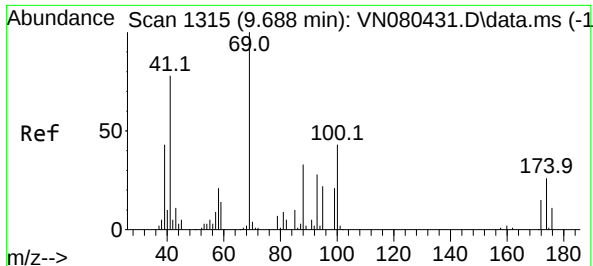


#48
Methyl methacrylate
Concen: 47.663 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24



Tgt Ion: 41 Resp: 136205
Ion Ratio Lower Upper
41 100
69 100.9 90.4 135.6
39 64.0 54.6 81.8





#49

1,4-Dioxane

Concen: 873.977 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080493.D

Acq: 14 Dec 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3785

Ion Ratio Lower Upper

88 100

43 30.6 17.0 25.6

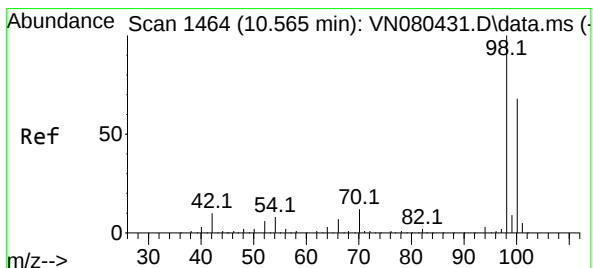
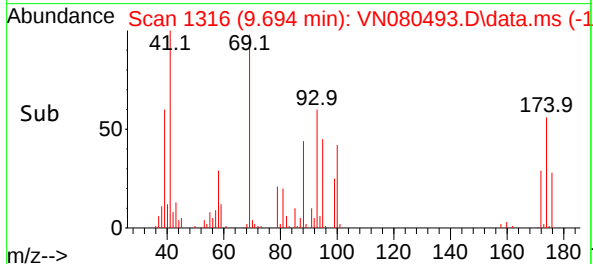
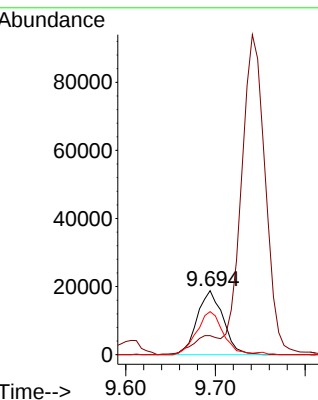
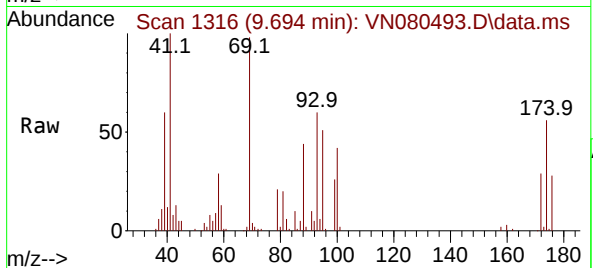
58 68.2 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#50

Toluene-d8

Concen: 52.686 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080493.D

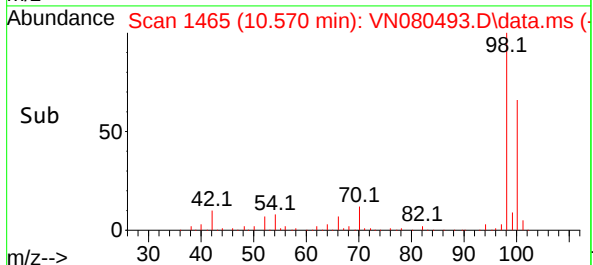
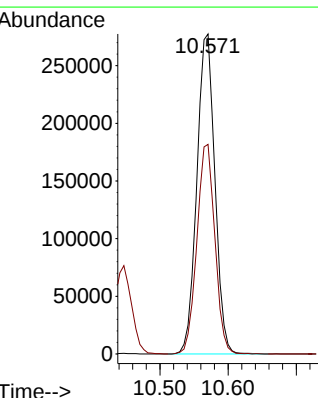
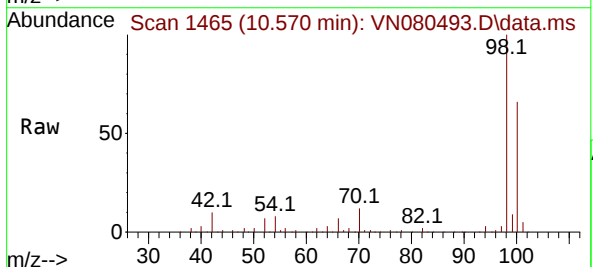
Acq: 14 Dec 2023 19:24

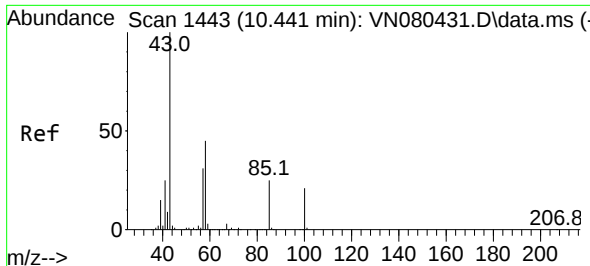
Tgt Ion: 98 Resp: 511112

Ion Ratio Lower Upper

98 100

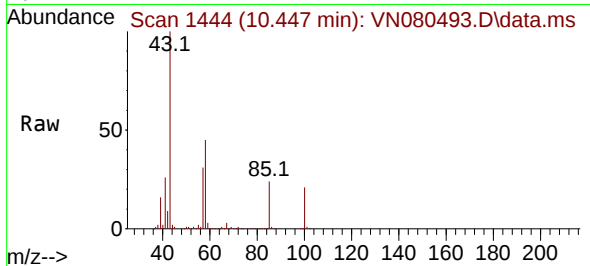
100 65.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 244.176 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

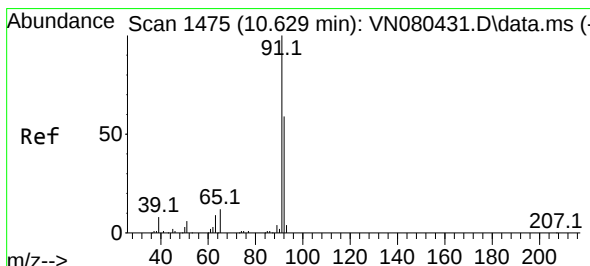
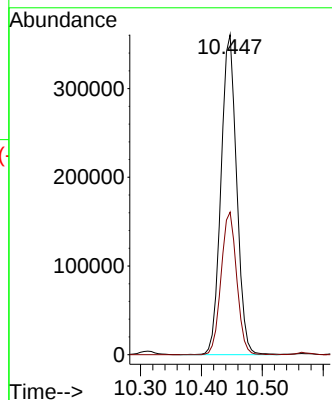
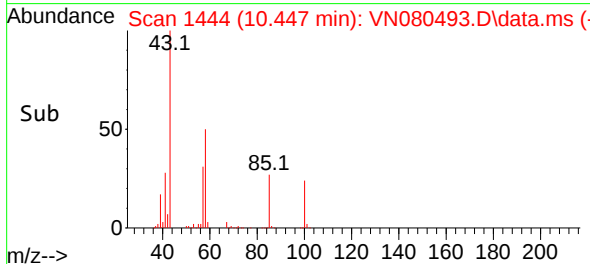
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 643972
Ion Ratio Lower Upper
43 100
58 44.4 36.6 54.8

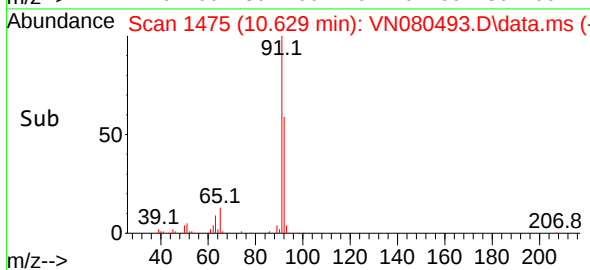
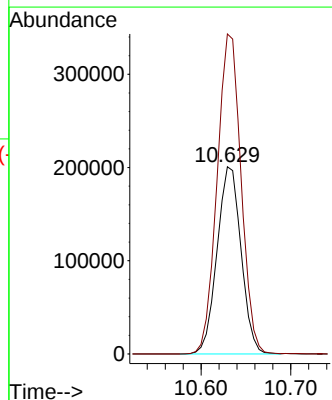
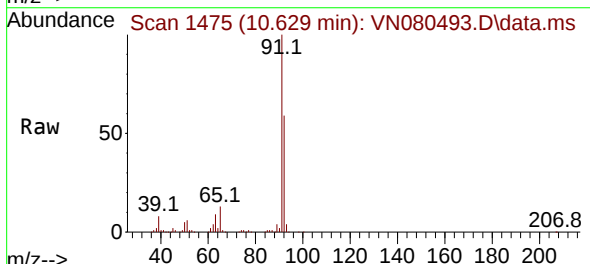
Manual Integrations
APPROVED

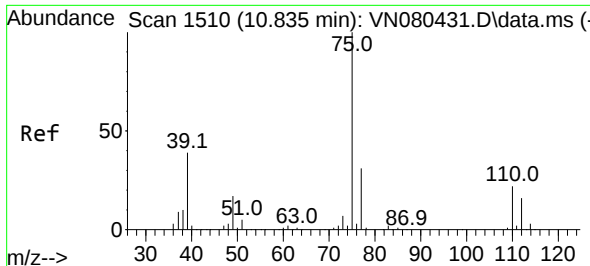
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#52
Toluene
Concen: 48.056 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

Tgt Ion: 92 Resp: 372844
Ion Ratio Lower Upper
92 100
91 170.8 137.4 206.0





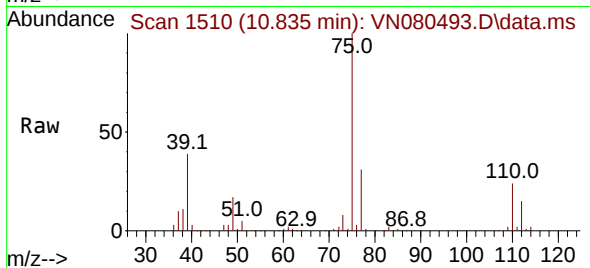
#53
t-1,3-Dichloropropene
Concen: 48.994 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

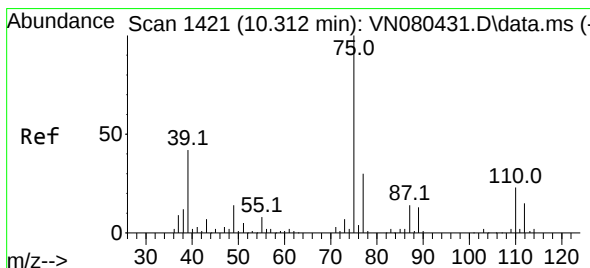
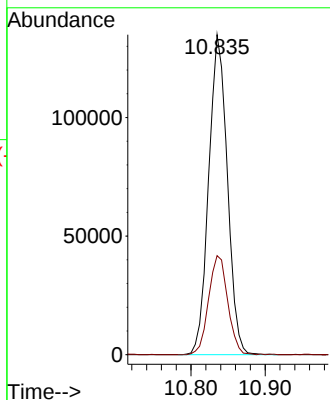
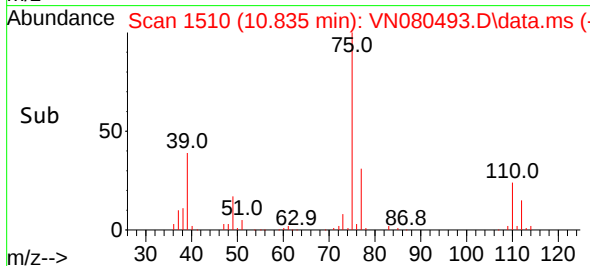


Tgt Ion: 75 Resp: 235340
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0

Manual Integrations

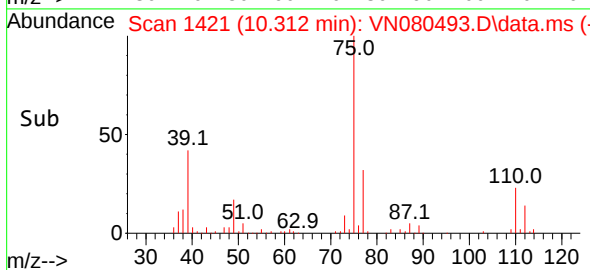
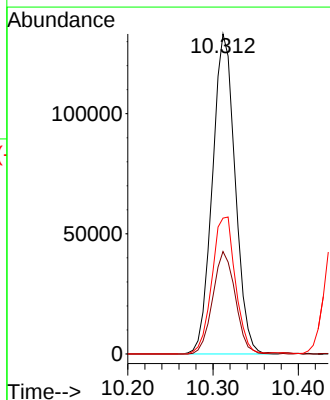
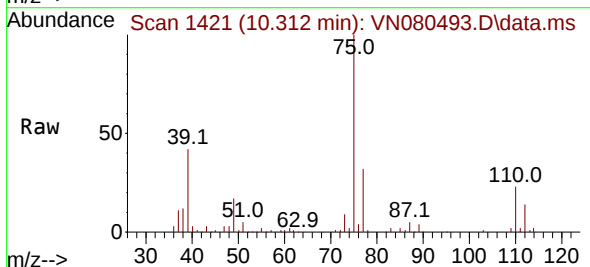
APPROVED

