

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032422\
 Data File : VN071514.D
 Acq On : 24 Mar 2022 11:17
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/25/2022

Quant Time: Mar 24 11:44:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 11:41:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	106079	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	580541	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	539474	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	218423	26.490	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	88.300%	#	
60) 4-Bromofluorobenzene	12.727	95	247590	29.917	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.733%		
63) Toluene-d8	10.439	98	717728	28.914	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.367%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	687303	100.582	ug/l	100
3) Chloromethane	2.299	50	781611	88.262	ug/l	96
4) Vinyl Chloride	2.440	62	909975	107.551	ug/l	98
5) Bromomethane	2.828	94	562920	126.124	ug/l	99
6) Chloroethane	2.999	64	584557	112.610	ug/l	97
7) Trichlorofluoromethane	3.363	101	1055777	100.175	ug/l	98
8) Diethyl Ether	3.822	74	448468	98.029	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.210	101	632789m	104.882	ug/l	
10) 1,1-Dichloroethene	4.181	96	636404	104.679	ug/l	98
11) Methyl Iodide	4.422	142	964326	113.428	ug/l	90
12) Methyl Acetate	4.845	43	870713	78.909	ug/l	100
13) Acrolein	4.034	56	468330	336.280	ug/l	98
14) Acrylonitrile	5.545	53	2054562	441.537	ug/l	97
15) Acetone	4.275	58	557795	444.093	ug/l	92
16) Carbon Disulfide	4.528	76	1675422	102.494	ug/l	98
17) Allyl chloride	4.834	41	1036402	86.560	ug/l	84
18) Methylene Chloride	5.093	84	740999	100.362	ug/l	97
19) trans-1,2-Dichloroethene	5.592	96	674765	105.257	ug/l	94
20) Diisopropyl ether	6.492	45	2151536	87.856	ug/l	93
21) 1,1-Dichloroethane	6.381	63	1281278	97.256	ug/l	97
22) cis-1,2-Dichloroethene	7.322	96	821420	105.532	ug/l	98
23) tert-Butyl Alcohol	5.363	59	757972	443.390	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	2285832	99.412	ug/l	92
25) Chloroform	7.816	83	1287218	100.584	ug/l	99
26) Cyclohexane	8.092	56	1132265	95.336	ug/l #	99
29) 1,1-Dichloropropene	8.216	75	994518	106.568	ug/l	98
30) 2-Butanone	7.328	43	2702346	426.272	ug/l	98
31) 2,2-Dichloropropane	7.322	77	1120879	123.345	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	1134915	104.539	ug/l	98
33) Carbon Tetrachloride	8.204	117	967958	104.761	ug/l	99
34) Benzene	8.457	78	2984377	103.206	ug/l	96
35) Methacrylonitrile	7.634	41	516893	84.044	ug/l	96
36) 1,2-Dichloroethane	8.522	62	1022960	99.656	ug/l #	95
37) Trichloroethene	9.210	130	787515	112.371	ug/l	99
38) Methylcyclohexane	9.457	83	1268468	111.813	ug/l	97
39) 1,2-Dichloropropane	9.486	63	750295	99.078	ug/l	99
40) Dibromomethane	9.575	93	508344	104.653	ug/l	88
41) Bromodichloromethane	9.757	83	1032998	105.783	ug/l	97
42) Vinyl Acetate	6.428	43	9541190	458.686	ug/l	96

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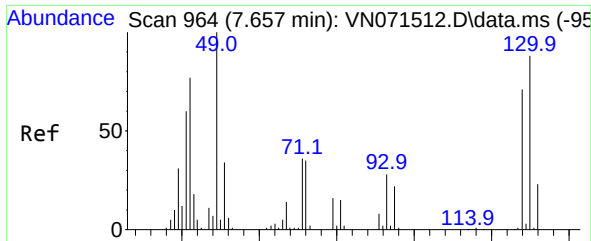
Manual Integrations
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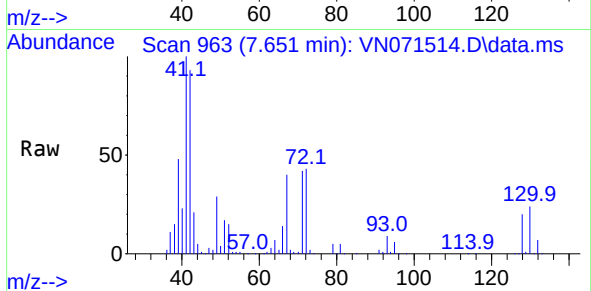
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	1069642	86.694	ug/l	96
44) Isopropyl Acetate	8.557	43	1659603	84.026	ug/l	94
45) 1,4-Dioxane	9.563	88	342553	1900.342	ug/l	94
46) Methyl methacrylate	9.557	41	822691	93.871	ug/l	85
47) n-amyl Acetate	12.380	43	1249019	95.481	ug/l	95
48) t-1,3-Dichloropropene	10.716	75	1170189	110.206	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	1263805	109.615	ug/l #	87
50) 1,1,2-Trichloroethane	10.892	97	754264	105.746	ug/l	100
51) Ethyl methacrylate	10.757	69	1257831	105.223	ug/l	85
52) 1,3-Dichloropropane	11.039	76	1290212	101.561	ug/l	100
53) Dibromochloromethane	11.233	129	814083	110.161	ug/l	99
54) 1,2-Dibromoethane	11.339	107	793288	107.725	ug/l	96
55) 2-Chloroethyl vinyl ether	10.039	63	1803914	497.836	ug/l	98
56) Bromoform	12.451	173	646306	112.990	ug/l #	100
58) 4-Methyl-2-Pentanone	10.327	43	5363611	434.335	ug/l	92
59) 2-Hexanone	11.080	43	3948577	430.525	ug/l	91
61) Tetrachloroethene	10.974	164	665643	110.117	ug/l	93
62) Toluene	10.504	91	3348067	107.502	ug/l	97
64) Chlorobenzene	11.763	112	2096275	110.747	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.833	131	770951	109.803	ug/l	99
66) Ethyl Benzene	11.839	91	3787765	110.945	ug/l	96
67) m/p-Xylenes	11.945	106	2927155	225.469	ug/l	97
68) o-Xylene	12.274	106	1457342	112.375	ug/l	97
69) Styrene	12.286	104	2380827	116.462	ug/l	97
70) Isopropylbenzene	12.574	105	3688257	112.209	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.821	83	1151844	102.276	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	1036366m	100.156	ug/l	
73) Bromobenzene	12.857	156	895902	115.797	ug/l	96
74) n-propylbenzene	12.916	91	4151072	115.120	ug/l	97
75) 2-Chlorotoluene	13.004	91	2503412	110.557	ug/l	100
76) 1,3,5-Trimethylbenzene	13.057	105	2968182	113.427	ug/l	95
77) t-1,4-Dichloro-2-butene	12.621	75	386654	115.014	ug/l	93
78) 4-Chlorotoluene	13.098	91	2414581	114.879	ug/l	98
79) tert-butylbenzene	13.321	119	2705072	113.641	ug/l	93
80) 1,2,4-Trimethylbenzene	13.363	105	2934134m	116.366	ug/l	
81) sec-Butylbenzene	13.498	105	3707614	116.636	ug/l	97
82) p-Isopropyltoluene	13.610	119	3085413	120.920	ug/l	97
83) 1,3-Dichlorobenzene	13.610	146	1524874	121.057	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	1465503	121.837	ug/l	98
85) n-Butylbenzene	13.939	91	2416012	127.381	ug/l	95
86) Hexachloroethane	14.204	117	560504	114.990	ug/l	79
87) 1,2-Dichlorobenzene	13.980	146	1437062	117.195	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	220839	104.305	ug/l #	81
89) 1,2,4-Trichlorobenzene	15.257	180	749019	132.877	ug/l	97
90) Hexachlorobutadiene	15.362	225	384672	118.841	ug/l	99
91) Naphthalene	15.498	128	2239674	130.030	ug/l	99
92) 1,2,3-Trichlorobenzene	15.692	180	740322	129.100	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

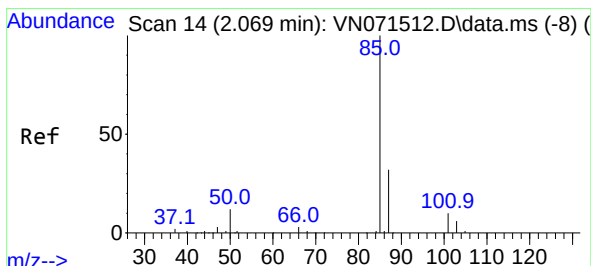
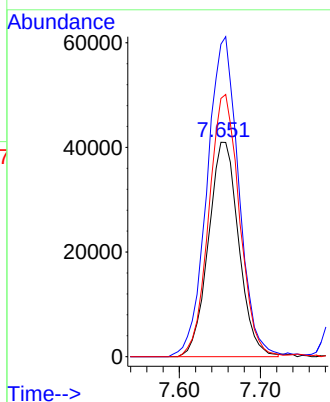
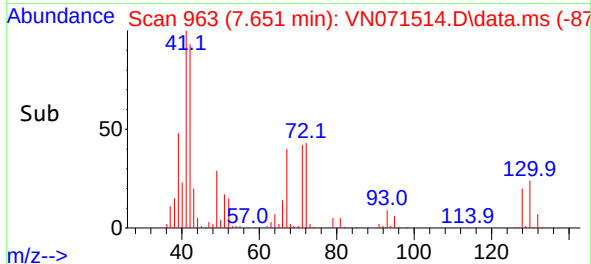
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



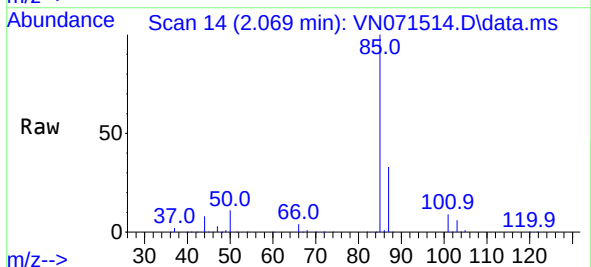
Tgt Ion:128 Resp: 106079
Ion Ratio Lower Upper
128 100
49 155.8 0.0 392.3
130 123.7 0.0 320.2

Manual Integrations
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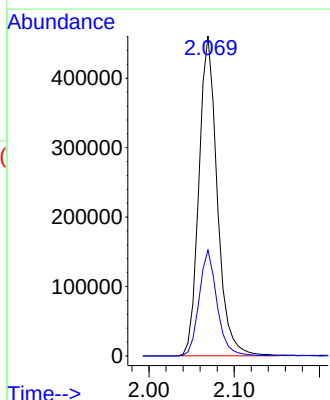
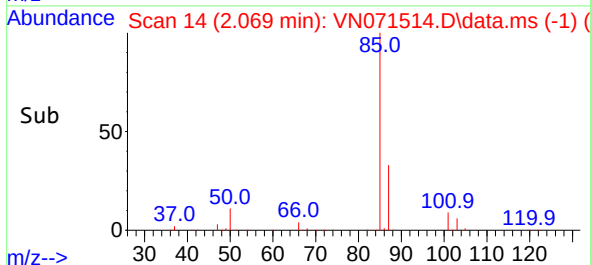
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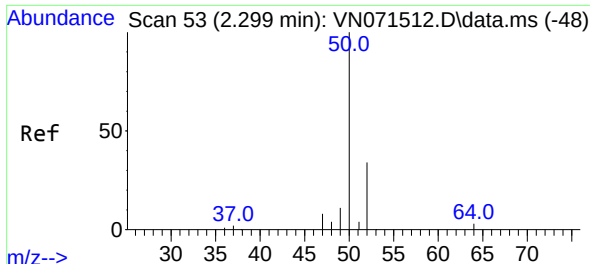


#2
Dichlorodifluoromethane
Concen: 100.582 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



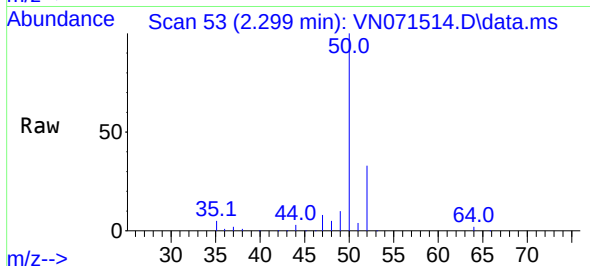
Tgt Ion: 85 Resp: 687303
Ion Ratio Lower Upper
85 100
87 33.1 16.6 49.7





#3
Chloromethane
Concen: 88.262 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

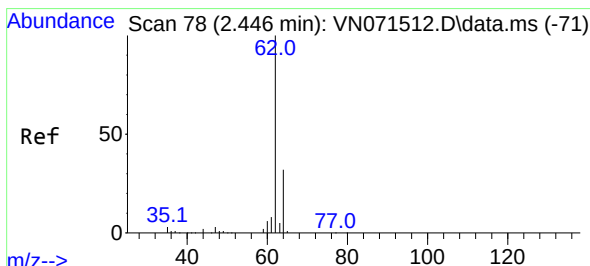
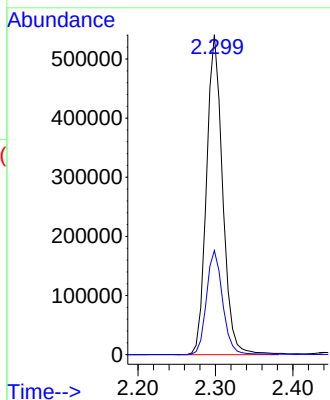
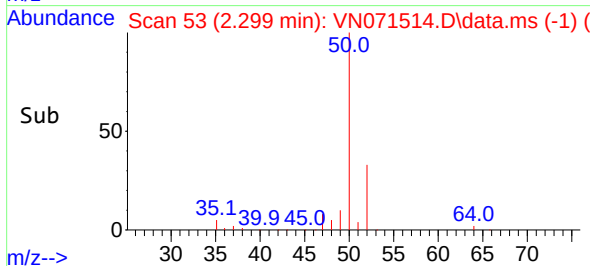
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



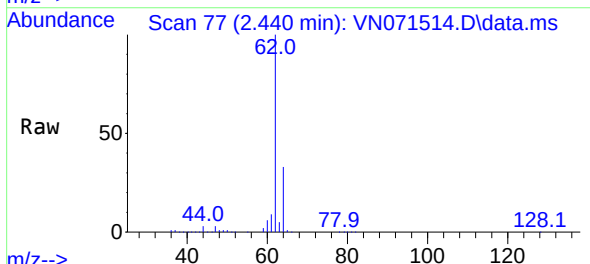
Tgt Ion: 50 Resp: 78161
Ion Ratio Lower Upper
50 100
52 32.5 27.8 41.6

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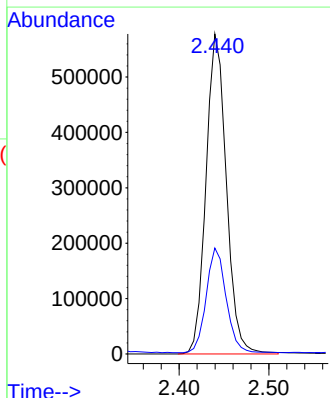
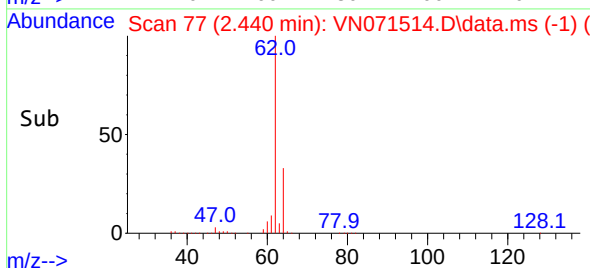
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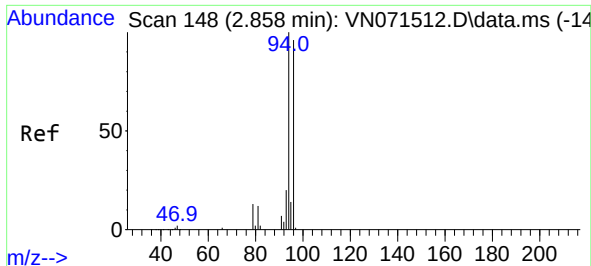


#4
Vinyl Chloride
Concen: 107.551 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



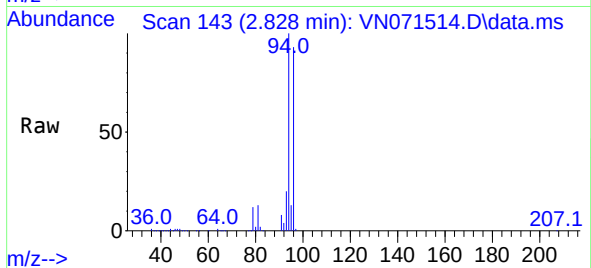
Tgt Ion: 62 Resp: 909975
Ion Ratio Lower Upper
62 100
64 32.7 25.1 37.7





