

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072831.D
 Acq On : 14 Jun 2022 13:22
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/15/2022
 Supervised By : Mahesh Dadoda 06/15/2022

Quant Time: Jun 14 14:07:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 14 14:06:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	298869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	542776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	486315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	176877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	86370	11.267	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	22.540%#		
35) Dibromofluoromethane	8.016	113	63806	12.745	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	25.480%#		
50) Toluene-d8	10.439	98	259237	12.896	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	25.800%#		
62) 4-Bromofluorobenzene	12.727	95	82534	11.669	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	23.340%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	47574	10.991	ug/l	97
3) Chloromethane	2.293	50	52281	10.307	ug/l	92
4) Vinyl Chloride	2.434	62	44353	9.027	ug/l	95
5) Bromomethane	2.846	94	20116	10.351	ug/l	96
6) Chloroethane	3.010	64	26931	7.581	ug/l	97
7) Trichlorofluoromethane	3.363	101	87525	11.300	ug/l	95
8) Diethyl Ether	3.822	74	40875	13.260	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.199	101	52074	12.041	ug/l	94
10) Methyl Iodide	4.422	142	50412	16.473	ug/l	98
11) Tert butyl alcohol	5.363	59	92422	12.206	ug/l	100
12) 1,1-Dichloroethene	4.175	96	49467	12.615	ug/l	96
13) Acrolein	4.040	56	19752	50.453	ug/l	97
14) Allyl chloride	4.840	41	110806	12.136	ug/l #	95
15) Acrylonitrile	5.551	53	246108	67.051	ug/l	99
16) Acetone	4.281	43	222685	62.181	ug/l	94
17) Carbon Disulfide	4.528	76	93301	9.927	ug/l	100
18) Methyl Acetate	4.846	43	123113	13.065	ug/l	90
19) Methyl tert-butyl Ether	5.616	73	213928	11.824	ug/l	100
20) Methylene Chloride	5.093	84	66695	11.670	ug/l	88
21) trans-1,2-Dichloroethene	5.598	96	53154	12.041	ug/l	95
22) Diisopropyl ether	6.492	45	246872	12.992	ug/l	96
23) Vinyl Acetate	6.428	43	1074088	62.731	ug/l	95
24) 1,1-Dichloroethane	6.381	63	118409	11.938	ug/l	98
25) 2-Butanone	7.328	43	367386	65.577	ug/l	94
26) 2,2-Dichloropropane	7.322	77	90555	9.968	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	71916	12.949	ug/l	95
28) Bromochloromethane	7.651	49	62146	13.111	ug/l #	81
29) Tetrahydrofuran	7.681	42	237725	68.391	ug/l	87
30) Chloroform	7.816	83	123883	12.086	ug/l	98
31) Cyclohexane	8.092	56	99573	12.157	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	100494	11.139	ug/l	95
36) 1,1-Dichloropropene	8.216	75	79081	11.241	ug/l	98
37) Ethyl Acetate	7.410	43	140380	12.966	ug/l	95
38) Carbon Tetrachloride	8.204	117	81551	11.116	ug/l	93
39) Methylcyclohexane	9.457	83	91842	11.511	ug/l	95
40) Benzene	8.457	78	264268	12.614	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	71810	13.893	ug/l #	84
42) 1,2-Dichloroethane	8.528	62	99849	11.183	ug/l	97
43) Isopropyl Acetate	8.557	43	209651	12.591	ug/l	93
44) Trichloroethene	9.216	130	63363	13.249	ug/l	96
45) 1,2-Dichloropropane	9.486	63	73523	12.494	ug/l	97
46) Dibromomethane	9.575	93	48561	12.397	ug/l	89
47) Bromodichloromethane	9.757	83	99052	12.194	ug/l	97
48) Methyl methacrylate	9.557	41	99719	12.825	ug/l	88
49) 1,4-Dioxane	9.569	88	37353	283.101	ug/l #	89
51) 4-Methyl-2-Pentanone	10.328	43	732089	66.499	ug/l	90
52) Toluene	10.504	92	164053	12.354	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	103768	12.057	ug/l	91
54) cis-1,3-Dichloropropene	10.186	75	112449	12.245	ug/l #	88
55) 1,1,2-Trichloroethane	10.892	97	73944	13.121	ug/l	97
56) Ethyl methacrylate	10.757	69	125817	12.854	ug/l #	86
57) 1,3-Dichloropropane	11.039	76	127719	12.659	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.039	63	272581	66.484	ug/l	94
59) 2-Hexanone	11.080	43	533701	65.576	ug/l	89
60) Dibromochloromethane	11.233	129	72842	12.538	ug/l	100
61) 1,2-Dibromoethane	11.345	107	73120	12.872	ug/l	96
64) Tetrachloroethene	10.975	164	56928	15.806	ug/l	94
65) Chlorobenzene	11.769	112	174682	14.286	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	66991	14.454	ug/l	97
67) Ethyl Benzene	11.839	91	318421	14.018	ug/l	99
68) m/p-Xylenes	11.951	106	232497	28.525	ug/l	95
69) o-Xylene	12.274	106	119109	14.535	ug/l	96
70) Styrene	12.292	104	187284	14.336	ug/l	98
71) Bromoform	12.457	173	48445	14.254	ug/l #	97
73) Isopropylbenzene	12.574	105	310472	17.528	ug/l	98
74) N-amyl acetate	12.386	43	144430	17.052	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.821	83	112193	17.970	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	107674m	18.078	ug/l	
77) Bromobenzene	12.857	156	68199	18.895	ug/l	84
78) n-propylbenzene	12.916	91	332957	16.937	ug/l	97
79) 2-Chlorotoluene	13.004	91	208589	16.859	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	248052	17.362	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	30610	15.864	ug/l	90
82) 4-Chlorotoluene	13.104	91	194020	16.807	ug/l	96
83) tert-Butylbenzene	13.321	119	221937	17.395	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	234916	17.122	ug/l	97
85) sec-Butylbenzene	13.498	105	298489	17.475	ug/l	98
86) p-Isopropyltoluene	13.610	119	228976	17.216	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	111092	18.043	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	109093	17.956	ug/l	96
89) n-Butylbenzene	13.939	91	180917	16.087	ug/l	98
90) Hexachloroethane	14.204	117	45069	15.937	ug/l	83
91) 1,2-Dichlorobenzene	13.986	146	115653	18.911	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.604	75	22841	16.852	ug/l	89
93) 1,2,4-Trichlorobenzene	15.262	180	52531	18.870	ug/l	97
94) Hexachlorobutadiene	15.362	225	25004	18.663	ug/l	98
95) Naphthalene	15.504	128	201723	18.528	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	55456	19.214	ug/l	98

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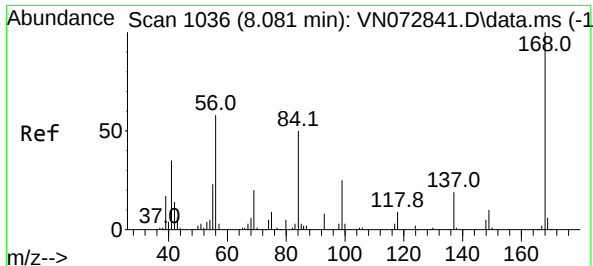
Manual Integrations
APPROVED

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Response via : Initial Calibration

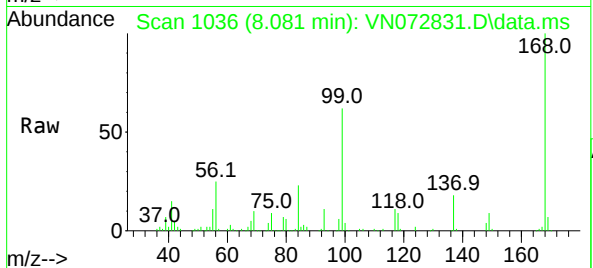
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. 0.001 min
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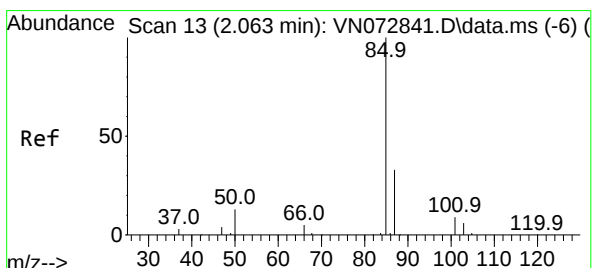
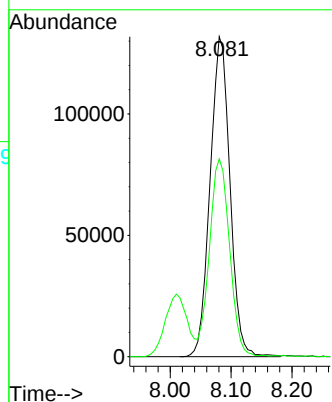
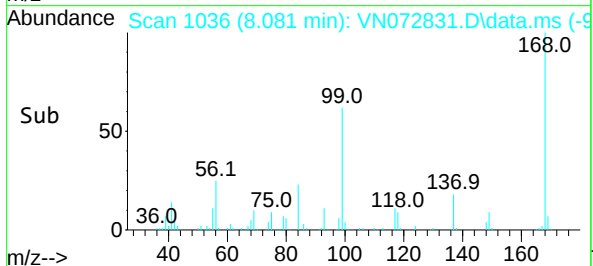
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 298869
Ion Ratio Lower Upper
168 100
99 61.6 42.3 63.5

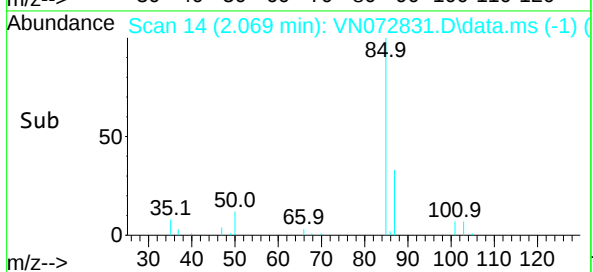
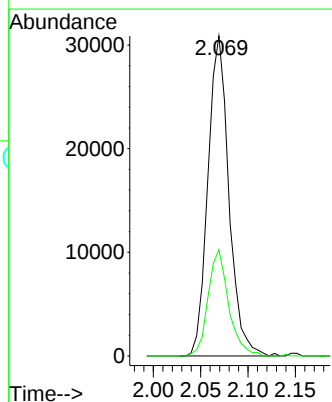
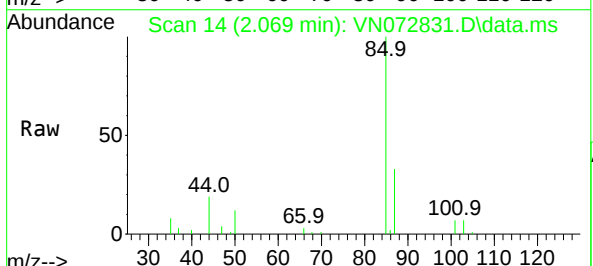
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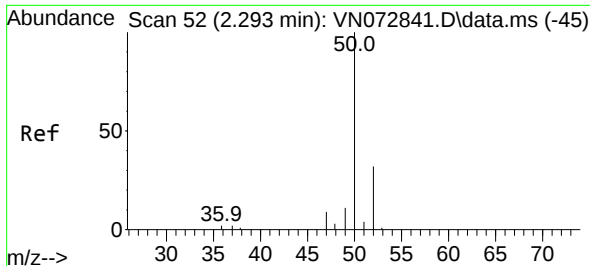
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#2
Dichlorodifluoromethane
Concen: 10.991 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

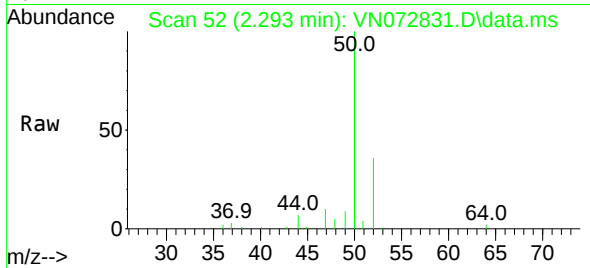
Tgt Ion: 85 Resp: 47574
Ion Ratio Lower Upper
85 100
87 33.3 15.7 47.1





#3
Chloromethane
Concen: 10.307 ug/l
RT: 2.293 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

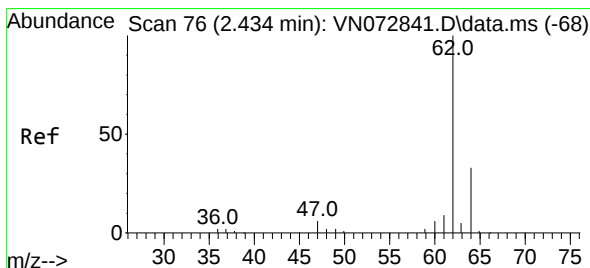
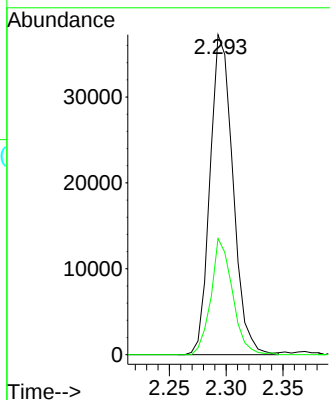
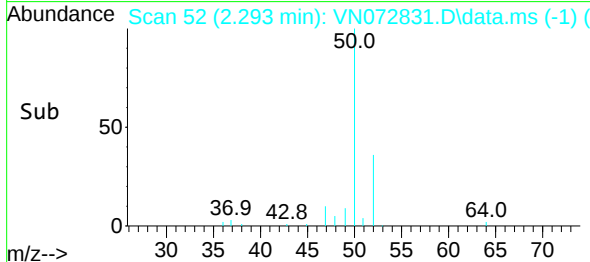
Instrument :
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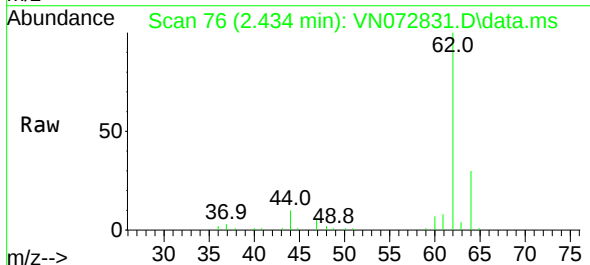
Tgt Ion: 50 Resp: 5228
Ion Ratio Lower Upper
50 100
52 36.3 25.7 38.5

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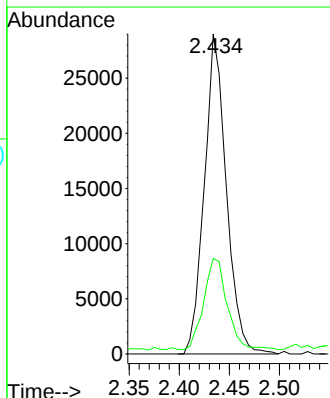
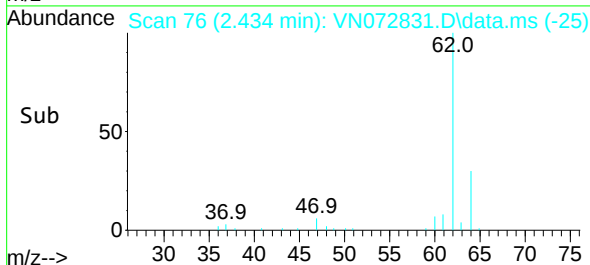
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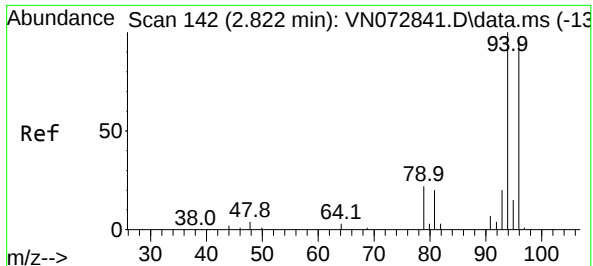


#4
Vinyl Chloride
Concen: 9.027 ug/l
RT: 2.434 min Scan# 76
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



Tgt Ion: 62 Resp: 44353
Ion Ratio Lower Upper
62 100
64 28.5 25.0 37.4





#5

Bromomethane

Concen: 10.351 ug/l

RT: 2.846 min Scan# 14

Delta R.T. 0.018 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 94 Resp: 20110

Ion Ratio Lower Upper

94 100

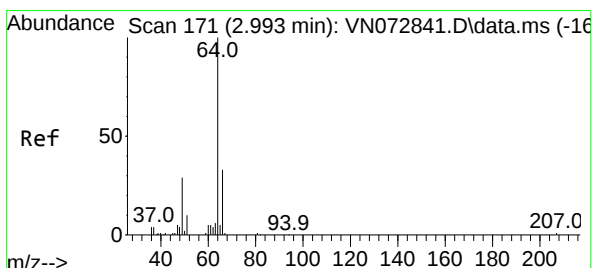
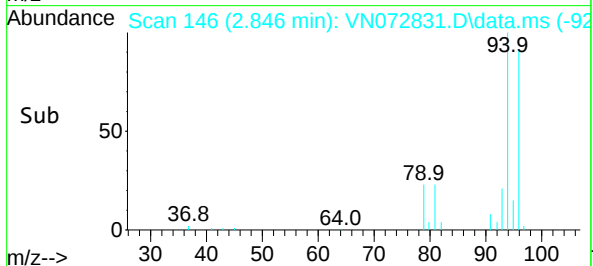
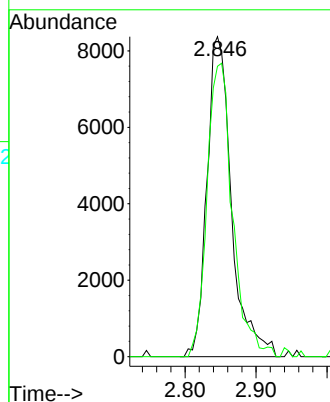
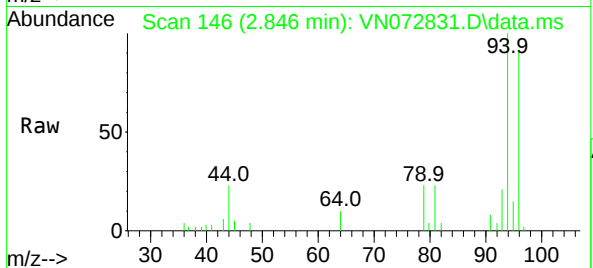
96 90.7 76.0 114.0

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#6

Chloroethane

Concen: 7.581 ug/l

RT: 3.010 min Scan# 174

Delta R.T. 0.012 min

Lab File: VN072831.D

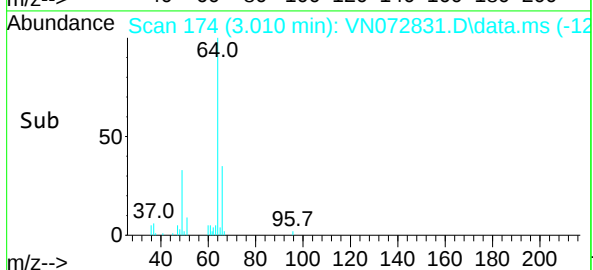
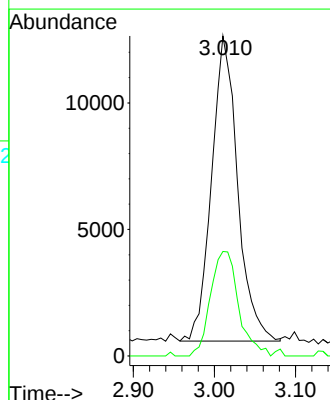
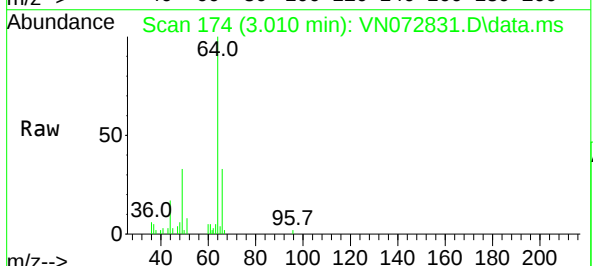
Acq: 14 Jun 2022 13:22

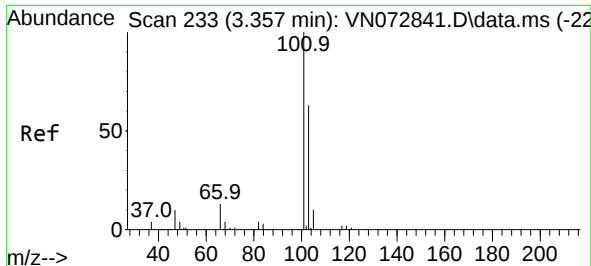
Tgt Ion: 64 Resp: 26931

Ion Ratio Lower Upper

64 100

66 34.2 26.2 39.4





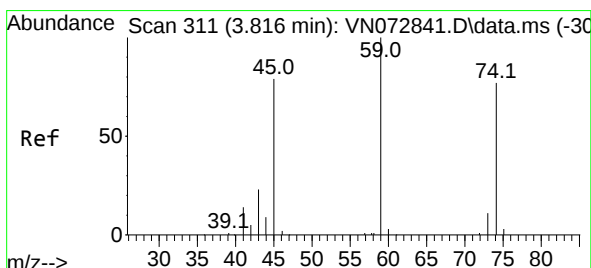
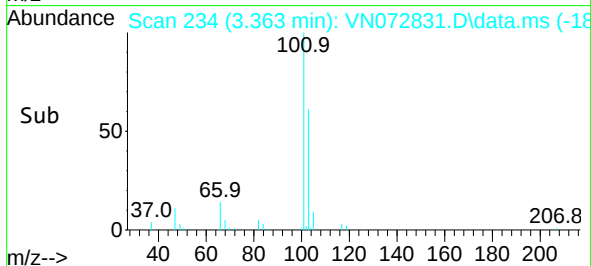
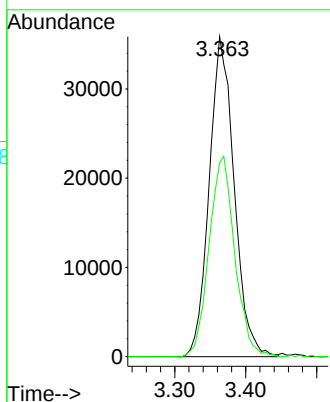
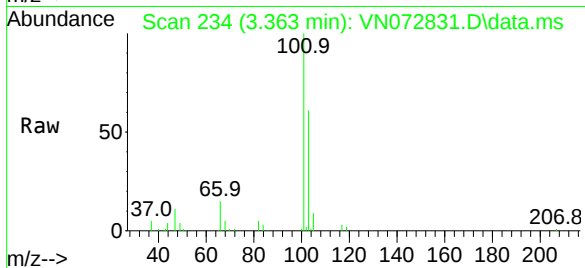
#7
Trichlorofluoromethane
Concen: 11.300 ug/l
RT: 3.363 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 8752
Ion Ratio Lower Upper
101 100
103 60.6 51.5 77.3

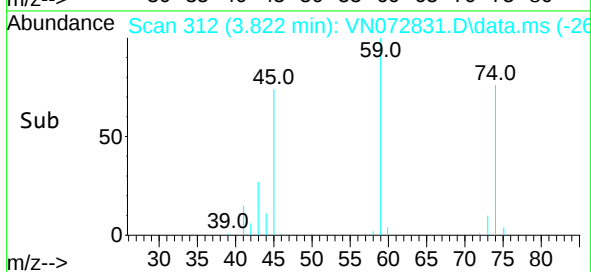
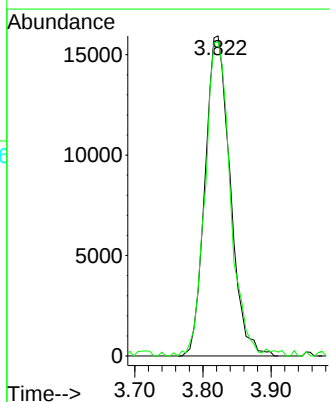
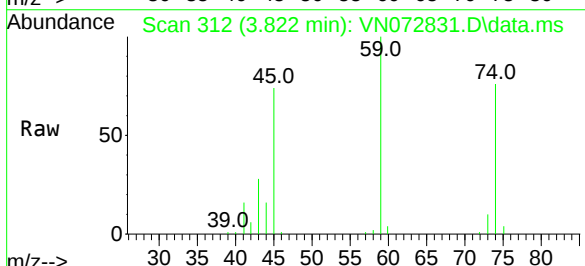
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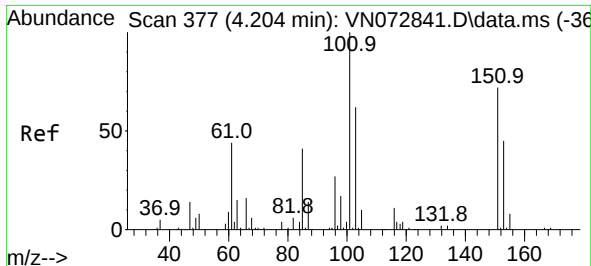
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#8
Diethyl Ether
Concen: 13.260 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

Tgt Ion: 74 Resp: 40875
Ion Ratio Lower Upper
74 100
45 98.6 42.9 128.5





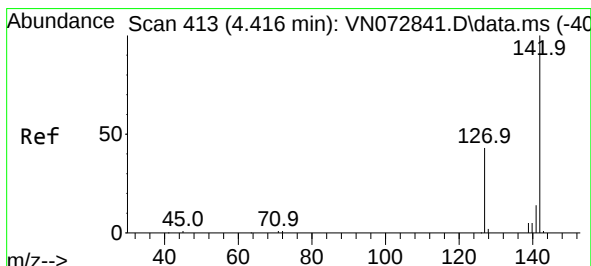
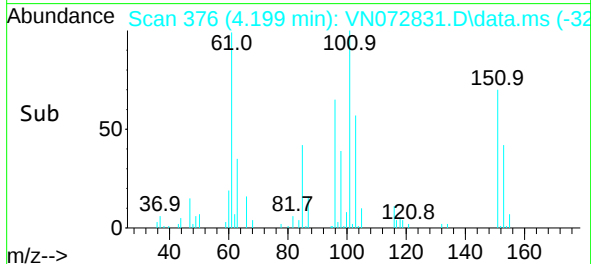
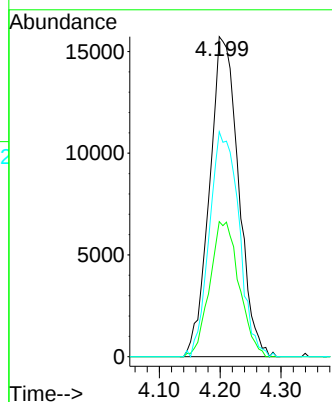
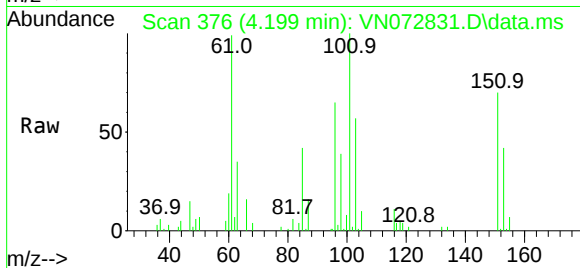
#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.041 ug/l
RT: 4.199 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 52074
Ion Ratio Lower Upper
101 100
85 42.7 34.7 52.1
151 71.6 63.0 94.4

