

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081523\
 Data File : VN078882.D
 Acq On : 15 Aug 2023 11:25
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/16/2023
 Supervised By : Mahesh Dadoda 08/16/2023

Quant Time: Aug 16 02:17:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:16:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	184958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	326853	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	302785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	274040	95.215	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 190.440%#			
35) Dibromofluoromethane	8.171	113	212354	96.516	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 193.040%#			
50) Toluene-d8	10.571	98	837793	102.551	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 205.100%#			
62) 4-Bromofluorobenzene	12.853	95	289743	108.506	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 217.020%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	221442	86.286	ug/l	96
3) Chloromethane	2.365	50	302128	84.318	ug/l	100
4) Vinyl Chloride	2.512	62	285464	90.842	ug/l	99
5) Bromomethane	2.918	94	154772	85.785	ug/l	96
6) Chloroethane	3.101	64	216317	99.467	ug/l	96
7) Trichlorofluoromethane	3.483	101	345890	90.372	ug/l	98
8) Diethyl Ether	3.959	74	135598	93.452	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.371	101	186454	91.468	ug/l	98
10) Methyl Iodide	4.589	142	215544	94.507	ug/l	95
11) Tert butyl alcohol	5.536	59	209218	433.208	ug/l #	86
12) 1,1-Dichloroethene	4.342	96	182563	91.940	ug/l	86
13) Acrolein	4.177	56	95749	513.298	ug/l	98
14) Allyl chloride	5.024	41	344523	87.175	ug/l #	89
15) Acrylonitrile	5.724	53	607564	464.377	ug/l	98
16) Acetone	4.430	43	531439	447.509	ug/l	91
17) Carbon Disulfide	4.706	76	507102	91.234	ug/l	100
18) Methyl Acetate	5.024	43	446419	88.986	ug/l #	81
19) Methyl tert-butyl Ether	5.800	73	683166	95.511	ug/l #	91
20) Methylene Chloride	5.271	84	227005	89.699	ug/l #	77
21) trans-1,2-Dichloroethene	5.789	96	208087	93.453	ug/l #	79
22) Diisopropyl ether	6.677	45	803903	96.153	ug/l #	87
23) Vinyl Acetate	6.606	43	2676927	486.273	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	422820	92.573	ug/l	99
25) 2-Butanone	7.488	43	872461	458.234	ug/l #	76
26) 2,2-Dichloropropane	7.494	77	349917	94.779	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	250204	92.450	ug/l	85
28) Bromochloromethane	7.812	49	242272	99.994	ug/l #	72
29) Tetrahydrofuran	7.841	42	588730	467.163	ug/l #	71
30) Chloroform	7.965	83	433732	95.053	ug/l	93
31) Cyclohexane	8.259	56	344066	98.417	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	365435	93.923	ug/l	92
36) 1,1-Dichloropropene	8.377	75	323865	97.854	ug/l	95
37) Ethyl Acetate	7.565	43	366416	98.950	ug/l #	88
38) Carbon Tetrachloride	8.365	117	318482	96.038	ug/l	98
39) Methylcyclohexane	9.606	83	295180	96.974	ug/l #	88
40) Benzene	8.612	78	944035	96.501	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	190412	94.413	ug/l #	81
42) 1,2-Dichloroethane	8.677	62	347955	95.205	ug/l	98
43) Isopropyl Acetate	8.694	43	608835	93.021	ug/l #	87
44) Trichloroethene	9.359	130	225722	97.108	ug/l	94
45) 1,2-Dichloropropane	9.624	63	252900	97.099	ug/l	100
46) Dibromomethane	9.712	93	169550	94.908	ug/l	97
47) Bromodichloromethane	9.894	83	347126	98.402	ug/l	99
48) Methyl methacrylate	9.688	41	290619	97.987	ug/l #	76
49) 1,4-Dioxane	9.700	88	98074	1941.356	ug/l #	85
51) 4-Methyl-2-Pentanone	10.453	43	1890346	486.961	ug/l #	86
52) Toluene	10.635	92	604508	100.648	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	389099	102.854	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	413389	100.334	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	236475	98.194	ug/l	96
56) Ethyl methacrylate	10.877	69	387385	103.770	ug/l #	74
57) 1,3-Dichloropropane	11.171	76	421825	97.929	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	922578	514.835	ug/l	89
59) 2-Hexanone	11.200	43	1385233	492.672	ug/l	85
60) Dibromochloromethane	11.365	129	257587	101.643	ug/l	98
61) 1,2-Dibromoethane	11.471	107	241284	98.593	ug/l	97
64) Tetrachloroethene	11.106	164	180938	95.290	ug/l	97
65) Chlorobenzene	11.894	112	621243	96.388	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	238166	97.780	ug/l	97
67) Ethyl Benzene	11.971	91	1166551	99.529	ug/l	99
68) m/p-Xylenes	12.076	106	885088	201.975	ug/l	96
69) o-Xylene	12.400	106	429930	100.855	ug/l	95
70) Styrene	12.418	104	738241	103.860	ug/l	98
71) Bromoform	12.582	173	182272	102.933	ug/l #	100
73) Isopropylbenzene	12.700	105	1084929	90.187	ug/l	99
74) N-amyl acetate	12.500	43	557376	91.792	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	365572	84.163	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	294933m	55.096	ug/l	
77) Bromobenzene	12.982	156	259282	89.668	ug/l	96
78) n-propylbenzene	13.041	91	1298057	93.053	ug/l	99
79) 2-Chlorotoluene	13.129	91	774302	89.482	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	877780	92.077	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	124052	91.160	ug/l #	84
82) 4-Chlorotoluene	13.223	91	792274	93.573	ug/l	100
83) tert-Butylbenzene	13.441	119	707421	88.319	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	891909	94.487	ug/l	98
85) sec-Butylbenzene	13.623	105	995899	90.347	ug/l	100
86) p-Isopropyltoluene	13.735	119	829513	94.189	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	469508	94.360	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	468302	94.033	ug/l	99
89) n-Butylbenzene	14.059	91	707943	97.678	ug/l	100
90) Hexachloroethane	14.335	117	153675	87.048	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	453847	91.720	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	66093	96.003	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	188503	107.461	ug/l	97
94) Hexachlorobutadiene	15.506	225	75488	98.631	ug/l	99
95) Naphthalene	15.647	128	679836	99.564	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	196274	102.161	ug/l	99

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ClientSampleId :
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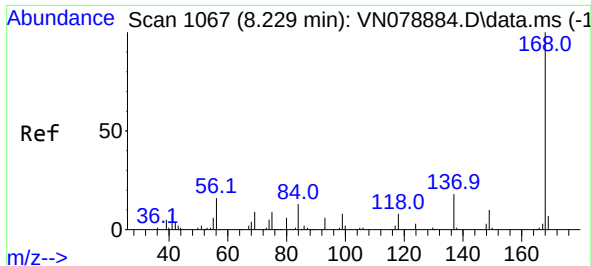
Manual Integrations
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QLast Update : Wed Aug 16 02:16:33 2023
Response via : Initial Calibration

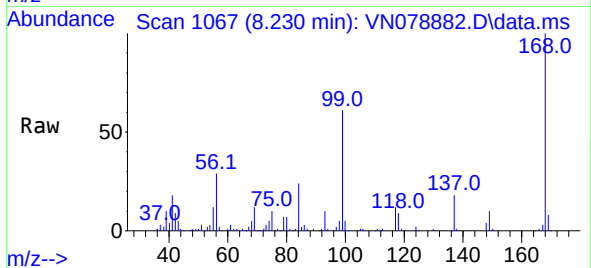
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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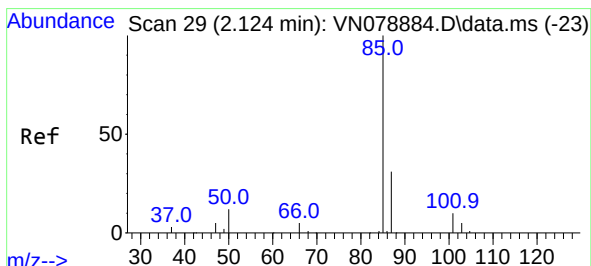
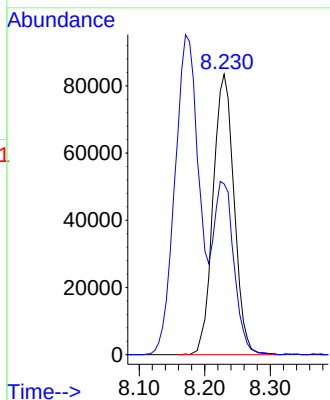
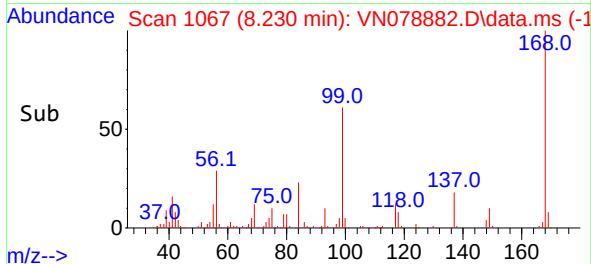
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



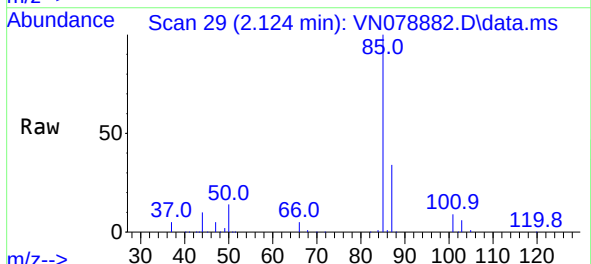
Tgt Ion:168 Resp: 184958
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6

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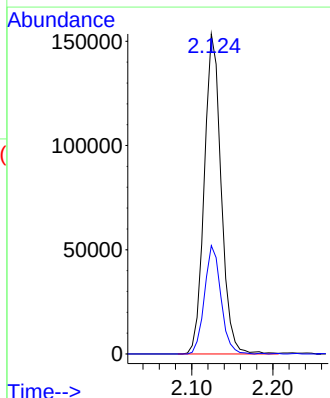
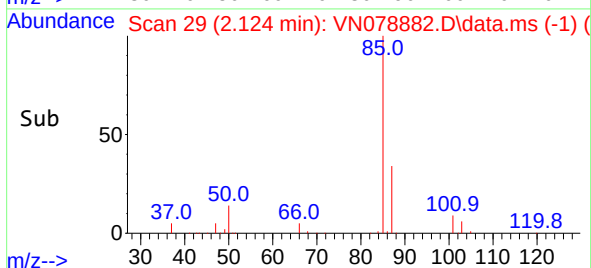
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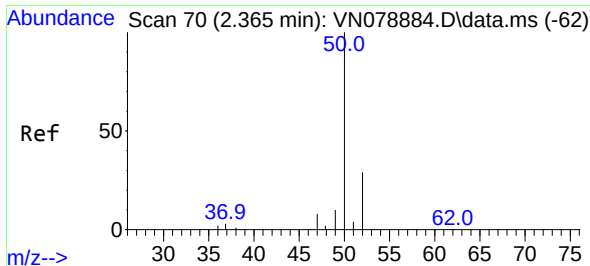


#2
Dichlorodifluoromethane
Concen: 86.286 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



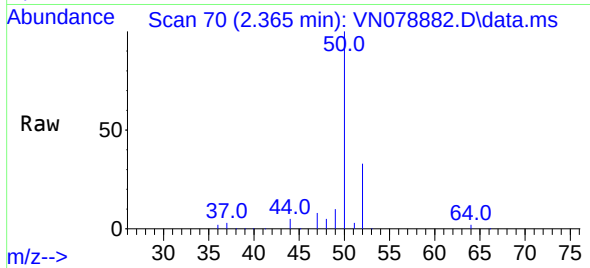
Tgt Ion: 85 Resp: 221442
Ion Ratio Lower Upper
85 100
87 33.9 15.8 47.4





#3
Chloromethane
Concen: 84.318 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

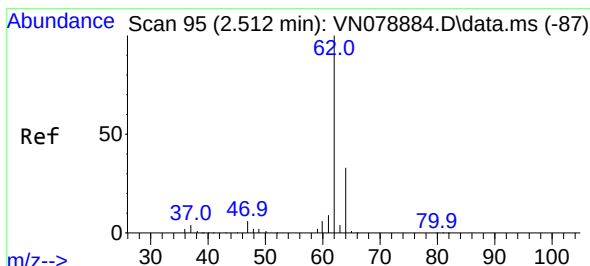
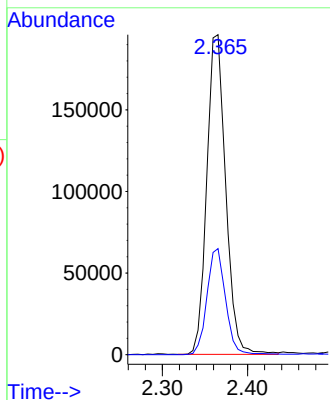
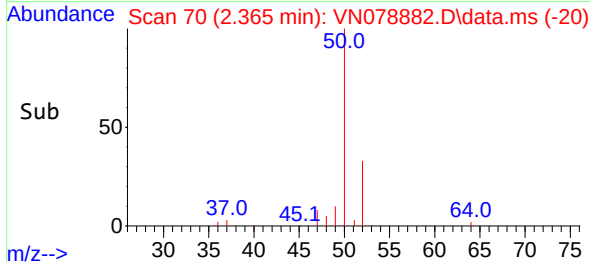
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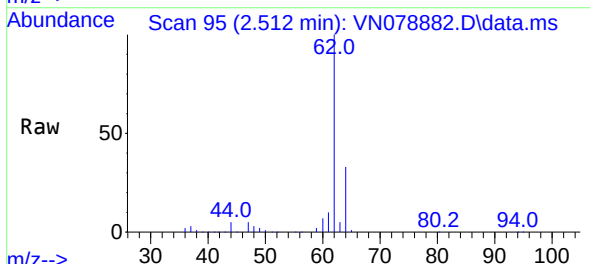
Tgt Ion: 50 Resp: 302128
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7

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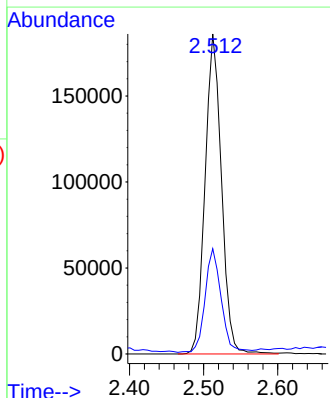
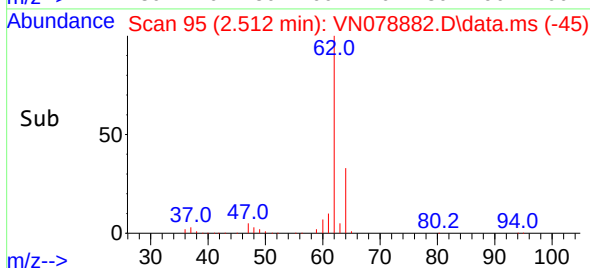
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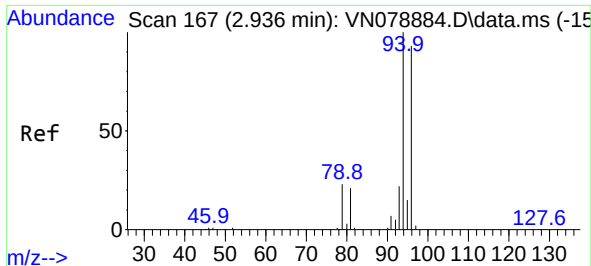


#4
Vinyl Chloride
Concen: 90.842 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN078882.D
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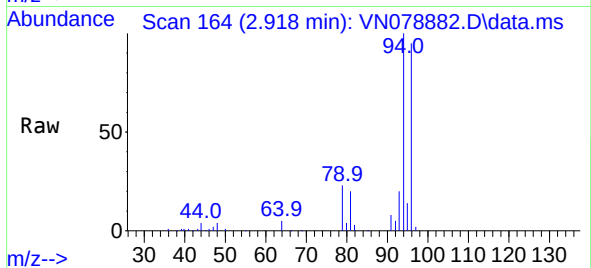
Tgt Ion: 62 Resp: 285464
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.2





#5
Bromomethane
Concen: 85.785 ug/l
RT: 2.918 min Scan# 10
Delta R.T. -0.030 min
Lab File: VN078882.D
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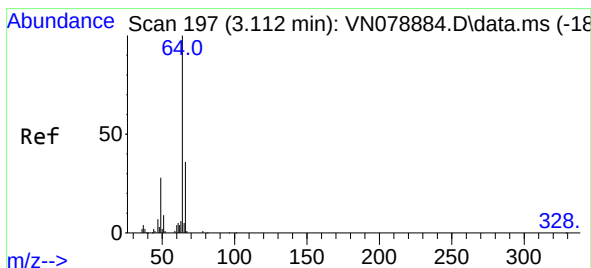
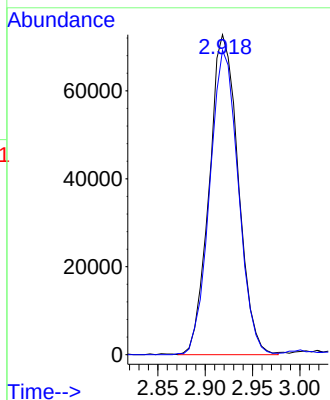
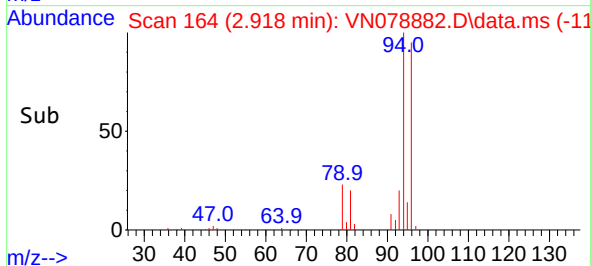
Instrument :
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Tgt Ion: 94 Resp: 154772
Ion Ratio Lower Upper
94 100
96 94.8 73.1 109.7

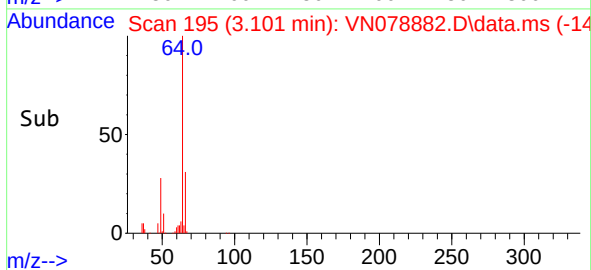
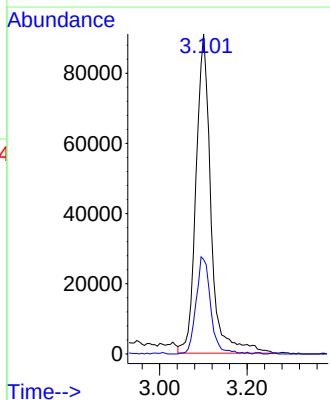
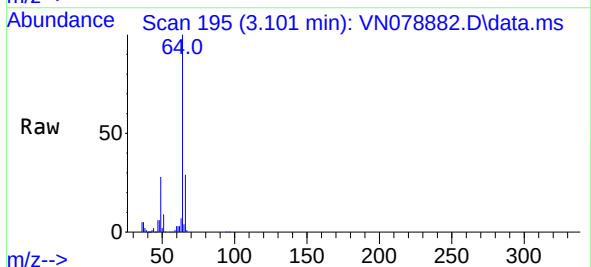
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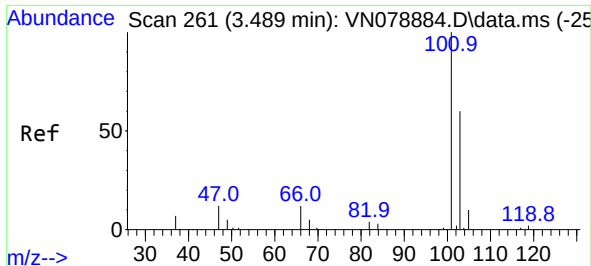
Reviewed By :John Carlone 08/16/2023
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#6
Chloroethane
Concen: 99.467 ug/l
RT: 3.101 min Scan# 195
Delta R.T. -0.017 min
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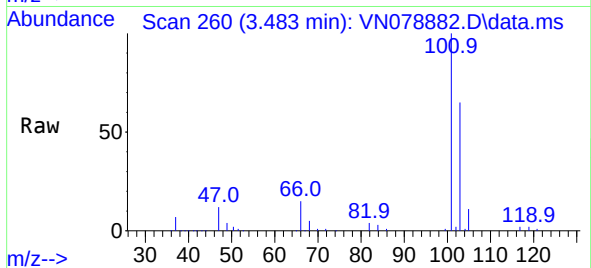
Tgt Ion: 64 Resp: 216317
Ion Ratio Lower Upper
64 100
66 29.6 25.4 38.2





#7
Trichlorofluoromethane
Concen: 90.372 ug/l
RT: 3.483 min Scan# 261
Delta R.T. -0.018 min
Lab File: VN078882.D
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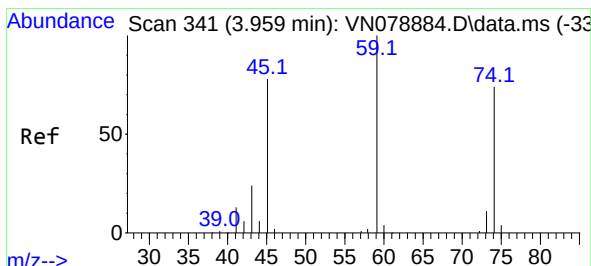
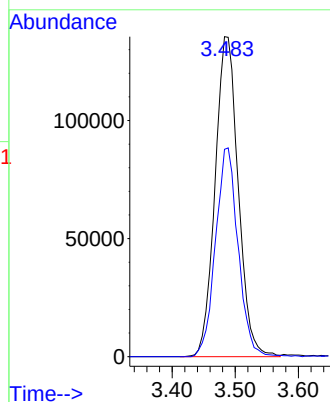
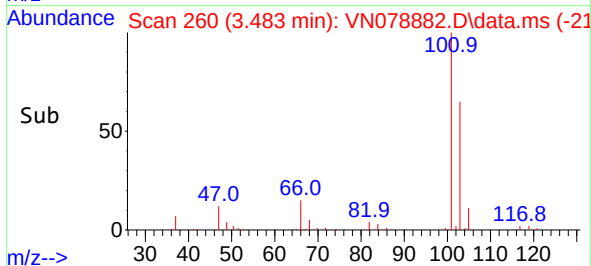
Instrument :
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ClientSampleId :
VSTDIC100



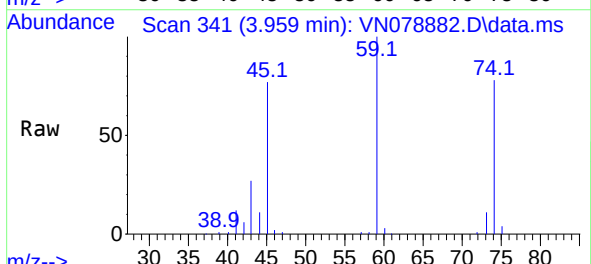
Tgt Ion:101 Resp: 345890
Ion Ratio Lower Upper
101 100
103 64.8 50.7 76.1

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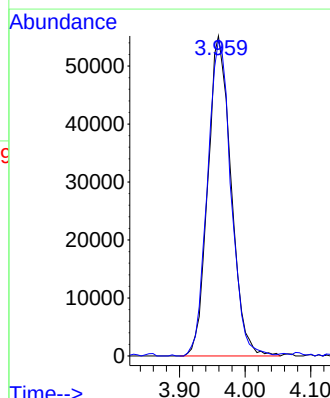
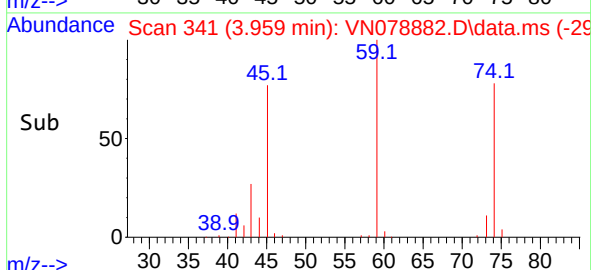
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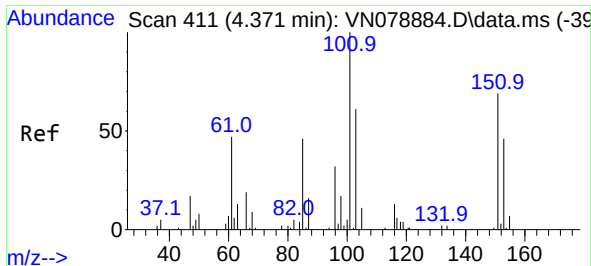


#8
Diethyl Ether
Concen: 93.452 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 135598
Ion Ratio Lower Upper
74 100
45 100.5 34.4 103.3





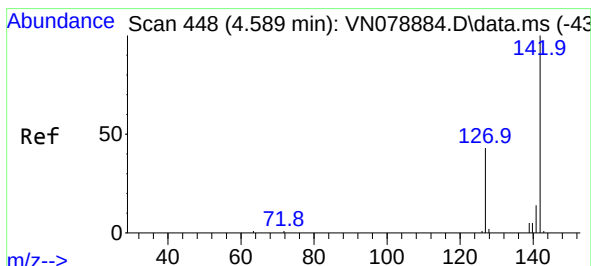
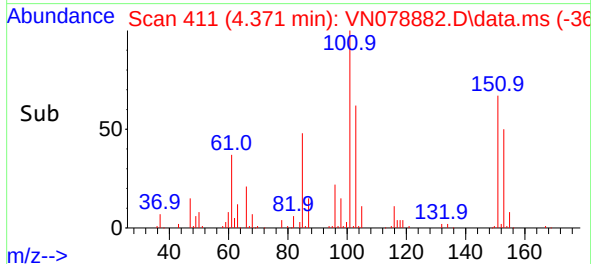
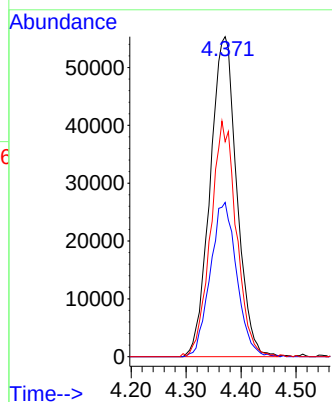
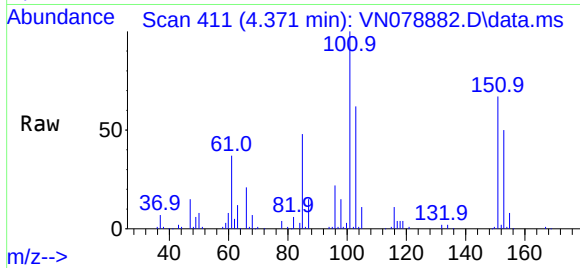
#9
1,1,2-Trichlorotrifluoroethane
Concen: 91.468 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 186454
Ion Ratio Lower Upper
101 100
85 47.8 36.6 55.0
151 71.2 57.6 86.4