#5
Bromomethane
Concen: 126.124 ug/l
RT: 2.828 min Scan# 148
Delta R.T. -0.030 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

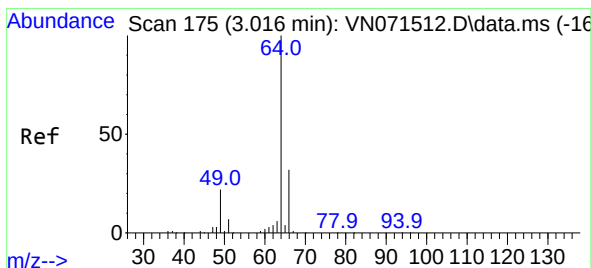
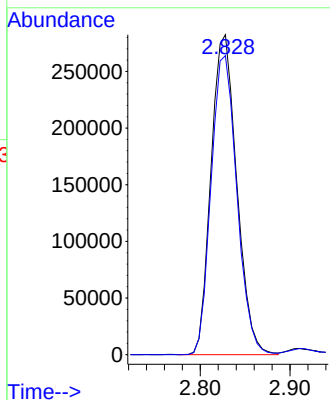
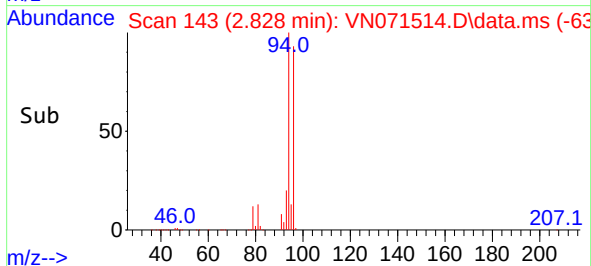
Instrument :
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ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 562920
Ion Ratio Lower Upper
94 100
96 93.5 75.2 112.8

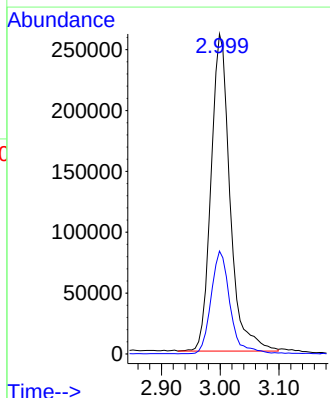
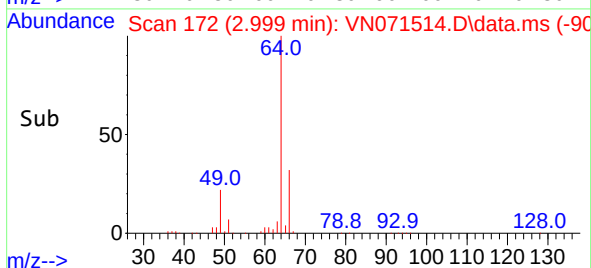
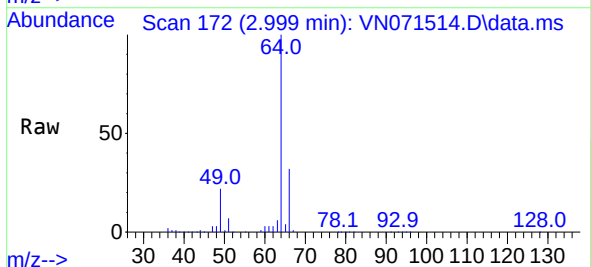
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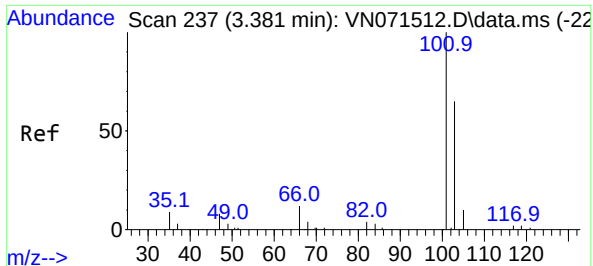
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#6
Chloroethane
Concen: 112.610 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.018 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

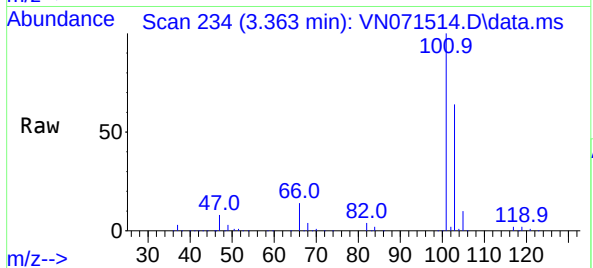
Tgt Ion: 64 Resp: 584557
Ion Ratio Lower Upper
64 100
66 32.4 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 100.175 ug/l
 RT: 3.363 min Scan# 210
 Delta R.T. -0.018 min
 Lab File: VN071514.D
 Acq: 24 Mar 2022 11:17

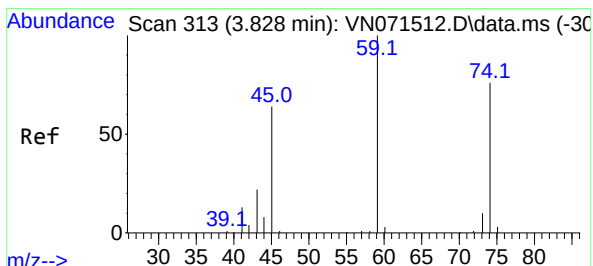
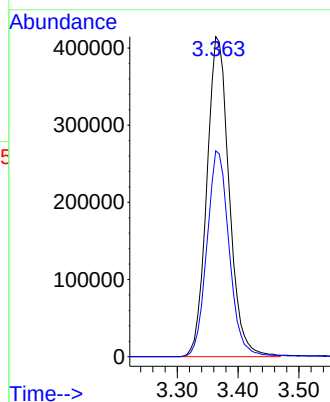
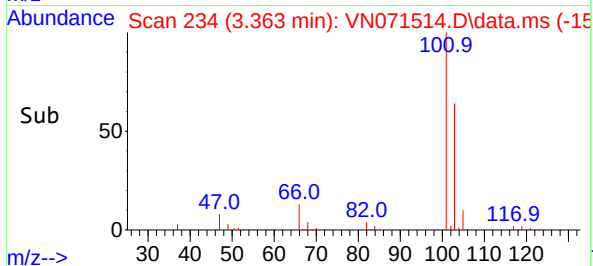
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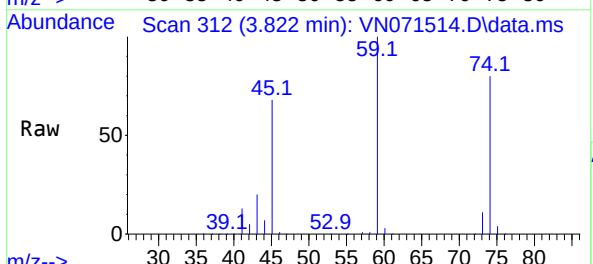
Tgt Ion:101 Resp: 105577
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.1 75.1

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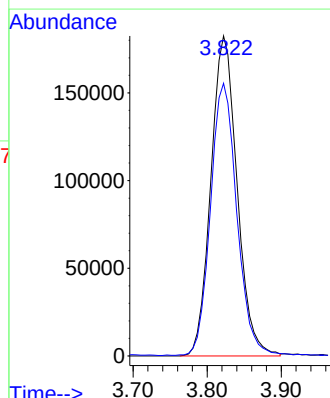
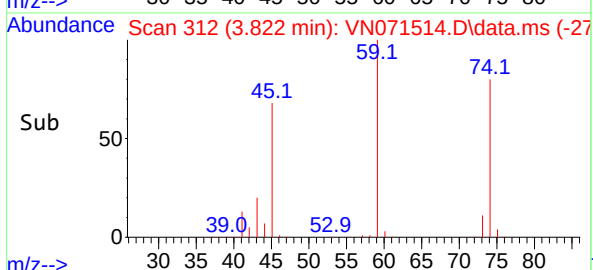
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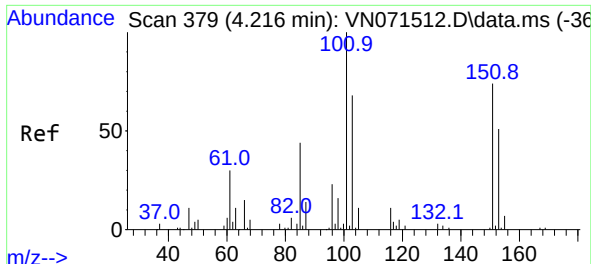


#8
 Diethyl Ether
 Concen: 98.029 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. -0.006 min
 Lab File: VN071514.D
 Acq: 24 Mar 2022 11:17



Tgt Ion: 74 Resp: 448468
 Ion Ratio Lower Upper
 74 100
 45 85.6 17.6 158.8





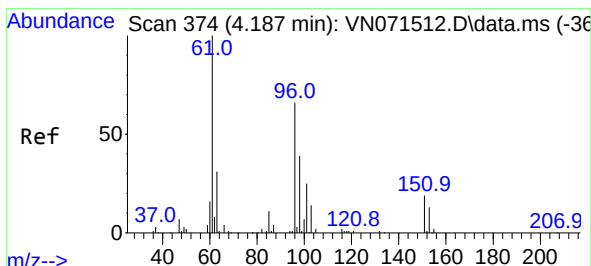
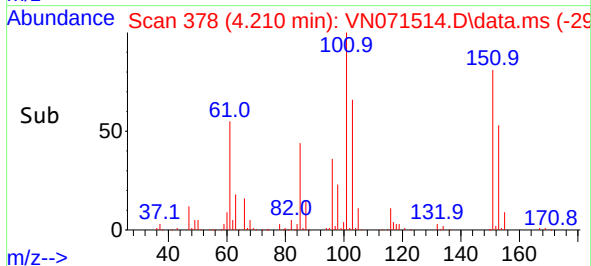
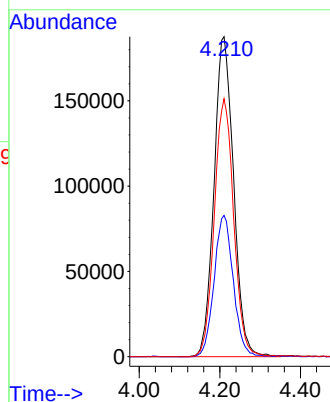
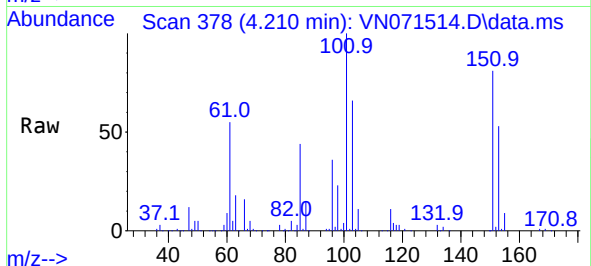
#9
1,1,2-Trichlorotrifluoroethane
Concen: 104.882 ug/l m
RT: 4.210 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 632789
Ion Ratio Lower Upper
101 100
85 0.0 0.0 94.0
151 0.1 0.0 74.6

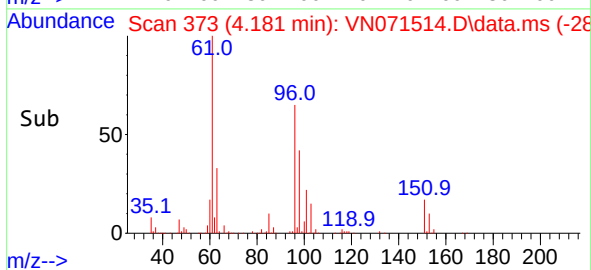
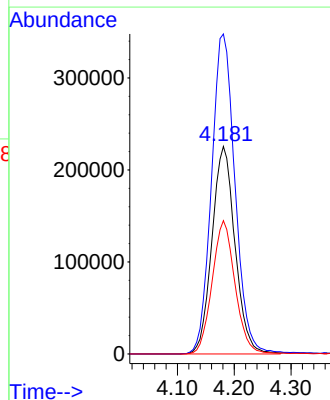
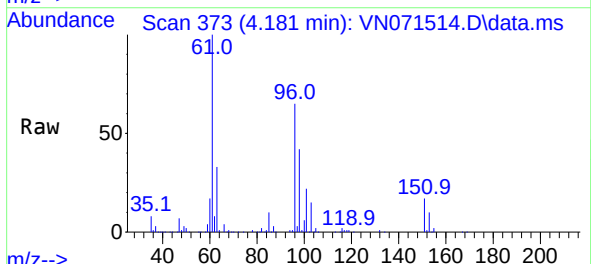
Manual Integrations
APPROVED

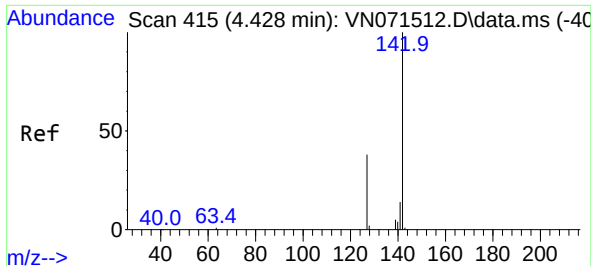
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#10
1,1-Dichloroethene
Concen: 104.679 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

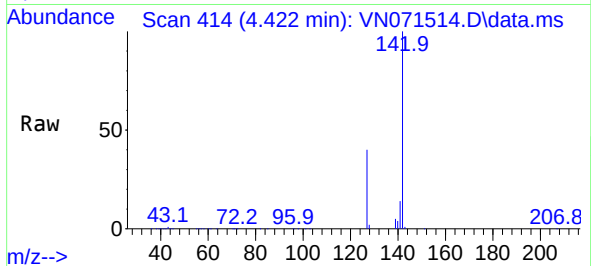
Tgt Ion: 96 Resp: 636404
Ion Ratio Lower Upper
96 100
61 154.2 126.2 189.4
98 64.2 50.9 76.3





#11
Methyl Iodide
Concen: 113.428 ug/l
RT: 4.422 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

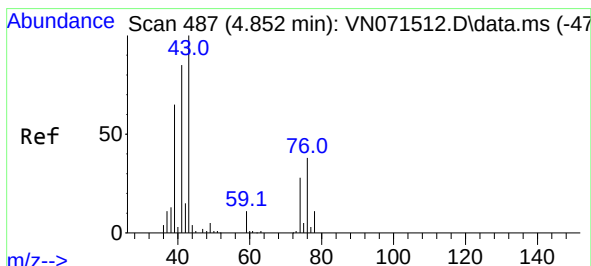
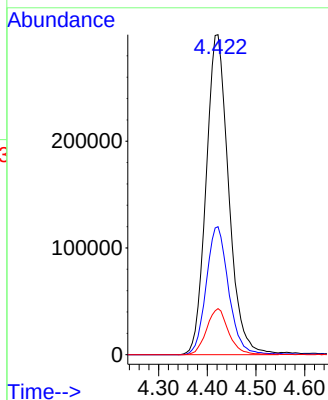
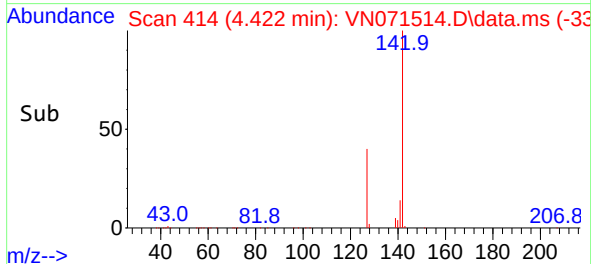
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



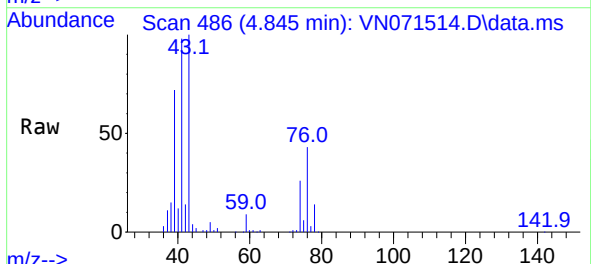
Tgt Ion:142 Resp: 964320
Ion Ratio Lower Upper
142 100
127 40.0 24.0 72.0
141 14.4 8.4 25.2

