

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072830.D
 Acq On : 14 Jun 2022 12:58
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 14:07:24 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	309152	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	578671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	505615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	167766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	25361	3.198	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	6.400%	#	
35) Dibromofluoromethane	8.016	113	18788	3.520	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	7.040%	#	
50) Toluene-d8	10.439	98	73611	3.435	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	6.860%	#	
62) 4-Bromofluorobenzene	12.727	95	21941	2.910	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	5.820%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	14292	3.192	ug/l	94
3) Chloromethane	2.293	50	18007	3.432	ug/l	96
4) Vinyl Chloride	2.434	62	14179	2.790	ug/l	98
5) Bromomethane	2.828	94	6902	3.433	ug/l	94
6) Chloroethane	3.004	64	12222	3.326	ug/l	96
7) Trichlorofluoromethane	3.357	101	26244	3.276	ug/l	100
8) Diethyl Ether	3.822	74	11086	3.477	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.198	101	15623	3.492	ug/l #	82
10) Methyl Iodide	4.404	142	13378	4.226	ug/l	99
11) Tert butyl alcohol	5.363	59	25372	3.239	ug/l #	82
12) 1,1-Dichloroethene	4.169	96	15435	3.805	ug/l	94
13) Acrolein	4.045	56	10214	25.222	ug/l	95
14) Allyl chloride	4.828	41	34048	3.605	ug/l #	90
15) Acrylonitrile	5.551	53	68588	18.065	ug/l	99
16) Acetone	4.281	43	61814	16.686	ug/l #	87
17) Carbon Disulfide	4.522	76	37110	3.817	ug/l	98
18) Methyl Acetate	4.845	43	37822	3.880	ug/l #	89
19) Methyl tert-butyl Ether	5.610	73	57491	3.072	ug/l	99
20) Methylene Chloride	5.092	84	20215	3.419	ug/l	91
21) trans-1,2-Dichloroethene	5.592	96	16938	3.709	ug/l	90
22) Diisopropyl ether	6.486	45	65434	3.329	ug/l	97
23) Vinyl Acetate	6.428	43	285830	16.138	ug/l	94
24) 1,1-Dichloroethane	6.381	63	33594	3.274	ug/l	95
25) 2-Butanone	7.333	43	98348	16.971	ug/l	98
26) 2,2-Dichloropropane	7.322	77	24866	2.646	ug/l	99
27) cis-1,2-Dichloroethene	7.328	96	21096	3.672	ug/l	95
28) Bromochloromethane	7.657	49	16312	3.327	ug/l #	78
29) Tetrahydrofuran	7.686	42	66313	18.443	ug/l #	86
30) Chloroform	7.810	83	34125	3.218	ug/l	89
31) Cyclohexane	8.081	56	38383	4.530	ug/l #	81
32) 1,1,1-Trichloroethane	8.010	97	27553	2.952	ug/l	98
36) 1,1-Dichloropropene	8.216	75	22954	3.060	ug/l	98
37) Ethyl Acetate	7.404	43	37204	3.223	ug/l	98
38) Carbon Tetrachloride	8.198	117	23116	2.956	ug/l	99
39) Methylcyclohexane	9.451	83	28051	3.298	ug/l #	89
40) Benzene	8.457	78	77953	3.490	ug/l	96

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 Sample : VSTDICC005
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Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Quant Time: Jun 14 14:07:24 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)
41) Methacrylonitrile	7.633	41	18781	3.408	ug/l #	84
42) 1,2-Dichloroethane	8.528	62	29010	3.048	ug/l	96
43) Isopropyl Acetate	8.557	43	60116	3.386	ug/l #	90
44) Trichloroethene	9.216	130	18298	3.589	ug/l	93
45) 1,2-Dichloropropane	9.486	63	19888	3.170	ug/l	97
46) Dibromomethane	9.575	93	14086	3.373	ug/l #	87
47) Bromodichloromethane	9.757	83	26259	3.032	ug/l	96
48) Methyl methacrylate	9.557	41	25686	3.099	ug/l	90
49) 1,4-Dioxane	9.575	88	9692	68.900	ug/l #	86
51) 4-Methyl-2-Pentanone	10.327	43	190768	16.253	ug/l	91
52) Toluene	10.498	92	48410	3.419	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	25374	2.765	ug/l	98
54) cis-1,3-Dichloropropene	10.180	75	29858	3.050	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	20844	3.469	ug/l	94
56) Ethyl methacrylate	10.757	69	33852	3.244	ug/l #	85
57) 1,3-Dichloropropane	11.039	76	36502	3.393	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.039	63	68401	15.648	ug/l	93
59) 2-Hexanone	11.080	43	137770	15.878	ug/l	90
60) Dibromochloromethane	11.233	129	18865	3.046	ug/l	100
61) 1,2-Dibromoethane	11.339	107	20606	3.402	ug/l	100
64) Tetrachloroethene	10.969	164	17154	4.581	ug/l	93
65) Chlorobenzene	11.769	112	49731	3.912	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	18259	3.789	ug/l	99
67) Ethyl Benzene	11.845	91	88510	3.748	ug/l	99
68) m/p-Xylenes	11.951	106	64225	7.579	ug/l	94
69) o-Xylene	12.274	106	33645	3.949	ug/l	99
70) Styrene	12.292	104	48455	3.568	ug/l	98
71) Bromoform	12.451	173	12288	3.478	ug/l #	99
73) Isopropylbenzene	12.574	105	79608	4.739	ug/l	100
74) N-amyl acetate	12.386	43	36455	4.538	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.821	83	30187	5.098	ug/l	97
76) 1,2,3-Trichloropropane	12.880	75	25421m	4.500	ug/l	
77) Bromobenzene	12.857	156	17011	4.969	ug/l	79
78) n-propylbenzene	12.915	91	85906	4.607	ug/l	93
79) 2-Chlorotoluene	13.004	91	54832	4.672	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	61743	4.556	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	6617	3.616	ug/l #	75
82) 4-Chlorotoluene	13.104	91	48572	4.436	ug/l	93
83) tert-Butylbenzene	13.321	119	56600	4.677	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	59347	4.561	ug/l	98
85) sec-Butylbenzene	13.498	105	72094	4.450	ug/l	100
86) p-Isopropyltoluene	13.610	119	55942	4.435	ug/l	97
87) 1,3-Dichlorobenzene	13.615	146	28468	4.875	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	27375	4.750	ug/l	91
89) n-Butylbenzene	13.939	91	41527	3.893	ug/l	97
90) Hexachloroethane	14.210	117	11613	4.330	ug/l	74
91) 1,2-Dichlorobenzene	13.986	146	28863	4.976	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	5461	4.248	ug/l	86
93) 1,2,4-Trichlorobenzene	15.262	180	11713	4.436	ug/l	96
94) Hexachlorobutadiene	15.362	225	6382	5.022	ug/l	97
95) Naphthalene	15.504	128	41638	4.032	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	12792	4.673	ug/l	92

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

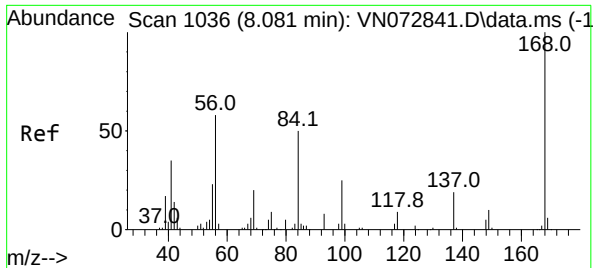
Manual Integrations
APPROVED

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

Quant Time: Jun 14 14:07:24 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



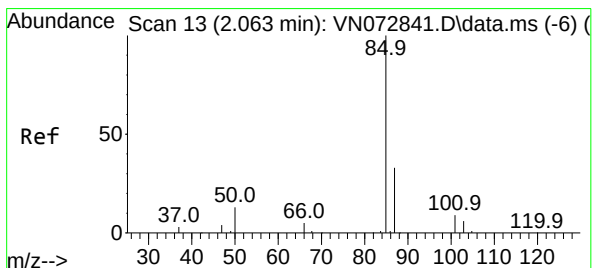
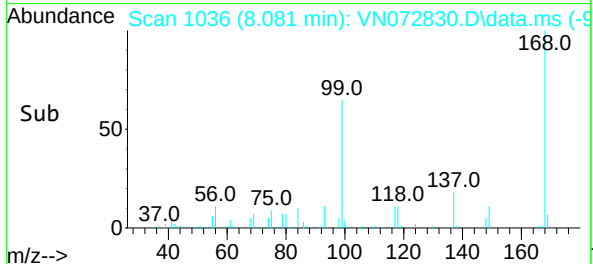
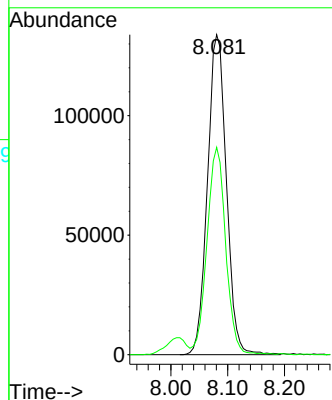
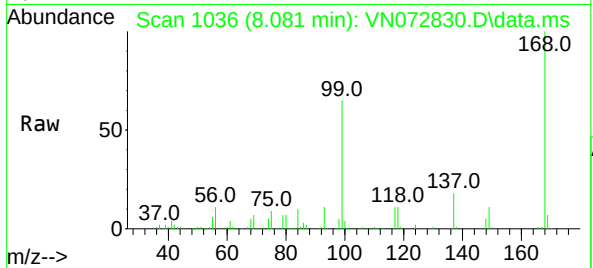
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:168 Resp: 30915
Ion Ratio Lower Upper
168 100
99 64.5 42.3 63.5

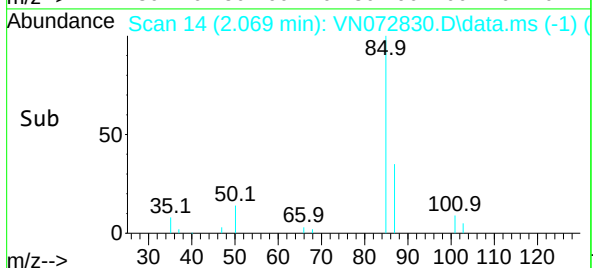
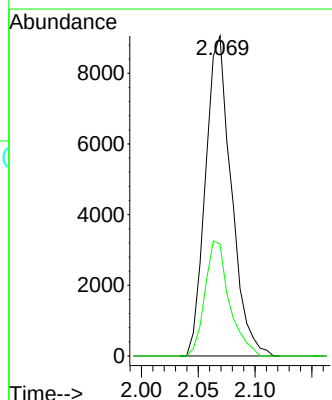
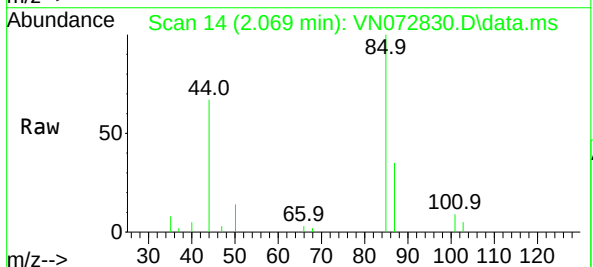
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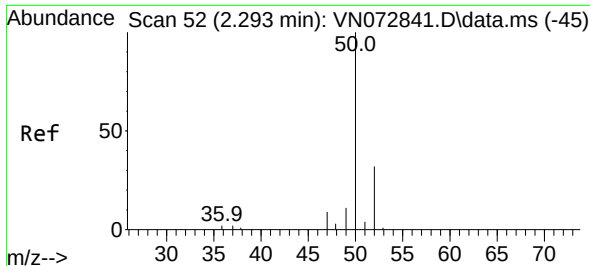
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#2
Dichlorodifluoromethane
Concen: 3.192 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Tgt Ion: 85 Resp: 14292
Ion Ratio Lower Upper
85 100
87 34.9 15.7 47.1





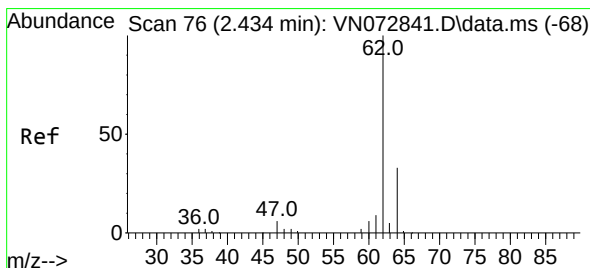
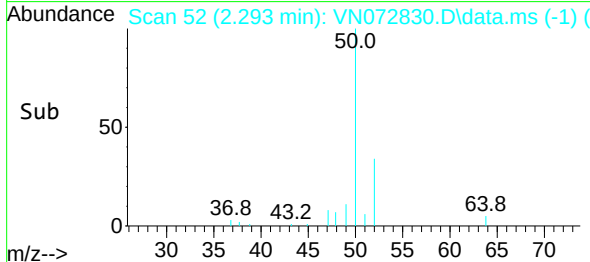
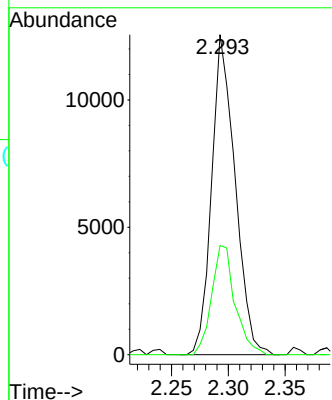
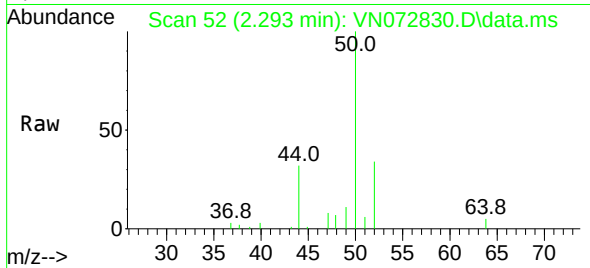
#3
Chloromethane
Concen: 3.432 ug/l
RT: 2.293 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 1800
Ion Ratio Lower Upper
50 100
52 34.1 25.7 38.5

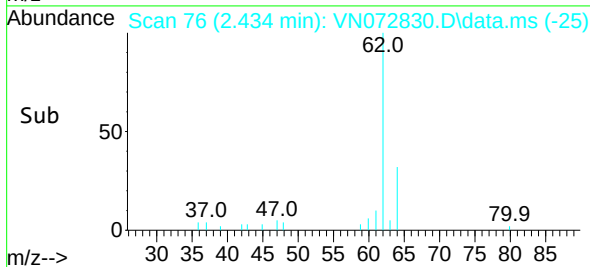
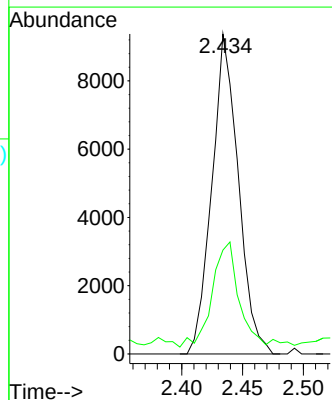
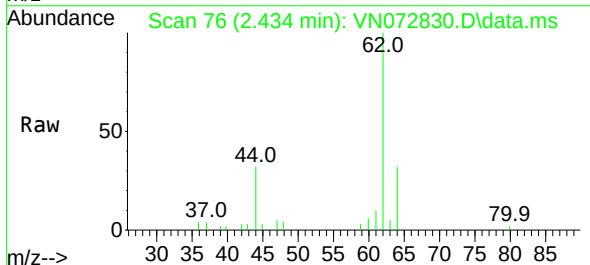
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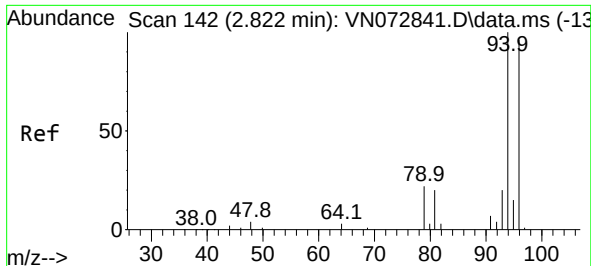
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#4
Vinyl Chloride
Concen: 2.790 ug/l
RT: 2.434 min Scan# 76
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

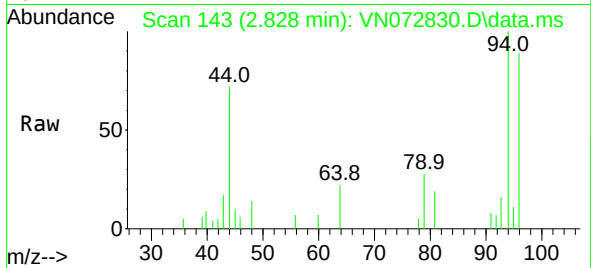
Tgt Ion: 62 Resp: 14179
Ion Ratio Lower Upper
62 100
64 30.3 25.0 37.4





#5
Bromomethane
Concen: 3.433 ug/l
RT: 2.828 min Scan# 142
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

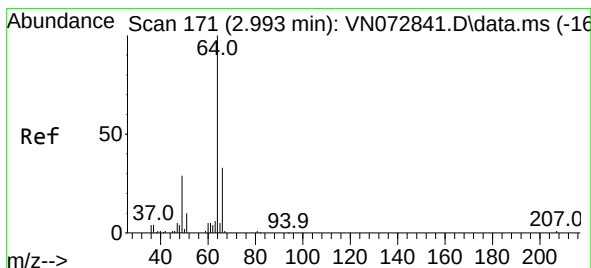
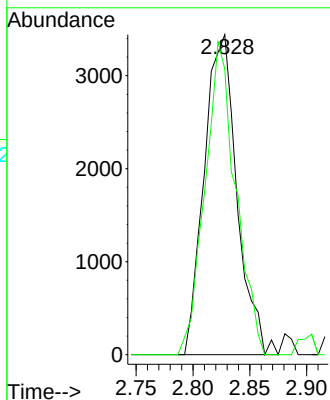
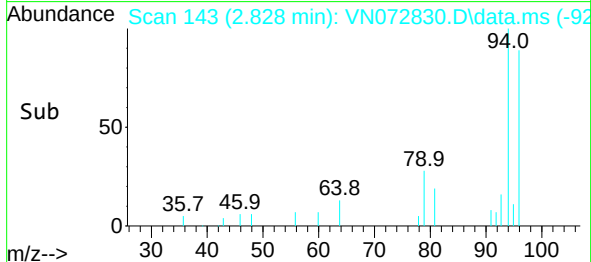
Instrument :
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VSTDIC005



Tgt Ion: 94 Resp: 6902
Ion Ratio Lower Upper
94 100
96 89.2 76.0 114.0

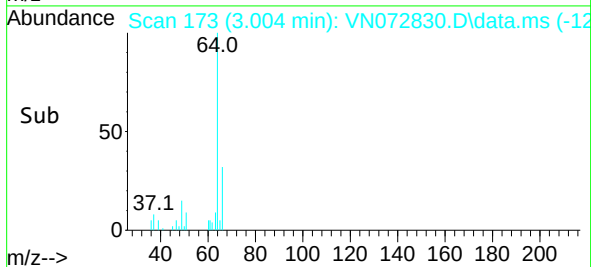
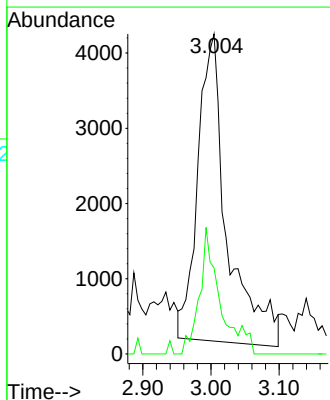
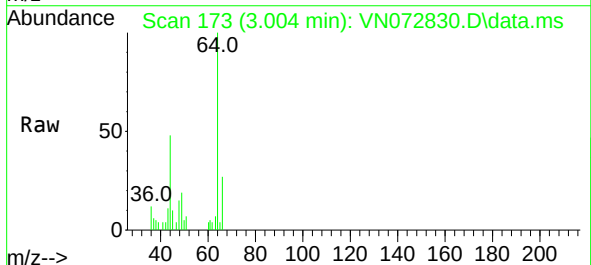
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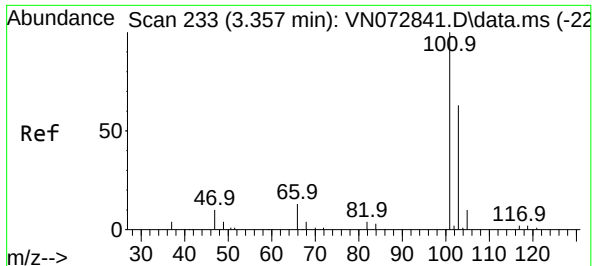
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#6
Chloroethane
Concen: 3.326 ug/l
RT: 3.004 min Scan# 173
Delta R.T. 0.006 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Tgt Ion: 64 Resp: 12222
Ion Ratio Lower Upper
64 100
66 30.6 26.2 39.4





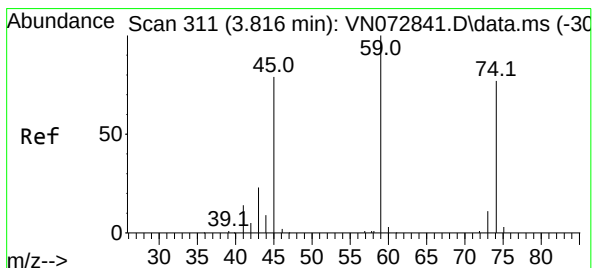
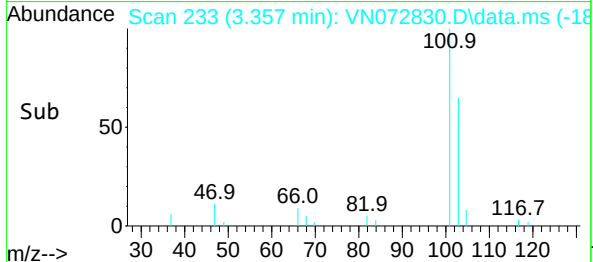
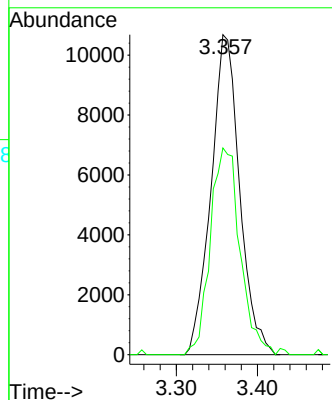
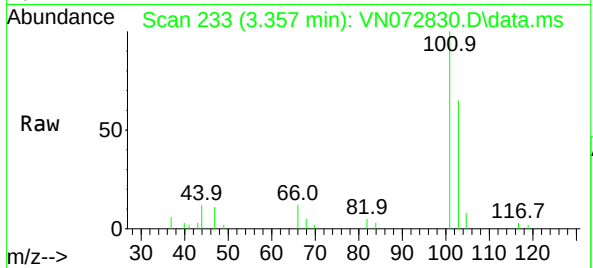
#7
 Trichlorofluoromethane
 Concen: 3.276 ug/l
 RT: 3.357 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN072830.D
 Acq: 14 Jun 2022 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 2624
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.5 77.3

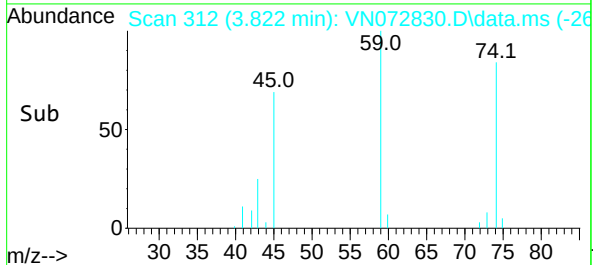
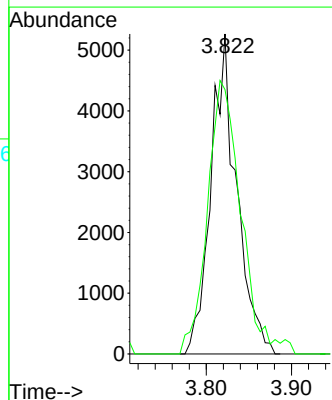
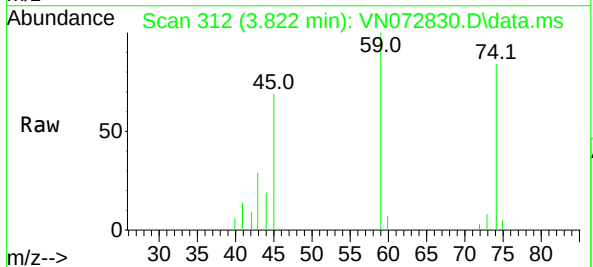
Manual Integrations
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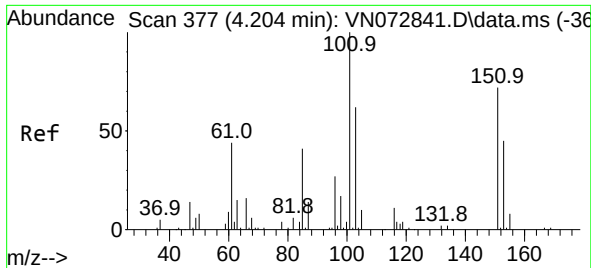
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022



#8
 Diethyl Ether
 Concen: 3.477 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.000 min
 Lab File: VN072830.D
 Acq: 14 Jun 2022 12:58

Tgt Ion: 74 Resp: 11086
 Ion Ratio Lower Upper
 74 100
 45 111.0 42.9 128.5





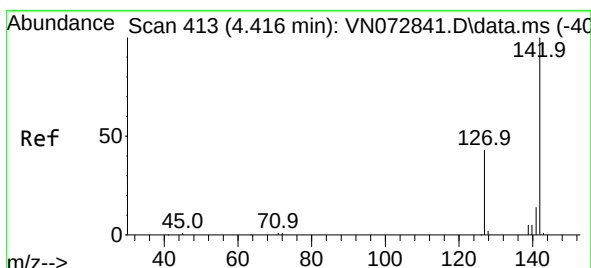
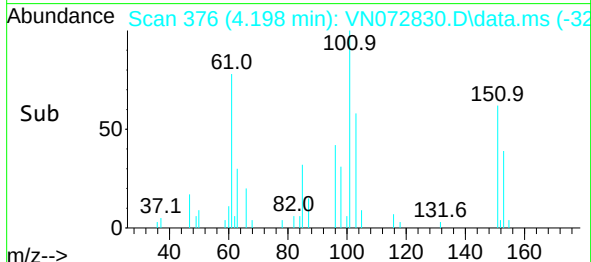
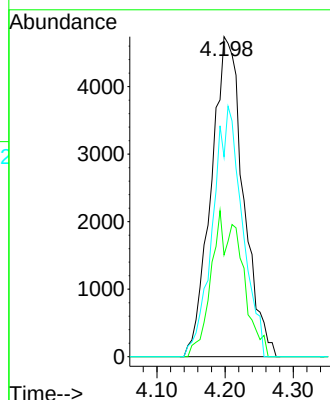
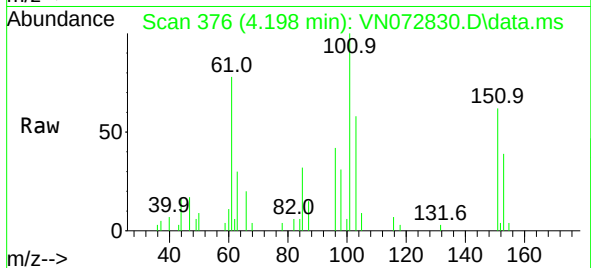
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1,1,2-Trichlorotrifluoroethane
Concen: 3.492 ug/l
RT: 4.198 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1562
Ion Ratio Lower Upper
101 100
85 19.6 34.7 52.1
151 71.7 63.0 94.4