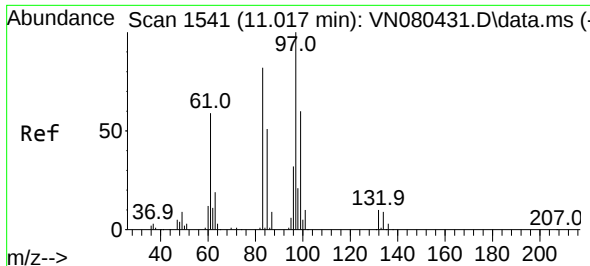
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#54
cis-1,3-Dichloropropene
Concen: 48.120 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

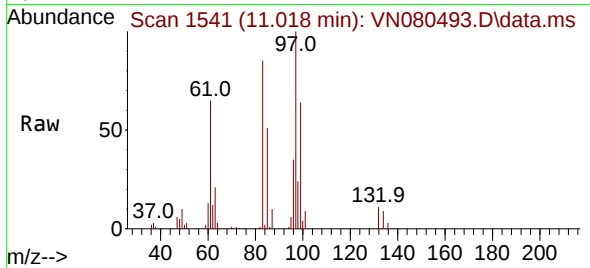
Tgt Ion: 75 Resp: 247053
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
39 42.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 48.794 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

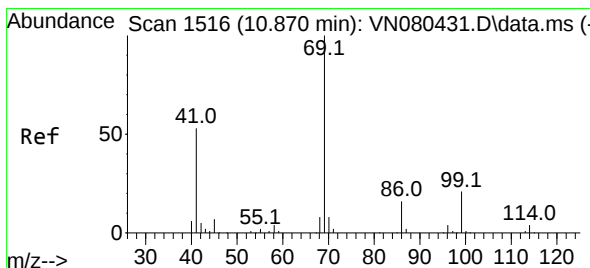
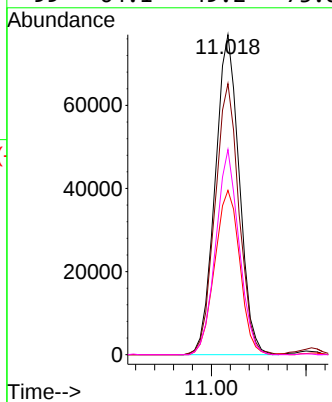
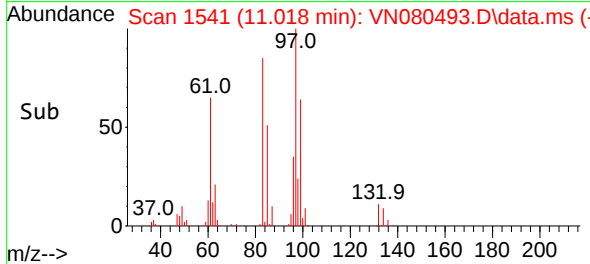
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	136219
Ion Ratio	100	Lower	Upper
97	100		
83	84.7	65.1	97.7
85	51.4	43.4	65.2
99	64.1	49.2	73.8

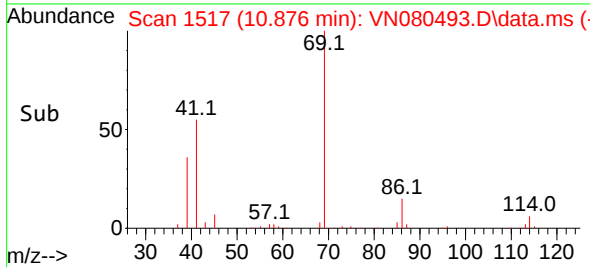
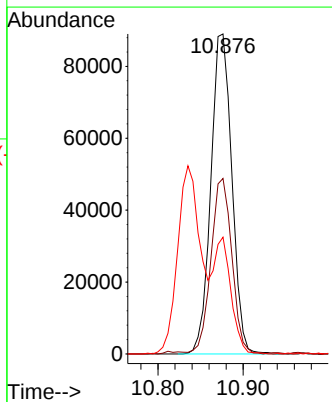
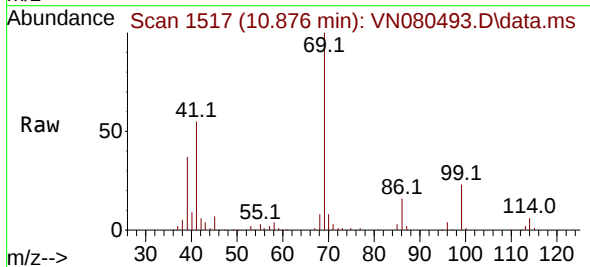
Manual Integrations
APPROVED

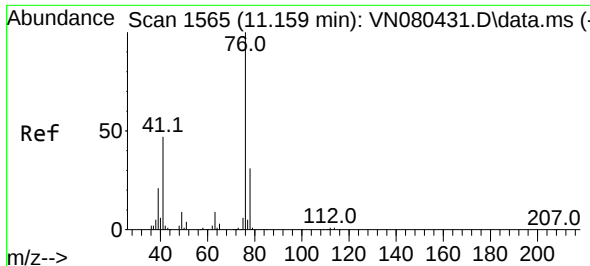
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#56
Ethyl methacrylate
Concen: 49.277 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

Tgt Ion:	69	Resp:	152305
Ion Ratio	100	Lower	Upper
69	100		
41	54.7	39.6	59.4
39	30.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 48.221 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN080493.D

Acq: 14 Dec 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 23598

Ion Ratio Lower Upper

76 100

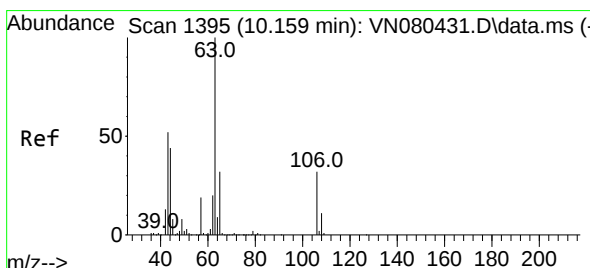
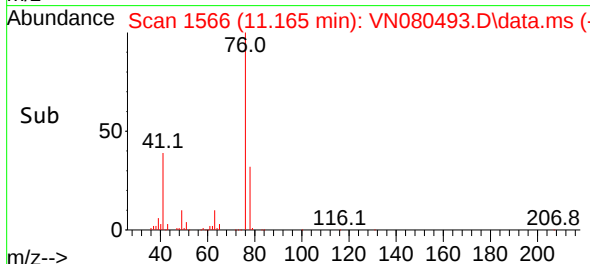
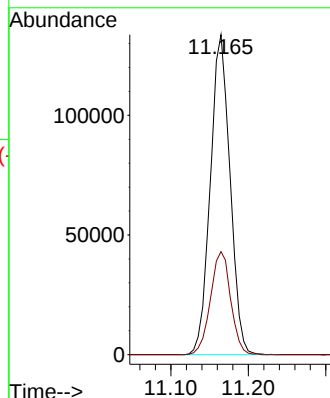
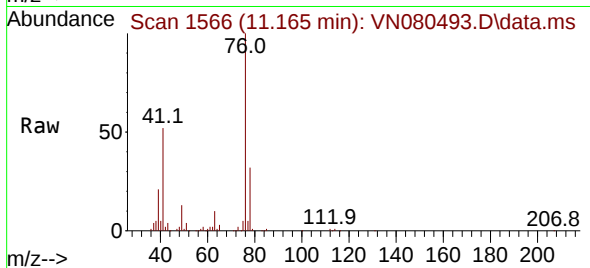
78 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 233.121 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080493.D

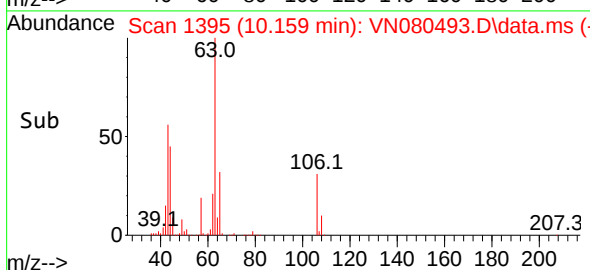
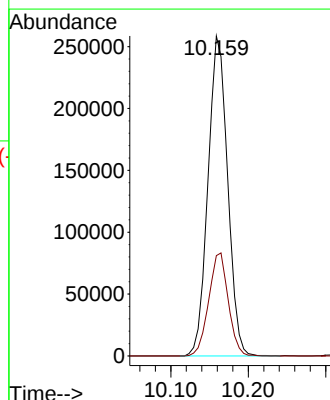
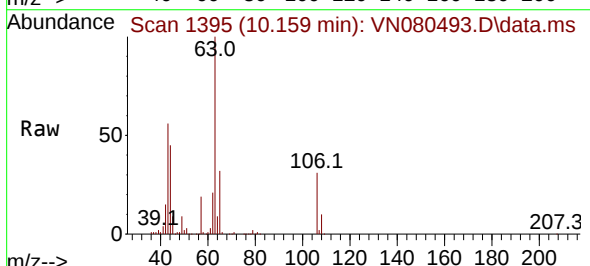
Acq: 14 Dec 2023 19:24

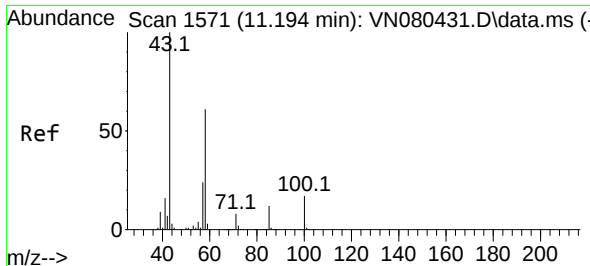
Tgt Ion: 63 Resp: 454873

Ion Ratio Lower Upper

63 100

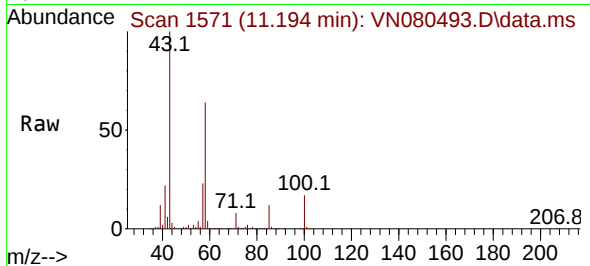
106 32.0 26.2 39.4





#59
2-Hexanone
Concen: 239.916 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

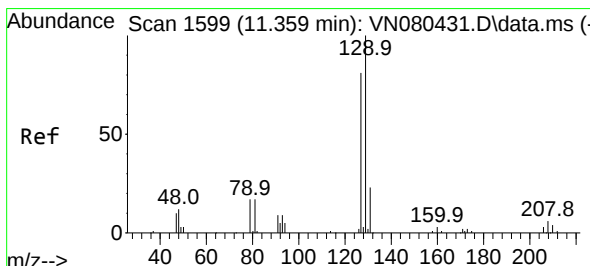
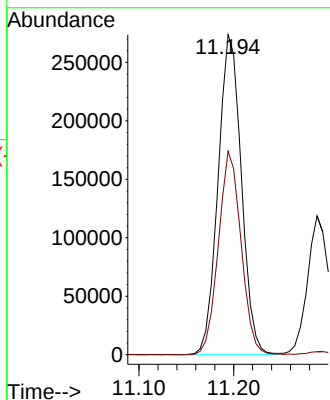
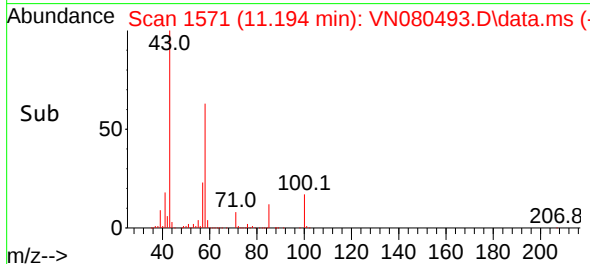
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 467118
Ion Ratio Lower Upper
43 100
58 61.9 31.7 95.1

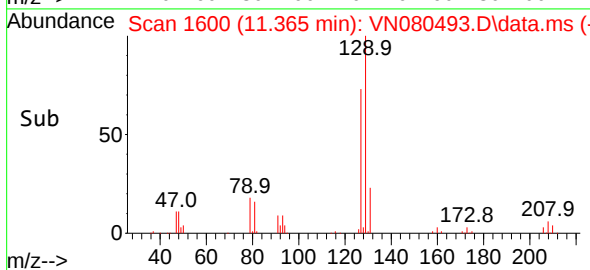
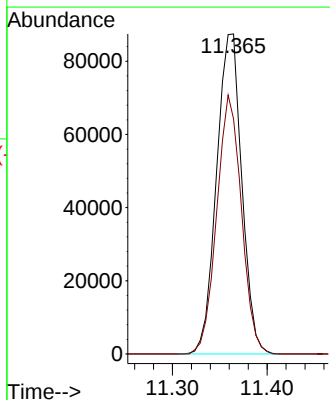
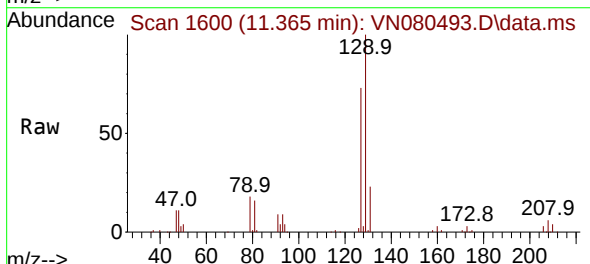
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#60
Dibromochloromethane
Concen: 49.050 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