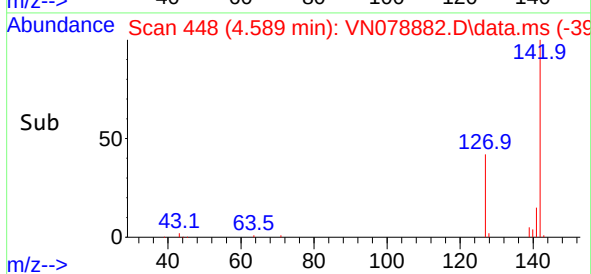
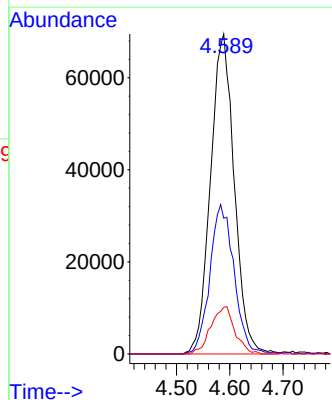
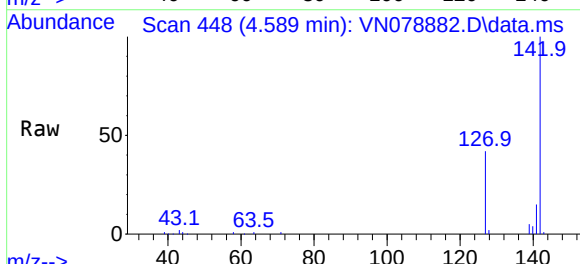
Manual Integrations
APPROVED

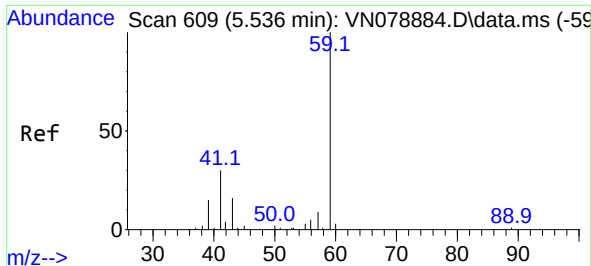
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#10
Methyl Iodide
Concen: 94.507 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

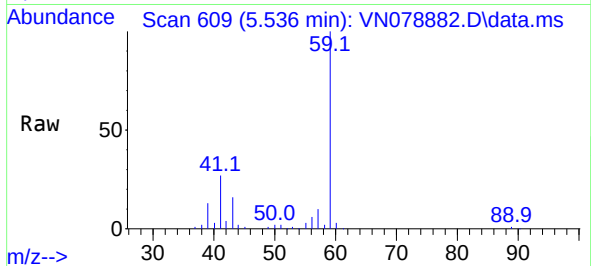
Tgt Ion:142 Resp: 215544
Ion Ratio Lower Upper
142 100
127 42.4 37.6 56.4
141 14.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 433.208 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

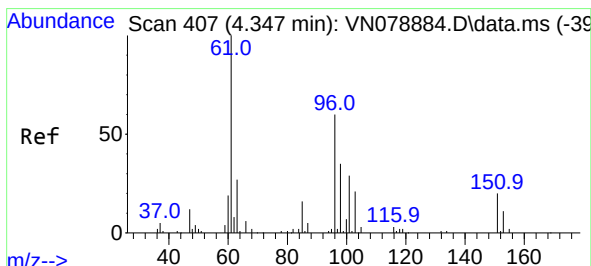
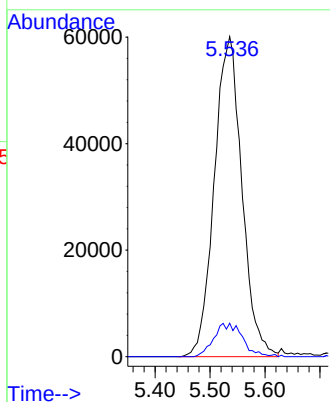
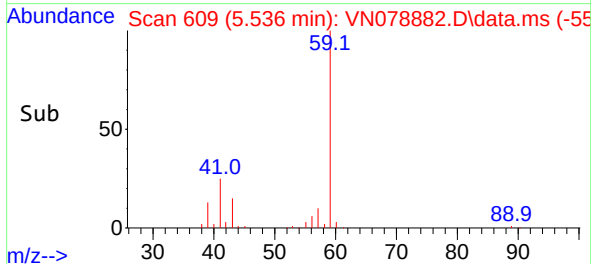
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



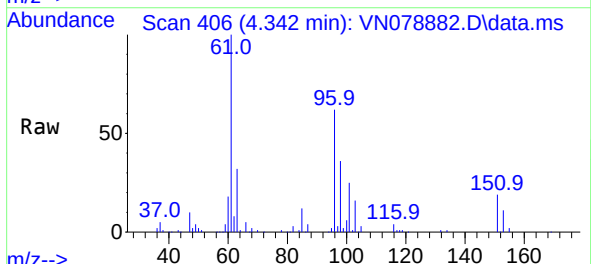
Tgt Ion: 59 Resp: 209218
Ion Ratio Lower Upper
59 100
57 5.2 8.2 12.4

Manual Integrations
APPROVED

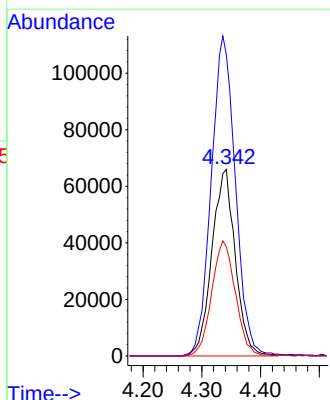
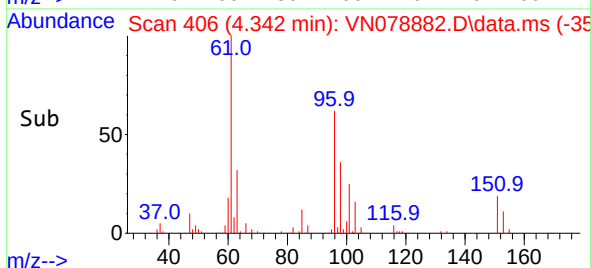
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

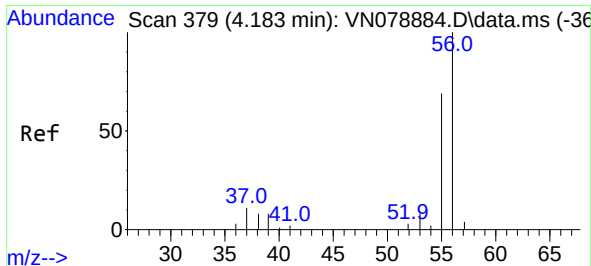


#12
1,1-Dichloroethene
Concen: 91.940 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



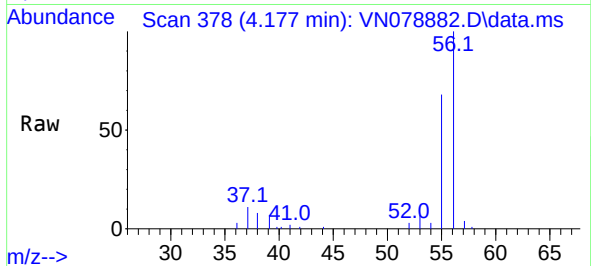
Tgt Ion: 96 Resp: 182563
Ion Ratio Lower Upper
96 100
61 161.3 112.7 169.1
98 58.5 51.2 76.8





#13
Acrolein
Concen: 513.298 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

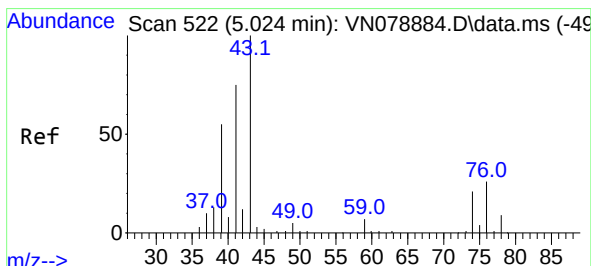
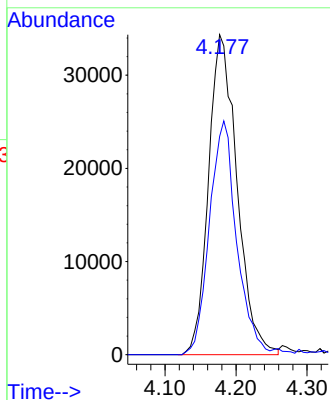
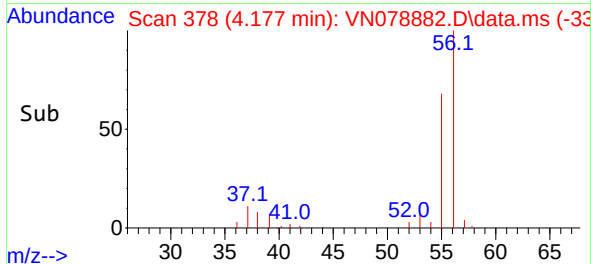
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



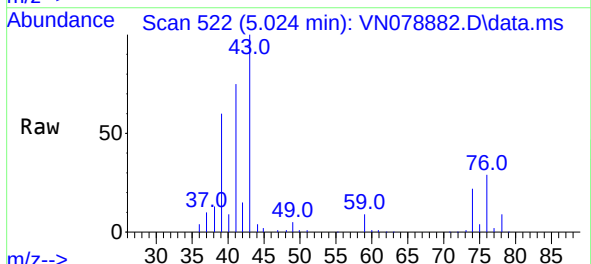
Tgt Ion: 56 Resp: 95749
Ion Ratio Lower Upper
56 100
55 69.5 54.5 81.7

Manual Integrations
APPROVED

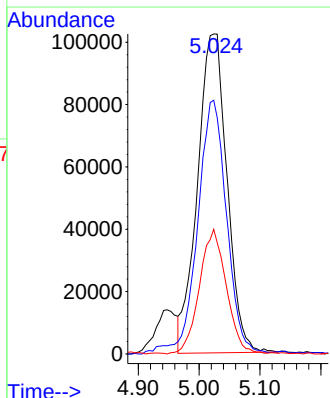
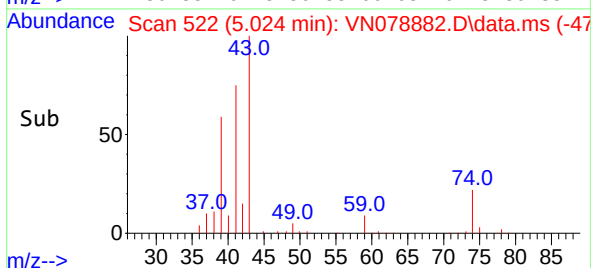
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

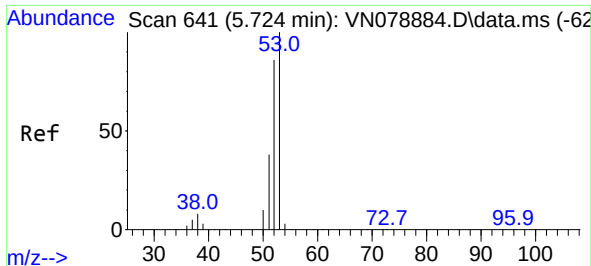


#14
Allyl chloride
Concen: 87.175 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



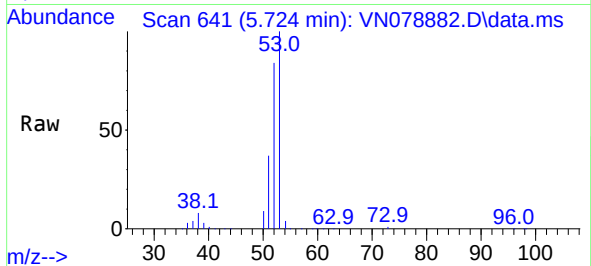
Tgt Ion: 41 Resp: 344523
Ion Ratio Lower Upper
41 100
39 78.6 58.8 88.2
76 35.7 39.1 58.7#





#15
Acrylonitrile
Concen: 464.377 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

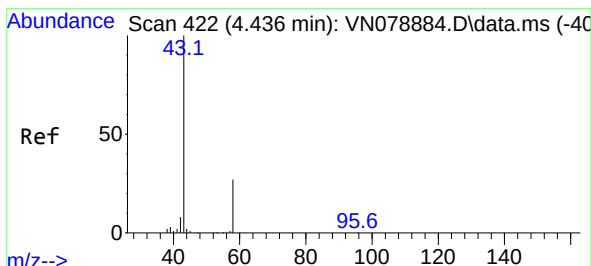
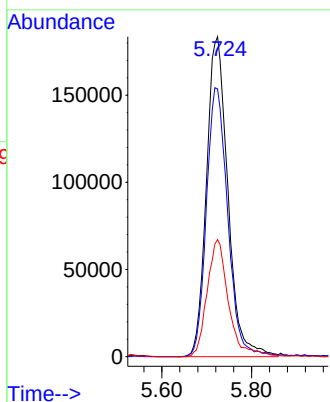
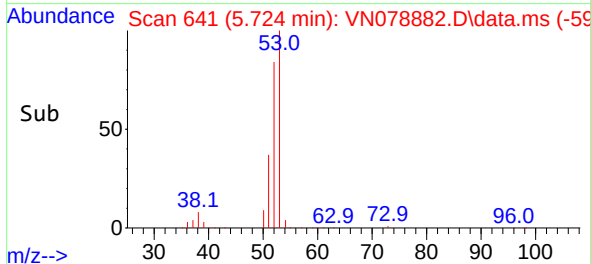
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



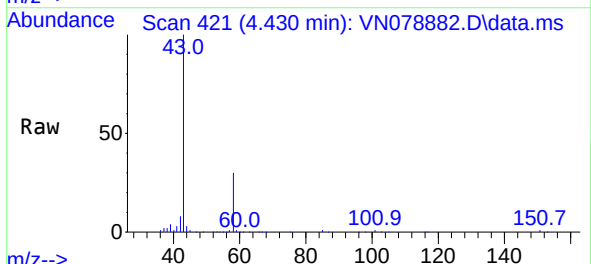
Tgt Ion: 53 Resp: 607564
Ion Ratio Lower Upper
53 100
52 84.1 65.3 97.9
51 36.6 28.9 43.3

Manual Integrations
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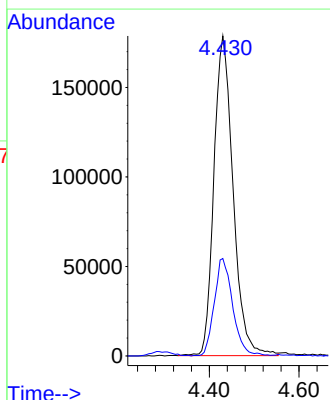
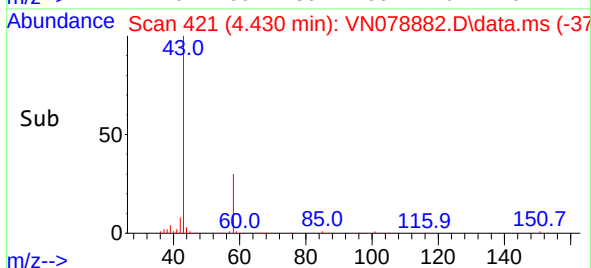
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

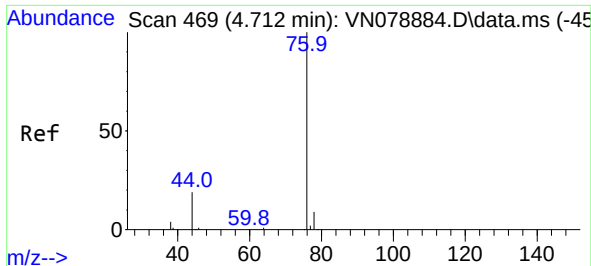


#16
Acetone
Concen: 447.509 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



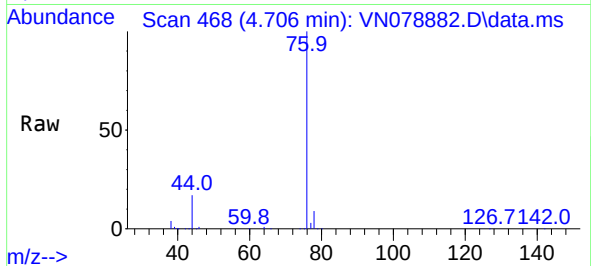
Tgt Ion: 43 Resp: 531439
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0





#17
Carbon Disulfide
Concen: 91.234 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.018 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

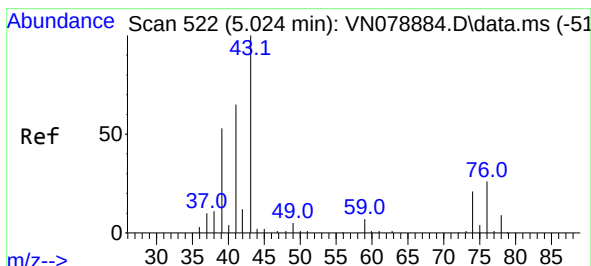
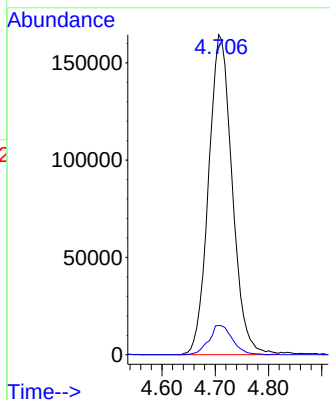
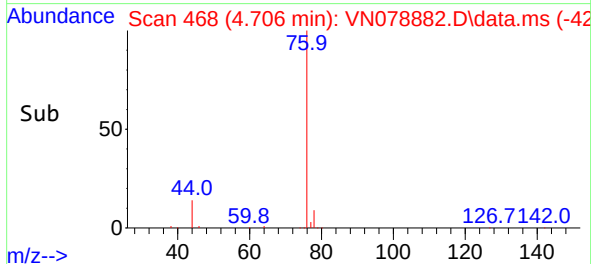
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



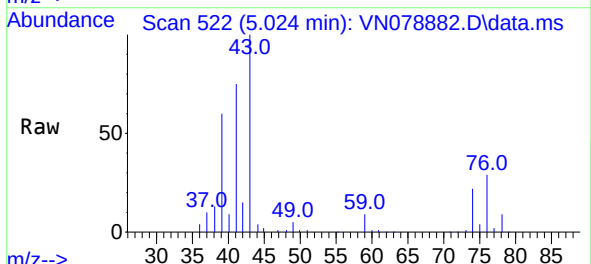
Tgt Ion: 76 Resp: 50710
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

Manual Integrations
APPROVED

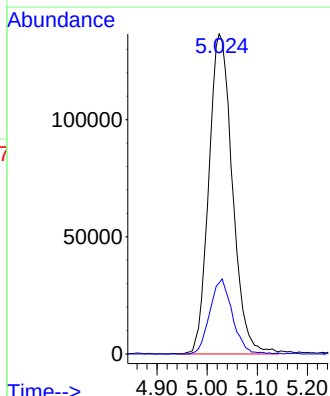
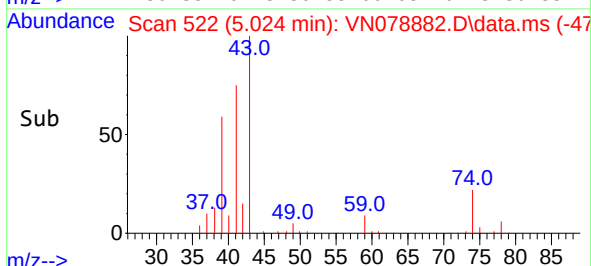
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

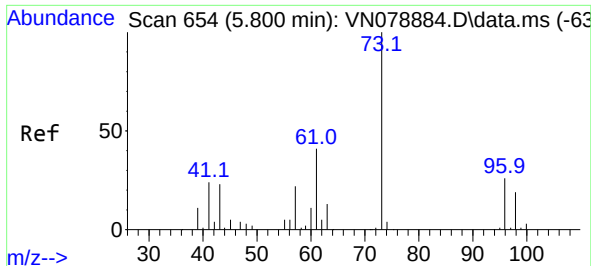


#18
Methyl Acetate
Concen: 88.986 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



Tgt Ion: 43 Resp: 446419
Ion Ratio Lower Upper
43 100
74 22.4 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 95.511 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

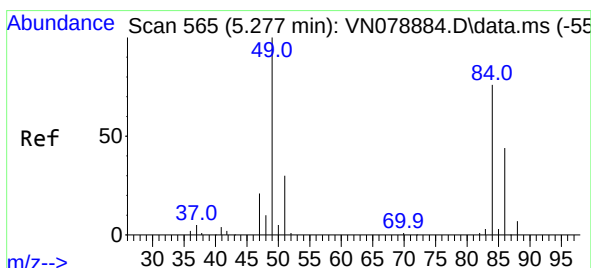
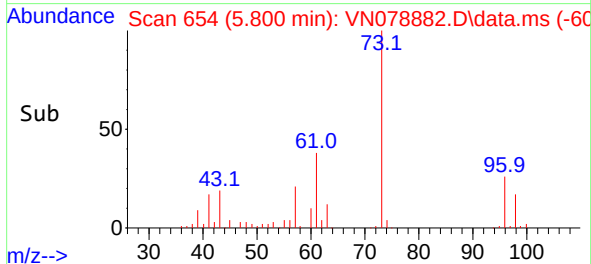
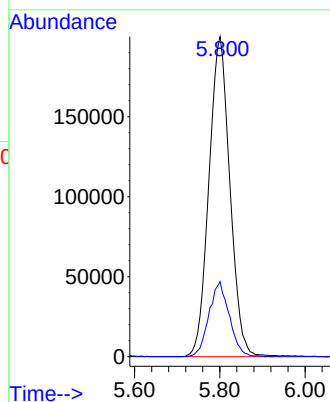
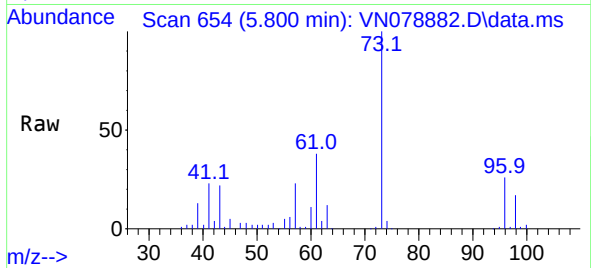
VSTDICC100

Tgt Ion: 73 Resp: 68316
Ion Ratio Lower Upper
73 100
57 23.4 15.6 23.4

Manual Integrations

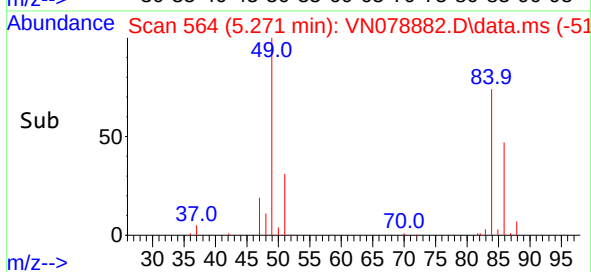
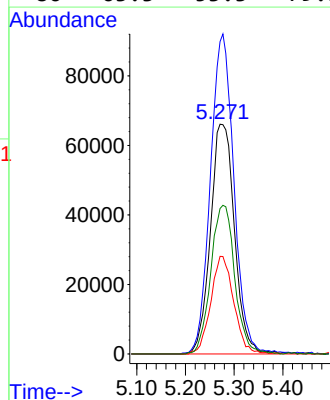
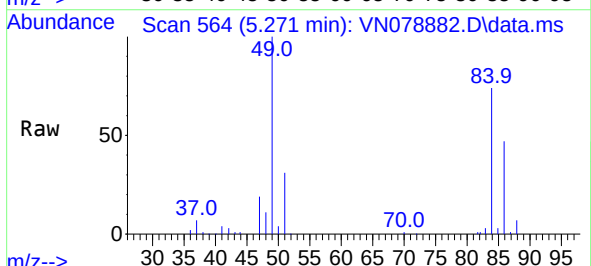
APPROVED

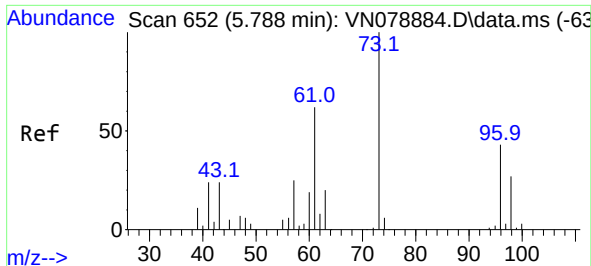
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#20
Methylene Chloride
Concen: 89.699 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Tgt Ion: 84 Resp: 227005
Ion Ratio Lower Upper
84 100
49 136.0 79.7 119.5#
51 42.5 25.2 37.8#
86 63.3 53.3 79.9





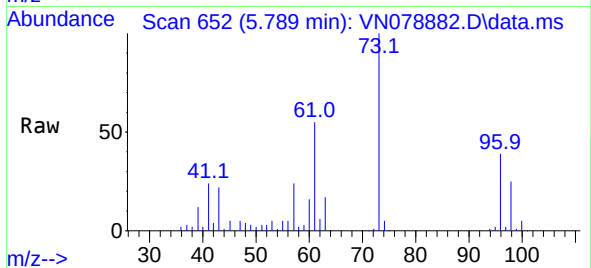
#21
trans-1,2-Dichloroethene
Concen: 93.453 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

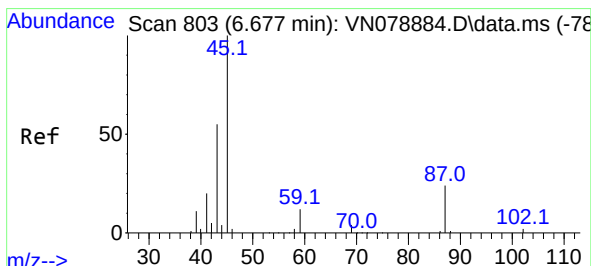
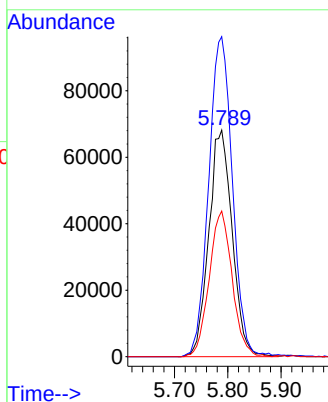
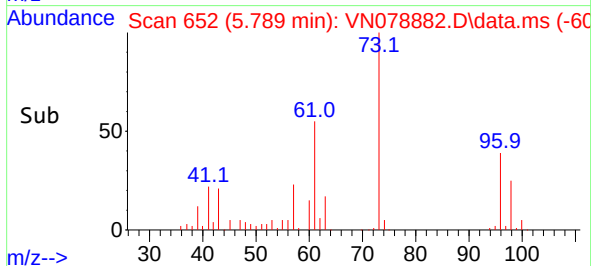


Tgt Ion: 96 Resp: 20808
Ion Ratio Lower Upper
96 100
61 141.3 90.1 135.1
98 64.3 46.4 69.6

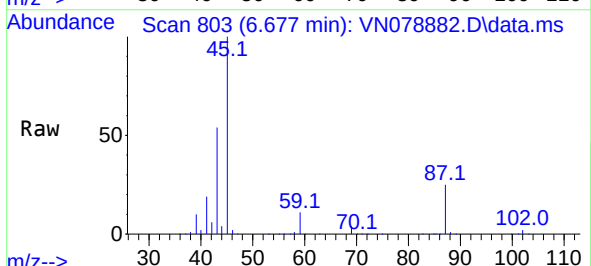
Manual Integrations

APPROVED

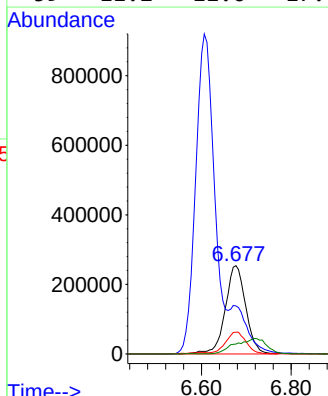
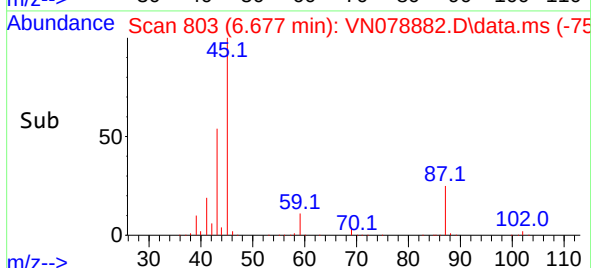
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