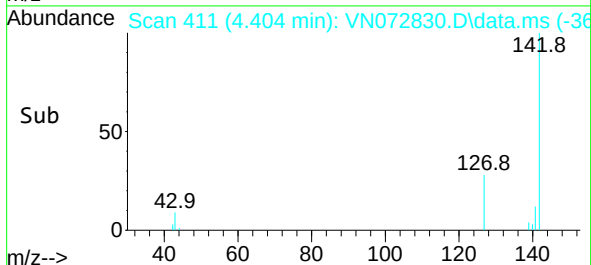
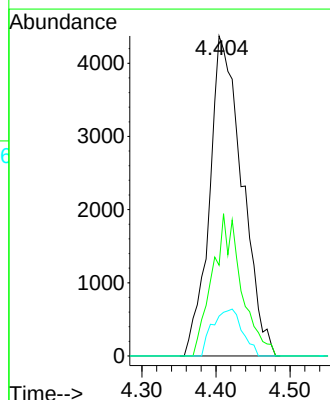
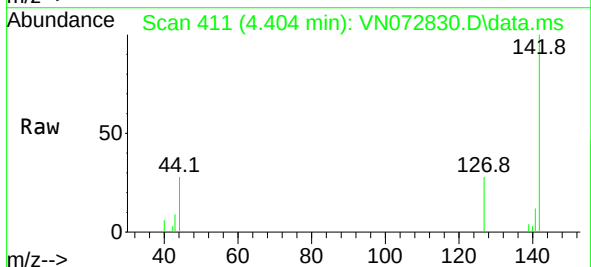
Manual Integrations
APPROVED

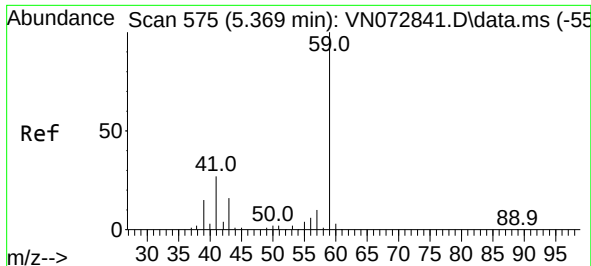
Reviewed By :John Carbone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#10
Methyl Iodide
Concen: 4.226 ug/l
RT: 4.404 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Tgt Ion:142 Resp: 13378
Ion Ratio Lower Upper
142 100
127 39.5 31.3 46.9
141 13.3 11.2 16.8





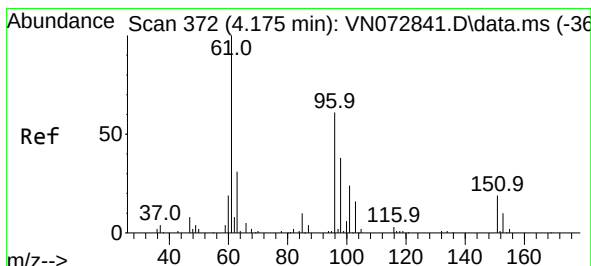
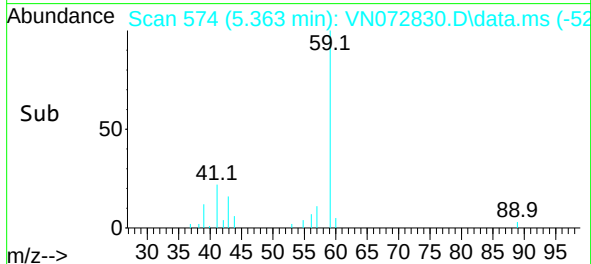
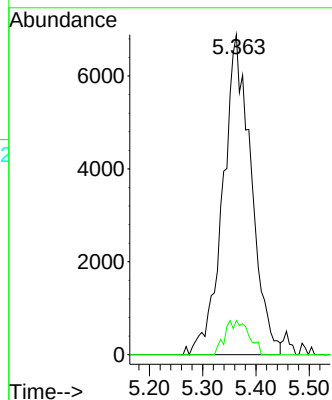
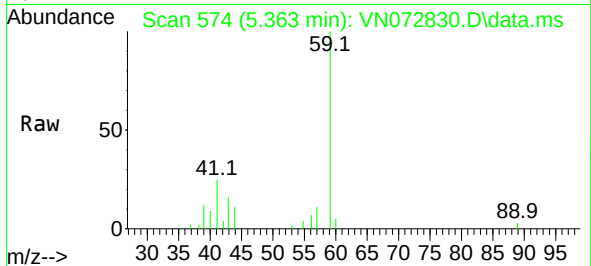
#11
Tert butyl alcohol
Concen: 3.239 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 25372
Ion Ratio Lower Upper
59 100
57 3.7 8.3 12.5

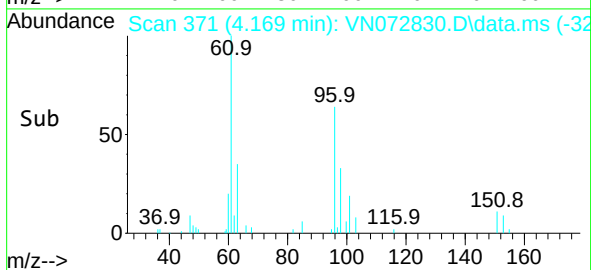
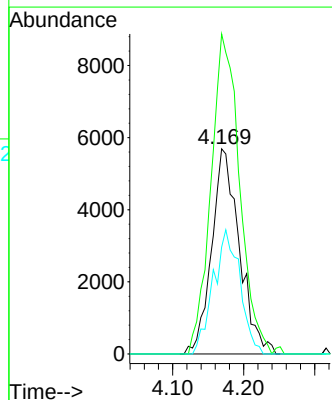
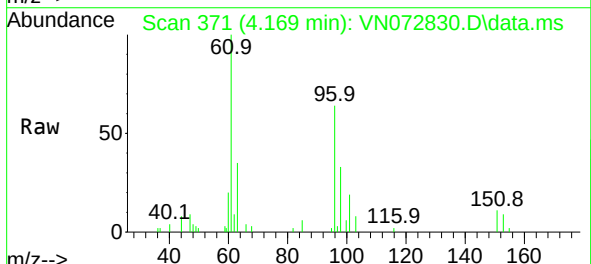
Manual Integrations
APPROVED

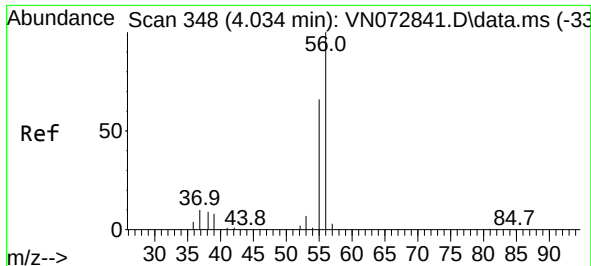
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#12
1,1-Dichloroethene
Concen: 3.805 ug/l
RT: 4.169 min Scan# 371
Delta R.T. -0.006 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Tgt Ion: 96 Resp: 15435
Ion Ratio Lower Upper
96 100
61 156.0 127.6 191.4
98 52.1 51.2 76.8





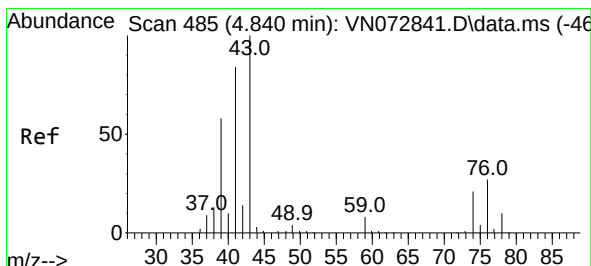
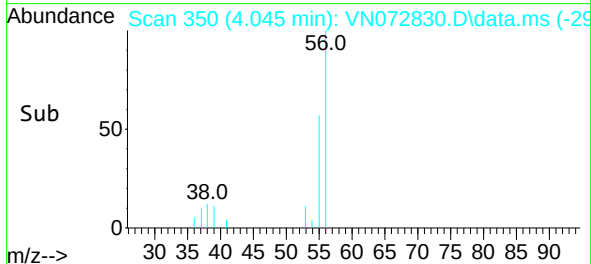
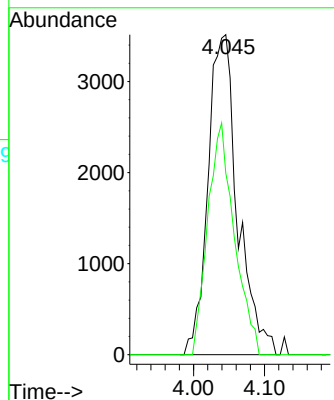
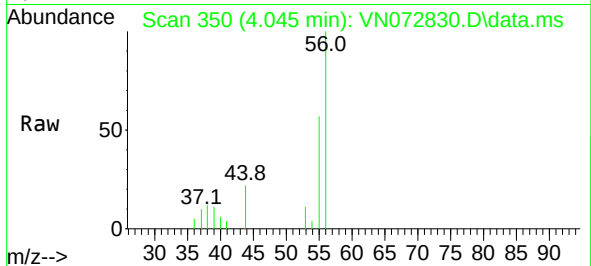
#13
Acrolein
Concen: 25.222 ug/l
RT: 4.045 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 10214
Ion Ratio Lower Upper
56 100
55 64.7 54.8 82.2

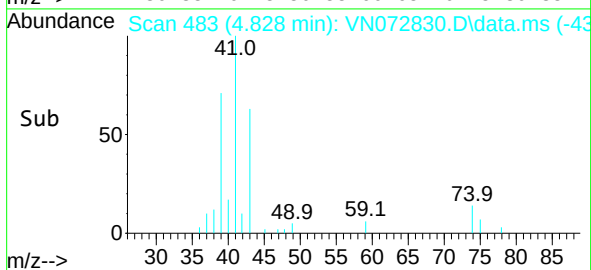
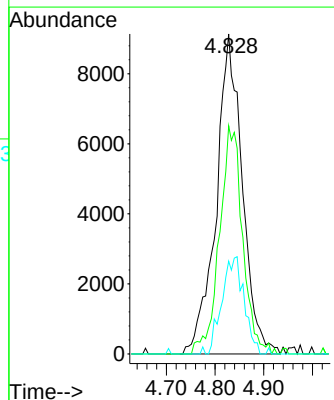
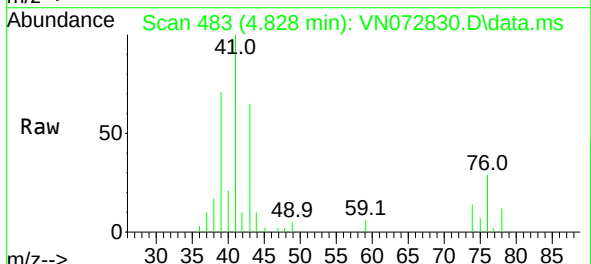
Manual Integrations
APPROVED

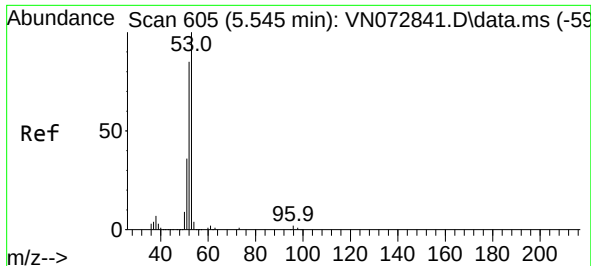
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#14
Allyl chloride
Concen: 3.605 ug/l
RT: 4.828 min Scan# 483
Delta R.T. -0.012 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

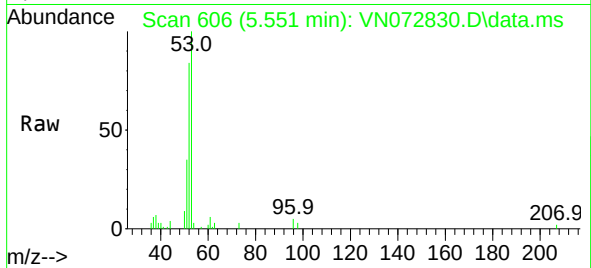
Tgt Ion: 41 Resp: 34048
Ion Ratio Lower Upper
41 100
39 63.2 53.2 79.8
76 25.6 29.9 44.9#





#15
Acrylonitrile
Concen: 18.065 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

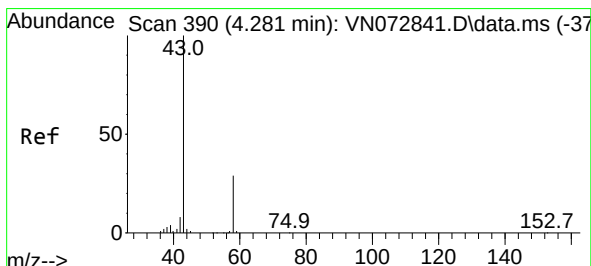
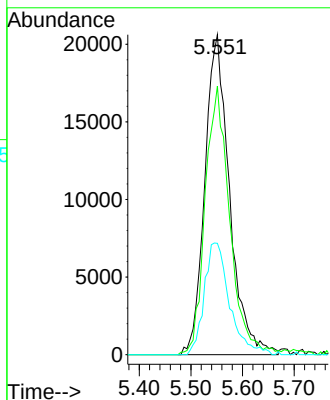
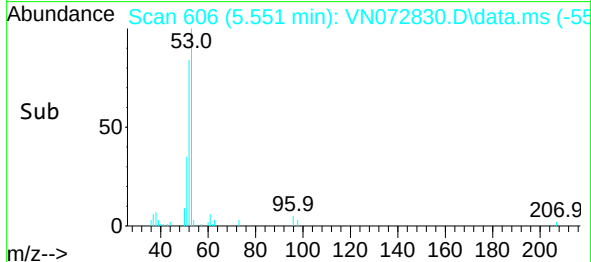
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 6858
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 35.7 28.5 42.7

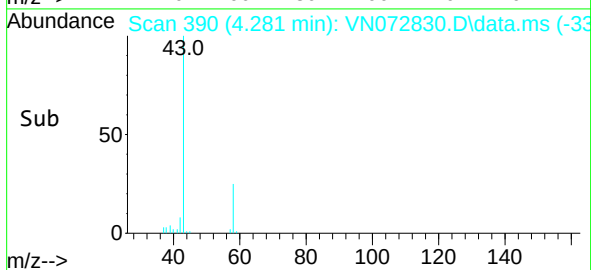
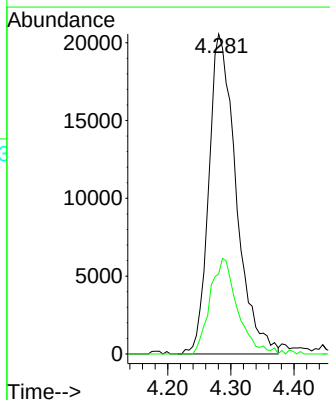
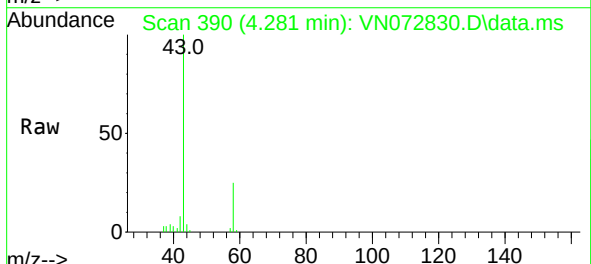
Manual Integrations
APPROVED

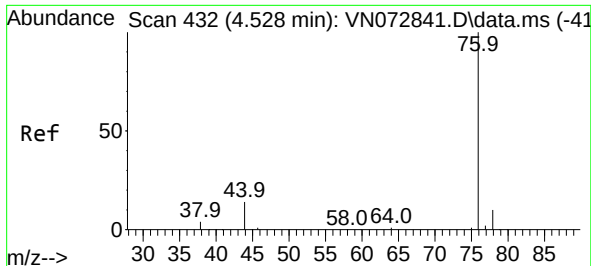
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#16
Acetone
Concen: 16.686 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Tgt Ion: 43 Resp: 61814
Ion Ratio Lower Upper
43 100
58 25.1 26.0 39.0#





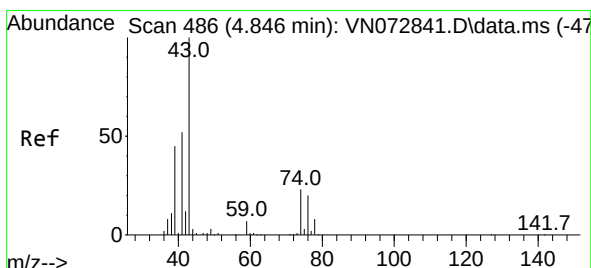
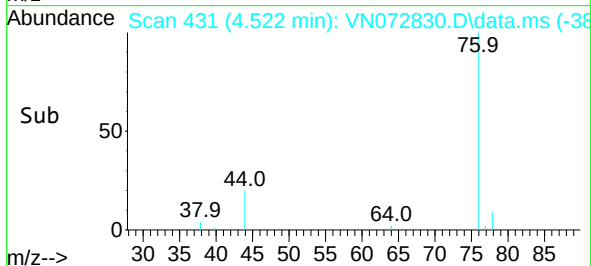
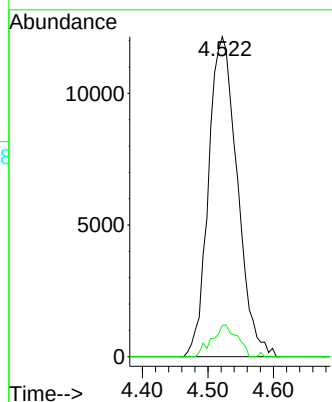
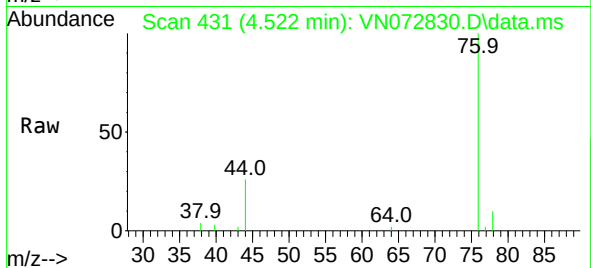
#17
Carbon Disulfide
Concen: 3.817 ug/l
RT: 4.522 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 37110
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

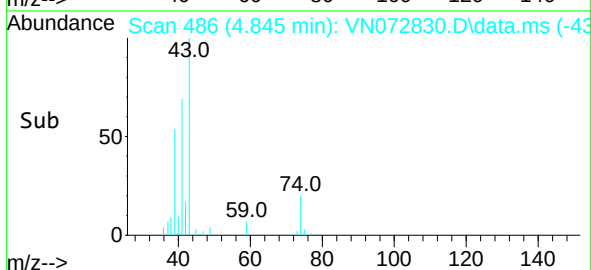
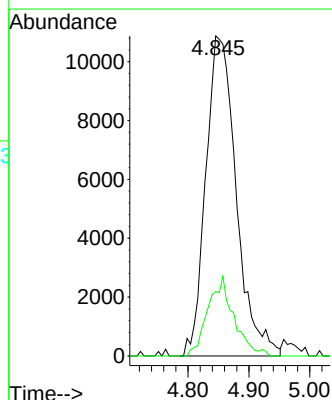
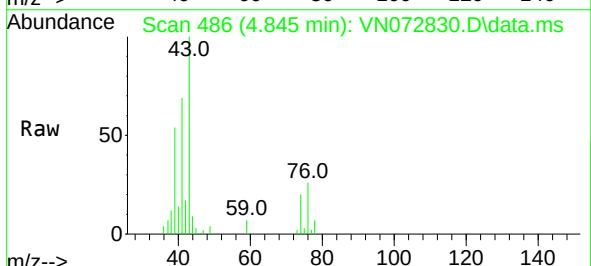
Manual Integrations
APPROVED

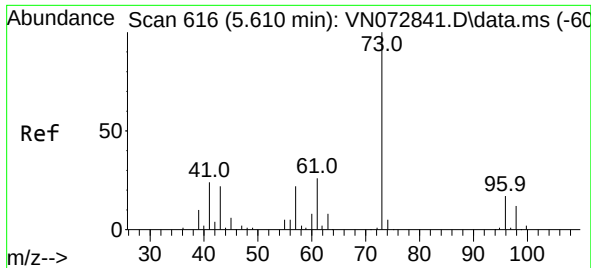
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#18
Methyl Acetate
Concen: 3.880 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Tgt Ion: 43 Resp: 37822
Ion Ratio Lower Upper
43 100
74 21.1 21.6 32.4#





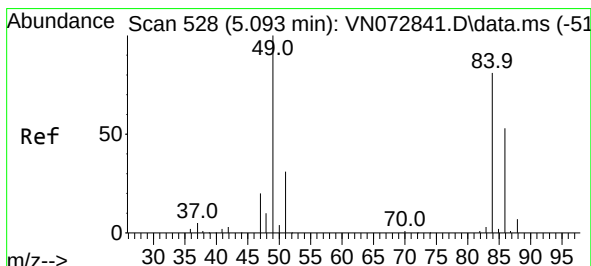
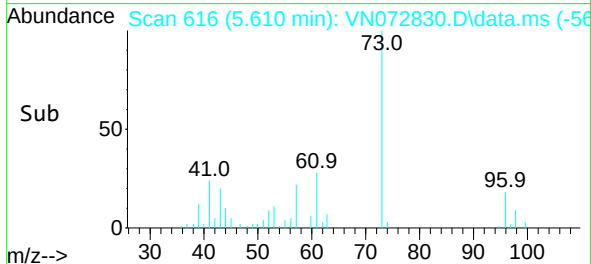
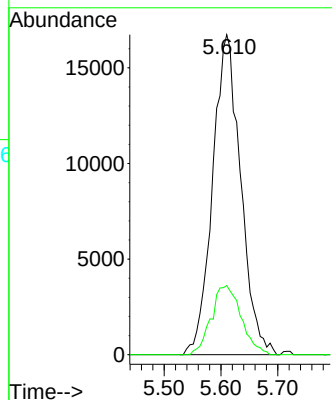
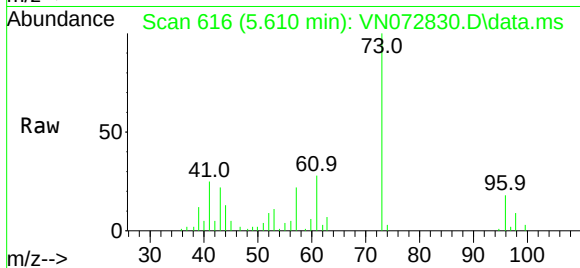
#19
Methyl tert-butyl Ether
Concen: 3.072 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 5749
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

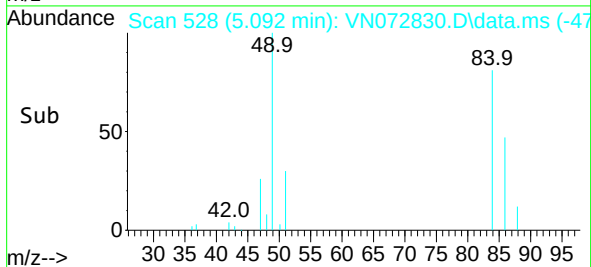
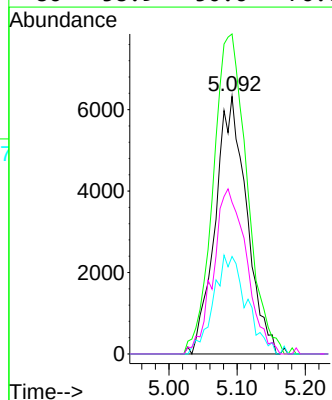
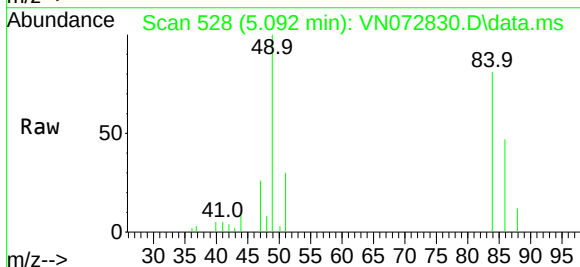
Manual Integrations
APPROVED

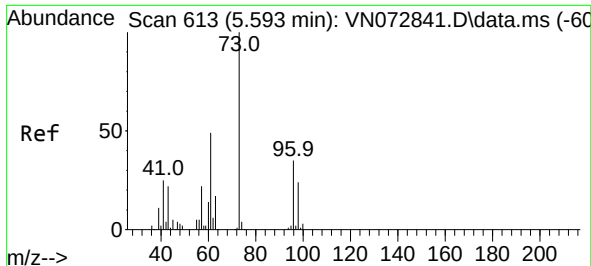
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#20
Methylene Chloride
Concen: 3.419 ug/l
RT: 5.092 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

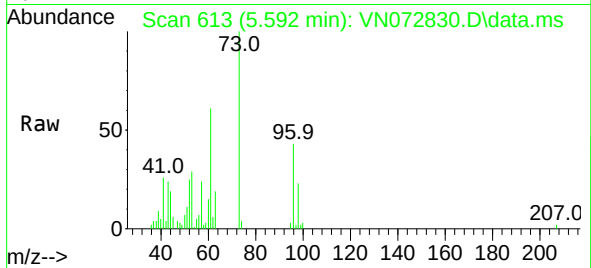
Tgt Ion: 84 Resp: 20215
Ion Ratio Lower Upper
84 100
49 124.2 88.3 132.5
51 37.8 28.2 42.2
86 58.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 3.709 ug/l
RT: 5.592 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

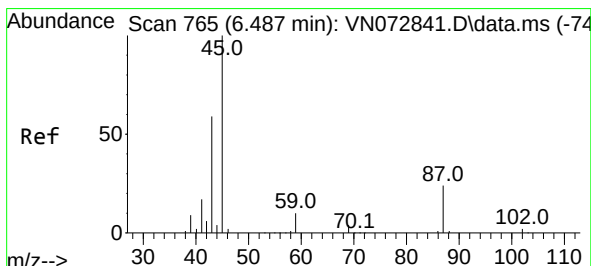
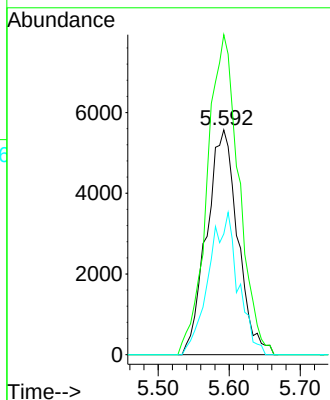
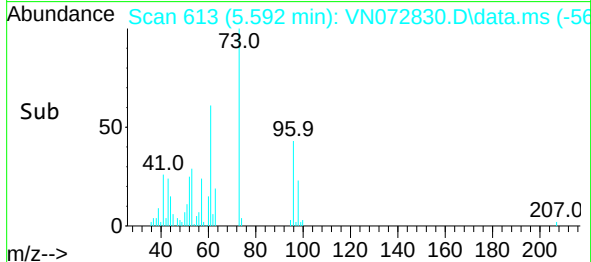
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



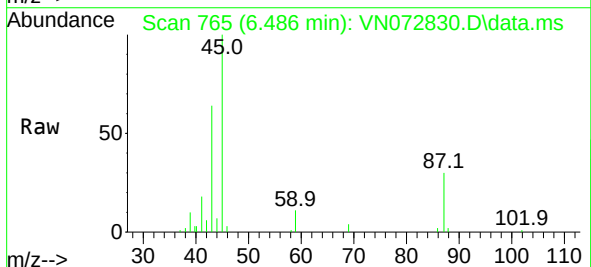
Tgt Ion: 96 Resp: 16938
Ion Ratio Lower Upper
96 100
61 142.4 105.8 158.8
98 53.7 50.3 75.5