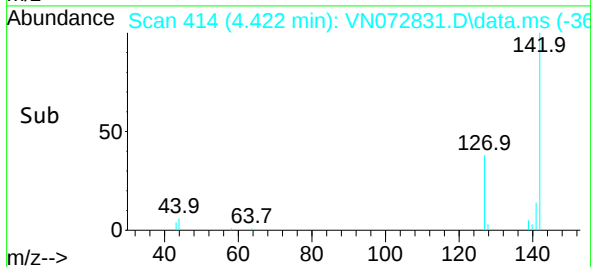
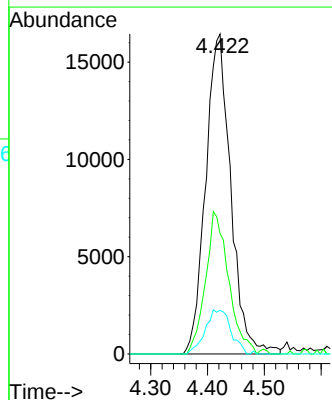
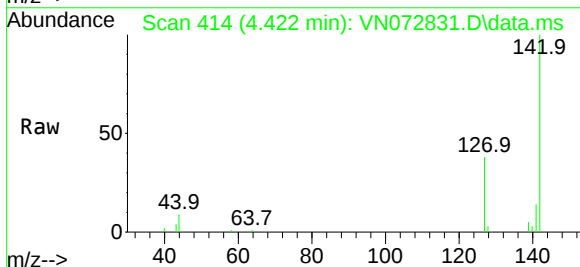
Manual Integrations
APPROVED

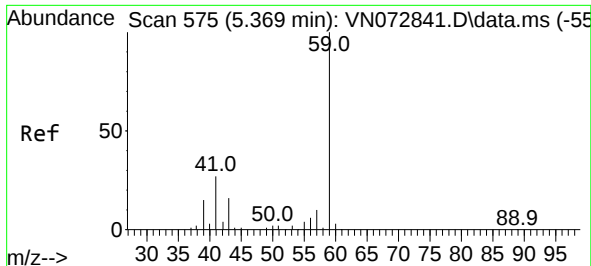
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#10
Methyl Iodide
Concen: 16.473 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.006 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

Tgt Ion:142 Resp: 50412
Ion Ratio Lower Upper
142 100
127 40.9 31.3 46.9
141 14.0 11.2 16.8





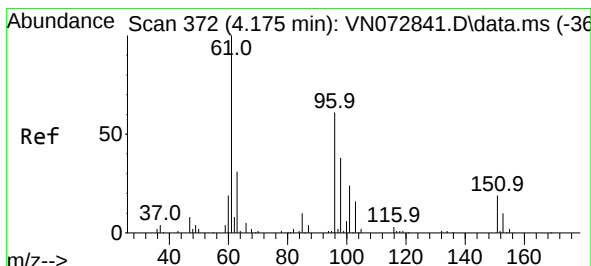
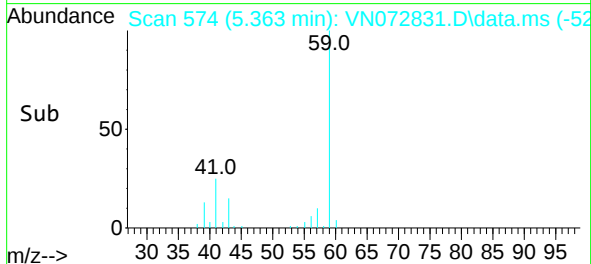
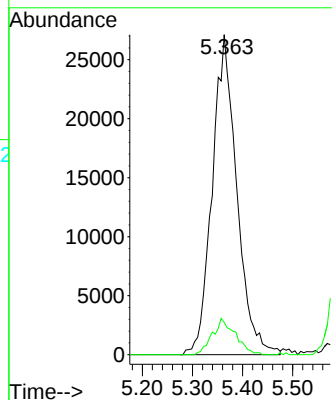
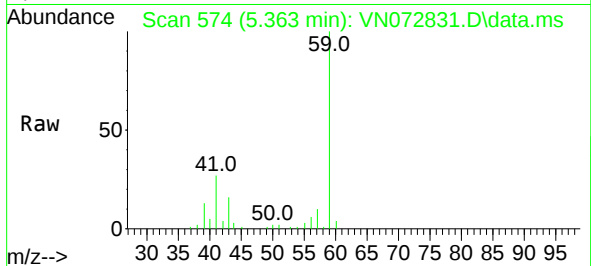
#11
Tert butyl alcohol
Concen: 12.206 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 9242
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

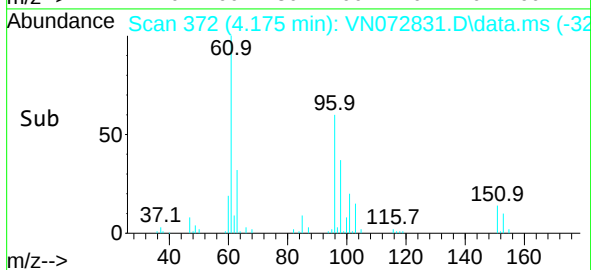
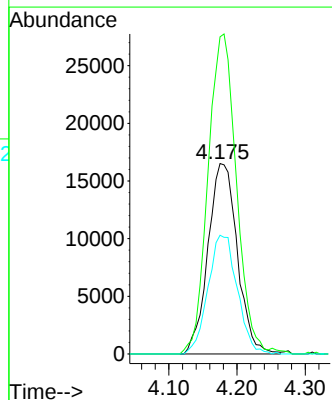
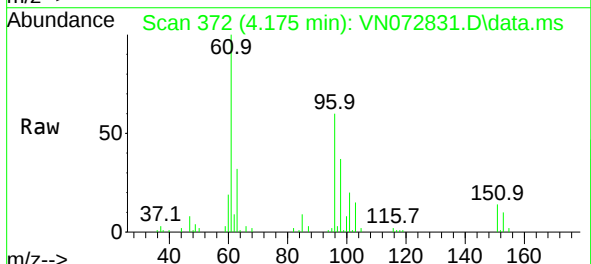
Manual Integrations
APPROVED

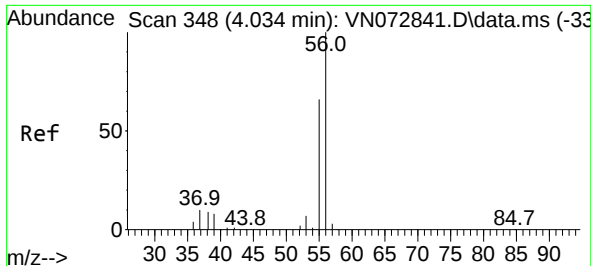
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#12
1,1-Dichloroethene
Concen: 12.615 ug/l
RT: 4.175 min Scan# 372
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

Tgt Ion: 96 Resp: 49467
Ion Ratio Lower Upper
96 100
61 166.6 127.6 191.4
98 62.3 51.2 76.8





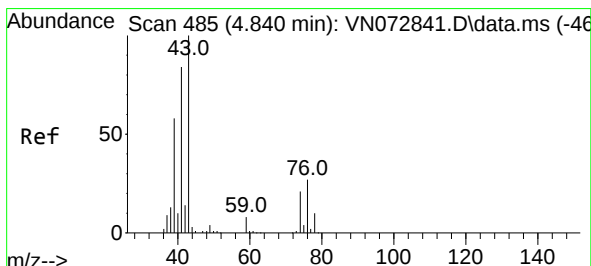
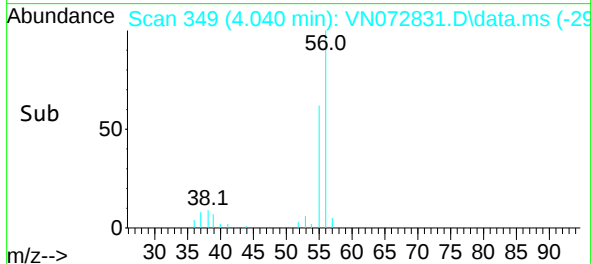
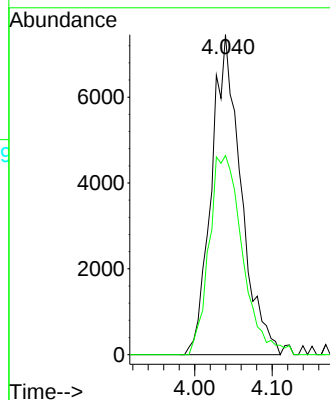
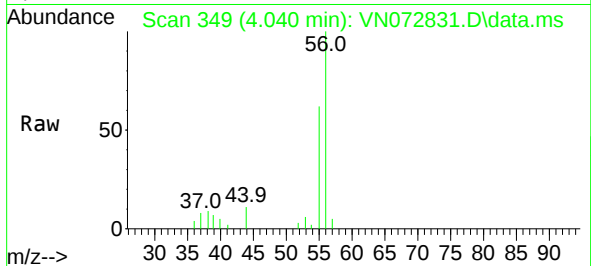
#13
Acrolein
Concen: 50.453 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 19752
Ion Ratio Lower Upper
56 100
55 70.5 54.8 82.2

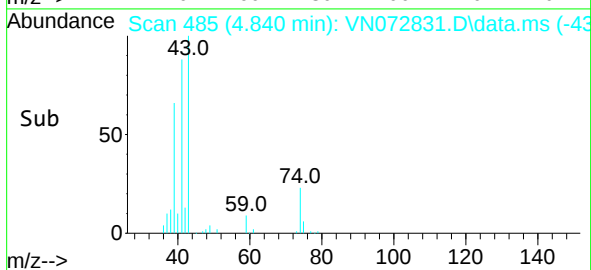
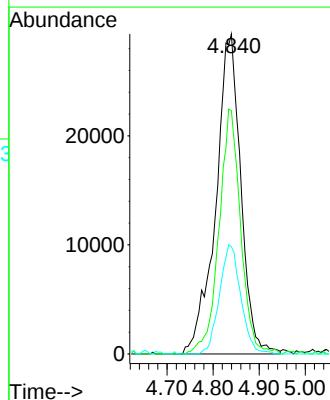
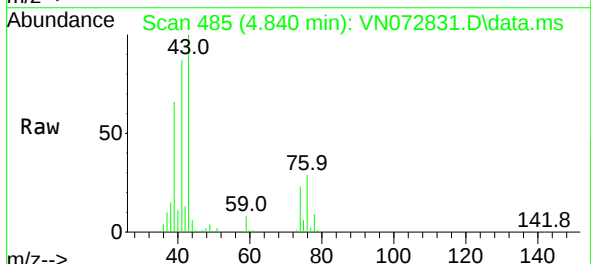
Manual Integrations
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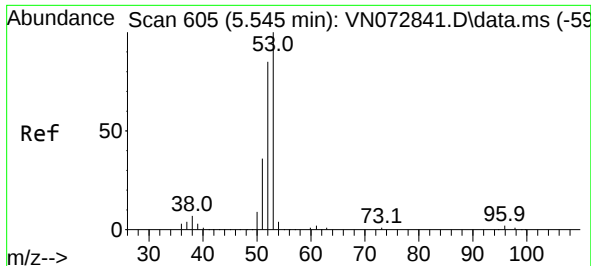
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#14
Allyl chloride
Concen: 12.136 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

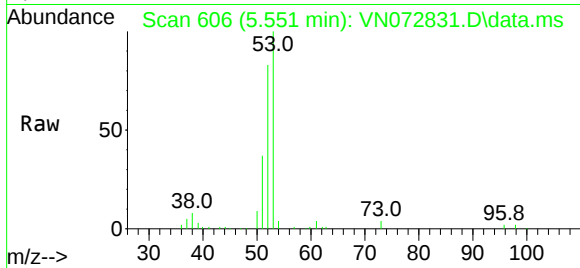
Tgt Ion: 41 Resp: 110806
Ion Ratio Lower Upper
41 100
39 65.9 53.2 79.8
76 29.0 29.9 44.9#





#15
Acrylonitrile
Concen: 67.051 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

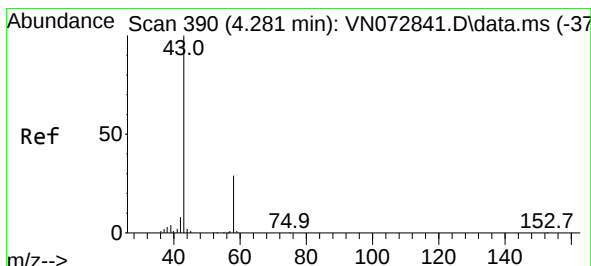
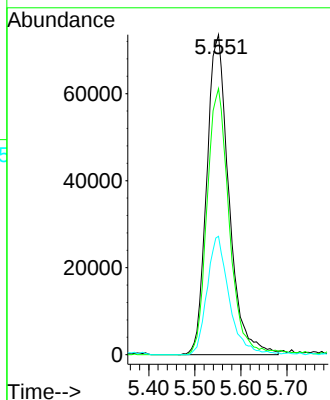
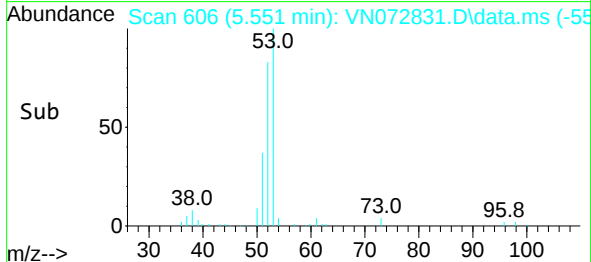
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC020



Tgt Ion: 53 Resp: 246108
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 36.9 28.5 42.7

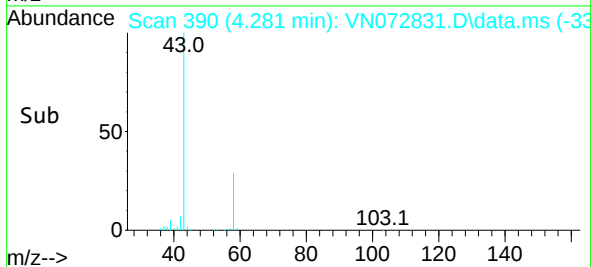
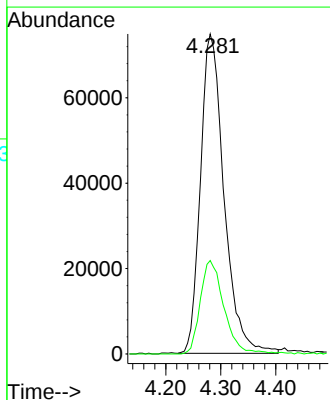
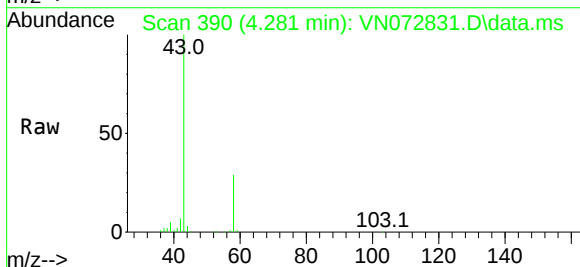
Manual Integrations
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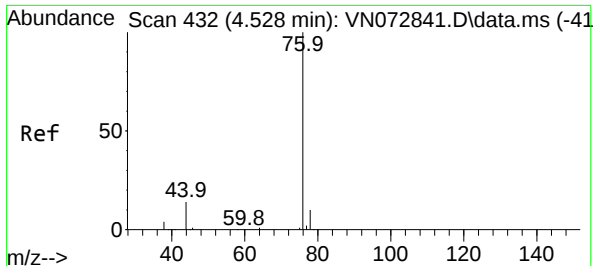
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#16
Acetone
Concen: 62.181 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

Tgt Ion: 43 Resp: 222685
Ion Ratio Lower Upper
43 100
58 29.3 26.0 39.0





#17

Carbon Disulfide

Concen: 9.927 ug/l

RT: 4.528 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 9330

Ion Ratio Lower Upper

76 100

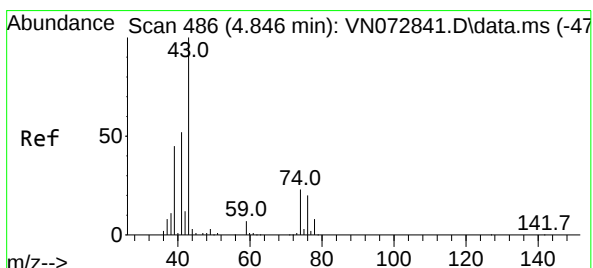
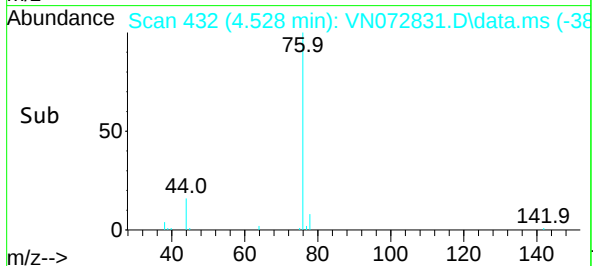
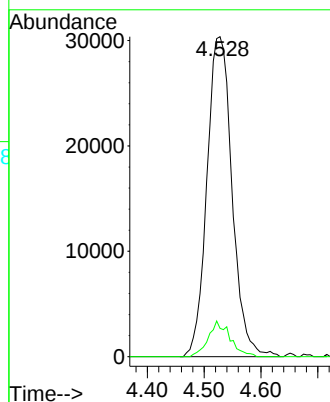
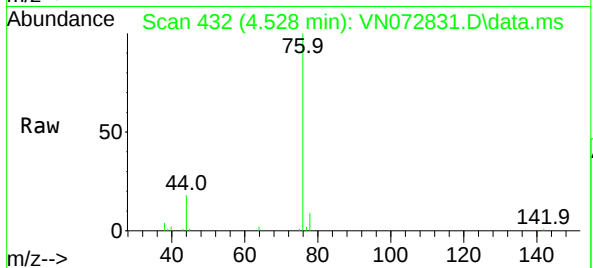
78 8.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#18

Methyl Acetate

Concen: 13.065 ug/l

RT: 4.846 min Scan# 486

Delta R.T. 0.000 min

Lab File: VN072831.D

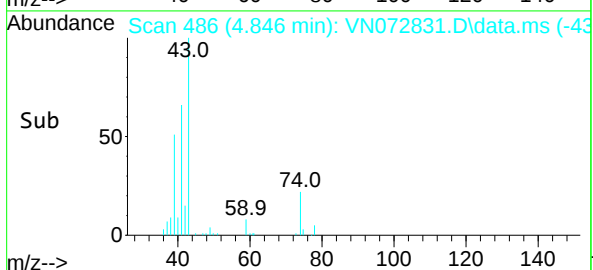
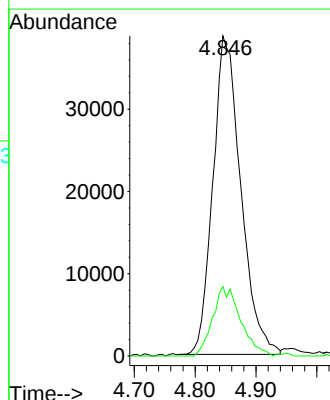
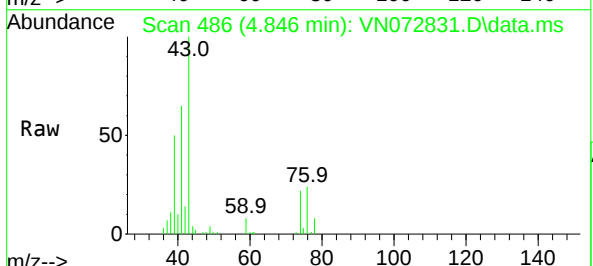
Acq: 14 Jun 2022 13:22

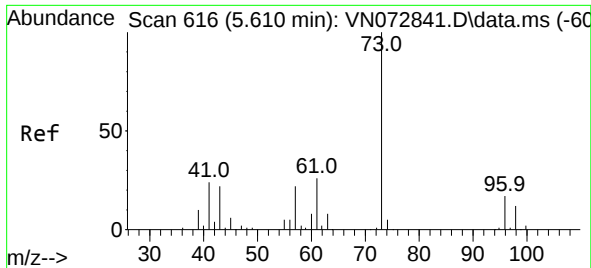
Tgt Ion: 43 Resp: 123113

Ion Ratio Lower Upper

43 100

74 21.8 21.6 32.4





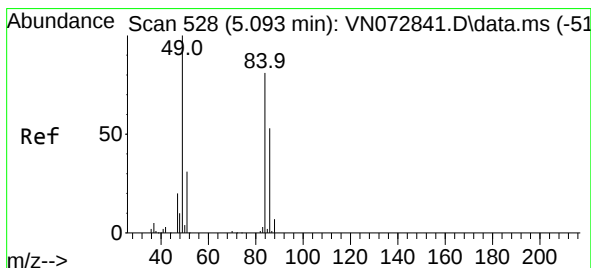
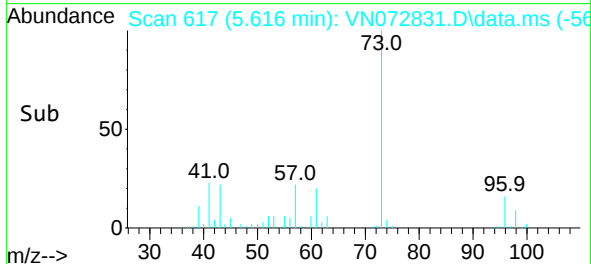
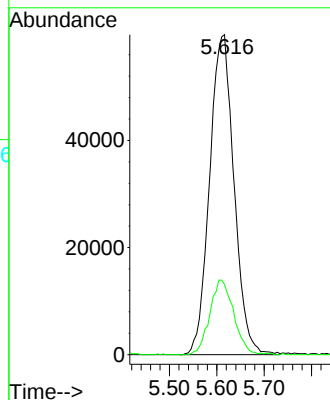
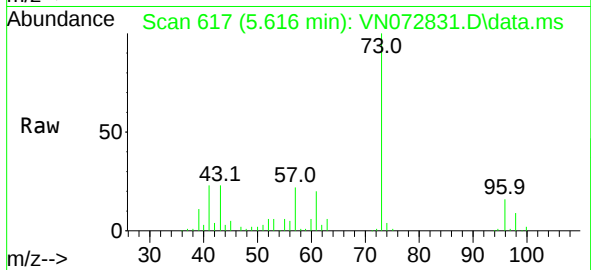
#19
Methyl tert-butyl Ether
Concen: 11.824 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 213928
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4

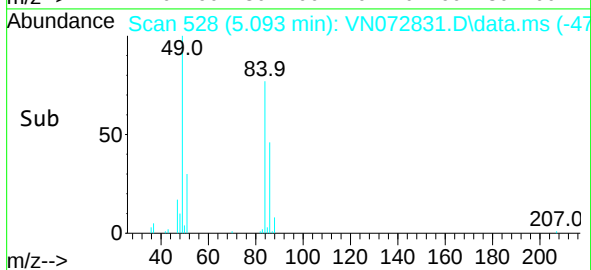
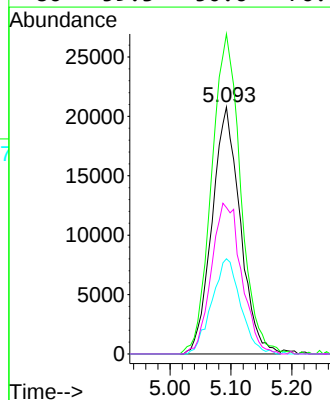
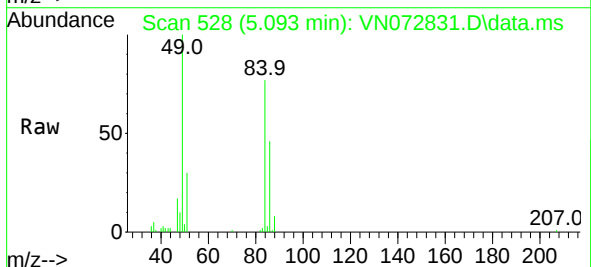
Manual Integrations
APPROVED

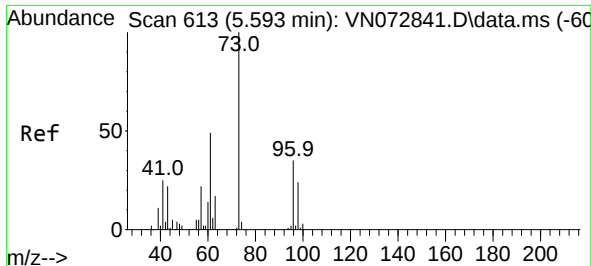
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#20
Methylene Chloride
Concen: 11.670 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

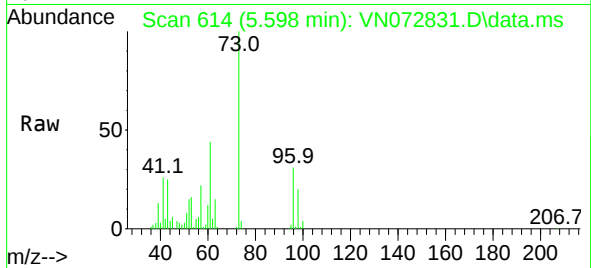
Tgt Ion: 84 Resp: 66695
Ion Ratio Lower Upper
84 100
49 129.6 88.3 132.5
51 38.6 28.2 42.2
86 59.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 12.041 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

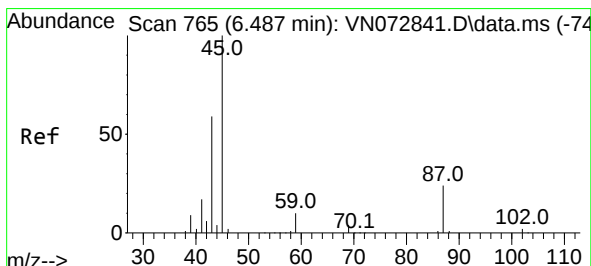
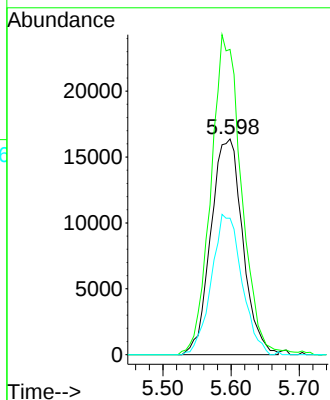
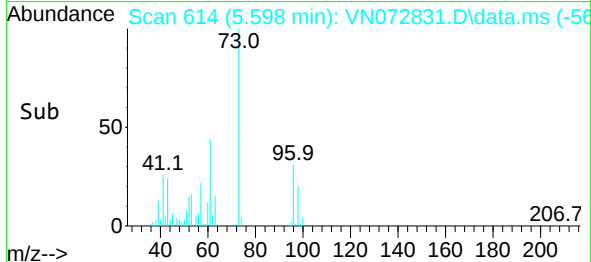
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



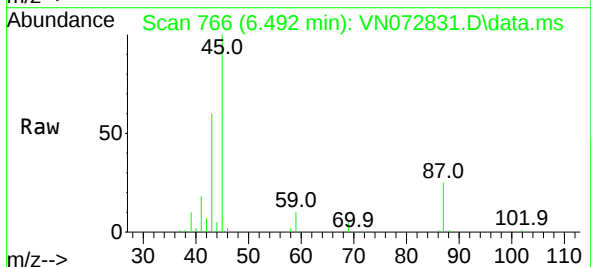
Tgt Ion: 96 Resp: 53154
Ion Ratio Lower Upper
96 100
61 141.5 105.8 158.8
98 63.3 50.3 75.5

Manual Integrations
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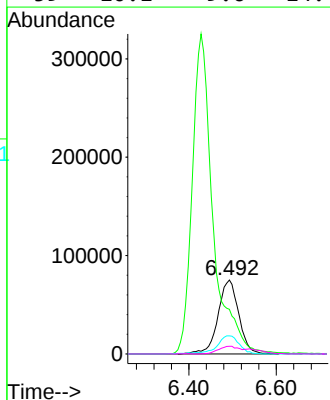
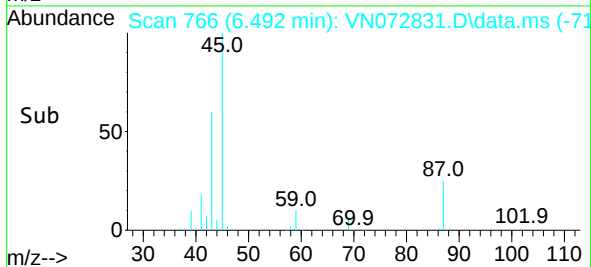
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