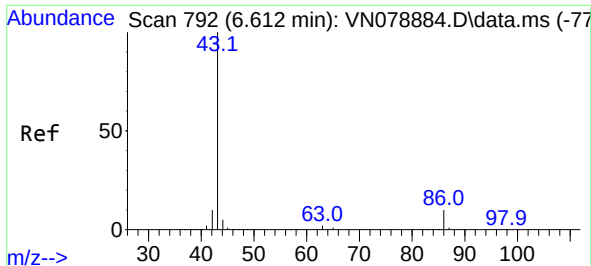


#22
Diisopropyl ether
Concen: 96.153 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



Tgt Ion: 45 Resp: 803903
Ion Ratio Lower Upper
45 100
43 52.7 45.5 68.3
87 24.5 31.8 47.8#
59 11.2 11.6 17.4#





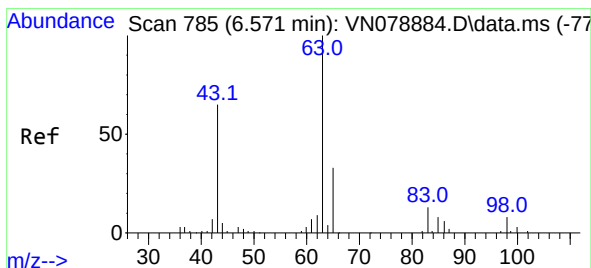
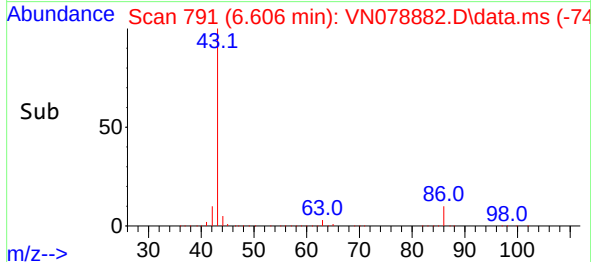
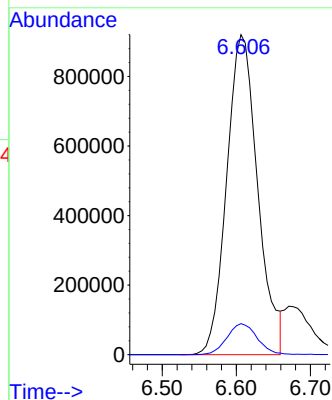
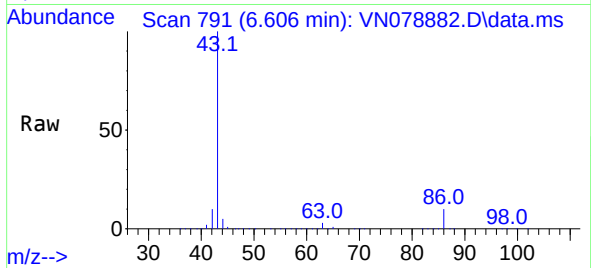
#23
 Vinyl Acetate
 Concen: 486.273 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN078882.D
 Acq: 15 Aug 2023 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 267692
 Ion Ratio Lower Upper
 43 100
 86 9.7 13.0 19.6

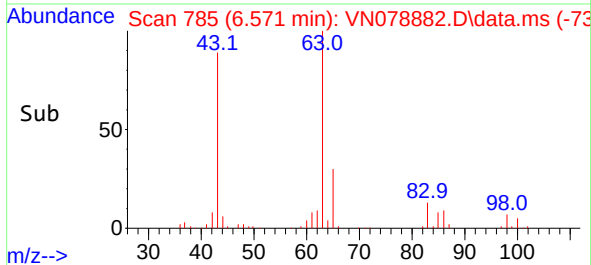
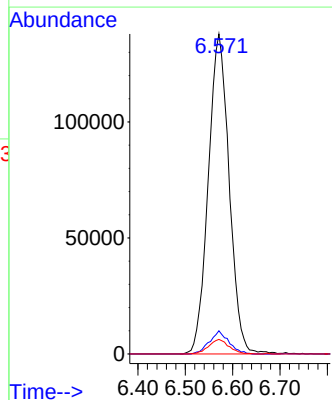
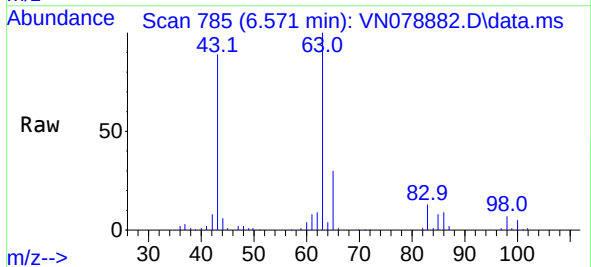
Manual Integrations
 APPROVED

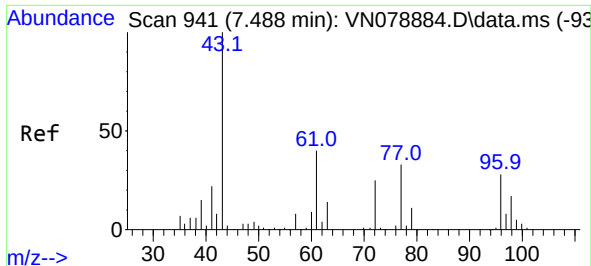
Reviewed By :John Carlone 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023



#24
 1,1-Dichloroethane
 Concen: 92.573 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078882.D
 Acq: 15 Aug 2023 11:25

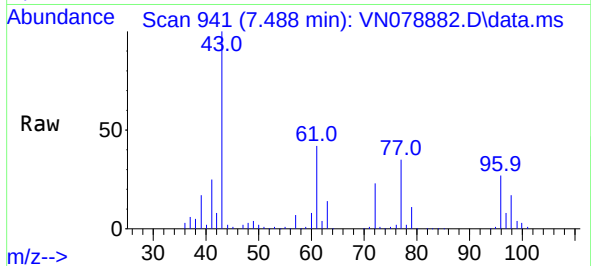
Tgt Ion: 63 Resp: 422820
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.5 2.5 7.4





#25
2-Butanone
Concen: 458.234 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

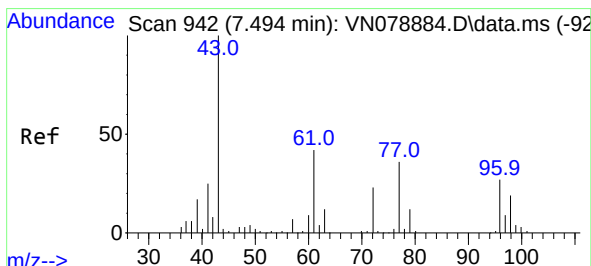
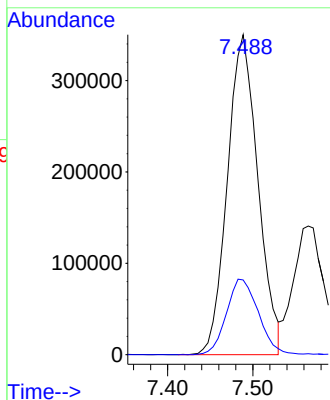
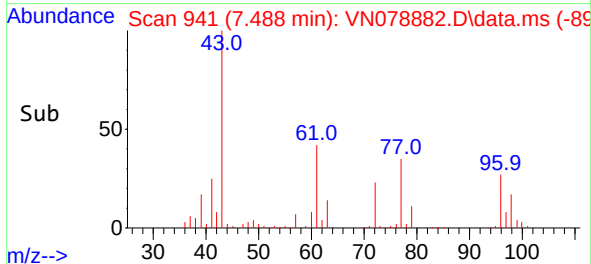
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



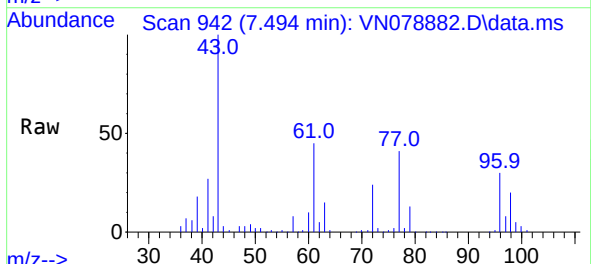
Tgt Ion: 43 Resp: 872463
Ion Ratio Lower Upper
43 100
72 23.3 30.2 45.2

Manual Integrations
APPROVED

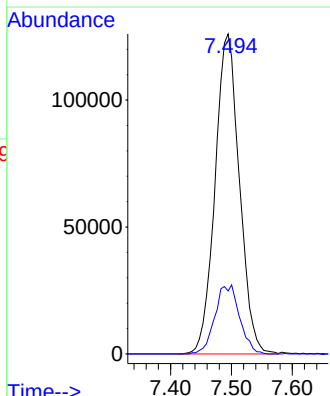
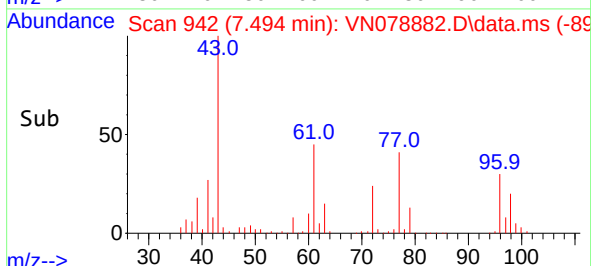
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

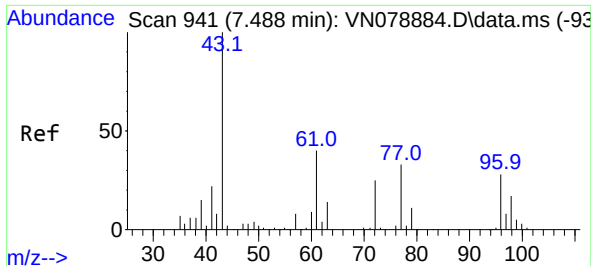


#26
2,2-Dichloropropane
Concen: 94.779 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



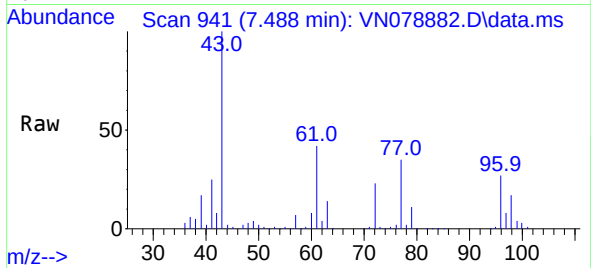
Tgt Ion: 77 Resp: 349917
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 92.450 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.012 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

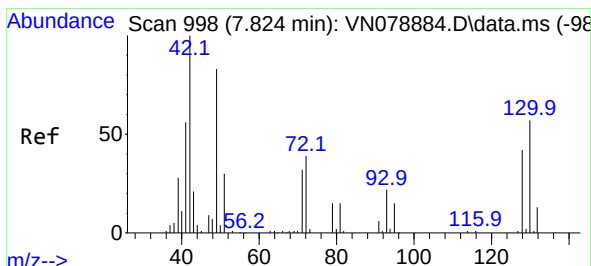
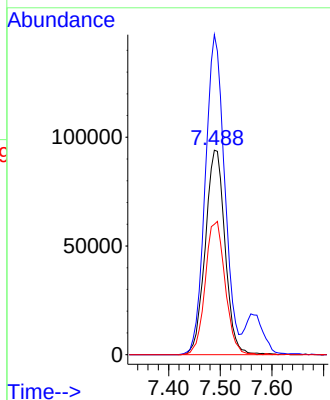
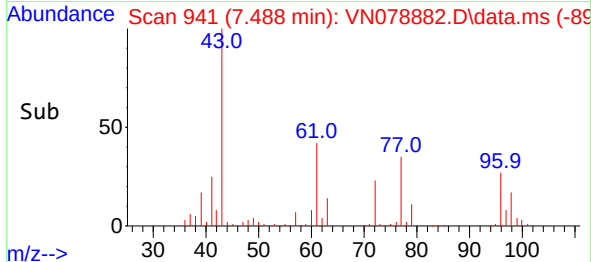
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 250204
Ion Ratio Lower Upper
96 100
61 152.5 0.0 255.2
98 65.5 0.0 128.8

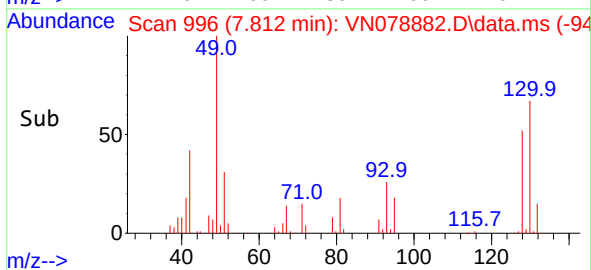
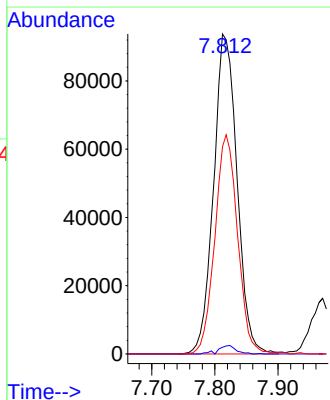
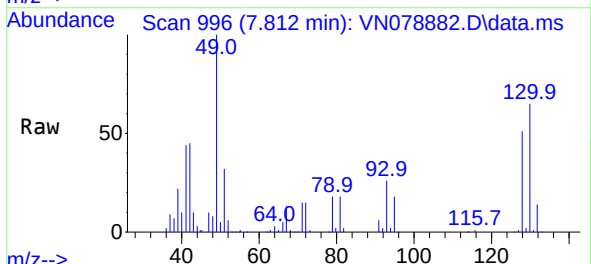
Manual Integrations
APPROVED

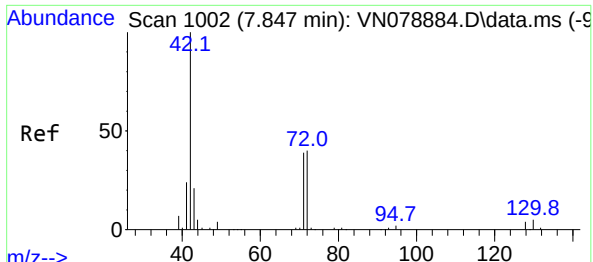
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#28
Bromochloromethane
Concen: 99.994 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

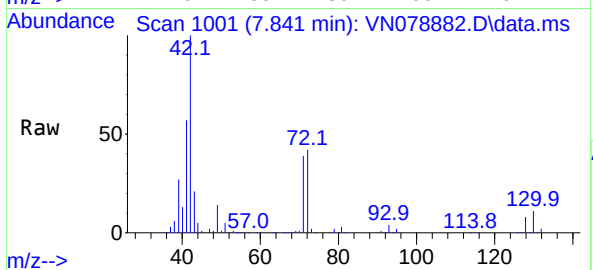
Tgt Ion: 49 Resp: 242272
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.8
130 66.4 75.3 112.9#





#29
Tetrahydrofuran
Concen: 467.163 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

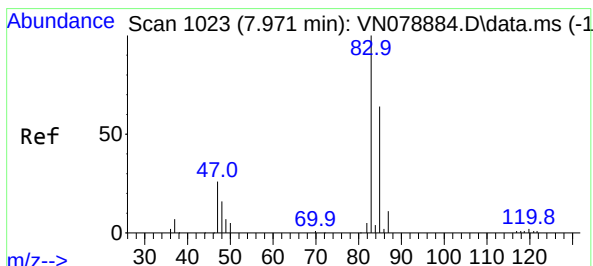
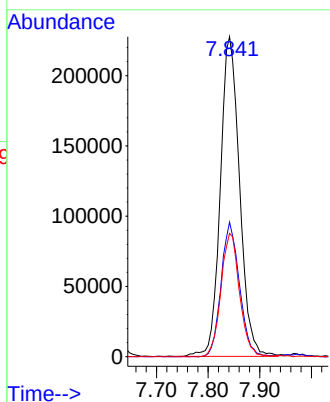
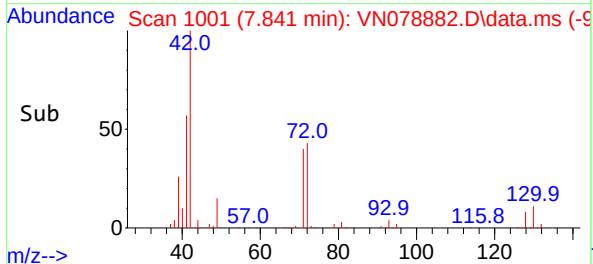
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 42 Resp: 588730
Ion Ratio Lower Upper
42 100
72 40.0 49.8 74.6
71 37.2 47.4 71.2

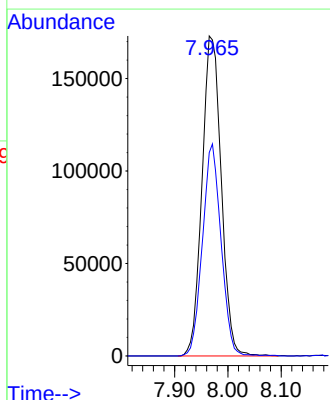
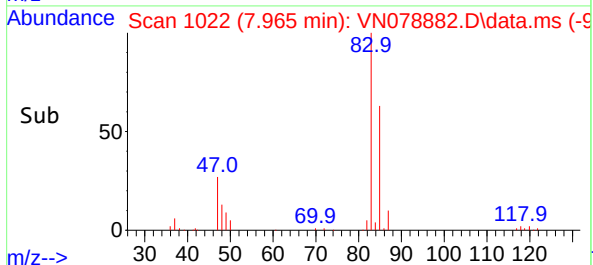
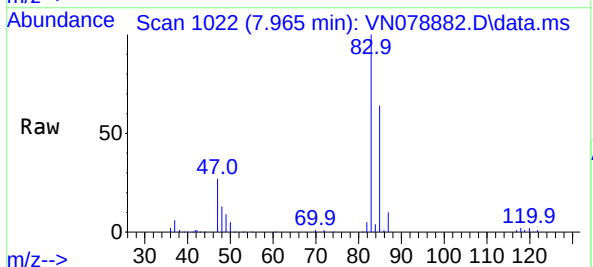
Manual Integrations
APPROVED

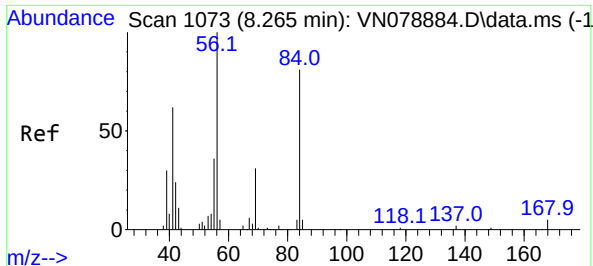
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#30
Chloroform
Concen: 95.053 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.012 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Tgt Ion: 83 Resp: 433732
Ion Ratio Lower Upper
83 100
85 63.5 55.4 83.0





#31

Cyclohexane

Concen: 98.417 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN078882.D

Acq: 15 Aug 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 344060

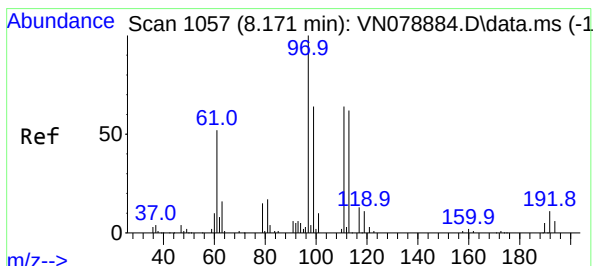
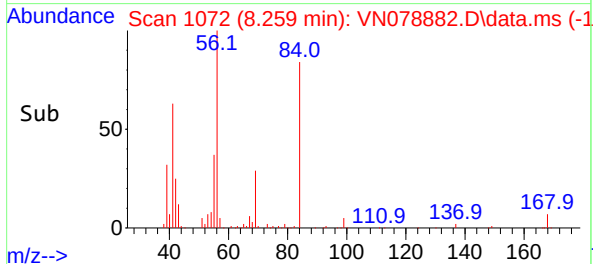
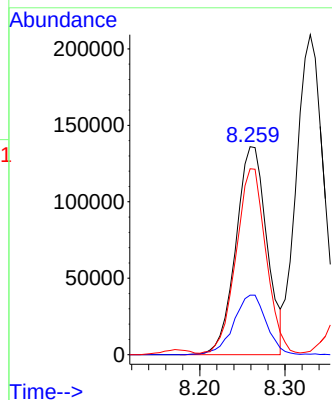
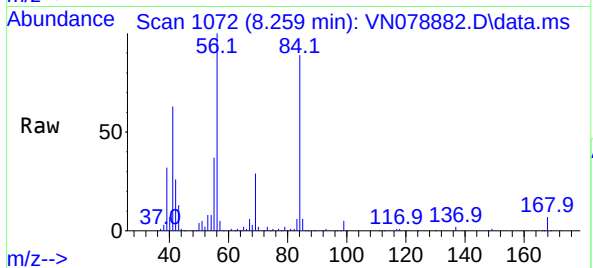
Ion	Ratio	Lower	Upper
56	100		
69	28.6	26.8	40.2
84	87.2	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#32

1,1,1-Trichloroethane

Concen: 93.923 ug/l

RT: 8.171 min Scan# 1057

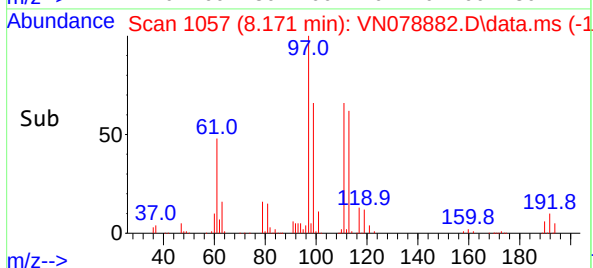
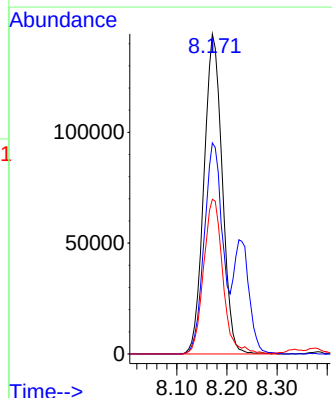
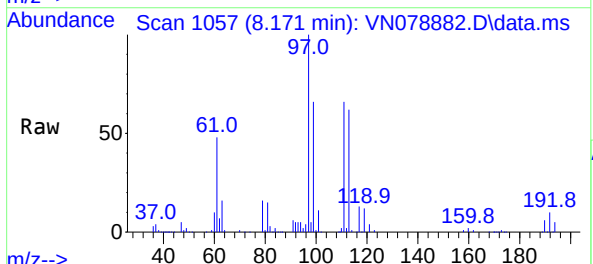
Delta R.T. -0.006 min

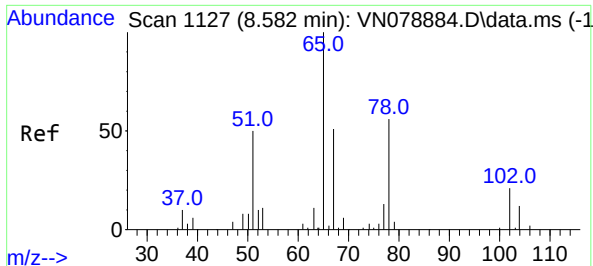
Lab File: VN078882.D

Acq: 15 Aug 2023 11:25

Tgt Ion: 97 Resp: 365435

Ion	Ratio	Lower	Upper
97	100		
99	66.8	50.3	75.5
61	51.0	34.7	52.1





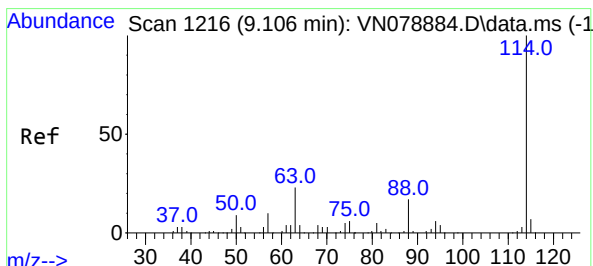
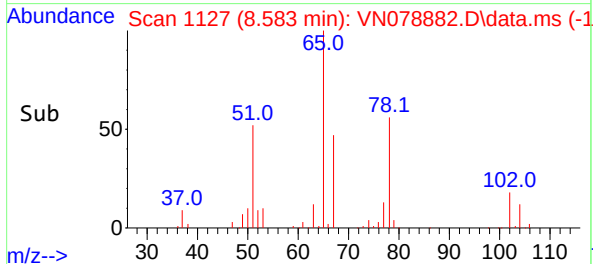
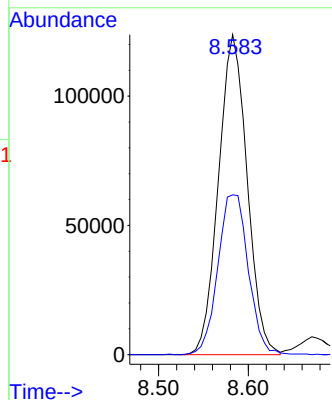
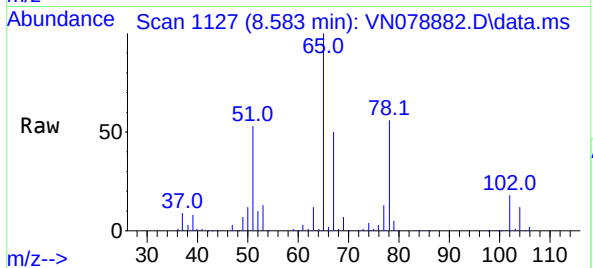
#33
1,2-Dichloroethane-d4
Concen: 95.215 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 65 Resp: 274040
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.6

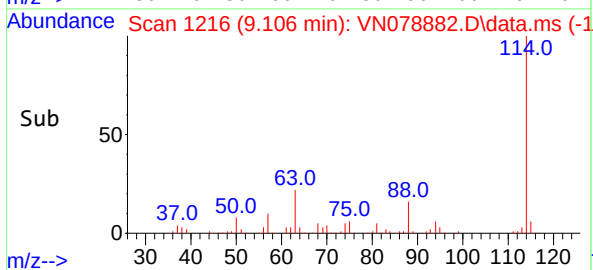
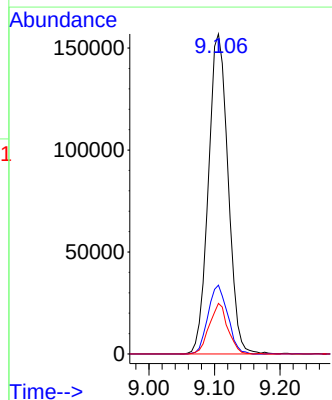
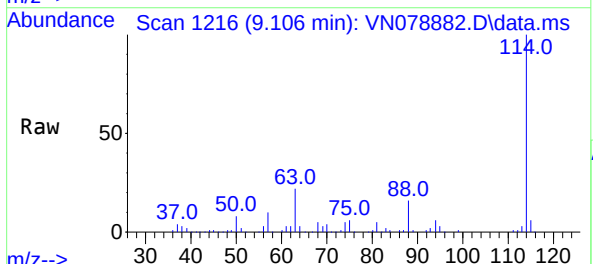
Manual Integrations
APPROVED