Manual Integrations
APPROVED

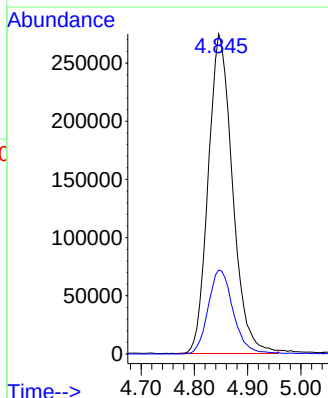
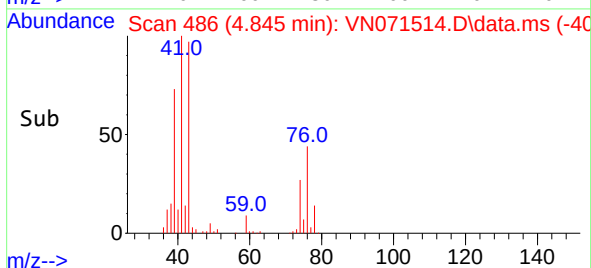
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

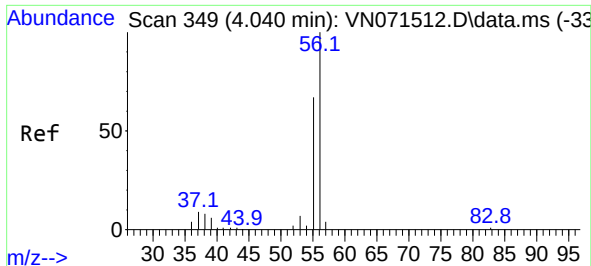


#12
Methyl Acetate
Concen: 78.909 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



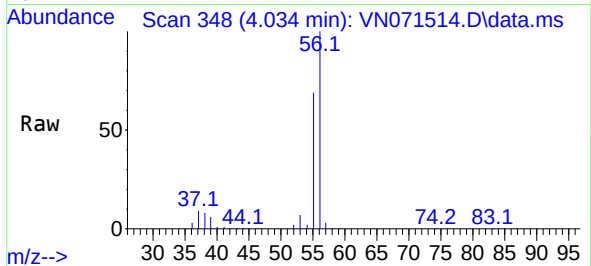
Tgt Ion: 43 Resp: 870713
Ion Ratio Lower Upper
43 100
74 26.1 20.8 31.2





#13
Acrolein
Concen: 336.280 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

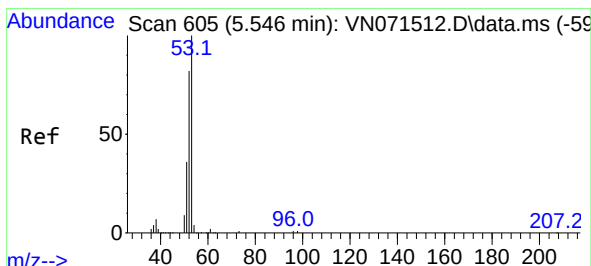
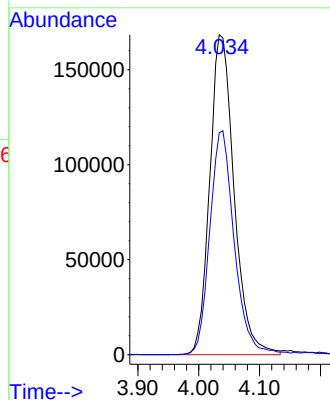
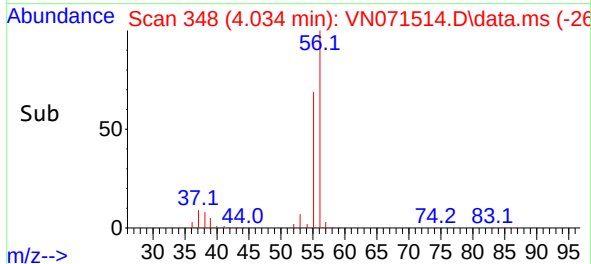
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



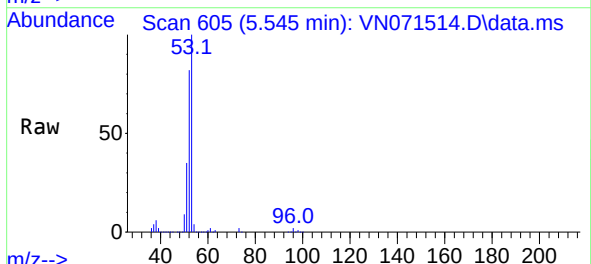
Tgt Ion: 56 Resp: 468330
Ion Ratio Lower Upper
56 100
55 70.3 57.6 86.4

Manual Integrations
APPROVED

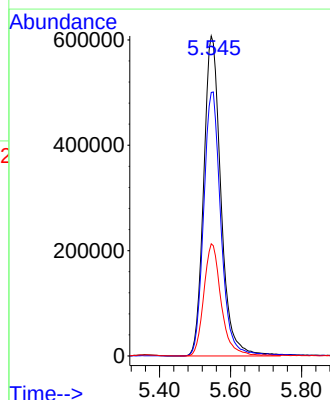
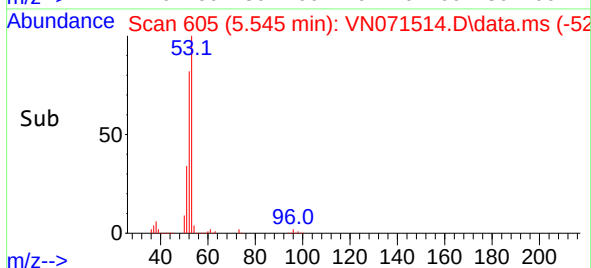
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

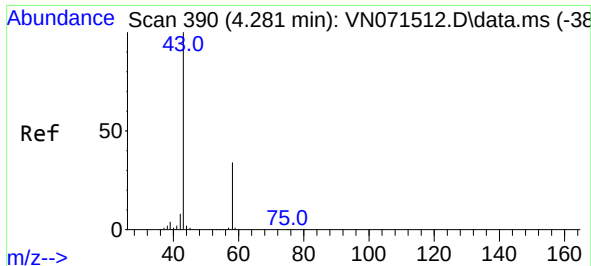


#14
Acrylonitrile
Concen: 441.537 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



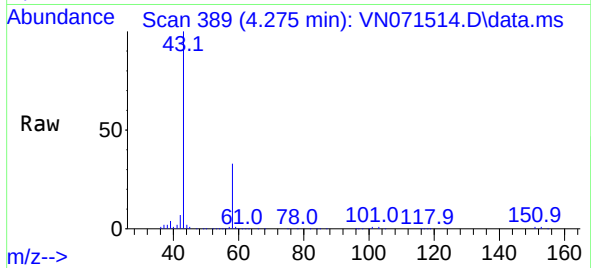
Tgt Ion: 53 Resp: 2054562
Ion Ratio Lower Upper
53 100
52 81.9 41.8 125.4
51 35.0 19.0 57.0





#15
Acetone
Concen: 444.093 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

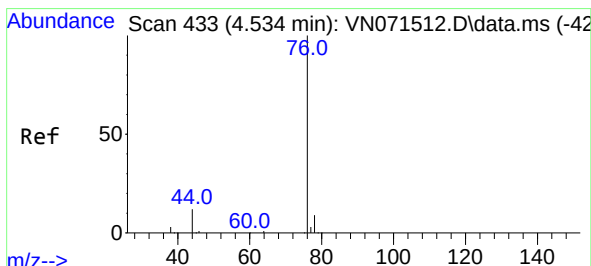
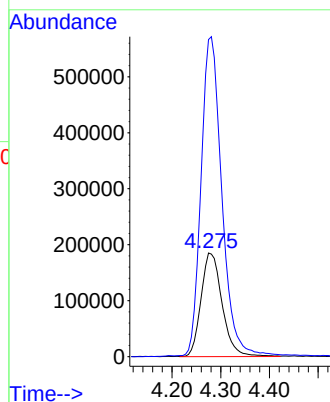
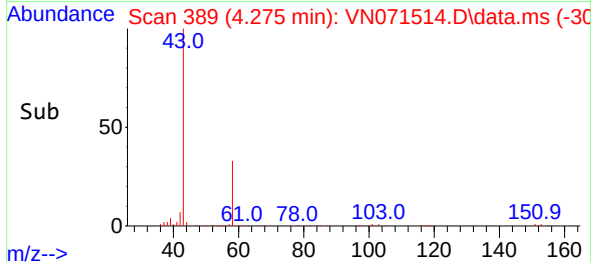
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



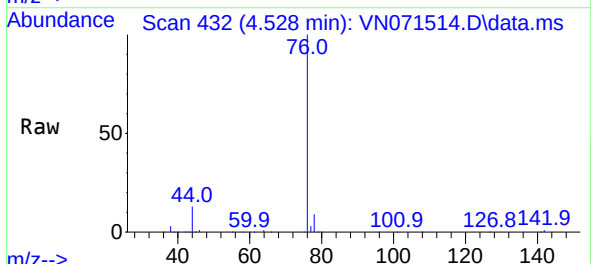
Tgt Ion: 58 Resp: 557798
Ion Ratio Lower Upper
58 100
43 305.1 256.6 384.8

Manual Integrations
APPROVED

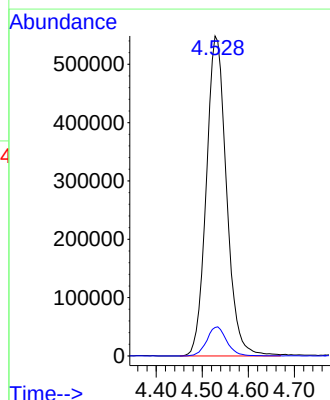
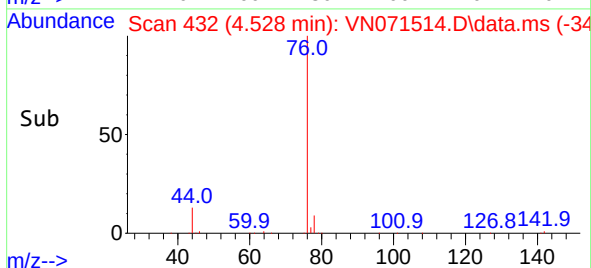
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

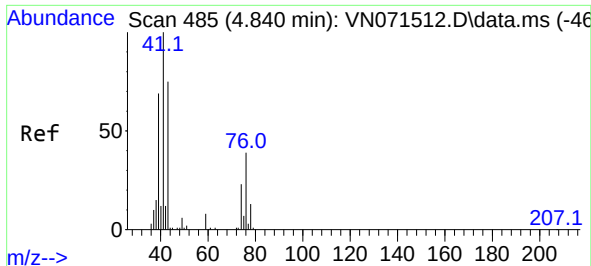


#16
Carbon Disulfide
Concen: 102.494 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



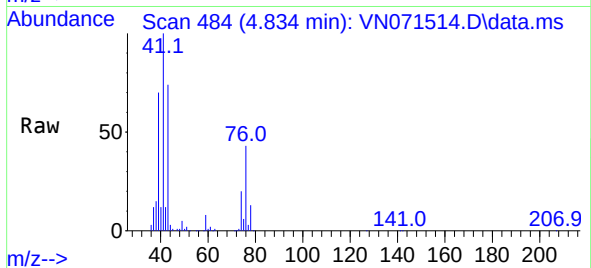
Tgt Ion: 76 Resp: 1675422
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8





#17
 Allyl chloride
 Concen: 86.560 ug/l
 RT: 4.834 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN071514.D
 Acq: 24 Mar 2022 11:17

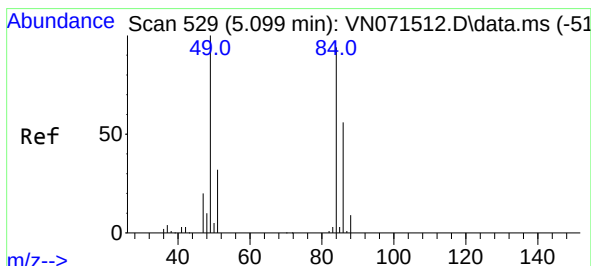
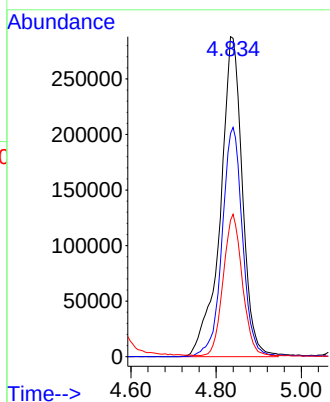
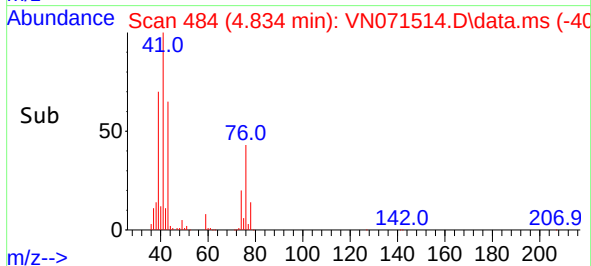
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 41 Resp: 103640
 Ion Ratio Lower Upper
 41 100
 39 69.7 44.6 134.0
 76 42.3 19.6 58.7

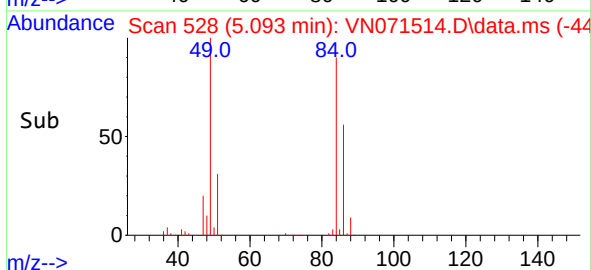
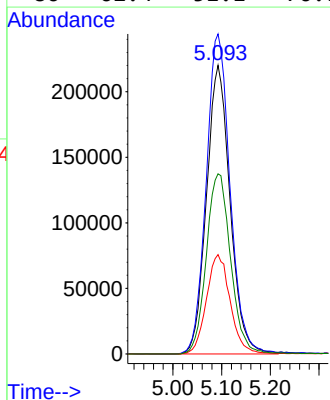
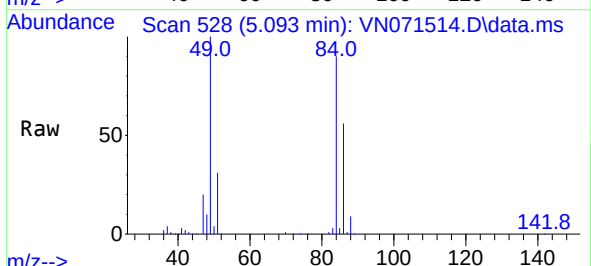
Manual Integrations
 APPROVED

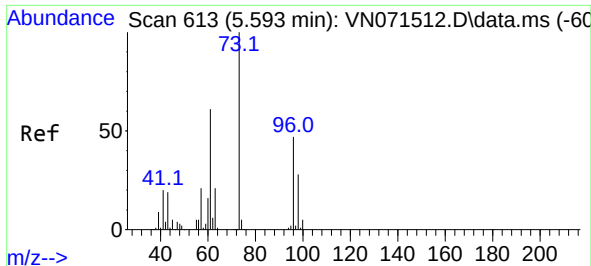
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#18
 Methylene Chloride
 Concen: 100.362 ug/l
 RT: 5.093 min Scan# 528
 Delta R.T. -0.006 min
 Lab File: VN071514.D
 Acq: 24 Mar 2022 11:17

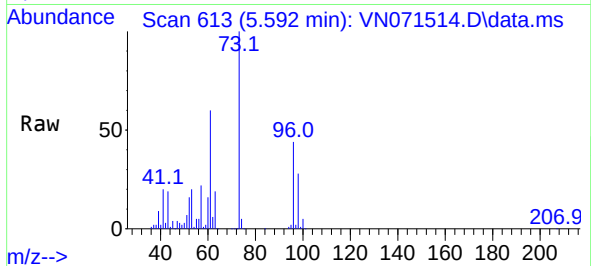
Tgt Ion: 84 Resp: 740999
 Ion Ratio Lower Upper
 84 100
 49 110.7 91.4 137.0
 51 34.4 29.4 44.0
 86 62.4 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 105.257 ug/l
RT: 5.592 min Scan# 613
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