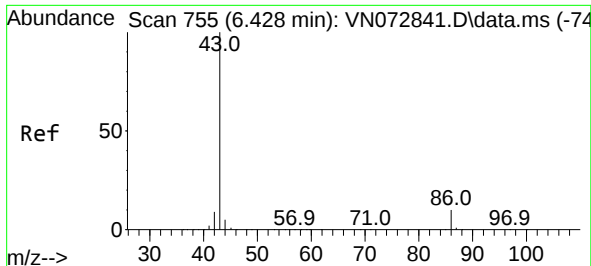


#22
Diisopropyl ether
Concen: 12.992 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



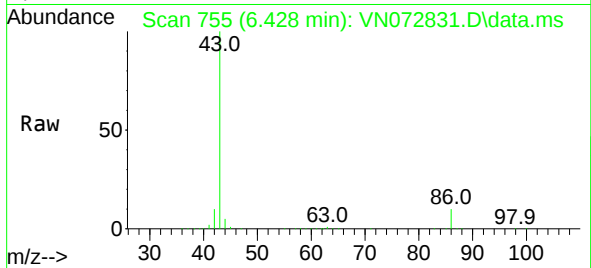
Tgt Ion: 45 Resp: 246872
Ion Ratio Lower Upper
45 100
43 58.6 46.6 70.0
87 24.3 24.3 36.5
59 10.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 62.731 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN072831.D
 Acq: 14 Jun 2022 13:22

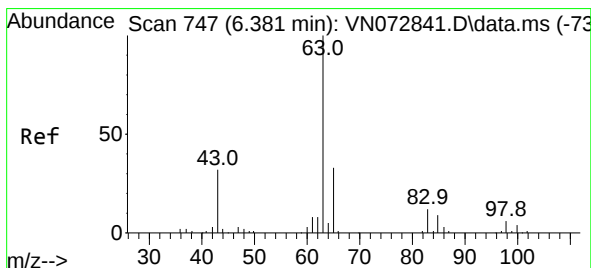
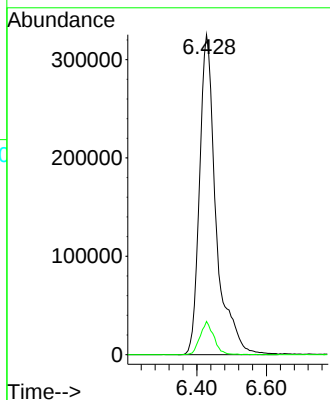
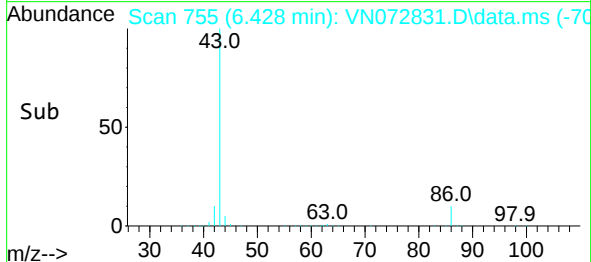
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



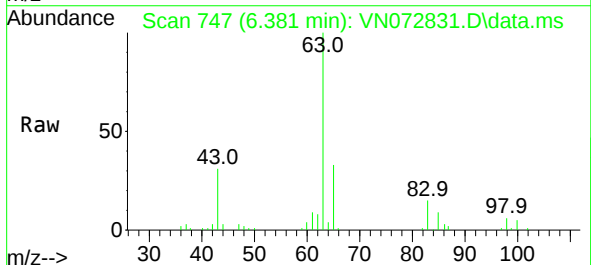
Tgt Ion: 43 Resp: 1074088
 Ion Ratio Lower Upper
 43 100
 86 10.4 10.0 15.0

Manual Integrations
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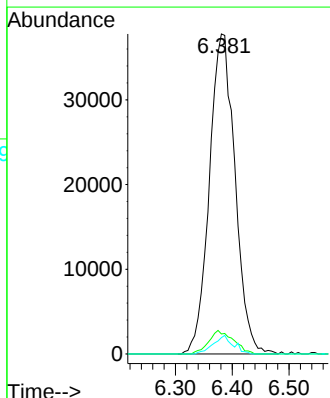
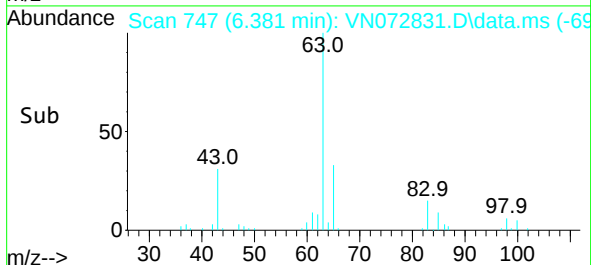
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022

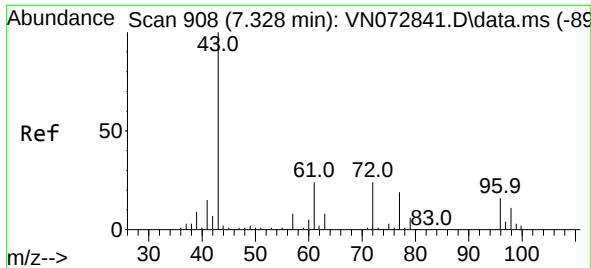


#24
 1,1-Dichloroethane
 Concen: 11.938 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. 0.000 min
 Lab File: VN072831.D
 Acq: 14 Jun 2022 13:22



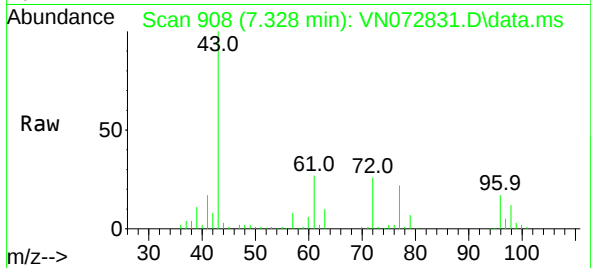
Tgt Ion: 63 Resp: 118409
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 5.1 2.3 6.8





#25
2-Butanone
Concen: 65.577 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

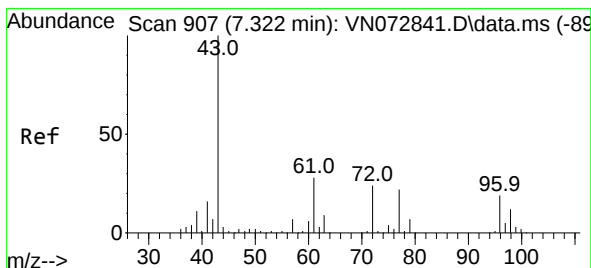
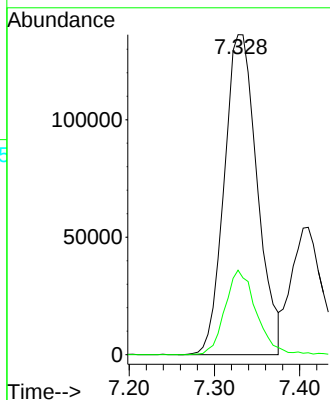
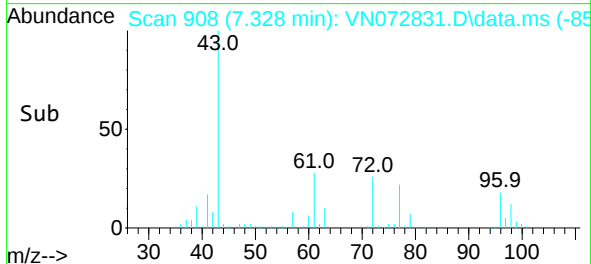
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



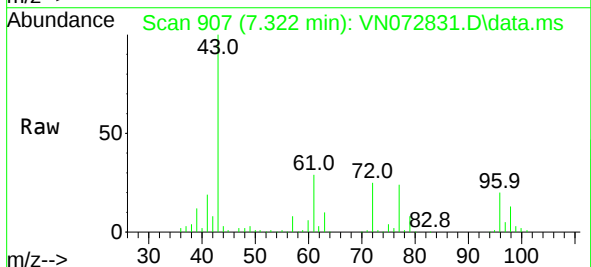
Tgt Ion: 43 Resp: 367380
Ion Ratio Lower Upper
43 100
72 26.4 23.7 35.5

Manual Integrations
APPROVED

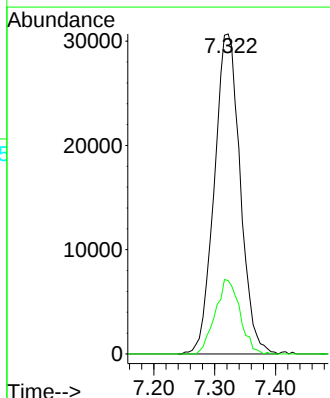
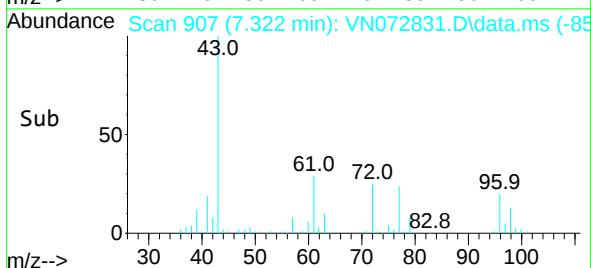
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

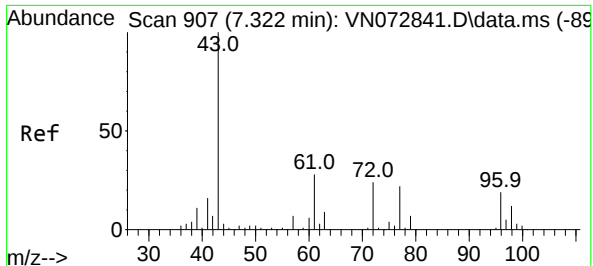


#26
2,2-Dichloropropane
Concen: 9.968 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



Tgt Ion: 77 Resp: 90555
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.2





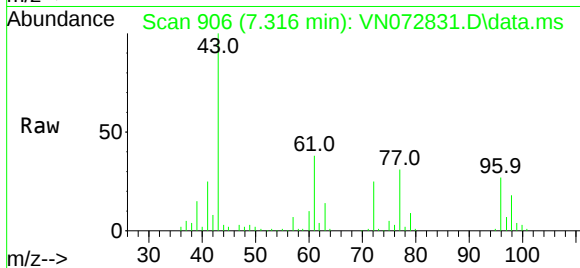
#27
 cis-1,2-Dichloroethene
 Concen: 12.949 ug/l
 RT: 7.316 min Scan# 907
 Delta R.T. -0.006 min
 Lab File: VN072831.D
 Acq: 14 Jun 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020



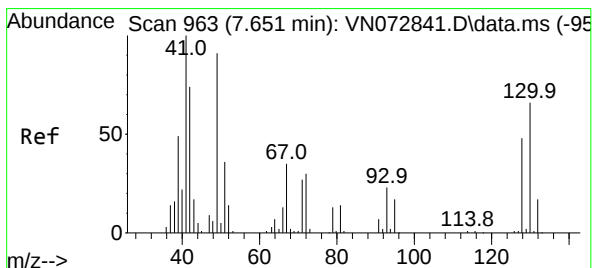
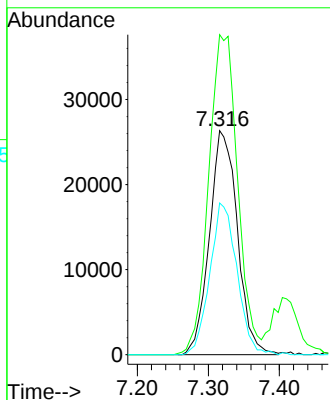
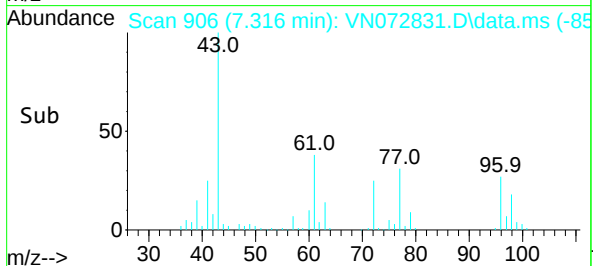
Tgt Ion: 96 Resp: 71910
 Ion Ratio Lower Upper
 96 100
 61 148.2 0.0 280.6
 98 65.8 0.0 128.4

Manual Integrations

APPROVED

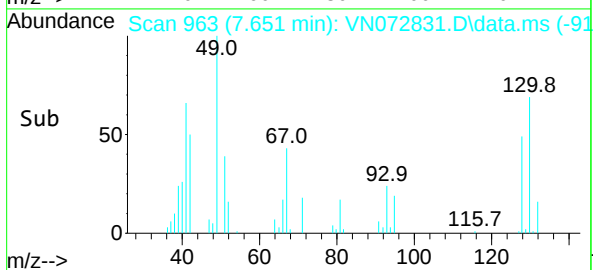
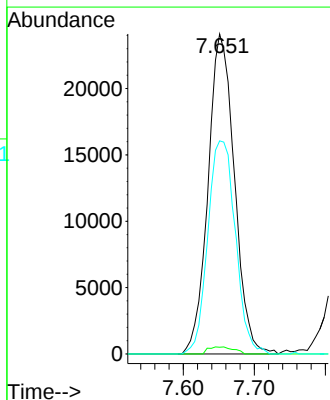
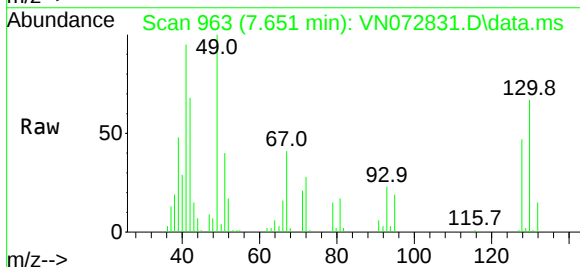
Reviewed By :John Carlone 06/15/2022

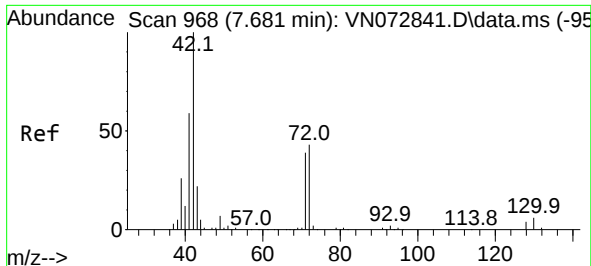
Supervised By :Mahesh Dadoda 06/15/2022



#28
 Bromochloromethane
 Concen: 13.111 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. 0.000 min
 Lab File: VN072831.D
 Acq: 14 Jun 2022 13:22

Tgt Ion: 49 Resp: 62146
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 69.5 69.7 104.5#





#29

Tetrahydrofuran

Concen: 68.391 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

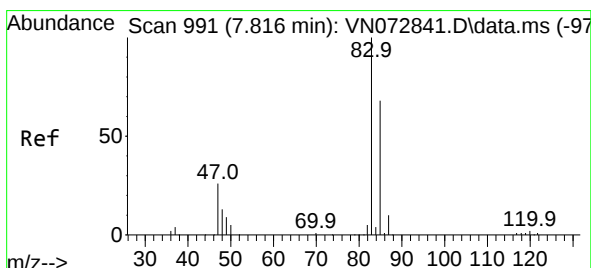
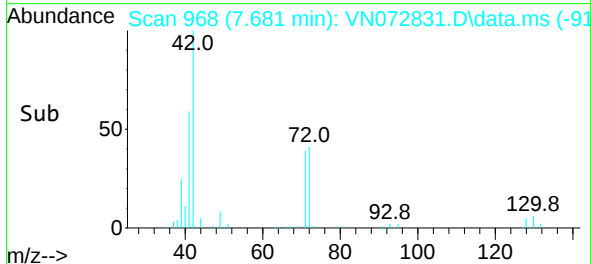
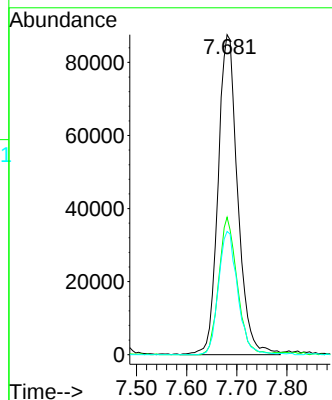
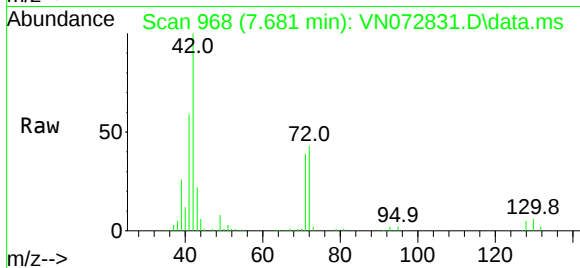
Tgt Ion: 42 Resp: 237725
 Ion Ratio Lower Upper
 42 100
 72 40.4 39.7 59.5
 71 37.7 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#30

Chloroform

Concen: 12.086 ug/l

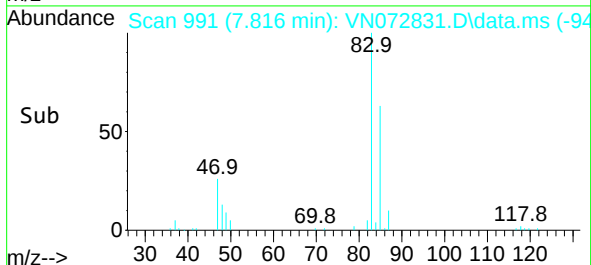
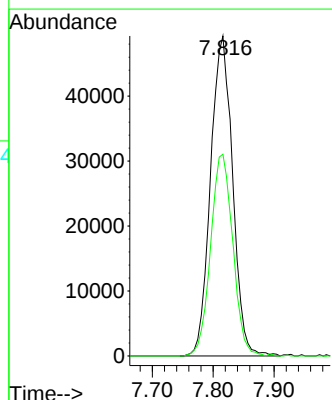
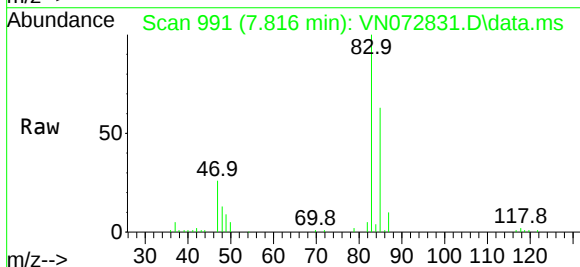
RT: 7.816 min Scan# 991

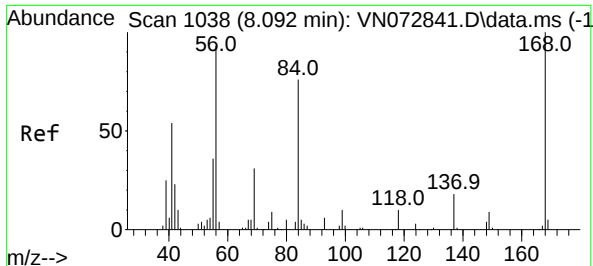
Delta R.T. 0.000 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

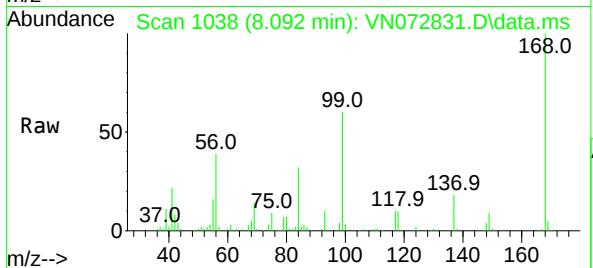
Tgt Ion: 83 Resp: 123883
 Ion Ratio Lower Upper
 83 100
 85 63.0 51.8 77.8





#31
Cyclohexane
Concen: 12.157 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

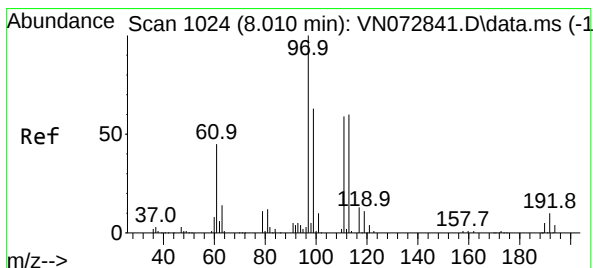
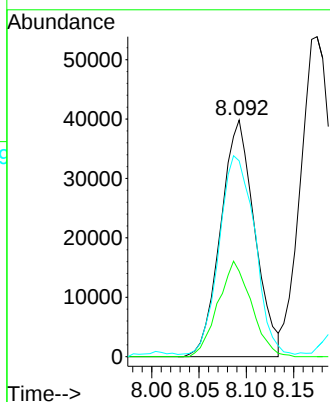
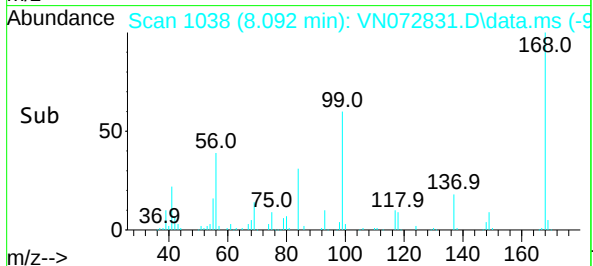
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



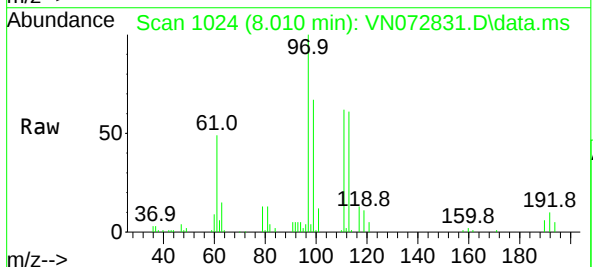
Tgt Ion: 56 Resp: 9957
Ion Ratio Lower Upper
56 100
69 36.1 27.8 41.8
84 81.8 76.9 115.3

Manual Integrations
APPROVED

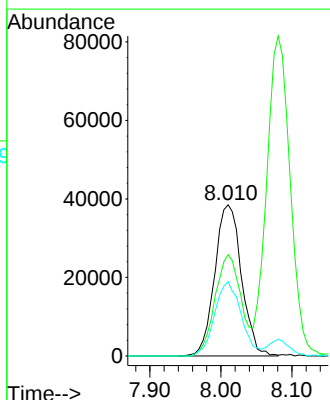
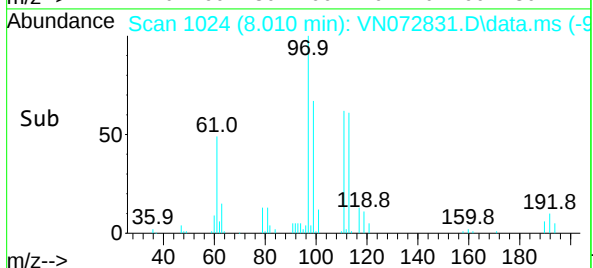
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

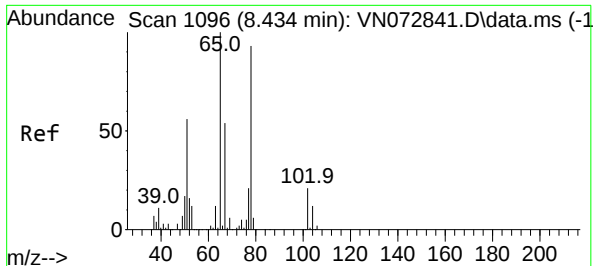


#32
1,1,1-Trichloroethane
Concen: 11.139 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



Tgt Ion: 97 Resp: 100494
Ion Ratio Lower Upper
97 100
99 66.3 50.6 76.0
61 49.1 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 11.267 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 86370

Ion Ratio Lower Upper

65 100

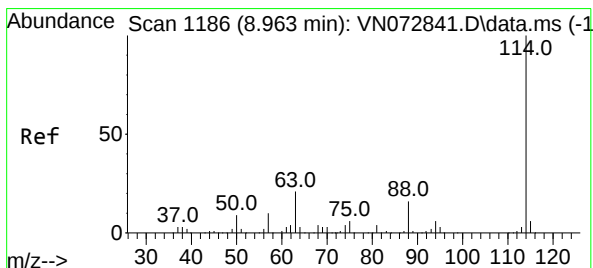
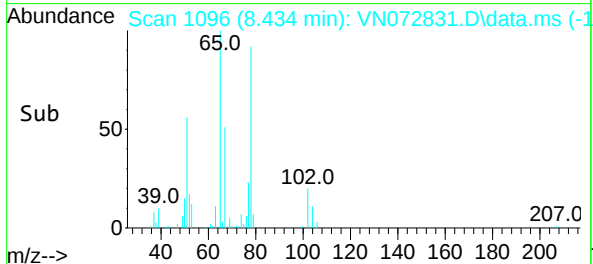
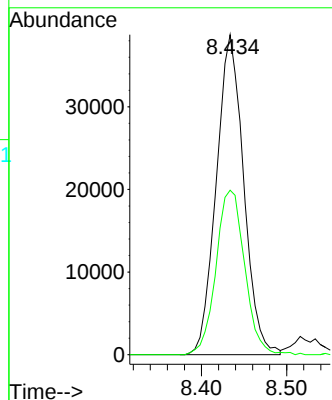
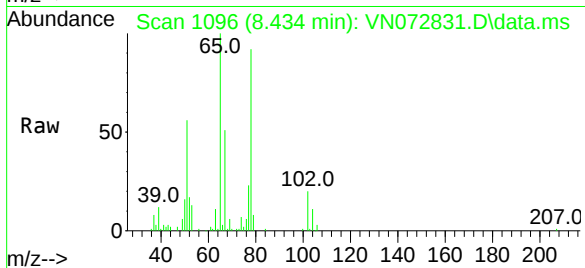
67 54.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

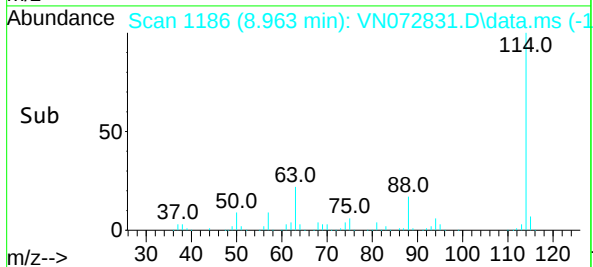
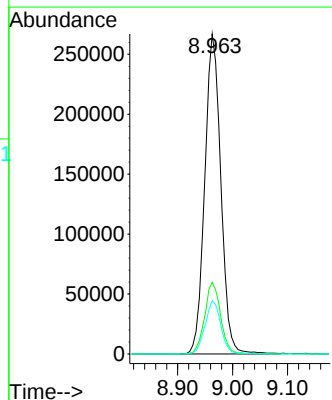
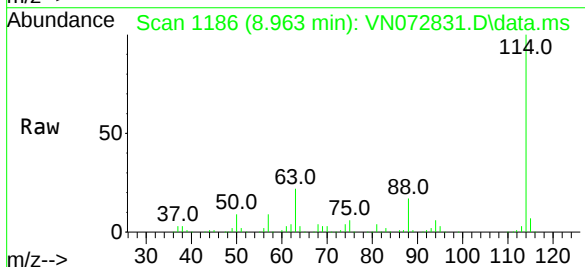
Tgt Ion:114 Resp: 542776