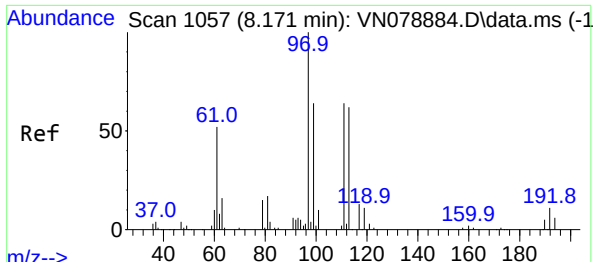
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

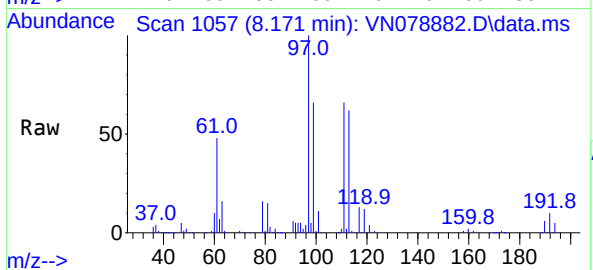
Tgt Ion:114 Resp: 326853
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.4
88 15.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 96.516 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

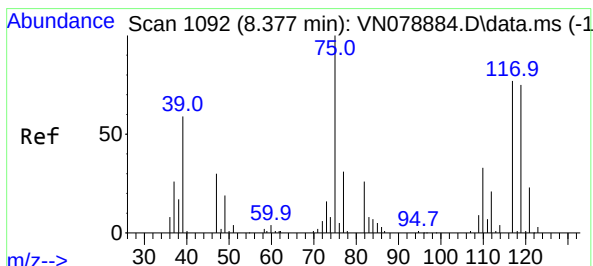
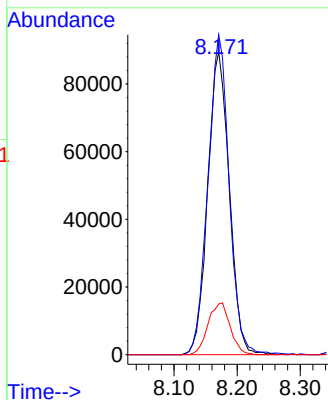
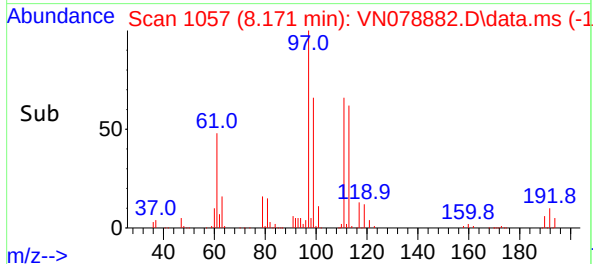
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



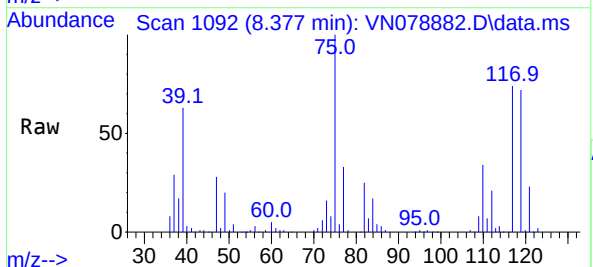
Tgt Ion: 113 Resp: 212354
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 17.5 12.7 19.1

Manual Integrations
APPROVED

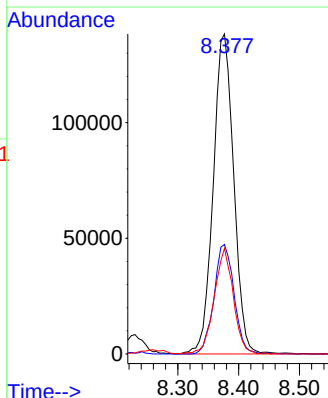
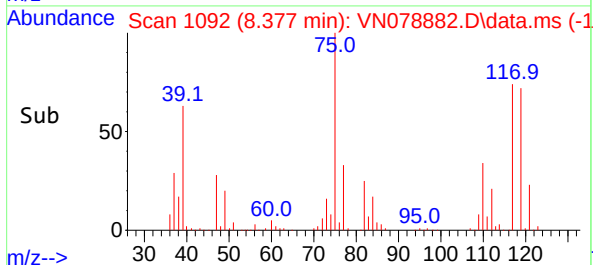
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

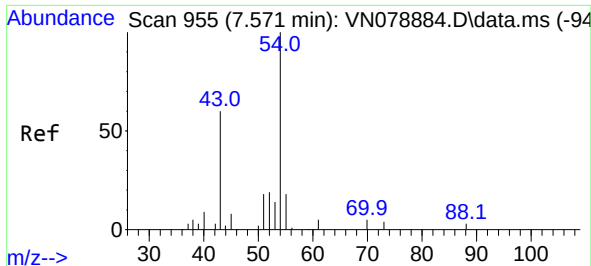


#36
1,1-Dichloropropene
Concen: 97.854 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



Tgt Ion: 75 Resp: 323865
Ion Ratio Lower Upper
75 100
110 33.4 19.1 57.3
77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 98.950 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078882.D

Acq: 15 Aug 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 366410

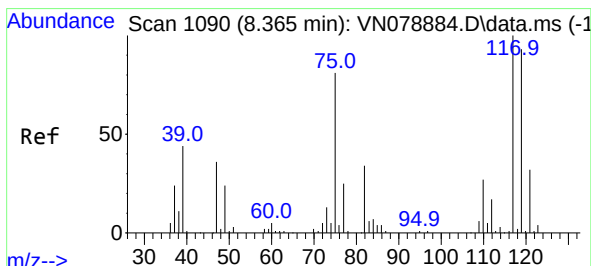
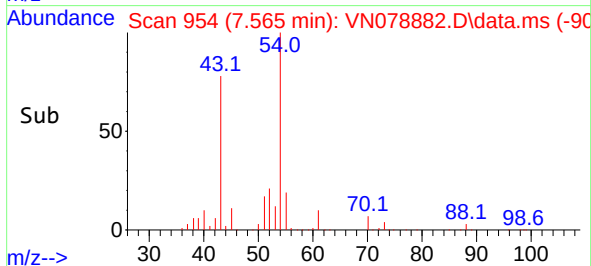
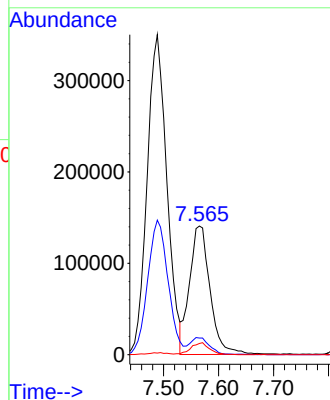
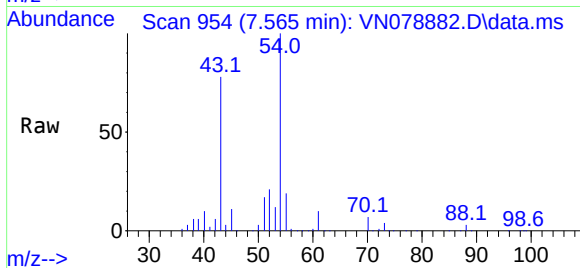
Ion	Ratio	Lower	Upper
43	100		
61	11.7	13.2	19.8
70	8.5	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#38

Carbon Tetrachloride

Concen: 96.038 ug/l

RT: 8.365 min Scan# 1090

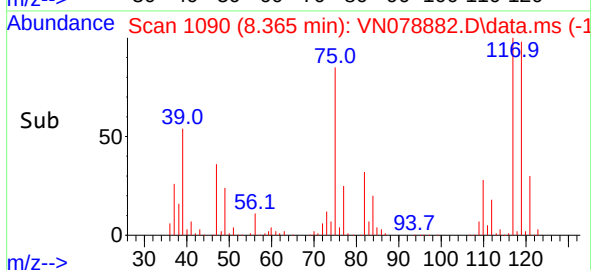
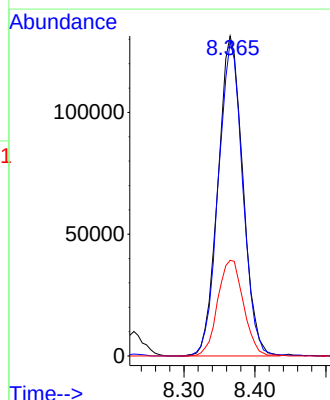
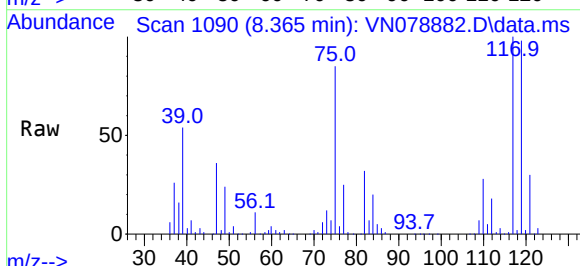
Delta R.T. -0.006 min

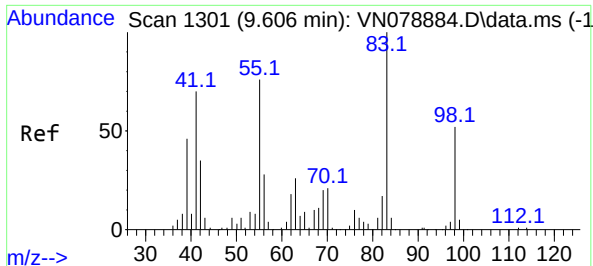
Lab File: VN078882.D

Acq: 15 Aug 2023 11:25

Tgt Ion:117 Resp: 318482

Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.3	115.9
121	29.9	23.3	34.9





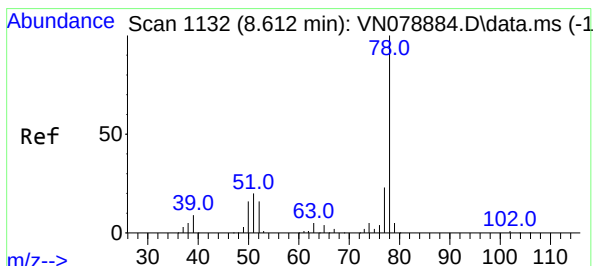
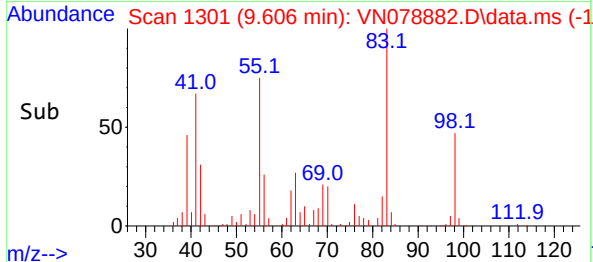
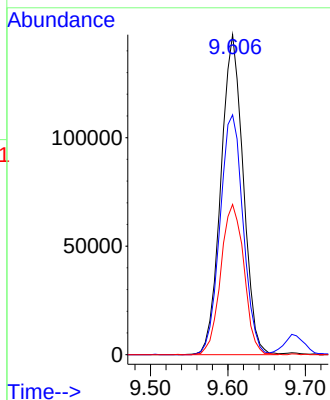
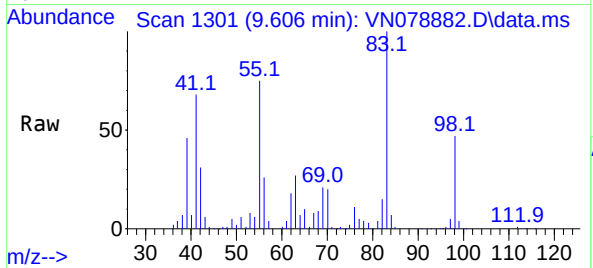
#39
Methylcyclohexane
Concen: 96.974 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 295180
Ion Ratio Lower Upper
83 100
55 75.0 49.1 73.7
98 46.8 40.6 61.0

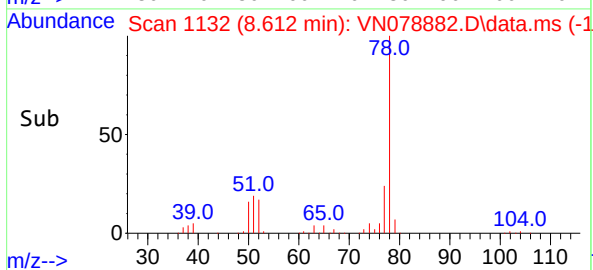
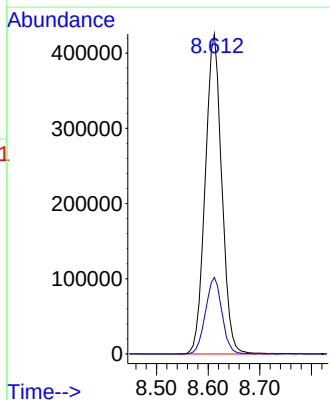
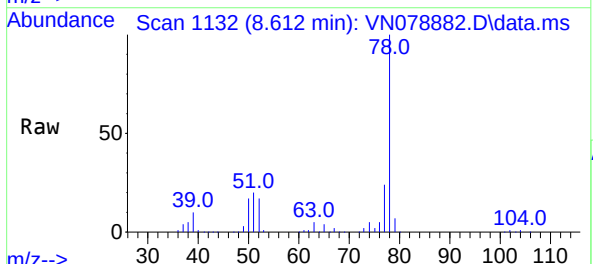
Manual Integrations
APPROVED

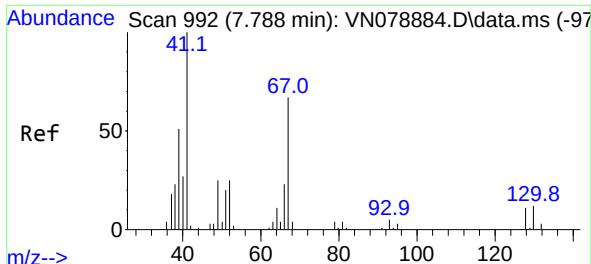
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#40
Benzene
Concen: 96.501 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

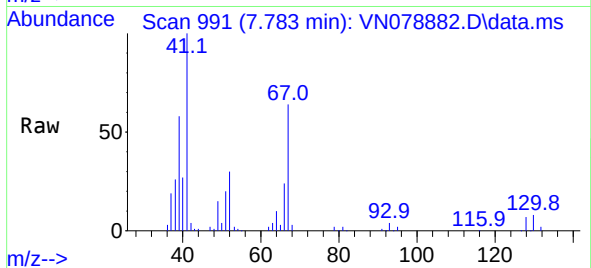
Tgt Ion: 78 Resp: 944035
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 94.413 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

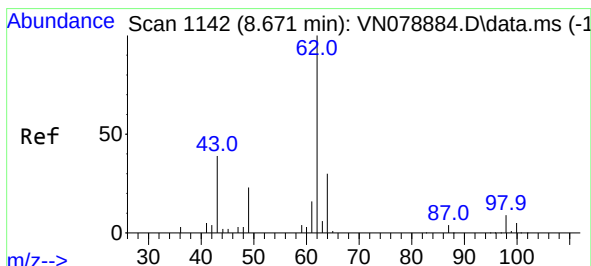
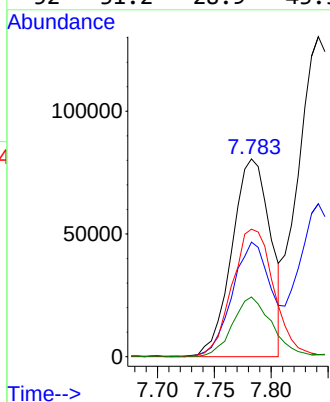
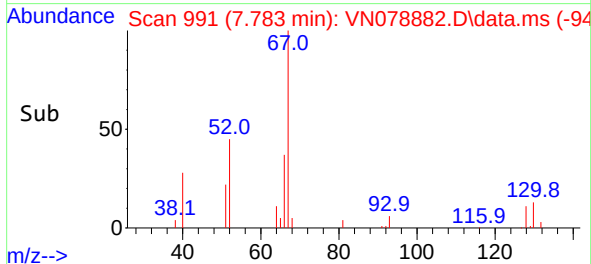
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 190412
Ion Ratio Lower Upper
41 100
39 60.8 42.6 64.0
67 70.4 77.5 116.3
52 31.2 28.9 43.3

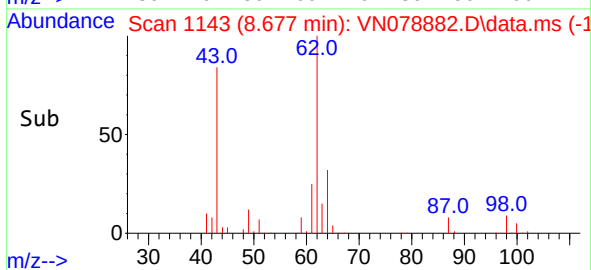
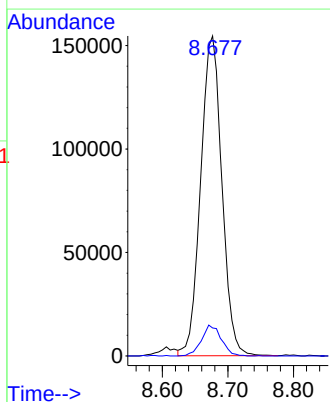
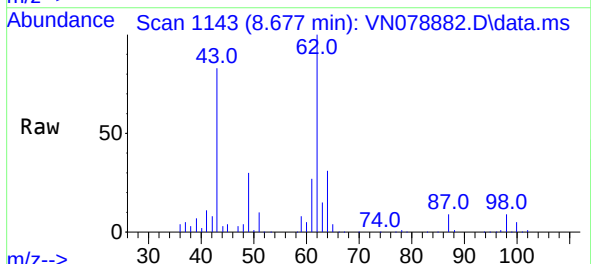
Manual Integrations
APPROVED

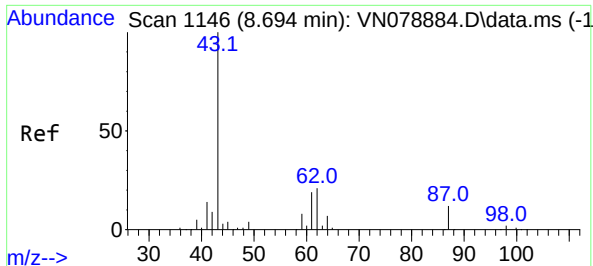
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#42
1,2-Dichloroethane
Concen: 95.205 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

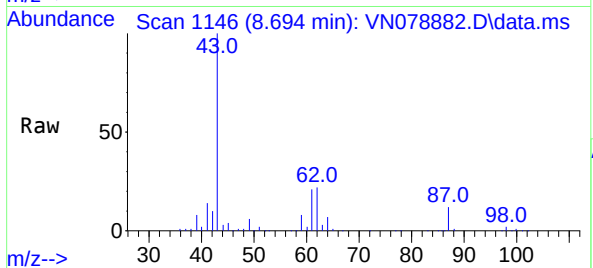
Tgt Ion: 62 Resp: 347955
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





#43
Isopropyl Acetate
Concen: 93.021 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

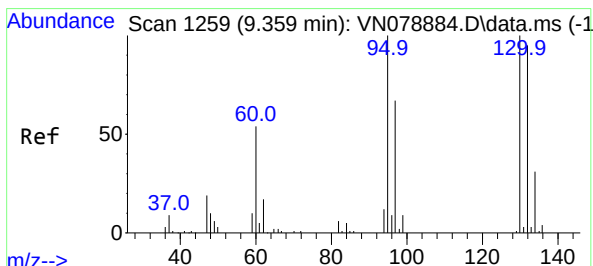
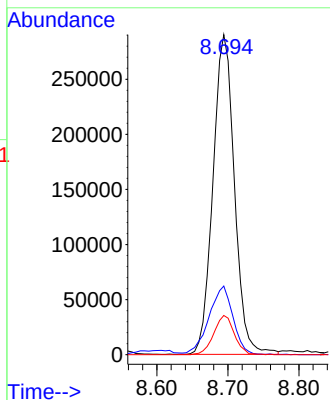
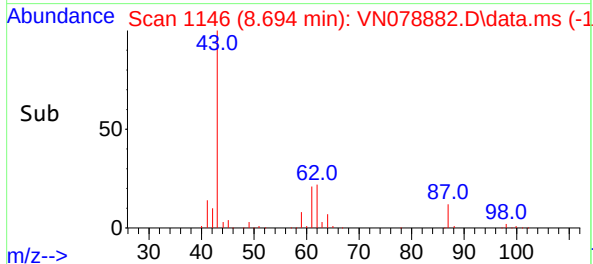
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 60883
Ion Ratio Lower Upper
43 100
61 23.9 24.7 37.1
87 11.8 14.6 21.8

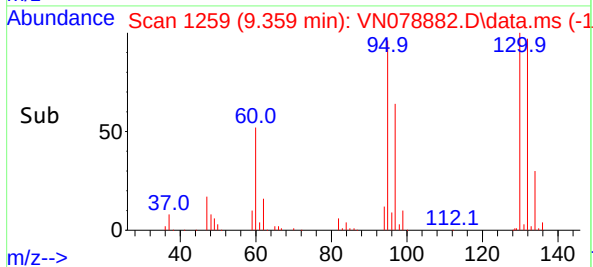
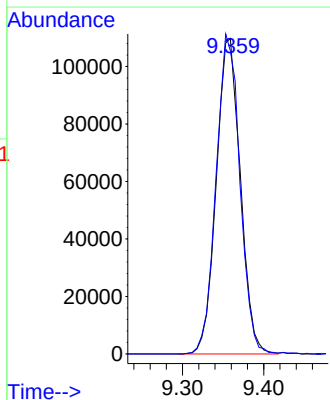
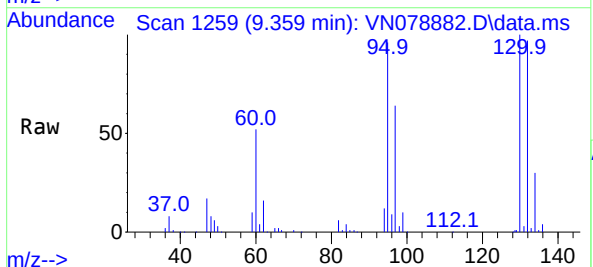
Manual Integrations
APPROVED

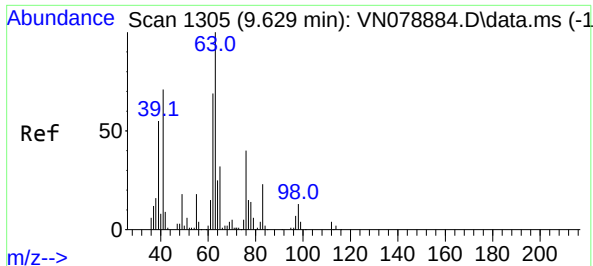
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#44
Trichloroethene
Concen: 97.108 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

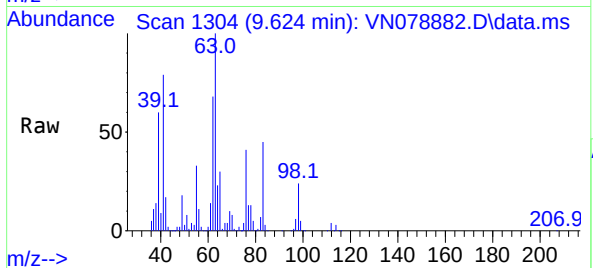
Tgt Ion:130 Resp: 225722
Ion Ratio Lower Upper
130 100
95 96.0 0.0 204.6





#45
1,2-Dichloropropane
Concen: 97.099 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

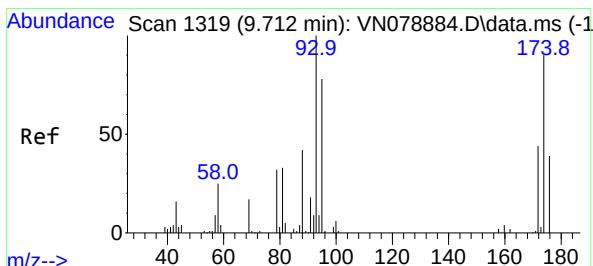
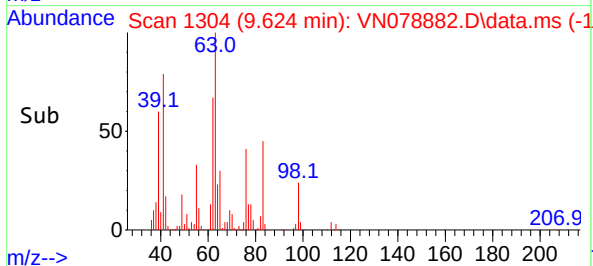
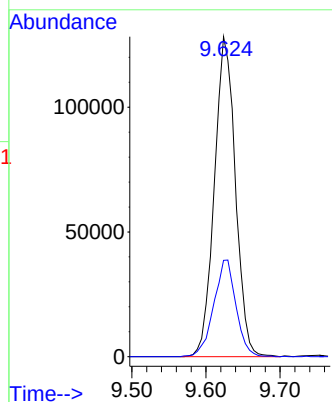
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 252900
Ion Ratio Lower Upper
63 100
65 30.1 23.9 35.9

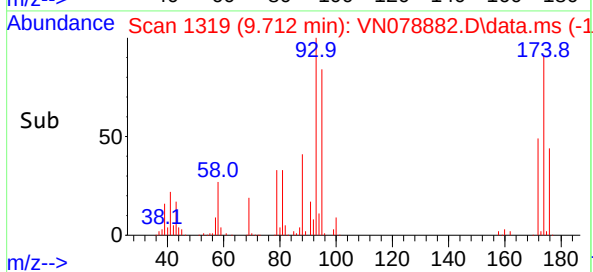
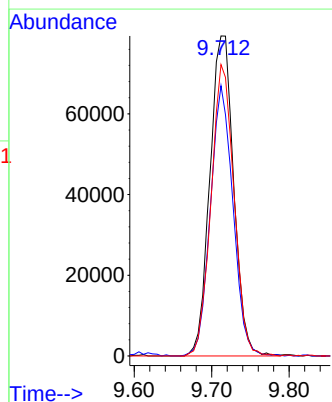
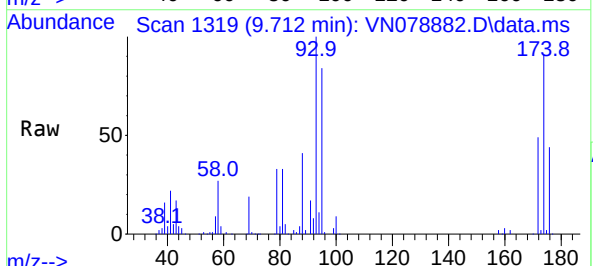
Manual Integrations
APPROVED

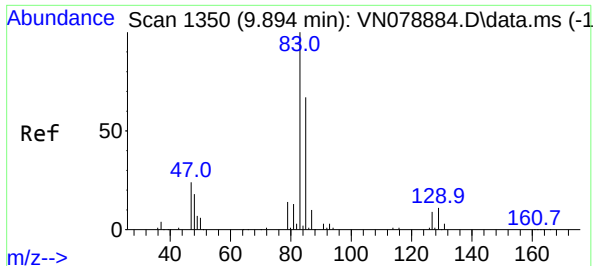
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#46
Dibromomethane
Concen: 94.908 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Tgt Ion: 93 Resp: 169550
Ion Ratio Lower Upper
93 100
95 80.1 63.8 95.8
174 87.4 65.6 98.4