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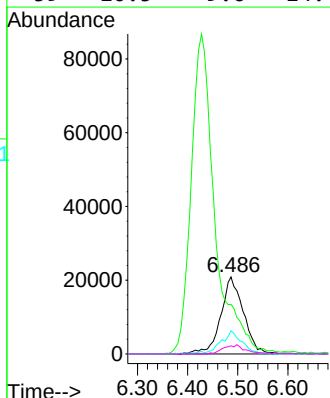
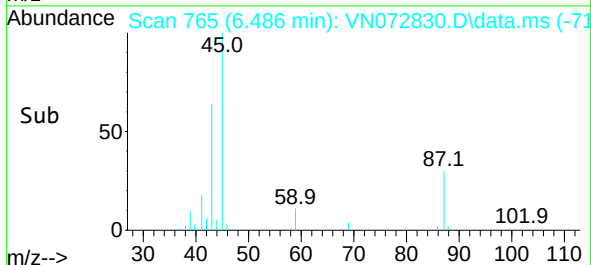
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

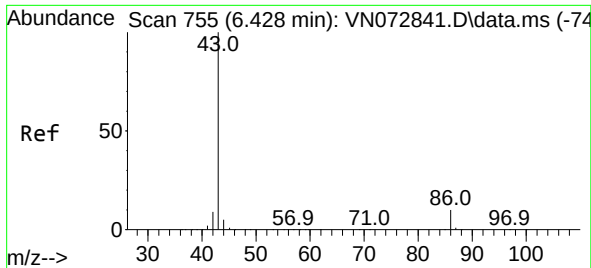


#22
Diisopropyl ether
Concen: 3.329 ug/l
RT: 6.486 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58



Tgt Ion: 45 Resp: 65434
Ion Ratio Lower Upper
45 100
43 61.6 46.6 70.0
87 30.1 24.3 36.5
59 10.5 9.6 14.4





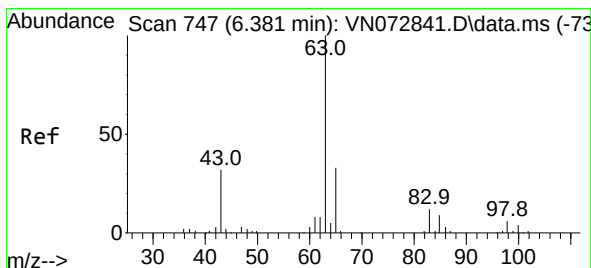
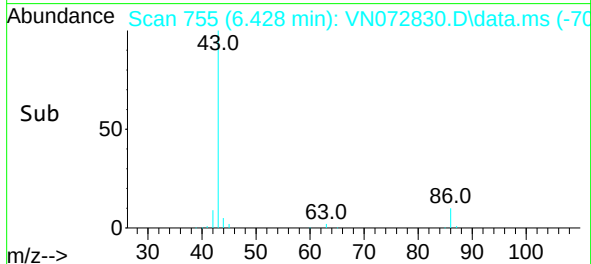
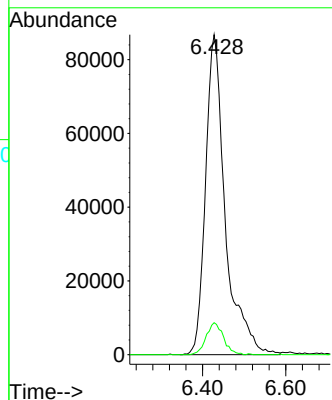
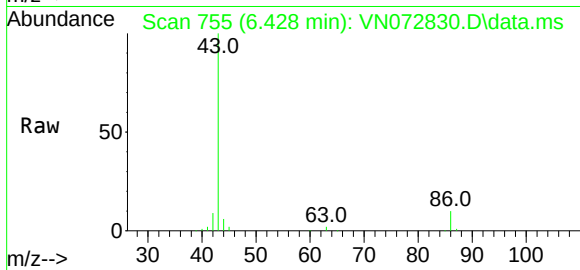
#23
 Vinyl Acetate
 Concen: 16.138 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN072830.D
 Acq: 14 Jun 2022 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 285830
 Ion Ratio Lower Upper
 43 100
 86 10.0 10.0 15.0

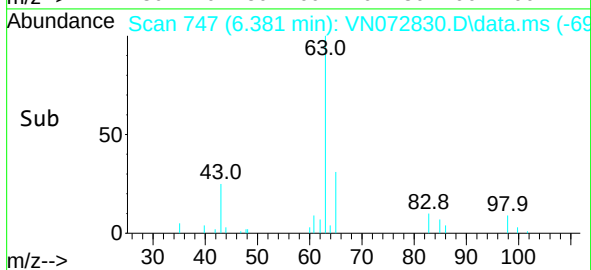
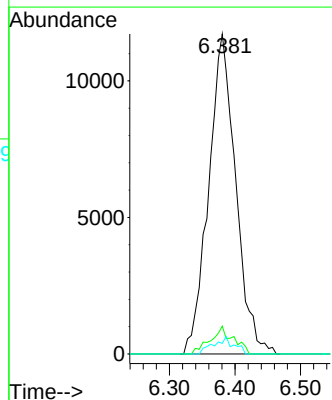
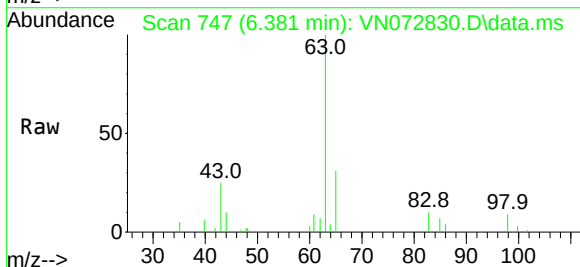
Manual Integrations
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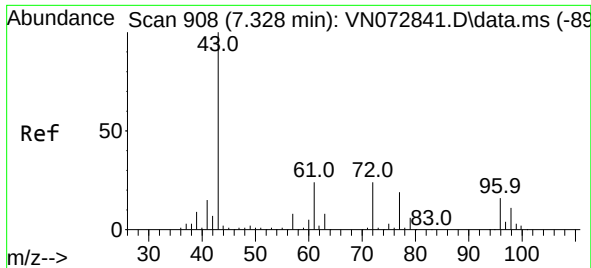
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022



#24
 1,1-Dichloroethane
 Concen: 3.274 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. 0.000 min
 Lab File: VN072830.D
 Acq: 14 Jun 2022 12:58

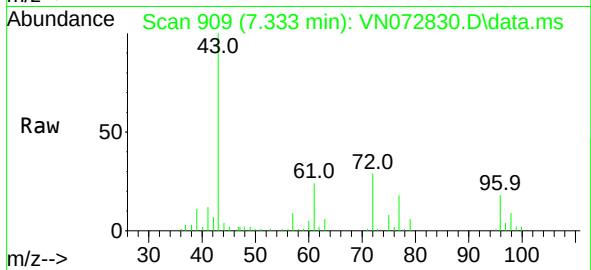
Tgt Ion: 63 Resp: 33594
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.5 10.4
 100 3.3 2.3 6.8





#25
2-Butanone
Concen: 16.971 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

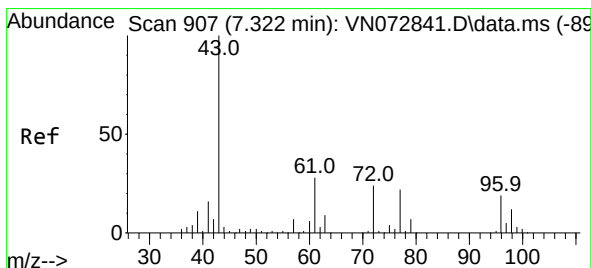
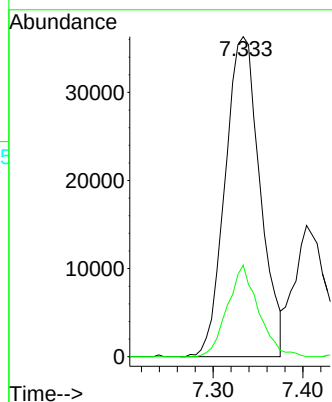
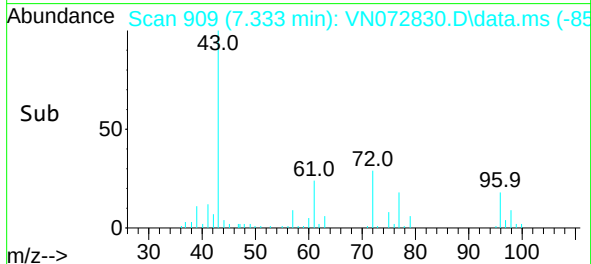
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



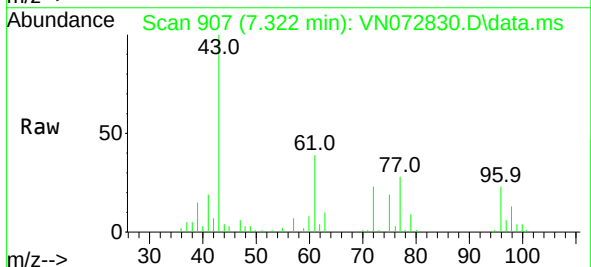
Tgt Ion: 43 Resp: 98348
Ion Ratio Lower Upper
43 100
72 28.6 23.7 35.5

Manual Integrations
APPROVED

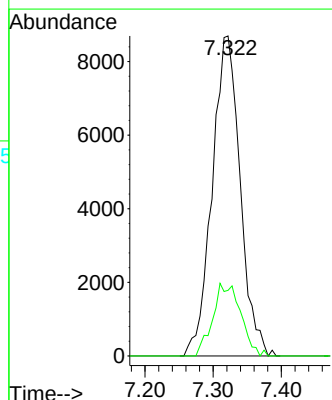
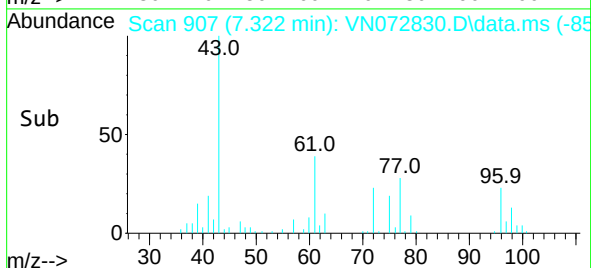
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

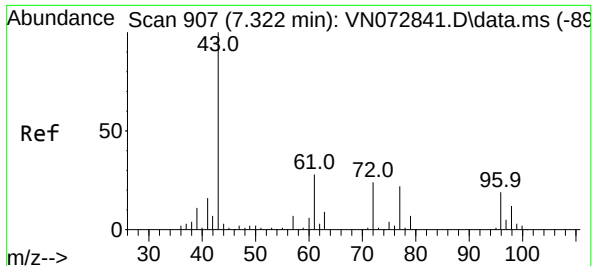


#26
2,2-Dichloropropane
Concen: 2.646 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58



Tgt Ion: 77 Resp: 24866
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 3.672 ug/l

RT: 7.328 min Scan# 907

Delta R.T. 0.006 min

Lab File: VN072830.D

Acq: 14 Jun 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

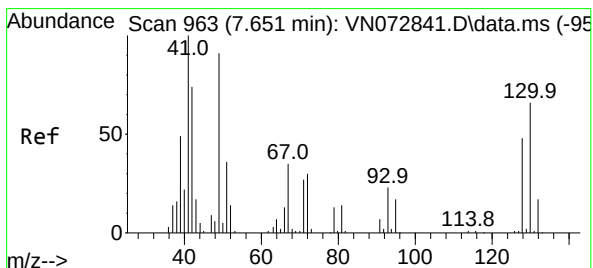
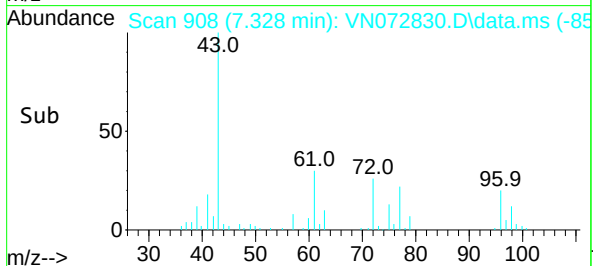
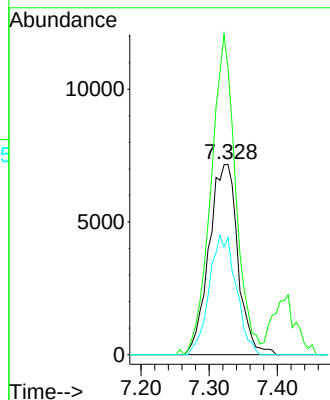
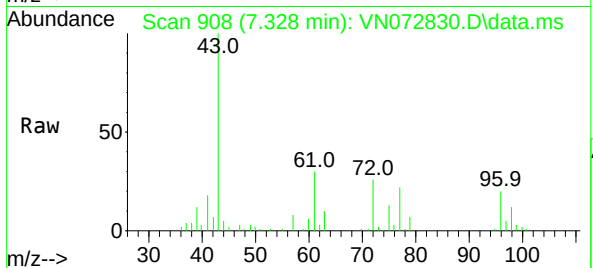
Tgt Ion: 96	Resp: 21090
Ion Ratio	Lower Upper
96 100	
61 144.8	0.0 280.6
98 58.8	0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#28

Bromochloromethane

Concen: 3.327 ug/l

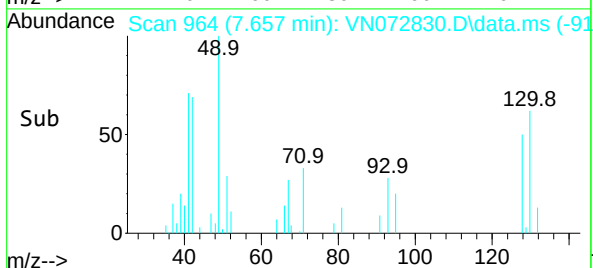
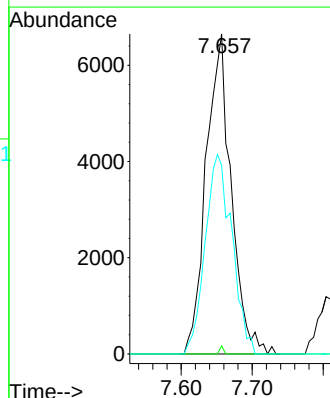
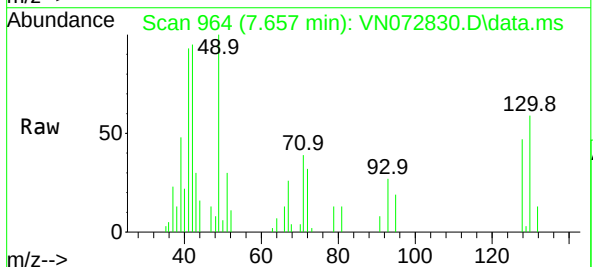
RT: 7.657 min Scan# 964

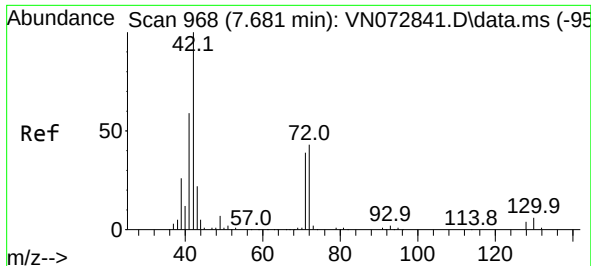
Delta R.T. 0.006 min

Lab File: VN072830.D

Acq: 14 Jun 2022 12:58

Tgt Ion: 49	Resp: 16312
Ion Ratio	Lower Upper
49 100	
129 0.4	0.0 4.6
130 66.5	69.7 104.5





#29

Tetrahydrofuran

Concen: 18.443 ug/l

RT: 7.686 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN072830.D

Acq: 14 Jun 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 6631

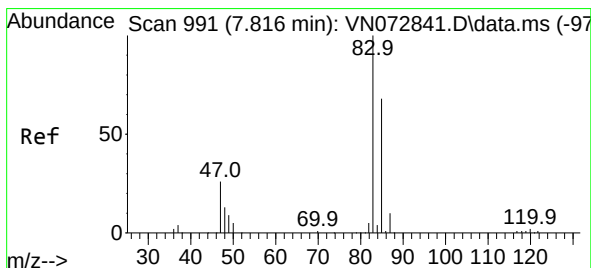
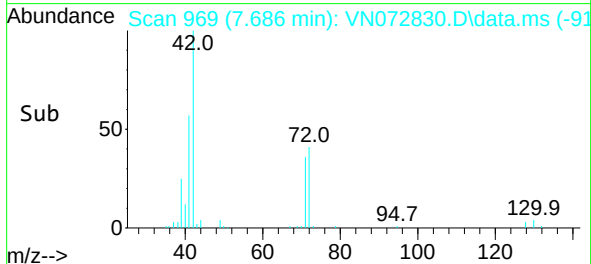
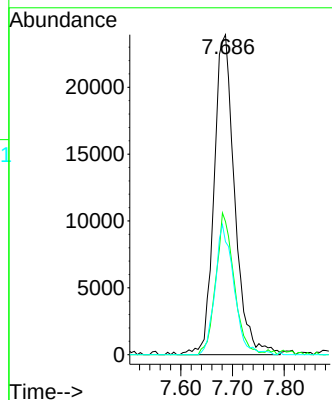
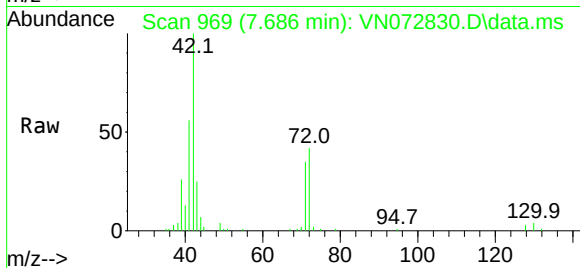
Ion	Ratio	Lower	Upper
42	100		
72	39.3	39.7	59.5
71	37.3	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#30

Chloroform

Concen: 3.218 ug/l

RT: 7.810 min Scan# 990

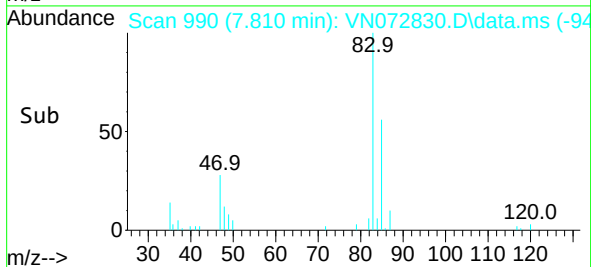
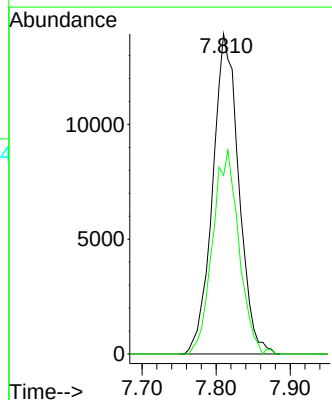
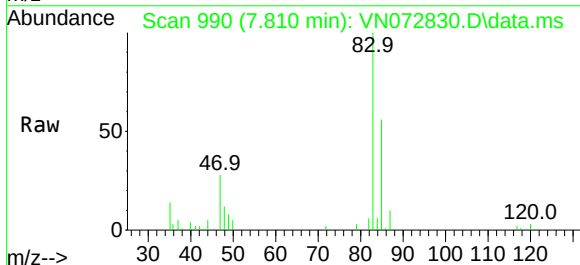
Delta R.T. -0.006 min

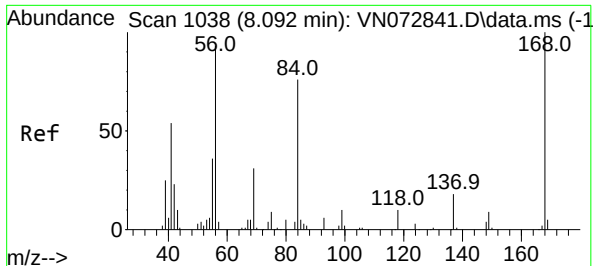
Lab File: VN072830.D

Acq: 14 Jun 2022 12:58

Tgt Ion: 83 Resp: 34125

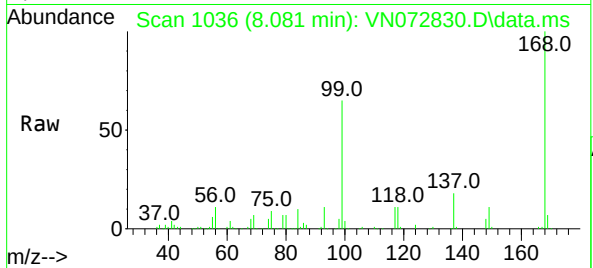
Ion	Ratio	Lower	Upper
83	100		
85	55.8	51.8	77.8





#31
Cyclohexane
Concen: 4.530 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

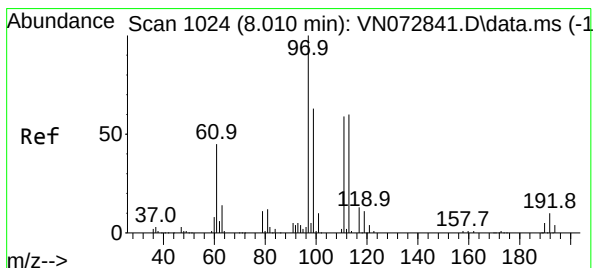
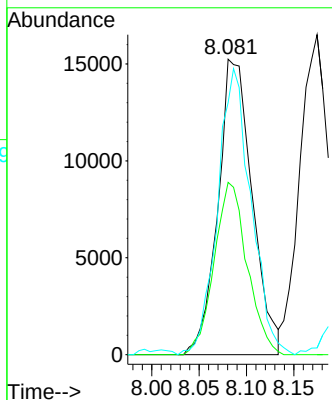
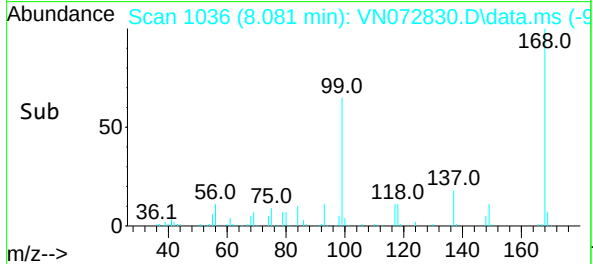
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



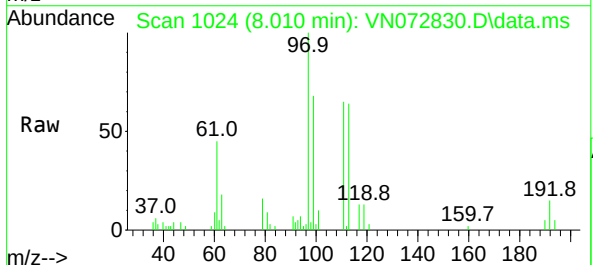
Tgt Ion: 56 Resp: 3838
Ion Ratio Lower Upper
56 100
69 58.3 27.8 41.8
84 85.3 76.9 115.3

Manual Integrations
APPROVED

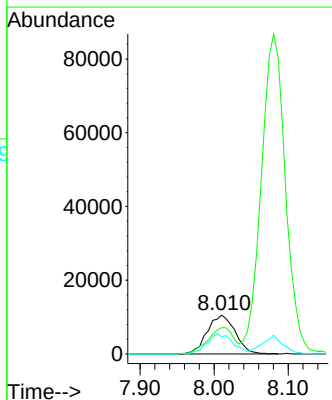
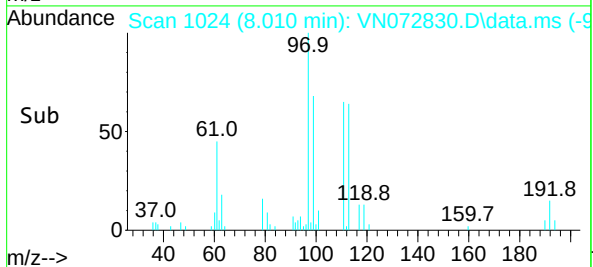
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

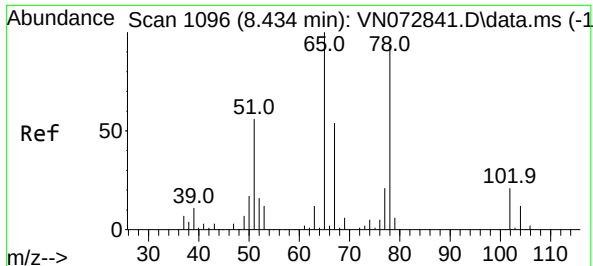


#32
1,1,1-Trichloroethane
Concen: 2.952 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58



Tgt Ion: 97 Resp: 27553
Ion Ratio Lower Upper
97 100
99 63.2 50.6 76.0
61 47.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 3.198 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.006 min

Lab File: VN072830.D

Acq: 14 Jun 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 2536

Ion Ratio Lower Upper

65 100

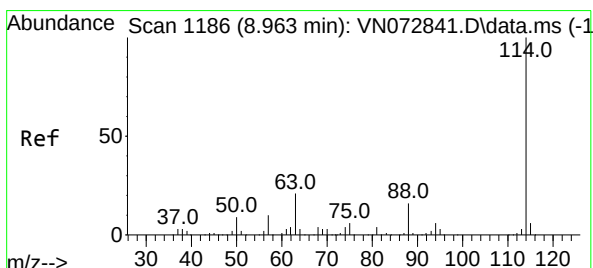
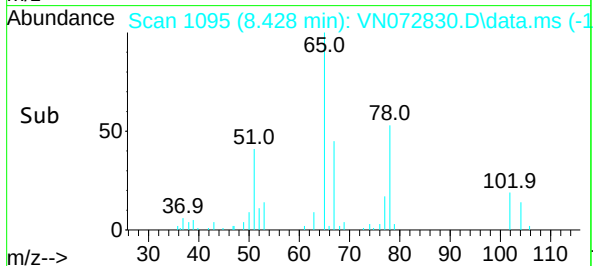
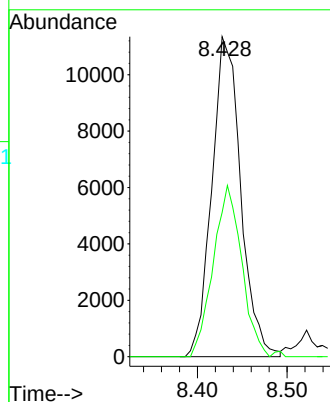
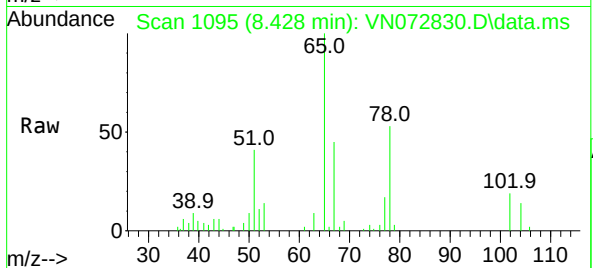
67 52.6 0.0 104.8

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: VN072830.D

Acq: 14 Jun 2022 12:58

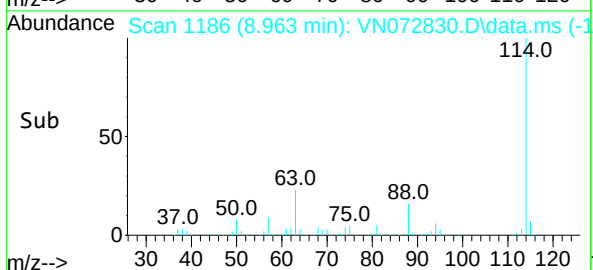
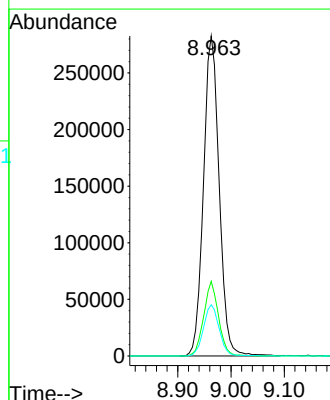
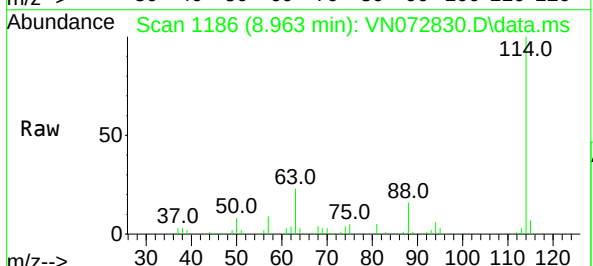
Tgt Ion:114 Resp: 578671