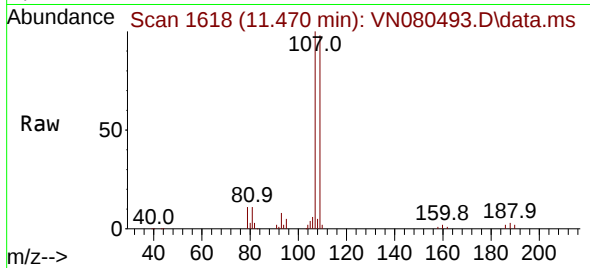
Tgt Ion:129 Resp: 162262
Ion Ratio Lower Upper
129 100
127 79.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 47.865 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

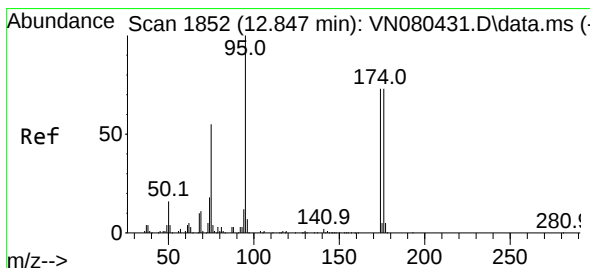
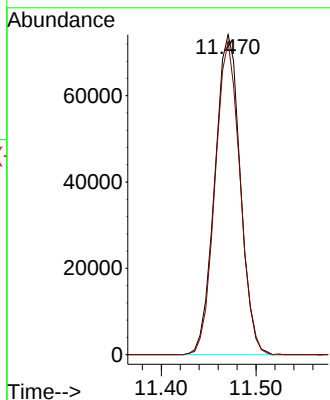
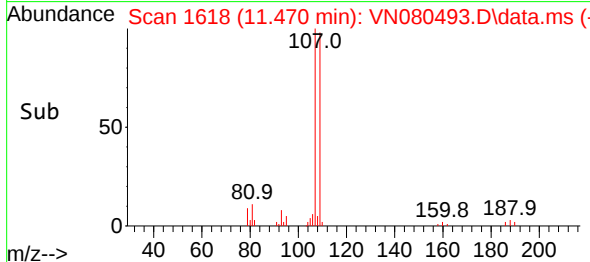
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



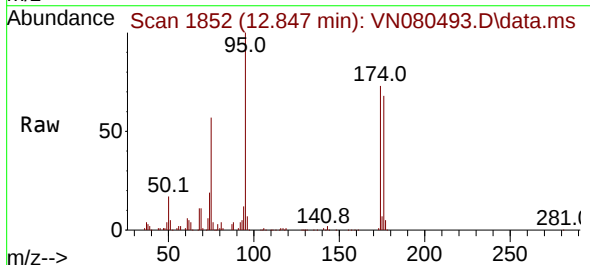
Tgt Ion:107 Resp: 138299
Ion Ratio Lower Upper
107 100
109 95.9 76.6 114.8

Manual Integrations
APPROVED

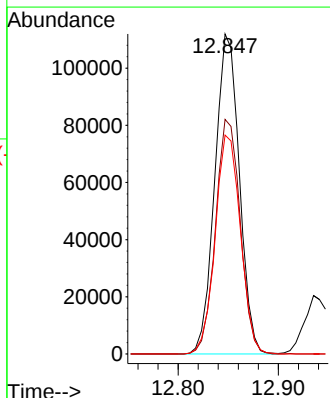
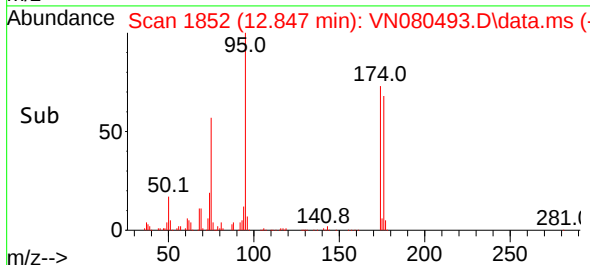
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

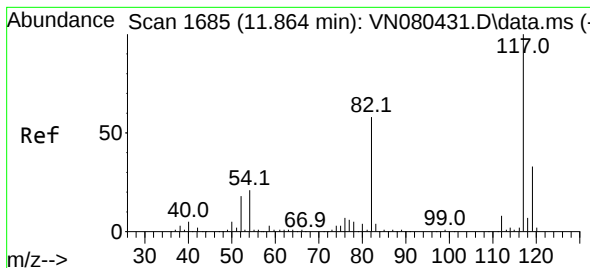


#62
4-Bromofluorobenzene
Concen: 51.480 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24



Tgt Ion: 95 Resp: 189638
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 70.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080493.D

Acq: 14 Dec 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 368792

Ion Ratio Lower Upper

117 100

82 61.4 44.0 66.0

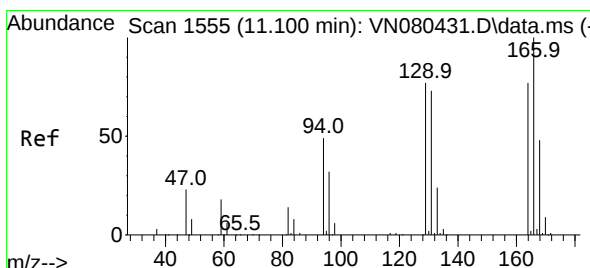
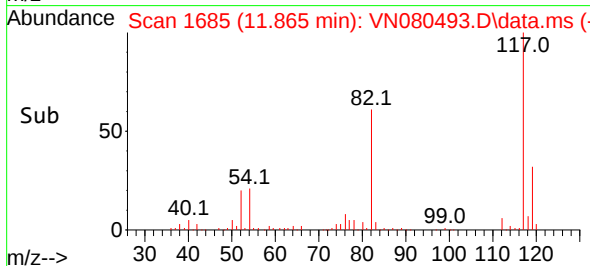
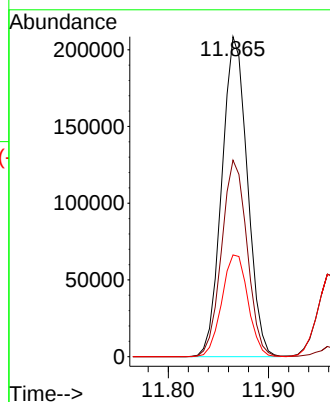
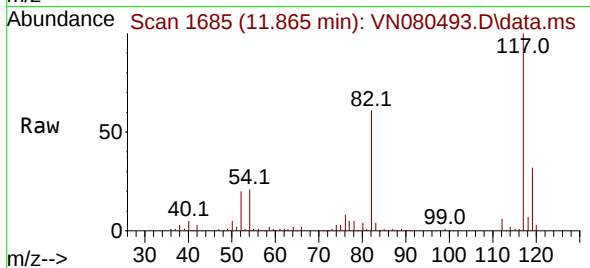
119 31.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#64

Tetrachloroethene

Concen: 44.428 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN080493.D

Acq: 14 Dec 2023 19:24

Tgt Ion:164 Resp: 126505

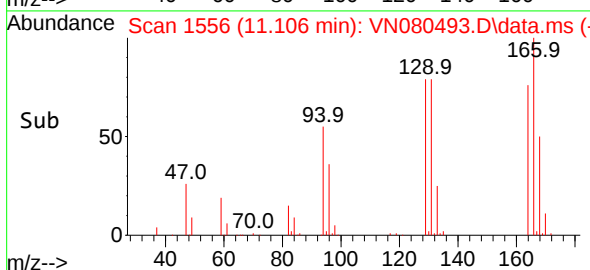
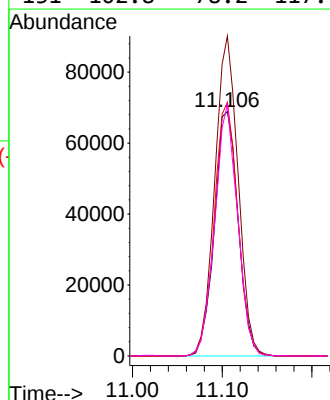
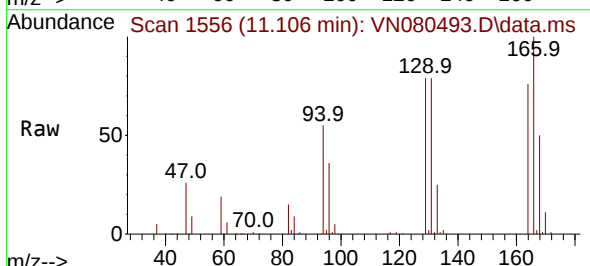
Ion Ratio Lower Upper

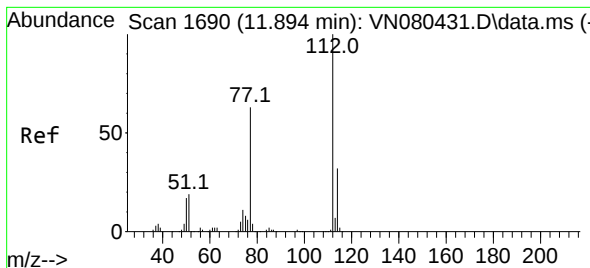
164 100

166 130.9 101.4 152.0

129 103.7 82.4 123.6

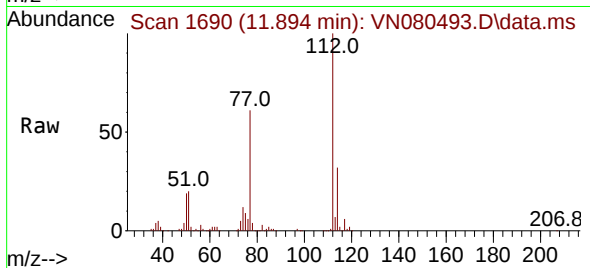
131 102.8 78.2 117.4





#65
Chlorobenzene
Concen: 47.025 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

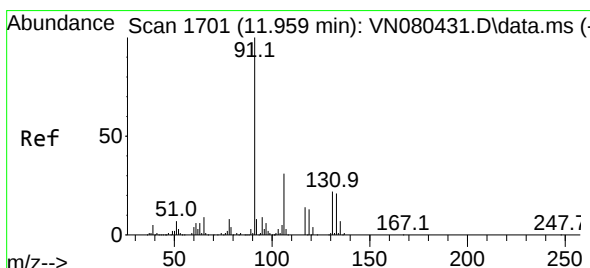
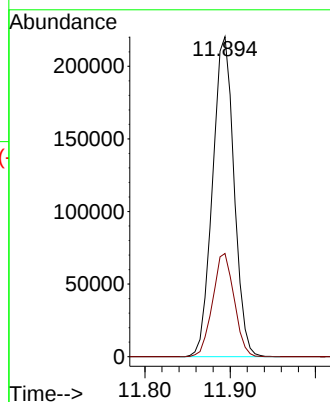
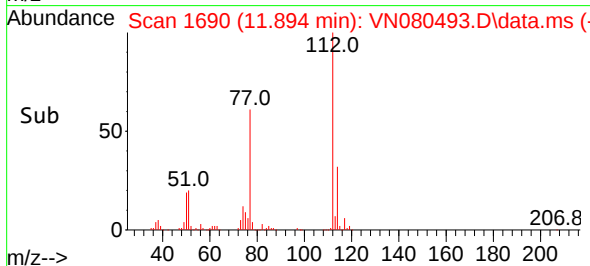
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 385790
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

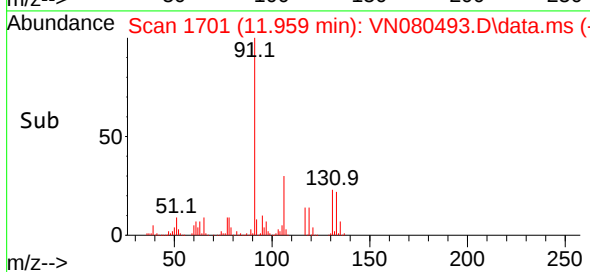
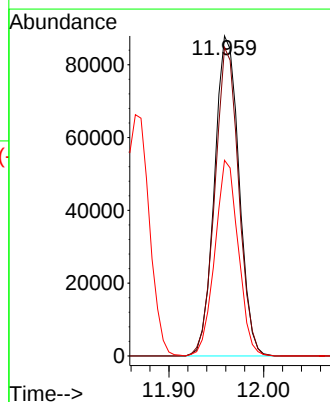
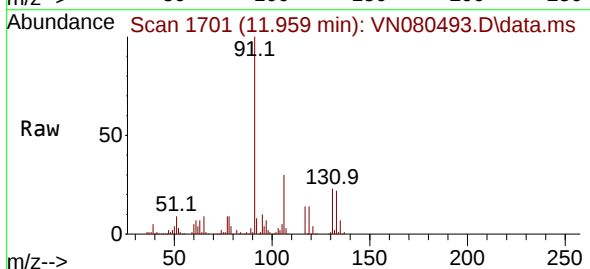
Manual Integrations
APPROVED