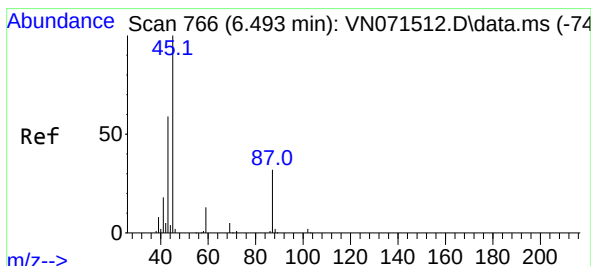
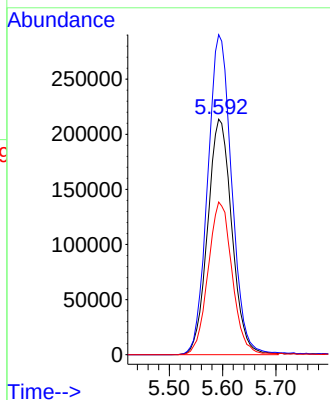
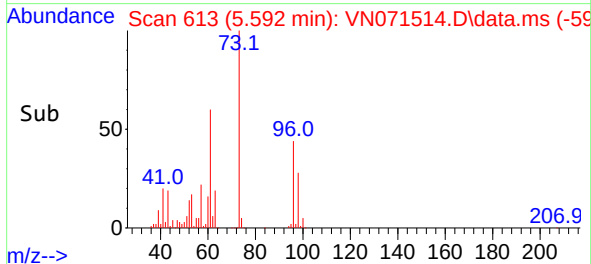
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



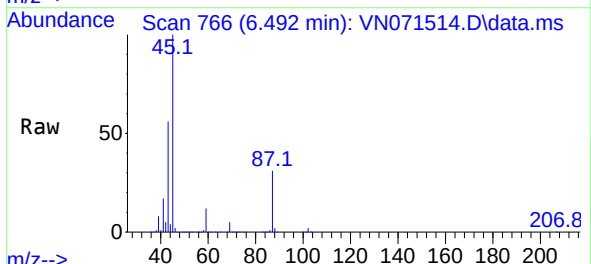
Tgt Ion: 96 Resp: 67476
Ion Ratio Lower Upper
96 100
61 135.8 102.8 154.2
98 64.8 49.3 73.9

Manual Integrations
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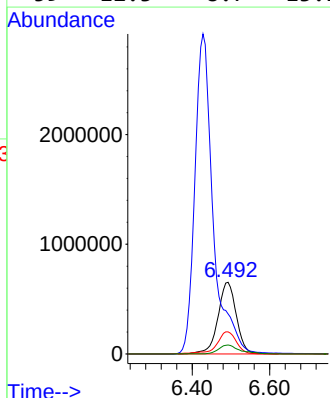
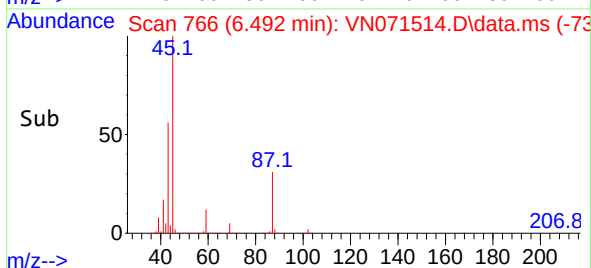
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

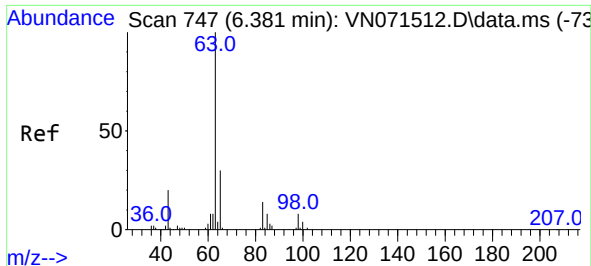


#20
Diisopropyl ether
Concen: 87.856 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



Tgt Ion: 45 Resp: 2151536
Ion Ratio Lower Upper
45 100
43 55.1 51.0 76.4
87 30.8 25.0 37.4
59 12.3 8.7 13.1





#21

1,1-Dichloroethane

Concen: 97.256 ug/l

RT: 6.381 min Scan# 747

Delta R.T. -0.000 min

Lab File: VN071514.D

Acq: 24 Mar 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 1281278

Ion Ratio Lower Upper

63 100

98 7.7 3.2 9.6

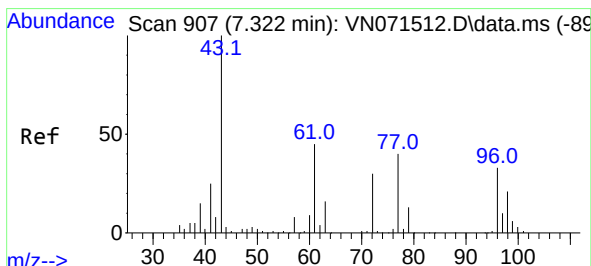
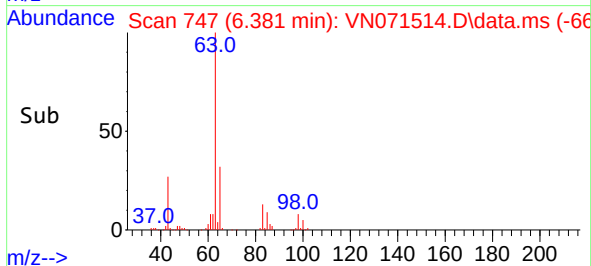
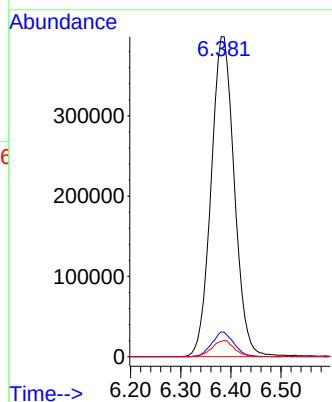
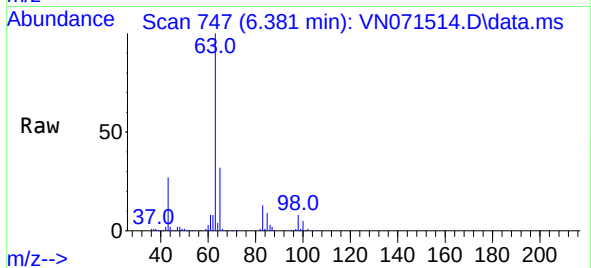
100 4.8 2.1 6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#22

cis-1,2-Dichloroethene

Concen: 105.532 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071514.D

Acq: 24 Mar 2022 11:17

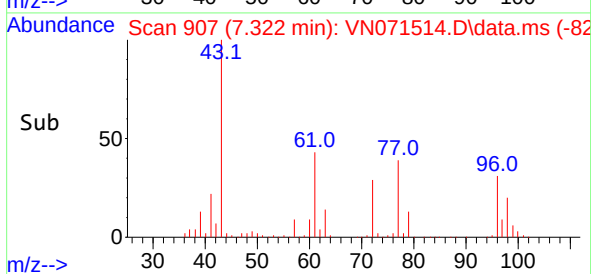
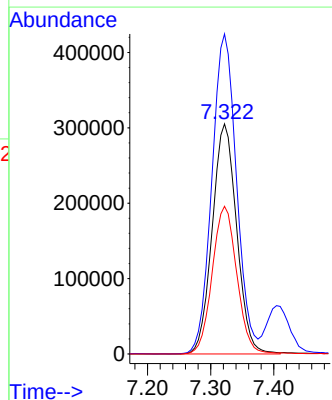
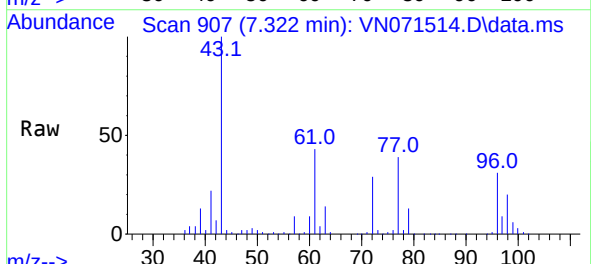
Tgt Ion: 96 Resp: 821420

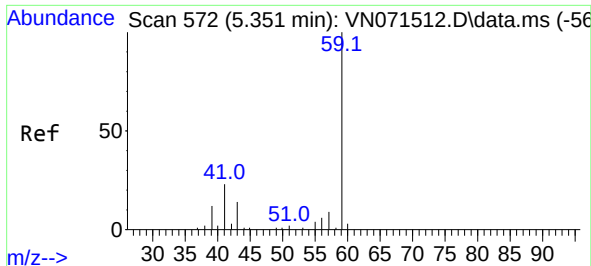
Ion Ratio Lower Upper

96 100

61 140.2 115.7 173.5

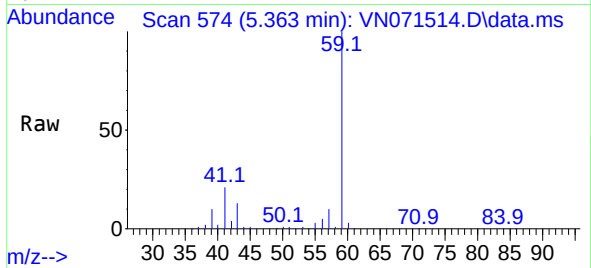
98 64.5 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 443.390 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

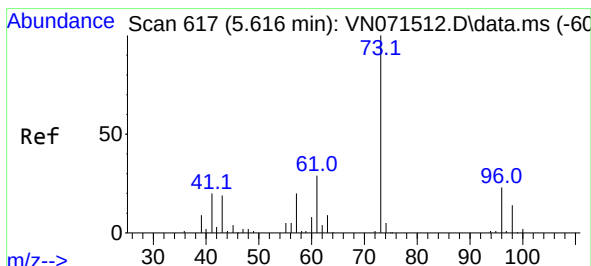
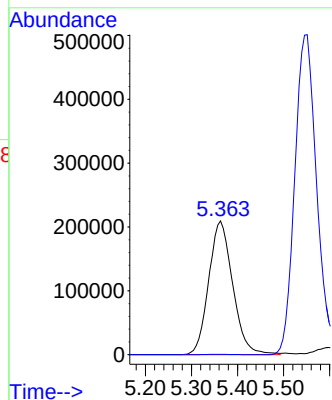
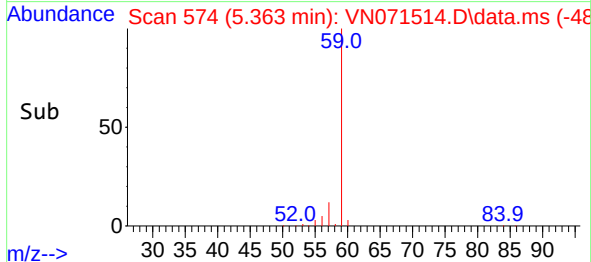
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 59 Resp: 757972
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

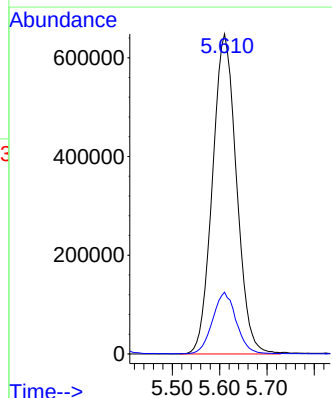
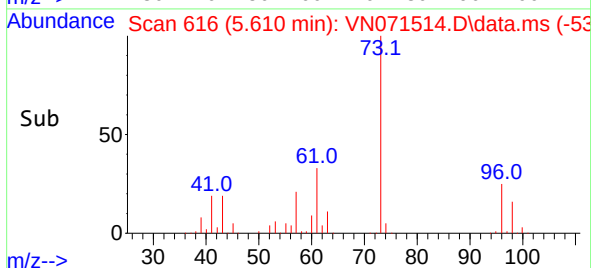
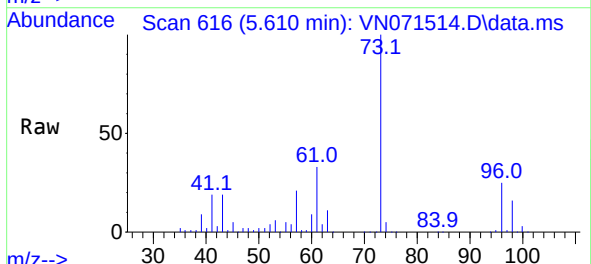
Manual Integrations
APPROVED

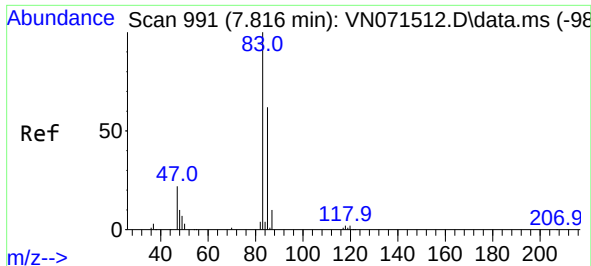
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#24
Methyl tert-Butyl Ether
Concen: 99.412 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

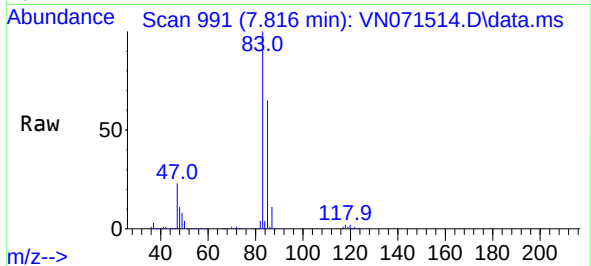
Tgt Ion: 73 Resp: 2285832
Ion Ratio Lower Upper
73 100
43 18.8 18.1 27.1





#25
Chloroform
Concen: 100.584 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

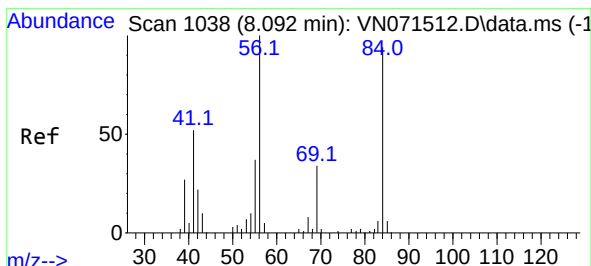
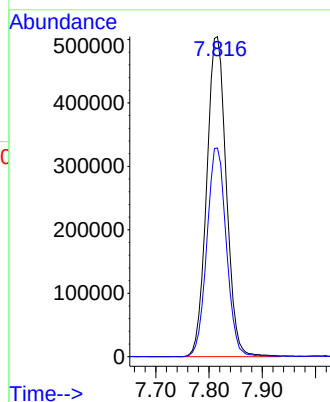
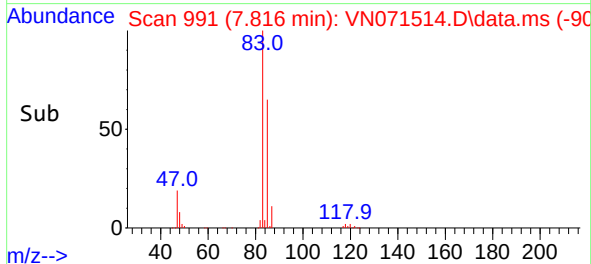
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



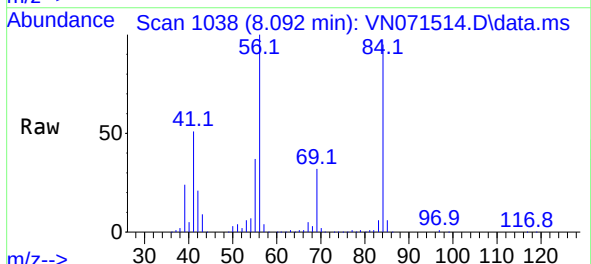
Tgt Ion: 83 Resp: 1287218
Ion Ratio Lower Upper
83 100
85 65.2 51.3 76.9

Manual Integrations
APPROVED

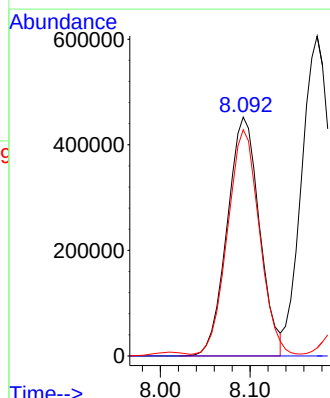
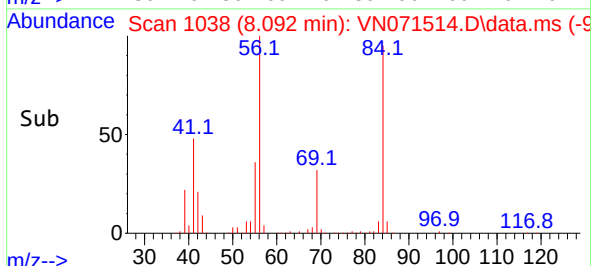
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

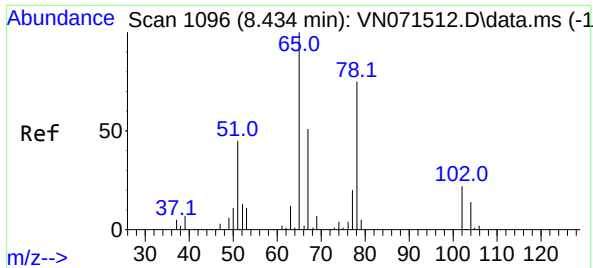


#26
Cyclohexane
Concen: 95.336 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