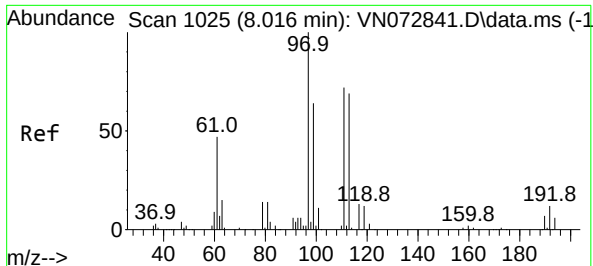
Ion Ratio Lower Upper

114 100

63 23.3 0.0 40.0

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 3.520 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN072830.D

Acq: 14 Jun 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

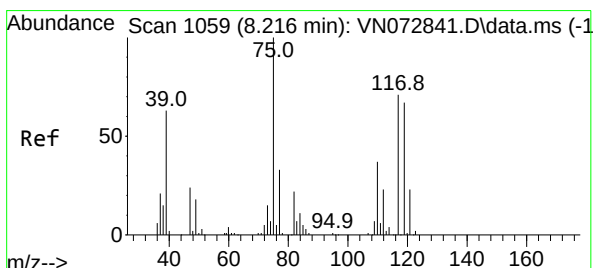
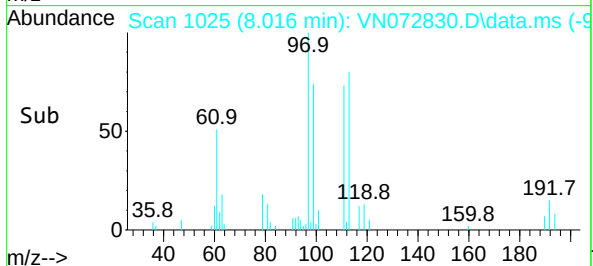
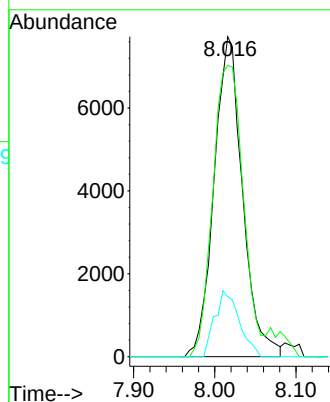
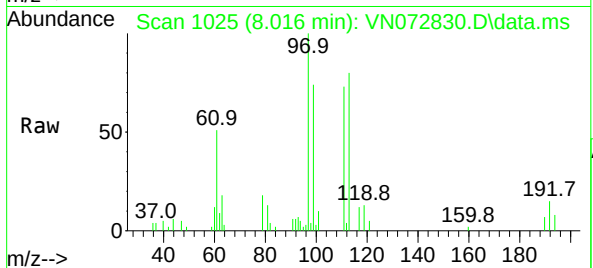
Tgt Ion:	113	Resp:	1878
Ion Ratio	Lower	Upper	
113	100		
111	97.9	81.4	122.0
192	17.7	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#36

1,1-Dichloropropene

Concen: 3.060 ug/l

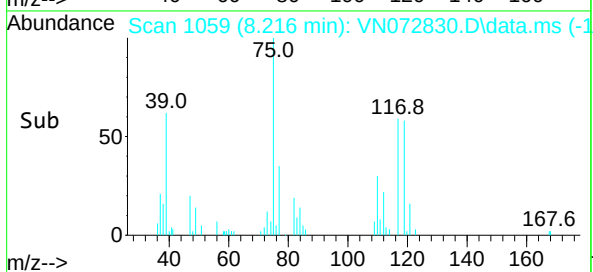
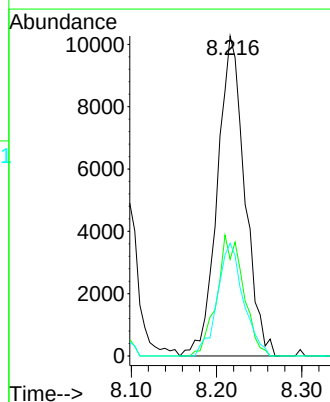
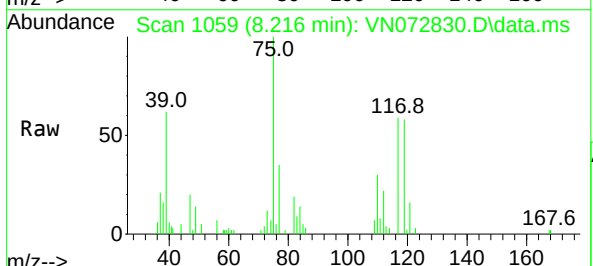
RT: 8.216 min Scan# 1059

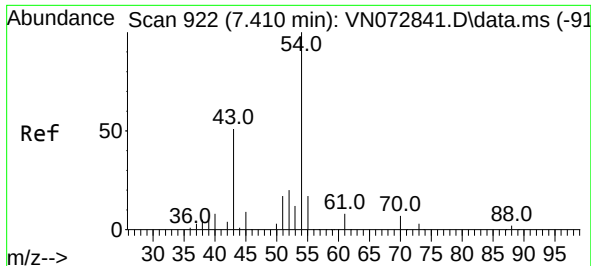
Delta R.T. 0.000 min

Lab File: VN072830.D

Acq: 14 Jun 2022 12:58

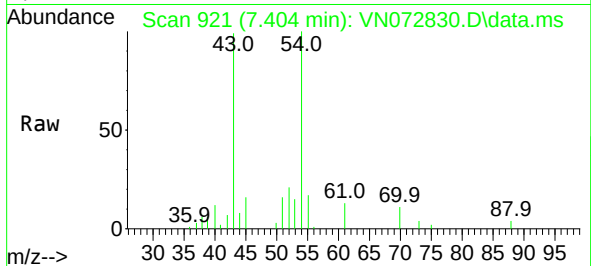
Tgt Ion:	75	Resp:	22954
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.3	54.8
77	33.4	25.1	37.7





#37
Ethyl Acetate
Concen: 3.223 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

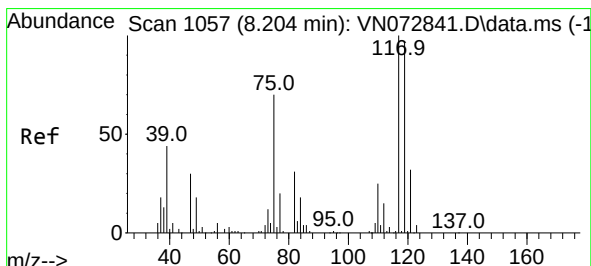
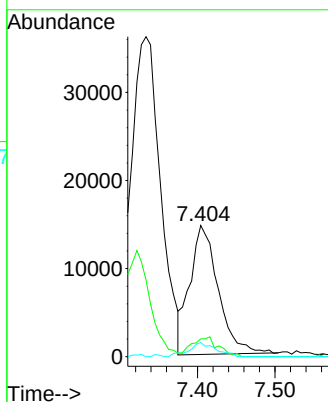
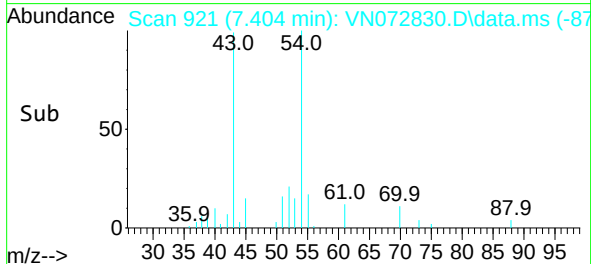
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 37204
Ion Ratio Lower Upper
43 100
61 14.4 11.8 17.6
70 10.3 9.3 13.9

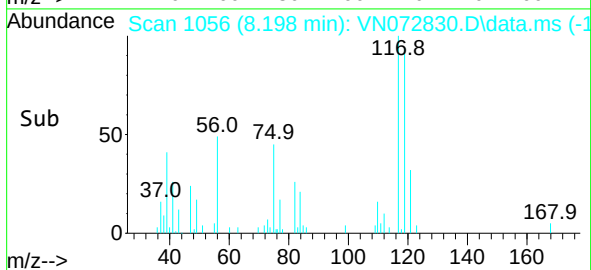
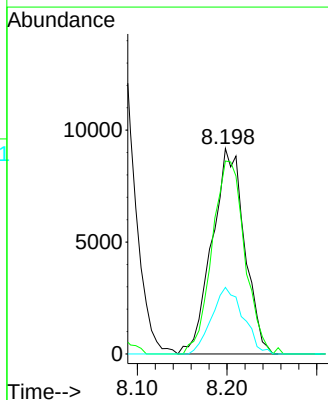
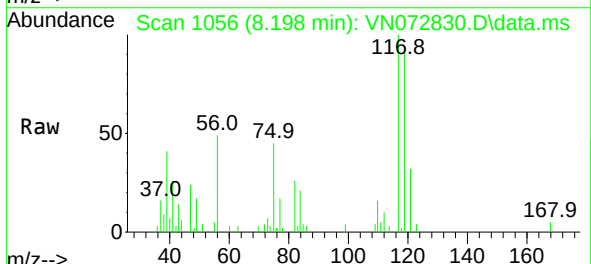
Manual Integrations
APPROVED

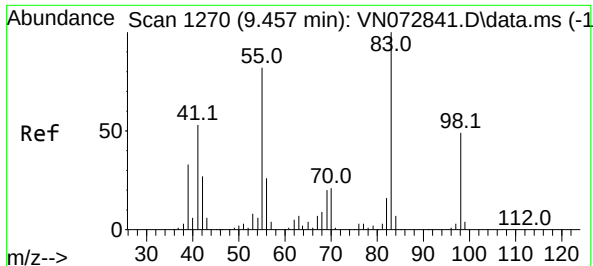
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#38
Carbon Tetrachloride
Concen: 2.956 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Tgt Ion:117 Resp: 23116
Ion Ratio Lower Upper
117 100
119 93.9 75.8 113.8
121 32.4 24.6 37.0





#39

Methylcyclohexane

Concen: 3.298 ug/l

RT: 9.451 min Scan# 1100

Delta R.T. -0.006 min

Lab File: VN072830.D

Acq: 14 Jun 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

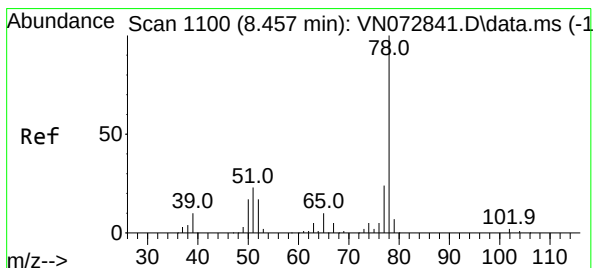
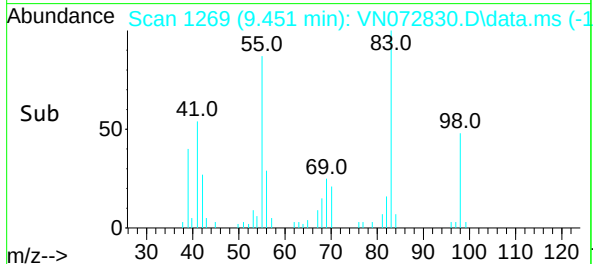
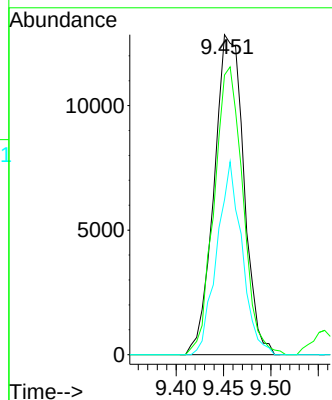
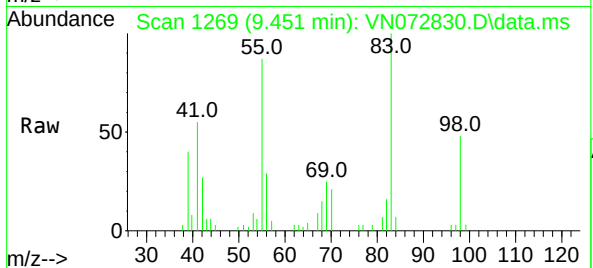
Tgt Ion: 83	Resp: 2805
Ion Ratio	Lower Upper
83 100	
55 87.4	57.8 86.8
98 48.4	39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#40

Benzene

Concen: 3.490 ug/l

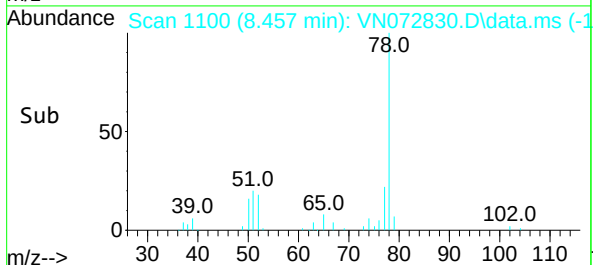
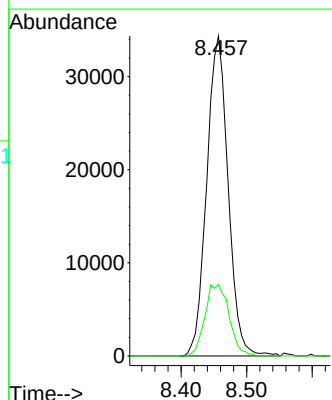
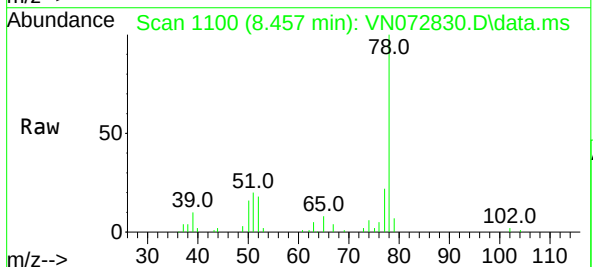
RT: 8.457 min Scan# 1100

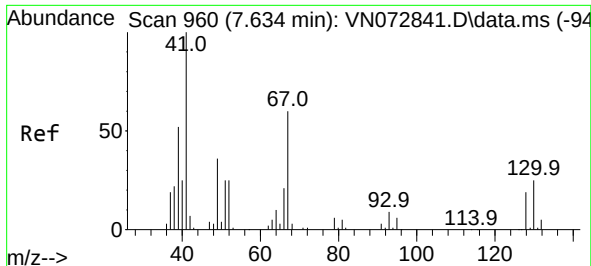
Delta R.T. 0.000 min

Lab File: VN072830.D

Acq: 14 Jun 2022 12:58

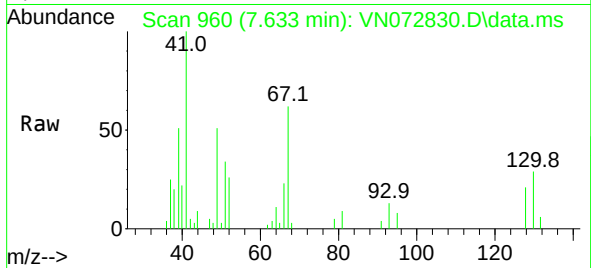
Tgt Ion: 78	Resp: 77953
Ion Ratio	Lower Upper
78 100	
77 22.4	19.4 29.0





#41
Methacrylonitrile
Concen: 3.408 ug/l
RT: 7.633 min Scan# 960
Delta R.T. 0.006 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

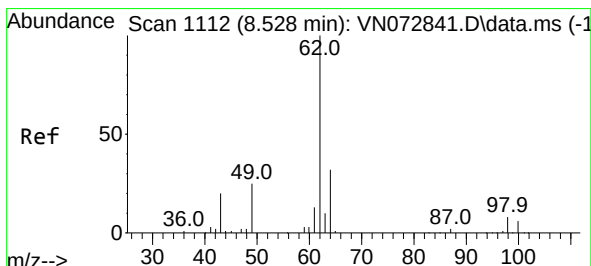
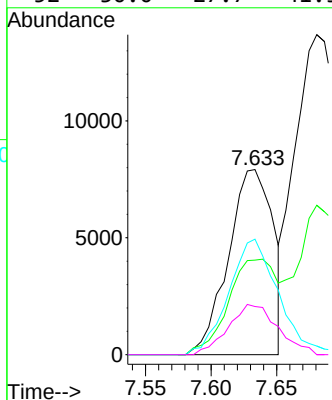
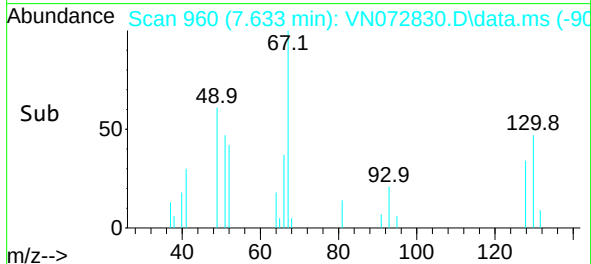
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



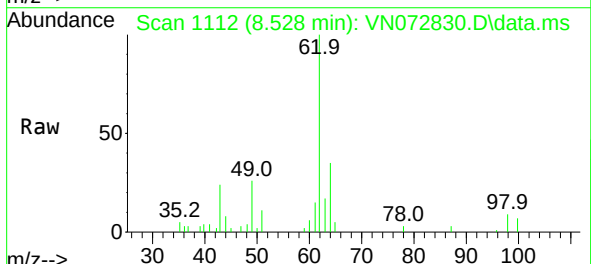
Tgt Ion: 41 Resp: 1878
Ion Ratio Lower Upper
41 100
39 55.1 48.6 73.0
67 69.1 73.4 110.2
52 30.0 27.7 41.5

Manual Integrations
APPROVED

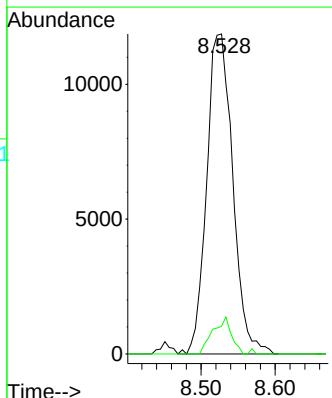
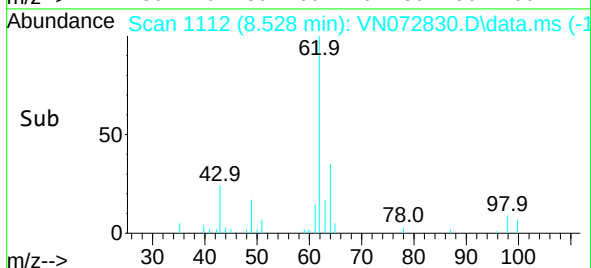
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

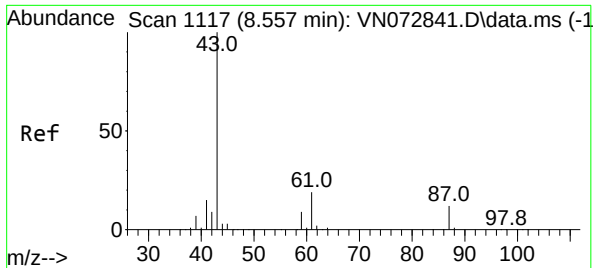


#42
1,2-Dichloroethane
Concen: 3.048 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58



Tgt Ion: 62 Resp: 29010
Ion Ratio Lower Upper
62 100
98 8.2 0.0 19.4





#43

Isopropyl Acetate

Concen: 3.386 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN072830.D

Acq: 14 Jun 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

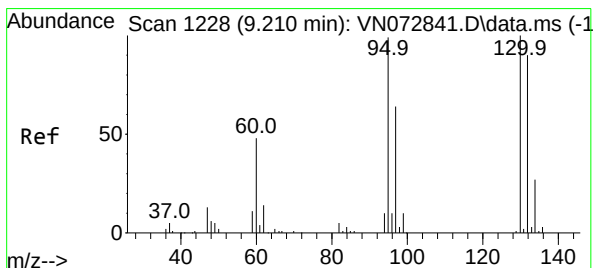
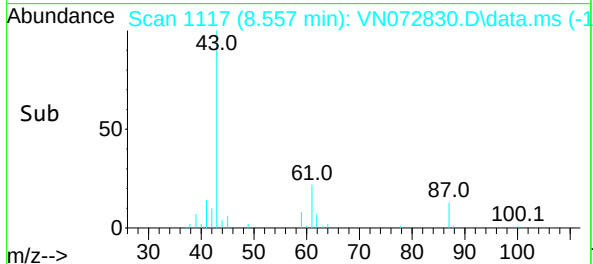
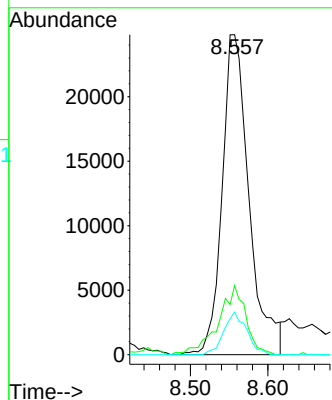
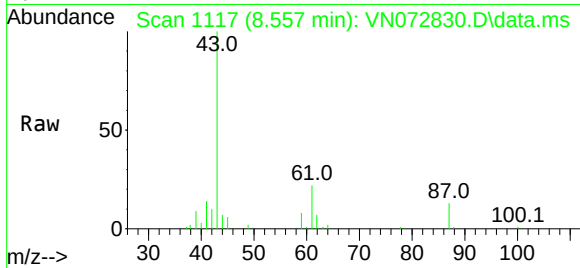
Tgt Ion: 43	Resp: 60110
Ion Ratio	Lower Upper
43	100
61	22.3 21.9 32.9
87	11.3 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#44

Trichloroethene

Concen: 3.589 ug/l

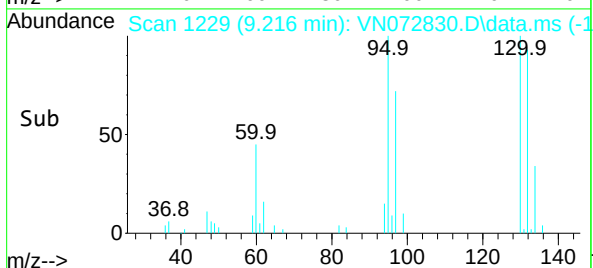
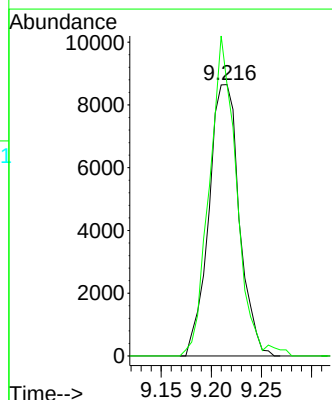
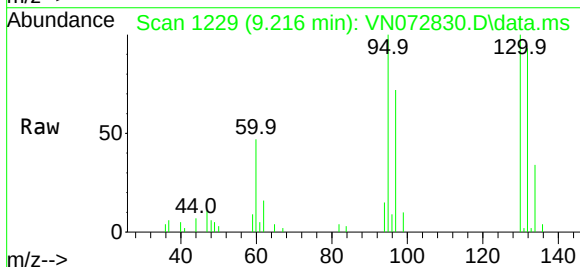
RT: 9.216 min Scan# 1229

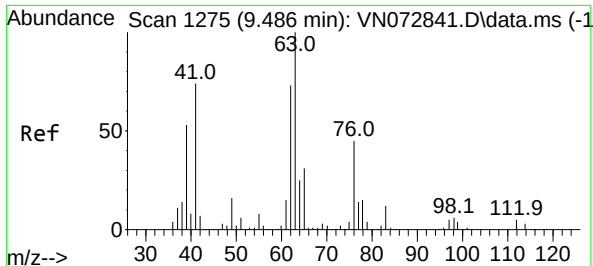
Delta R.T. 0.000 min

Lab File: VN072830.D

Acq: 14 Jun 2022 12:58

Tgt Ion:130	Resp: 18298
Ion Ratio	Lower Upper
130	100
95	99.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 3.170 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072830.D

Acq: 14 Jun 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1988

Ion Ratio Lower Upper

63 100

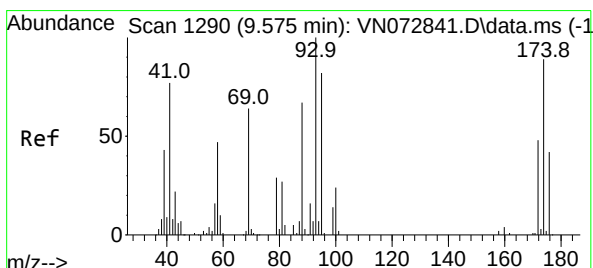
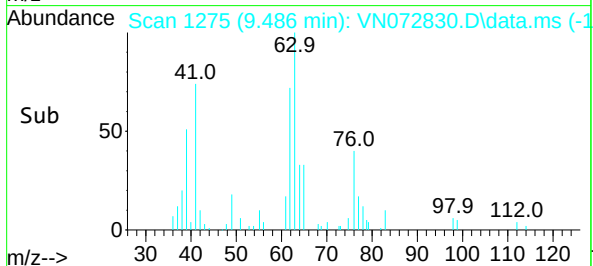
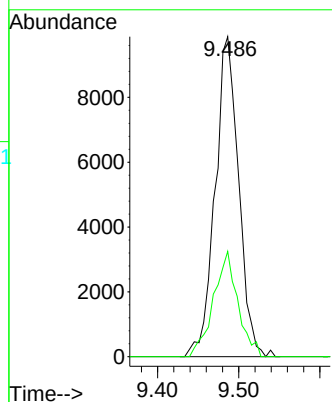
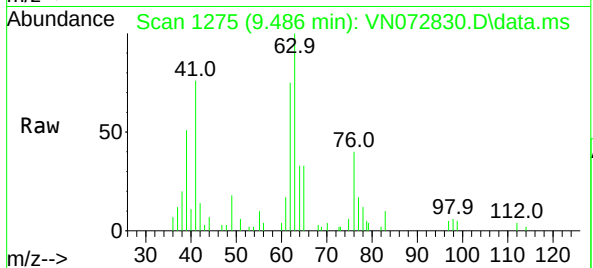
65 32.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#46

Dibromomethane

Concen: 3.373 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072830.D

Acq: 14 Jun 2022 12:58

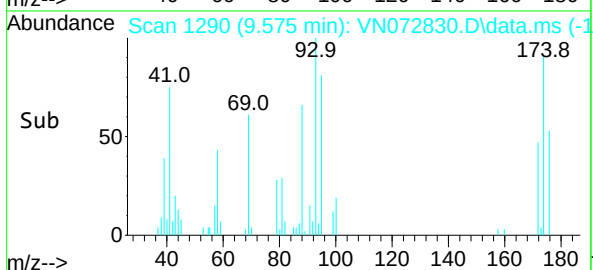
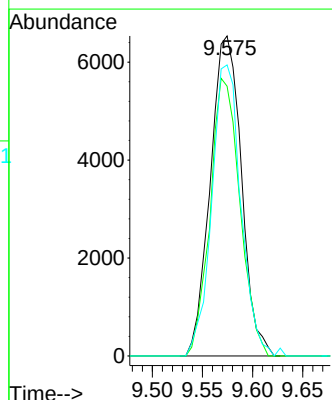
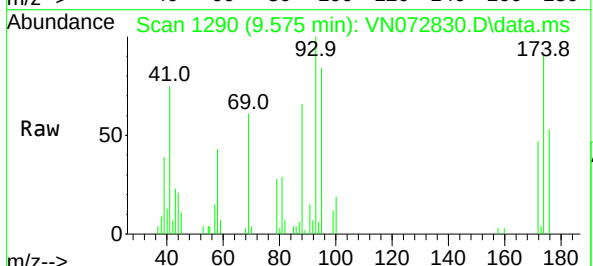
Tgt Ion: 93 Resp: 14086