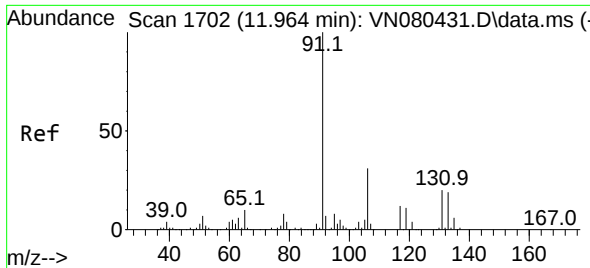
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.023 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

Tgt Ion:131 Resp: 157809
Ion Ratio Lower Upper
131 100
133 94.0 46.4 139.1
119 58.6 34.1 102.2





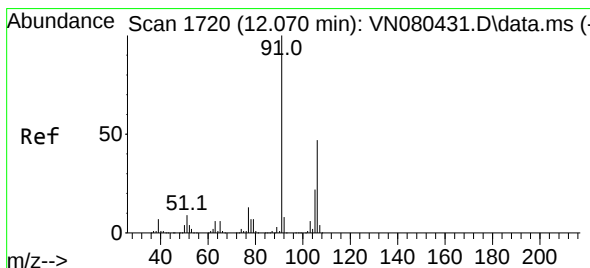
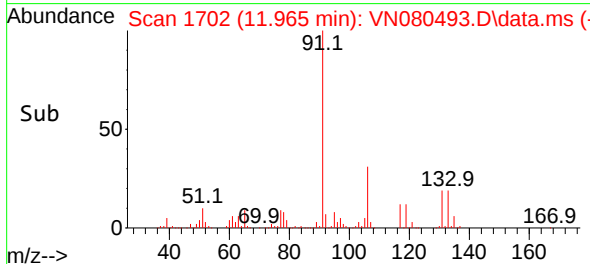
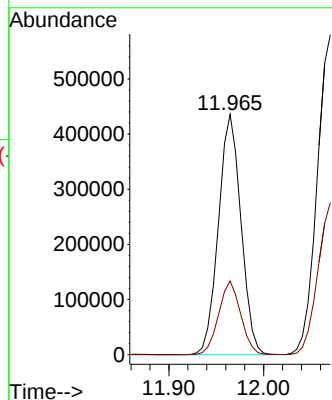
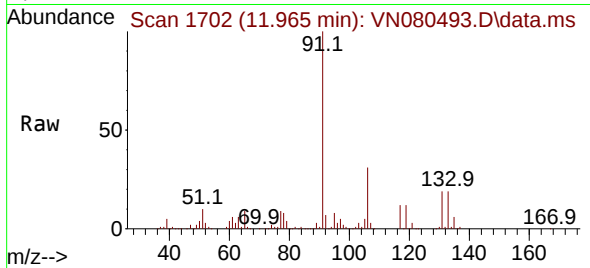
#67
Ethyl Benzene
Concen: 47.776 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 72068
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

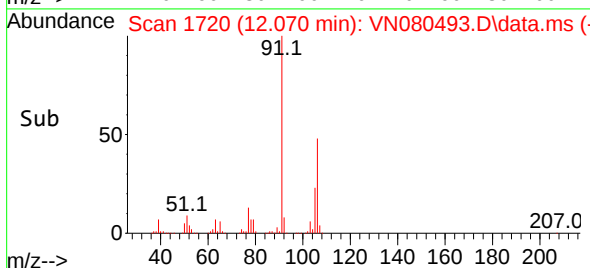
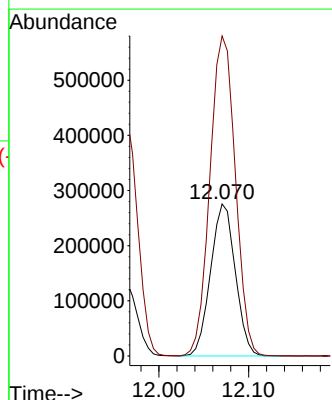
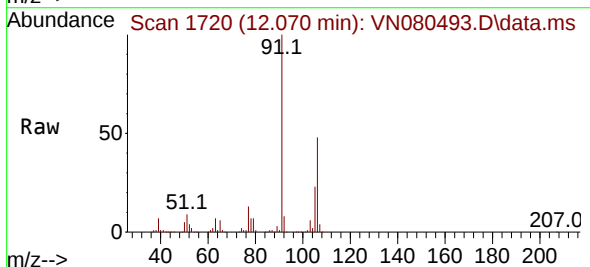
Manual Integrations
APPROVED

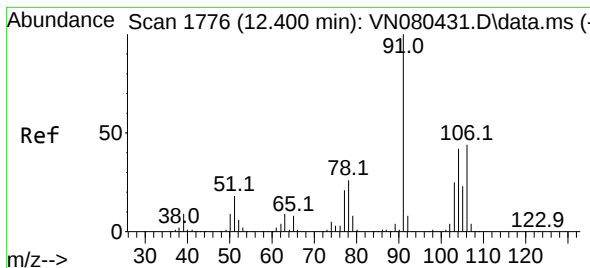
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#68
m/p-Xylenes
Concen: 94.705 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

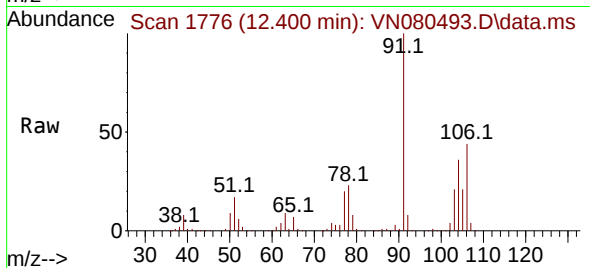
Tgt Ion:106 Resp: 527900
Ion Ratio Lower Upper
106 100
91 217.0 159.6 239.4





#69
o-Xylene
Concen: 46.761 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

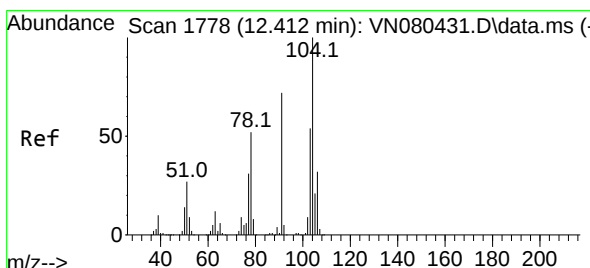
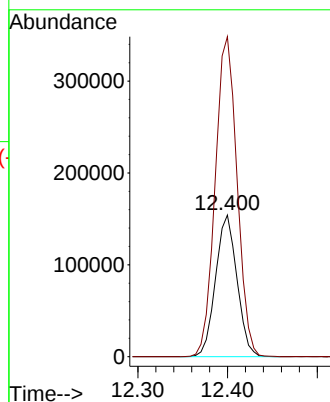
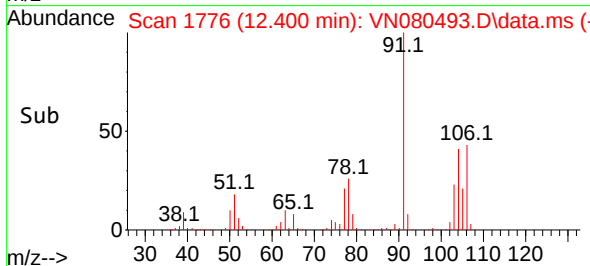
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 254948
Ion Ratio Lower Upper
106 100
91 231.2 105.2 315.5

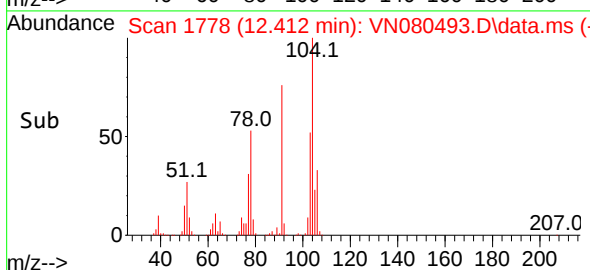
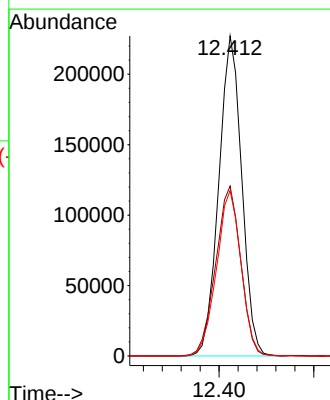
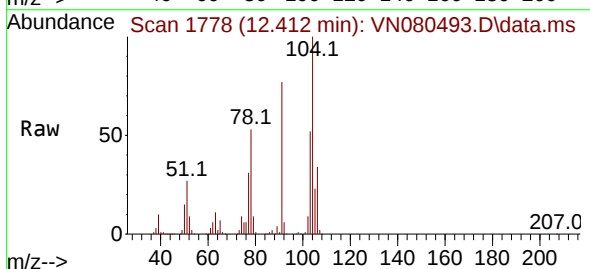
Manual Integrations
APPROVED

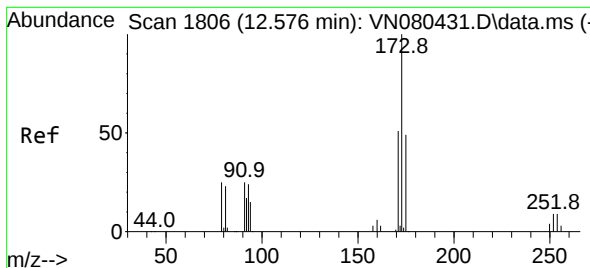
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#70
Styrene
Concen: 48.737 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

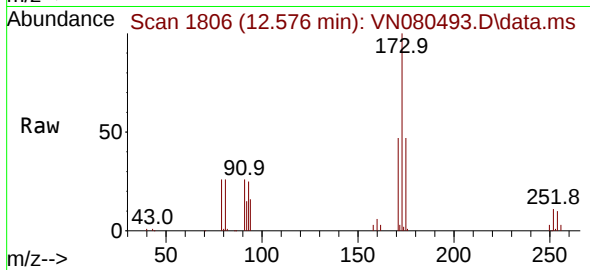
Tgt Ion:104 Resp: 382757
Ion Ratio Lower Upper
104 100
78 57.7 39.5 59.3
103 55.2 43.2 64.8





#71
Bromoform
Concen: 46.376 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

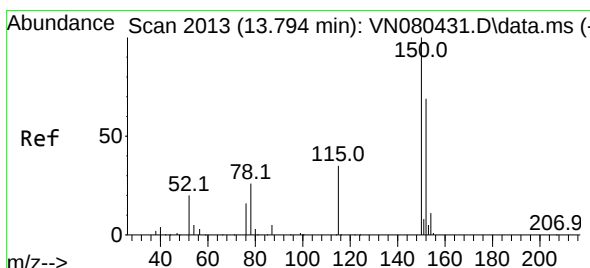
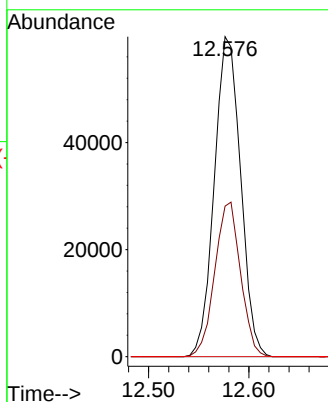
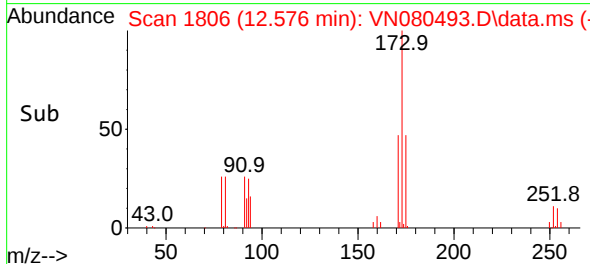
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



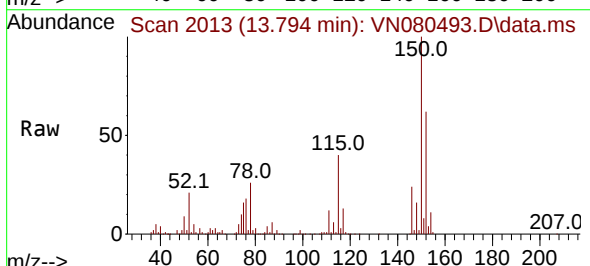
Tgt Ion:173 Resp: 108868
Ion Ratio Lower Upper
173 100
175 47.2 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

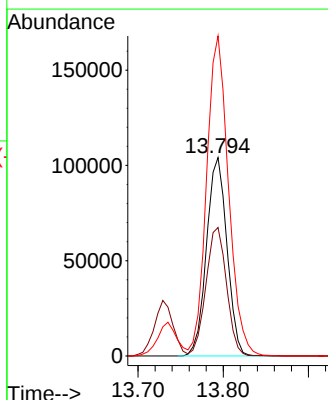
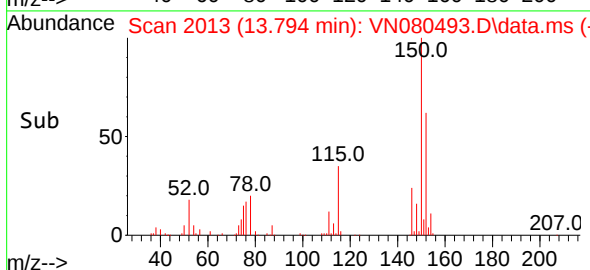
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