Tgt Ion: 56 Resp: 1132265
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 94.5 74.6 111.8





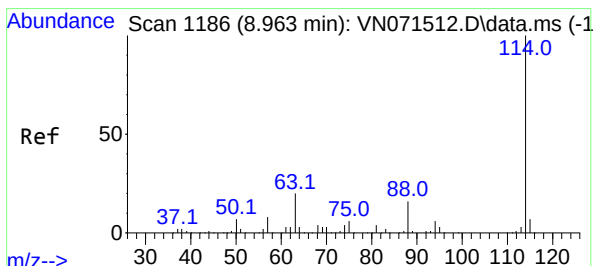
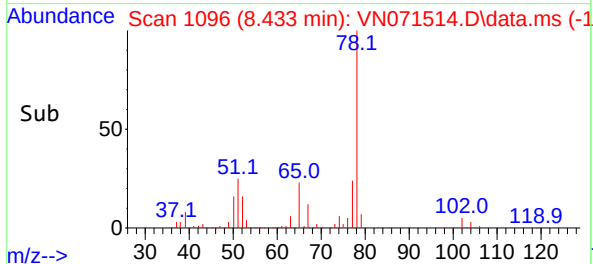
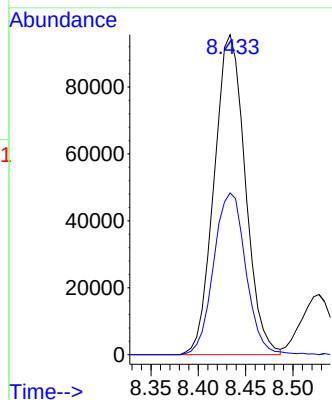
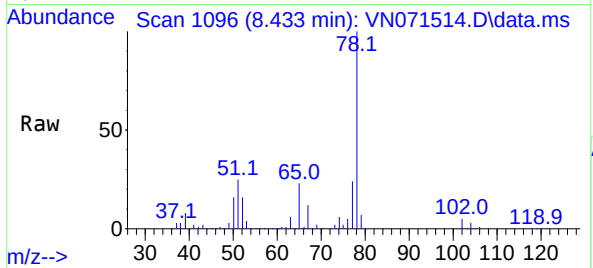
#27
1,2-Dichloroethane-d4
Concen: 26.490 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 65 Resp: 21842
Ion Ratio Lower Upper
65 100
67 52.1 40.2 60.2

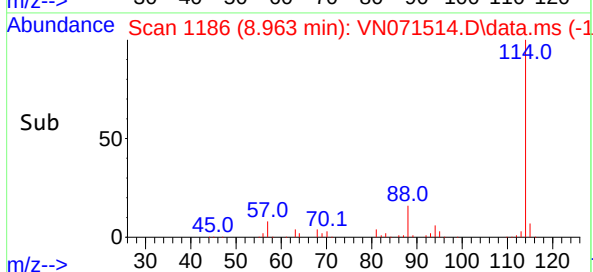
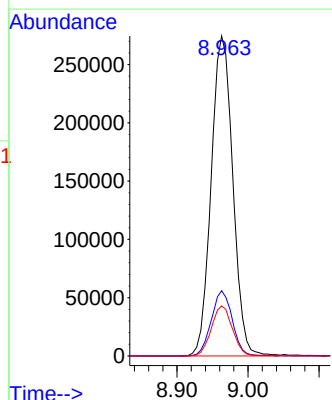
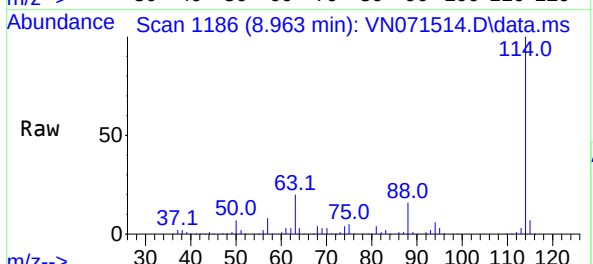
Manual Integrations
APPROVED

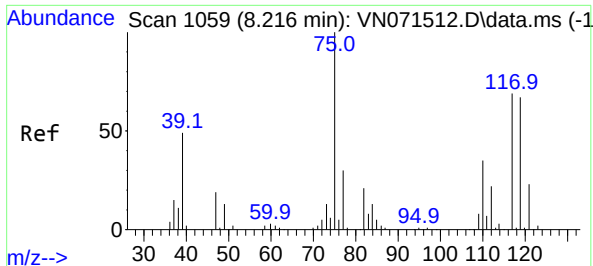
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Tgt Ion:114 Resp: 580541
Ion Ratio Lower Upper
114 100
63 19.8 15.8 23.6
88 15.2 11.6 17.4





#29
1,1-Dichloropropene
Concen: 106.568 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

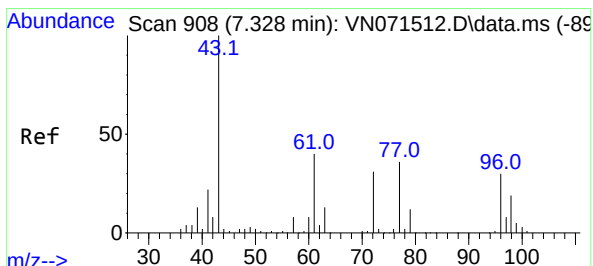
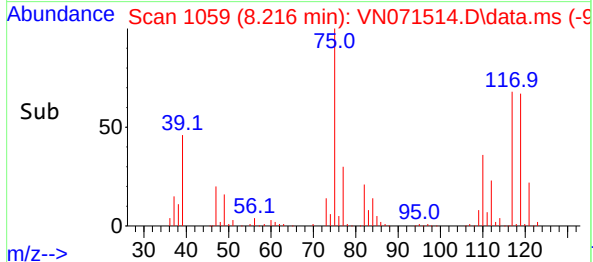
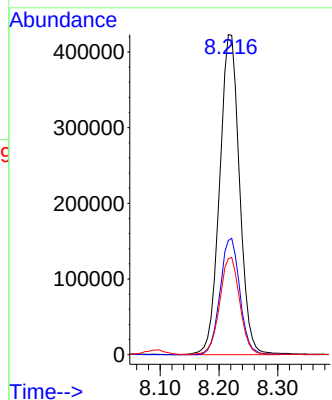
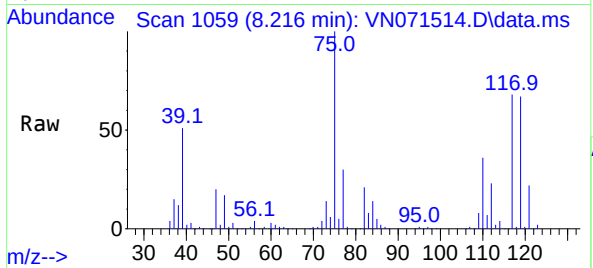
VSTDICC100

Tgt Ion: 75 Resp: 994518
Ion Ratio Lower Upper
75 100
110 36.0 0.0 74.2
77 30.4 0.0 63.2

Manual Integrations

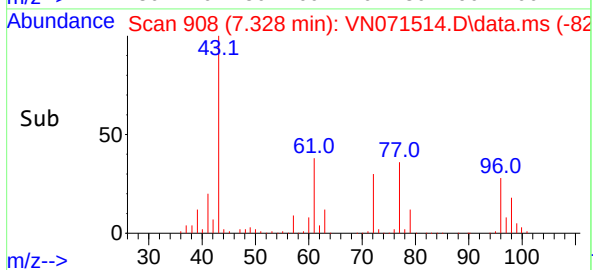
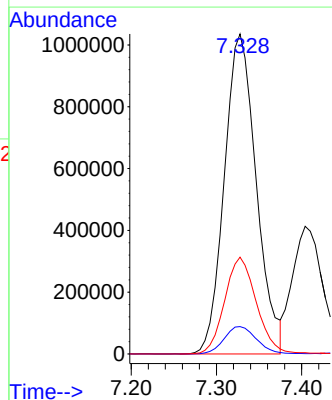
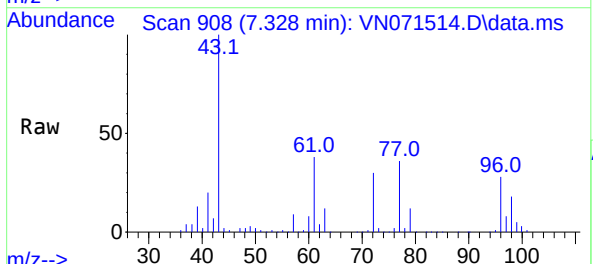
APPROVED

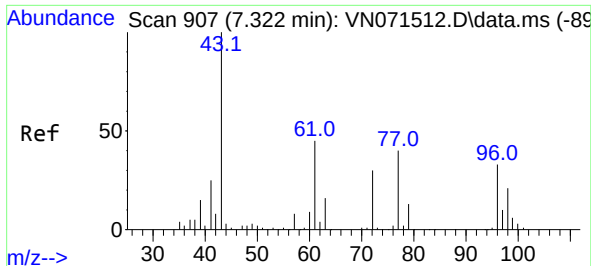
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#30
2-Butanone
Concen: 426.272 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Tgt Ion: 43 Resp: 2702346
Ion Ratio Lower Upper
43 100
57 8.7 6.7 10.1
72 30.0 23.2 34.8





#31
2,2-Dichloropropane
Concen: 123.345 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

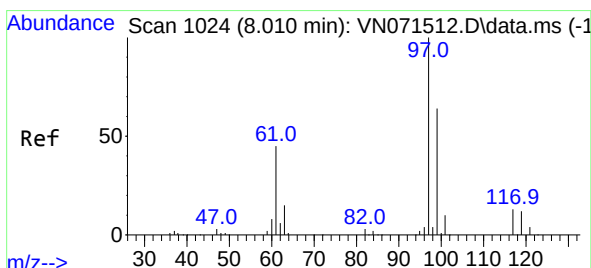
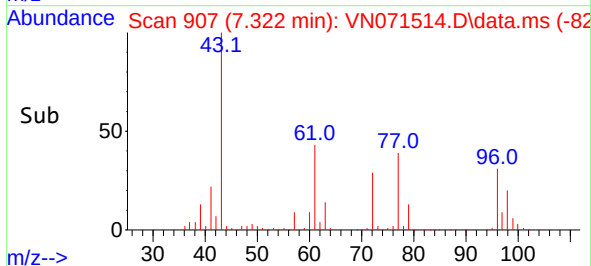
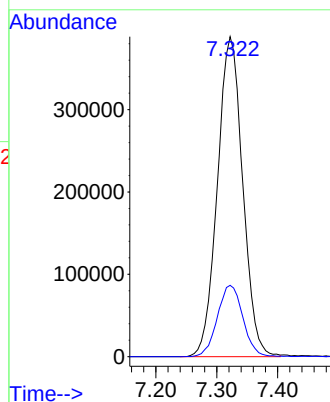
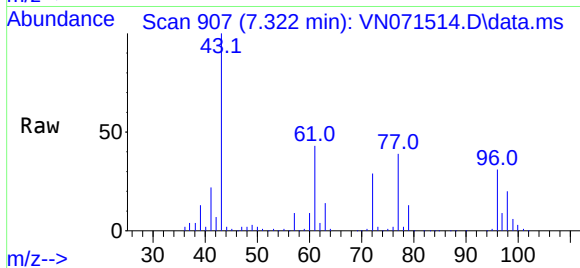
VSTDICC100

Tgt Ion: 77 Resp: 1120879
Ion Ratio Lower Upper
77 100
97 22.5 18.3 27.5

Manual Integrations

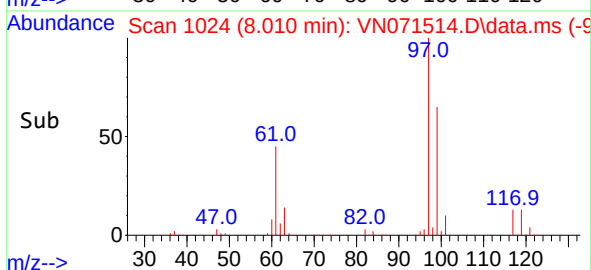
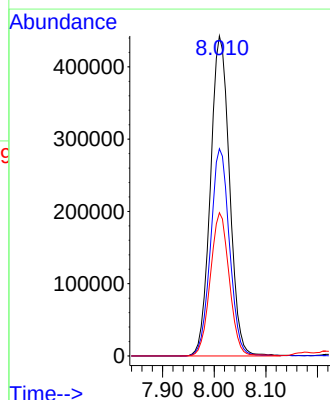
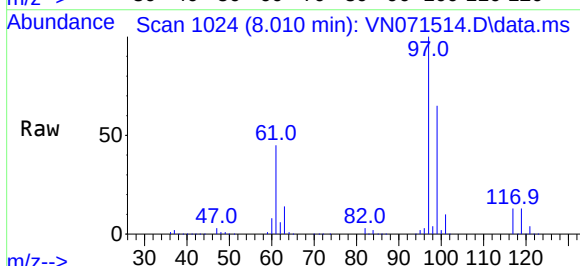
APPROVED

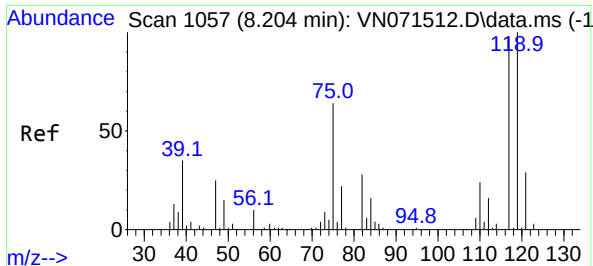
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#32
1,1,1-Trichloroethane
Concen: 104.539 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

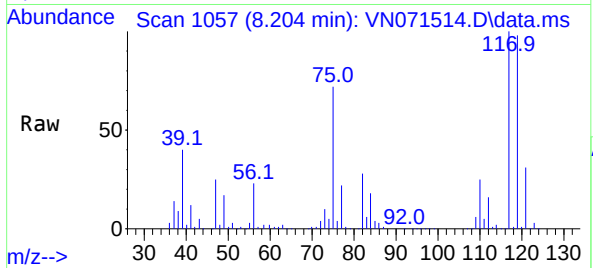
Tgt Ion: 97 Resp: 1134915
Ion Ratio Lower Upper
97 100
99 64.2 50.4 75.6
61 44.6 34.6 51.8





#33
Carbon Tetrachloride
Concen: 104.761 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

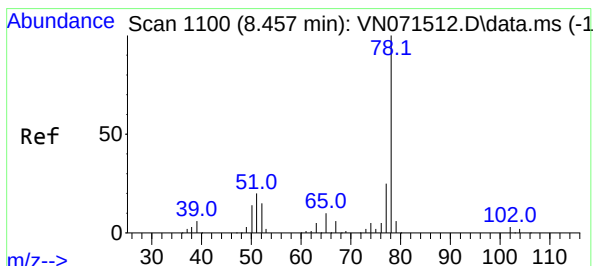
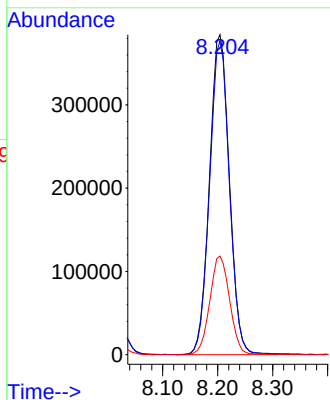
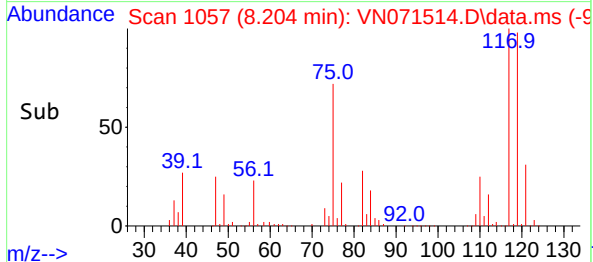
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



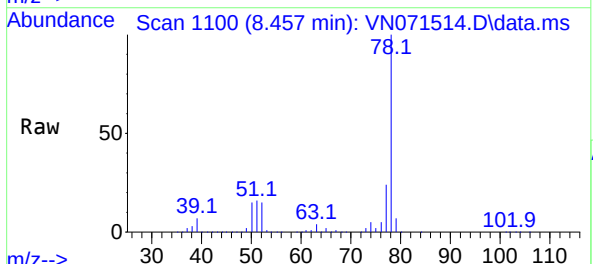
Tgt Ion:117 Resp: 967958
Ion Ratio Lower Upper
117 100
119 98.0 77.5 116.3
121 30.8 23.5 35.3