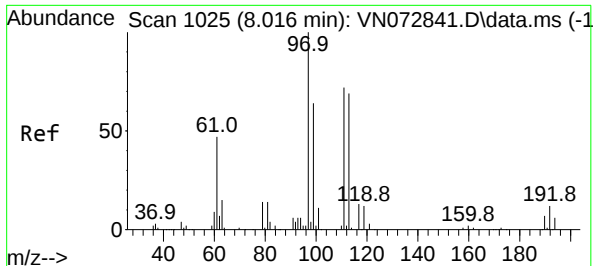
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 12.745 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

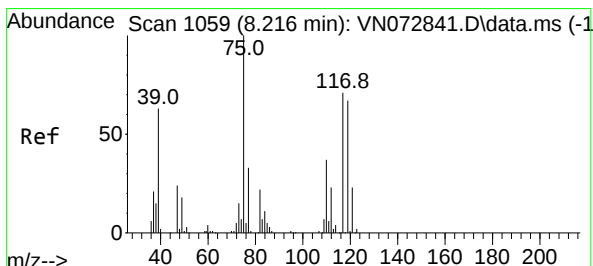
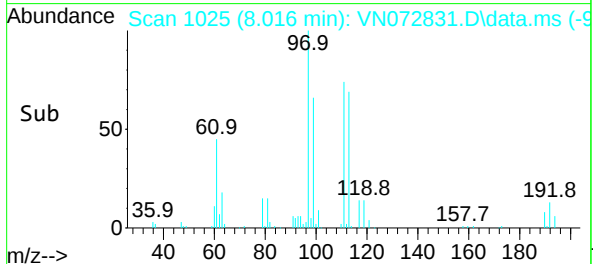
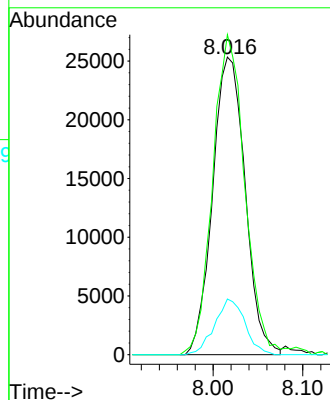
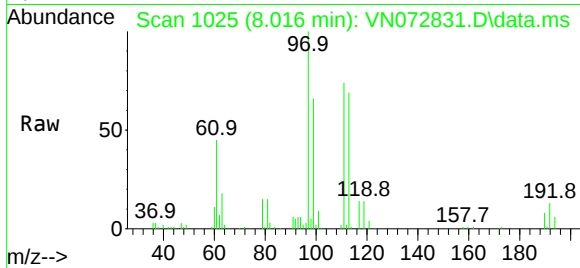
Tgt Ion:	113	Resp:	63800
Ion Ratio	Lower	Upper	
113	100		
111	105.9	81.4	122.0
192	17.5	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#36

1,1-Dichloropropene

Concen: 11.241 ug/l

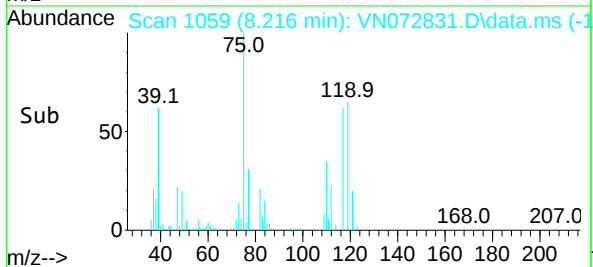
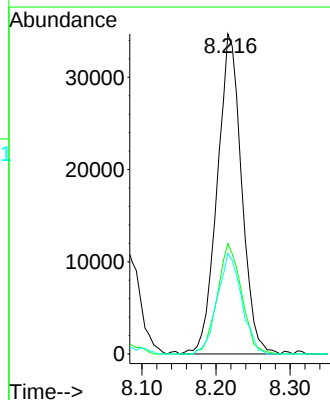
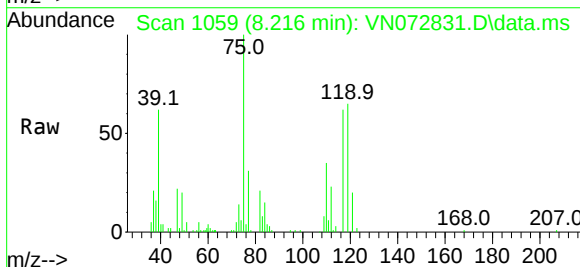
RT: 8.216 min Scan# 1059

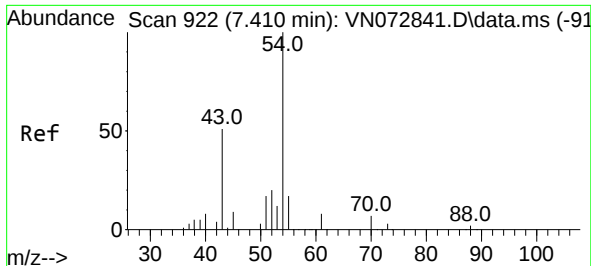
Delta R.T. 0.000 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

Tgt Ion:	75	Resp:	79081
Ion Ratio	Lower	Upper	
75	100		
110	34.4	18.3	54.8
77	31.4	25.1	37.7





#37

Ethyl Acetate

Concen: 12.966 ug/l

RT: 7.410 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 140380

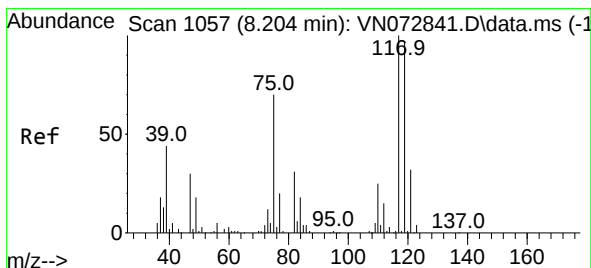
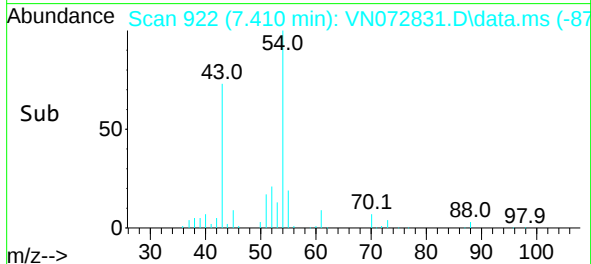
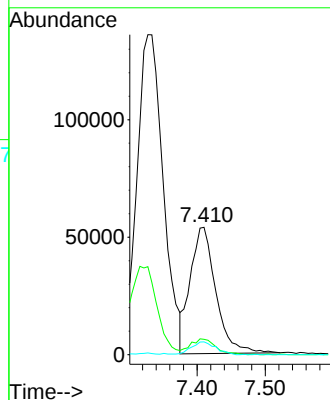
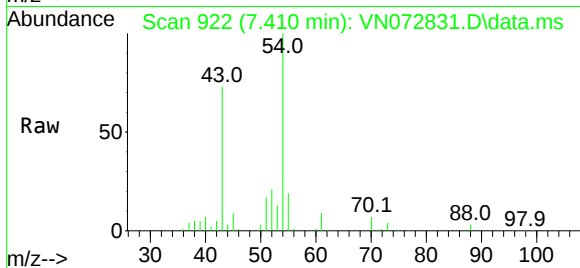
Ion	Ratio	Lower	Upper
43	100		
61	12.4	11.8	17.6
70	9.7	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#38

Carbon Tetrachloride

Concen: 11.116 ug/l

RT: 8.204 min Scan# 1057

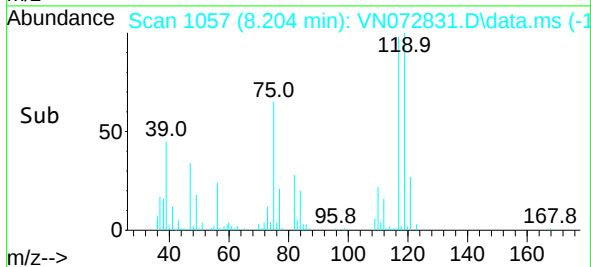
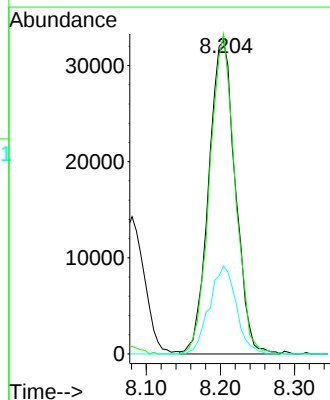
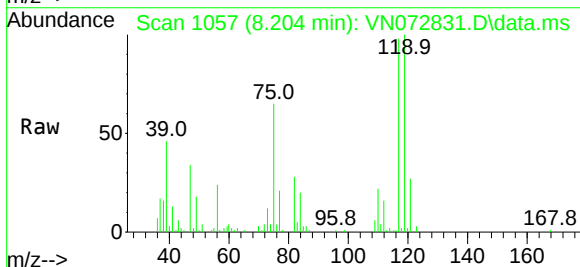
Delta R.T. 0.000 min

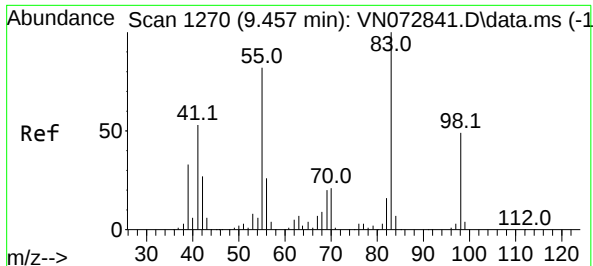
Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

Tgt Ion:117 Resp: 81551

Ion	Ratio	Lower	Upper
117	100		
119	102.2	75.8	113.8
121	28.0	24.6	37.0





#39

Methylcyclohexane

Concen: 11.511 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 9184

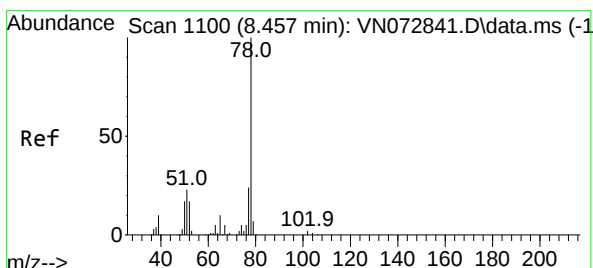
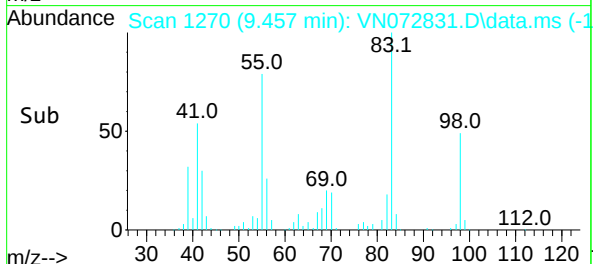
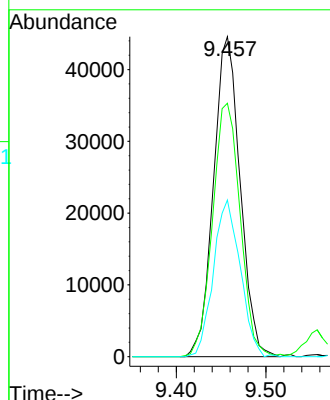
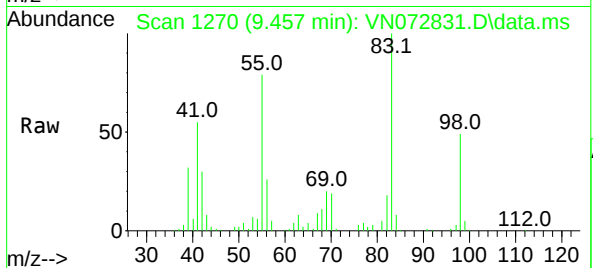
Ion	Ratio	Lower	Upper
83	100		
55	79.2	57.8	86.8
98	49.0	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#40

Benzene

Concen: 12.614 ug/l

RT: 8.457 min Scan# 1100

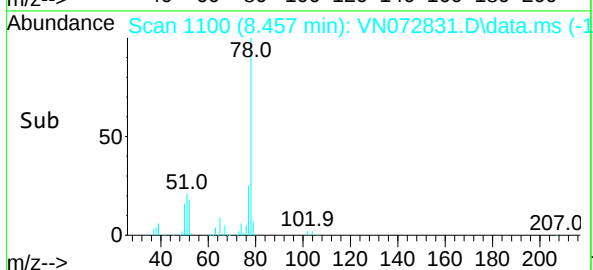
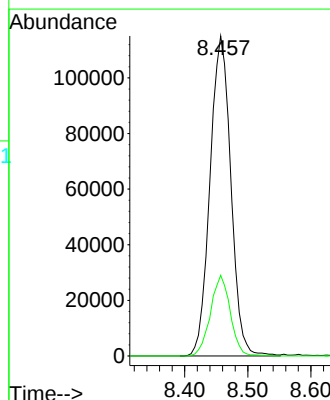
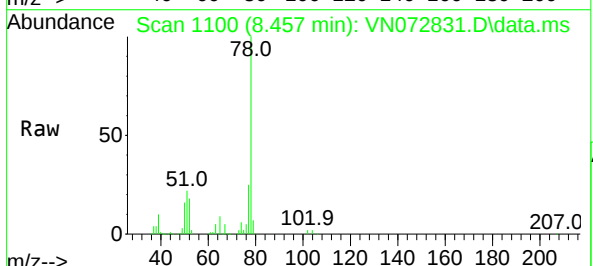
Delta R.T. 0.000 min

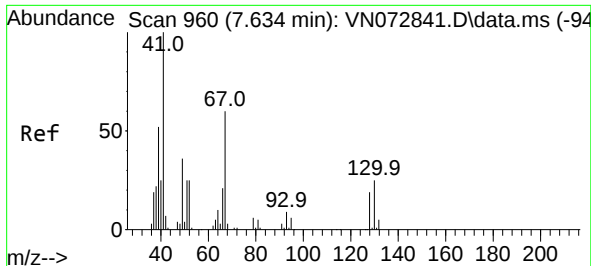
Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

Tgt Ion: 78 Resp: 264268

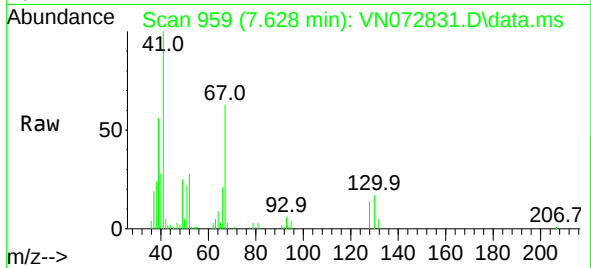
Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.4	29.0





#41
Methacrylonitrile
Concen: 13.893 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

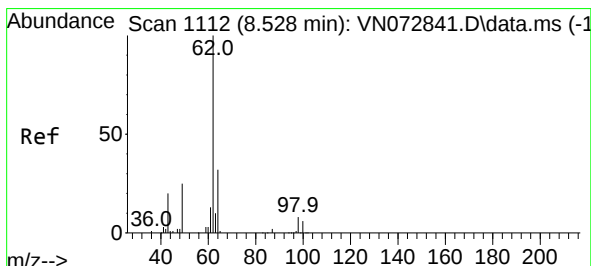
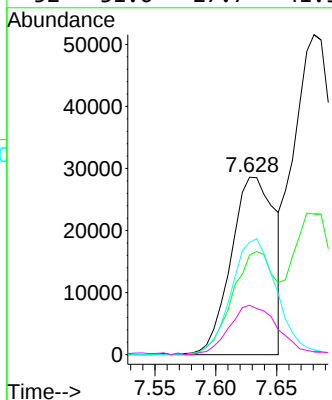
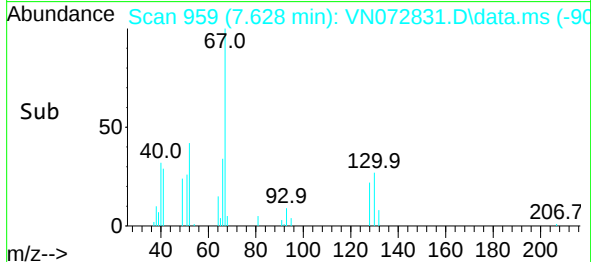
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 71810
Ion Ratio Lower Upper
41 100
39 56.1 48.6 73.0
67 67.5 73.4 110.2
52 31.6 27.7 41.5

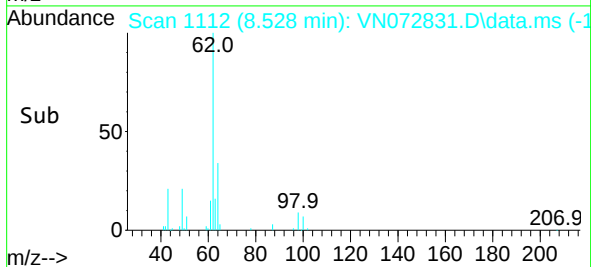
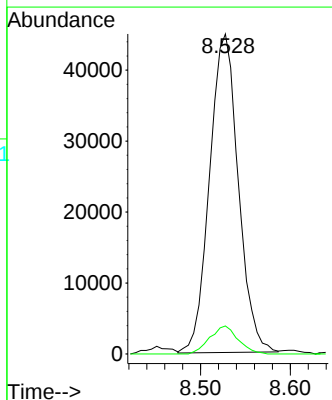
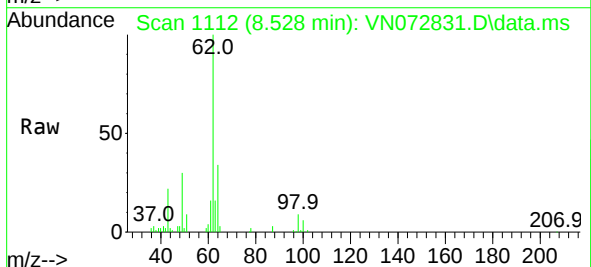
Manual Integrations
APPROVED

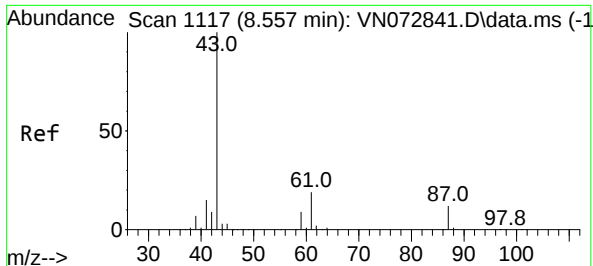
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#42
1,2-Dichloroethane
Concen: 11.183 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

Tgt Ion: 62 Resp: 99849
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.4





#43

Isopropyl Acetate

Concen: 12.591 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

Instrument :

MSVOA_N

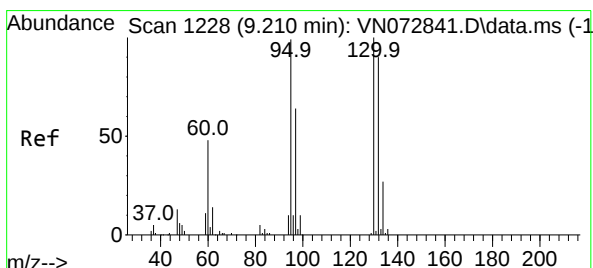
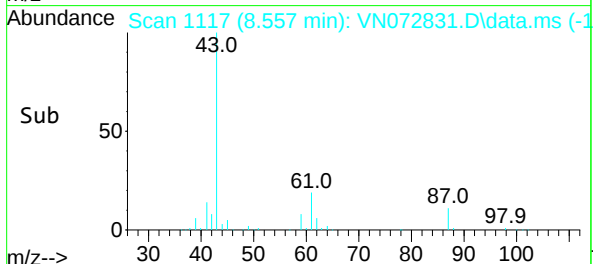
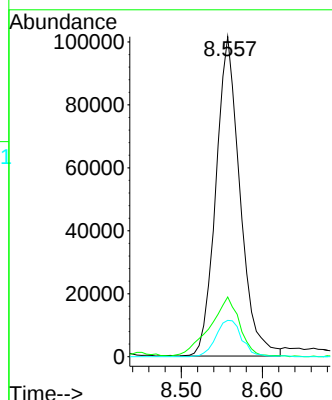
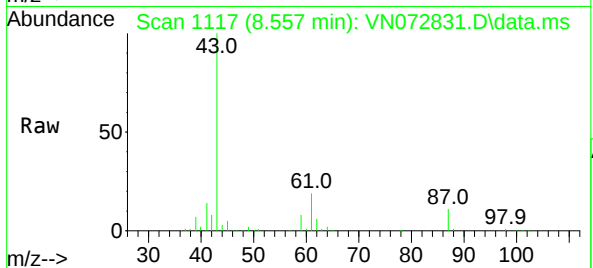
ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 20965
 Ion Ratio Lower Upper
 43 100
 61 23.5 21.9 32.9
 87 12.2 12.0 18.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022



#44

Trichloroethene

Concen: 13.249 ug/l

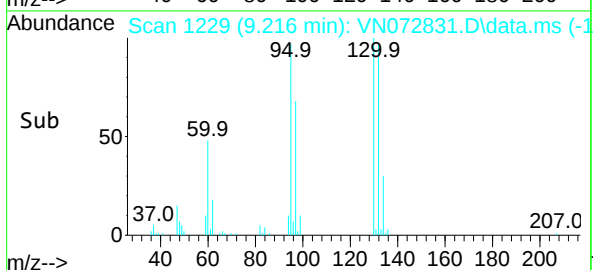
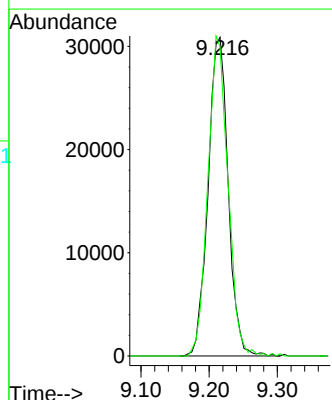
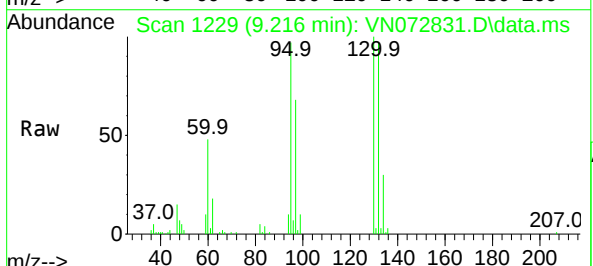
RT: 9.216 min Scan# 1229

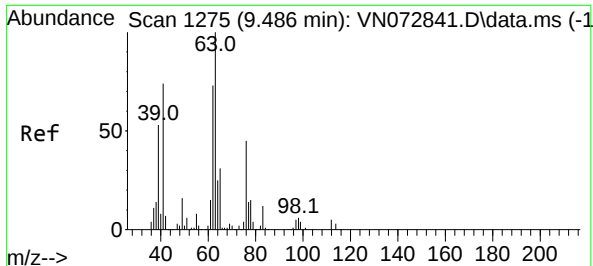
Delta R.T. 0.000 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

Tgt Ion:130 Resp: 63363
 Ion Ratio Lower Upper
 130 100
 95 97.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 12.494 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 7352

Ion Ratio Lower Upper

63 100

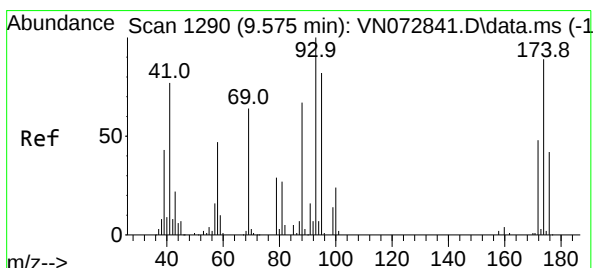
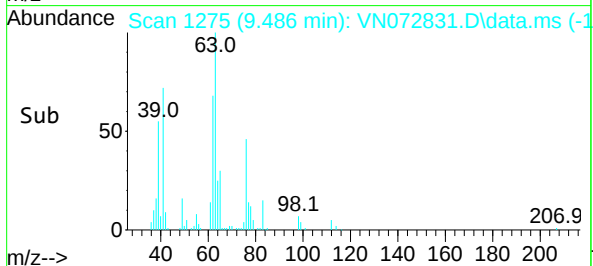
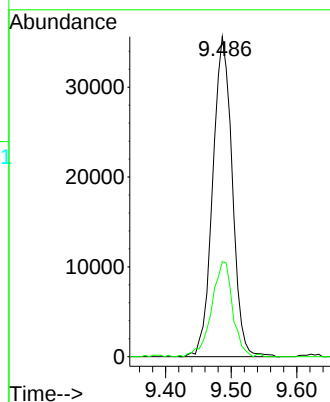
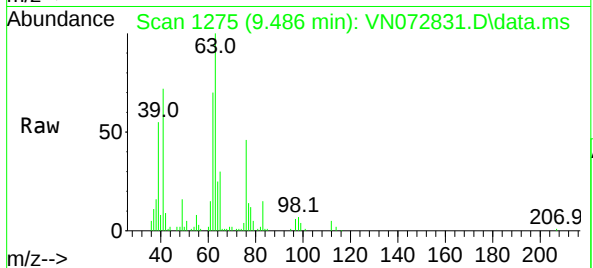
65 29.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#46

Dibromomethane

Concen: 12.397 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

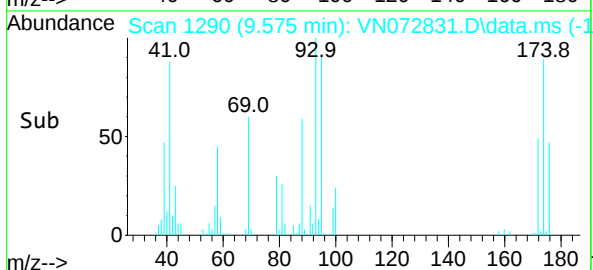
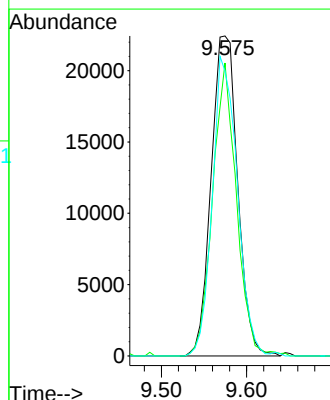
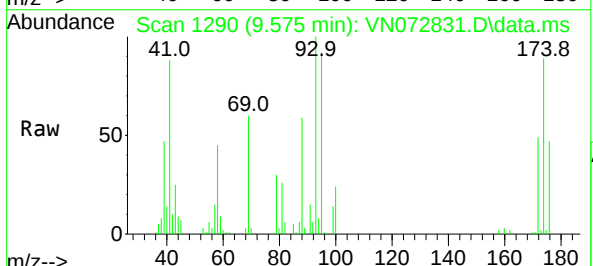
Tgt Ion: 93 Resp: 48561