#47
Bromodichloromethane
Concen: 98.402 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

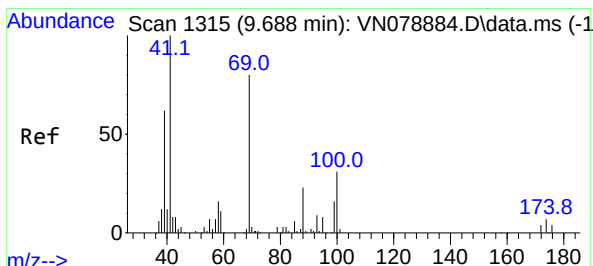
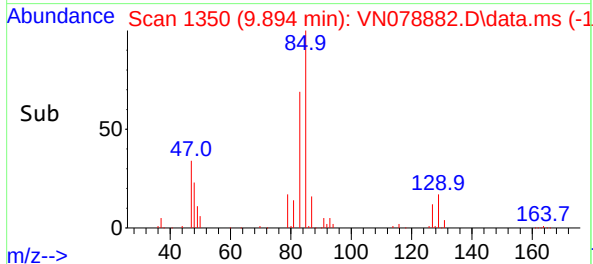
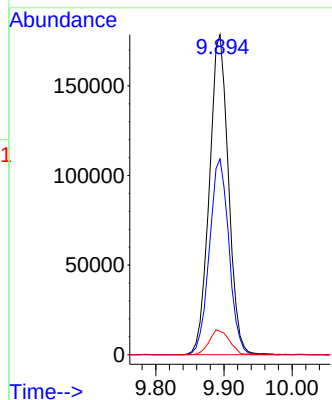
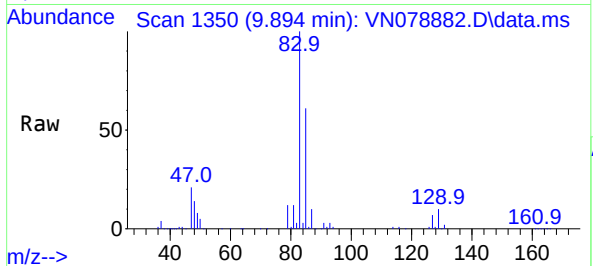
VSTDICC100

Tgt Ion: 83 Resp: 347120
Ion Ratio Lower Upper
83 100
85 61.2 49.6 74.4
127 7.3 7.0 10.6

Manual Integrations

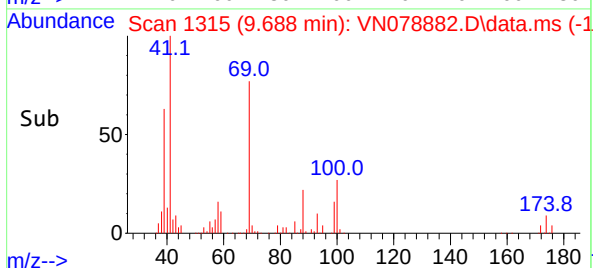
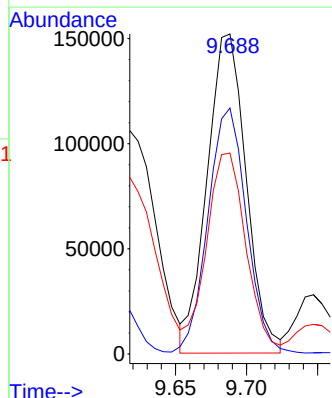
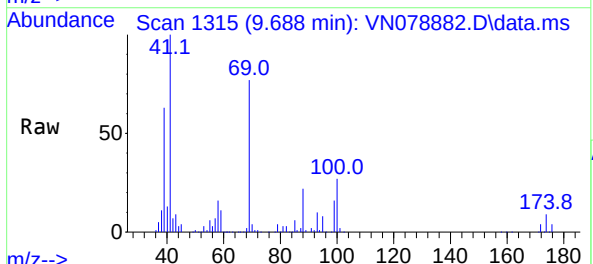
APPROVED

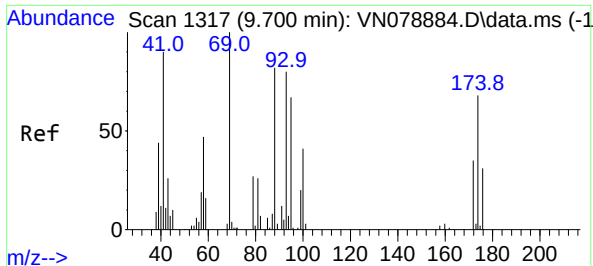
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#48
Methyl methacrylate
Concen: 97.987 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

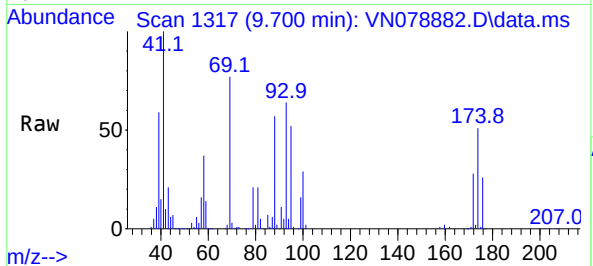
Tgt Ion: 41 Resp: 290619
Ion Ratio Lower Upper
41 100
69 75.6 90.4 135.6
39 63.8 54.6 81.8





#49
1,4-Dioxane
Concen: 1941.356 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

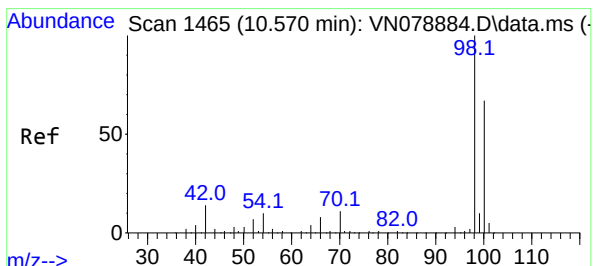
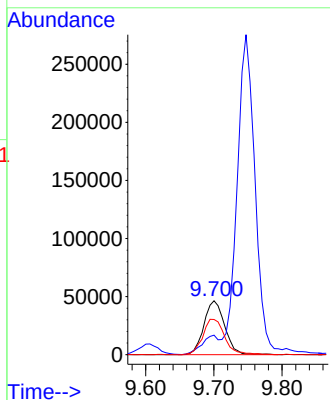
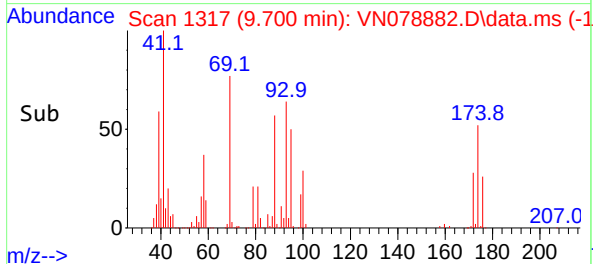
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 98074
Ion Ratio Lower Upper
88 100
43 28.0 17.0 25.6
58 70.1 47.0 70.4

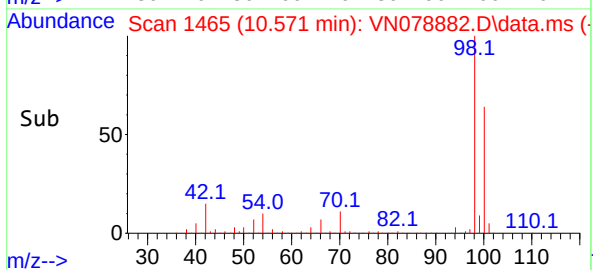
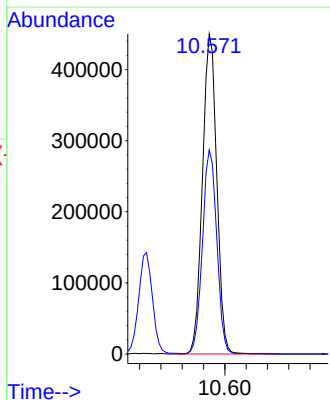
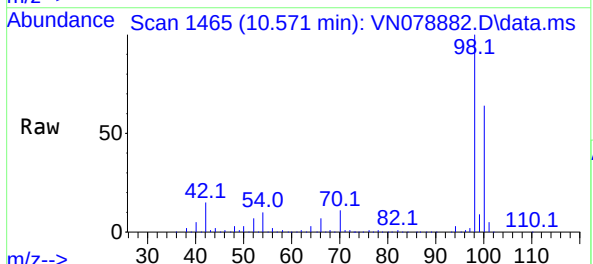
Manual Integrations
APPROVED

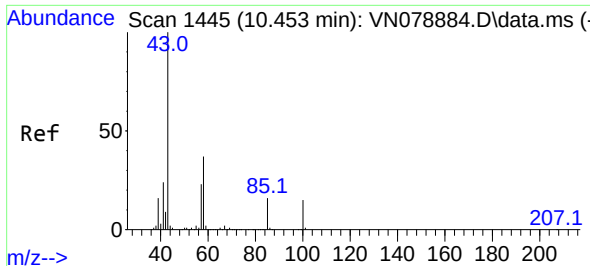
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#50
Toluene-d8
Concen: 102.551 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

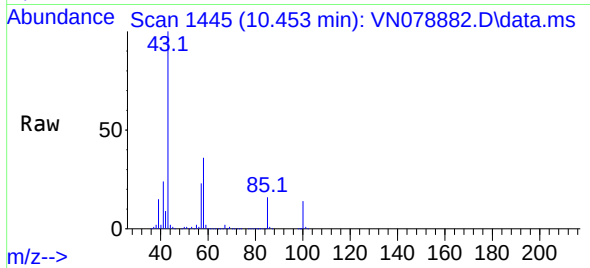
Tgt Ion: 98 Resp: 837793
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 486.961 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

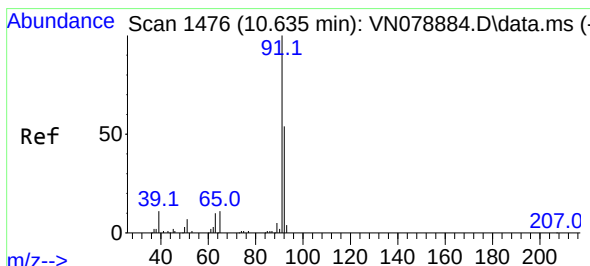
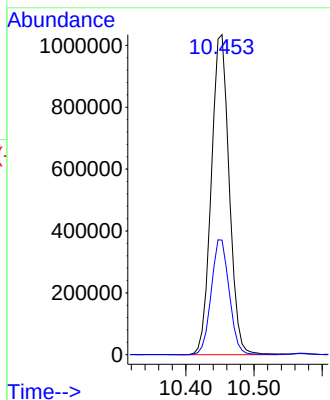
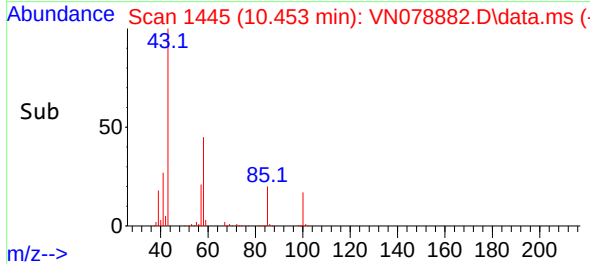
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



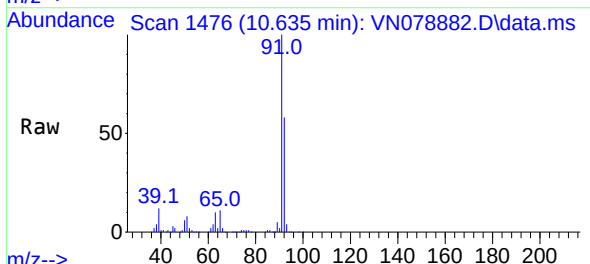
Tgt Ion: 43 Resp: 1890340
Ion Ratio Lower Upper
43 100
58 36.2 36.6 54.8

Manual Integrations
APPROVED

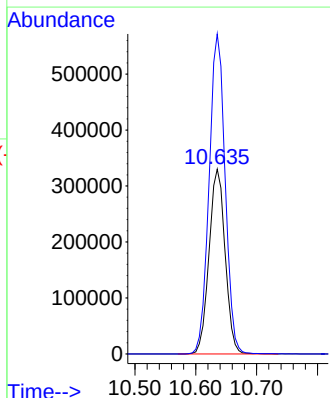
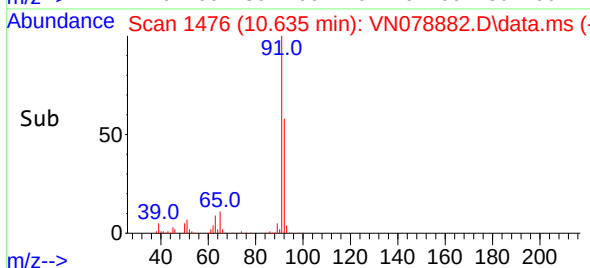
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

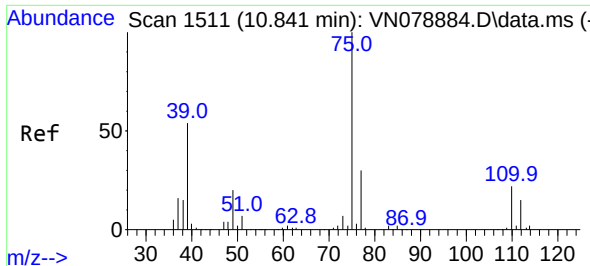


#52
Toluene
Concen: 100.648 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



Tgt Ion: 92 Resp: 604508
Ion Ratio Lower Upper
92 100
91 173.0 137.4 206.0





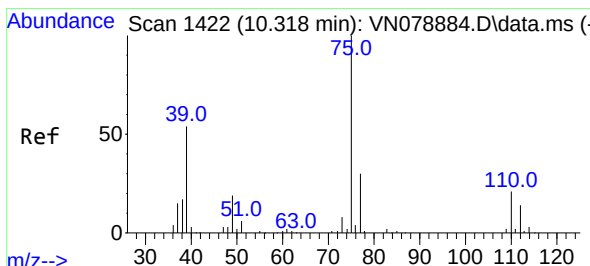
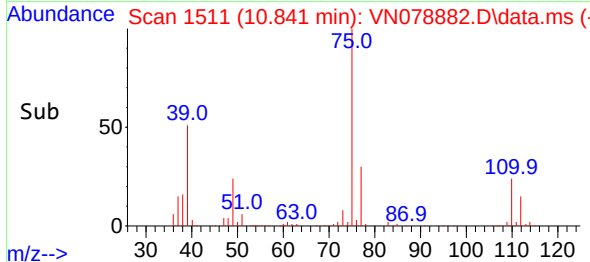
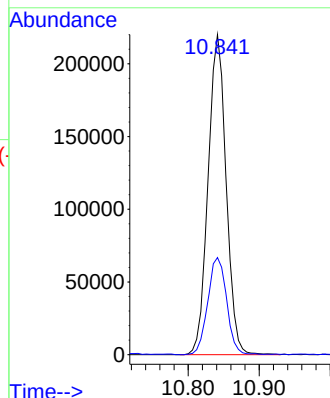
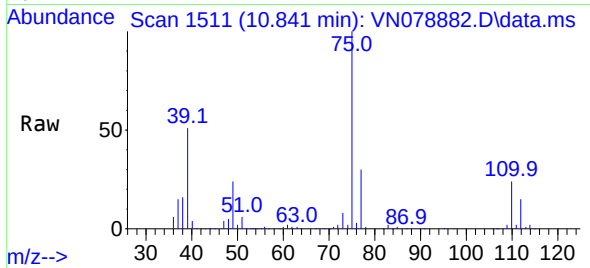
#53
t-1,3-Dichloropropene
Concen: 102.854 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 389099
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0

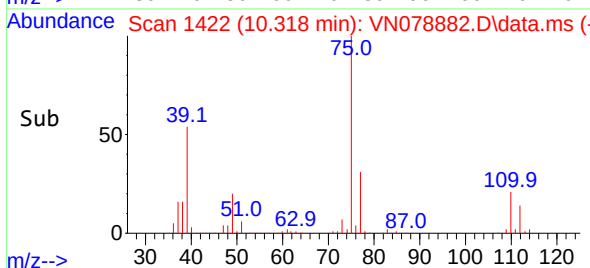
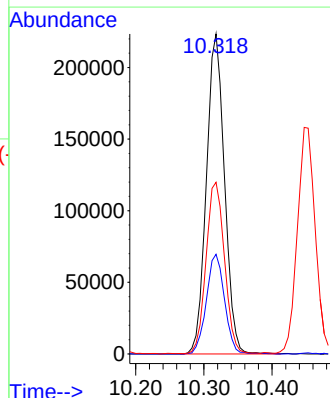
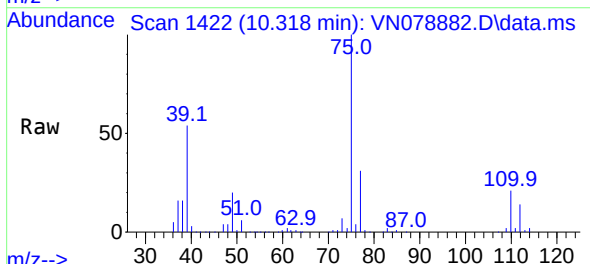
Manual Integrations
APPROVED

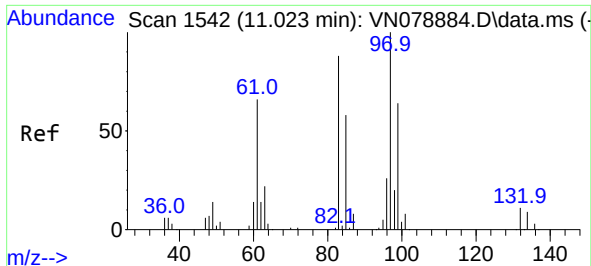
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#54
cis-1,3-Dichloropropene
Concen: 100.334 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

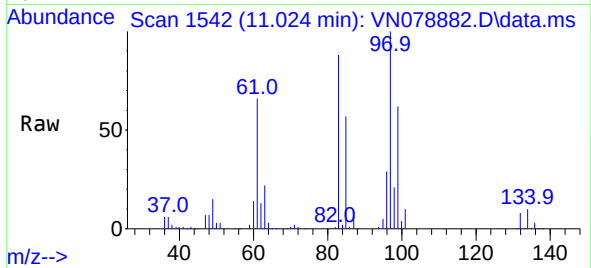
Tgt Ion: 75 Resp: 413389
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1
39 53.5 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 98.194 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

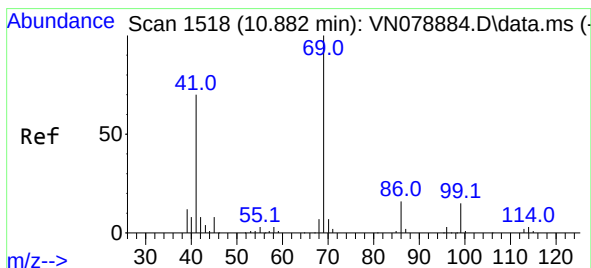
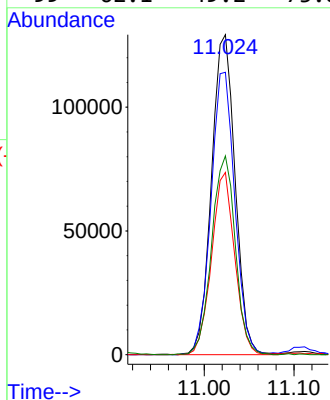
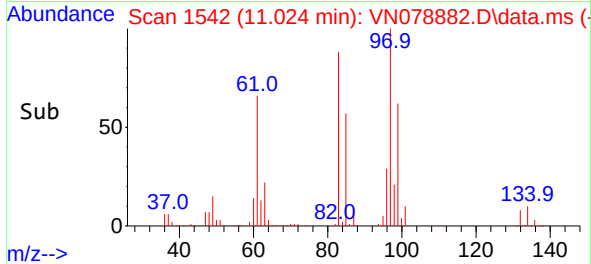
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



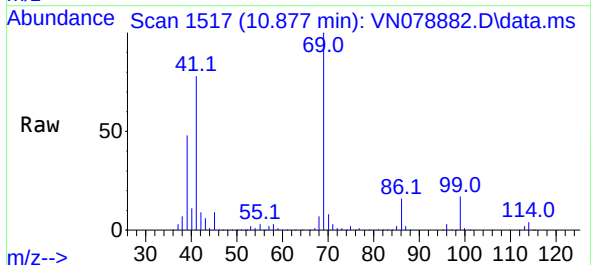
Tgt Ion: 97 Resp: 236475
Ion Ratio Lower Upper
97 100
83 88.3 65.1 97.7
85 57.0 43.4 65.2
99 62.1 49.2 73.8

Manual Integrations
APPROVED

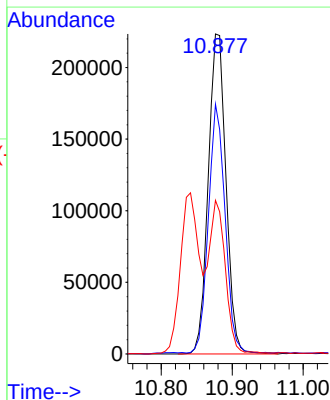
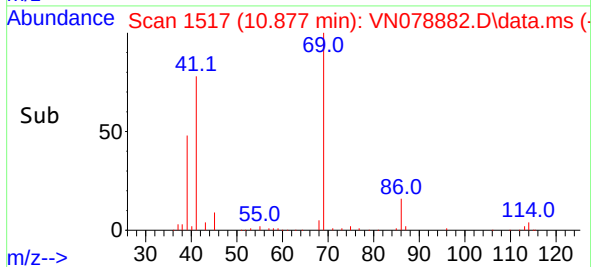
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

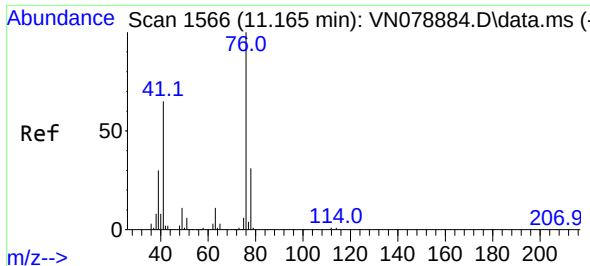


#56
Ethyl methacrylate
Concen: 103.770 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



Tgt Ion: 69 Resp: 387385
Ion Ratio Lower Upper
69 100
41 73.3 39.6 59.4#
39 44.5 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 97.929 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VN078882.D

Acq: 15 Aug 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 421829

Ion Ratio Lower Upper

76 100

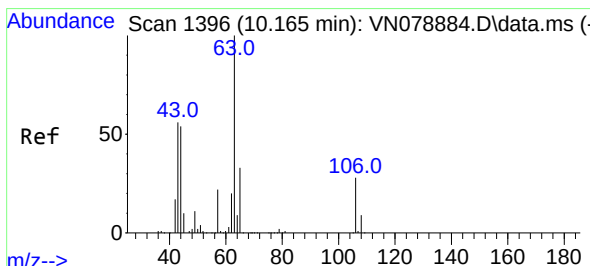
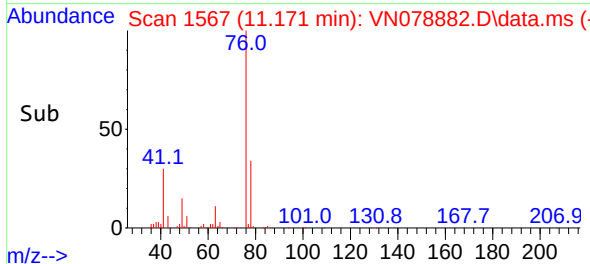
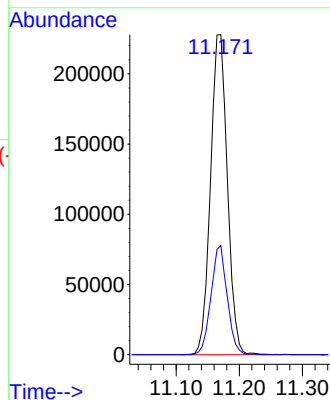
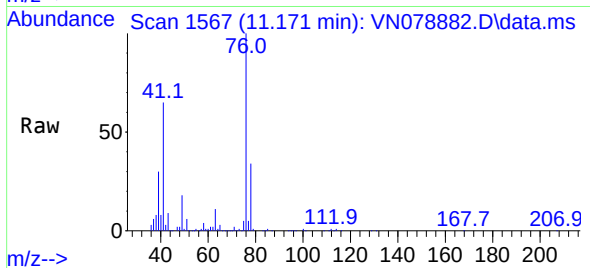
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 514.835 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078882.D

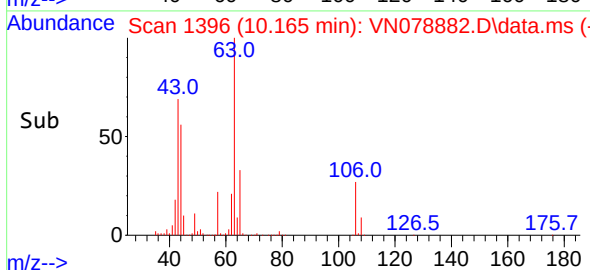
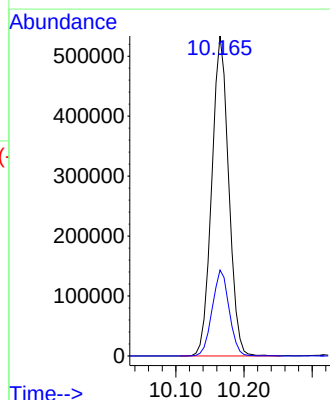
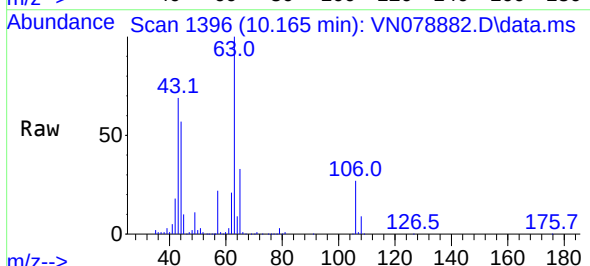
Acq: 15 Aug 2023 11:25

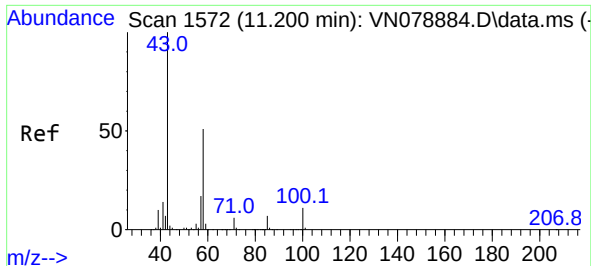
Tgt Ion: 63 Resp: 922578

Ion Ratio Lower Upper

63 100

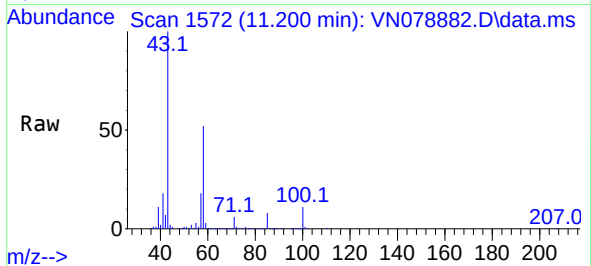
106 26.8 26.2 39.4





#59
2-Hexanone
Concen: 492.672 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