Manual Integrations
APPROVED

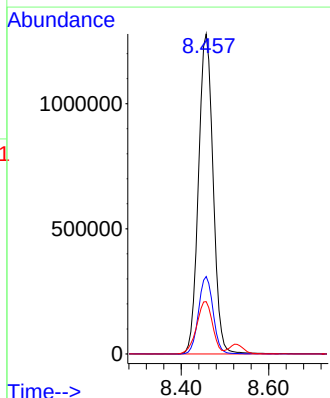
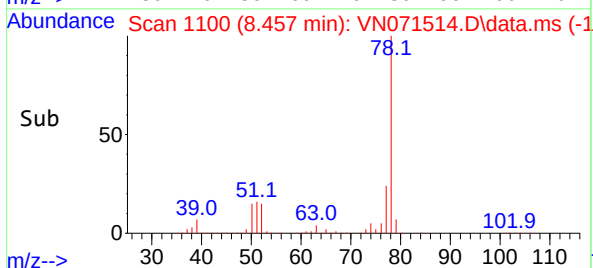
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

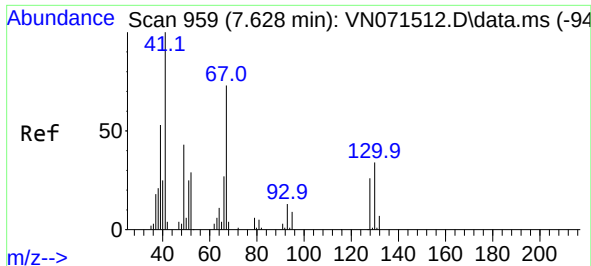


#34
Benzene
Concen: 103.206 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



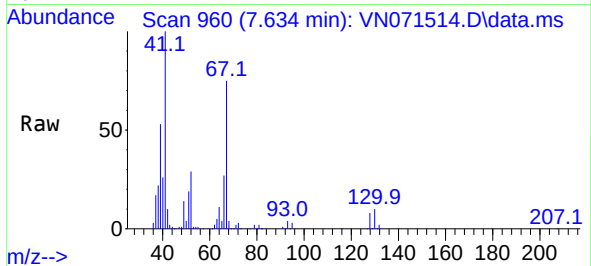
Tgt Ion: 78 Resp: 2984377
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7
51 16.3 16.0 24.0





#35
Methacrylonitrile
Concen: 84.044 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

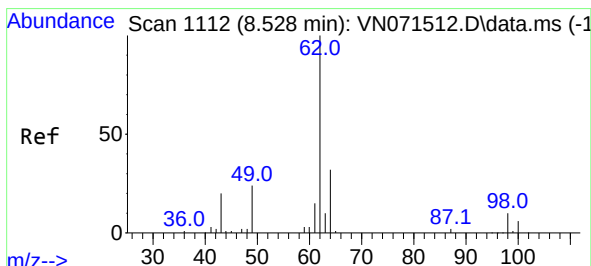
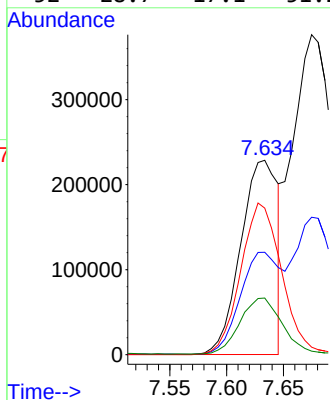
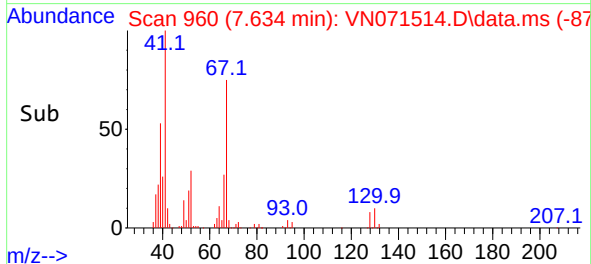
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 51689
Ion Ratio Lower Upper
41 100
39 52.6 28.0 83.9
67 75.5 37.7 113.1
52 28.7 17.1 51.2

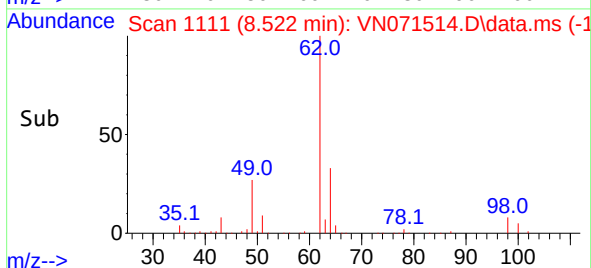
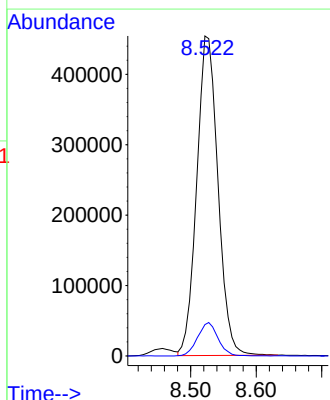
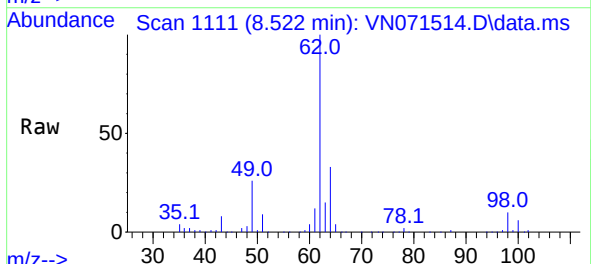
Manual Integrations
APPROVED

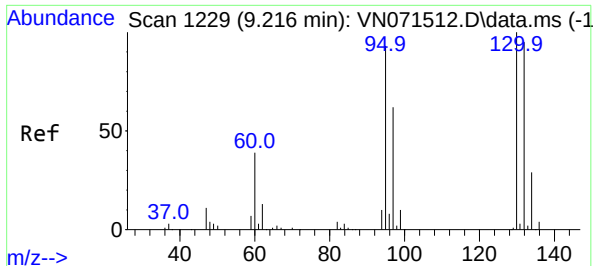
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#36
1,2-Dichloroethane
Concen: 99.656 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Tgt Ion: 62 Resp: 1022960
Ion Ratio Lower Upper
62 100
98 10.1 6.6 10.0#





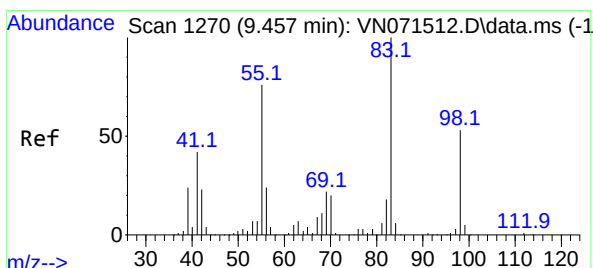
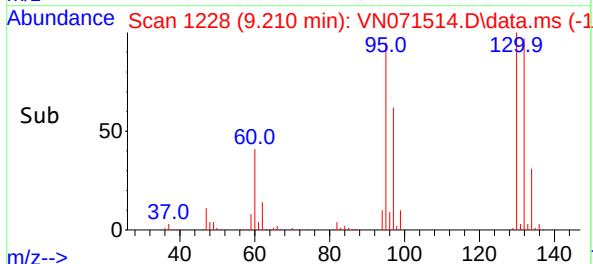
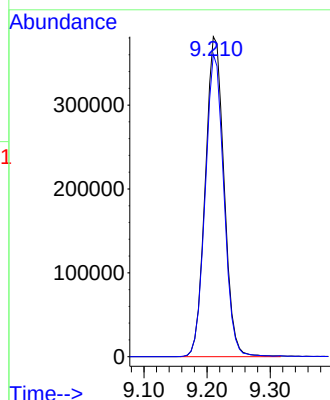
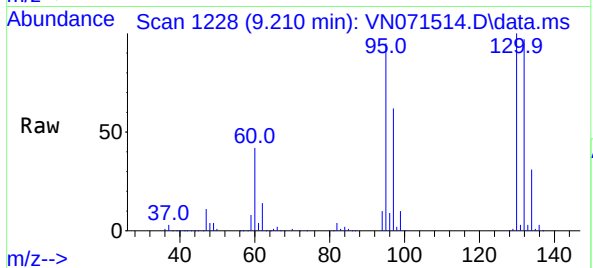
#37
Trichloroethene
Concen: 112.371 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:130 Resp: 787515
Ion Ratio Lower Upper
130 100
95 94.5 76.6 115.0

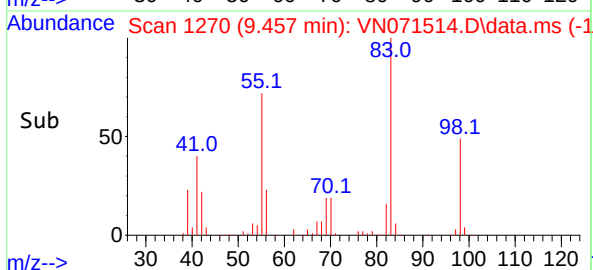
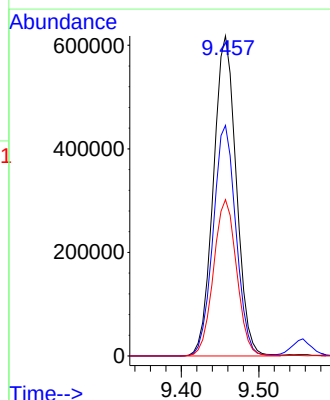
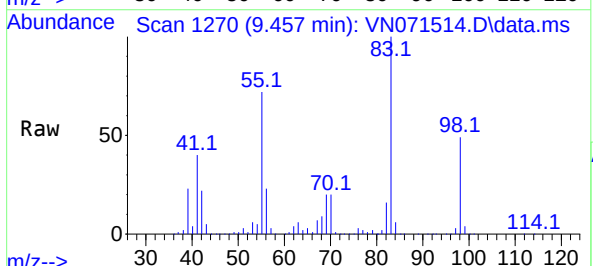
Manual Integrations
APPROVED

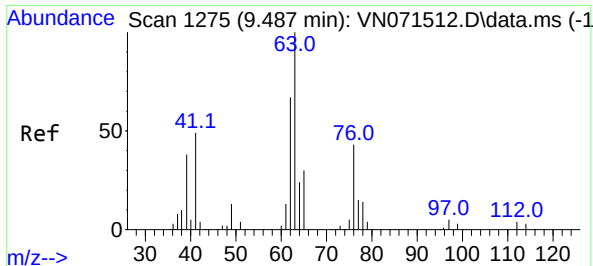
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#38
Methylcyclohexane
Concen: 111.813 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

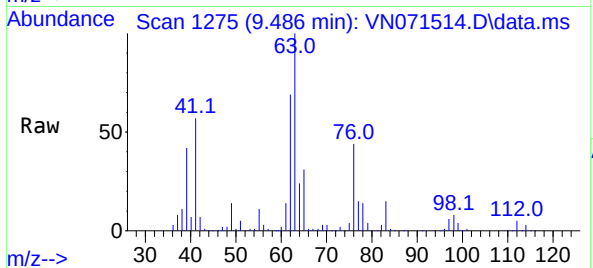
Tgt Ion: 83 Resp: 1268468
Ion Ratio Lower Upper
83 100
55 71.8 35.1 105.3
98 49.5 23.4 70.2





#39
1,2-Dichloropropane
Concen: 99.078 ug/l
RT: 9.486 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

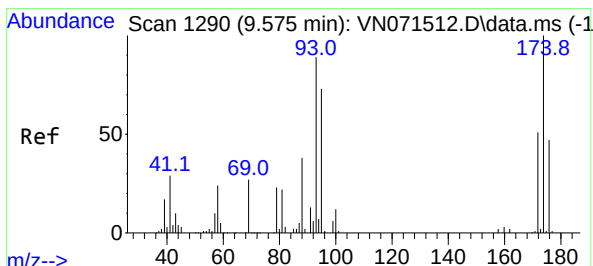
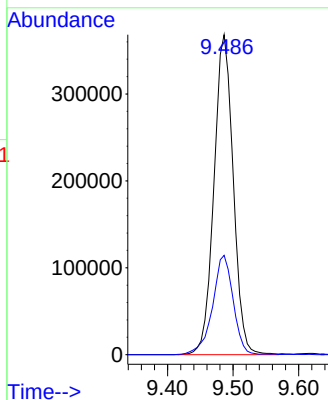
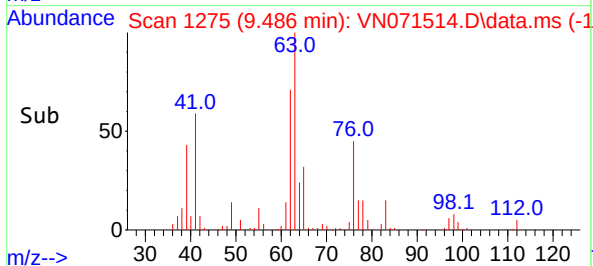
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



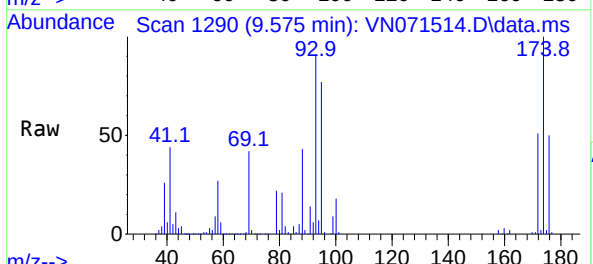
Tgt Ion: 63 Resp: 75029
Ion Ratio Lower Upper
63 100
65 31.0 24.2 36.4

Manual Integrations
APPROVED

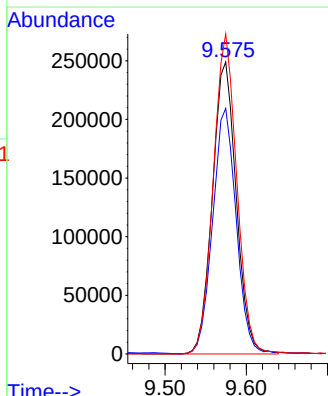
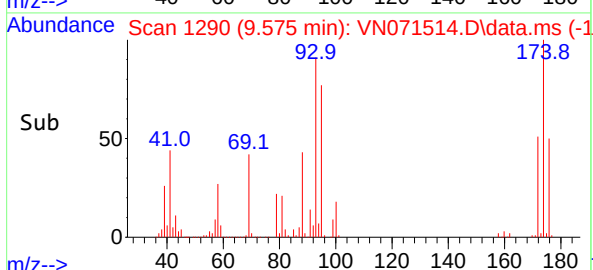
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

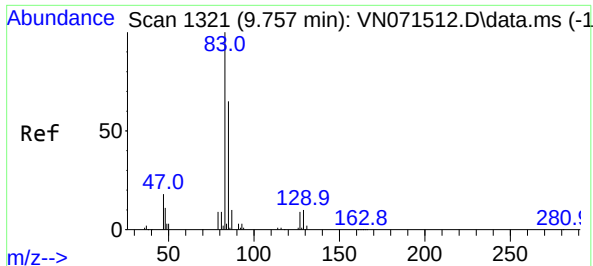


#40
Dibromomethane
Concen: 104.653 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



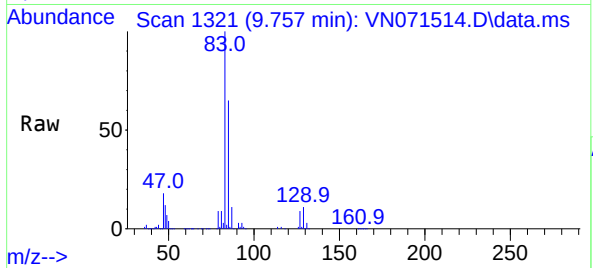
Tgt Ion: 93 Resp: 508344
Ion Ratio Lower Upper
93 100
95 83.0 0.0 168.8
174 108.1 0.0 173.6





#41
Bromodichloromethane
Concen: 105.783 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