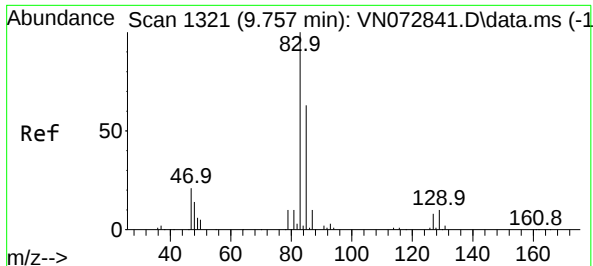
Ion Ratio Lower Upper

93 100

95 82.3 66.9 100.3

174 88.2 86.6 130.0





#47

Bromodichloromethane

Concen: 12.194 ug/l

RT: 9.757 min Scan# 1321

Delta R.T. 0.000 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

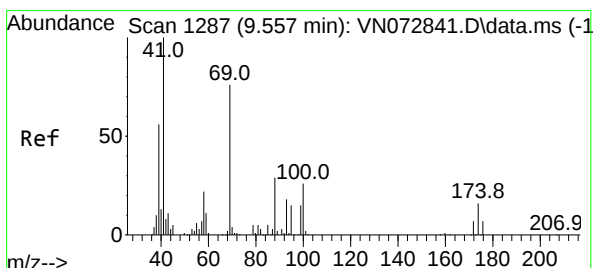
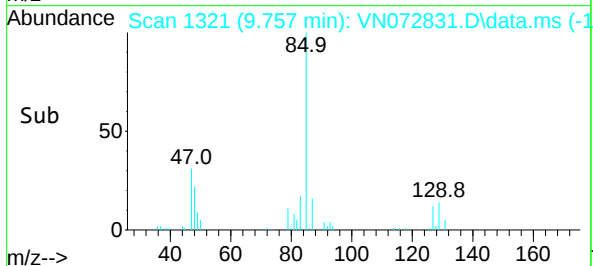
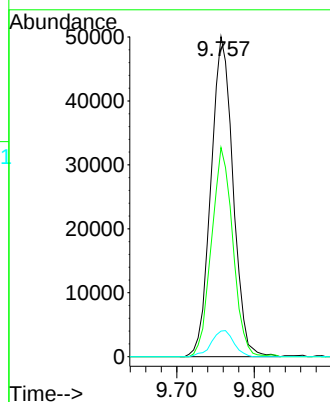
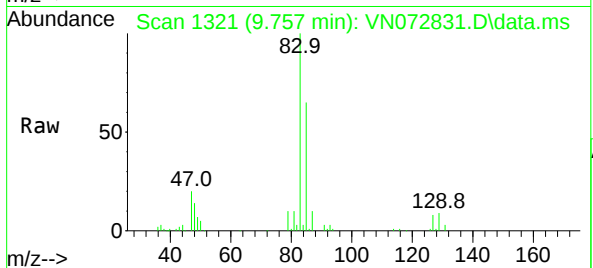
Tgt Ion: 83	Resp: 9905
Ion Ratio	Lower Upper
83 100	
85 65.4	50.5 75.7
127 8.0	6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#48

Methyl methacrylate

Concen: 12.825 ug/l

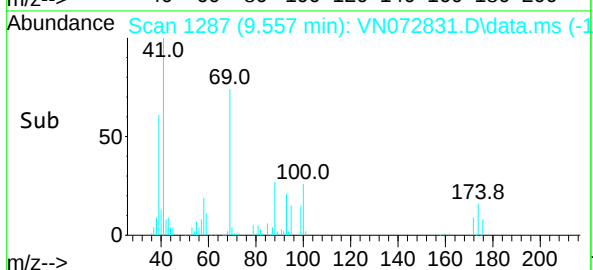
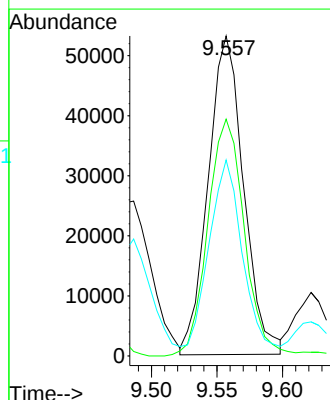
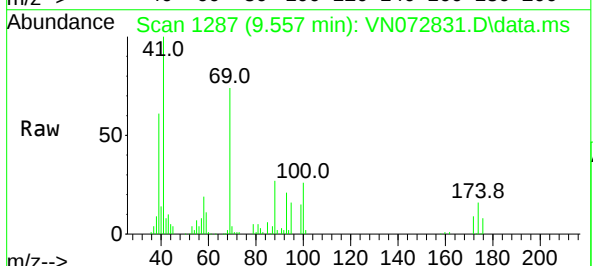
RT: 9.557 min Scan# 1287

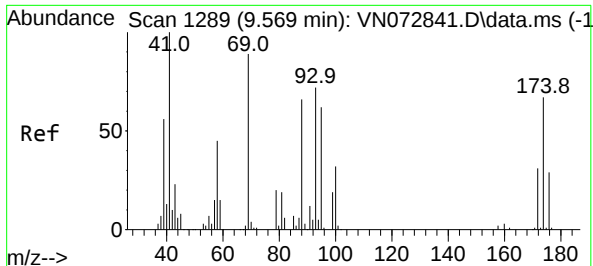
Delta R.T. 0.000 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

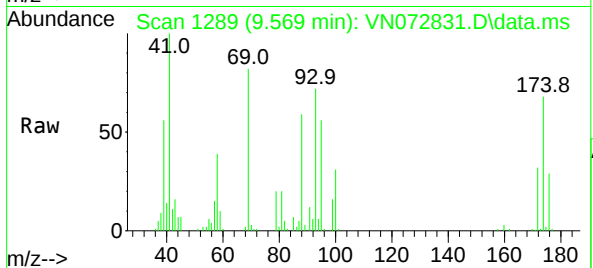
Tgt Ion: 41	Resp: 99719
Ion Ratio	Lower Upper
41 100	
69 76.5	74.7 112.1
39 59.5	45.6 68.4





#49
1,4-Dioxane
Concen: 283.101 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

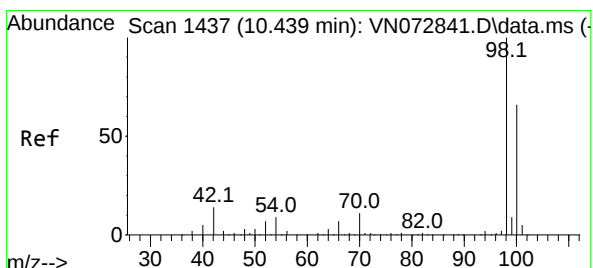
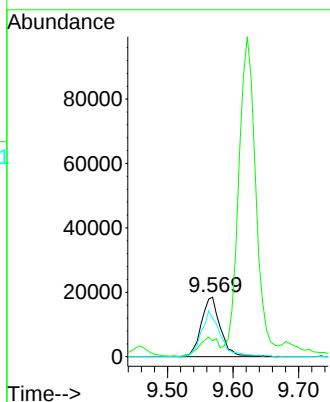
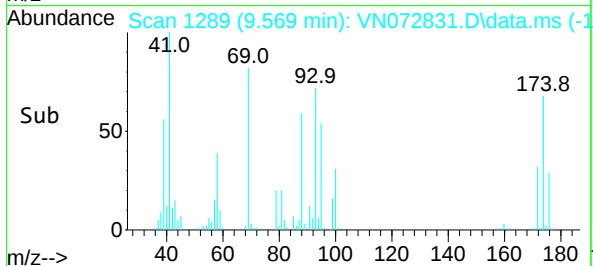
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



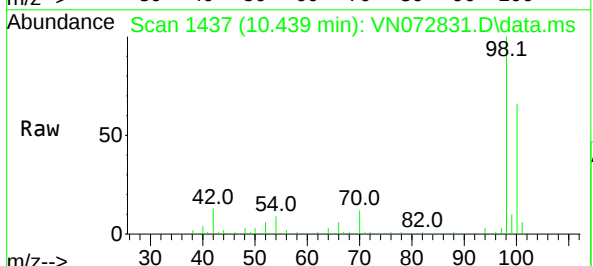
Tgt Ion: 88 Resp: 3735
Ion Ratio Lower Upper
88 100
43 30.6 20.2 30.4
58 77.3 54.2 81.4

Manual Integrations
APPROVED

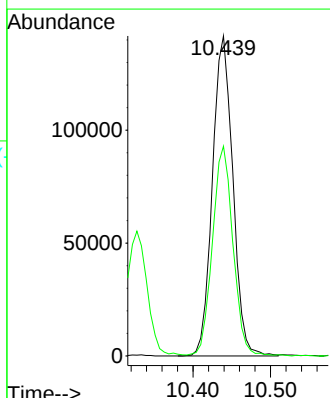
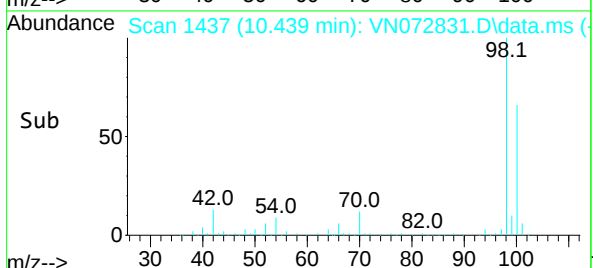
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

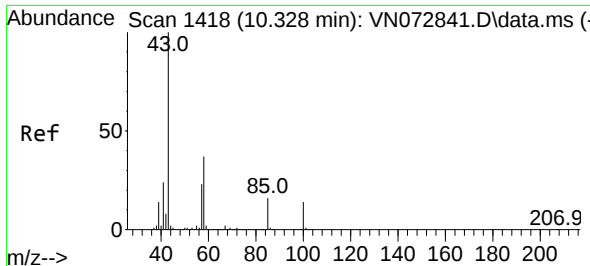


#50
Toluene-d8
Concen: 12.896 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



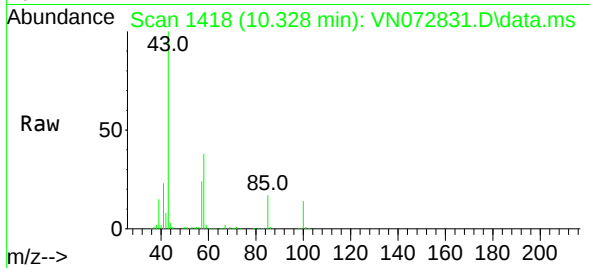
Tgt Ion: 98 Resp: 259237
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 66.499 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

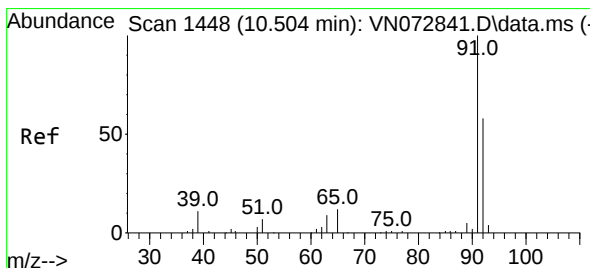
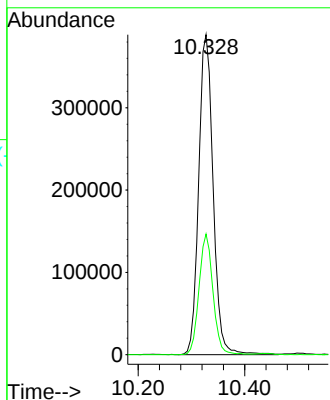
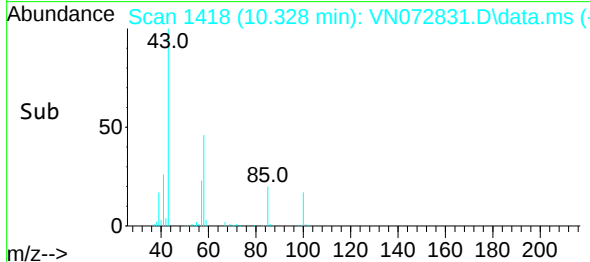
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



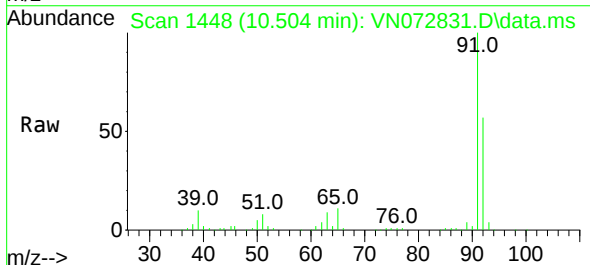
Tgt Ion: 43 Resp: 732089
Ion Ratio Lower Upper
43 100
58 36.4 34.1 51.1

Manual Integrations
APPROVED

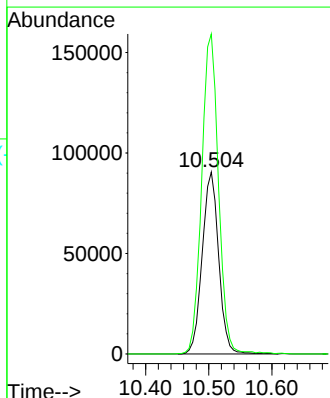
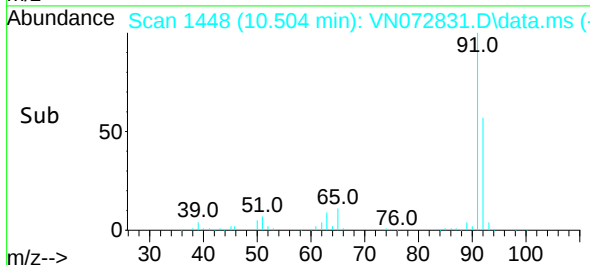
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

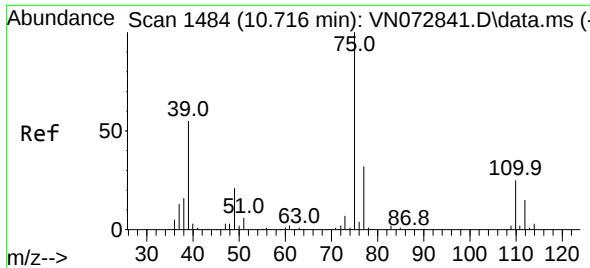


#52
Toluene
Concen: 12.354 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



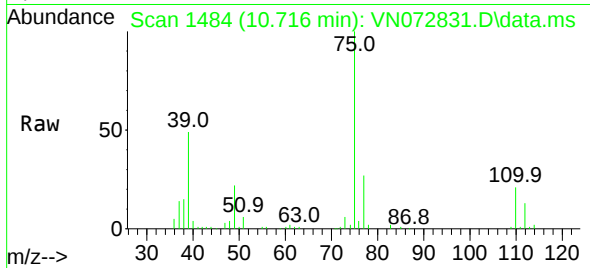
Tgt Ion: 92 Resp: 164053
Ion Ratio Lower Upper
92 100
91 179.8 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 12.057 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

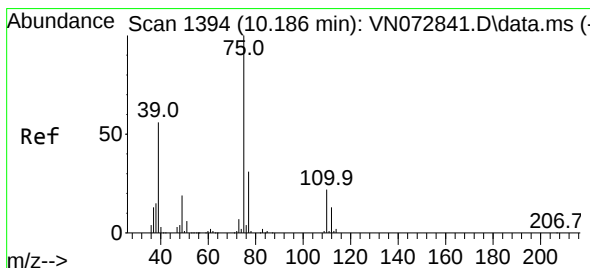
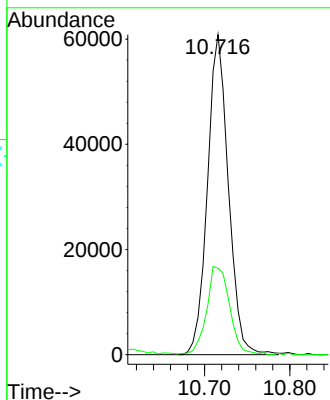
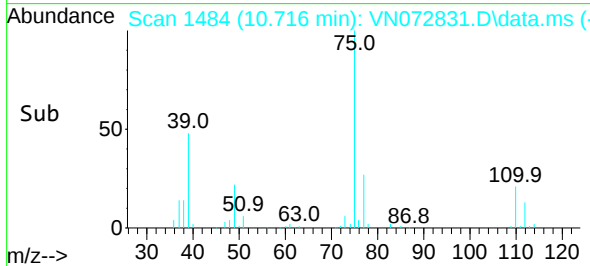
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



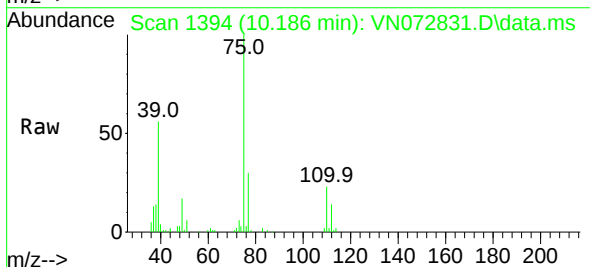
Tgt Ion: 75 Resp: 103768
Ion Ratio Lower Upper
75 100
77 26.7 25.6 38.4

Manual Integrations
APPROVED

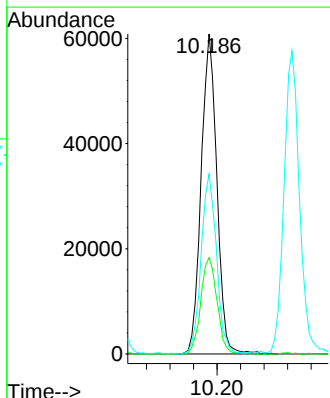
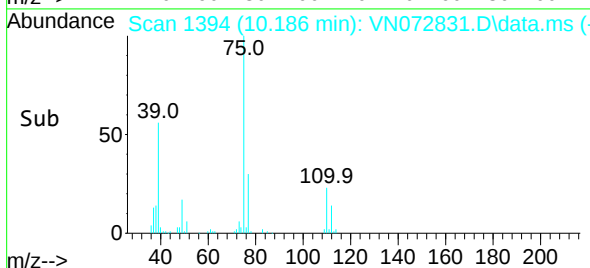
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

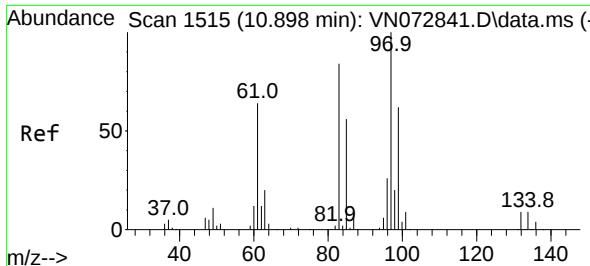


#54
cis-1,3-Dichloropropene
Concen: 12.245 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



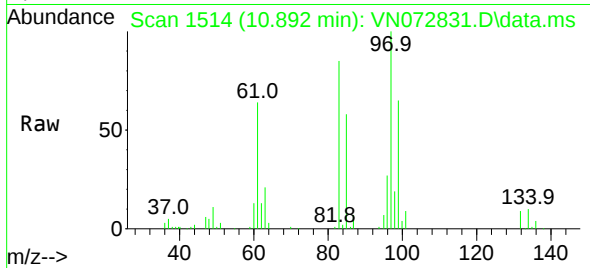
Tgt Ion: 75 Resp: 112449
Ion Ratio Lower Upper
75 100
77 30.1 25.2 37.8
39 56.2 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 13.121 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

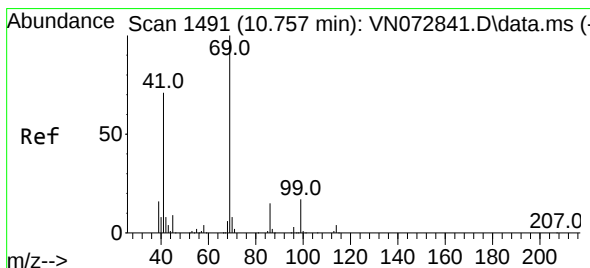
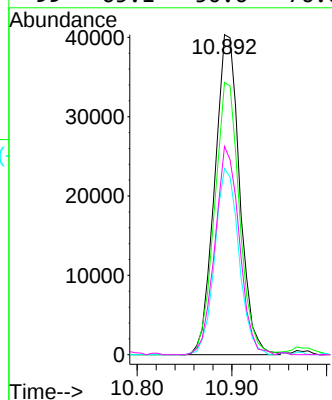
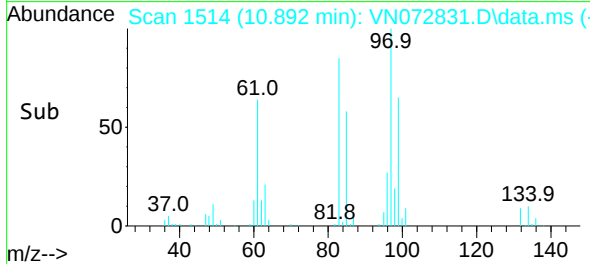
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



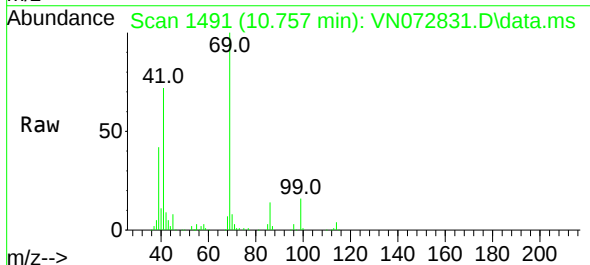
Tgt Ion:	97	Resp:	7394
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.2	99.4
85	58.2	43.9	65.9
99	65.1	50.6	76.0

Manual Integrations
APPROVED

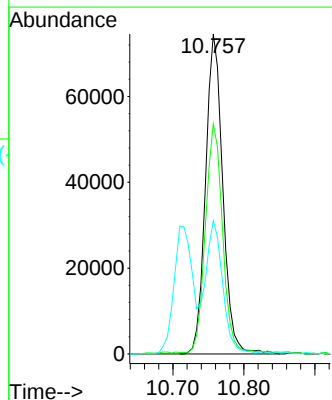
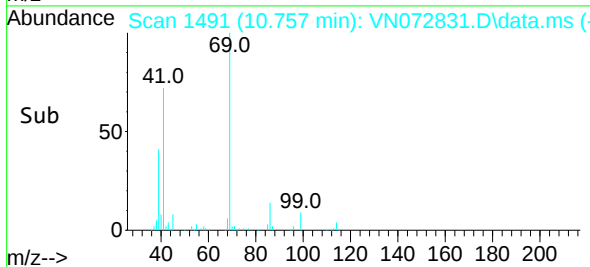
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

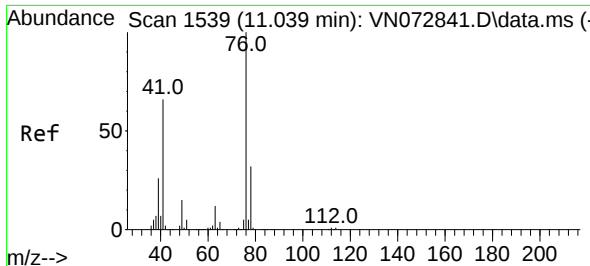


#56
Ethyl methacrylate
Concen: 12.854 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



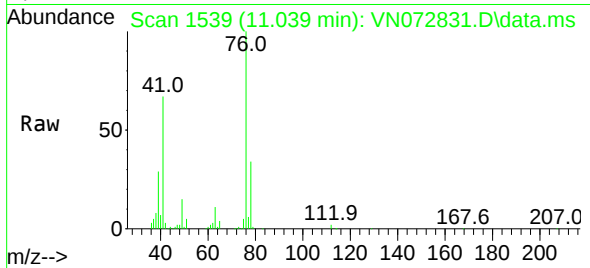
Tgt Ion:	69	Resp:	125817
Ion	Ratio	Lower	Upper
69	100		
41	70.8	47.8	71.6
39	41.7	27.3	40.9





#57
1,3-Dichloropropane
Concen: 12.659 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

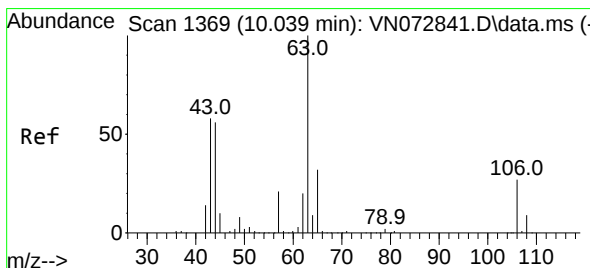
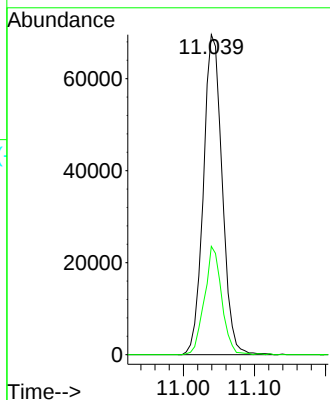
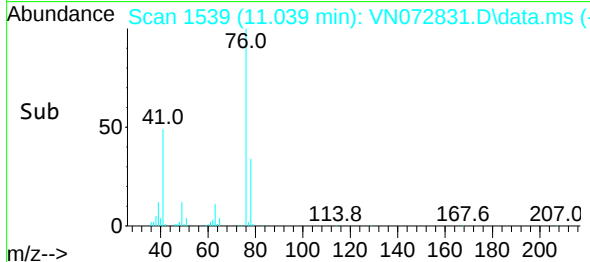
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



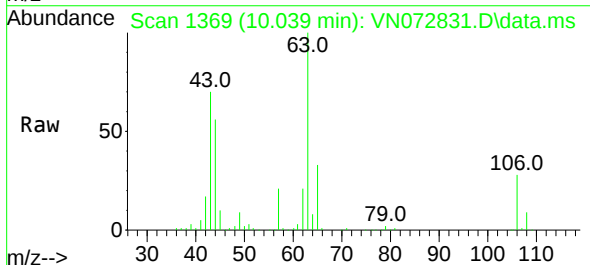
Tgt Ion: 76 Resp: 127719
Ion Ratio Lower Upper
76 100
78 31.1 26.2 39.2

Manual Integrations
APPROVED

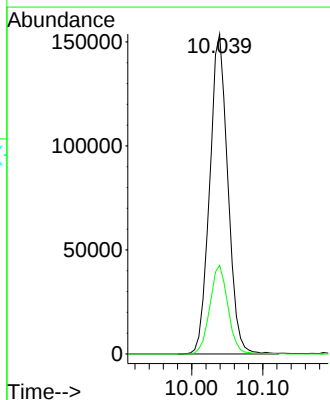
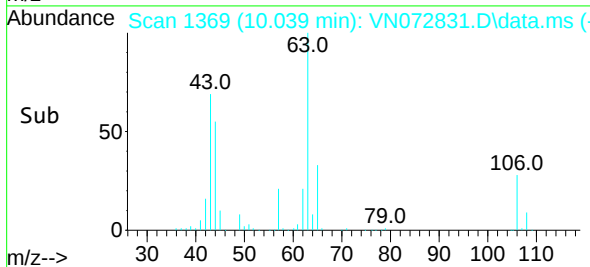
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

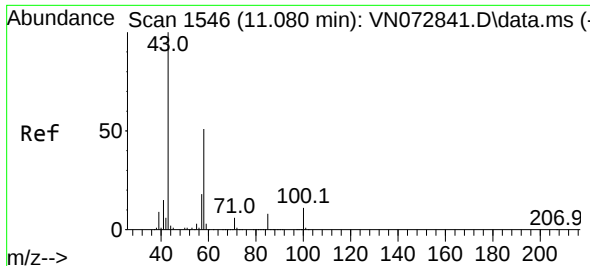


#58
2-Chloroethyl Vinyl ether
Concen: 66.484 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



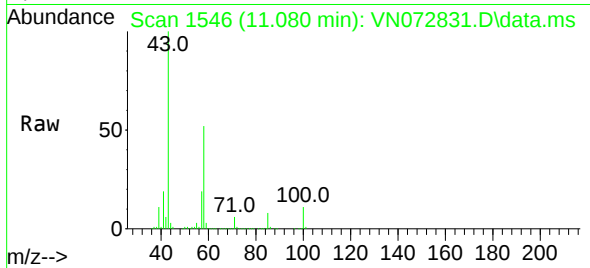
Tgt Ion: 63 Resp: 272581
Ion Ratio Lower Upper
63 100
106 27.4 24.6 36.8





#59
2-Hexanone
Concen: 65.576 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