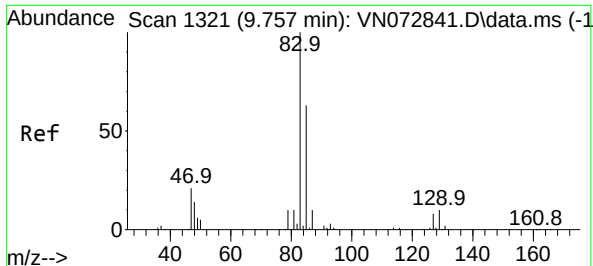
Ion Ratio Lower Upper

93 100

95 83.1 66.9 100.3

174 85.5 86.6 130.0#





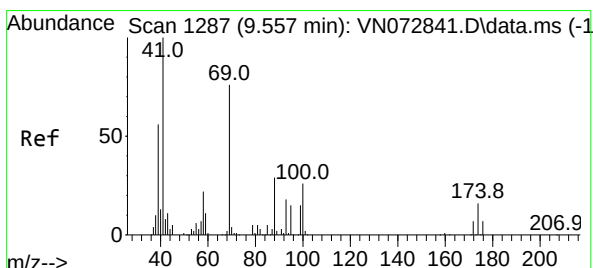
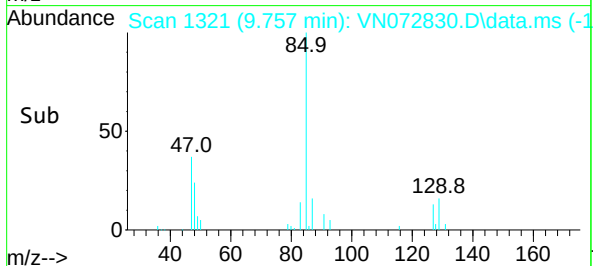
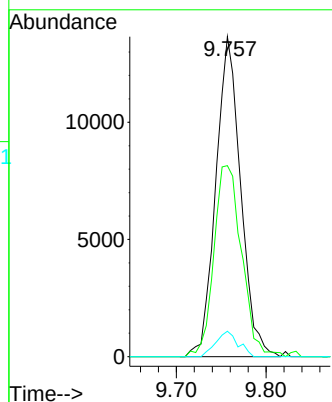
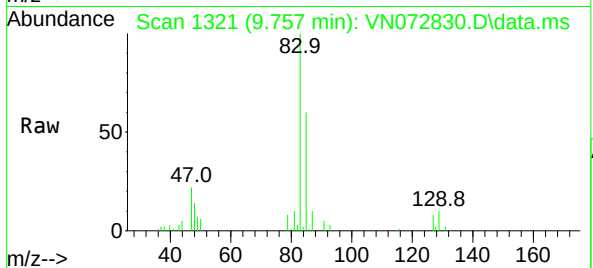
#47
Bromodichloromethane
Concen: 3.032 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 26259
Ion Ratio Lower Upper
83 100
85 59.7 50.5 75.7
127 8.0 6.8 10.2

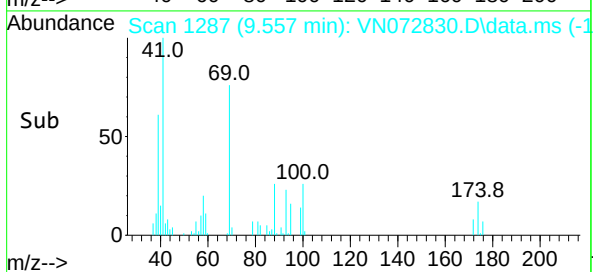
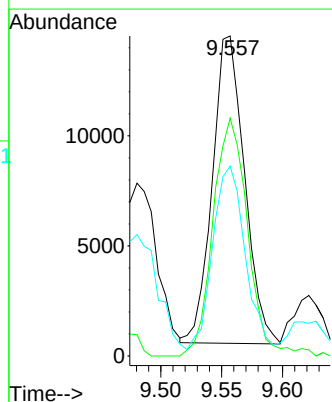
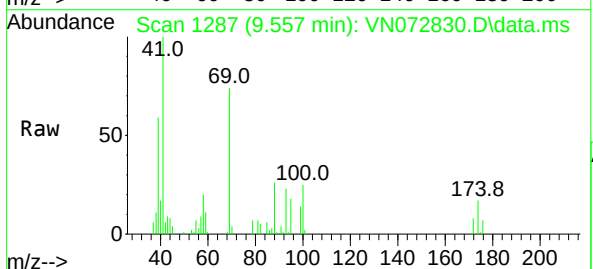
Manual Integrations
APPROVED

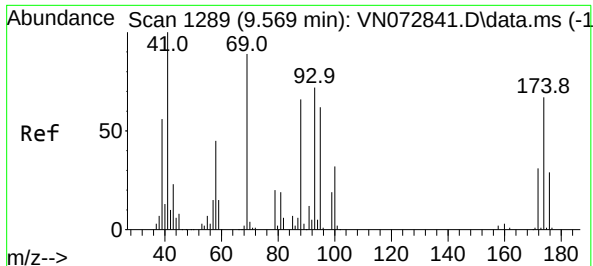
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#48
Methyl methacrylate
Concen: 3.099 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Tgt Ion: 41 Resp: 25686
Ion Ratio Lower Upper
41 100
69 83.4 74.7 112.1
39 64.4 45.6 68.4





#49

1,4-Dioxane

Concen: 68.900 ug/l

RT: 9.575 min Scan# 1289

Delta R.T. 0.012 min

Lab File: VN072830.D

Acq: 14 Jun 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 9692

Ion Ratio Lower Upper

88 100

43 39.6 20.2 30.4

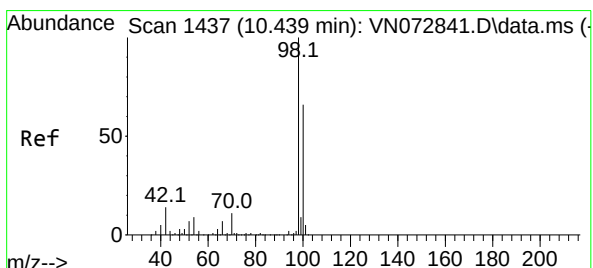
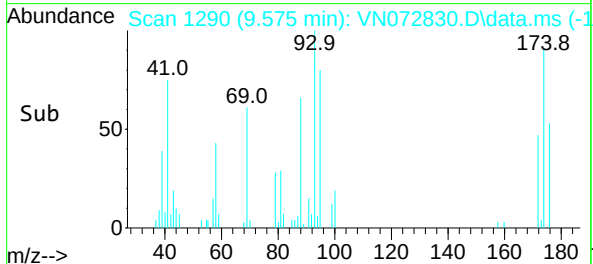
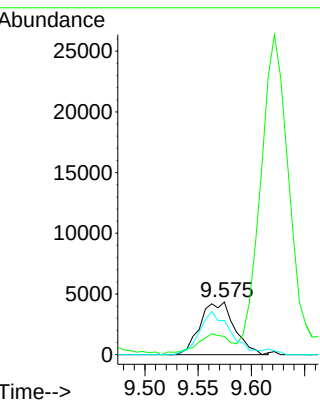
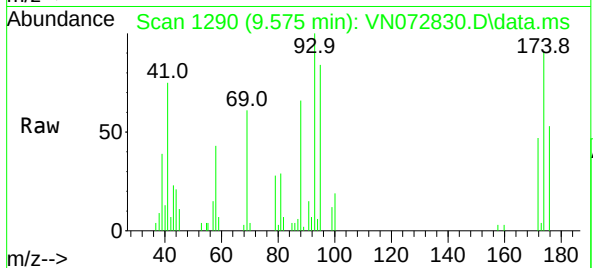
58 74.9 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#50

Toluene-d8

Concen: 3.435 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072830.D

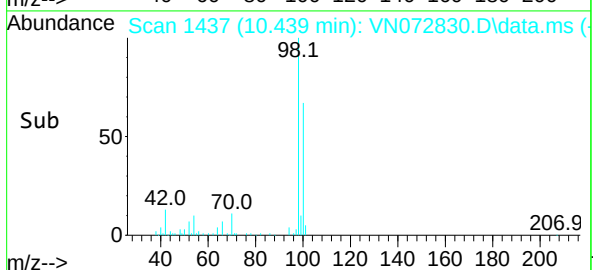
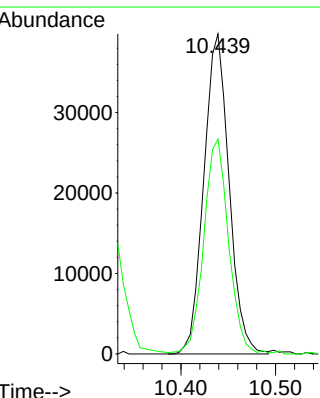
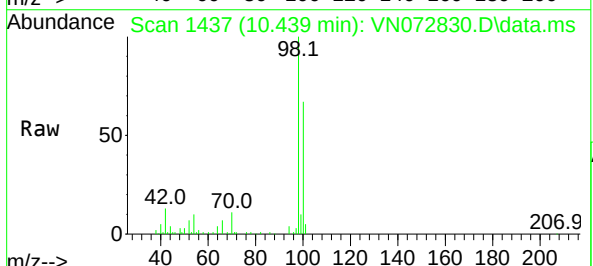
Acq: 14 Jun 2022 12:58

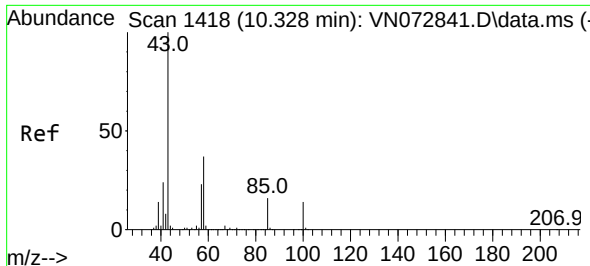
Tgt Ion: 98 Resp: 73611

Ion Ratio Lower Upper

98 100

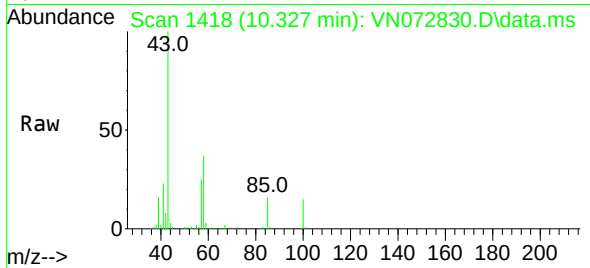
100 66.4 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 16.253 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

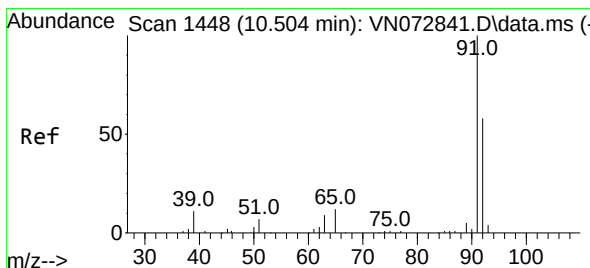
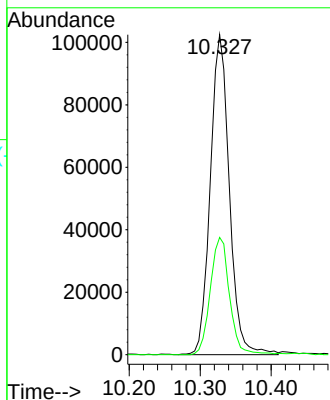
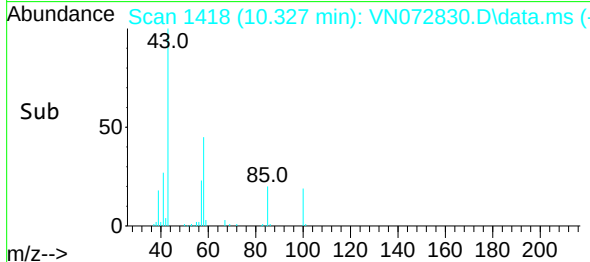
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



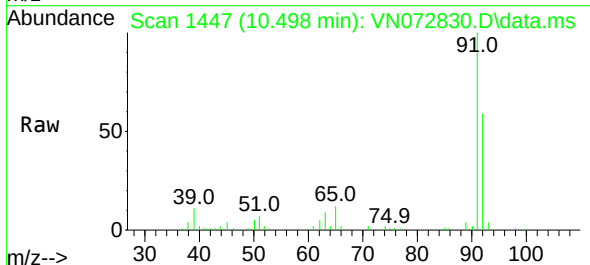
Tgt Ion: 43 Resp: 190768
Ion Ratio Lower Upper
43 100
58 37.1 34.1 51.1

Manual Integrations
APPROVED

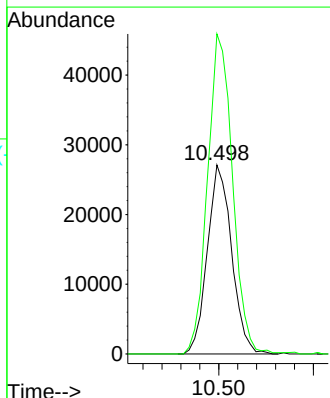
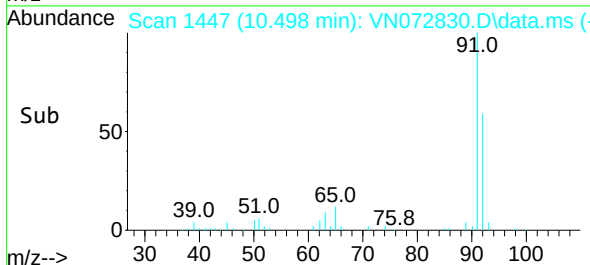
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

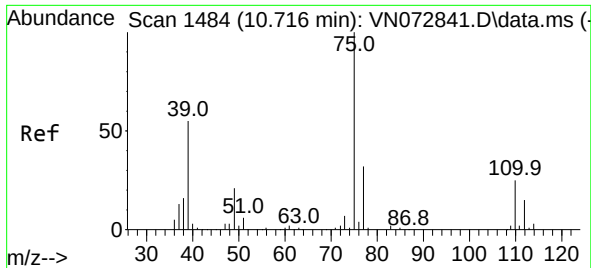


#52
Toluene
Concen: 3.419 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58



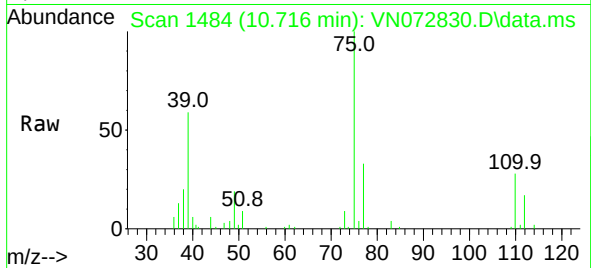
Tgt Ion: 92 Resp: 48410
Ion Ratio Lower Upper
92 100
91 173.8 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 2.765 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

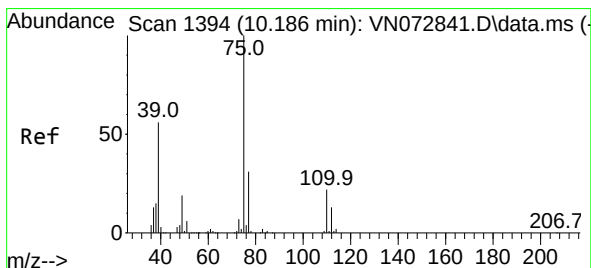
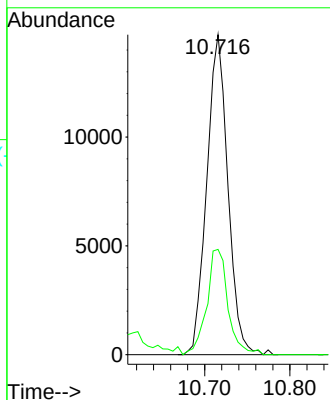
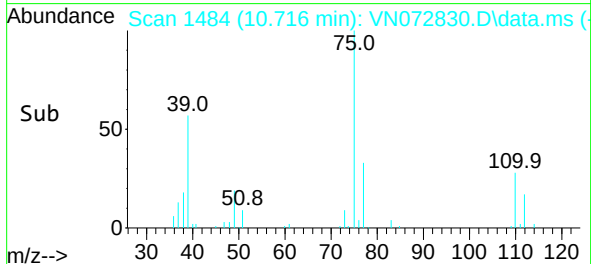
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 25374
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4

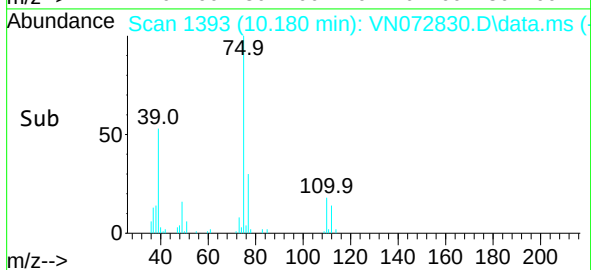
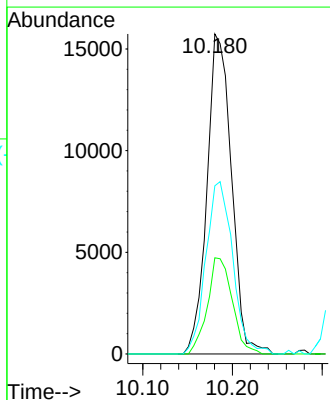
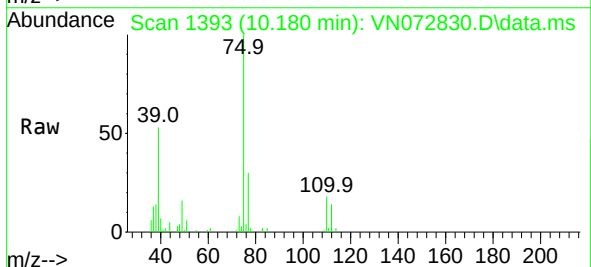
Manual Integrations
APPROVED

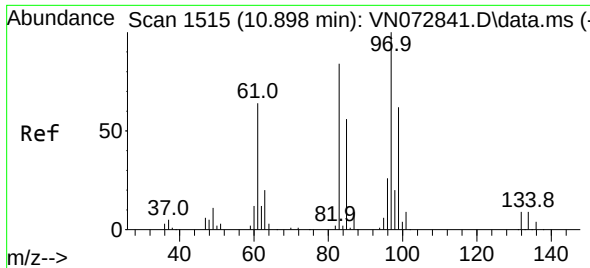
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#54
cis-1,3-Dichloropropene
Concen: 3.050 ug/l
RT: 10.180 min Scan# 1393
Delta R.T. -0.006 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

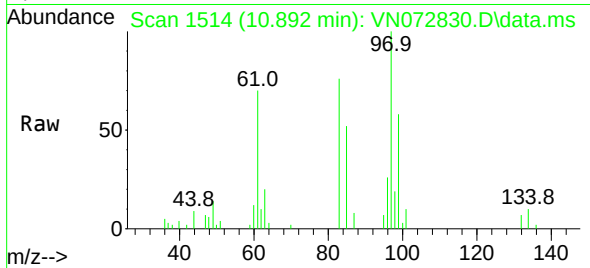
Tgt Ion: 75 Resp: 29858
Ion Ratio Lower Upper
75 100
77 30.0 25.2 37.8
39 52.5 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 3.469 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

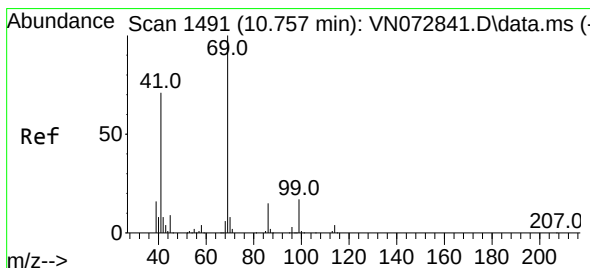
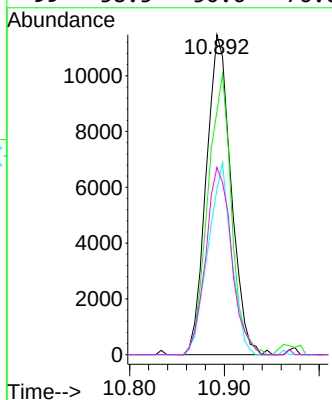
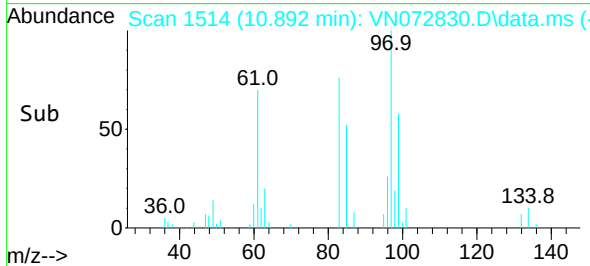
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	76.1	66.2	99.4
85	51.6	43.9	65.9
99	58.5	50.6	76.0

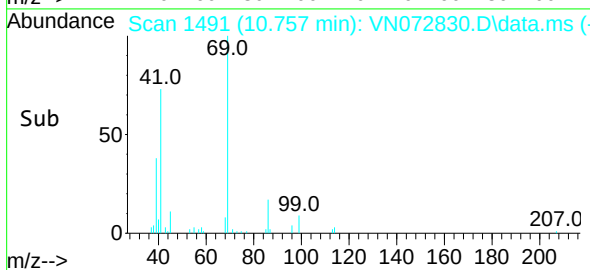
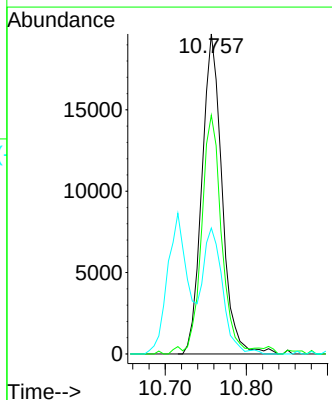
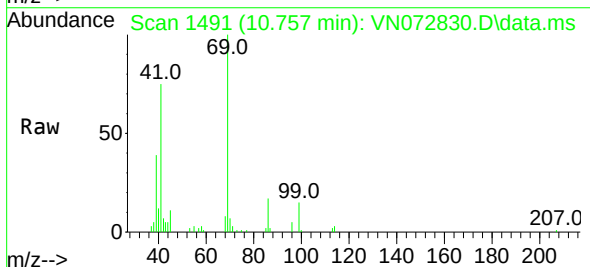
Manual Integrations
APPROVED

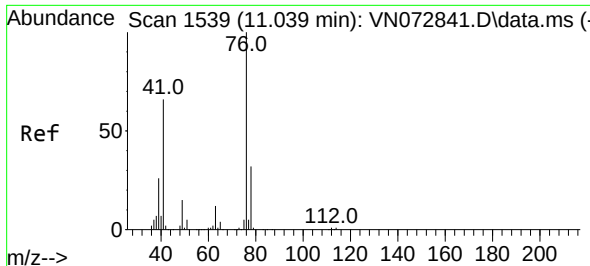
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#56
Ethyl methacrylate
Concen: 3.244 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.0	47.8	71.6#
39	38.0	27.3	40.9





#57

1,3-Dichloropropane

Concen: 3.393 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072830.D

Acq: 14 Jun 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 3650

Ion Ratio Lower Upper

76 100

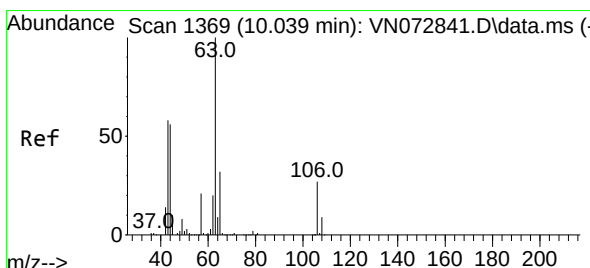
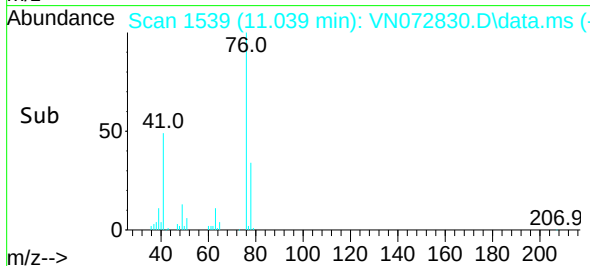
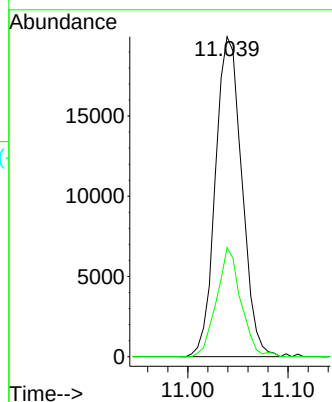
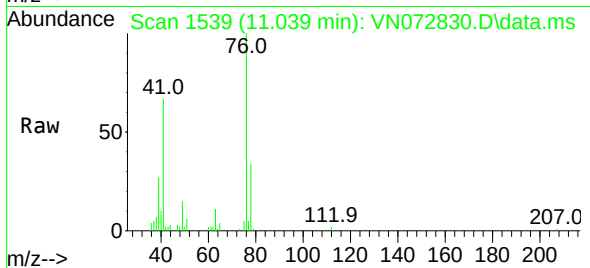
78 31.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 15.648 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072830.D

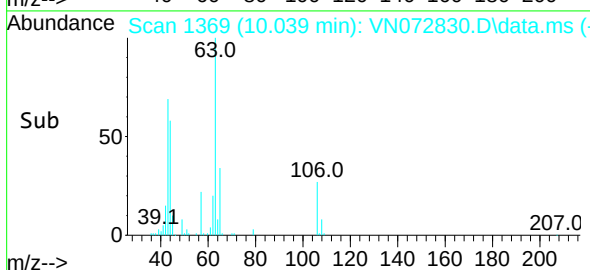
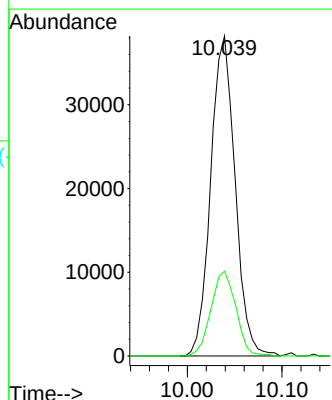
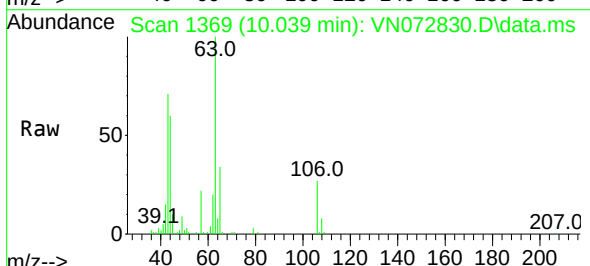
Acq: 14 Jun 2022 12:58

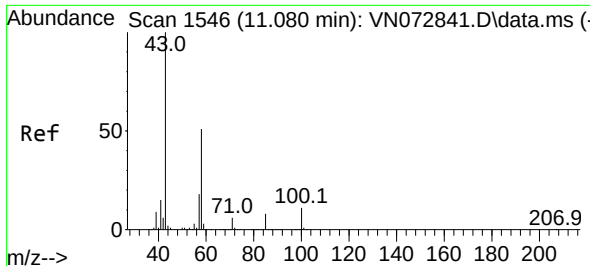
Tgt Ion: 63 Resp: 68401

Ion Ratio Lower Upper

63 100

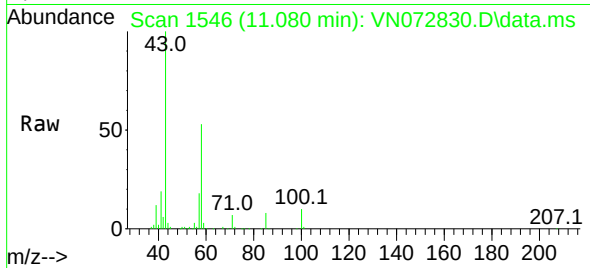
106 27.0 24.6 36.8





#59
2-Hexanone
Concen: 15.878 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