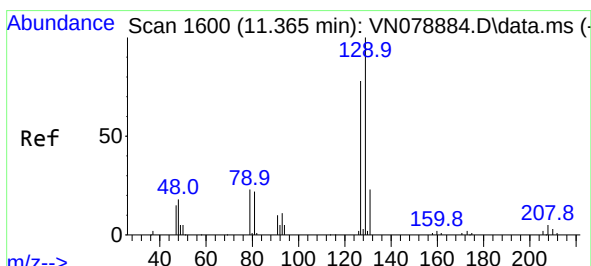
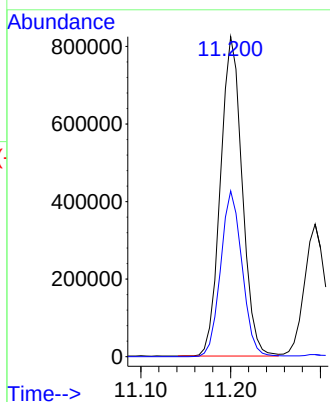
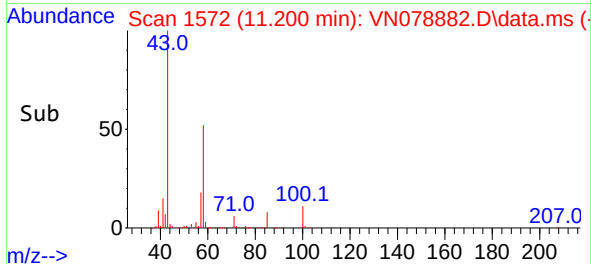
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 138523
Ion Ratio Lower Upper
43 100
58 51.4 31.7 95.1

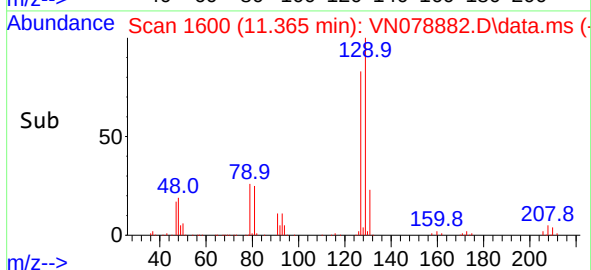
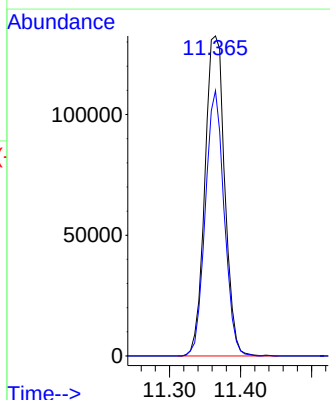
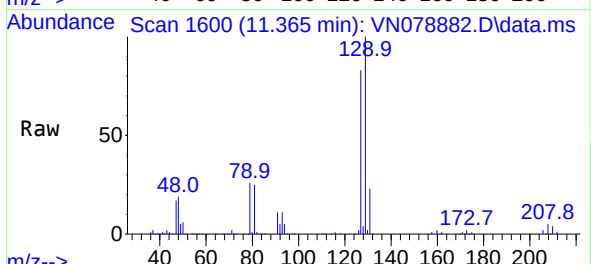
Manual Integrations
APPROVED

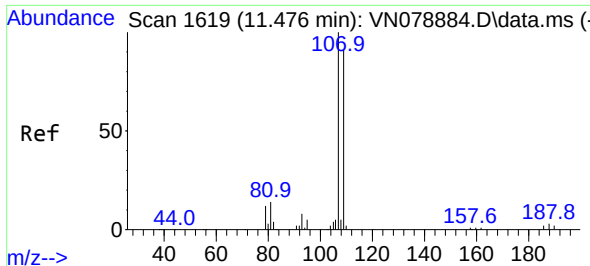
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#60
Dibromochloromethane
Concen: 101.643 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

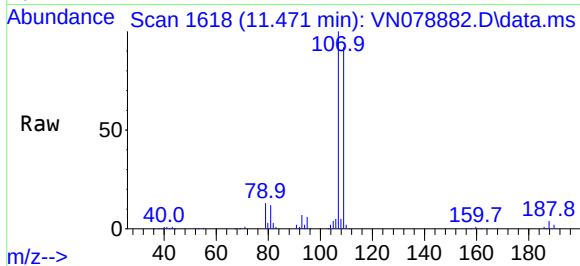
Tgt Ion:129 Resp: 257587
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 98.593 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

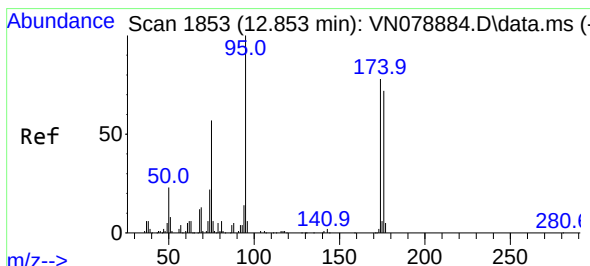
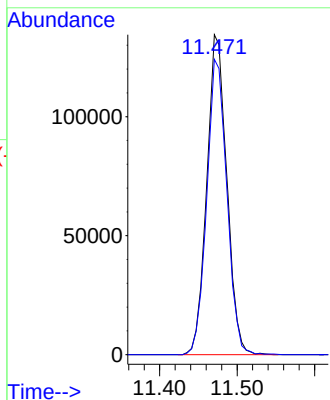
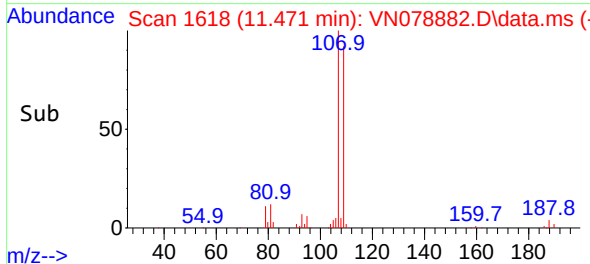
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



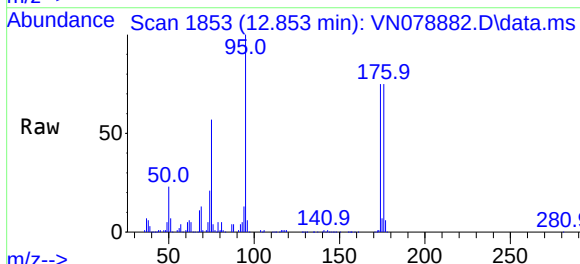
Tgt Ion:107 Resp: 241284
Ion Ratio Lower Upper
107 100
109 92.8 76.6 114.8

Manual Integrations
APPROVED

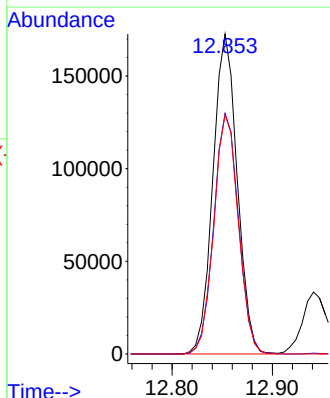
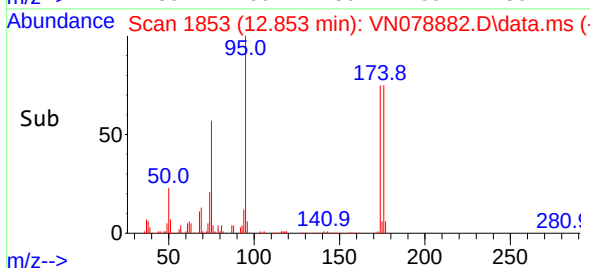
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

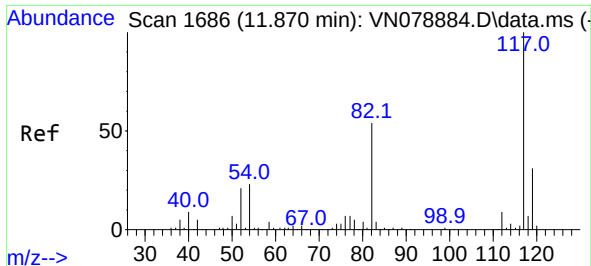


#62
4-Bromofluorobenzene
Concen: 108.506 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



Tgt Ion: 95 Resp: 289743
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 75.4 0.0 135.8





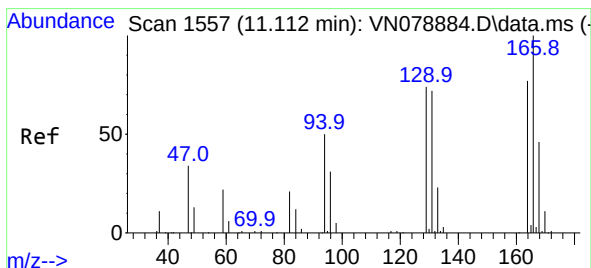
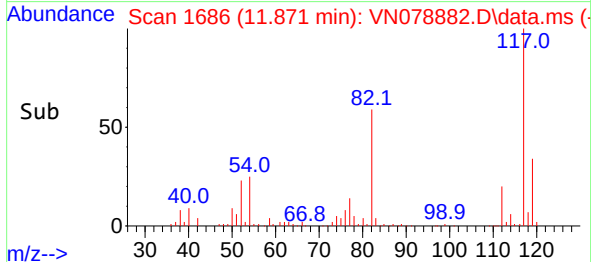
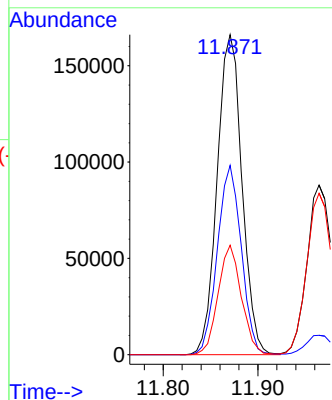
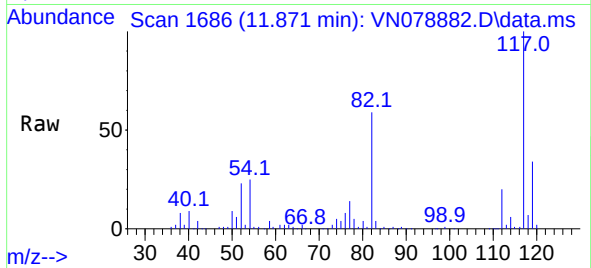
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 302785
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 34.2 25.6 38.4

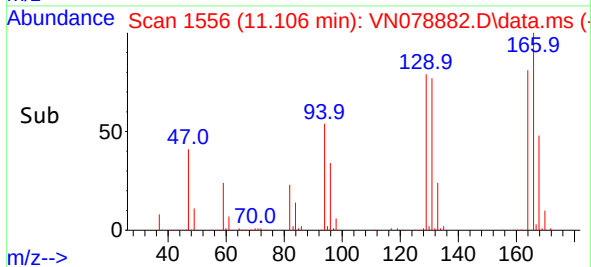
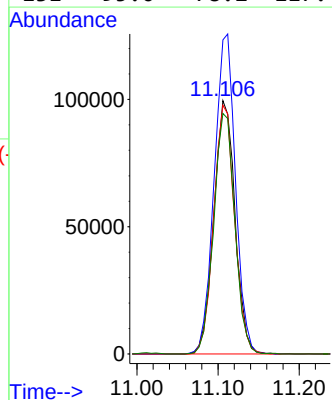
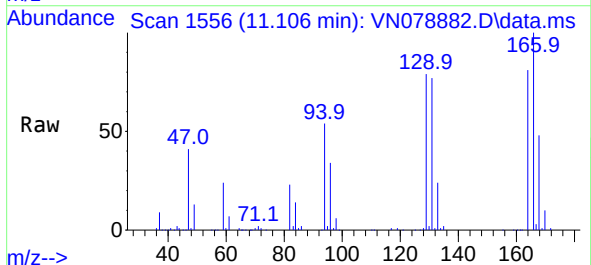
Manual Integrations
APPROVED

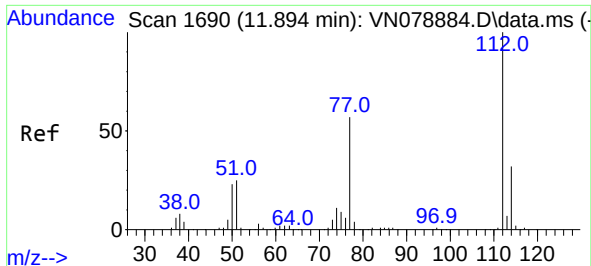
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#64
Tetrachloroethene
Concen: 95.290 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

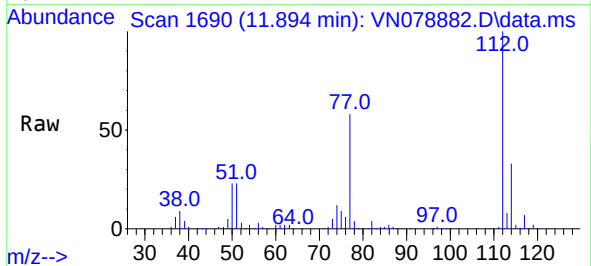
Tgt Ion:164 Resp: 180938
Ion Ratio Lower Upper
164 100
166 124.0 101.4 152.0
129 98.2 82.4 123.6
131 95.0 78.2 117.4





#65
Chlorobenzene
Concen: 96.388 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

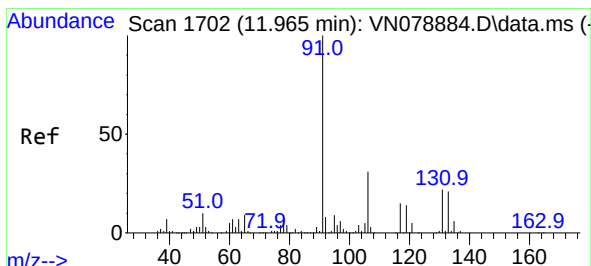
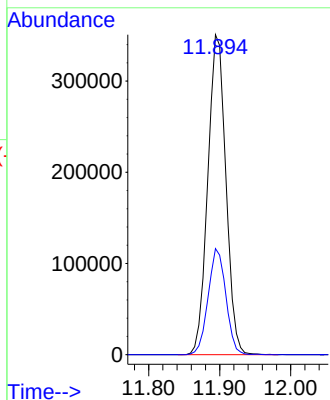
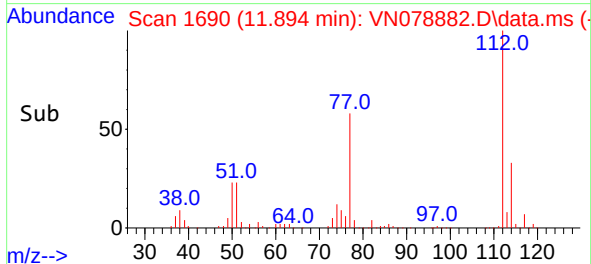
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



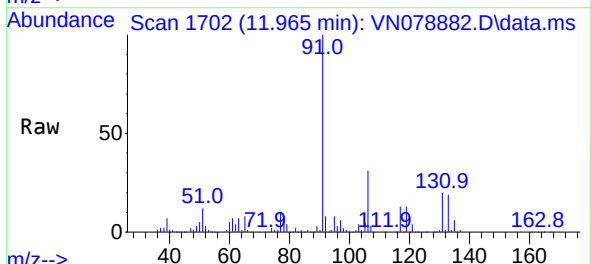
Tgt Ion:112 Resp: 62124
Ion Ratio Lower Upper
112 100
114 33.2 25.0 37.4

Manual Integrations
APPROVED

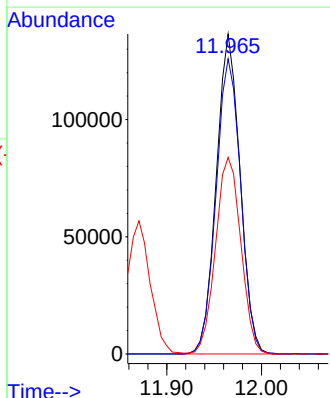
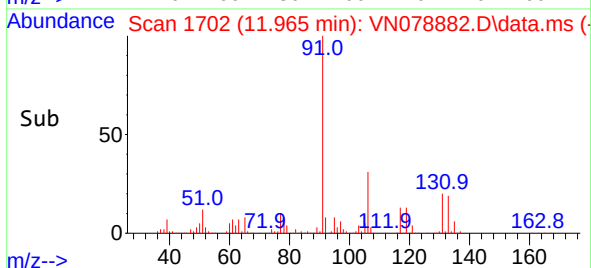
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

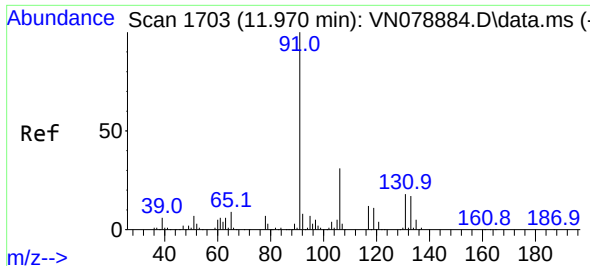


#66
1,1,1,2-Tetrachloroethane
Concen: 97.780 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



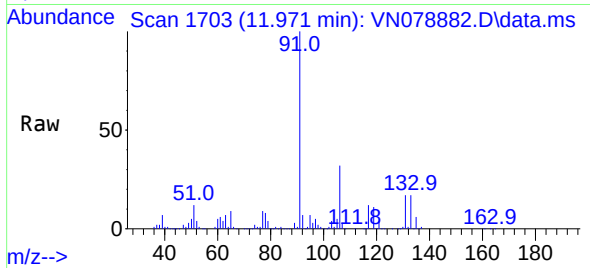
Tgt Ion:131 Resp: 238166
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 65.3 34.1 102.2





#67
Ethyl Benzene
Concen: 99.529 ug/l
RT: 11.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

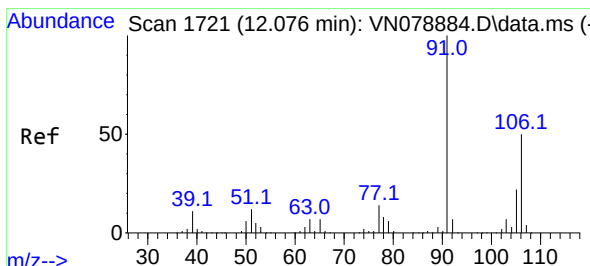
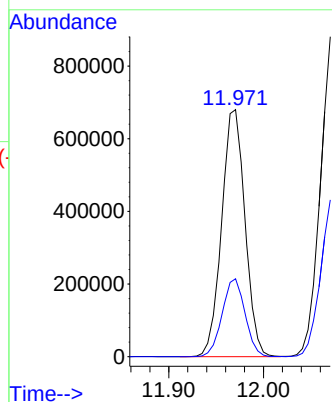
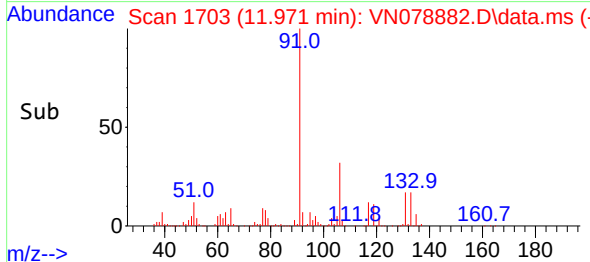
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



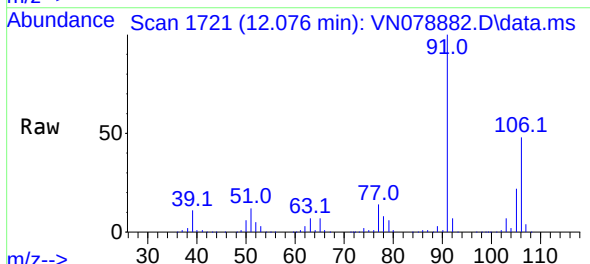
Tgt Ion: 91 Resp: 116655
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

Manual Integrations
APPROVED

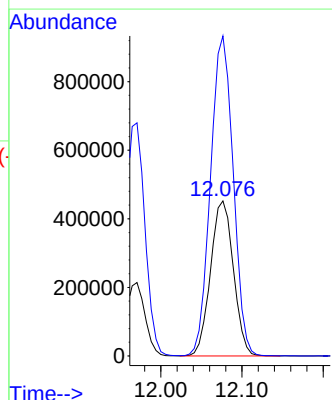
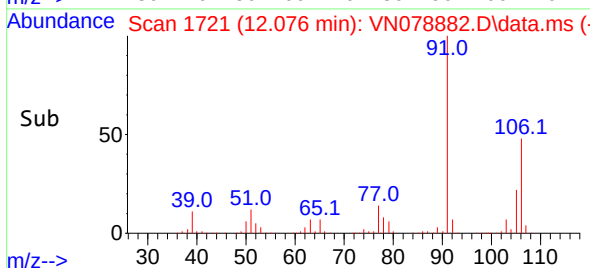
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

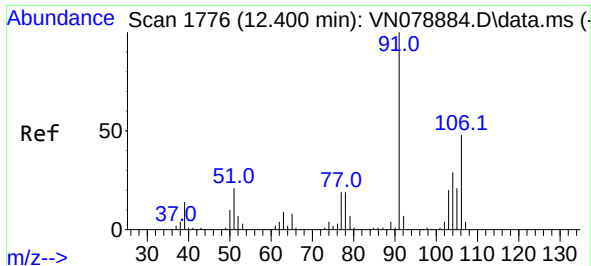


#68
m/p-Xylenes
Concen: 201.975 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



Tgt Ion:106 Resp: 885088
Ion Ratio Lower Upper
106 100
91 204.8 159.6 239.4





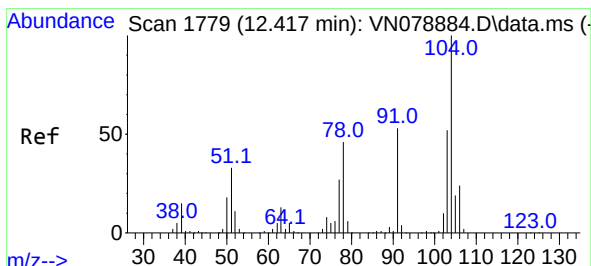
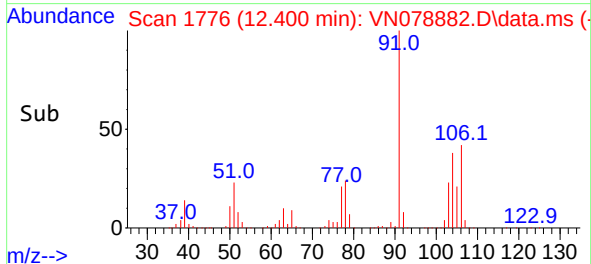
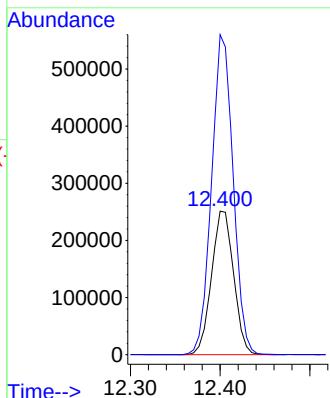
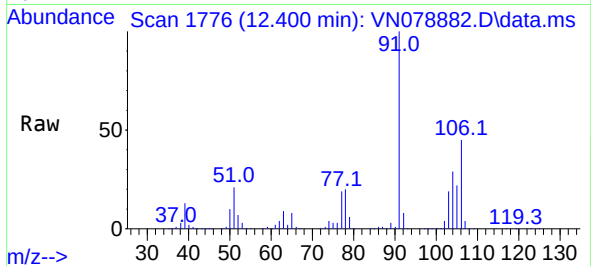
#69
o-Xylene
Concen: 100.855 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 429930
Ion Ratio Lower Upper
106 100
91 217.5 105.2 315.5

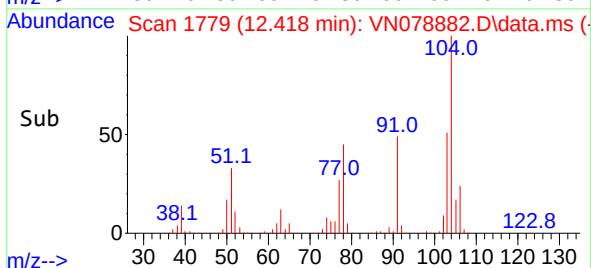
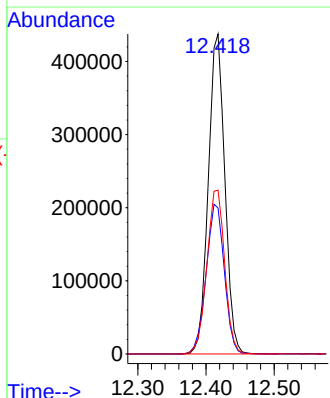
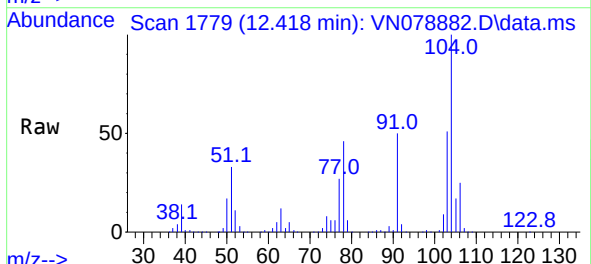
Manual Integrations
APPROVED

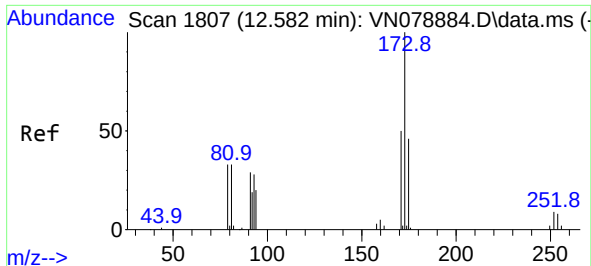
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#70
Styrene
Concen: 103.860 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

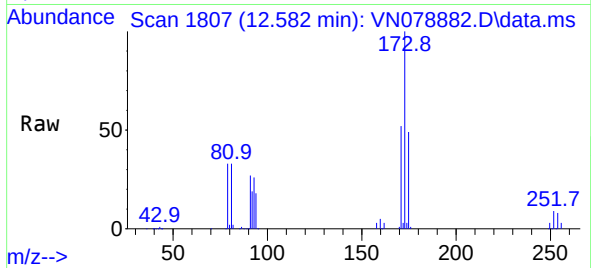
Tgt Ion:104 Resp: 738241
Ion Ratio Lower Upper
104 100
78 51.4 39.5 59.3
103 55.3 43.2 64.8





#71
Bromoform
Concen: 102.933 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

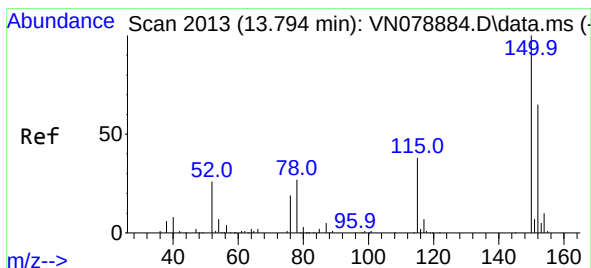
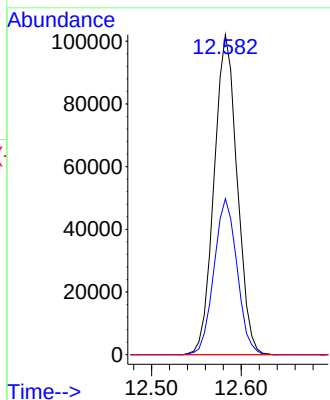
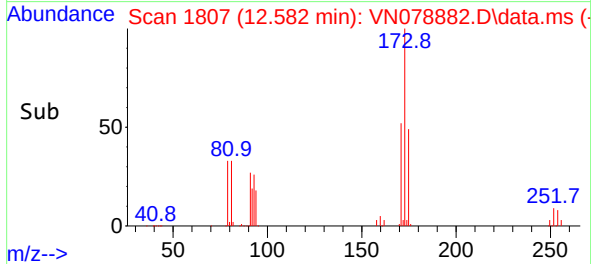
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