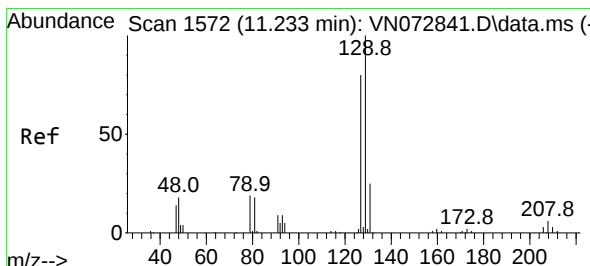
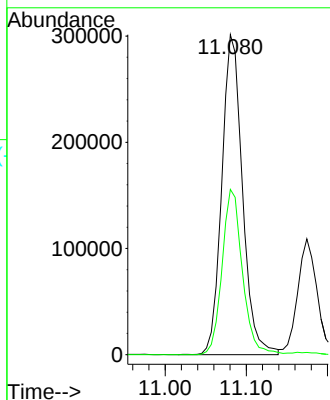
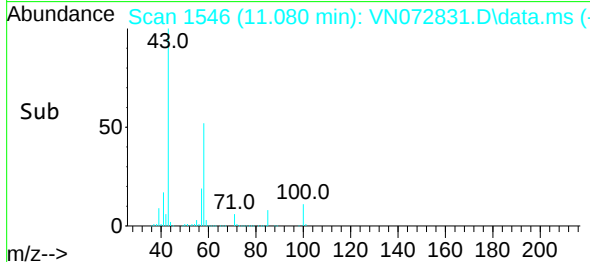
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 53370
Ion Ratio Lower Upper
43 100
58 50.8 29.7 89.1

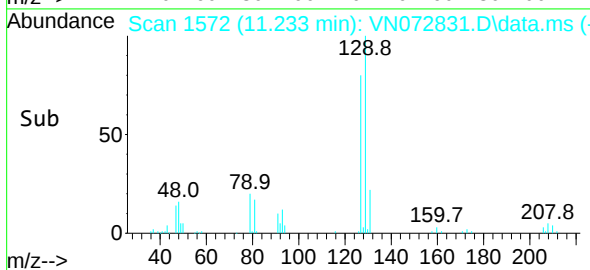
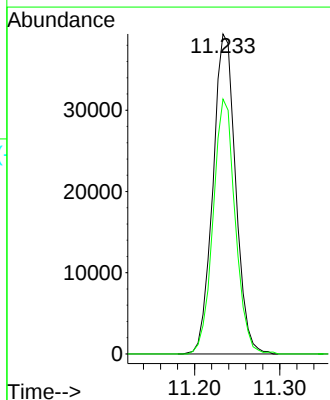
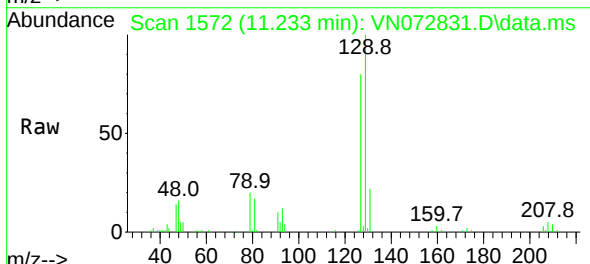
Manual Integrations
APPROVED

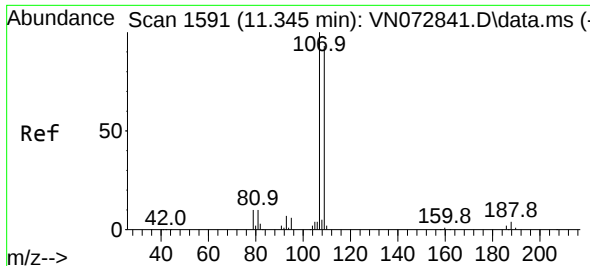
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#60
Dibromochloromethane
Concen: 12.538 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

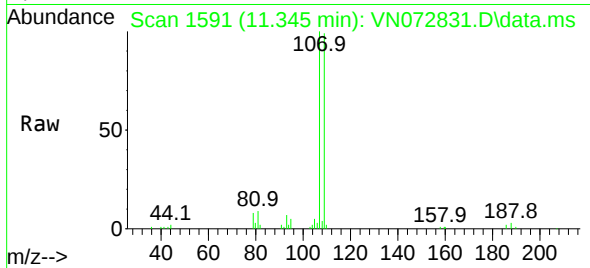
Tgt Ion:129 Resp: 72842
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 12.872 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

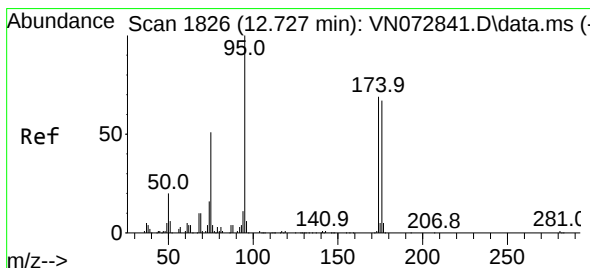
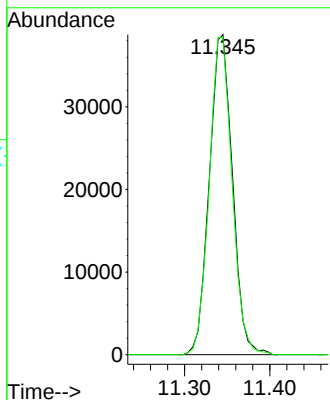
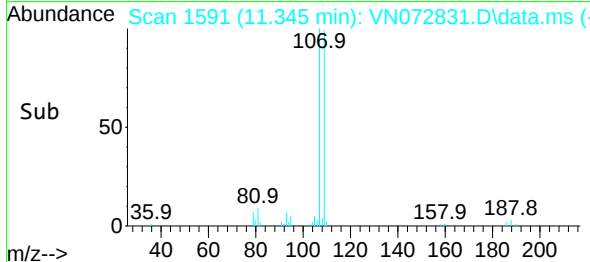
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



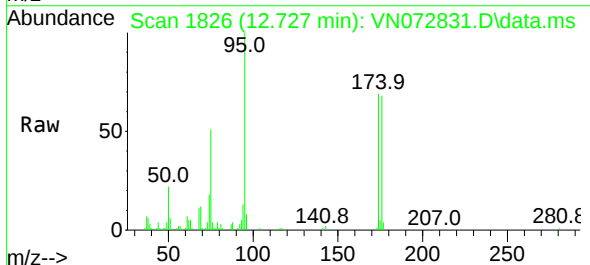
Tgt Ion:107 Resp: 73120
Ion Ratio Lower Upper
107 100
109 98.0 75.0 112.6

Manual Integrations
APPROVED

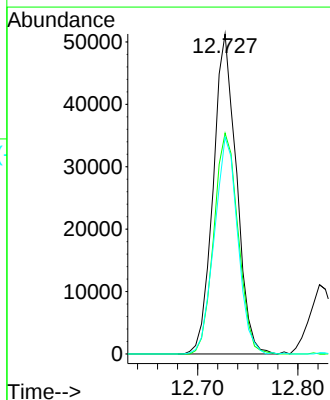
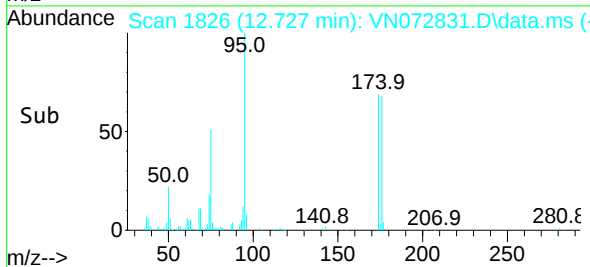
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

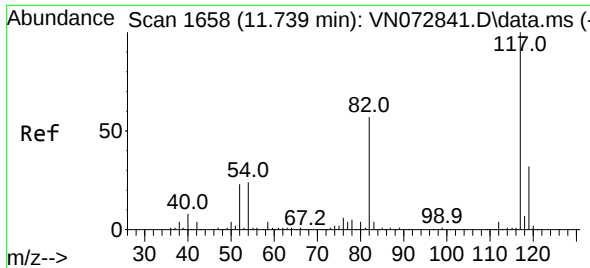


#62
4-Bromofluorobenzene
Concen: 11.669 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



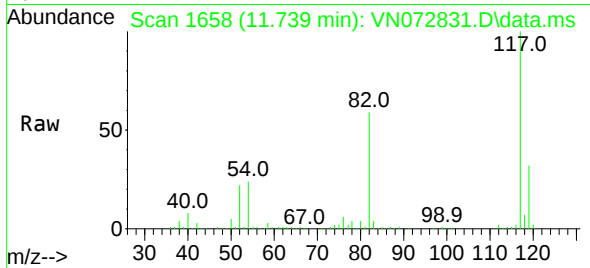
Tgt Ion: 95 Resp: 82534
Ion Ratio Lower Upper
95 100
174 72.0 0.0 167.6
176 68.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

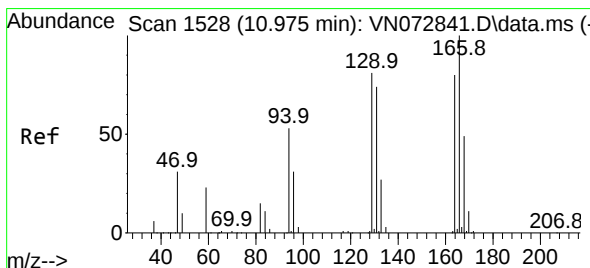
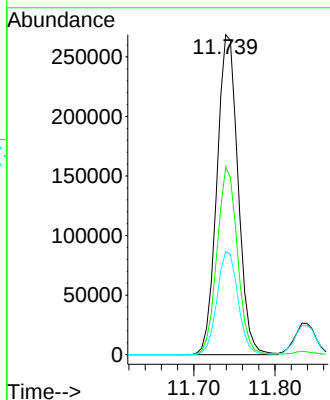
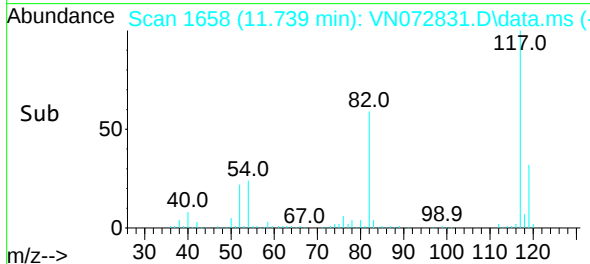
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



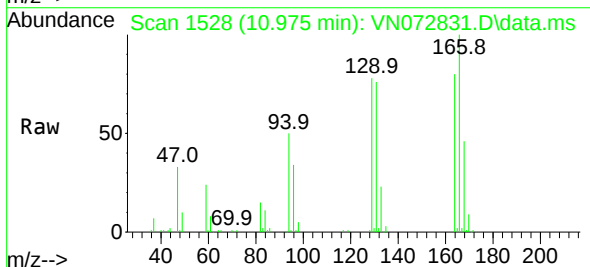
Tgt Ion:117 Resp: 48631
Ion Ratio Lower Upper
117 100
82 58.6 44.2 66.2
119 32.2 25.4 38.0

Manual Integrations
APPROVED

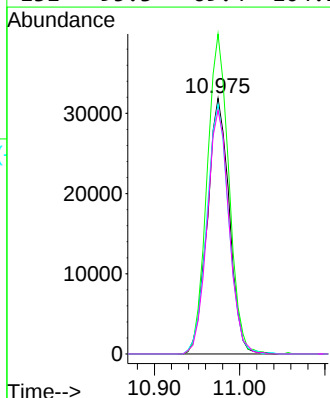
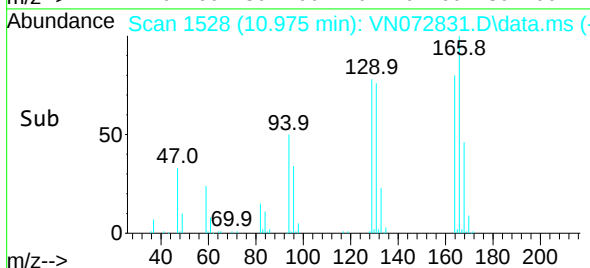
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

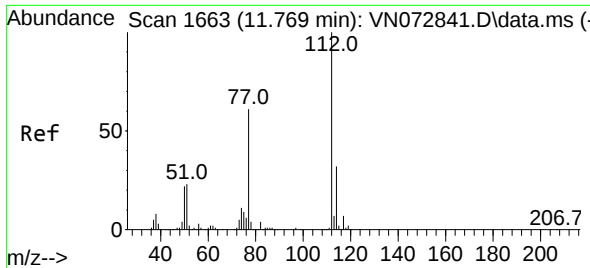


#64
Tetrachloroethene
Concen: 15.806 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



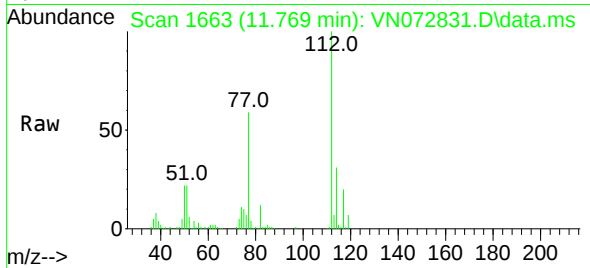
Tgt Ion:164 Resp: 56928
Ion Ratio Lower Upper
164 100
166 125.1 104.2 156.2
129 97.6 73.9 110.9
131 95.3 69.4 104.2





#65
Chlorobenzene
Concen: 14.286 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

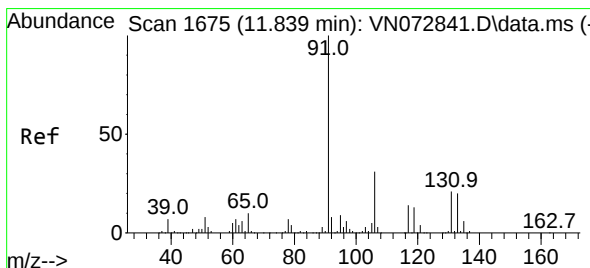
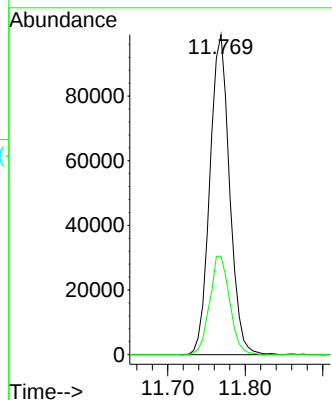
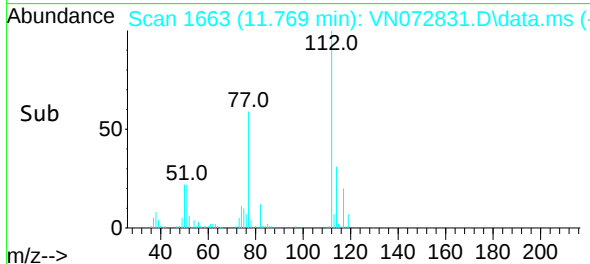
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



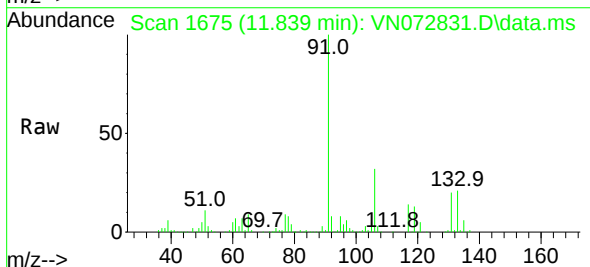
Tgt Ion:112 Resp: 17468
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.2

Manual Integrations
APPROVED

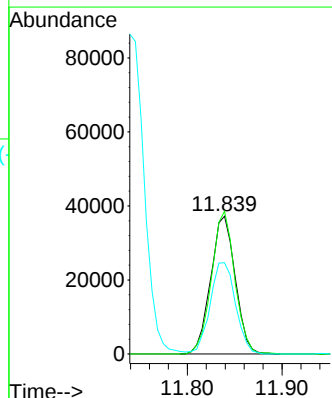
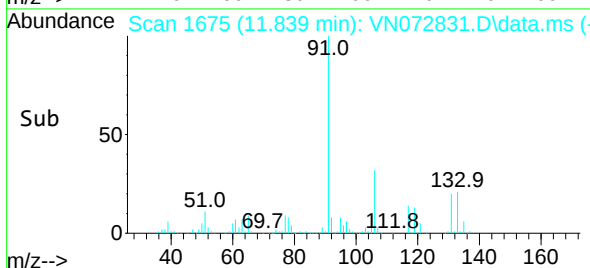
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

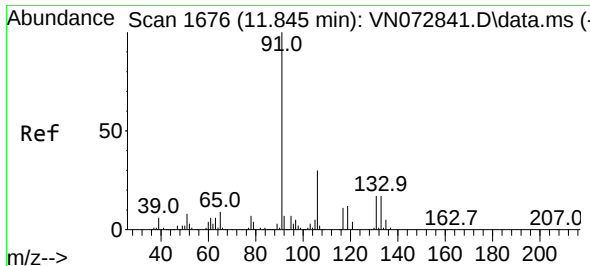


#66
1,1,1,2-Tetrachloroethane
Concen: 14.454 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



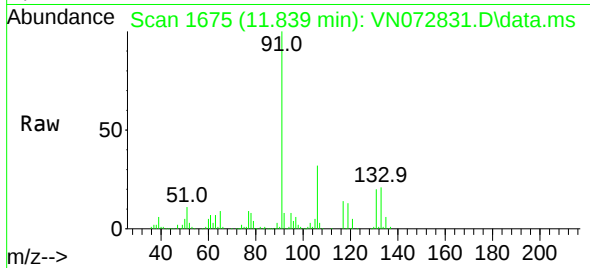
Tgt Ion:131 Resp: 66991
Ion Ratio Lower Upper
131 100
133 98.3 47.8 143.4
119 68.7 33.4 100.2





#67
Ethyl Benzene
Concen: 14.018 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

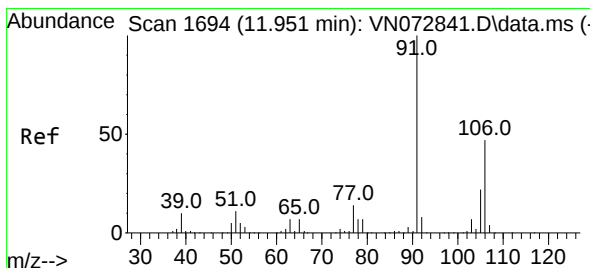
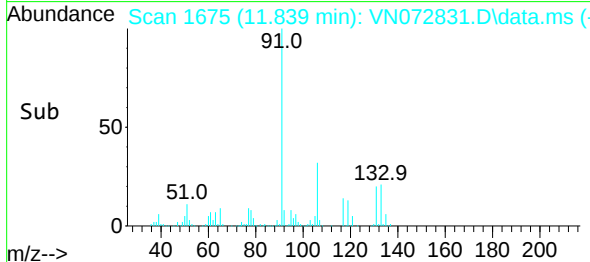
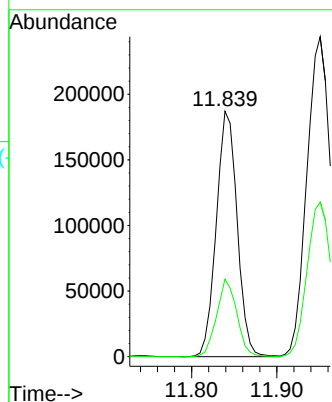
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 31842
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

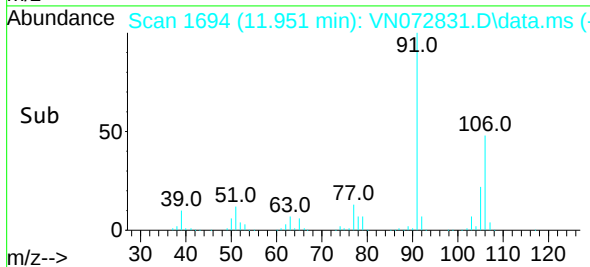
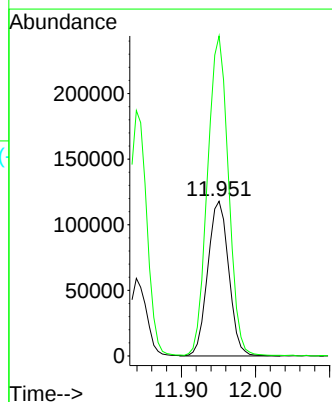
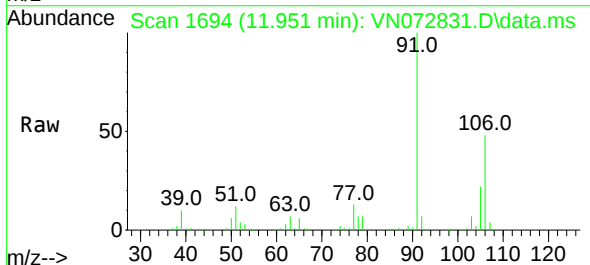
Manual Integrations
APPROVED

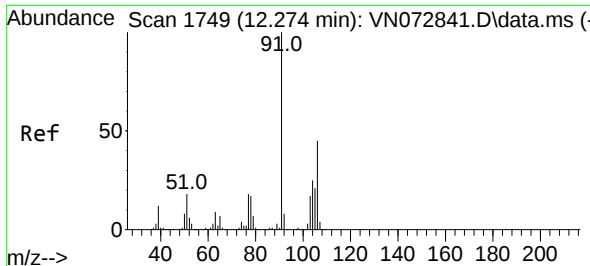
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#68
m/p-Xylenes
Concen: 28.525 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

Tgt Ion:106 Resp: 232497
Ion Ratio Lower Upper
106 100
91 205.9 158.9 238.3





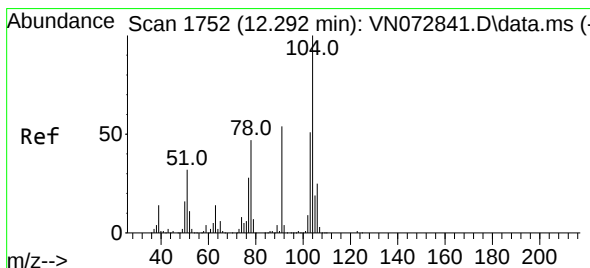
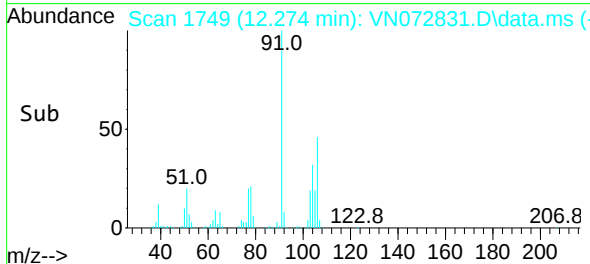
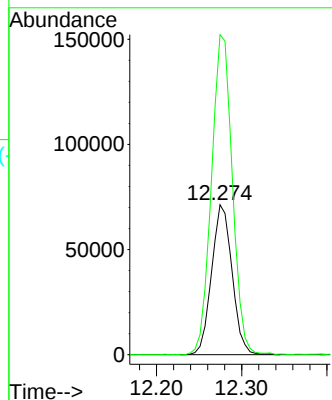
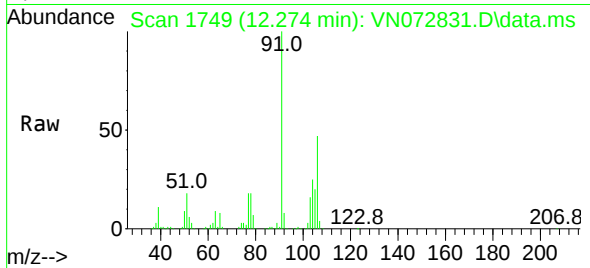
#69
o-Xylene
Concen: 14.535 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 119109
Ion Ratio Lower Upper
106 100
91 218.1 106.0 318.0

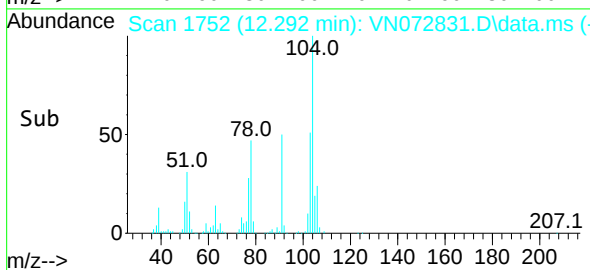
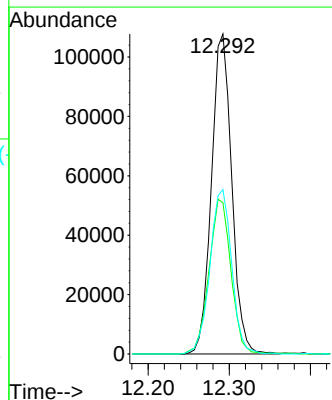
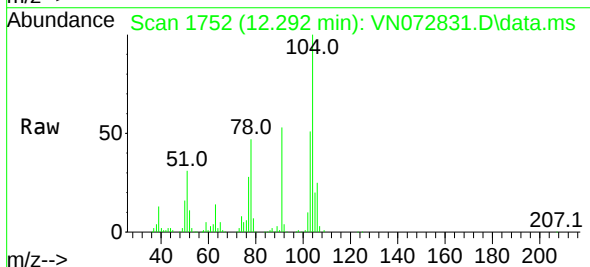
Manual Integrations
APPROVED

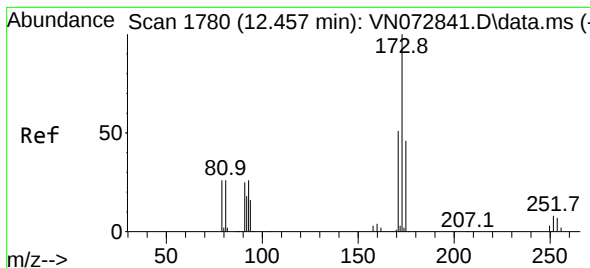
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#70
Styrene
Concen: 14.336 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

Tgt Ion:104 Resp: 187284
Ion Ratio Lower Upper
104 100
78 52.4 39.5 59.3
103 55.1 44.0 66.0





#71

Bromoform

Concen: 14.254 ug/l

RT: 12.457 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

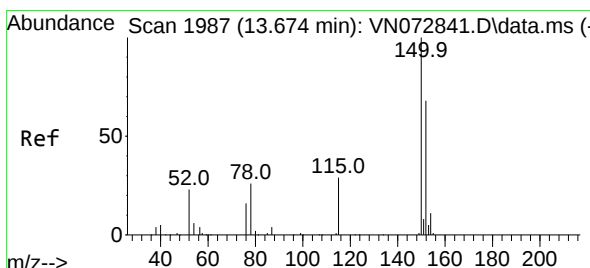
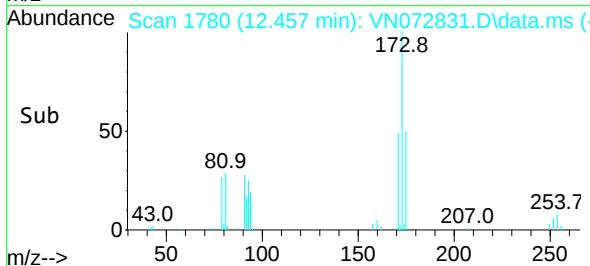
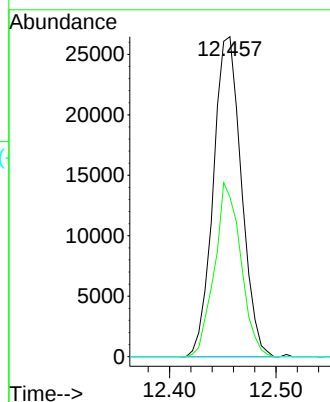
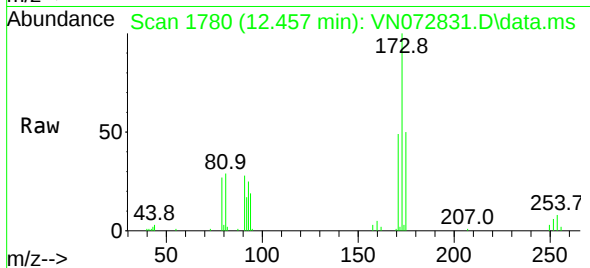
Tgt Ion:	173	Resp:	4844
Ion Ratio	Lower	Upper	
173	100		
175	51.0	24.6	73.6
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