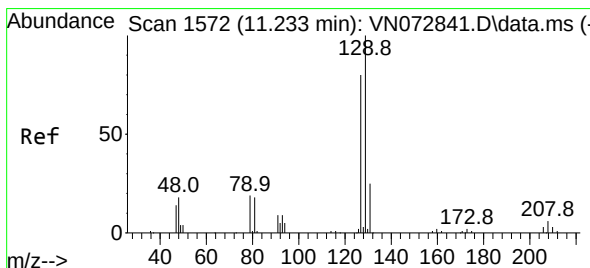
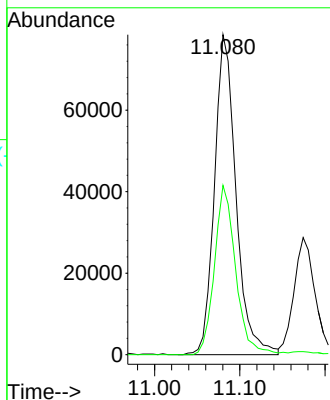
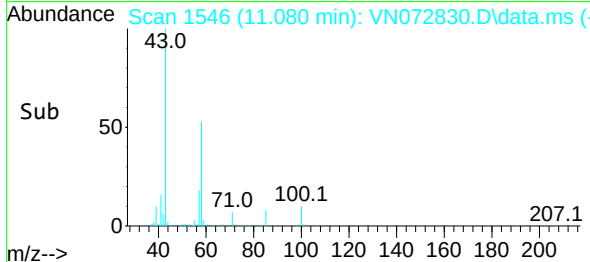
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 137770
Ion Ratio Lower Upper
43 100
58 51.9 29.7 89.1

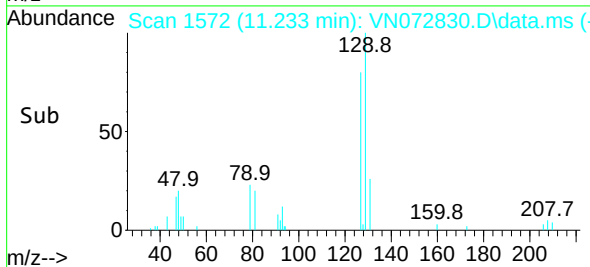
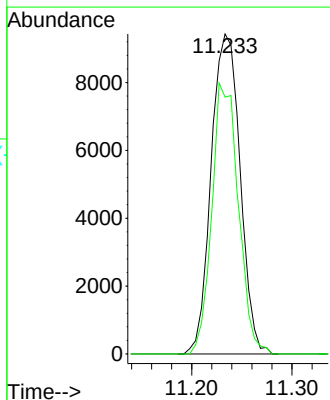
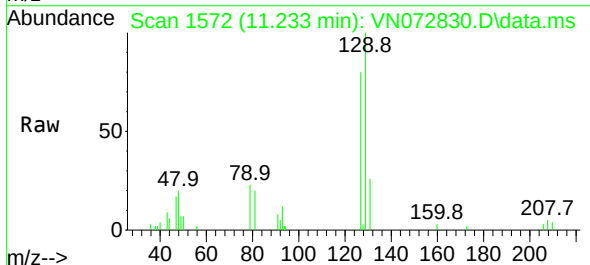
Manual Integrations
APPROVED

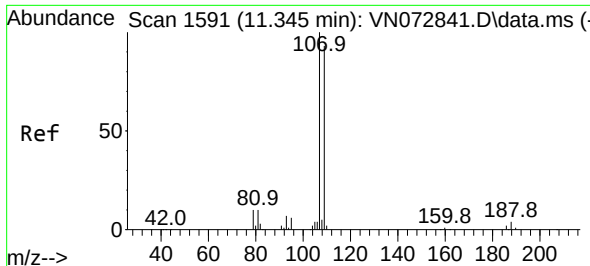
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#60
Dibromochloromethane
Concen: 3.046 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

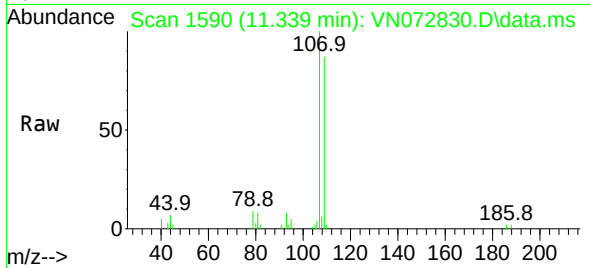
Tgt Ion:129 Resp: 18865
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 3.402 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

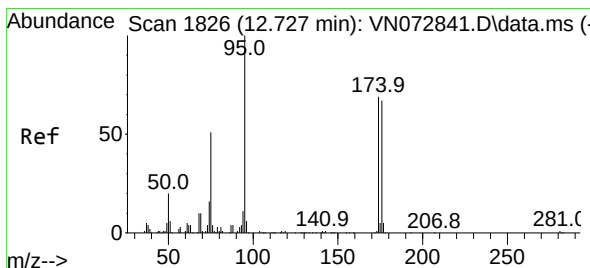
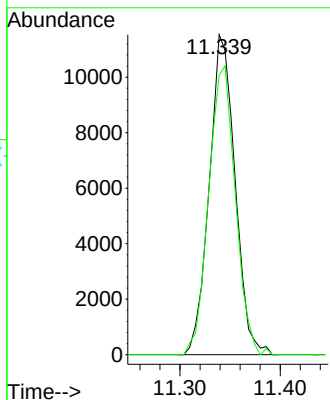
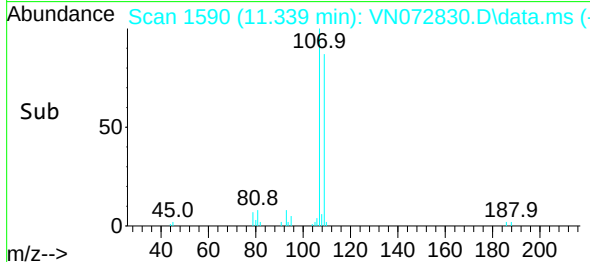
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



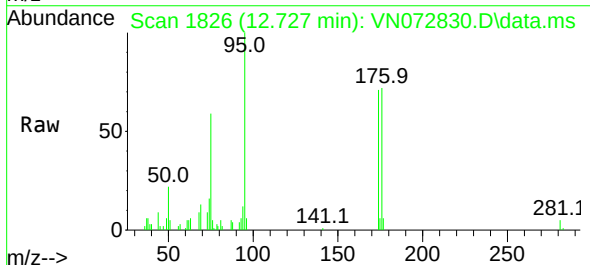
Tgt Ion: 107 Resp: 20600
Ion Ratio Lower Upper
107 100
109 93.3 75.0 112.6

Manual Integrations
APPROVED

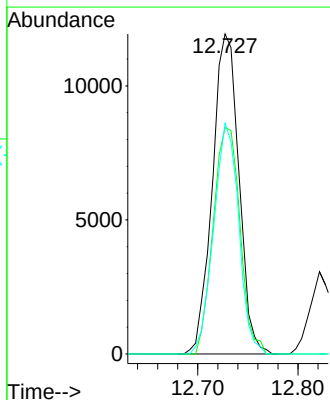
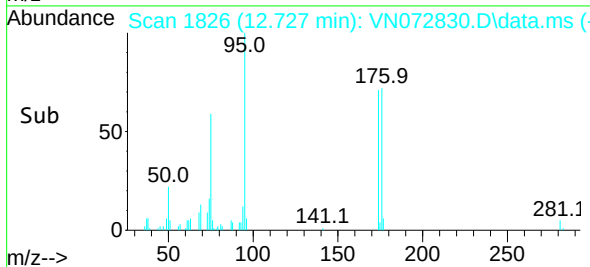
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

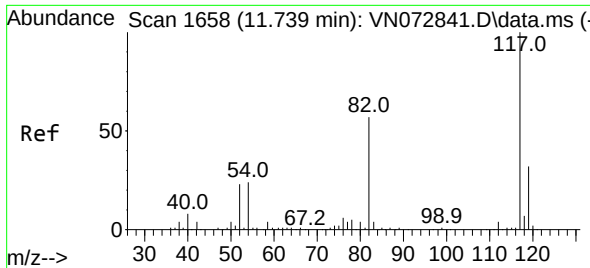


#62
4-Bromofluorobenzene
Concen: 2.910 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58



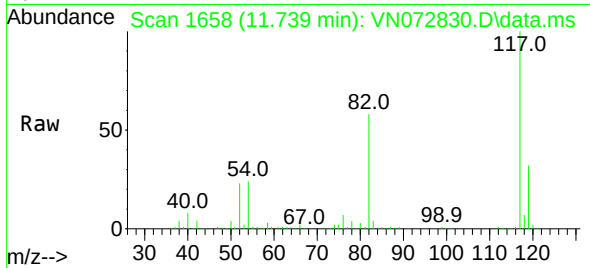
Tgt Ion: 95 Resp: 21941
Ion Ratio Lower Upper
95 100
174 71.7 0.0 167.6
176 68.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

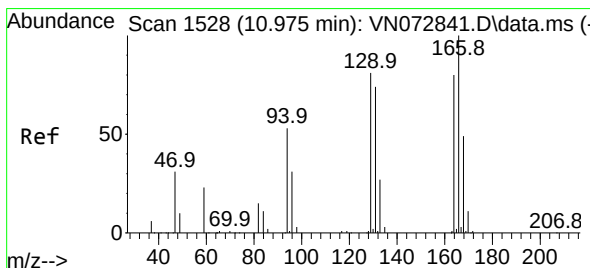
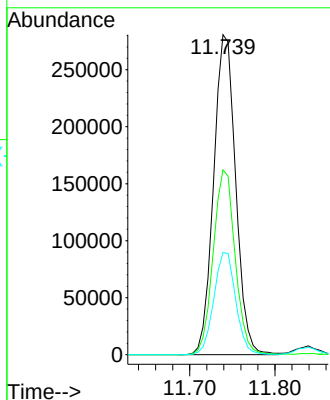
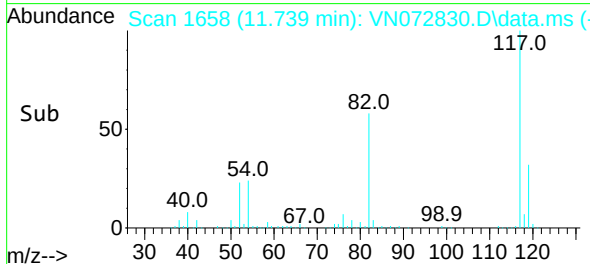
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



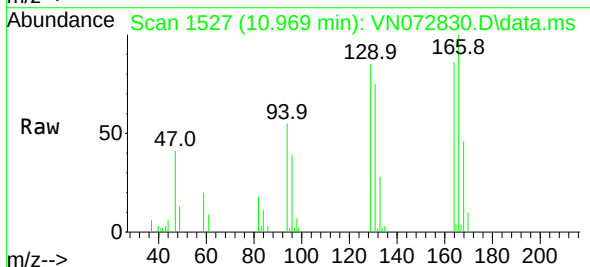
Tgt Ion:117 Resp: 50561
Ion Ratio Lower Upper
117 100
82 57.7 44.2 66.2
119 32.0 25.4 38.0

Manual Integrations
APPROVED

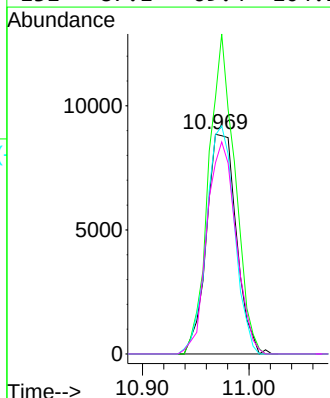
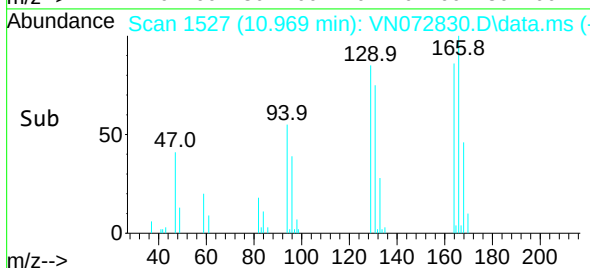
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

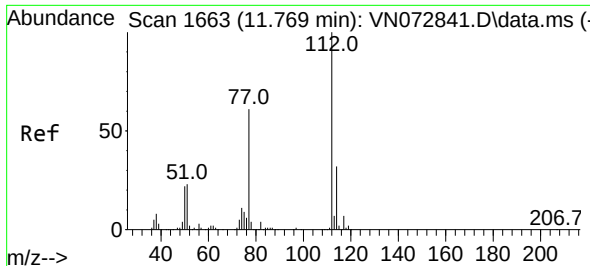


#64
Tetrachloroethene
Concen: 4.581 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58



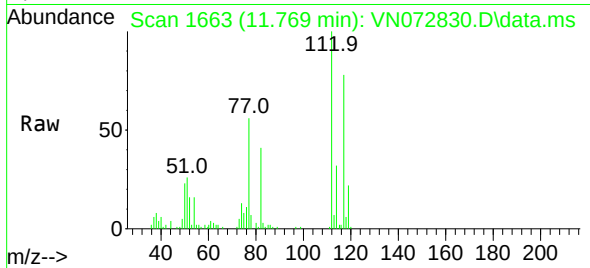
Tgt Ion:164 Resp: 17154
Ion Ratio Lower Upper
164 100
166 116.7 104.2 156.2
129 99.7 73.9 110.9
131 87.1 69.4 104.2





#65
Chlorobenzene
Concen: 3.912 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

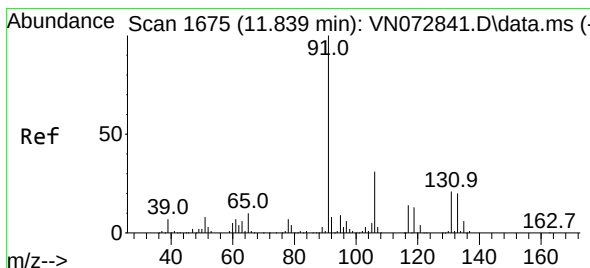
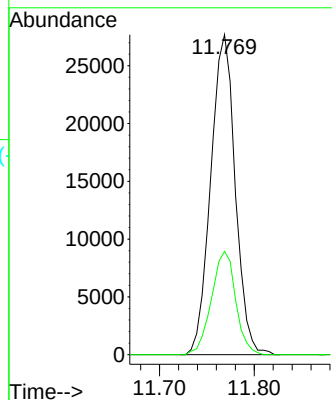
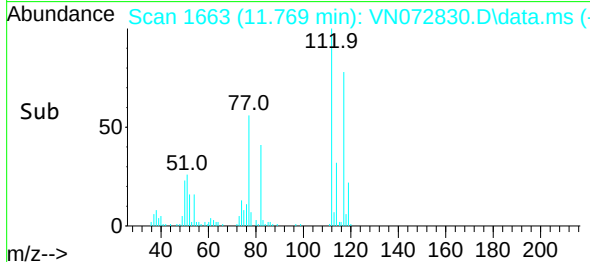
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



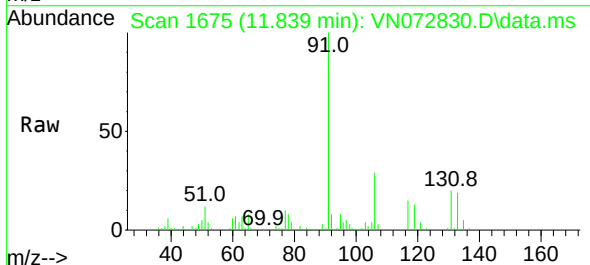
Tgt Ion:112 Resp: 4973
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

Manual Integrations
APPROVED

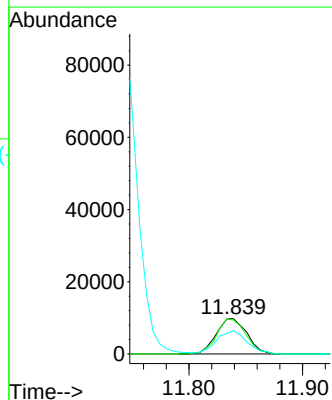
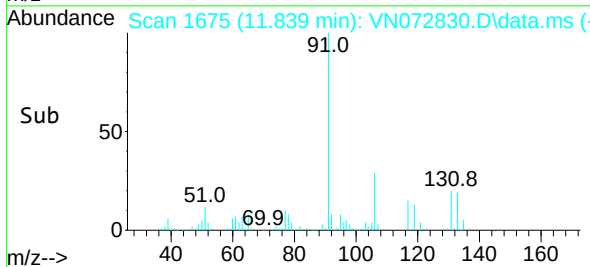
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

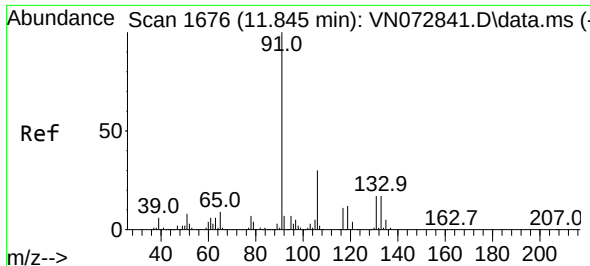


#66
1,1,1,2-Tetrachloroethane
Concen: 3.789 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58



Tgt Ion:131 Resp: 18259
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.4
119 65.3 33.4 100.2





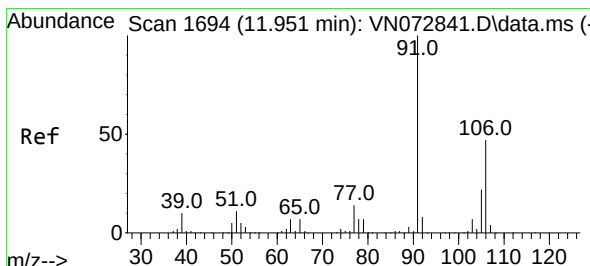
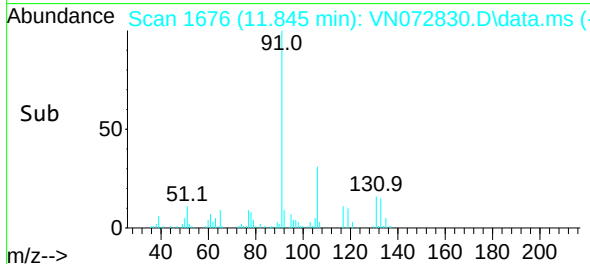
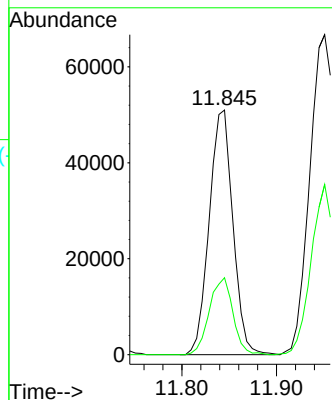
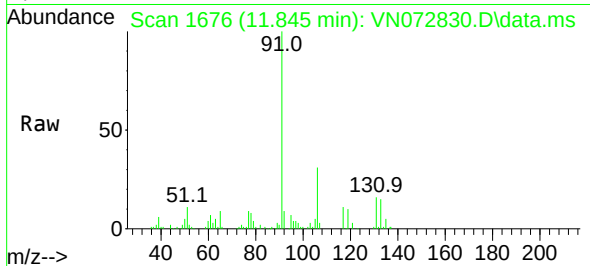
#67
Ethyl Benzene
Concen: 3.748 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 88510
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

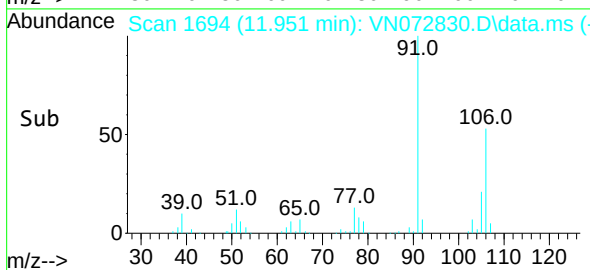
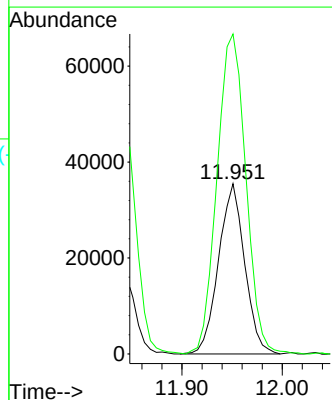
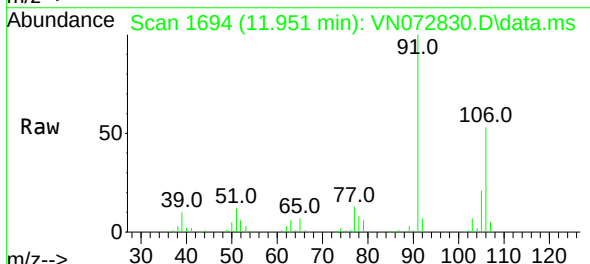
Manual Integrations
APPROVED

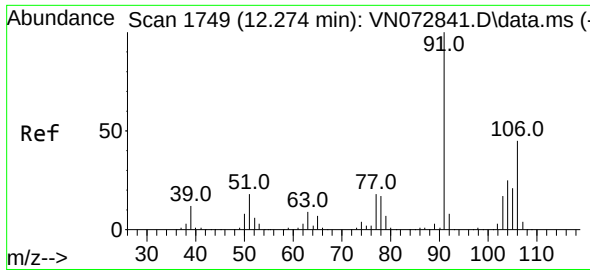
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#68
m/p-Xylenes
Concen: 7.579 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Tgt Ion:106 Resp: 64225
Ion Ratio Lower Upper
106 100
91 207.5 158.9 238.3





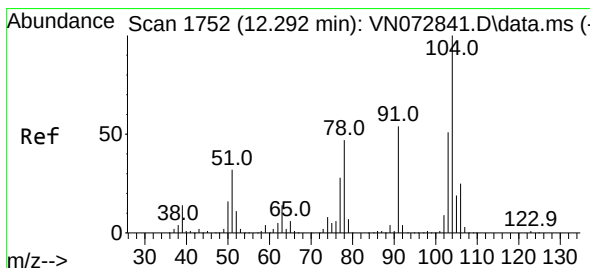
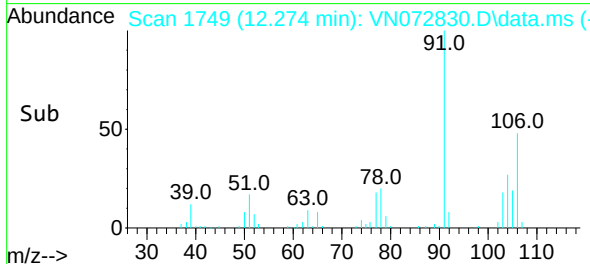
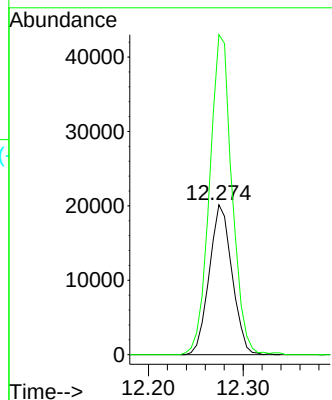
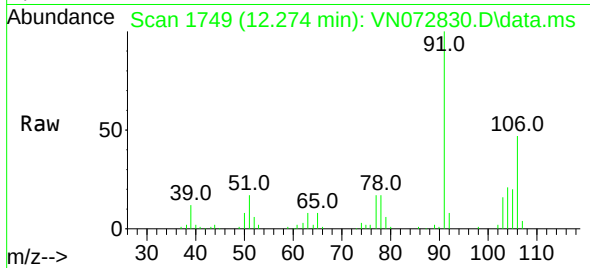
#69
o-Xylene
Concen: 3.949 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 3364
Ion Ratio Lower Upper
106 100
91 210.5 106.0 318.0

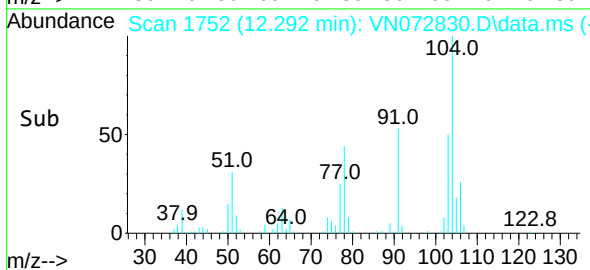
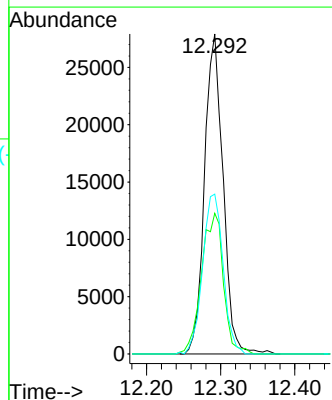
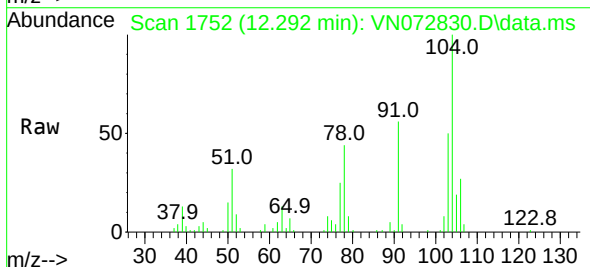
Manual Integrations
APPROVED

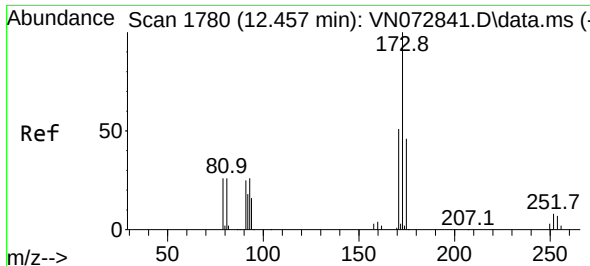
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#70
Styrene
Concen: 3.568 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

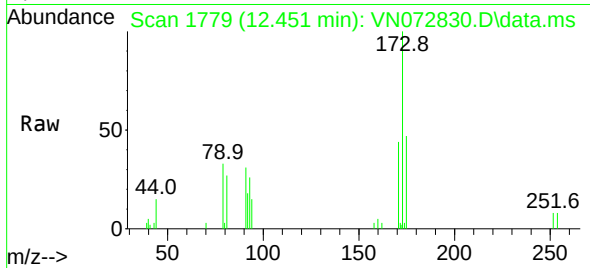
Tgt Ion:104 Resp: 48455
Ion Ratio Lower Upper
104 100
78 52.0 39.5 59.3
103 55.3 44.0 66.0





#71
Bromoform
Concen: 3.478 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