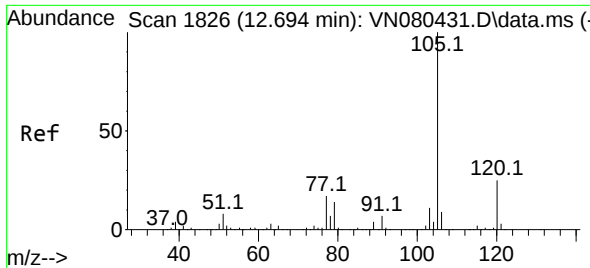


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24



Tgt Ion:152 Resp: 173750
Ion Ratio Lower Upper
152 100
115 65.3 32.3 96.8
150 172.6 0.0 355.8





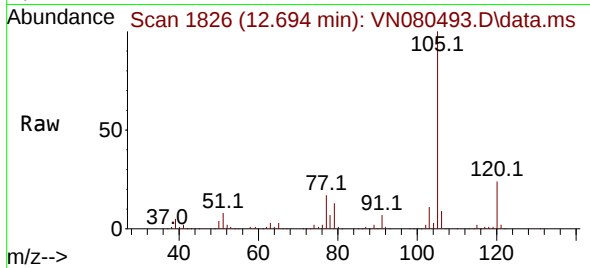
#73
Isopropylbenzene
Concen: 48.305 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

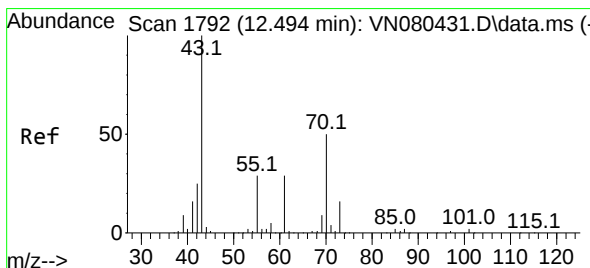
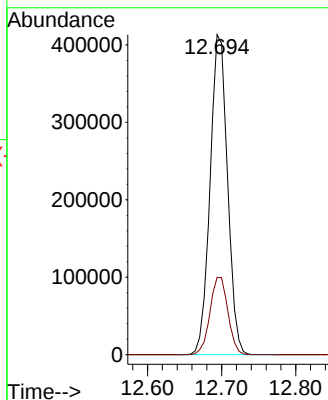
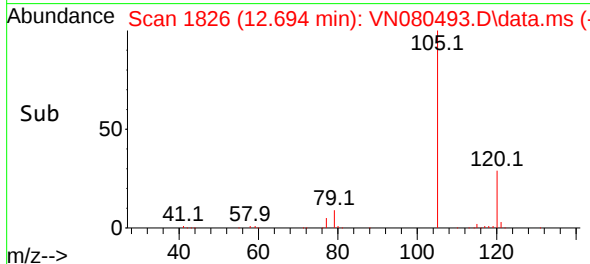


Tgt Ion:105 Resp: 67422
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.1

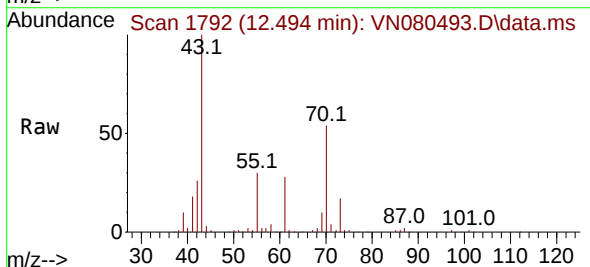
Manual Integrations

APPROVED

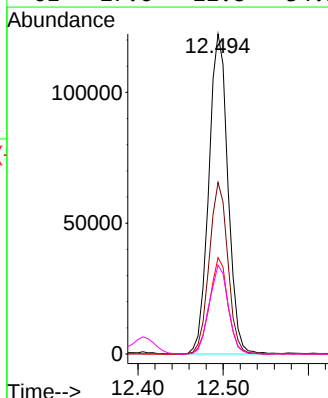
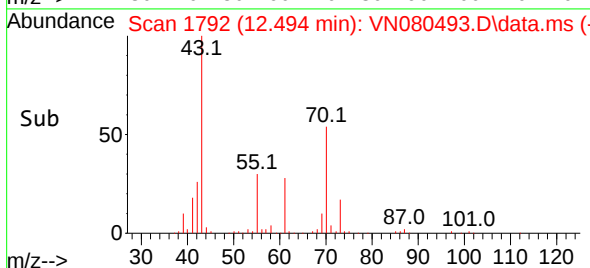
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

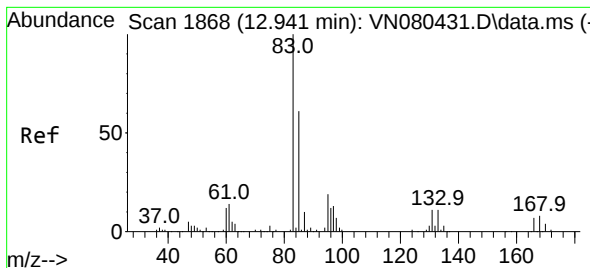


#74
N-ethyl acetate
Concen: 46.769 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24



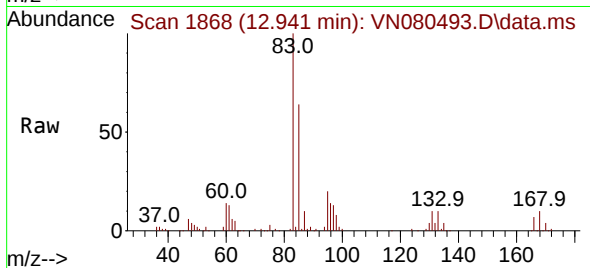
Tgt Ion: 43 Resp: 190628
Ion Ratio Lower Upper
43 100
70 52.1 43.4 65.2
55 28.8 21.4 32.0
61 27.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 45.764 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

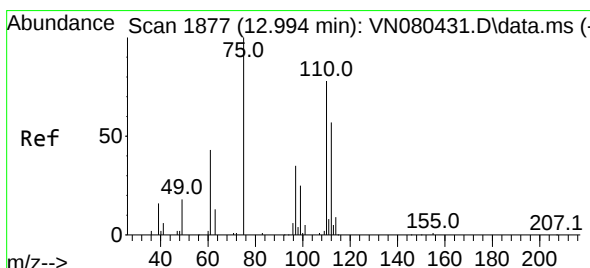
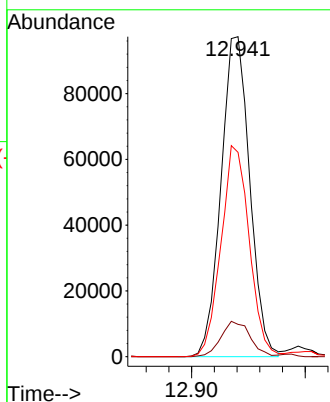
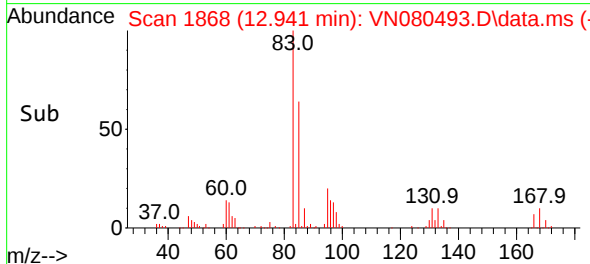
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



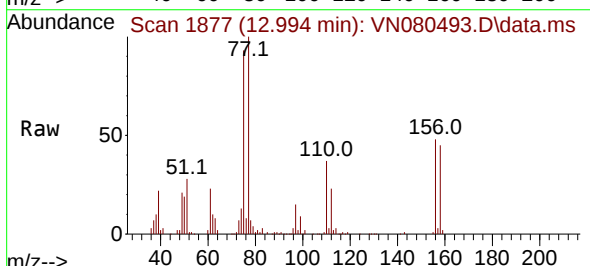
Tgt Ion: 83 Resp: 17116
Ion Ratio Lower Upper
83 100
131 11.3 5.0 15.0
85 65.0 31.9 95.7

Manual Integrations
APPROVED

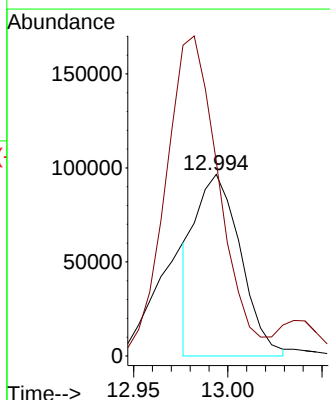
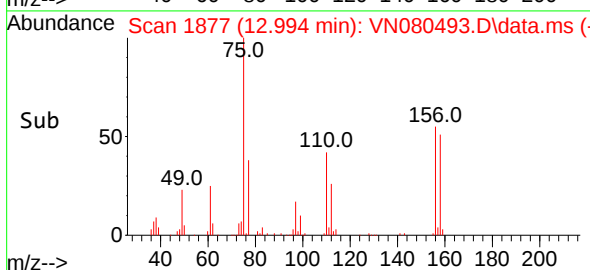
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

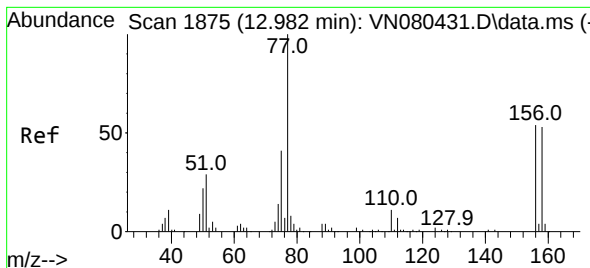


#76
1,2,3-Trichloropropane
Concen: 46.526 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24



Tgt Ion: 75 Resp: 161271
Ion Ratio Lower Upper
75 100
77 207.3 84.5 253.5





#77

Bromobenzene

Concen: 46.830 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080493.D

Acq: 14 Dec 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

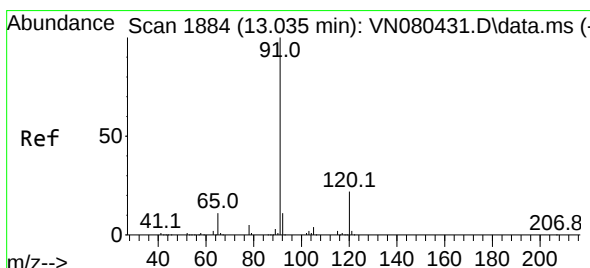
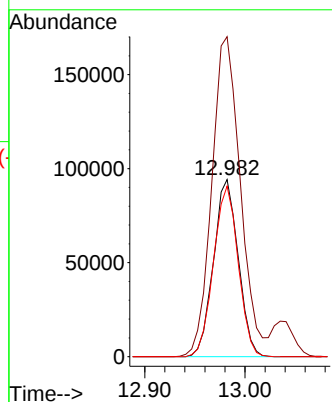
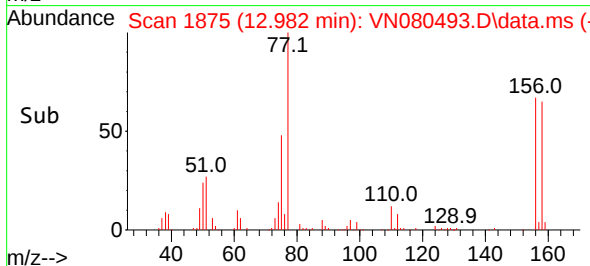
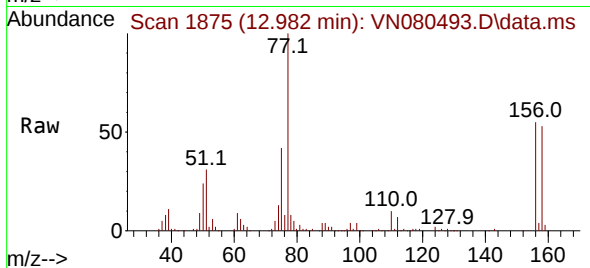
Tgt Ion:156 Resp: 160799
 Ion Ratio Lower Upper
 156 100
 77 207.9 107.7 323.3
 158 96.0 48.4 145.3

Manual Integrations

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Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#78

n-propylbenzene

Concen: 48.601 ug/l

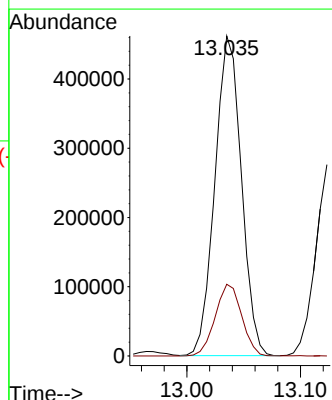
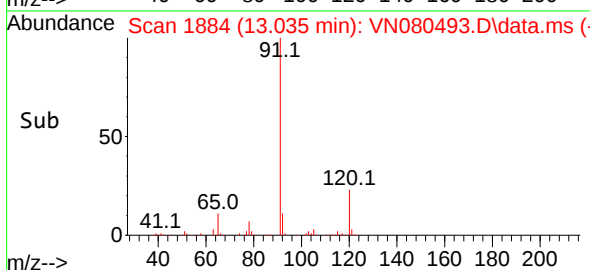
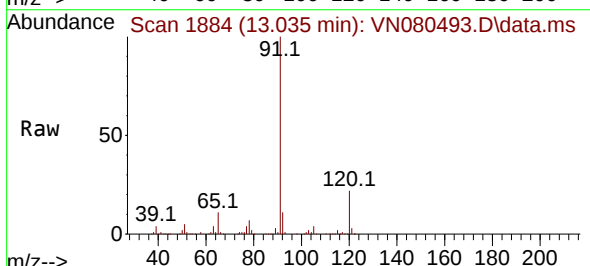
RT: 13.035 min Scan# 1884