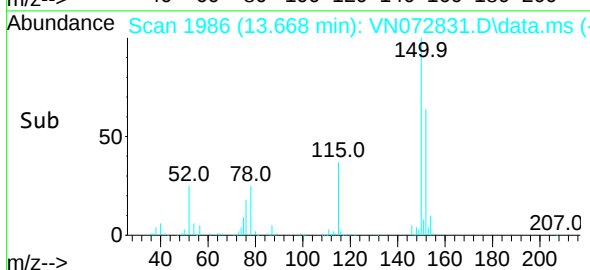
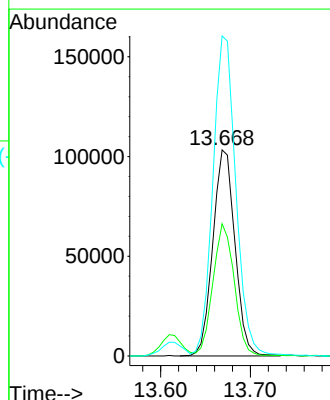
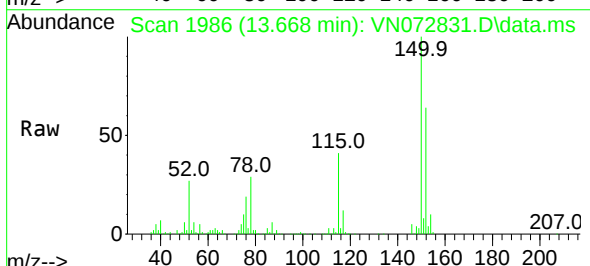
RT: 13.668 min Scan# 1986

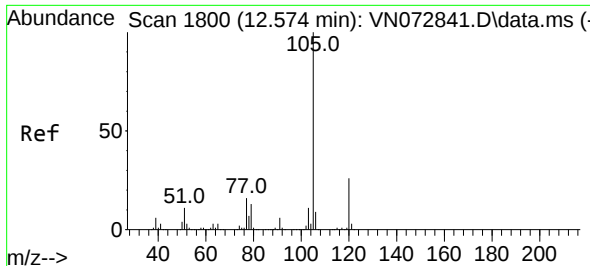
Delta R.T. 0.000 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

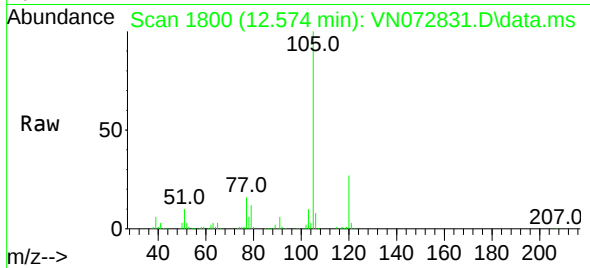
Tgt Ion:	152	Resp:	176877
Ion Ratio	Lower	Upper	
152	100		
115	61.9	28.9	86.7
150	161.4	0.0	356.2





#73
Isopropylbenzene
Concen: 17.528 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

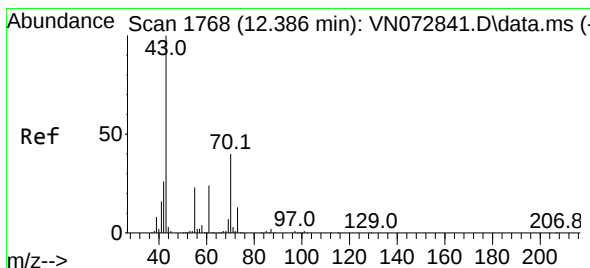
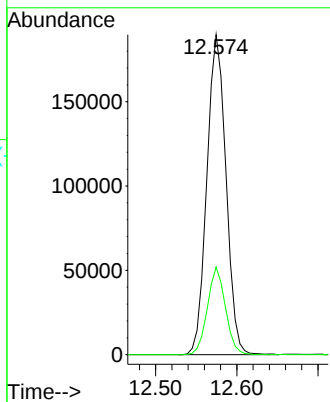
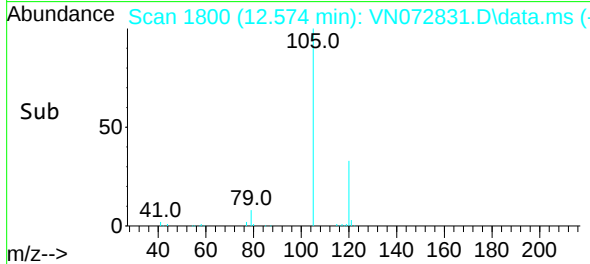
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:105 Resp: 310472
Ion Ratio Lower Upper
105 100
120 25.7 13.5 40.4

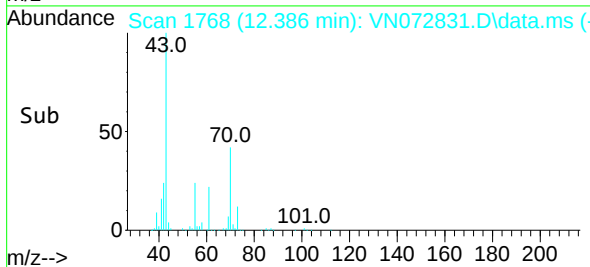
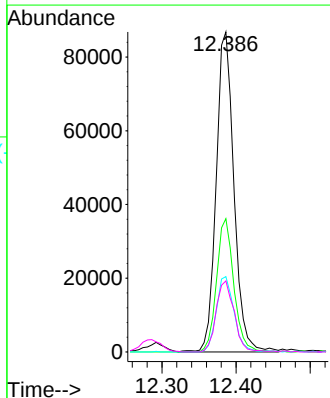
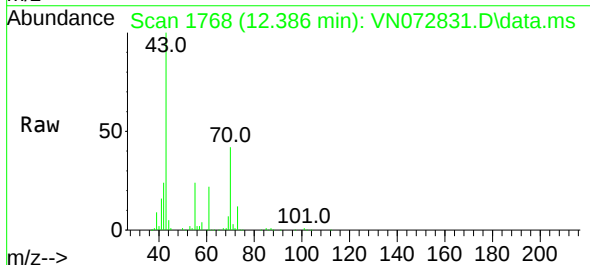
Manual Integrations
APPROVED

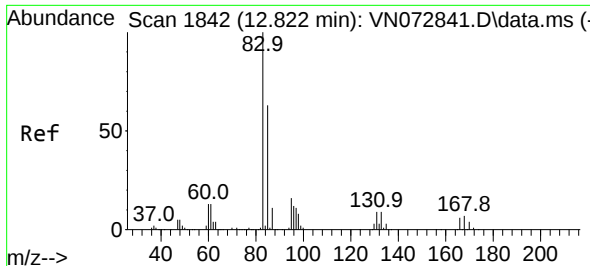
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#74
N-ethyl acetate
Concen: 17.052 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

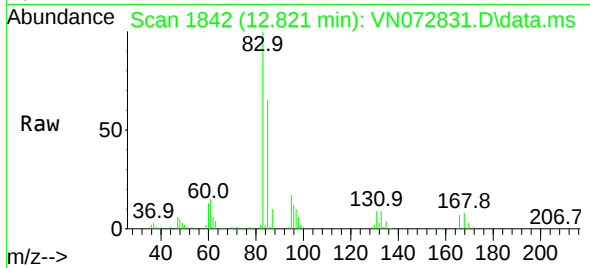
Tgt Ion: 43 Resp: 144430
Ion Ratio Lower Upper
43 100
70 40.5 39.0 58.4
55 23.4 21.1 31.7
61 22.6 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 17.970 ug/l
RT: 12.821 min Scan# 11219
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

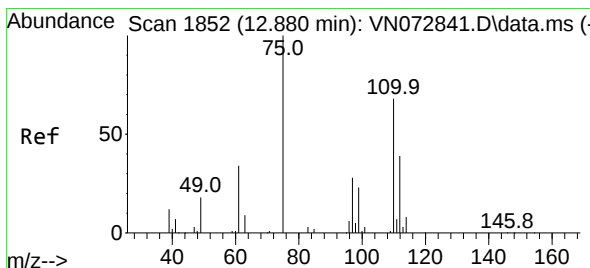
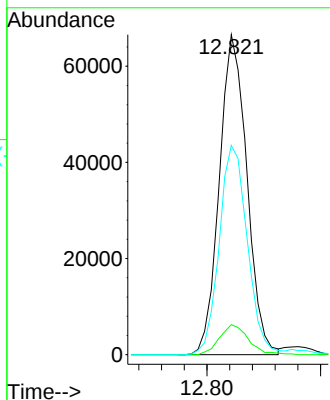
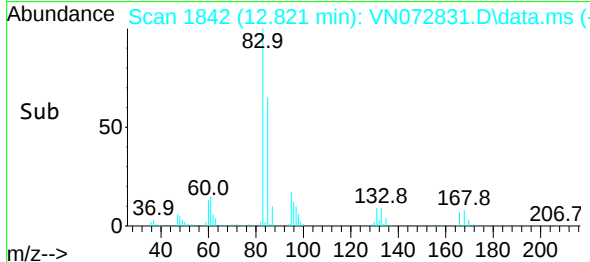
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



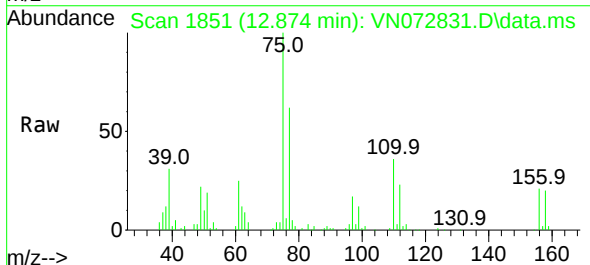
Tgt Ion: 83 Resp: 11219
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.9
85 66.6 32.3 96.9

Manual Integrations
APPROVED

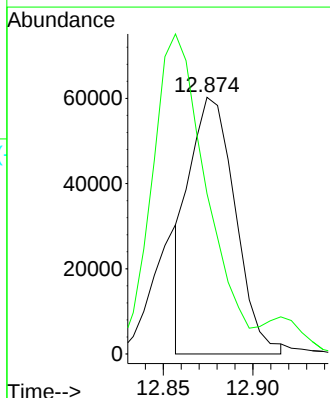
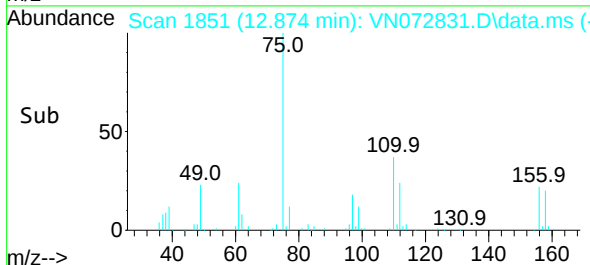
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

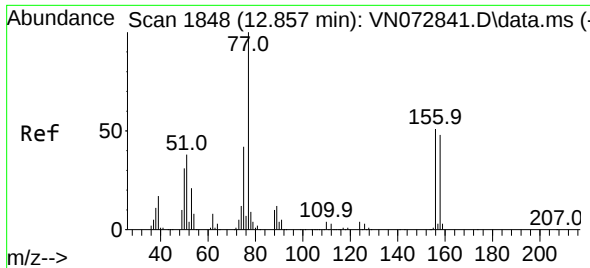


#76
1,2,3-Trichloropropane
Concen: 18.078 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



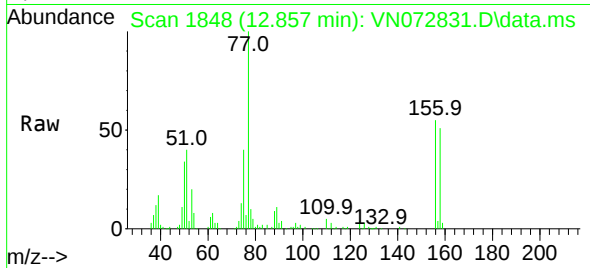
Tgt Ion: 75 Resp: 107674
Ion Ratio Lower Upper
75 100
77 148.9 98.5 295.5





#77
Bromobenzene
Concen: 18.895 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

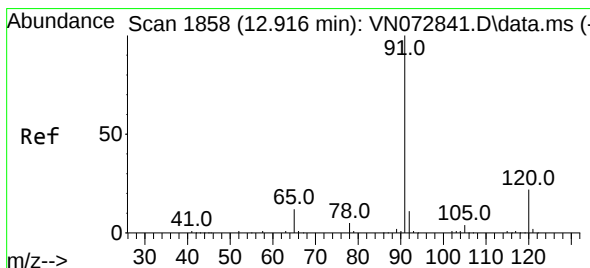
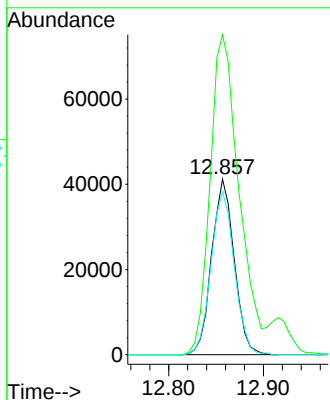
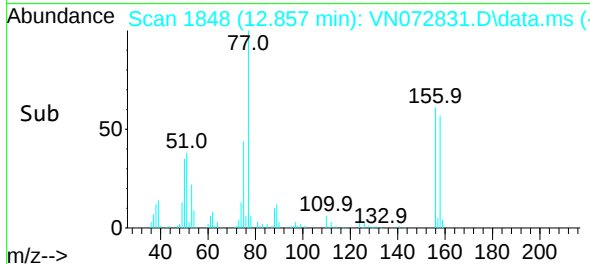
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



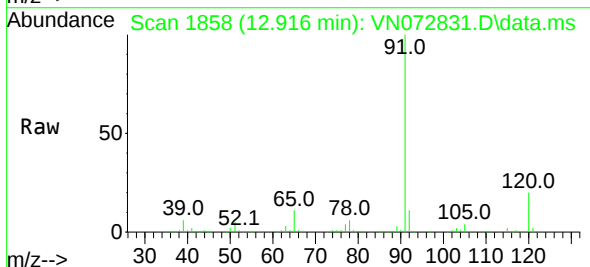
Tgt Ion:156 Resp: 68199
Ion Ratio Lower Upper
156 100
77 235.1 100.5 301.5
158 96.1 48.9 146.6

Manual Integrations
APPROVED

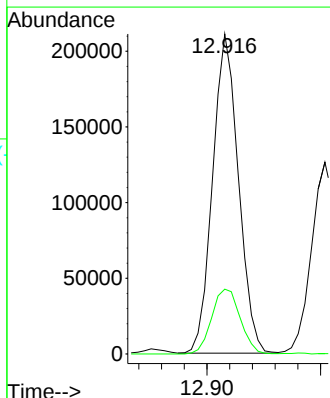
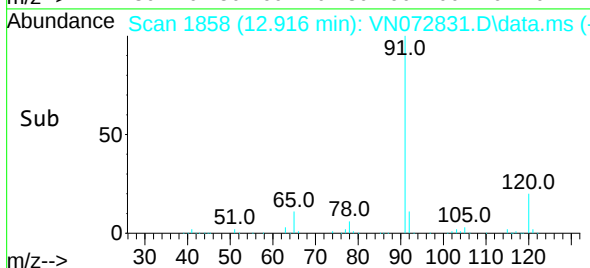
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

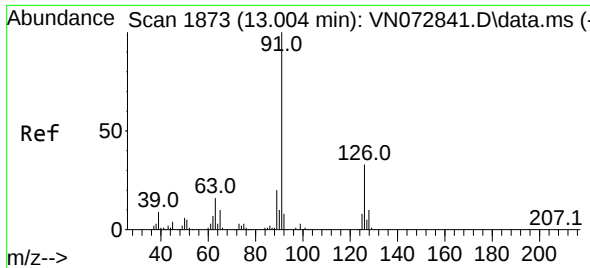


#78
n-propylbenzene
Concen: 16.937 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



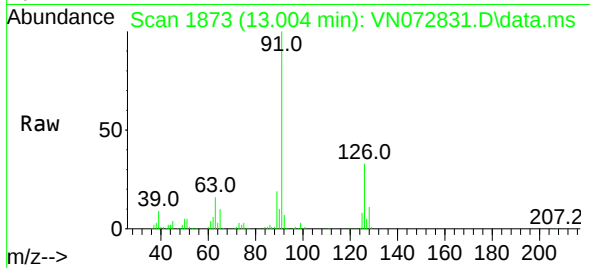
Tgt Ion: 91 Resp: 332957
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5





#79
2-Chlorotoluene
Concen: 16.859 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

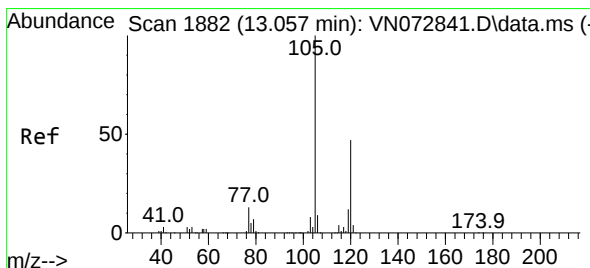
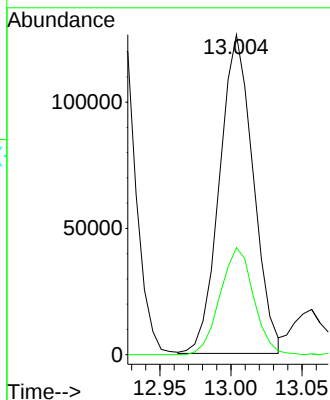
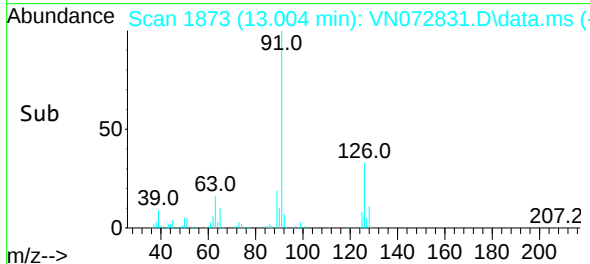
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



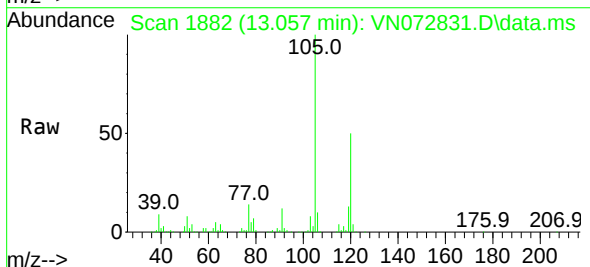
Tgt Ion: 91 Resp: 208589
Ion Ratio Lower Upper
91 100
126 33.3 17.3 51.9

Manual Integrations
APPROVED

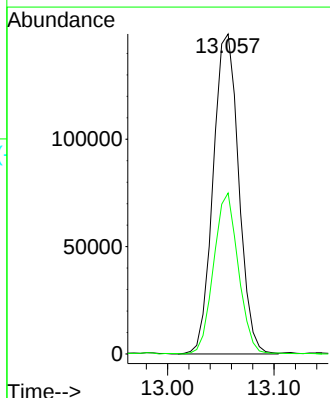
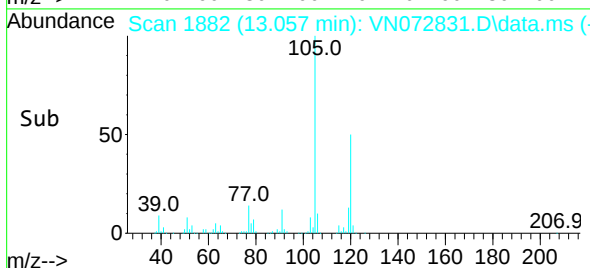
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

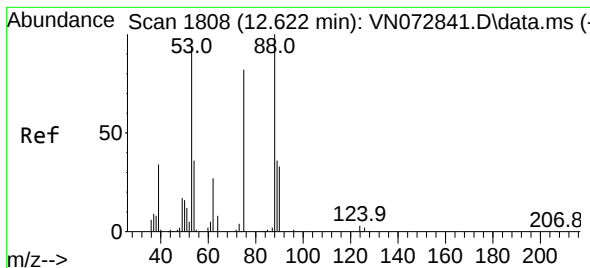


#80
1,3,5-Trimethylbenzene
Concen: 17.362 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



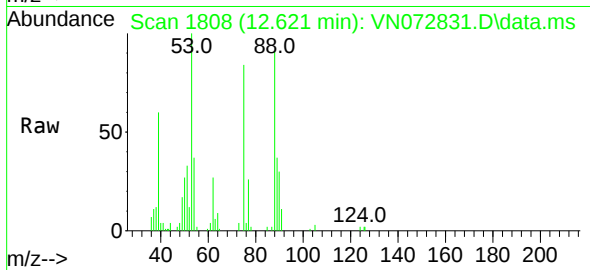
Tgt Ion:105 Resp: 248052
Ion Ratio Lower Upper
105 100
120 48.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 15.864 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

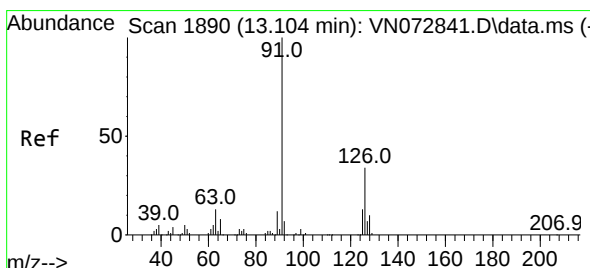
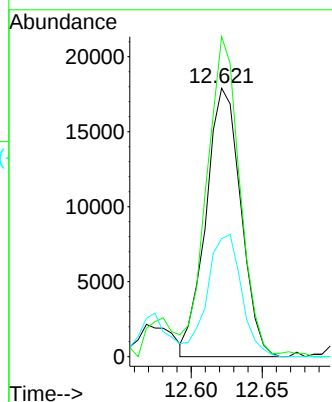
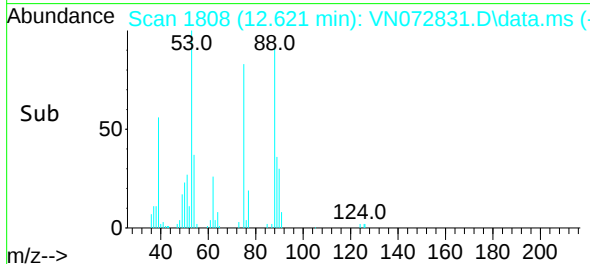
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



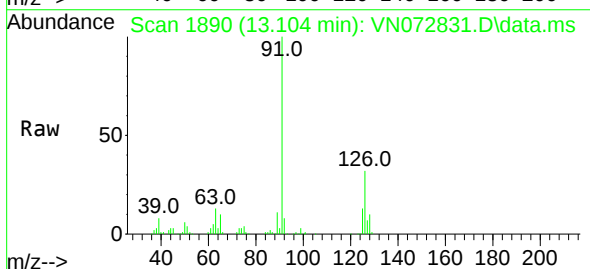
Tgt Ion: 75 Resp: 30610
Ion Ratio Lower Upper
75 100
53 110.4 78.0 117.0
89 44.8 37.2 55.8

Manual Integrations
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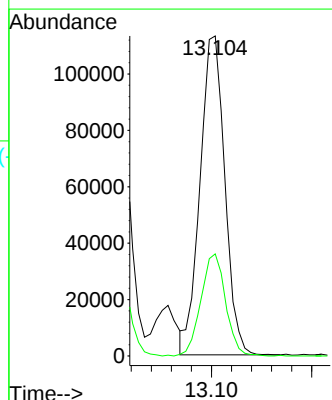
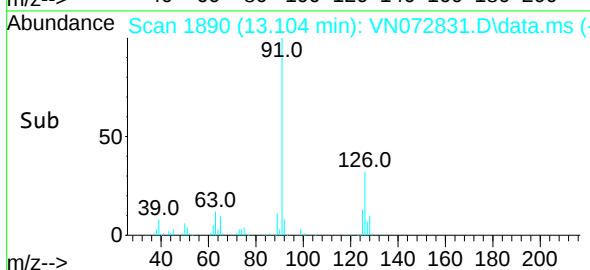
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

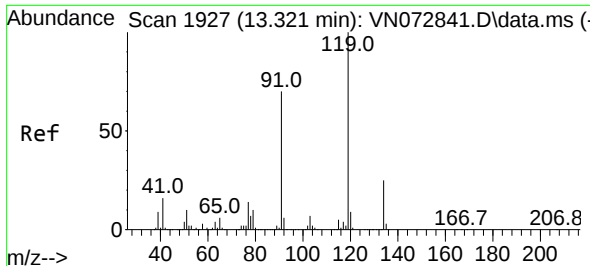


#82
4-Chlorotoluene
Concen: 16.807 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



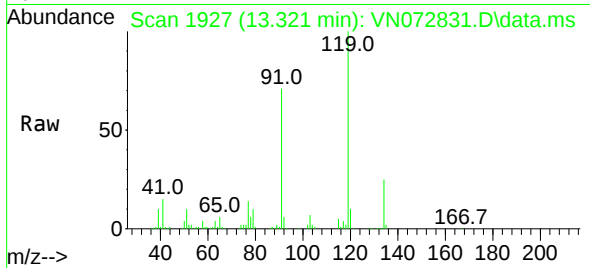
Tgt Ion: 91 Resp: 194020
Ion Ratio Lower Upper
91 100
126 32.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 17.395 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

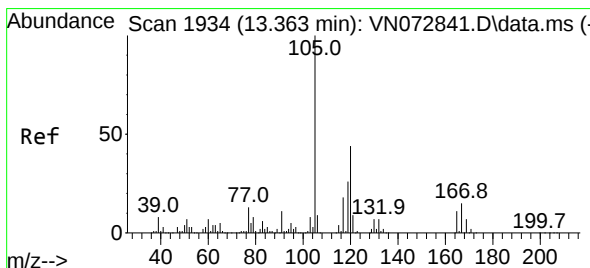
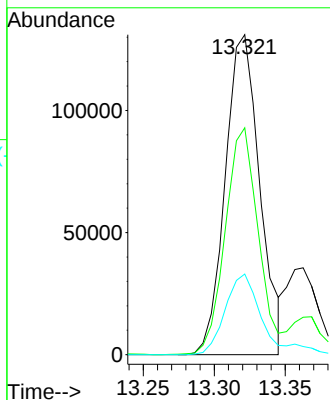
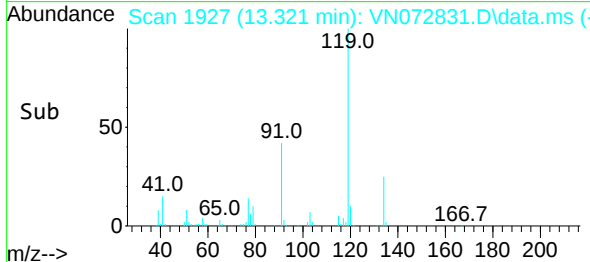
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