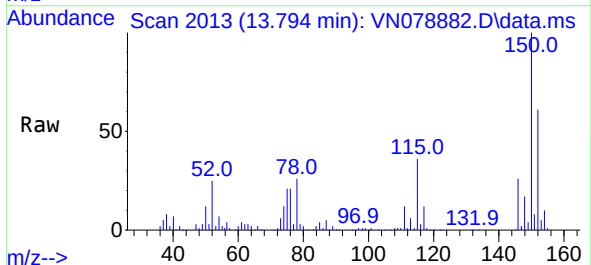
Tgt Ion:173 Resp: 182272
Ion Ratio Lower Upper
173 100
175 48.8 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

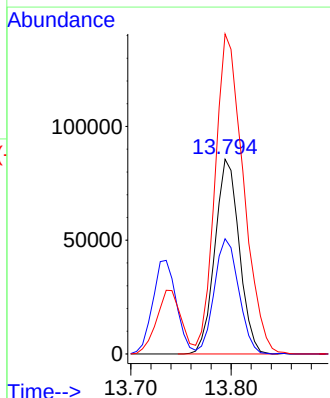
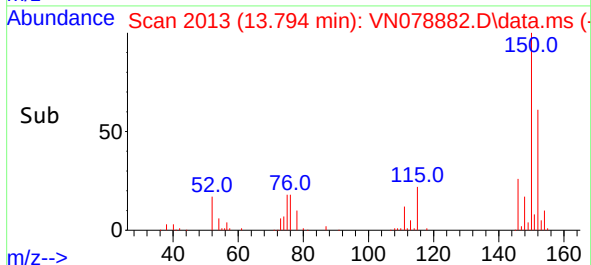
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

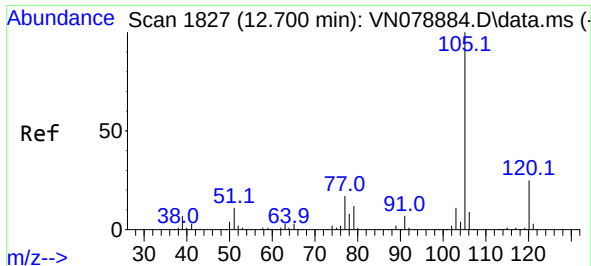


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



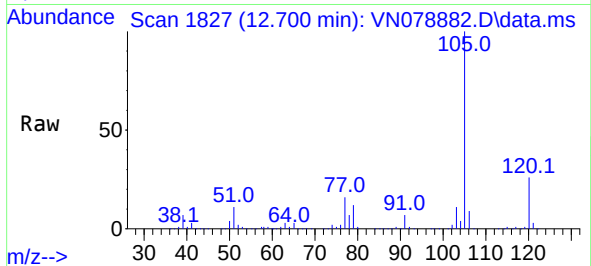
Tgt Ion:152 Resp: 144273
Ion Ratio Lower Upper
152 100
115 59.4 32.3 96.8
150 190.9 0.0 355.8





#73
Isopropylbenzene
Concen: 90.187 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

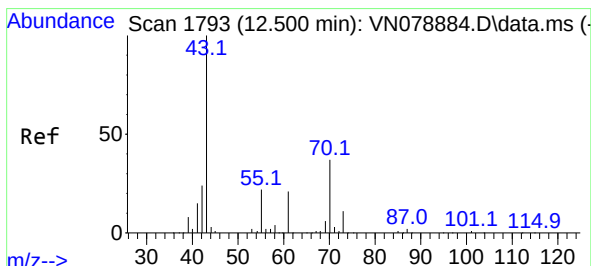
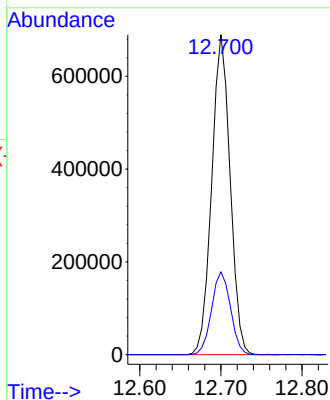
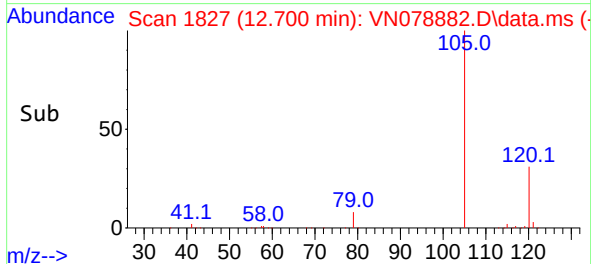
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



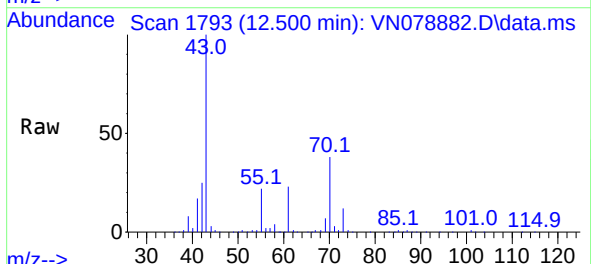
Tgt Ion:105 Resp: 1084929
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

Manual Integrations
APPROVED

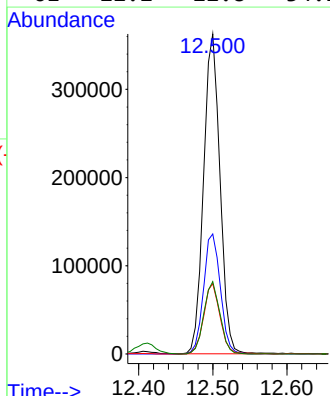
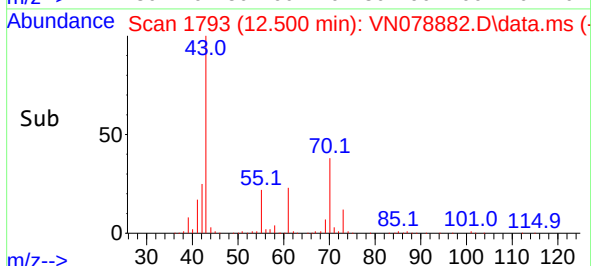
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

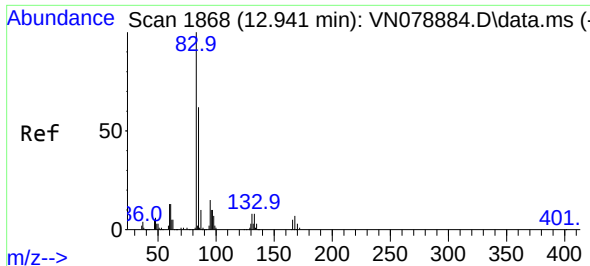


#74
N-ethyl acetate
Concen: 91.792 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



Tgt Ion: 43 Resp: 557376
Ion Ratio Lower Upper
43 100
70 38.5 43.4 65.2#
55 22.0 21.4 32.0
61 22.2 22.8 34.2#





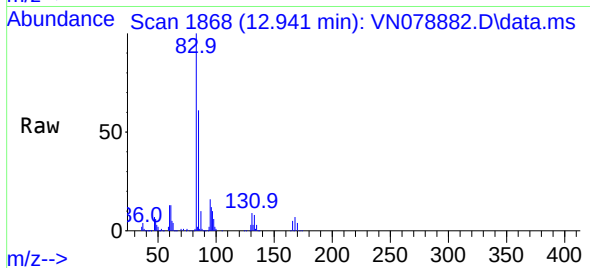
#75
1,1,2,2-Tetrachloroethane
Concen: 84.163 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



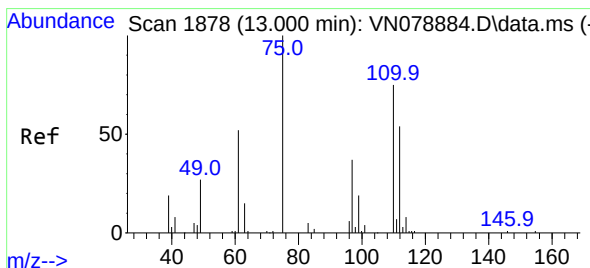
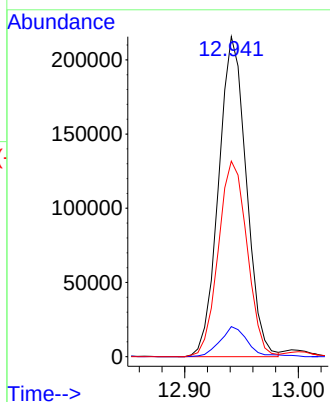
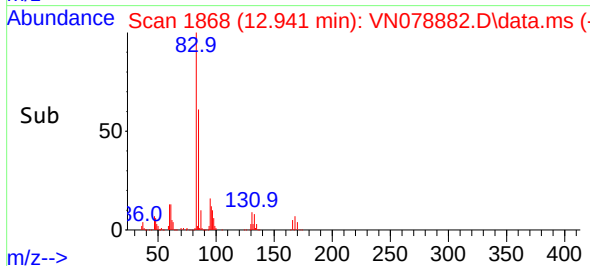
Tgt Ion: 83 Resp: 365572
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 63.2 31.9 95.7

Manual Integrations

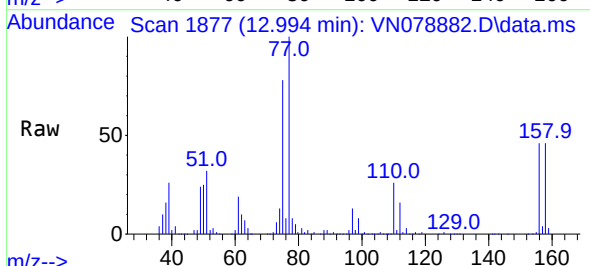
APPROVED

Reviewed By :John Carlone 08/16/2023

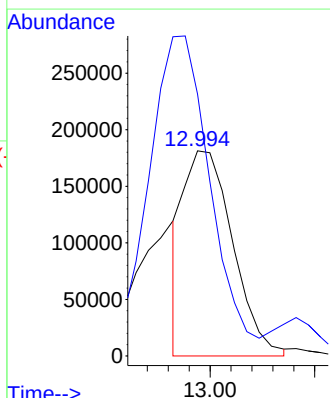
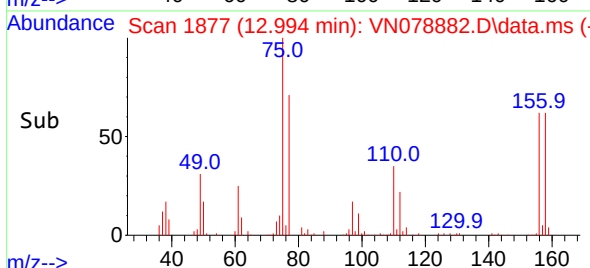
Supervised By :Mahesh Dadoda 08/16/2023

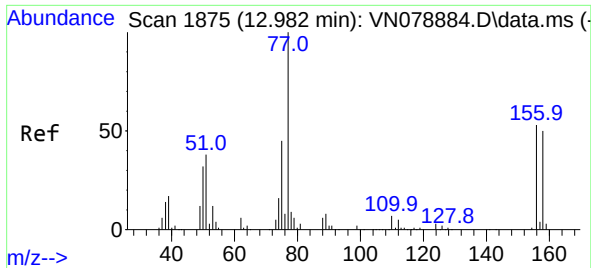


#76
1,2,3-Trichloropropane
Concen: 55.096 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



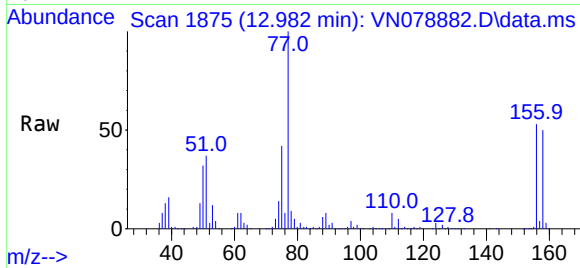
Tgt Ion: 75 Resp: 294933
Ion Ratio Lower Upper
75 100
77 197.4 84.5 253.5





#77
Bromobenzene
Concen: 89.668 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

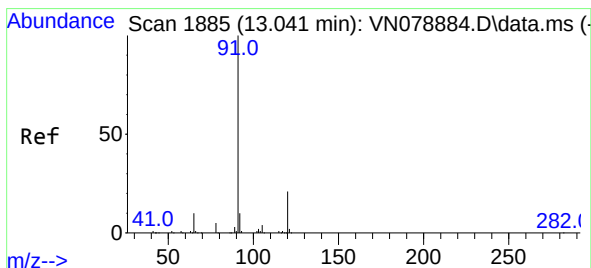
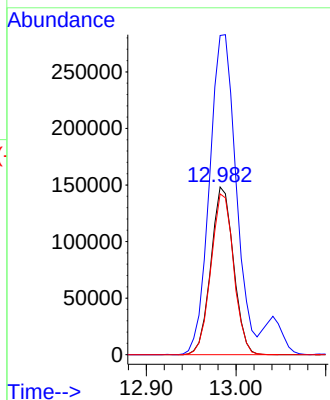
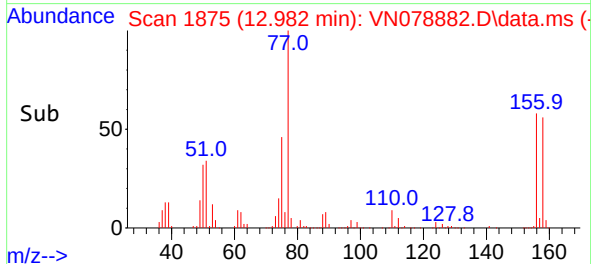
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



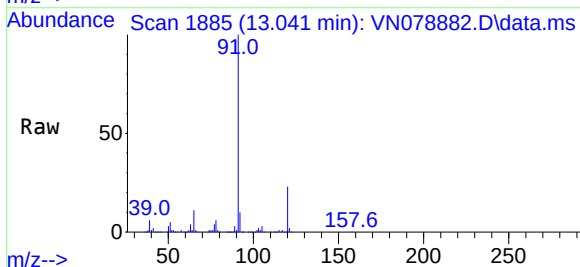
Tgt Ion:156 Resp: 25928
Ion Ratio Lower Upper
156 100
77 224.5 107.7 323.3
158 96.2 48.4 145.3

Manual Integrations
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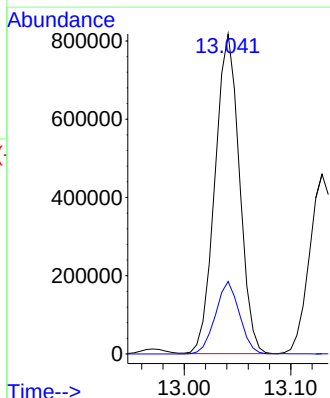
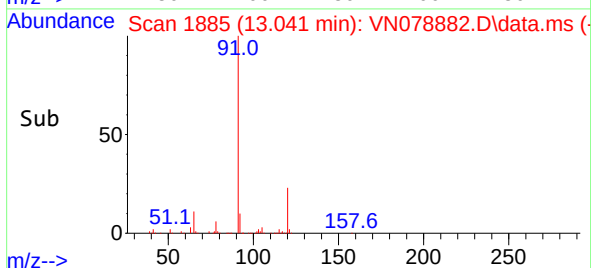
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

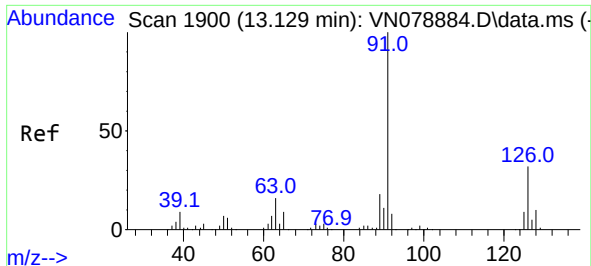


#78
n-propylbenzene
Concen: 93.053 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



Tgt Ion: 91 Resp: 1298057
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





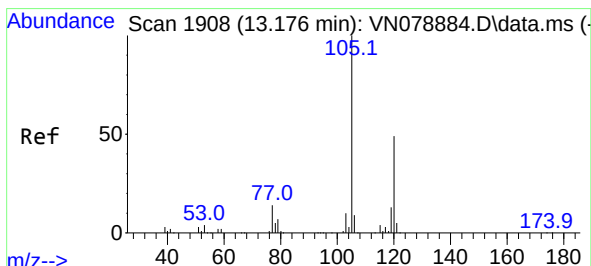
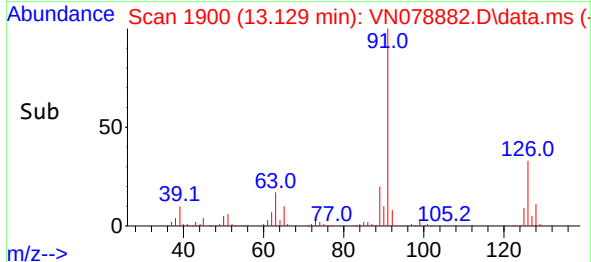
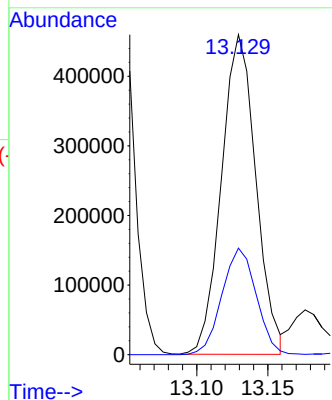
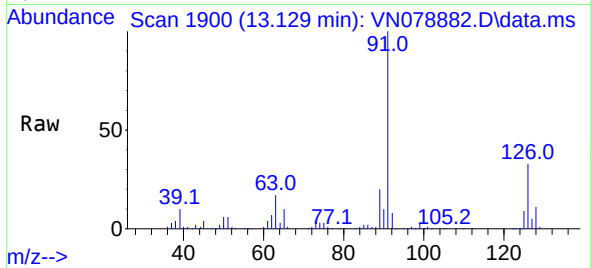
#79
2-Chlorotoluene
Concen: 89.482 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 774302
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8

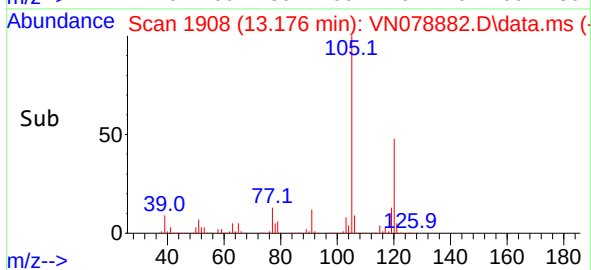
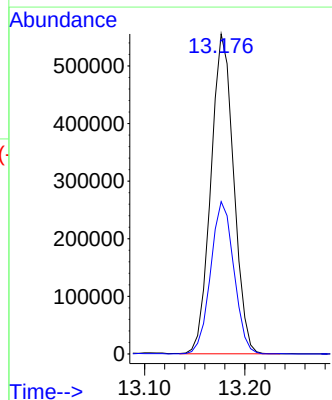
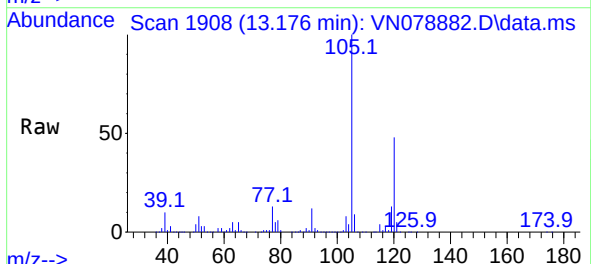
Manual Integrations
APPROVED

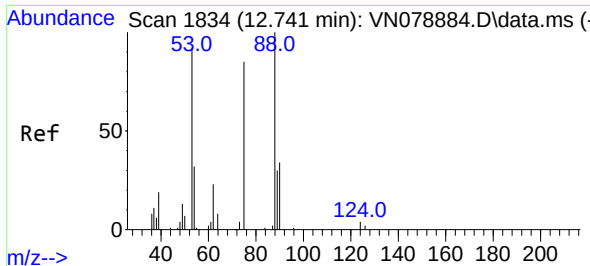
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 92.077 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Tgt Ion:105 Resp: 877780
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





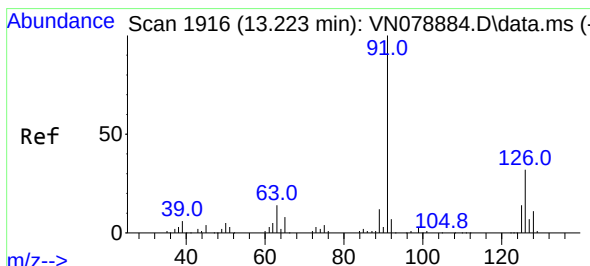
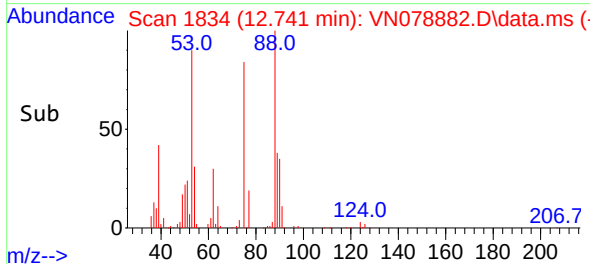
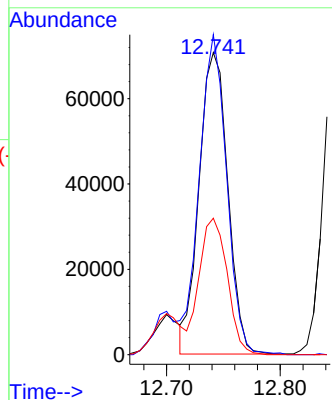
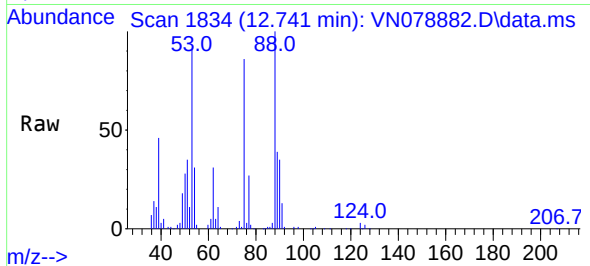
#81
trans-1,4-Dichloro-2-butene
Concen: 91.160 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 124052
Ion Ratio Lower Upper
75 100
53 103.3 67.4 101.2
89 44.0 38.8 58.2

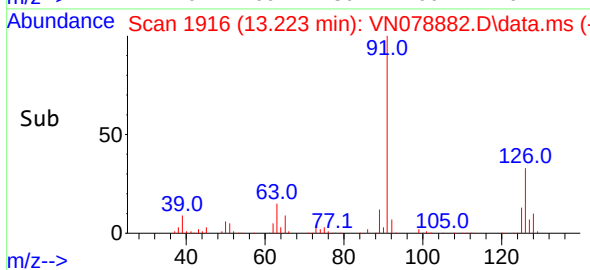
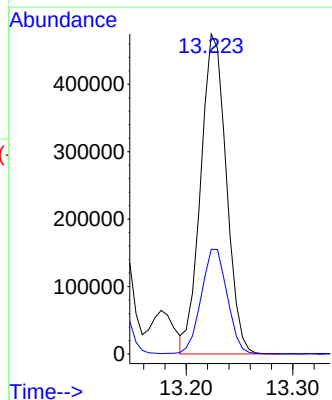
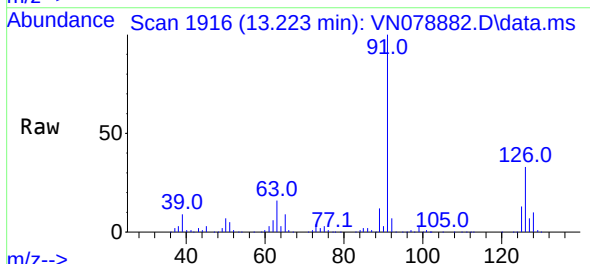
Manual Integrations
APPROVED

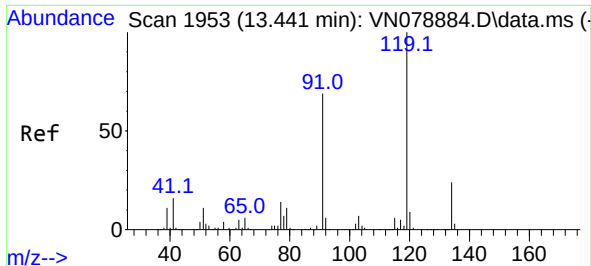
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#82
4-Chlorotoluene
Concen: 93.573 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Tgt Ion: 91 Resp: 792274
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0





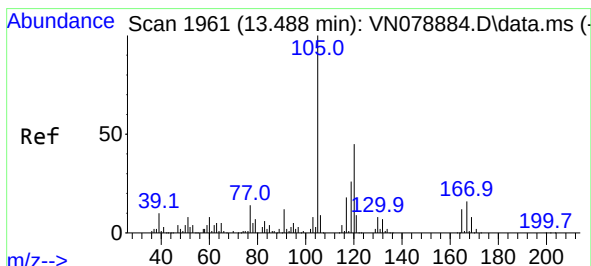
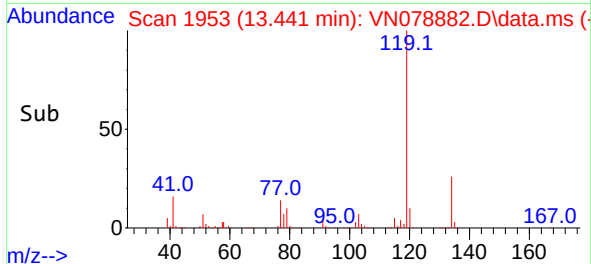
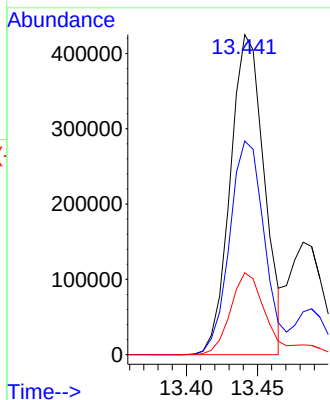
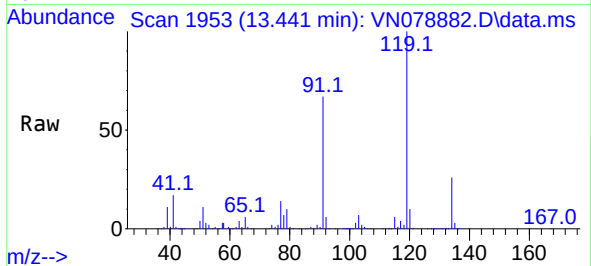
#83
tert-Butylbenzene
Concen: 88.319 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 70742
Ion Ratio Lower Upper
119 100
91 68.7 33.9 101.7
134 28.1 13.2 39.6