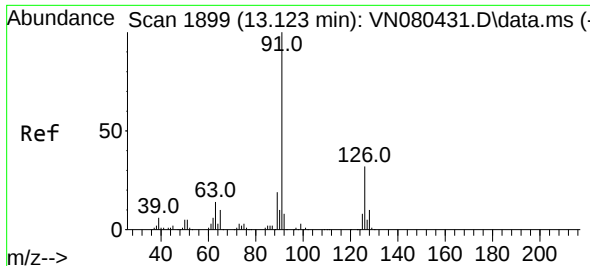
Delta R.T. 0.000 min

Lab File: VN080493.D

Acq: 14 Dec 2023 19:24

Tgt Ion: 91 Resp: 747939
 Ion Ratio Lower Upper
 91 100
 120 22.4 11.5 34.4





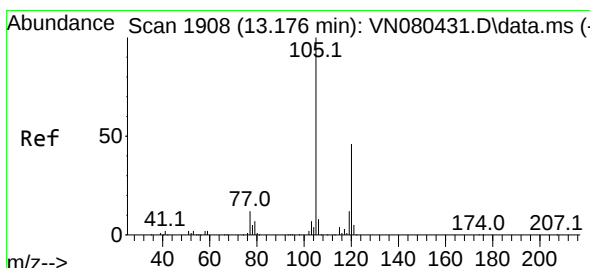
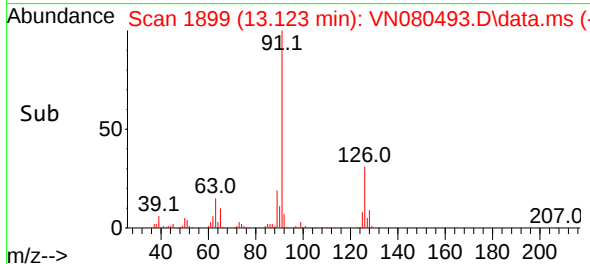
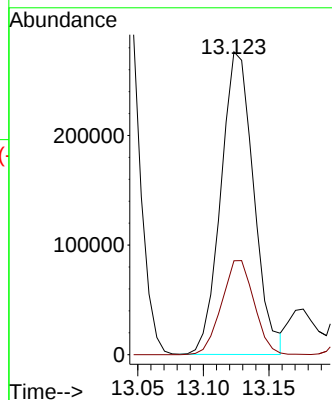
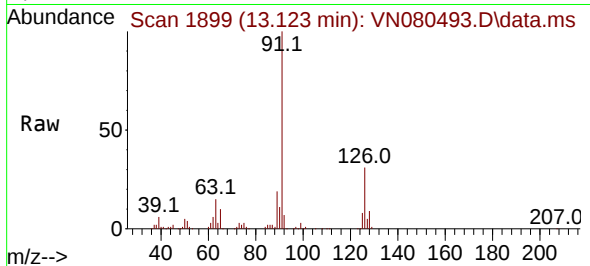
#79
2-Chlorotoluene
Concen: 47.858 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 480832
Ion Ratio Lower Upper
91 100
126 30.8 16.3 48.8

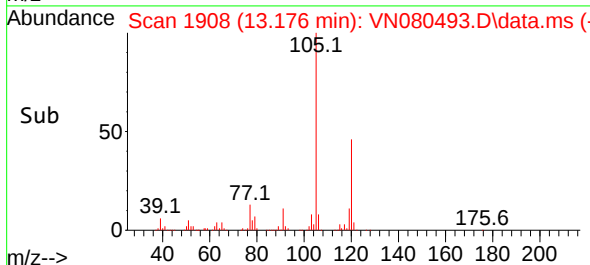
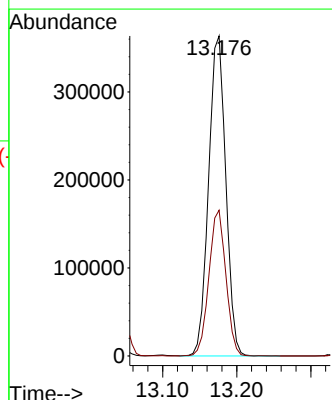
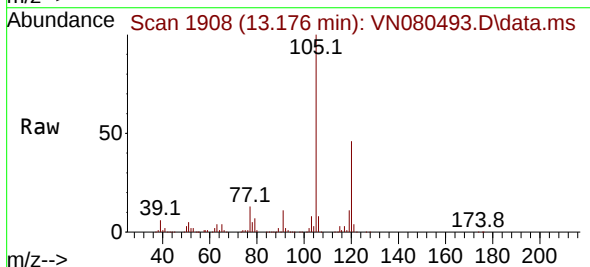
Manual Integrations
APPROVED

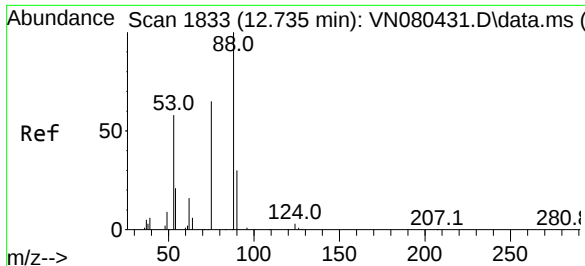
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.742 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

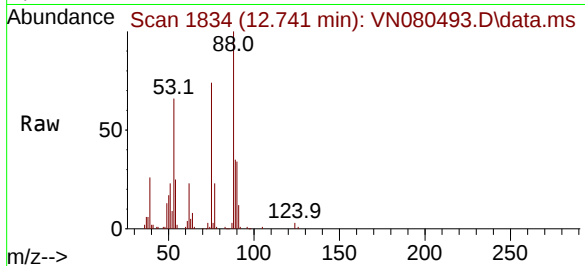
Tgt Ion:105 Resp: 585934
Ion Ratio Lower Upper
105 100
120 45.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 43.231 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

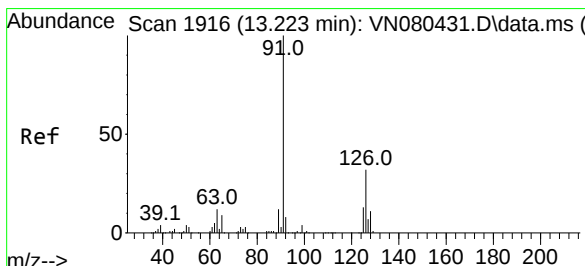
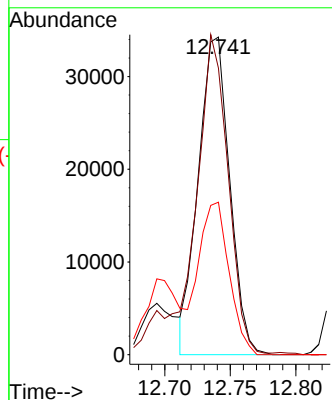
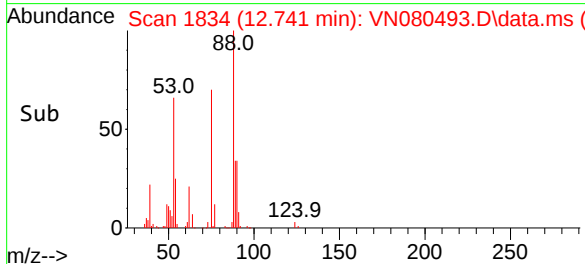
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 5707
Ion Ratio Lower Upper
75 100
53 110.5 67.4 101.2
89 45.7 38.8 58.2

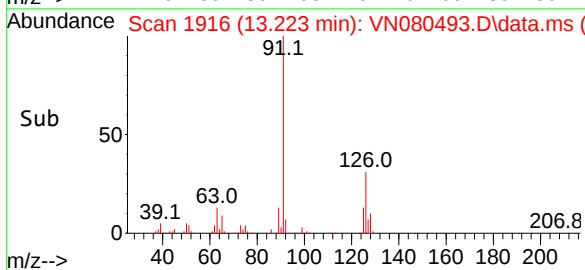
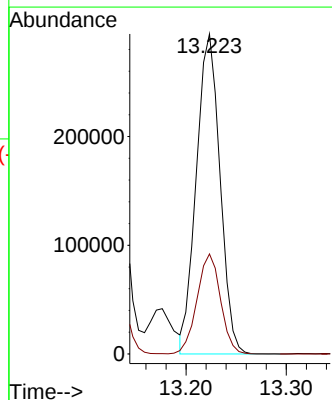
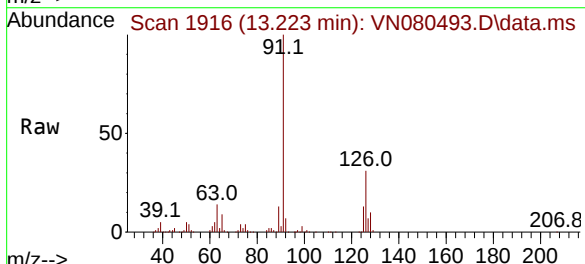
Manual Integrations
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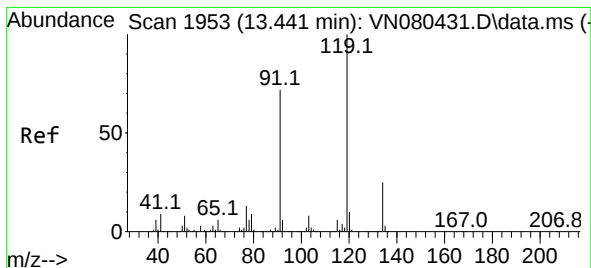
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#82
4-Chlorotoluene
Concen: 46.772 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

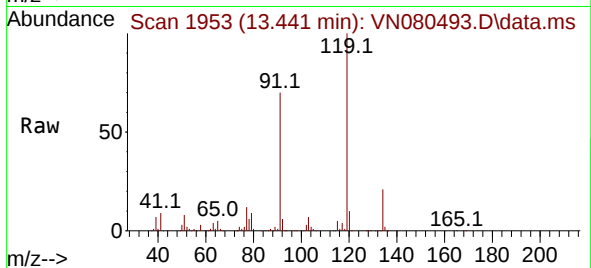
Tgt Ion: 91 Resp: 483019
Ion Ratio Lower Upper
91 100
126 31.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 47.726 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

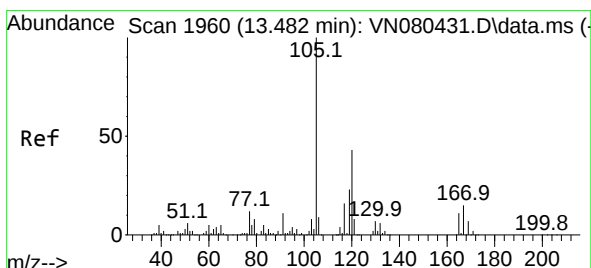
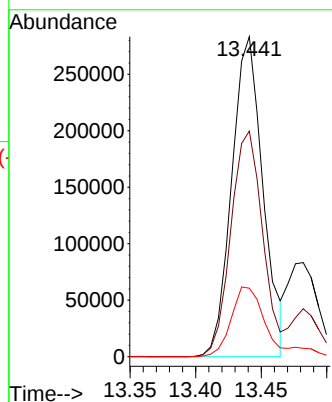
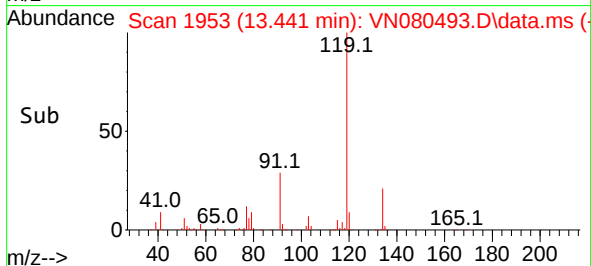
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



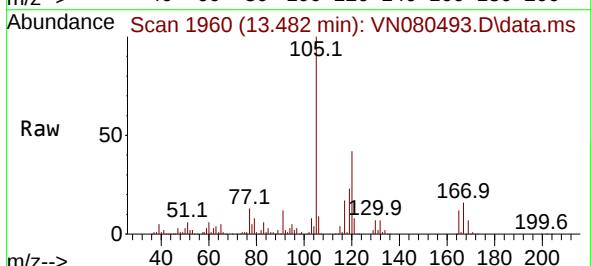
Tgt Ion:119 Resp: 469850
Ion Ratio Lower Upper
119 100
91 71.6 33.9 101.7
134 22.9 13.2 39.6

Manual Integrations
APPROVED

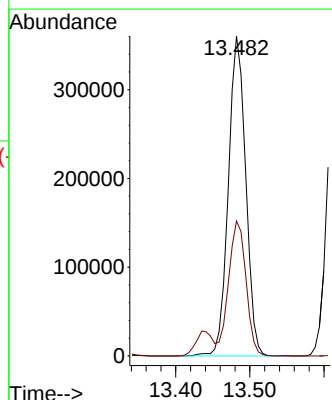
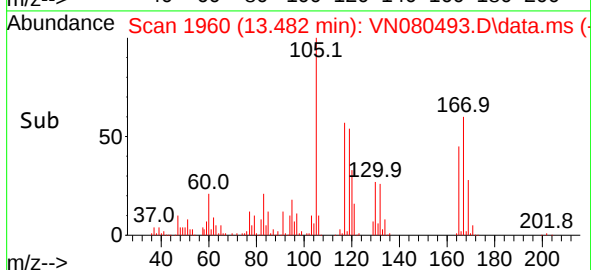
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