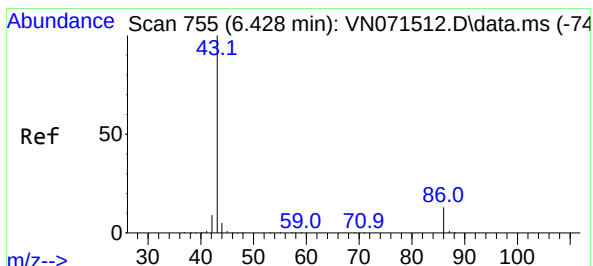
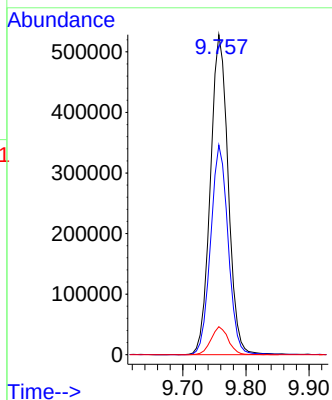
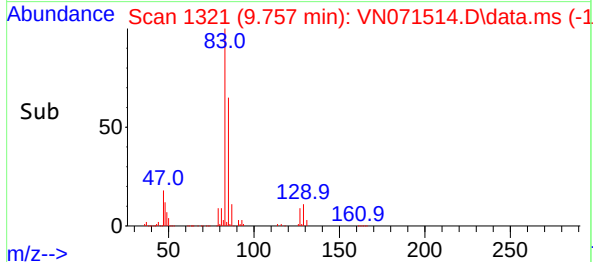
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



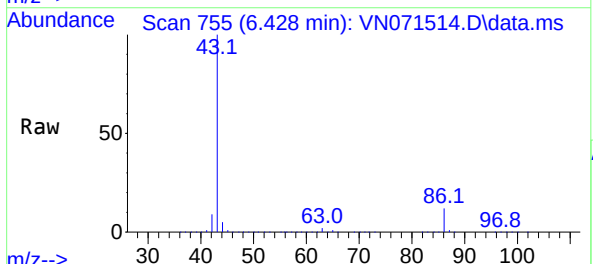
Tgt Ion: 83 Resp: 1032998
Ion Ratio Lower Upper
83 100
85 65.5 54.1 81.1
127 8.8 7.6 11.4

Manual Integrations
APPROVED

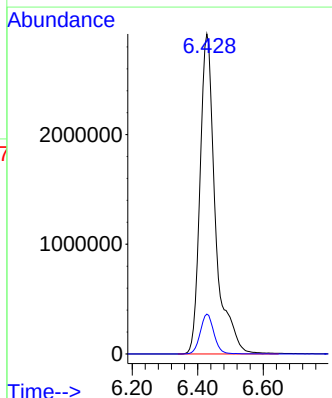
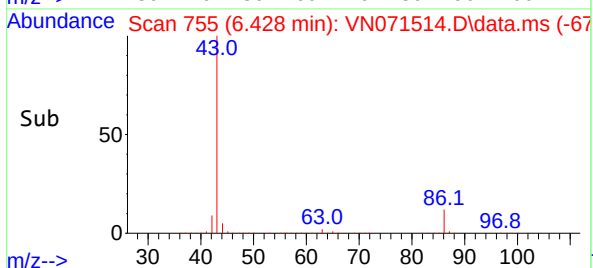
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

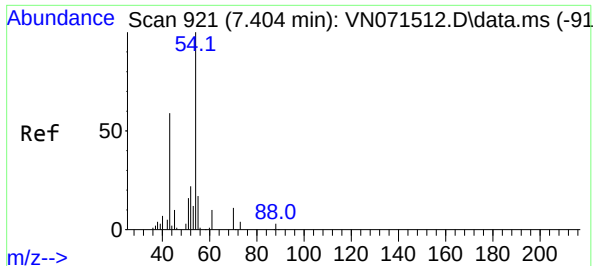


#42
Vinyl Acetate
Concen: 458.686 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



Tgt Ion: 43 Resp: 9541190
Ion Ratio Lower Upper
43 100
86 11.0 7.5 11.3





#43

Ethyl Acetate

Concen: 86.694 ug/l

RT: 7.404 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN071514.D

Acq: 24 Mar 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 106964

Ion Ratio Lower Upper

43 100

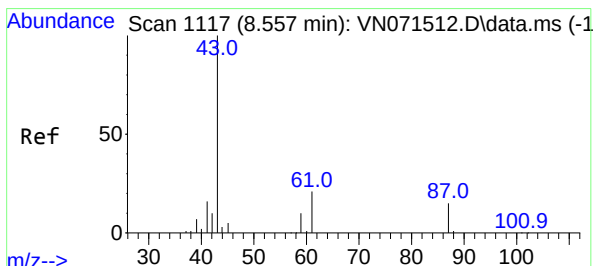
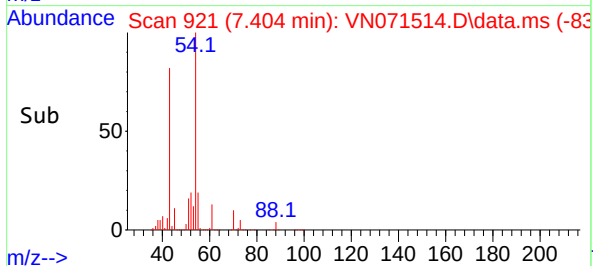
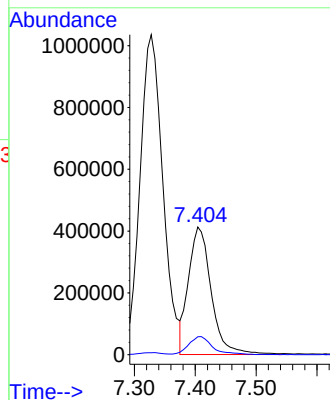
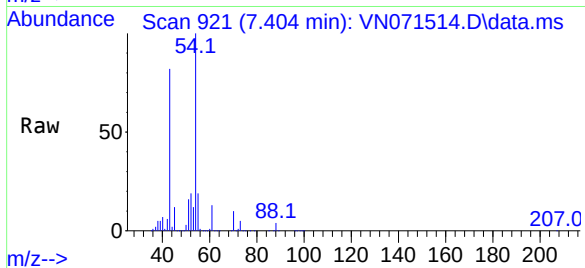
45 14.9 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#44

Isopropyl Acetate

Concen: 84.026 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN071514.D

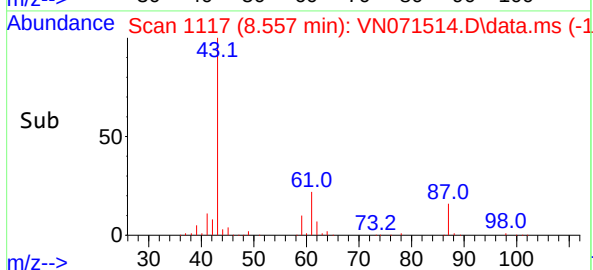
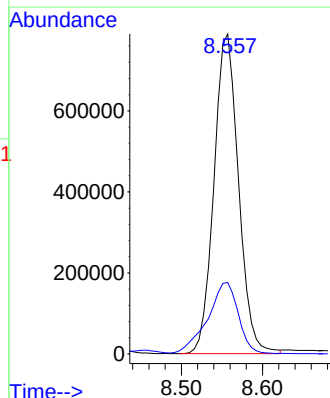
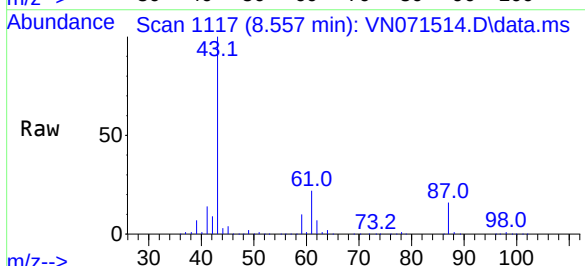
Acq: 24 Mar 2022 11:17

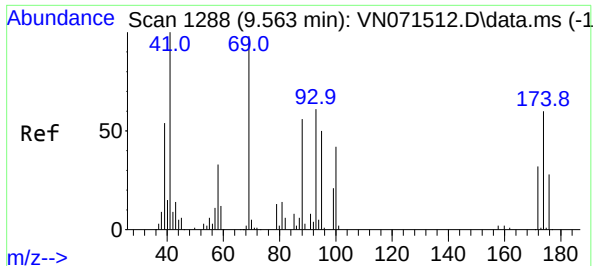
Tgt Ion: 43 Resp: 1659603

Ion Ratio Lower Upper

43 100

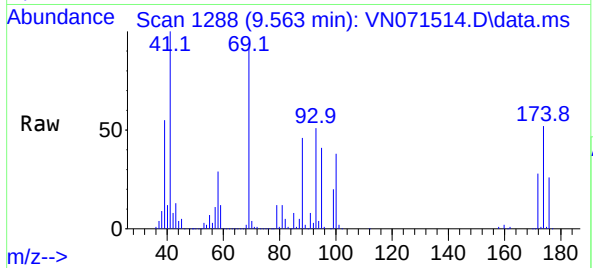
61 28.3 20.1 30.1





#45
1,4-Dioxane
Concen: 1900.342 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

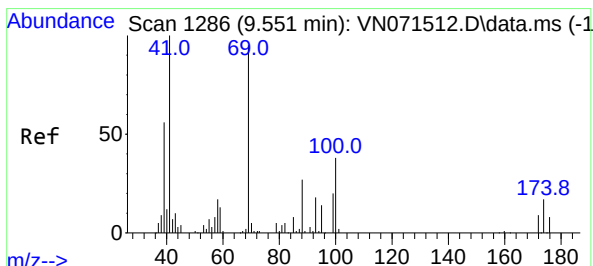
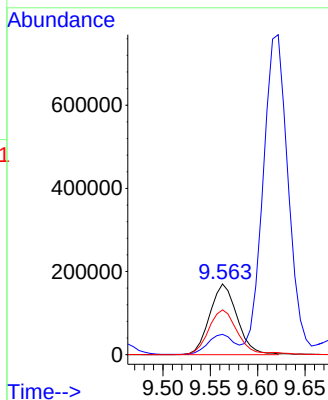
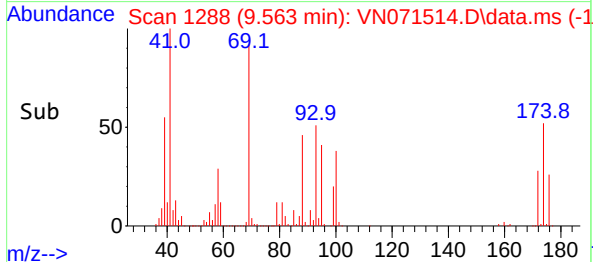
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



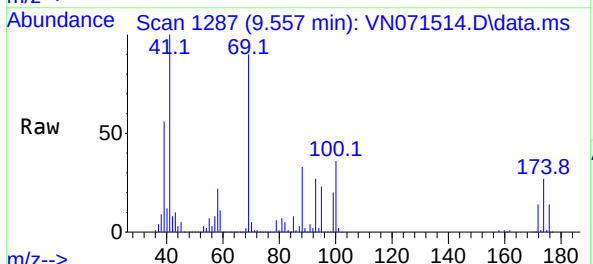
Tgt Ion: 88 Resp: 342551
Ion Ratio Lower Upper
88 100
43 27.0 25.0 37.6
58 65.3 49.4 74.2

Manual Integrations
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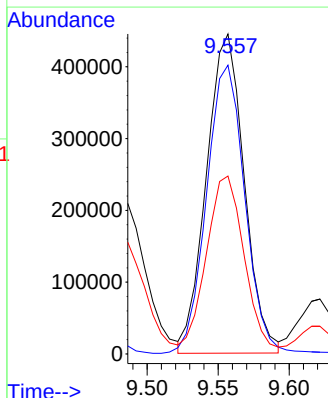
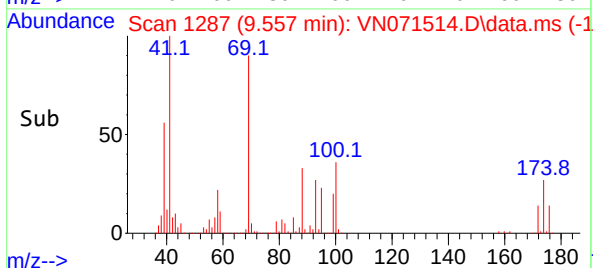
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

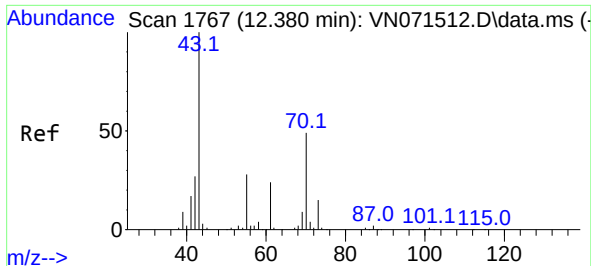


#46
Methyl methacrylate
Concen: 93.871 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



Tgt Ion: 41 Resp: 822691
Ion Ratio Lower Upper
41 100
69 91.7 44.4 133.2
39 55.5 39.9 119.6





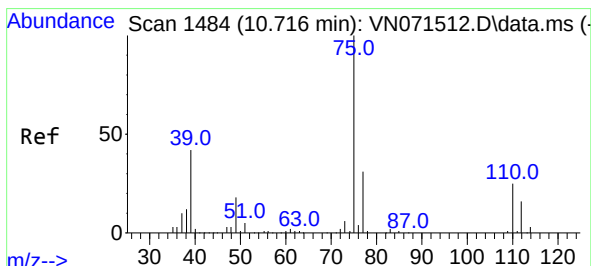
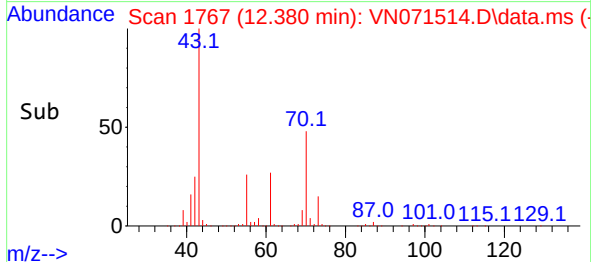
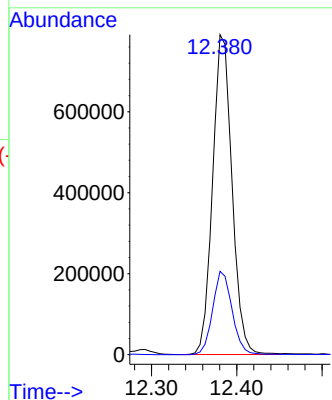
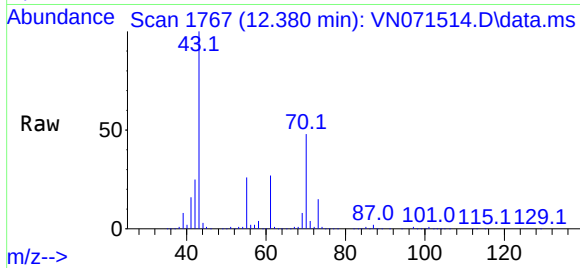
#47
n-amy1 Acetate
Concen: 95.481 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1249019
Ion Ratio Lower Upper
43 100
55 26.1 19.0 28.6

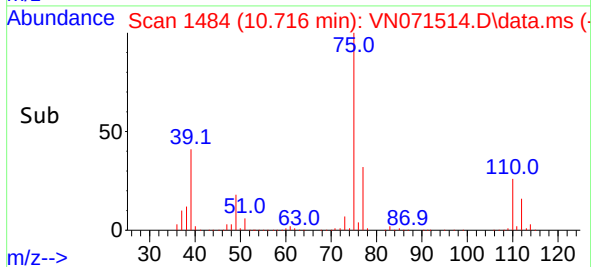
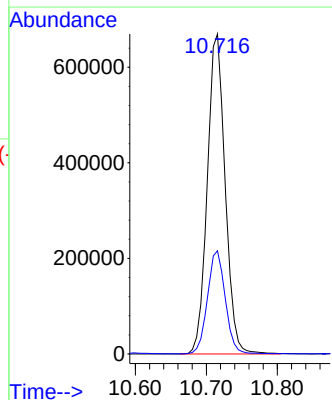
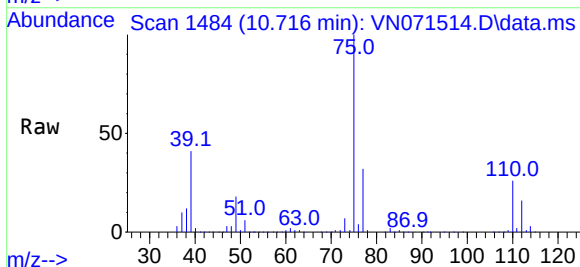
Manual Integrations
APPROVED