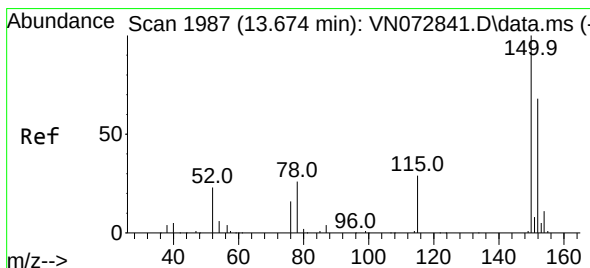
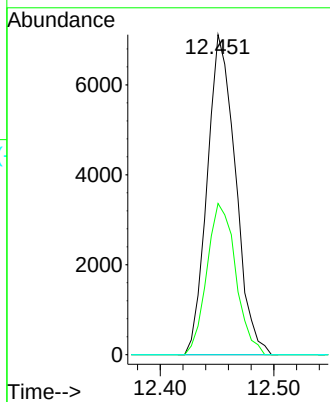
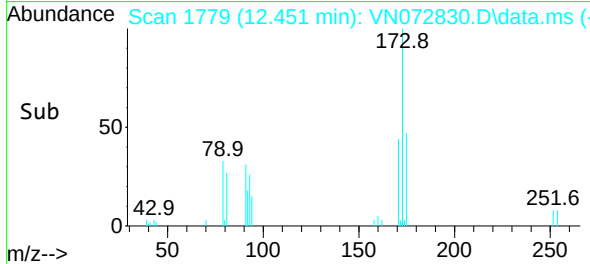
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



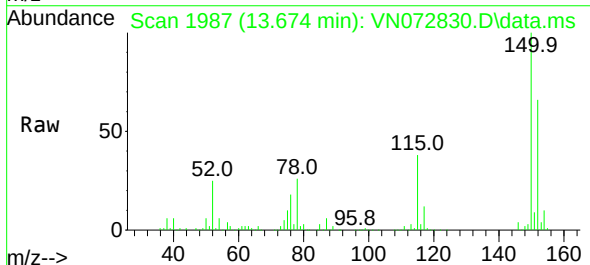
Tgt Ion:173 Resp: 12288
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

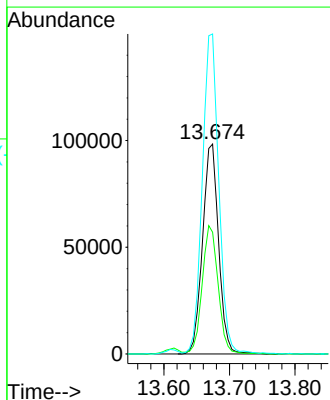
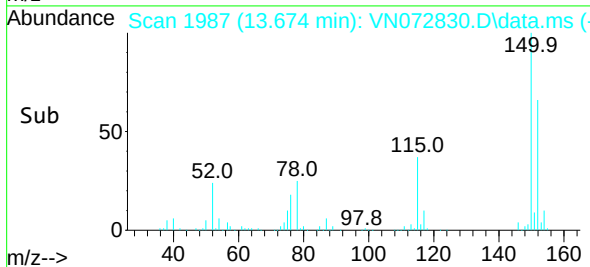
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

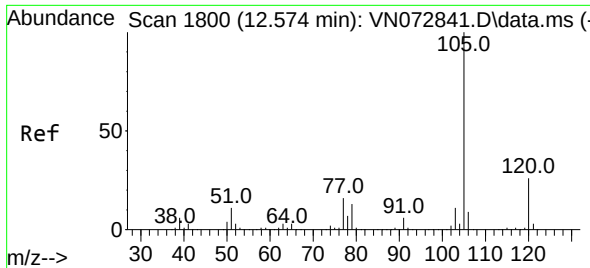


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58



Tgt Ion:152 Resp: 167766
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.7
150 156.5 0.0 356.2





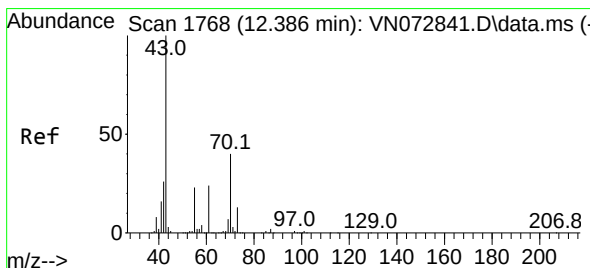
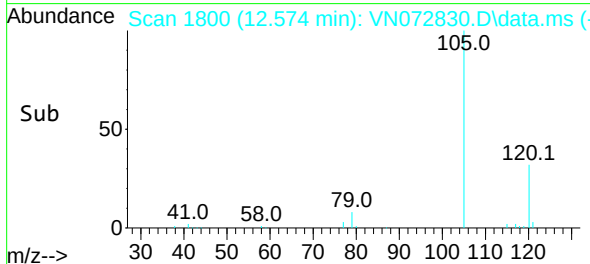
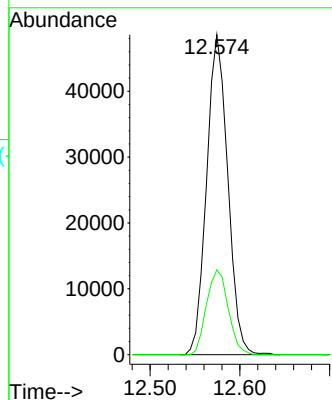
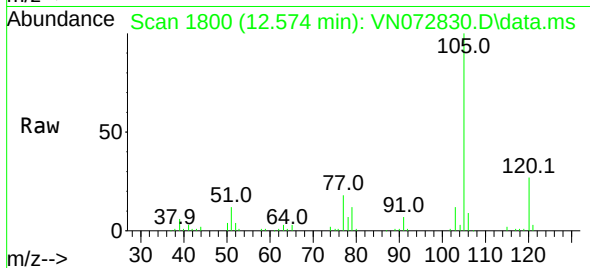
#73
Isopropylbenzene
Concen: 4.739 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 105 Resp: 79608
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

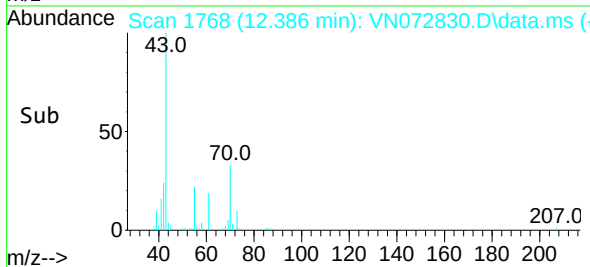
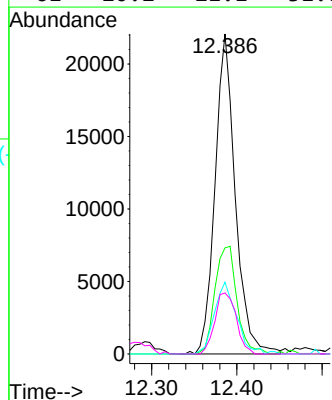
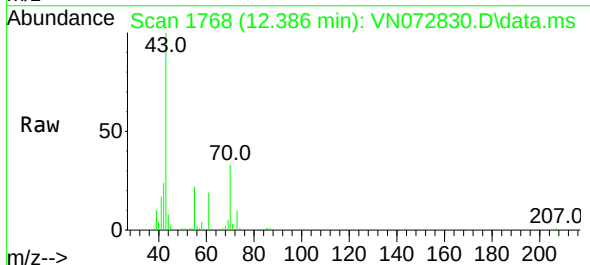
Manual Integrations
APPROVED

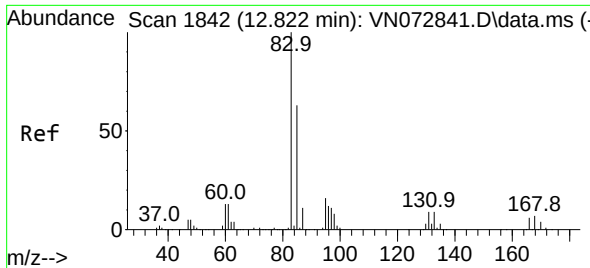
Reviewed By : John Carlone 06/15/2022
Supervised By : Mahesh Dadoda 06/15/2022



#74
N-ethyl acetate
Concen: 4.538 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Tgt Ion: 43 Resp: 36455
Ion Ratio Lower Upper
43 100
70 36.4 39.0 58.4#
55 24.6 21.1 31.7
61 20.2 21.1 31.7#





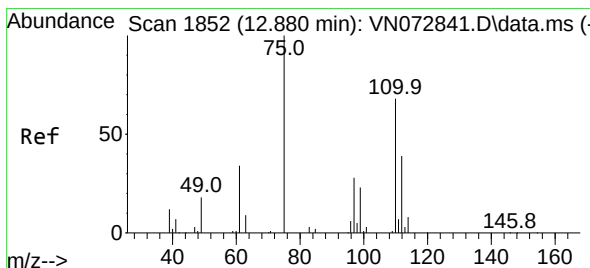
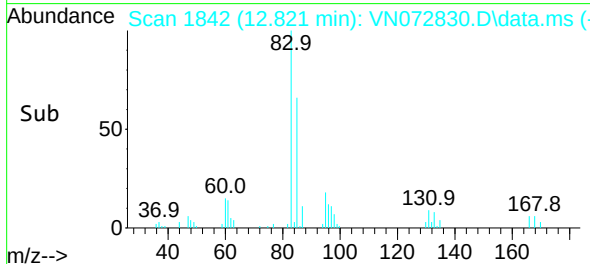
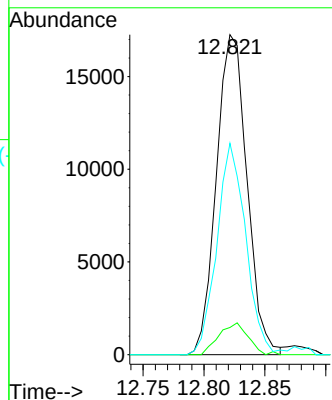
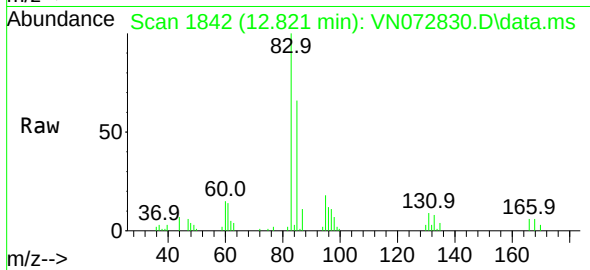
#75
1,1,2,2-Tetrachloroethane
Concen: 5.098 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 3018
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.9
85 62.6 32.3 96.9

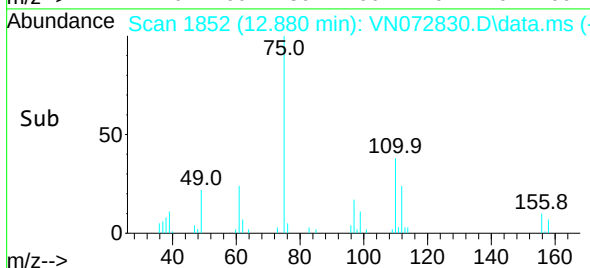
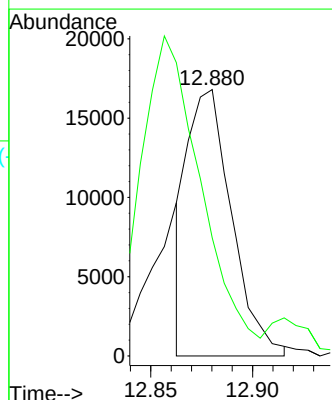
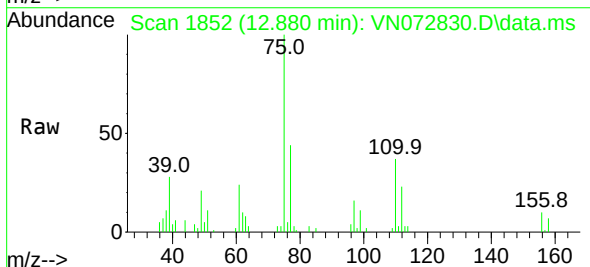
Manual Integrations
APPROVED

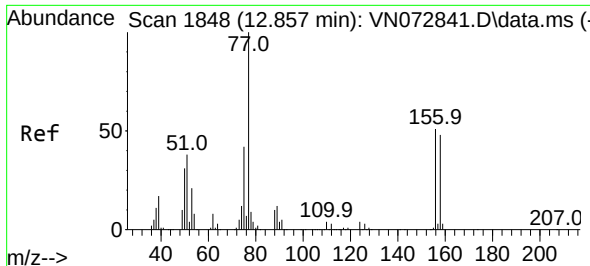
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#76
1,2,3-Trichloropropane
Concen: 4.500 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

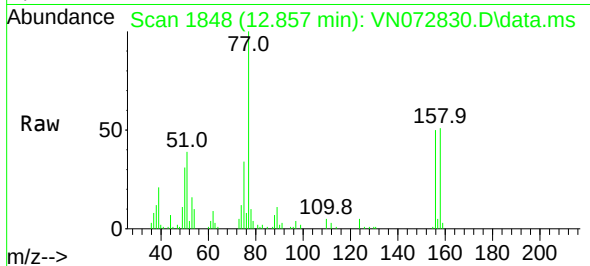
Tgt Ion: 75 Resp: 25421
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 4.969 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

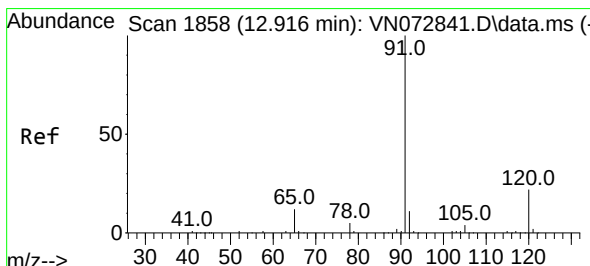
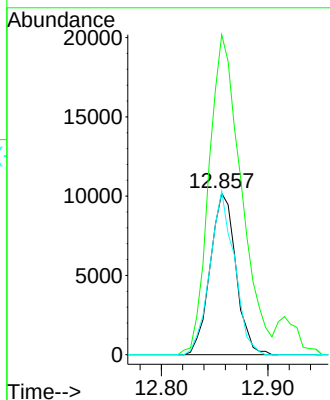
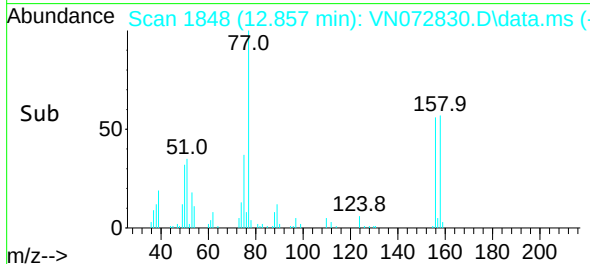
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



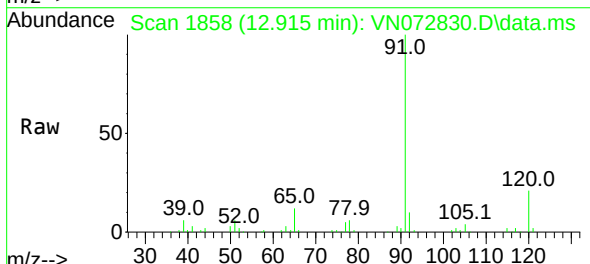
Tgt Ion:156 Resp: 1701
Ion Ratio Lower Upper
156 100
77 248.5 100.5 301.5
158 96.9 48.9 146.6

Manual Integrations
APPROVED

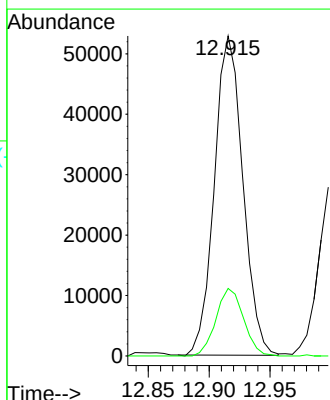
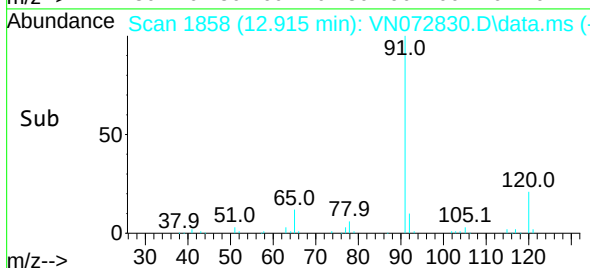
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

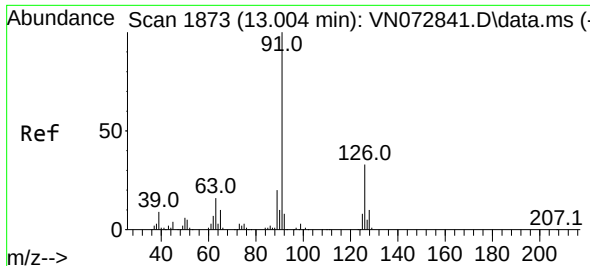


#78
n-propylbenzene
Concen: 4.607 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58



Tgt Ion: 91 Resp: 85906
Ion Ratio Lower Upper
91 100
120 20.5 11.9 35.5





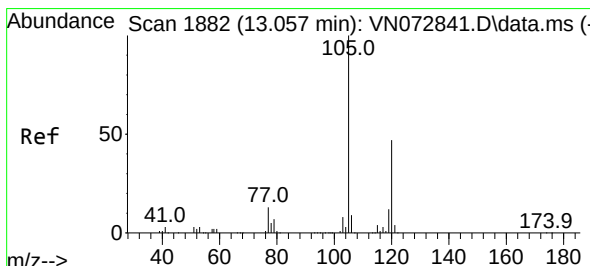
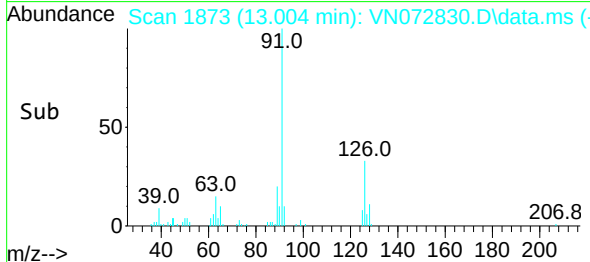
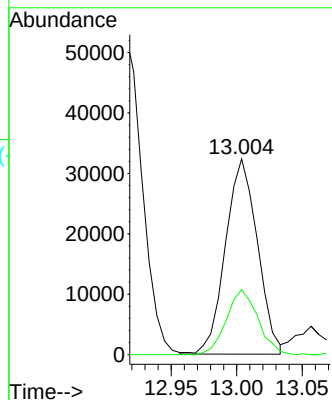
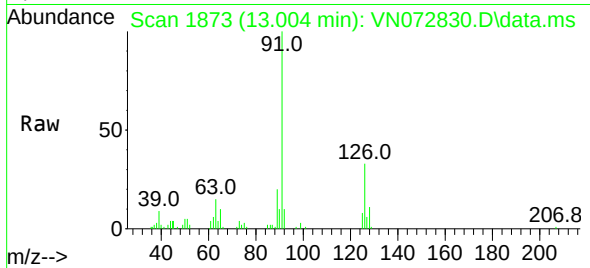
#79
2-Chlorotoluene
Concen: 4.672 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 5483
Ion Ratio Lower Upper
91 100
126 32.9 17.3 51.9

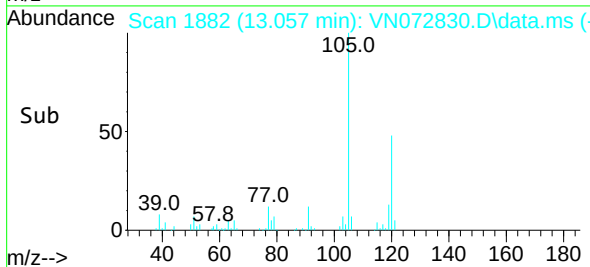
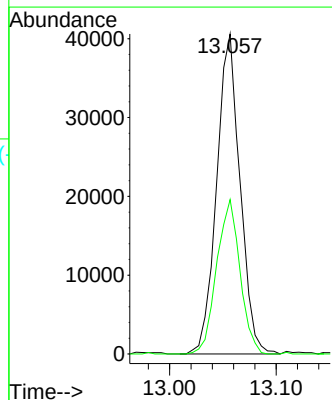
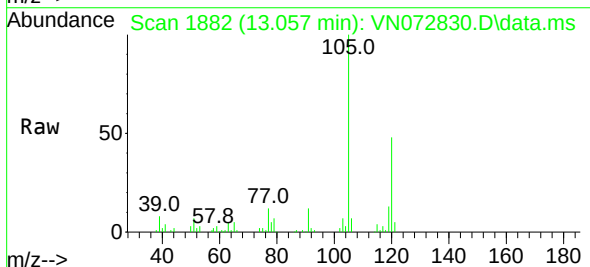
Manual Integrations
APPROVED

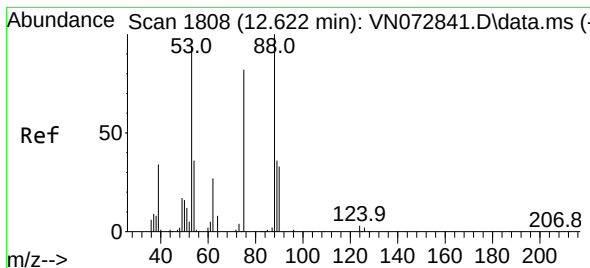
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.556 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

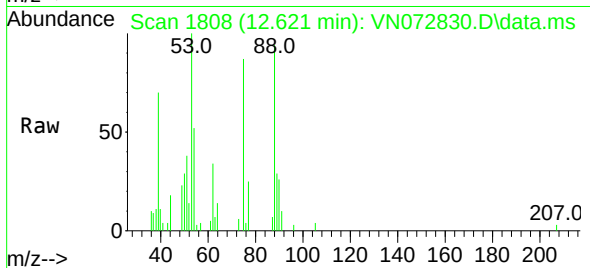
Tgt Ion:105 Resp: 61743
Ion Ratio Lower Upper
105 100
120 48.1 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 3.616 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

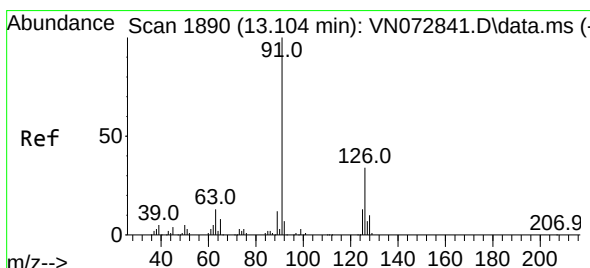
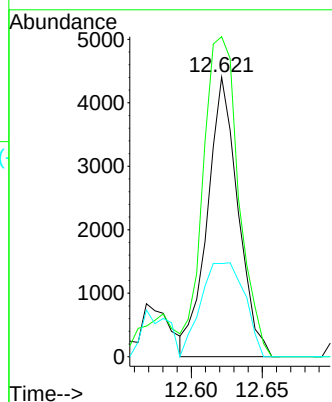
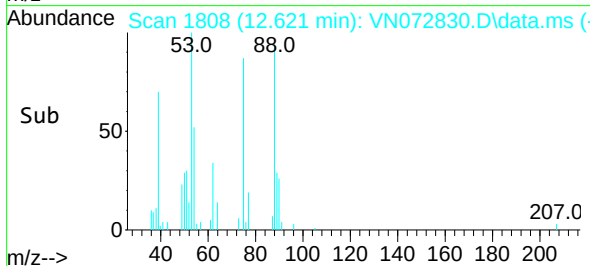
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



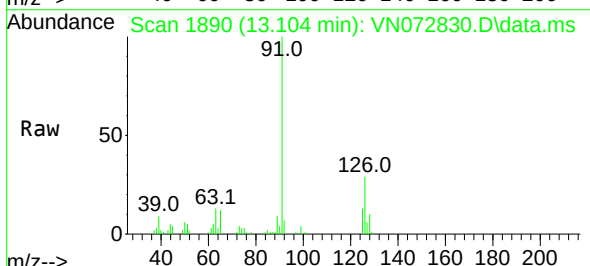
Tgt Ion: 75 Resp: 661
Ion Ratio Lower Upper
75 100
53 132.7 78.0 117.0
89 47.9 37.2 55.8

Manual Integrations
APPROVED

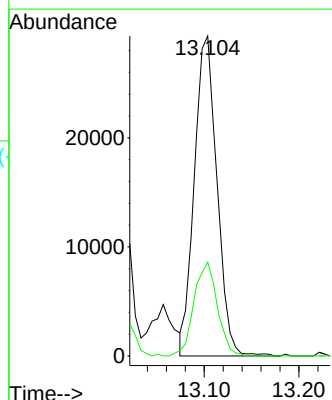
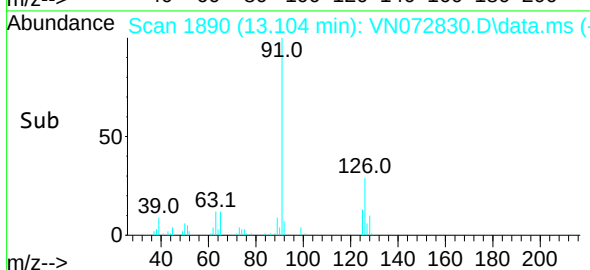
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

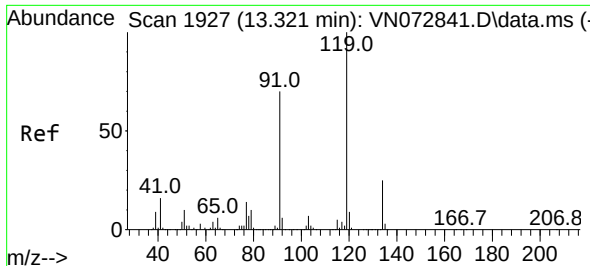


#82
4-Chlorotoluene
Concen: 4.436 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58



Tgt Ion: 91 Resp: 48572
Ion Ratio Lower Upper
91 100
126 30.3 17.2 51.6





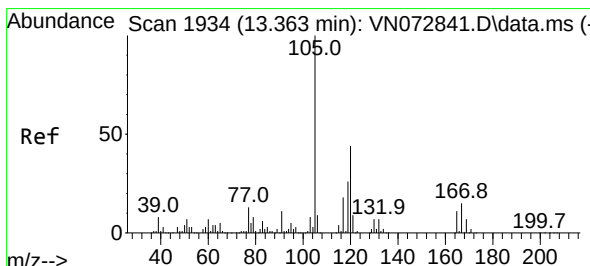
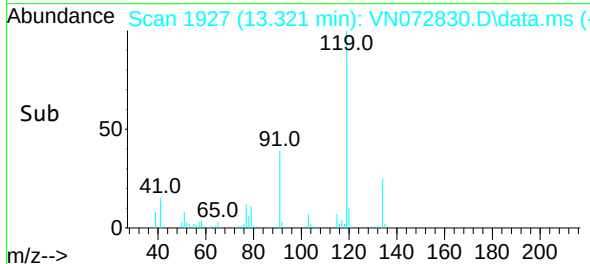
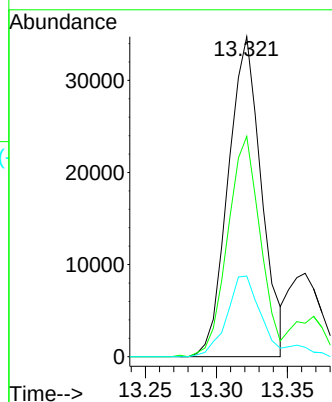
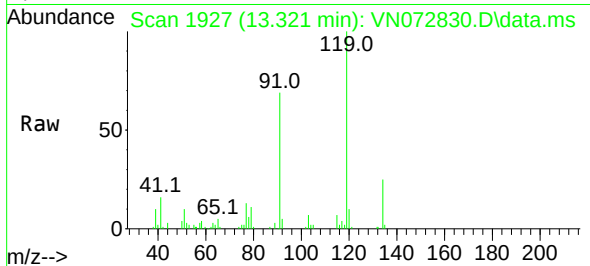
#83
tert-Butylbenzene
Concen: 4.677 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 56600
Ion Ratio Lower Upper
119 100
91 67.4 31.6 94.8
134 28.0 13.7 41.1