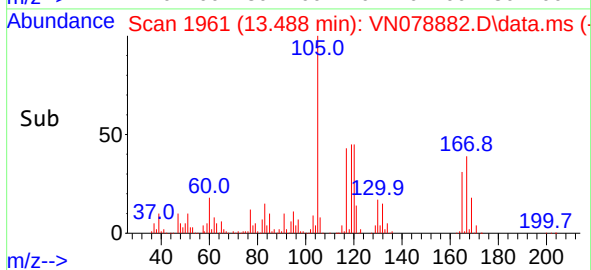
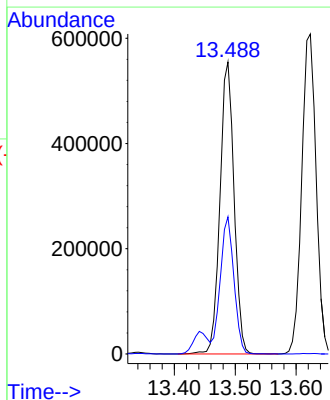
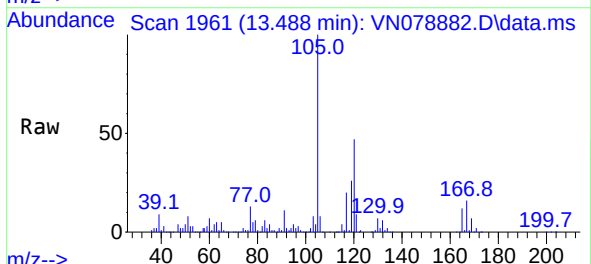
Manual Integrations
APPROVED

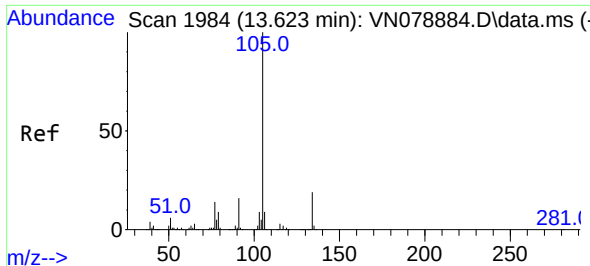
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#84
1,2,4-Trimethylbenzene
Concen: 94.487 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

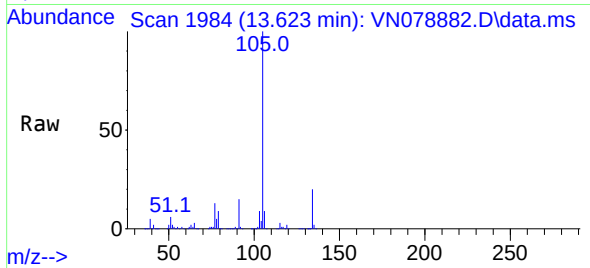
Tgt Ion:105 Resp: 891909
Ion Ratio Lower Upper
105 100
120 45.5 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 90.347 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078882.D
 Acq: 15 Aug 2023 11:25

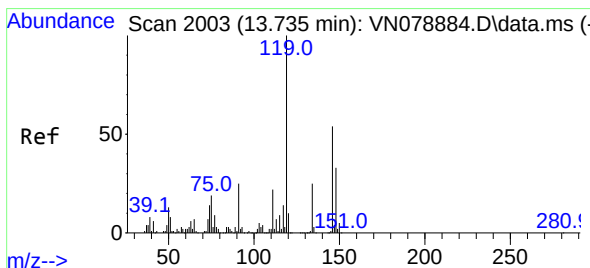
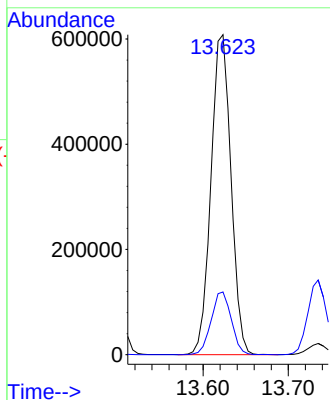
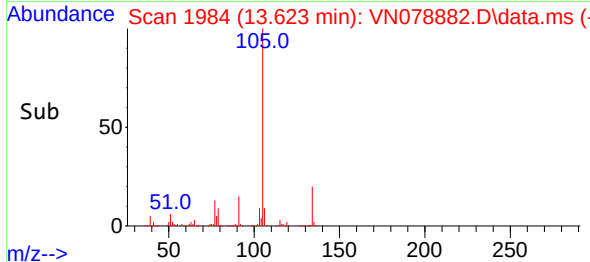
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



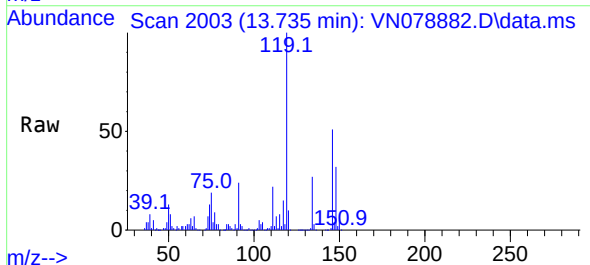
Tgt Ion:105 Resp: 995899
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

Manual Integrations
 APPROVED

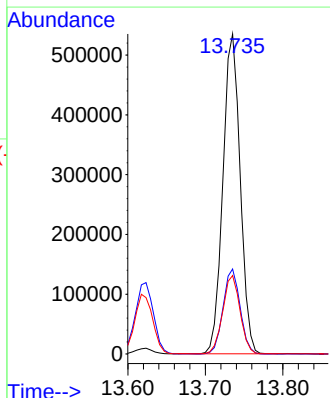
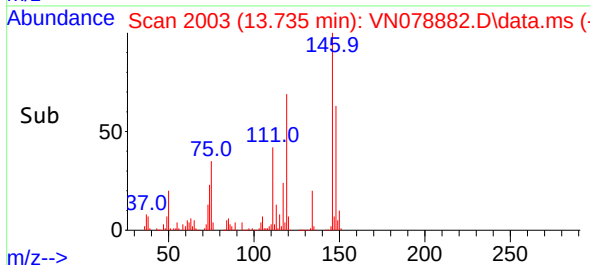
Reviewed By :John Carlone 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

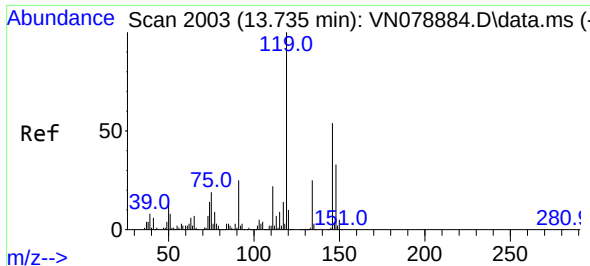


#86
 p-Isopropyltoluene
 Concen: 94.189 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078882.D
 Acq: 15 Aug 2023 11:25



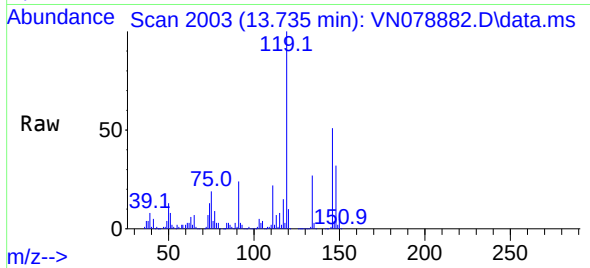
Tgt Ion:119 Resp: 829513
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 24.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 94.360 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

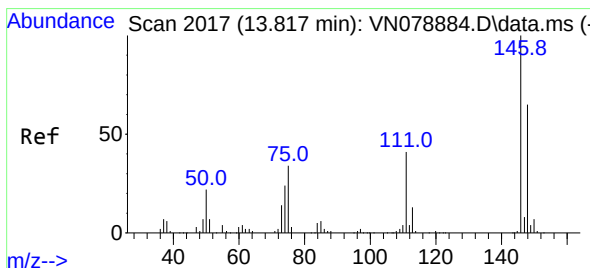
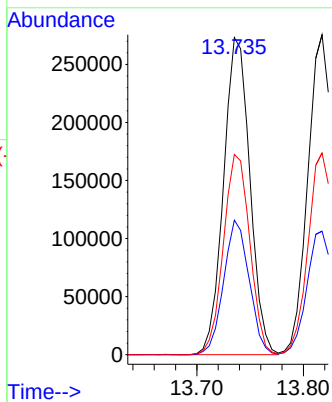
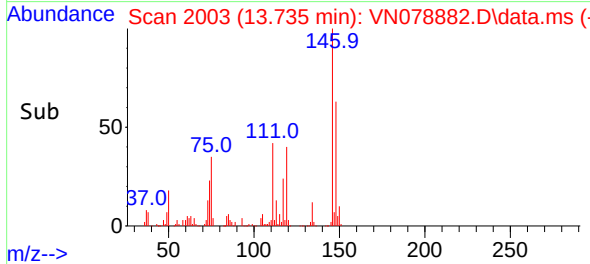
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



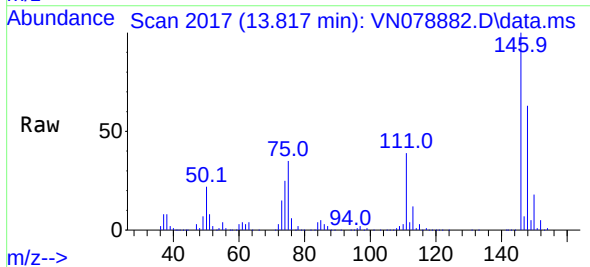
Tgt Ion:146 Resp: 469508
Ion Ratio Lower Upper
146 100
111 41.1 22.1 66.3
148 63.4 32.0 96.0

Manual Integrations
APPROVED

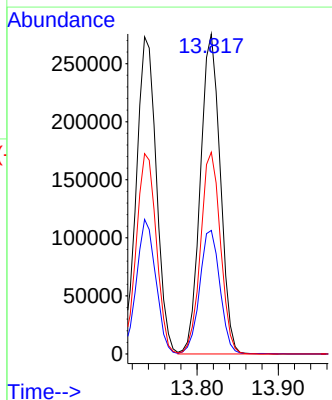
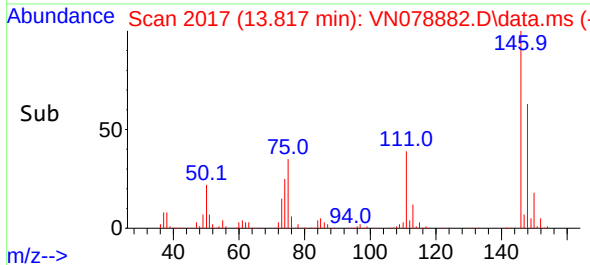
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

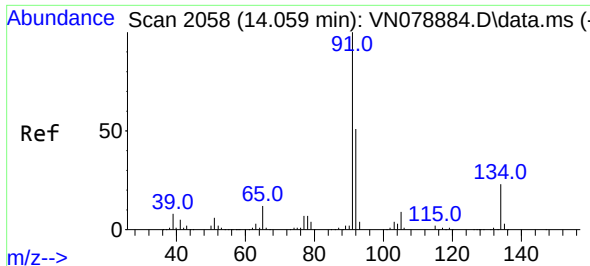


#88
1,4-Dichlorobenzene
Concen: 94.033 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



Tgt Ion:146 Resp: 468302
Ion Ratio Lower Upper
146 100
111 39.1 20.6 61.8
148 63.1 31.6 94.8





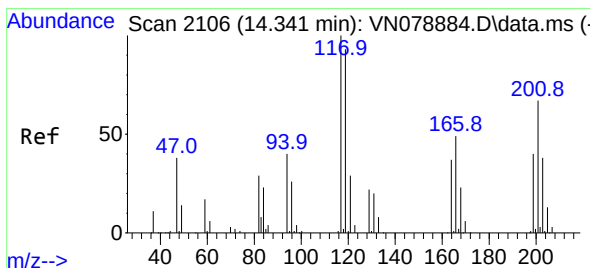
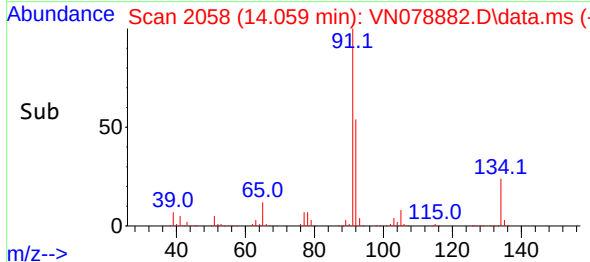
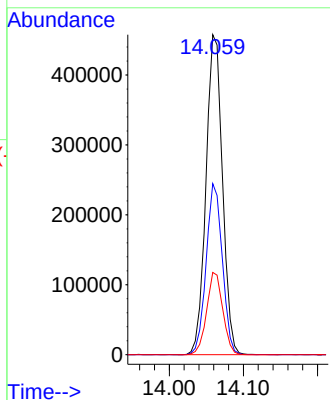
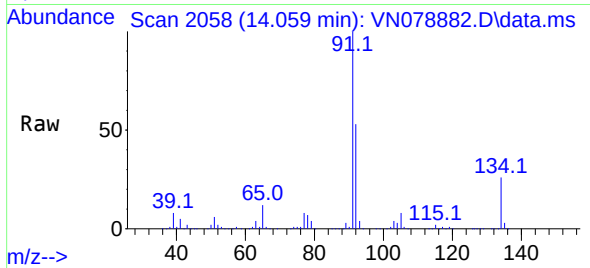
#89
n-Butylbenzene
Concen: 97.678 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 70794
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 25.2 12.6 37.6

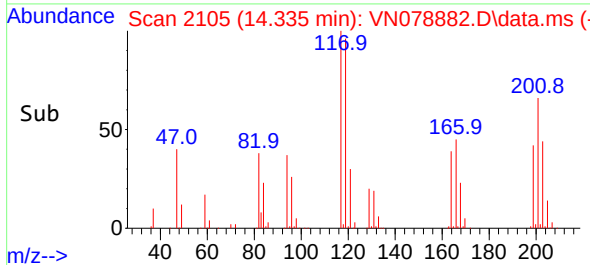
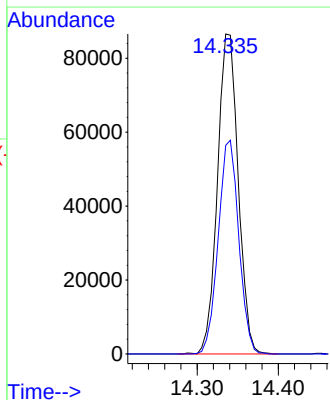
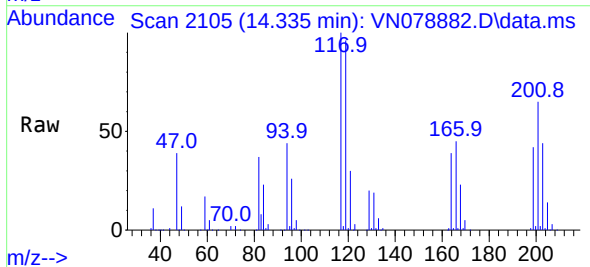
Manual Integrations
APPROVED

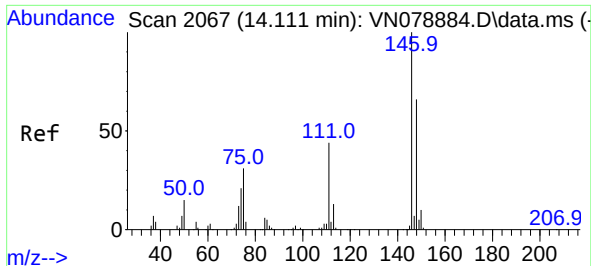
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#90
Hexachloroethane
Concen: 87.048 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Tgt Ion:117 Resp: 153675
Ion Ratio Lower Upper
117 100
201 66.3 29.3 88.0





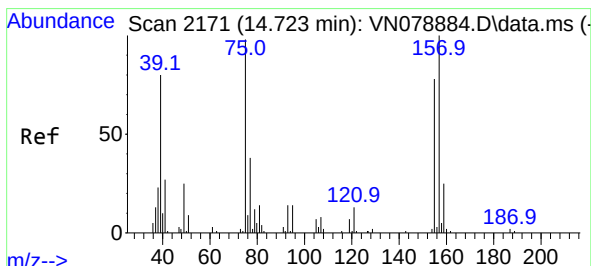
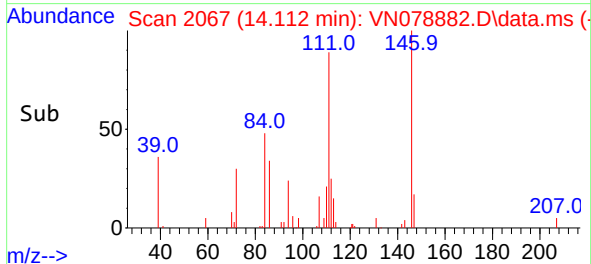
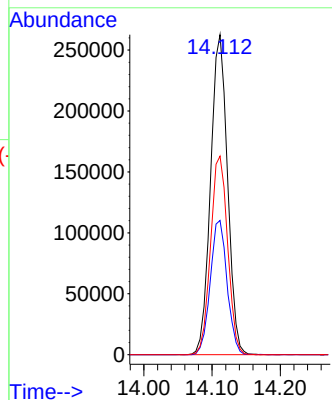
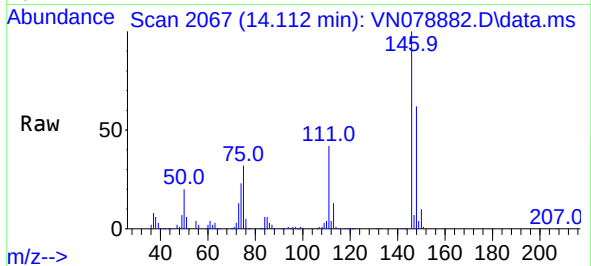
#91
1,2-Dichlorobenzene
Concen: 91.720 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:146 Resp: 45384
Ion Ratio Lower Upper
146 100
111 41.7 22.0 66.0
148 62.6 31.8 95.3

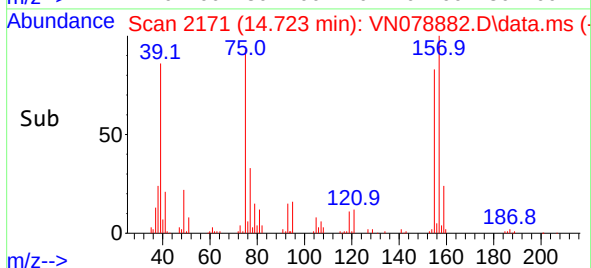
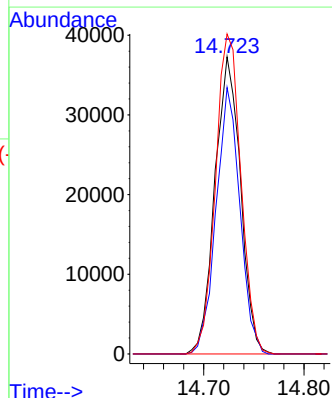
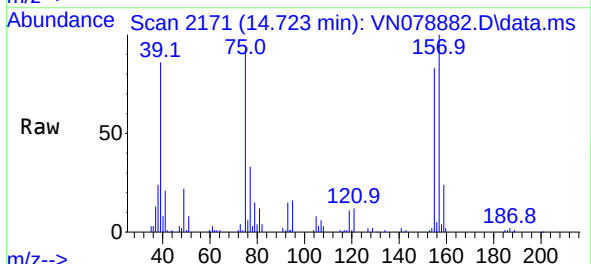
Manual Integrations
APPROVED

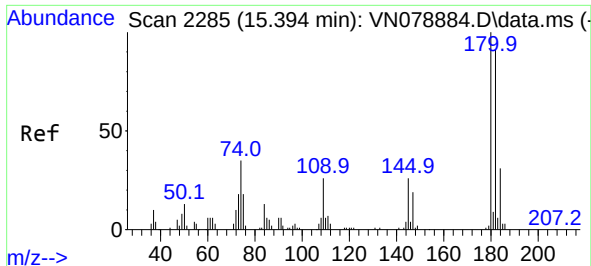
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 96.003 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Tgt Ion: 75 Resp: 66093
Ion Ratio Lower Upper
75 100
155 83.4 39.1 117.2
157 106.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 107.461 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

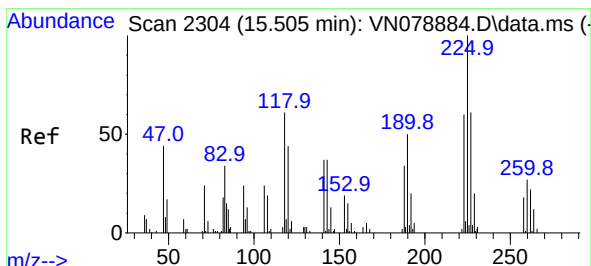
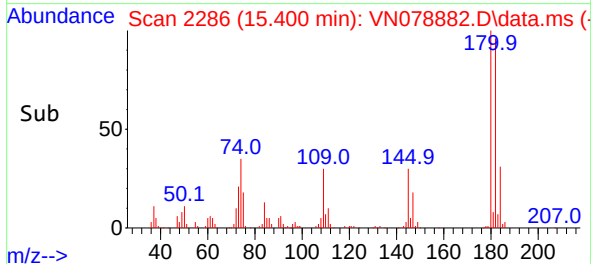
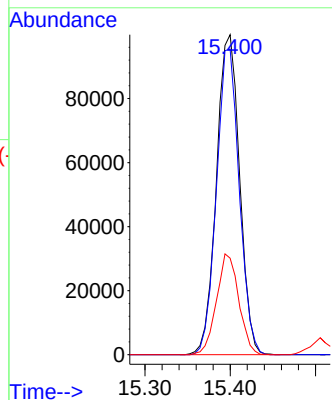
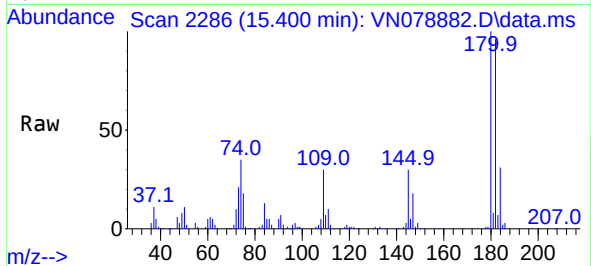
VSTDICC100

Tgt Ion:180 Resp: 18850
Ion Ratio Lower Upper
180 100
182 94.0 46.1 138.2
145 30.3 16.6 49.8

Manual Integrations

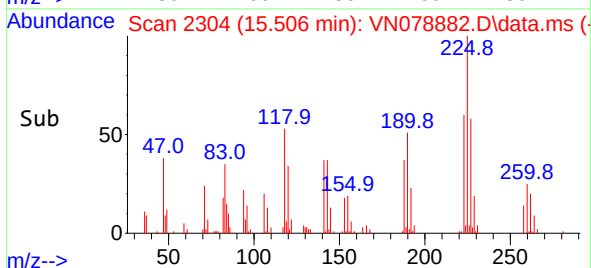
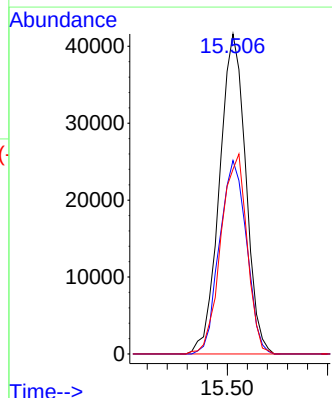
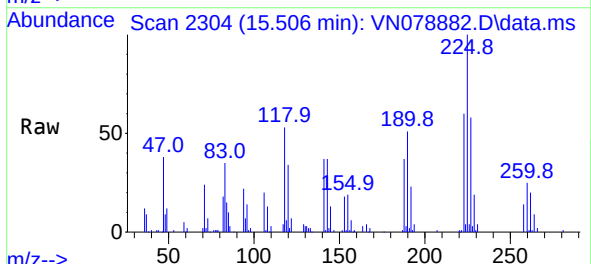
APPROVED

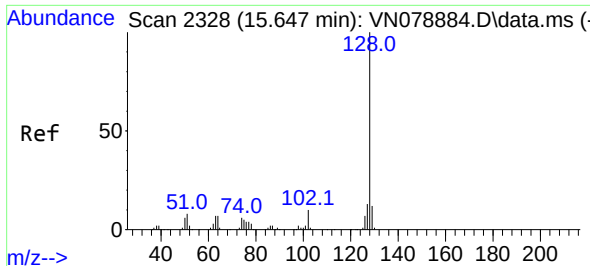
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#94
Hexachlorobutadiene
Concen: 98.631 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

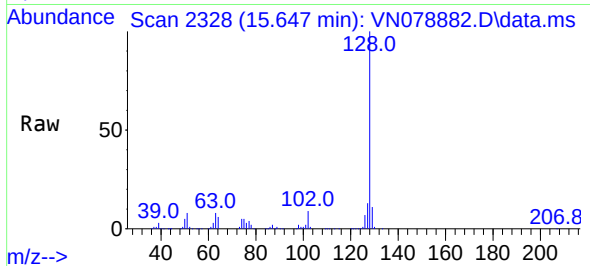
Tgt Ion:225 Resp: 75488
Ion Ratio Lower Upper
225 100
223 62.3 31.3 93.8
227 62.2 31.9 95.9





#95
Naphthalene
Concen: 99.564 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25

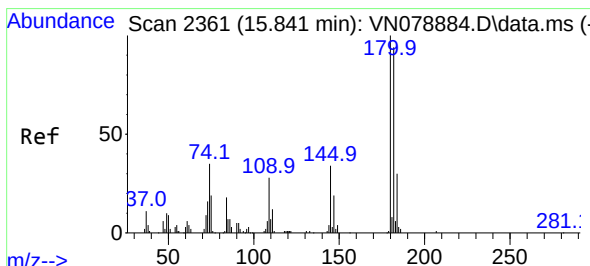
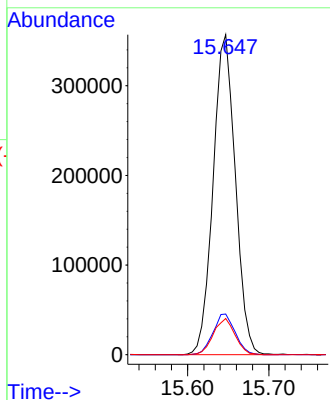
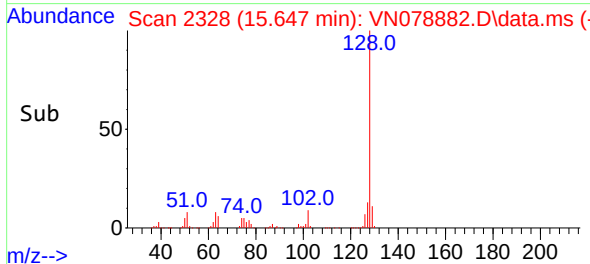
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



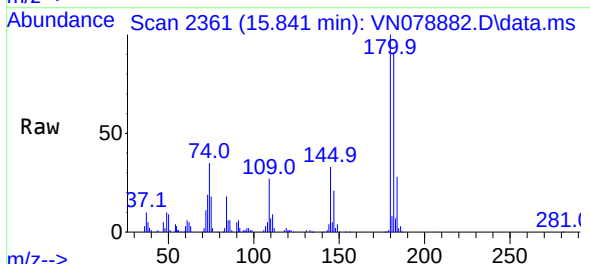
Tgt Ion:128 Resp: 679830
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 102.161 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078882.D
Acq: 15 Aug 2023 11:25



Tgt Ion:180 Resp: 196274
Ion Ratio Lower Upper
180 100
182 91.9 46.2 138.6
145 32.9 17.5 52.6