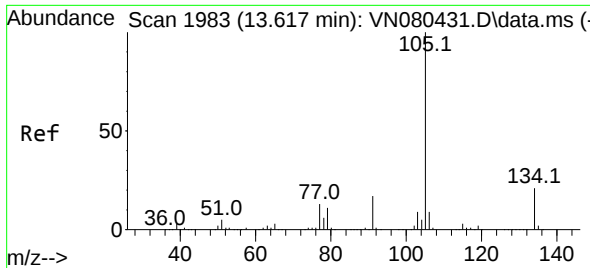


#84
1,2,4-Trimethylbenzene
Concen: 48.993 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24



Tgt Ion:105 Resp: 585902
Ion Ratio Lower Upper
105 100
120 42.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 47.660 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080493.D
 Acq: 14 Dec 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

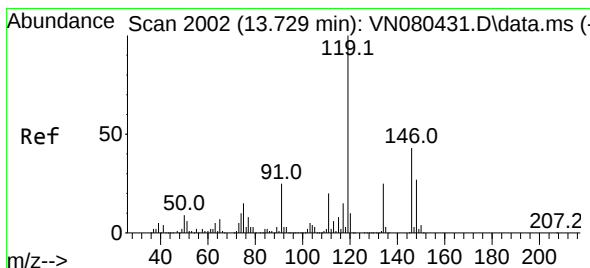
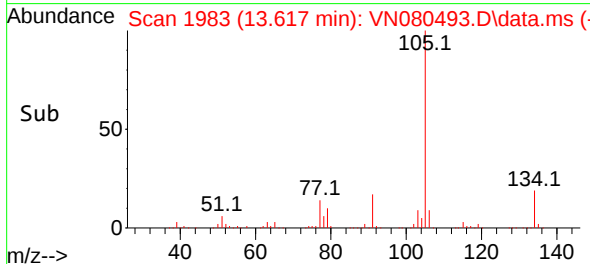
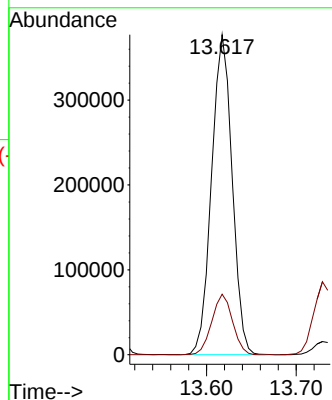
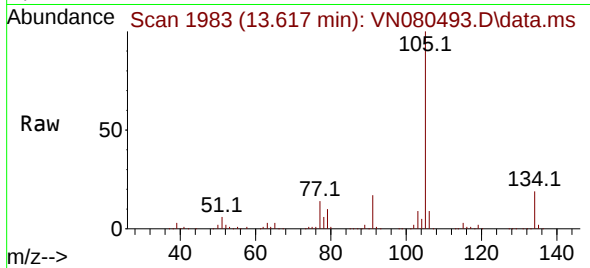
VSTDCCC050EC

Tgt Ion:105 Resp: 600214
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3

Manual Integrations

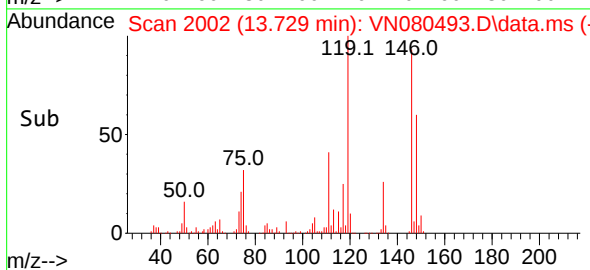
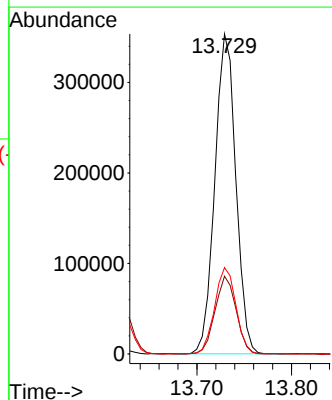
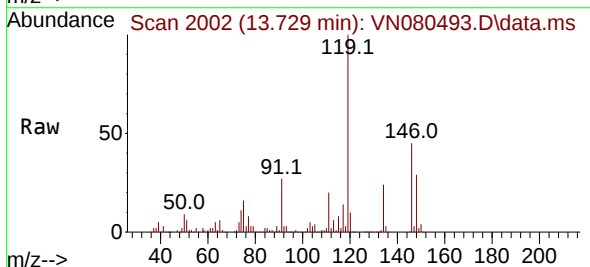
APPROVED

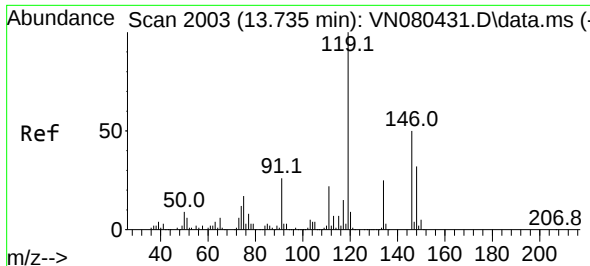
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#86
 p-Isopropyltoluene
 Concen: 47.785 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080493.D
 Acq: 14 Dec 2023 19:24

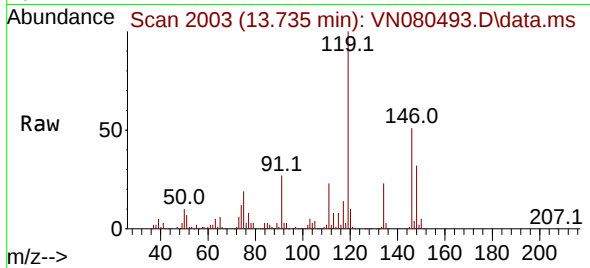
Tgt Ion:119 Resp: 543370
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.8
 91 27.5 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 45.910 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080493.D
 Acq: 14 Dec 2023 19:24

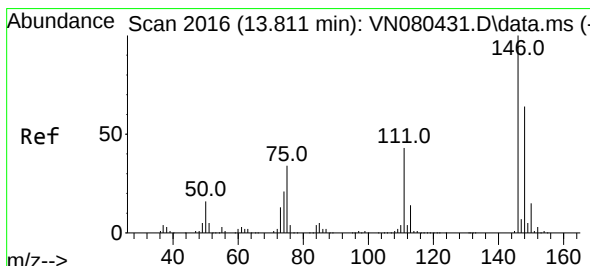
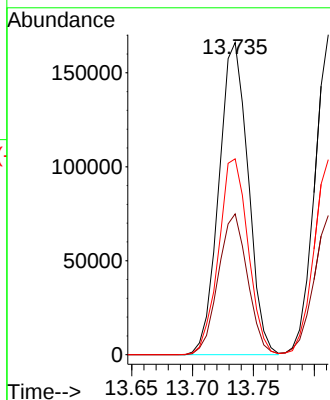
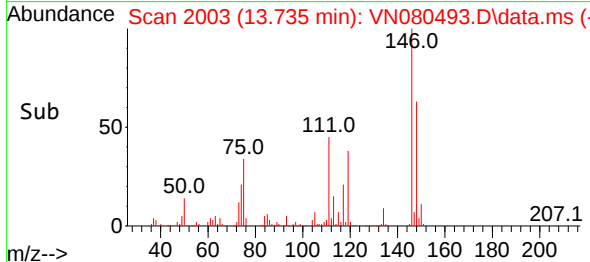
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



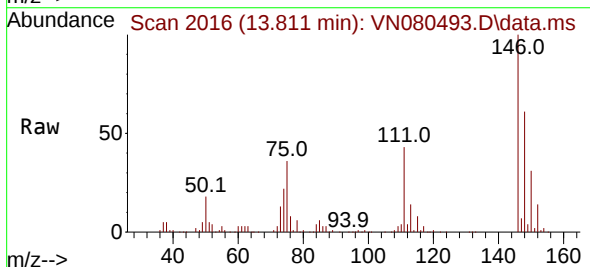
Tgt Ion:146 Resp: 277730
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.1 66.3
 148 63.3 32.0 96.0

Manual Integrations
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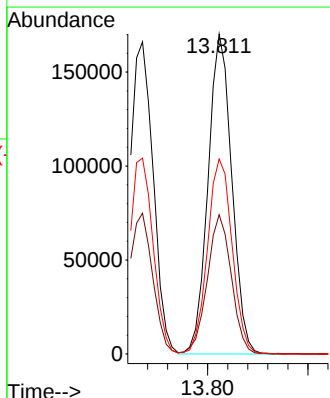
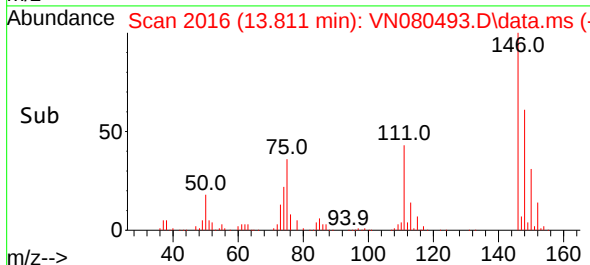
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023

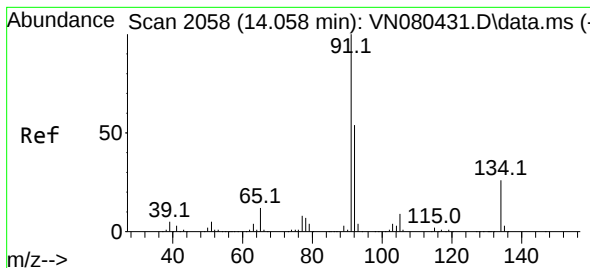


#88
 1,4-Dichlorobenzene
 Concen: 45.854 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN080493.D
 Acq: 14 Dec 2023 19:24



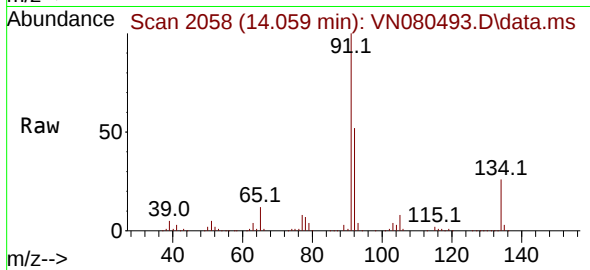
Tgt Ion:146 Resp: 280018
 Ion Ratio Lower Upper
 146 100
 111 44.3 20.6 61.8
 148 63.4 31.6 94.8





#89
n-Butylbenzene
Concen: 47.690 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

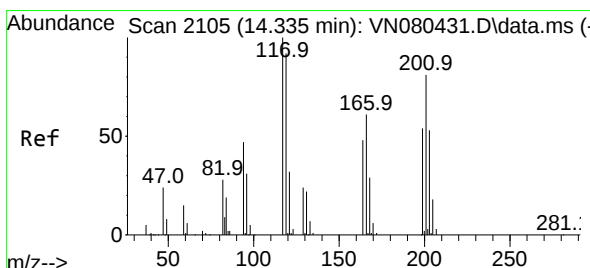
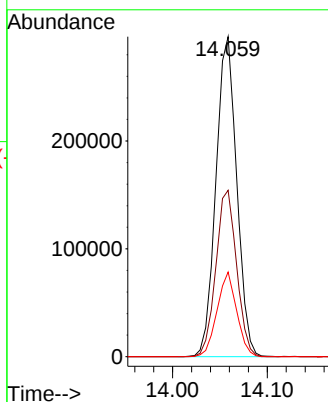
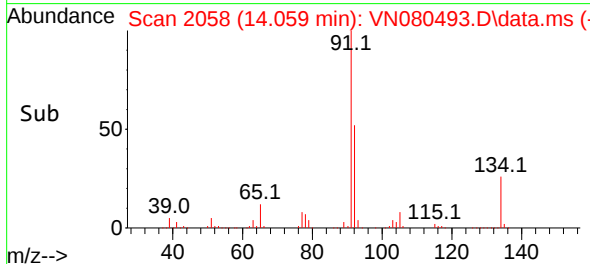
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 452860
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.0
134 25.0 12.6 37.6

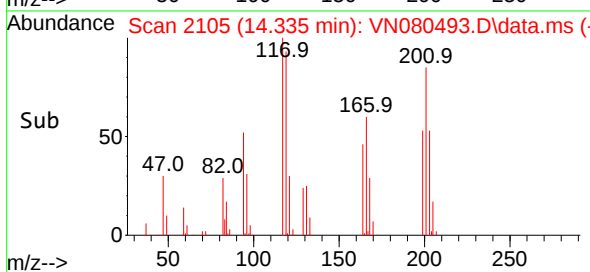
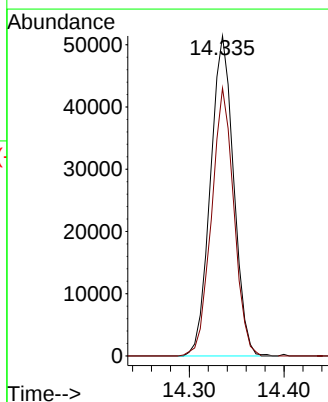
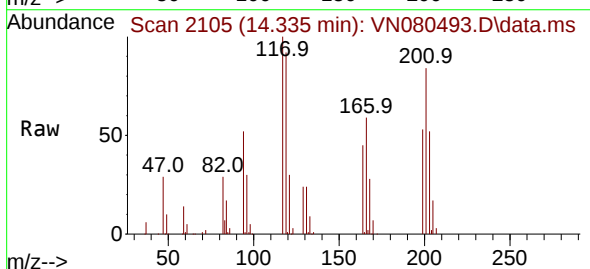
Manual Integrations
APPROVED