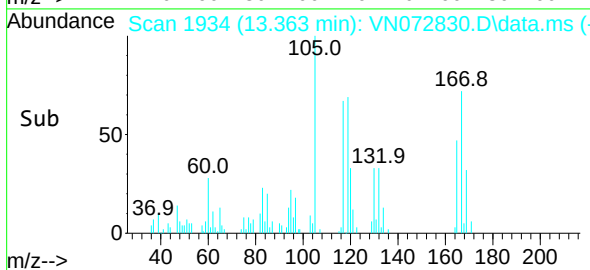
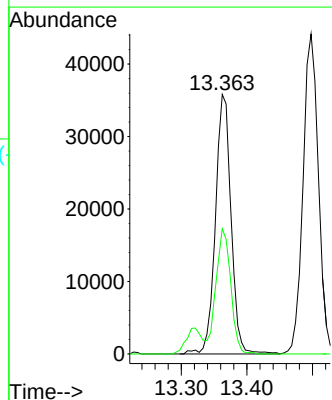
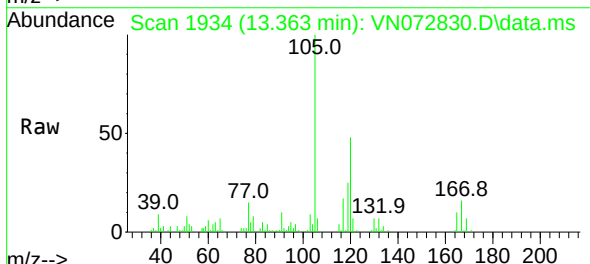
Manual Integrations
APPROVED

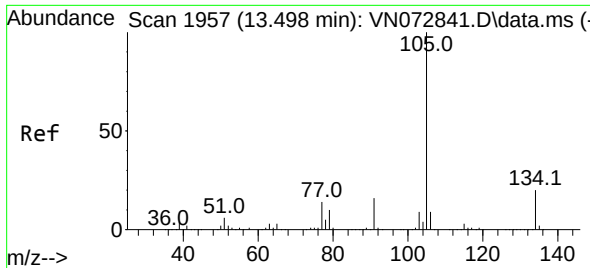
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#84
1,2,4-Trimethylbenzene
Concen: 4.561 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

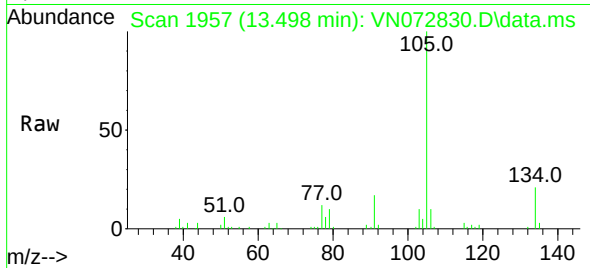
Tgt Ion:105 Resp: 59347
Ion Ratio Lower Upper
105 100
120 45.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 4.450 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072830.D
 Acq: 14 Jun 2022 12:58

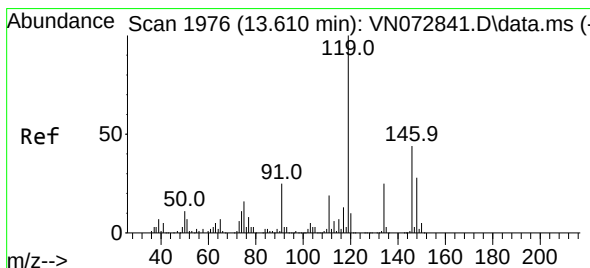
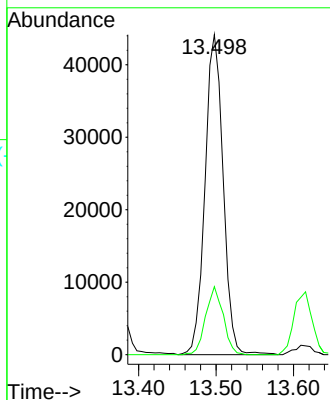
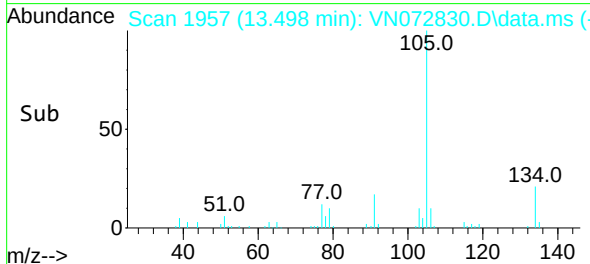
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005



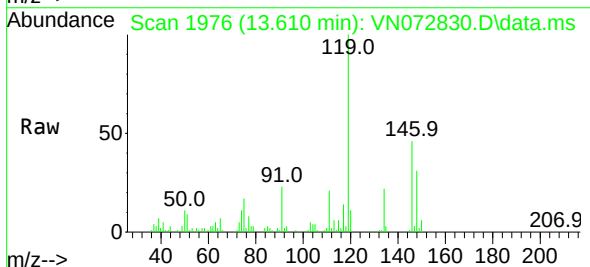
Tgt Ion:105 Resp: 72094
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1

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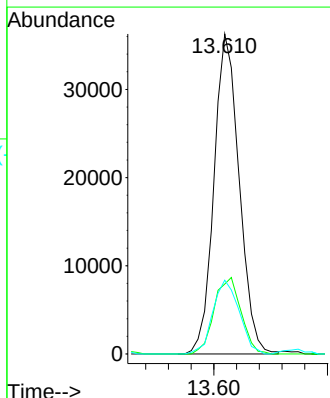
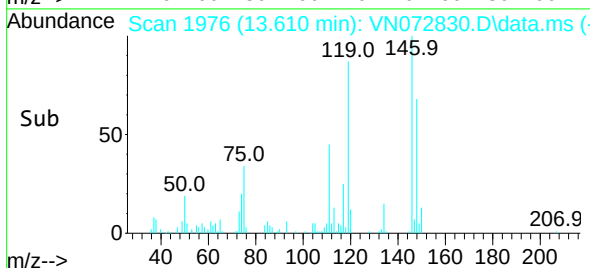
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022

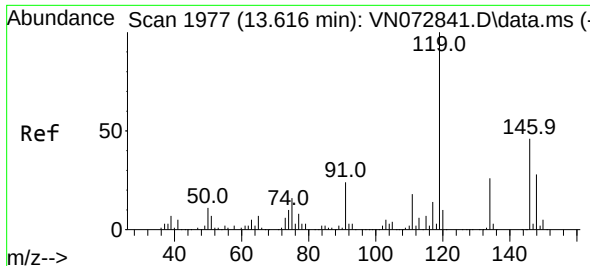


#86
 p-Isopropyltoluene
 Concen: 4.435 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072830.D
 Acq: 14 Jun 2022 12:58



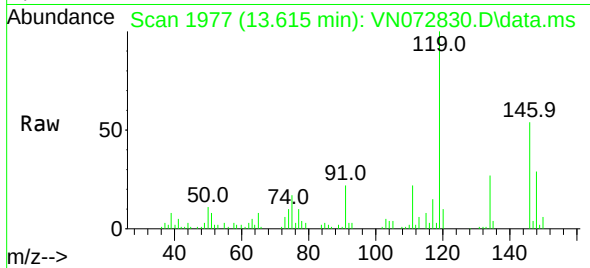
Tgt Ion:119 Resp: 55942
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.3 39.8
 91 24.1 11.3 33.9





#87
 1,3-Dichlorobenzene
 Concen: 4.875 ug/l
 RT: 13.615 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VN072830.D
 Acq: 14 Jun 2022 12:58

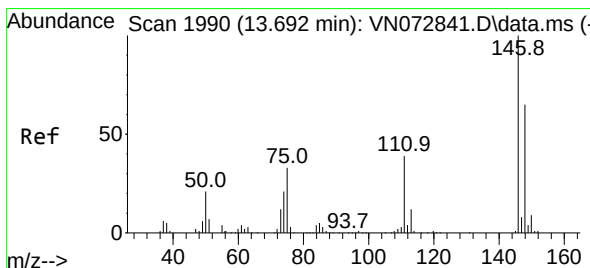
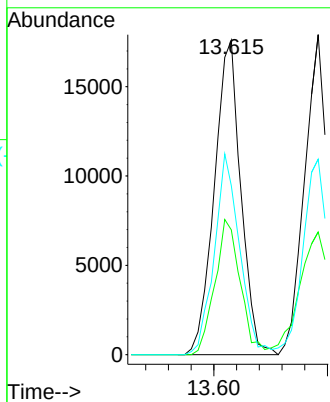
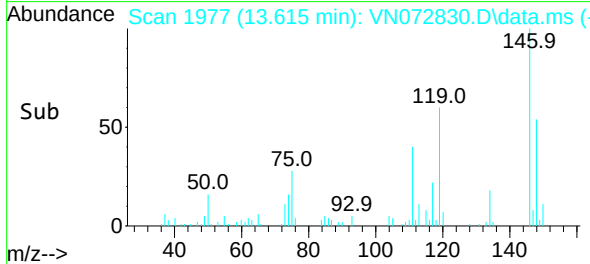
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



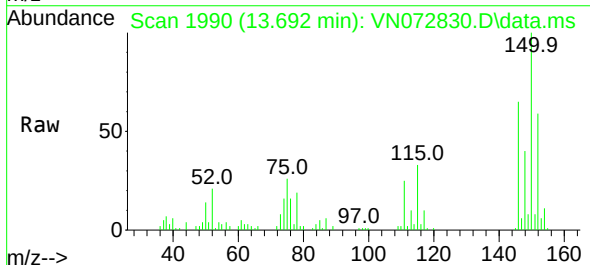
Tgt Ion:146 Resp: 2846
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.0 60.0
 148 61.1 32.0 96.0

Manual Integrations
 APPROVED

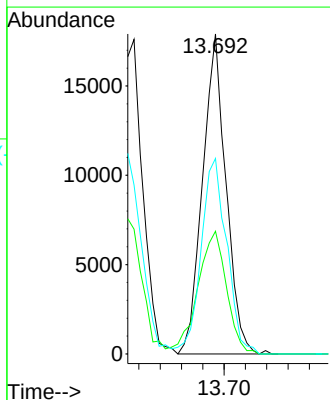
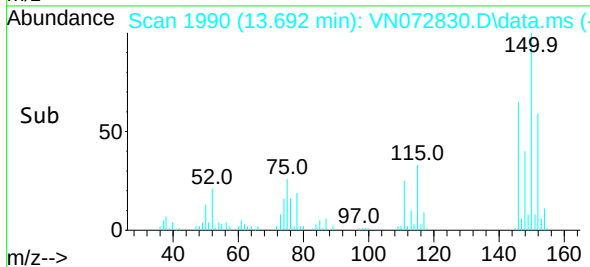
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022

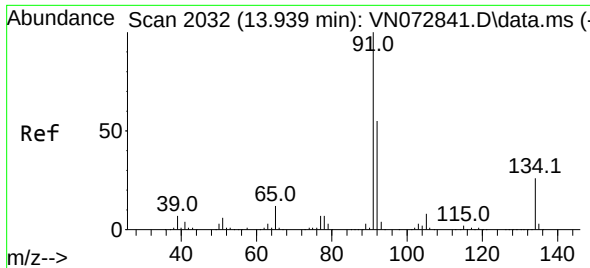


#88
 1,4-Dichlorobenzene
 Concen: 4.750 ug/l
 RT: 13.692 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN072830.D
 Acq: 14 Jun 2022 12:58



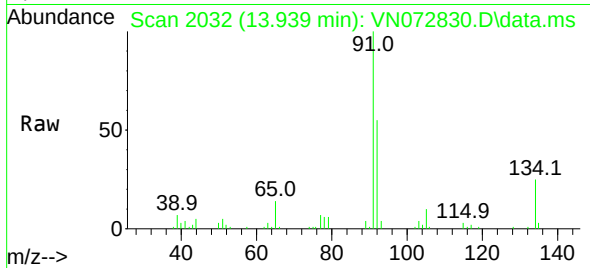
Tgt Ion:146 Resp: 27375
 Ion Ratio Lower Upper
 146 100
 111 47.3 19.1 57.1
 148 67.0 31.4 94.3





#89
n-Butylbenzene
Concen: 3.893 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

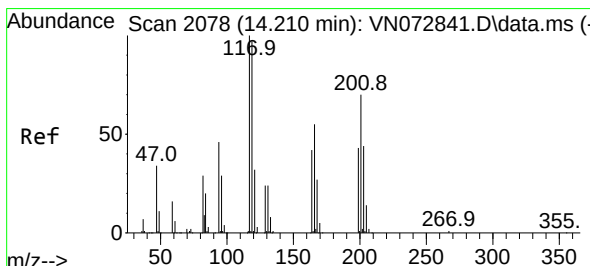
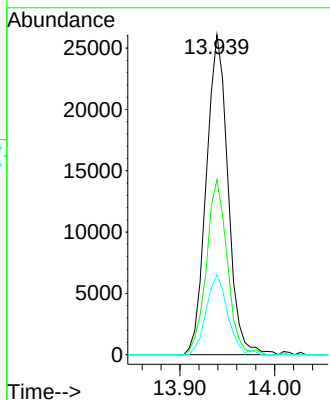
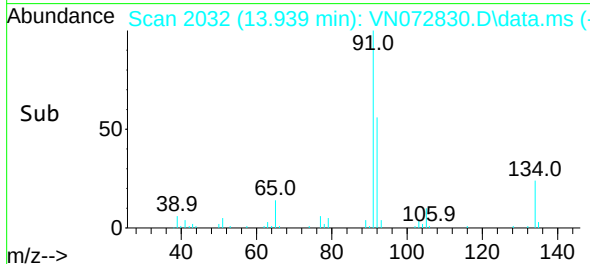
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 4152
Ion Ratio Lower Upper
91 100
92 52.6 26.9 80.7
134 24.7 13.6 40.8

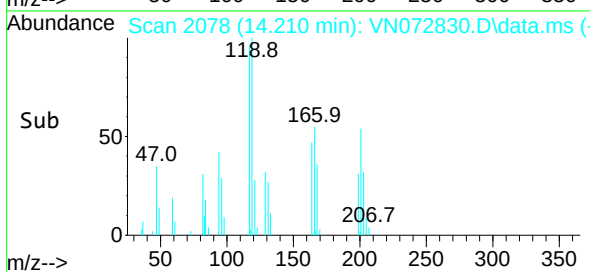
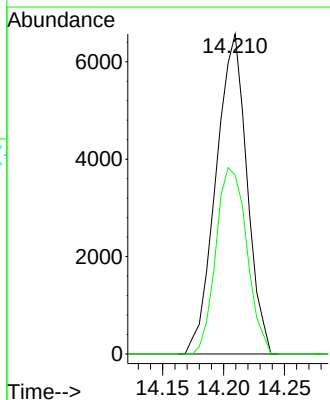
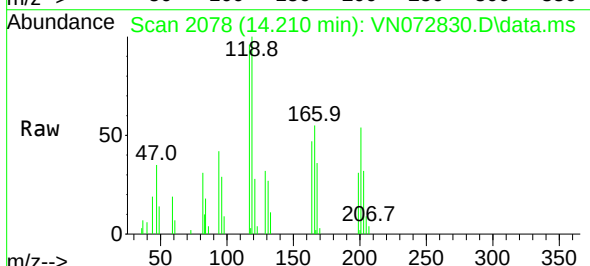
Manual Integrations
APPROVED

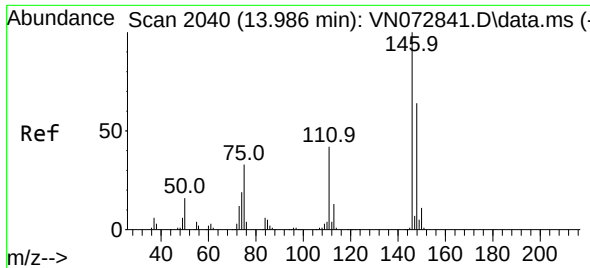
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#90
Hexachloroethane
Concen: 4.330 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Tgt Ion:117 Resp: 11613
Ion Ratio Lower Upper
117 100
201 58.1 40.6 122.0





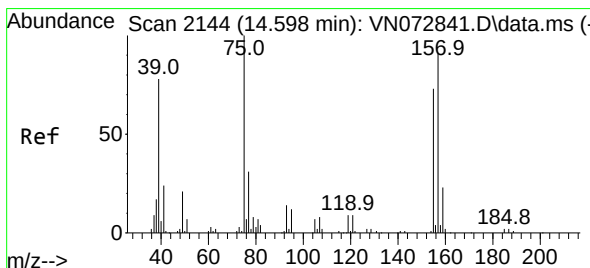
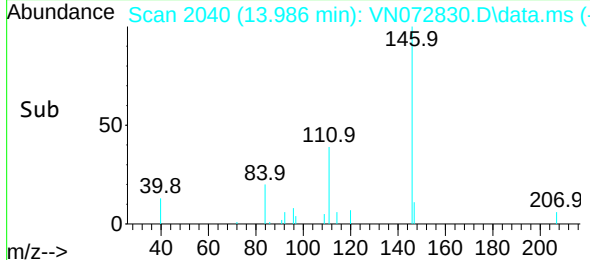
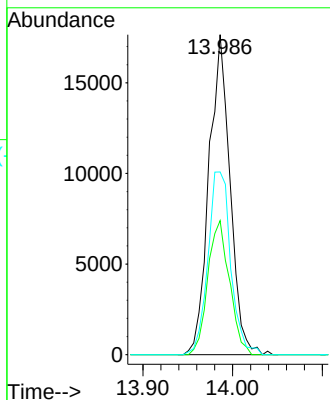
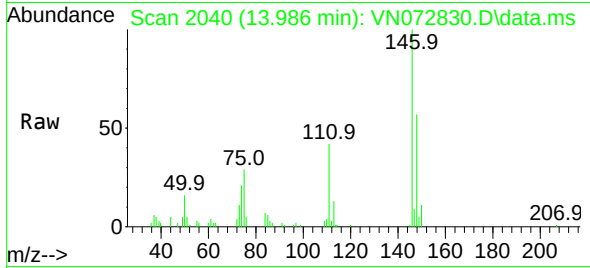
#91
1,2-Dichlorobenzene
Concen: 4.976 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 2886
Ion Ratio Lower Upper
146 100
111 42.9 20.9 62.8
148 61.7 32.1 96.3

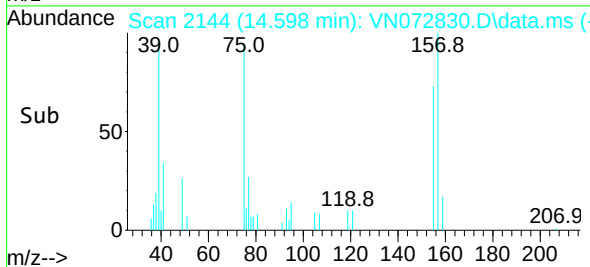
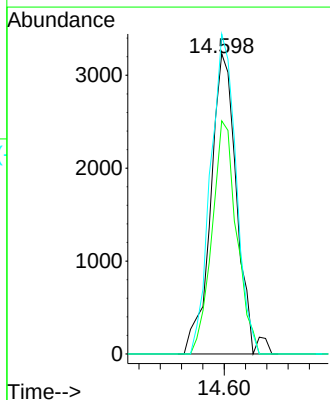
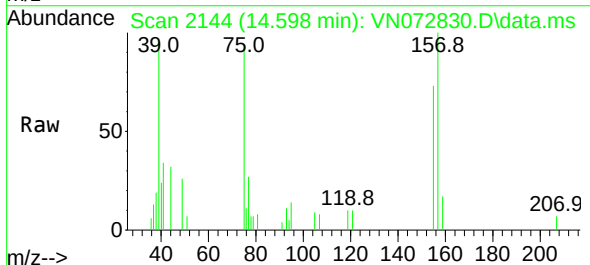
Manual Integrations
APPROVED

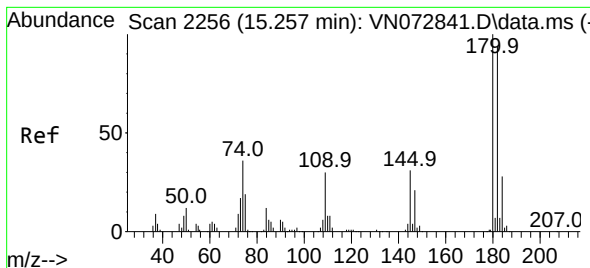
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.248 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

Tgt Ion: 75 Resp: 5461
Ion Ratio Lower Upper
75 100
155 73.7 44.9 134.5
157 104.7 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 4.436 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072830.D

Acq: 14 Jun 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

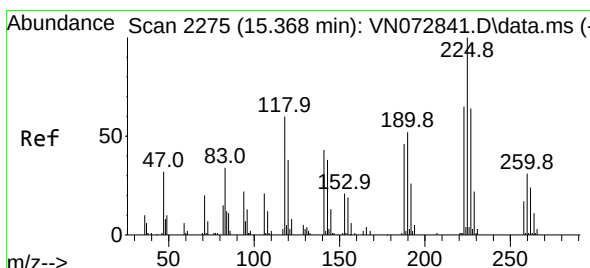
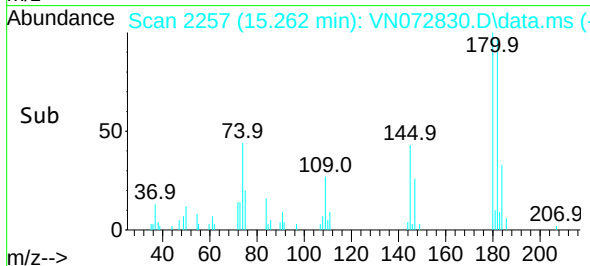
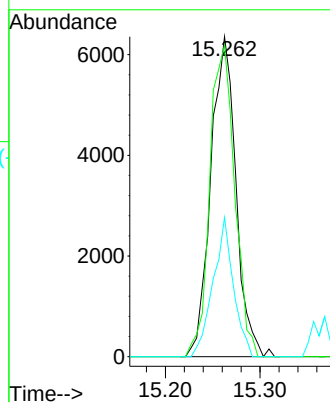
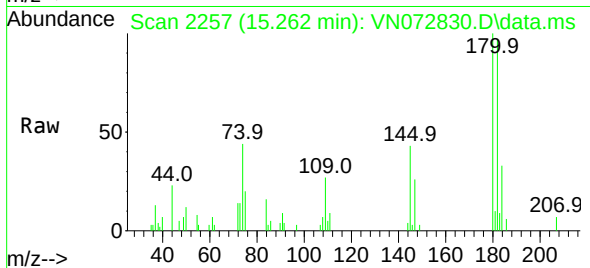
Tgt Ion:180	Resp:	1171
Ion Ratio	Lower	Upper
180	100	
182	96.5	47.5 142.5
145	35.3	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#94

Hexachlorobutadiene

Concen: 5.022 ug/l

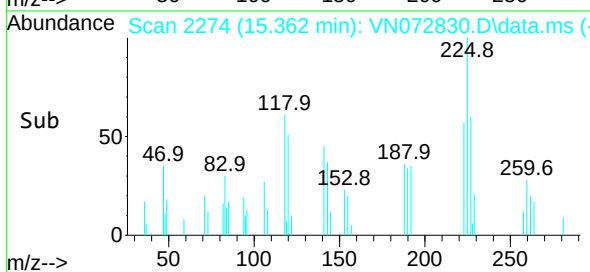
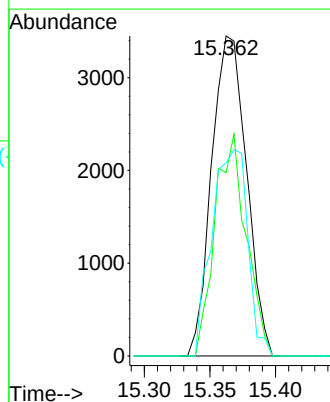
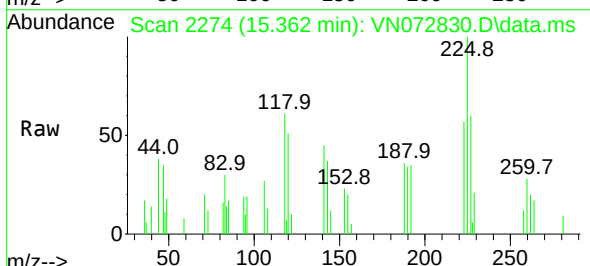
RT: 15.362 min Scan# 2274

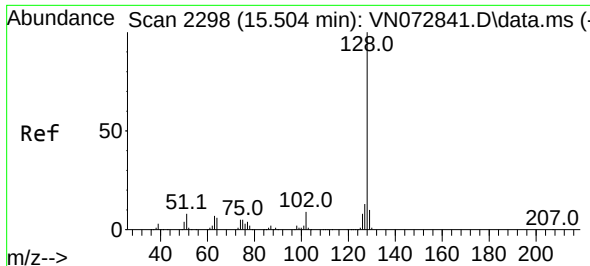
Delta R.T. -0.006 min

Lab File: VN072830.D

Acq: 14 Jun 2022 12:58

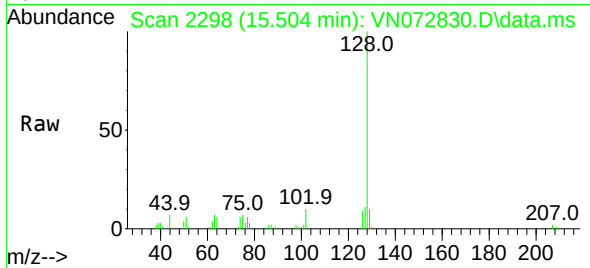
Tgt Ion:225	Resp:	6382
Ion Ratio	Lower	Upper
225	100	
223	62.2	32.4 97.2
227	66.3	31.8 95.4





#95
Naphthalene
Concen: 4.032 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58

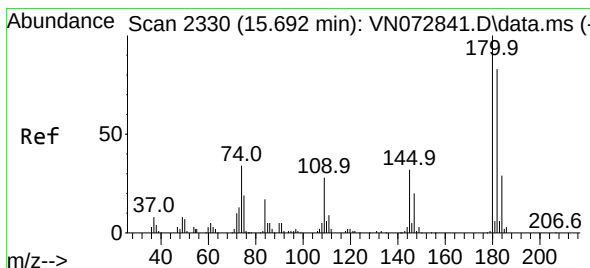
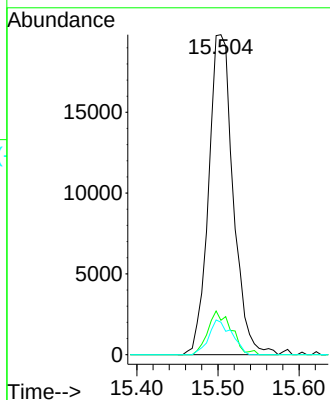
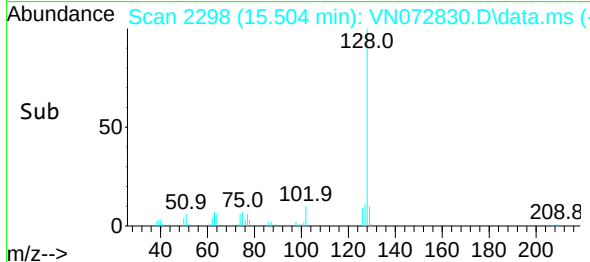
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



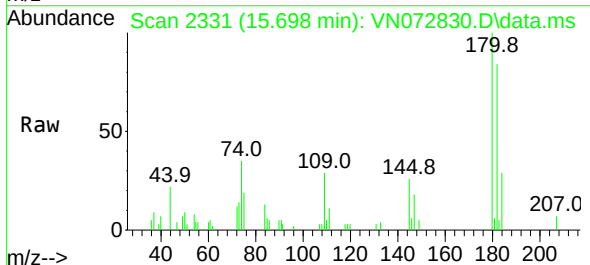
Tgt Ion:128 Resp: 41638
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.0 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 4.673 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072830.D
Acq: 14 Jun 2022 12:58



Tgt Ion:180 Resp: 12792
Ion Ratio Lower Upper
180 100
182 85.7 47.8 143.3
145 32.6 15.5 46.5