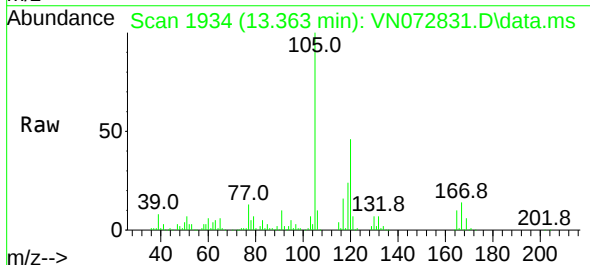
Tgt Ion:119 Resp: 221937
Ion Ratio Lower Upper
119 100
91 67.3 31.6 94.8
134 27.1 13.7 41.1

Manual Integrations
APPROVED

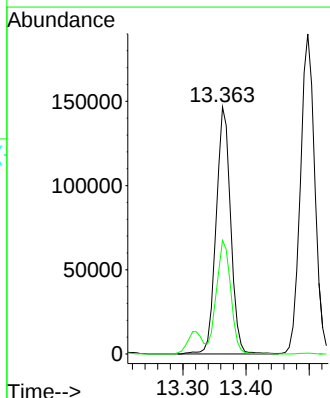
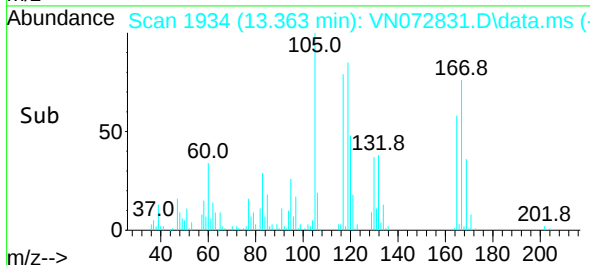
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

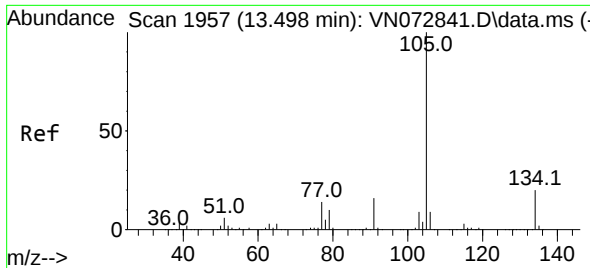


#84
1,2,4-Trimethylbenzene
Concen: 17.122 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



Tgt Ion:105 Resp: 234916
Ion Ratio Lower Upper
105 100
120 44.5 23.3 69.8





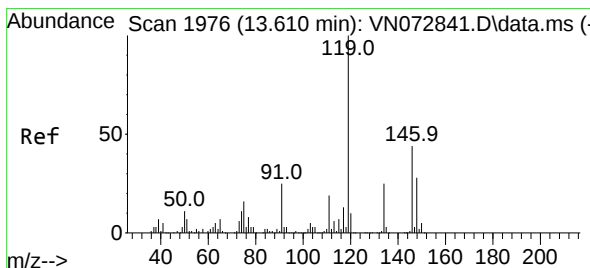
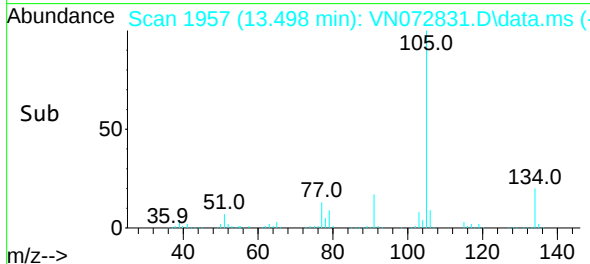
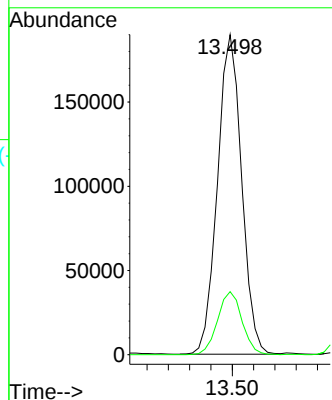
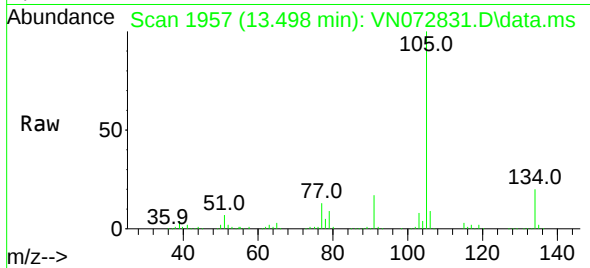
#85
 sec-Butylbenzene
 Concen: 17.475 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072831.D
 Acq: 14 Jun 2022 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Tgt Ion:105 Resp: 298489
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.1

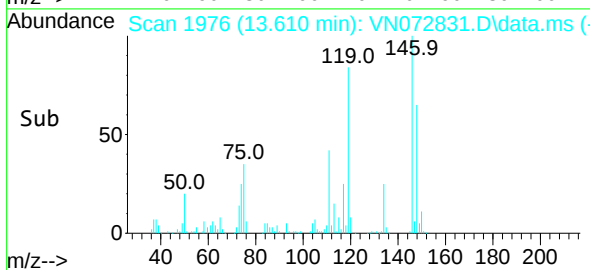
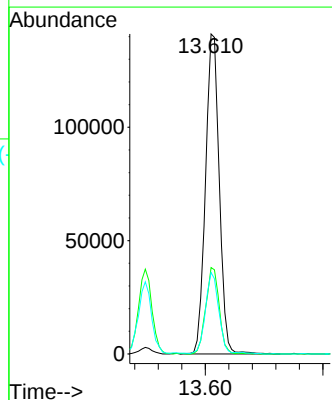
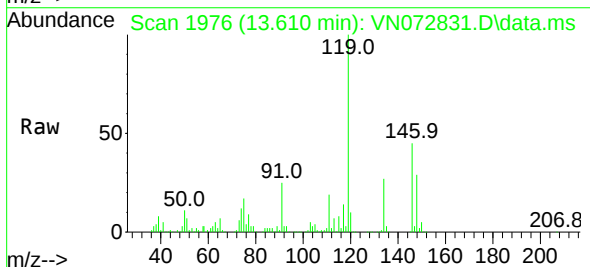
Manual Integrations
 APPROVED

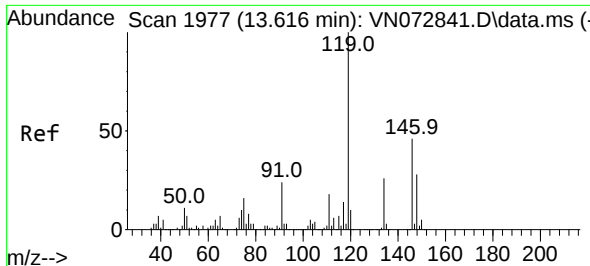
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022



#86
 p-Isopropyltoluene
 Concen: 17.216 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072831.D
 Acq: 14 Jun 2022 13:22

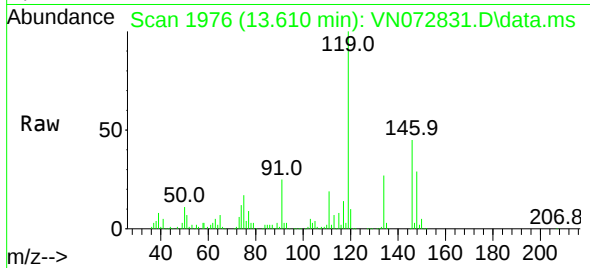
Tgt Ion:119 Resp: 228976
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 24.1 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 18.043 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

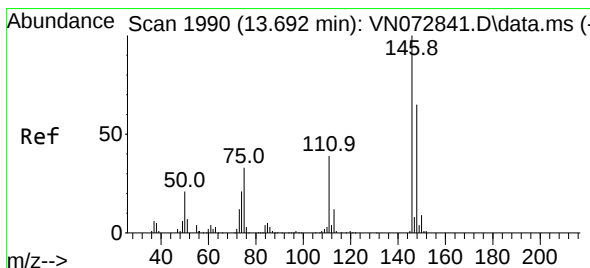
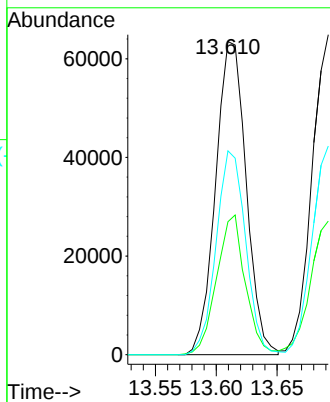
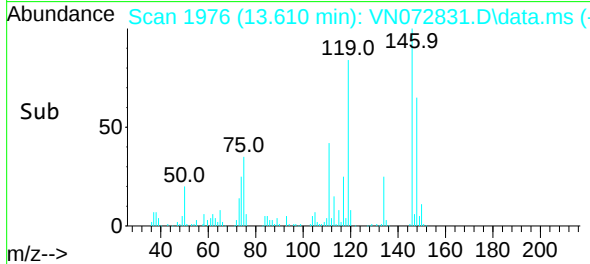
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



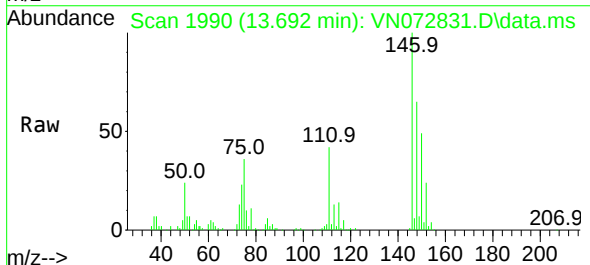
Tgt Ion:146 Resp: 111092
Ion Ratio Lower Upper
146 100
111 41.9 20.0 60.0
148 62.9 32.0 96.0

Manual Integrations
APPROVED

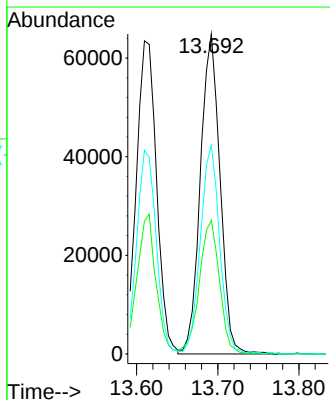
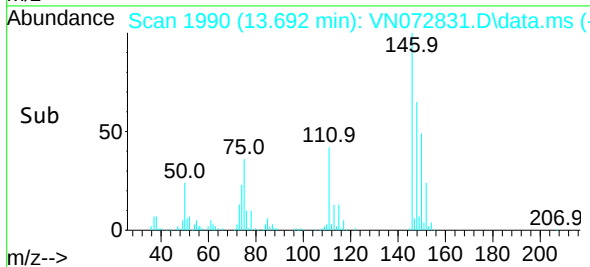
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

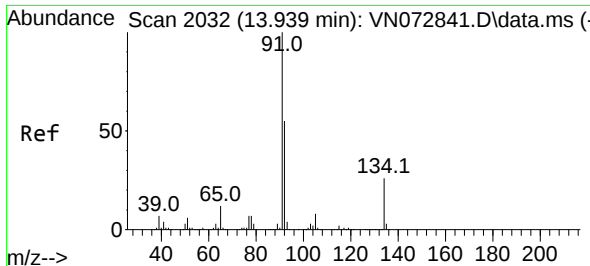


#88
1,4-Dichlorobenzene
Concen: 17.956 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



Tgt Ion:146 Resp: 109093
Ion Ratio Lower Upper
146 100
111 42.8 19.1 57.1
148 64.1 31.4 94.3





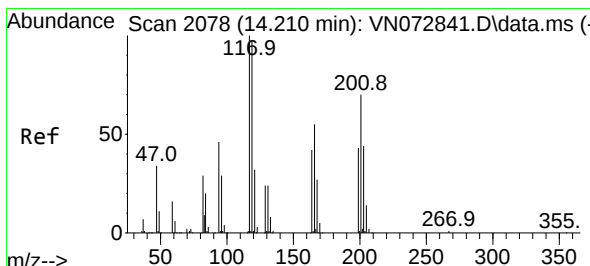
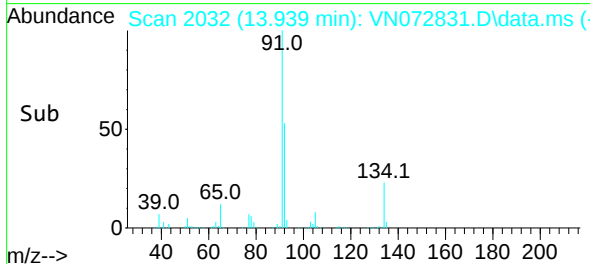
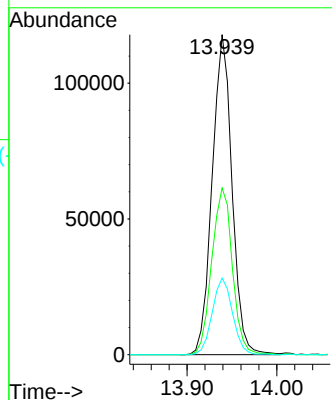
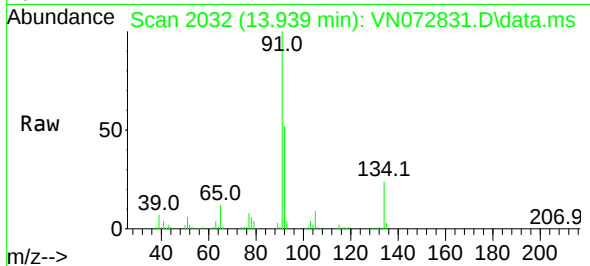
#89
n-Butylbenzene
Concen: 16.087 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 18091
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 24.4 13.6 40.8

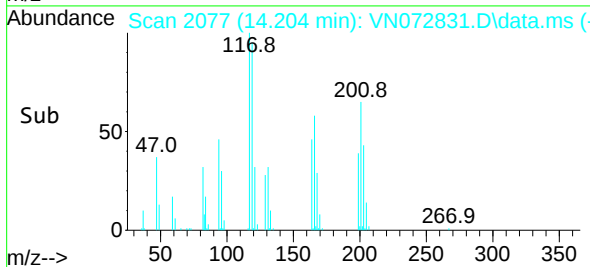
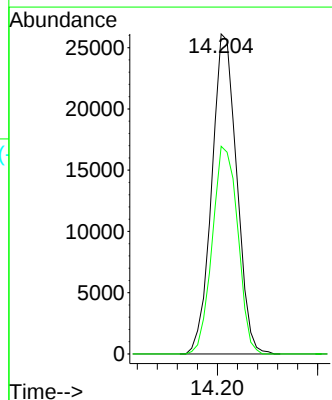
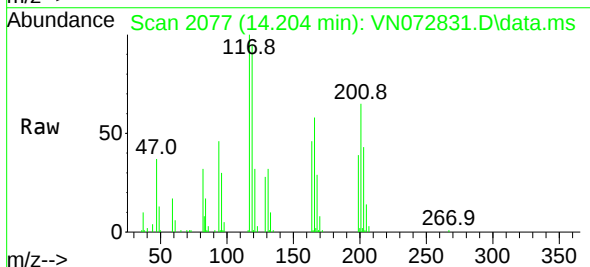
Manual Integrations
APPROVED

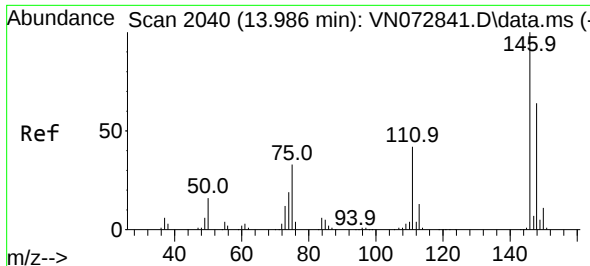
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#90
Hexachloroethane
Concen: 15.937 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

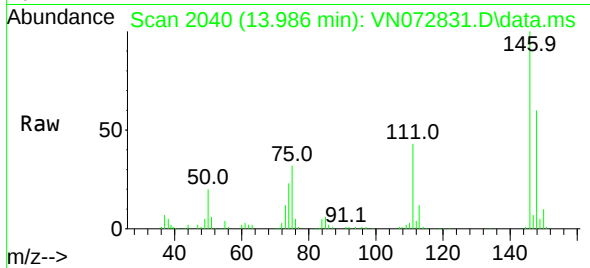
Tgt Ion:117 Resp: 45069
Ion Ratio Lower Upper
117 100
201 66.2 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 18.911 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

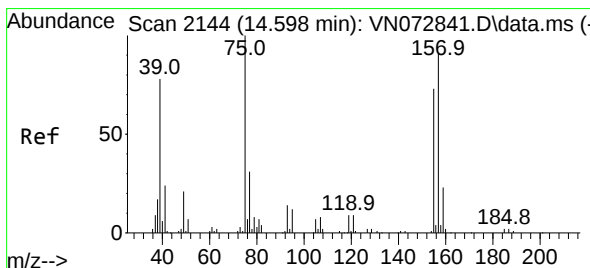
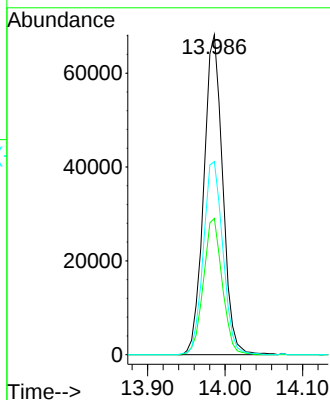
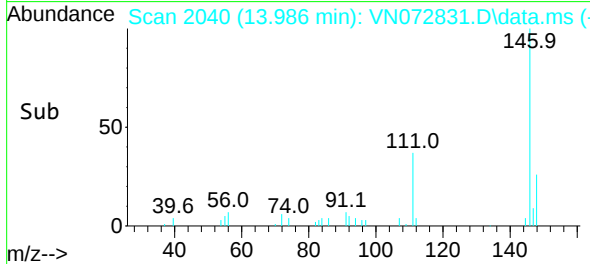
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



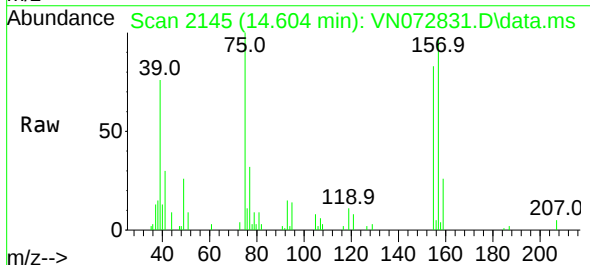
Tgt Ion:146 Resp: 11565
Ion Ratio Lower Upper
146 100
111 42.3 20.9 62.8
148 62.5 32.1 96.3

Manual Integrations
APPROVED

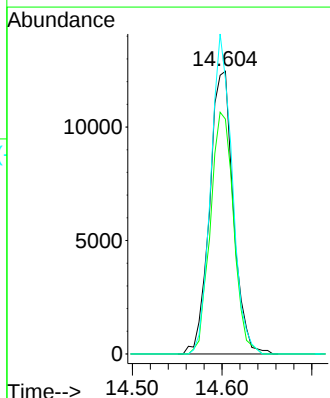
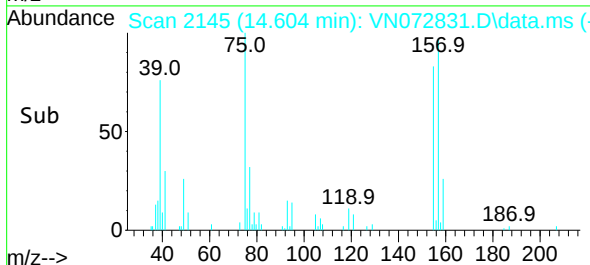
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

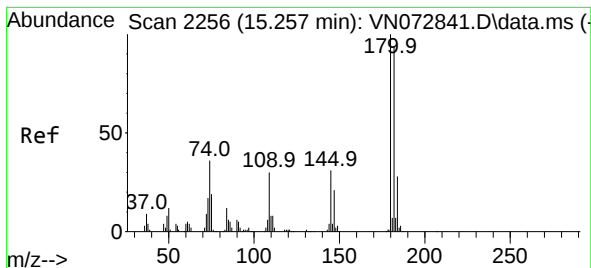


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.852 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



Tgt Ion: 75 Resp: 22841
Ion Ratio Lower Upper
75 100
155 83.6 44.9 134.5
157 101.8 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 18.870 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:180 Resp: 5253

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.5

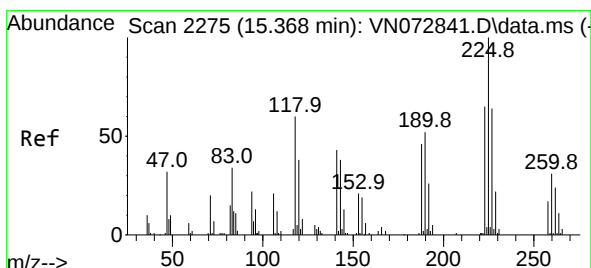
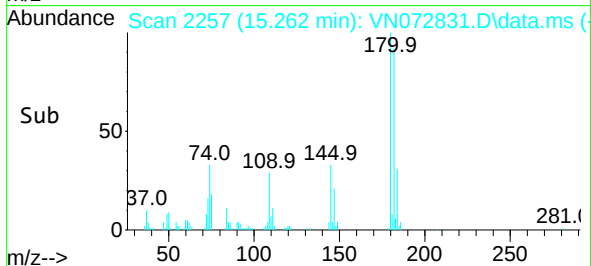
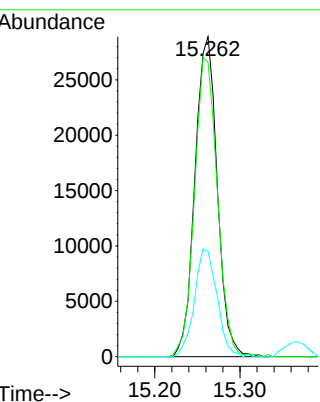
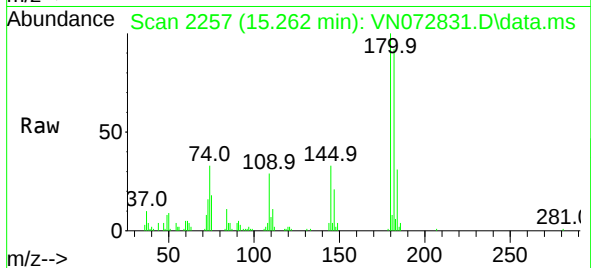
145 34.2 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#94

Hexachlorobutadiene

Concen: 18.663 ug/l

RT: 15.362 min Scan# 2274

Delta R.T. -0.006 min

Lab File: VN072831.D

Acq: 14 Jun 2022 13:22

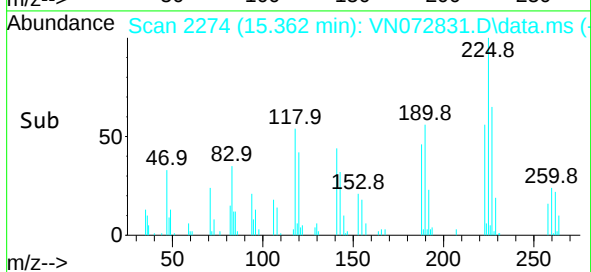
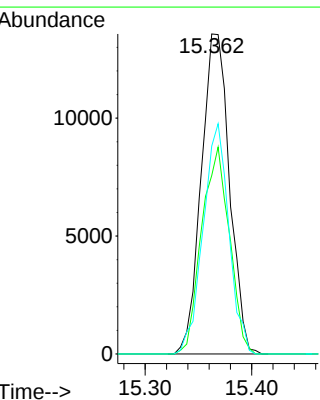
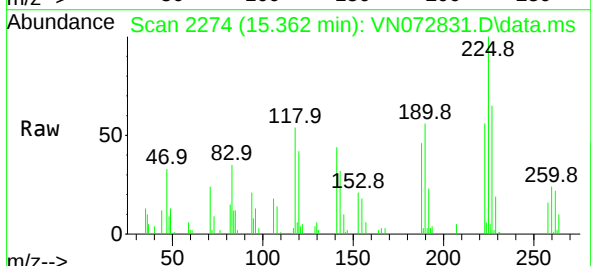
Tgt Ion:225 Resp: 25004

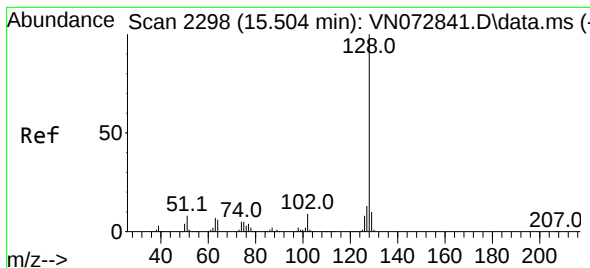
Ion Ratio Lower Upper

225 100

223 63.4 32.4 97.2

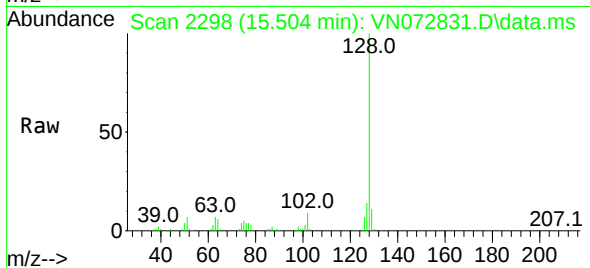
227 65.7 31.8 95.4





#95
Naphthalene
Concen: 18.528 ug/l
RT: 15.504 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22

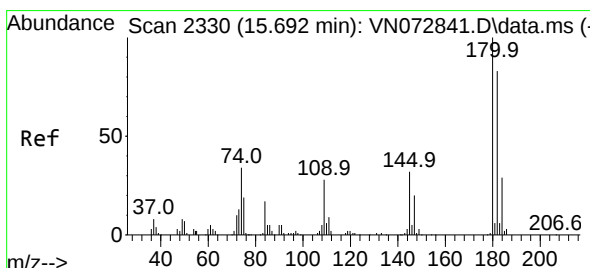
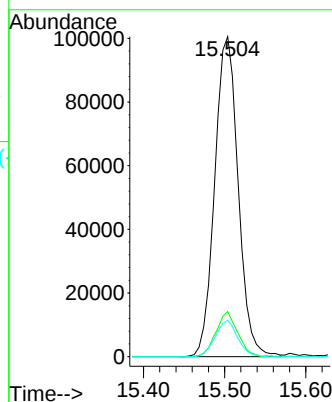
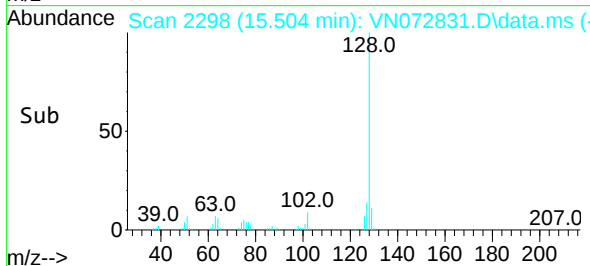
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



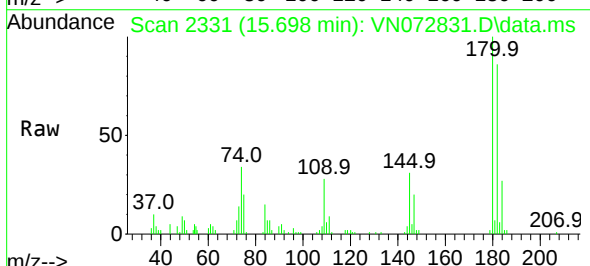
Tgt Ion:128 Resp: 20172
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.214 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072831.D
Acq: 14 Jun 2022 13:22



Tgt Ion:180 Resp: 55456
Ion Ratio Lower Upper
180 100
182 96.6 47.8 143.3
145 33.7 15.5 46.5