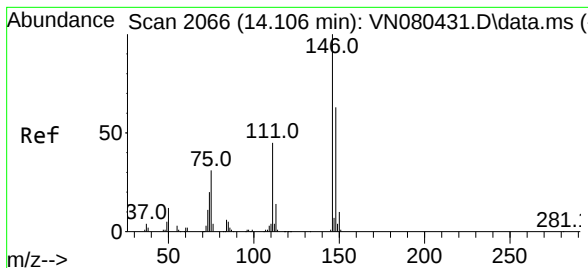
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#90
Hexachloroethane
Concen: 48.459 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

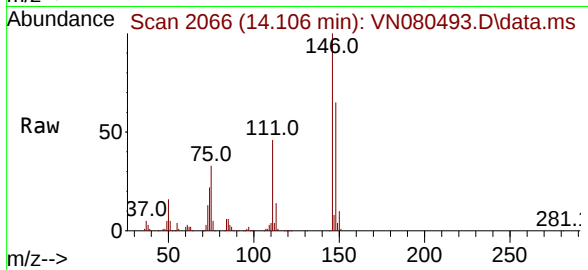
Tgt Ion:117 Resp: 87512
Ion Ratio Lower Upper
117 100
201 80.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 46.367 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

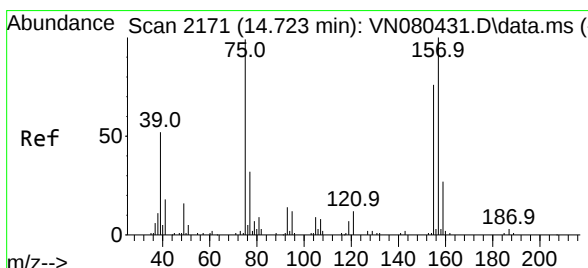
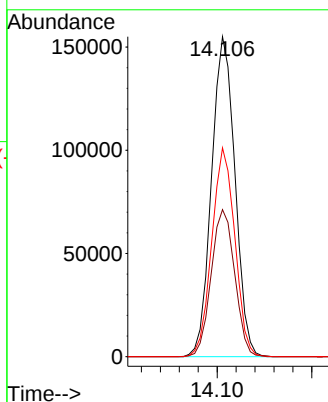
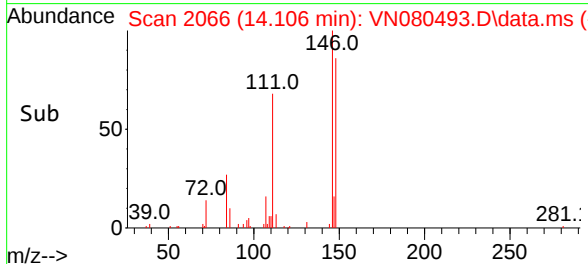
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



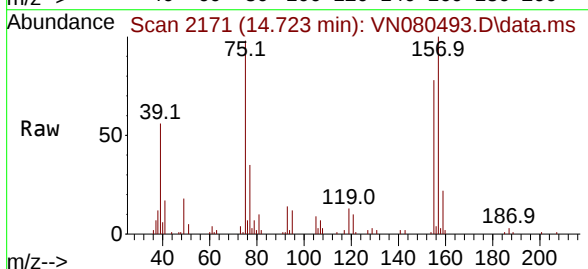
Tgt Ion:146 Resp: 266359
Ion Ratio Lower Upper
146 100
111 46.2 22.0 66.0
148 64.2 31.8 95.3

Manual Integrations
APPROVED

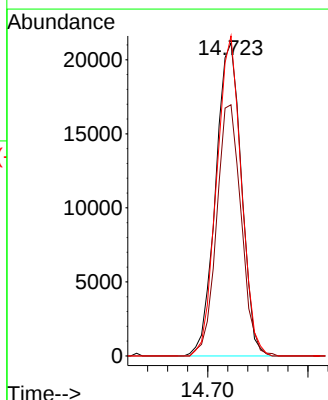
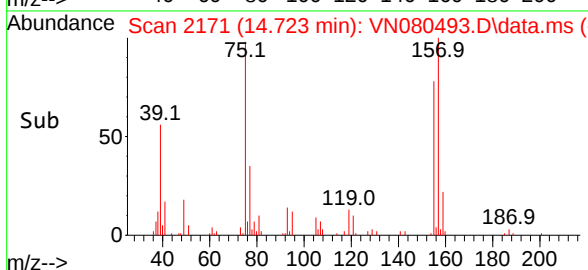
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

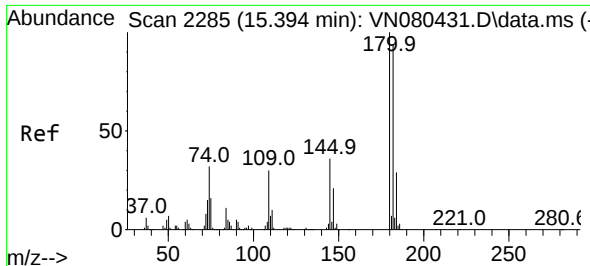


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.735 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24



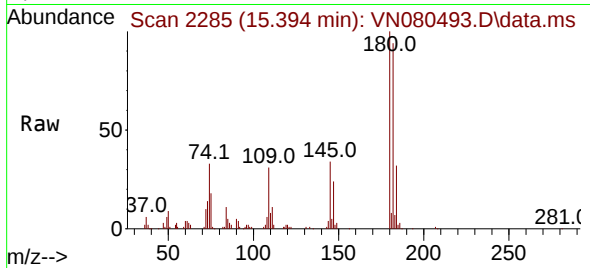
Tgt Ion: 75 Resp: 37554
Ion Ratio Lower Upper
75 100
155 76.7 39.1 117.2
157 97.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 47.817 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

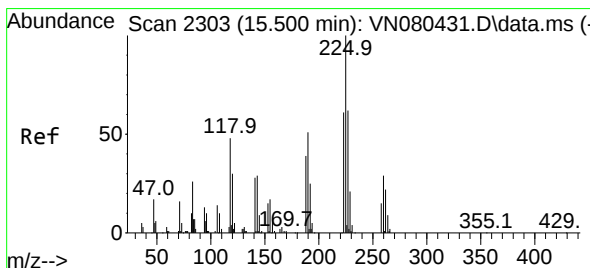
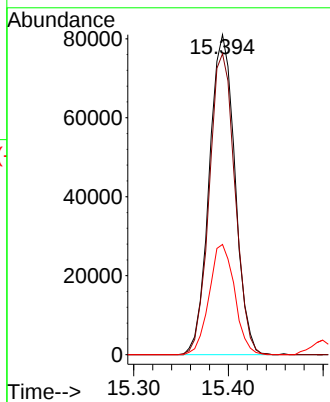
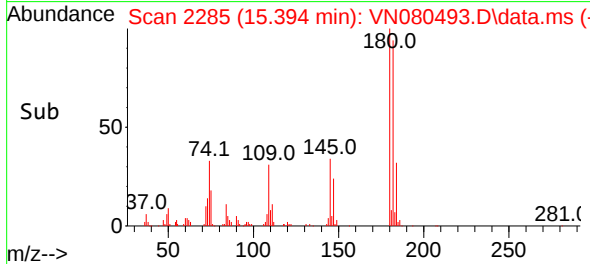
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 15251
Ion Ratio Lower Upper
180 100
182 94.0 46.1 138.2
145 34.2 16.6 49.8

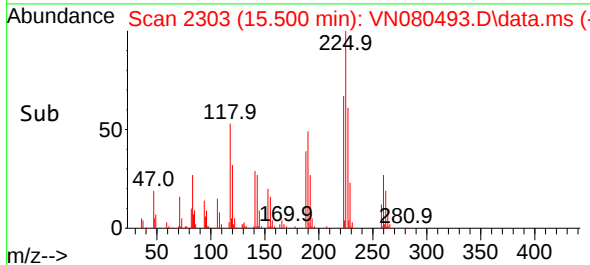
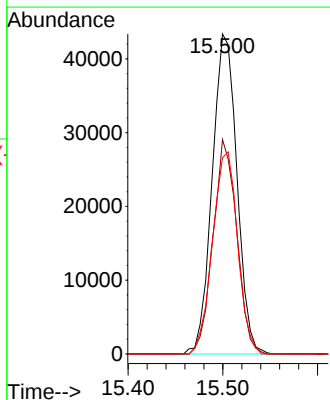
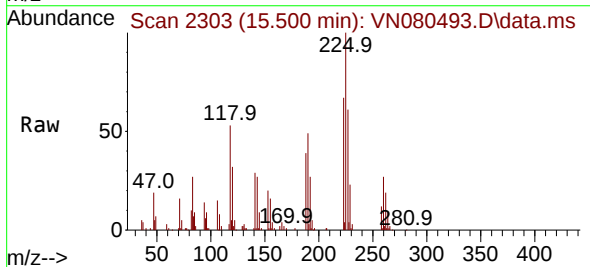
Manual Integrations
APPROVED

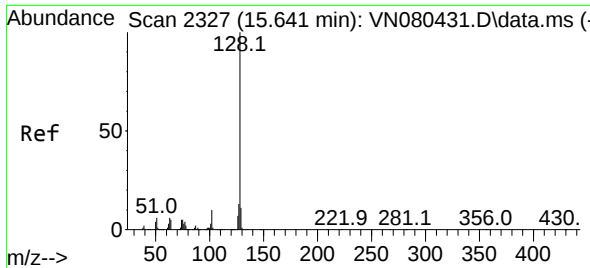
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#94
Hexachlorobutadiene
Concen: 43.251 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

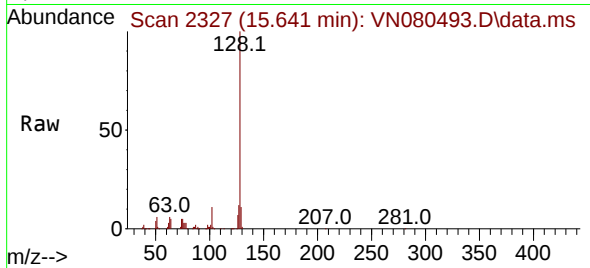
Tgt Ion:225 Resp: 78535
Ion Ratio Lower Upper
225 100
223 64.3 31.3 93.8
227 64.2 31.9 95.9





#95
Naphthalene
Concen: 46.219 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24

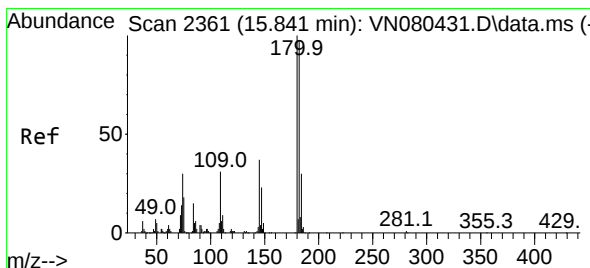
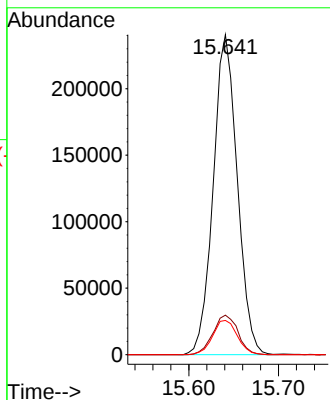
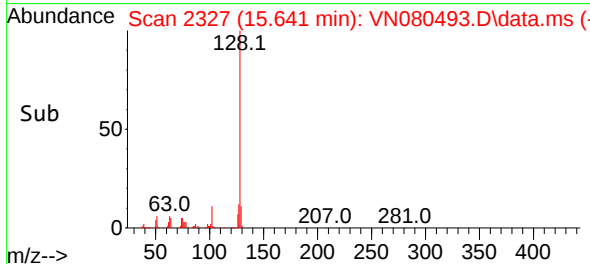
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



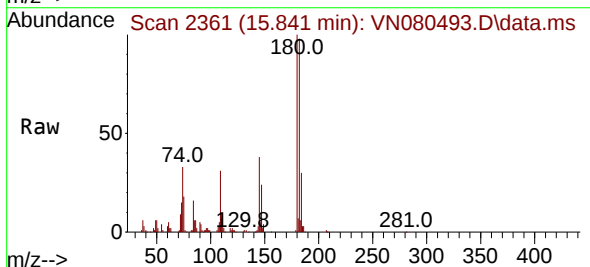
Tgt Ion:128 Resp: 447640
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.688 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080493.D
Acq: 14 Dec 2023 19:24



Tgt Ion:180 Resp: 143697
Ion Ratio Lower Upper
180 100
182 96.4 46.2 138.6
145 36.6 17.5 52.6