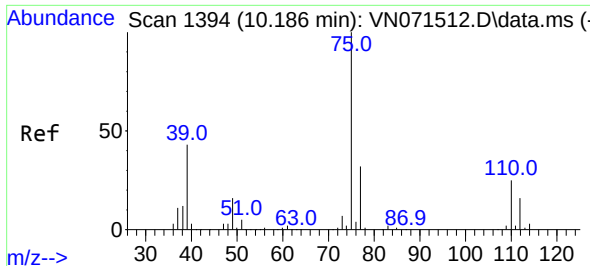
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#48
t-1,3-Dichloropropene
Concen: 110.206 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Tgt Ion: 75 Resp: 1170189
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 109.615 ug/l
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

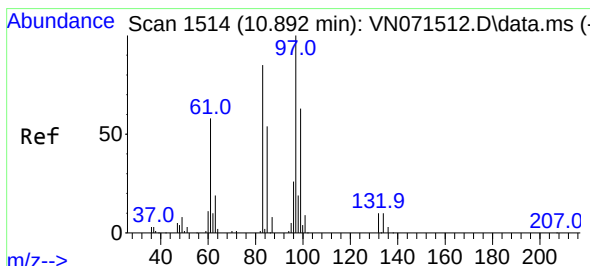
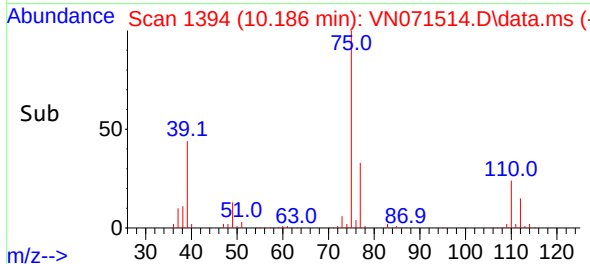
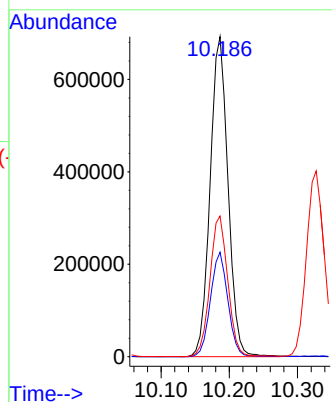
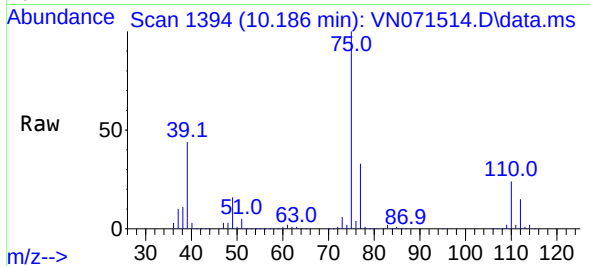
VSTDICC100

Tgt Ion: 75 Resp: 126380
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
39 43.9 46.2 69.4

Manual Integrations

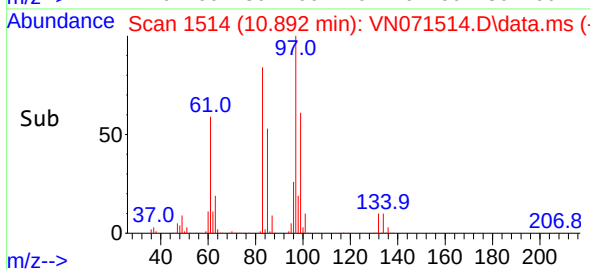
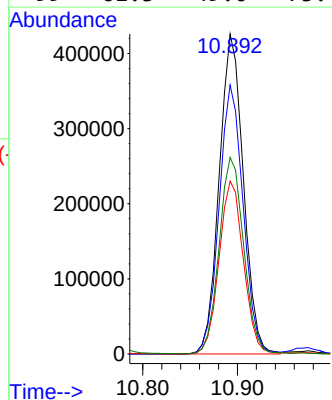
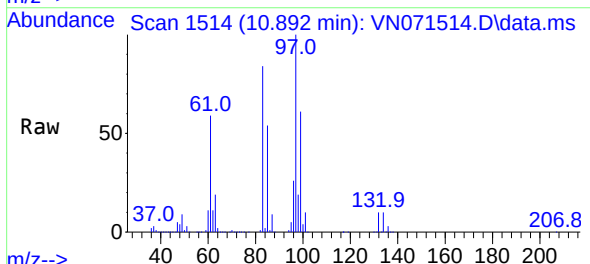
APPROVED

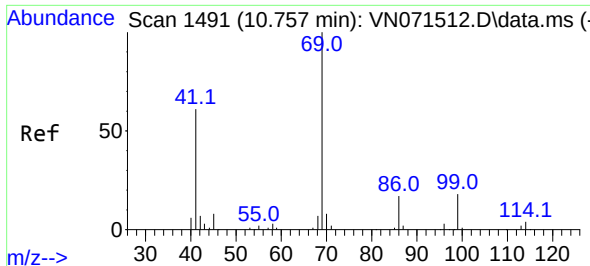
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#50
1,1,2-Trichloroethane
Concen: 105.746 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

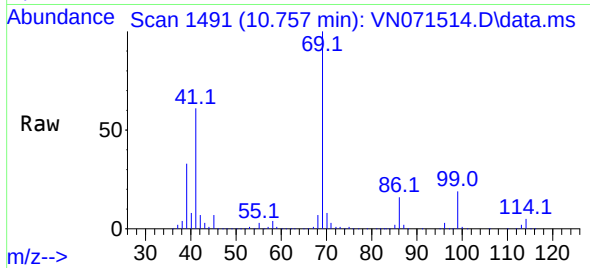
Tgt Ion: 97 Resp: 754264
Ion Ratio Lower Upper
97 100
83 84.1 67.2 100.8
85 54.0 43.0 64.4
99 61.3 49.0 73.4





#51
Ethyl methacrylate
Concen: 105.223 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

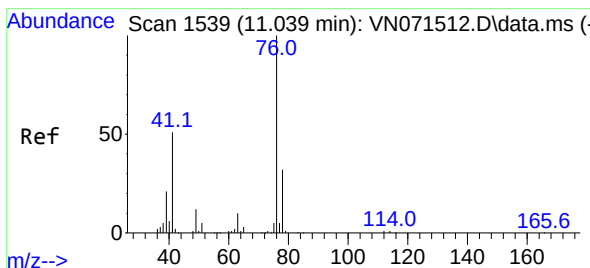
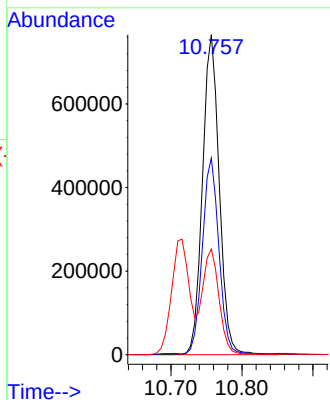
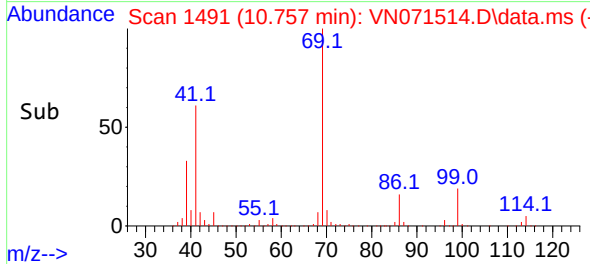
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



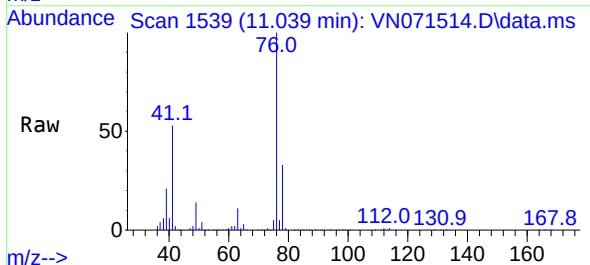
Tgt Ion: 69 Resp: 125783
Ion Ratio Lower Upper
69 100
41 61.1 33.0 98.9
39 32.9 25.4 76.4

Manual Integrations
APPROVED

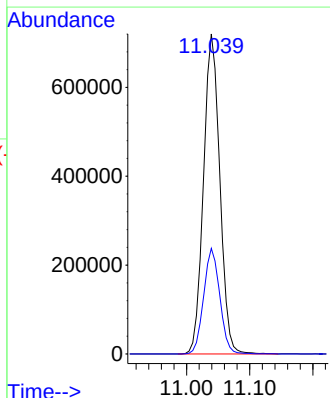
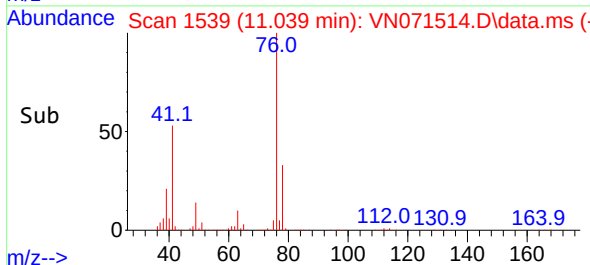
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

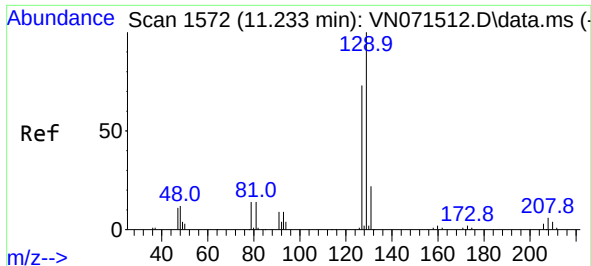


#52
1,3-Dichloropropane
Concen: 101.561 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



Tgt Ion: 76 Resp: 1290212
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.4





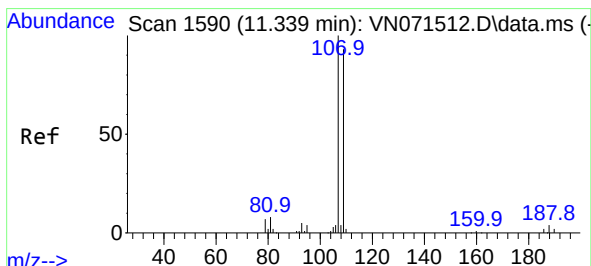
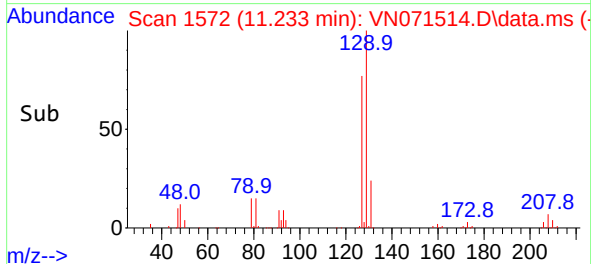
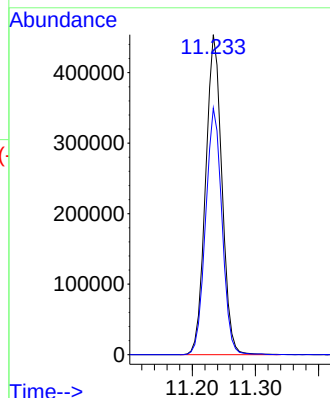
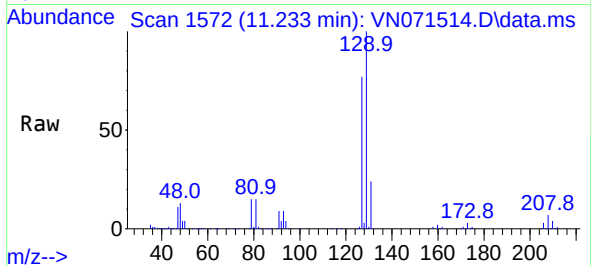
#53
Dibromochloromethane
Concen: 110.161 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:129 Resp: 814083
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

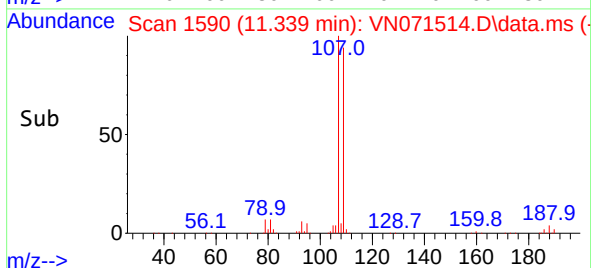
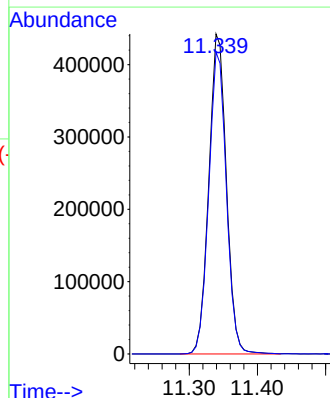
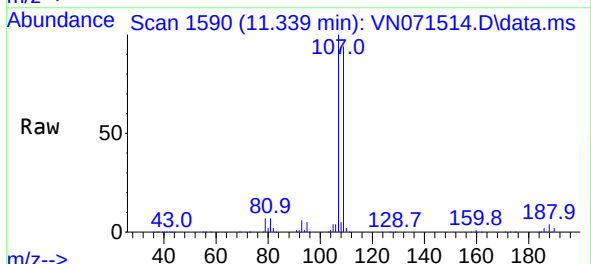
Manual Integrations
APPROVED

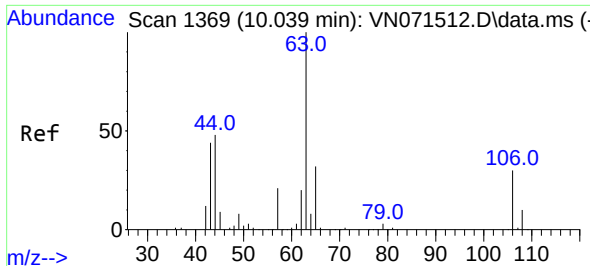
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#54
1,2-Dibromoethane
Concen: 107.725 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

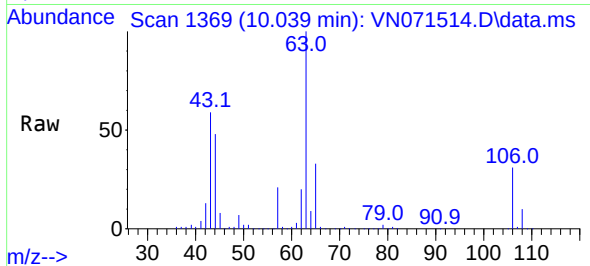
Tgt Ion:107 Resp: 793288
Ion Ratio Lower Upper
107 100
109 94.6 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 497.836 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

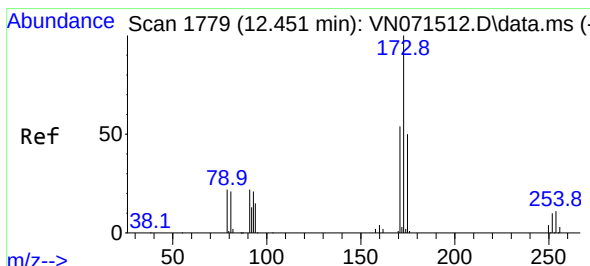
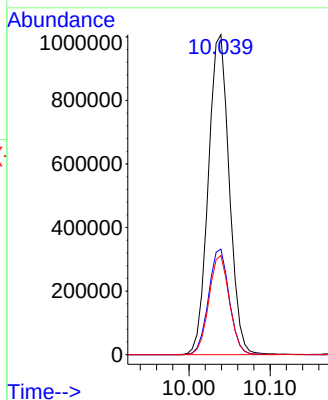
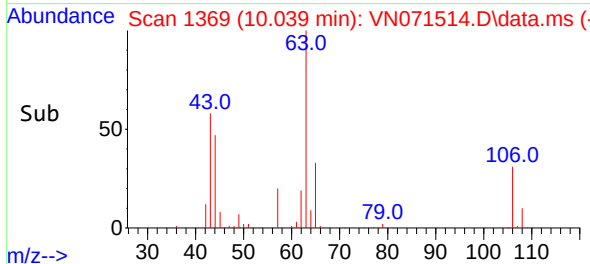
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



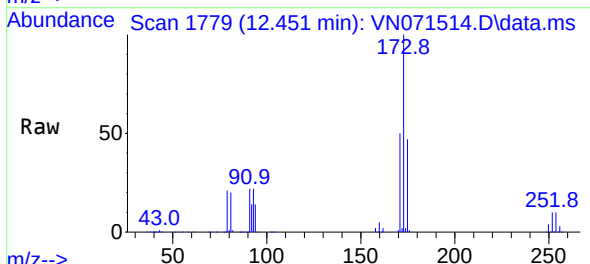
Tgt Ion: 63 Resp: 1803914
Ion Ratio Lower Upper
63 100
65 32.6 25.4 38.0
106 30.4 23.2 34.8

Manual Integrations
APPROVED

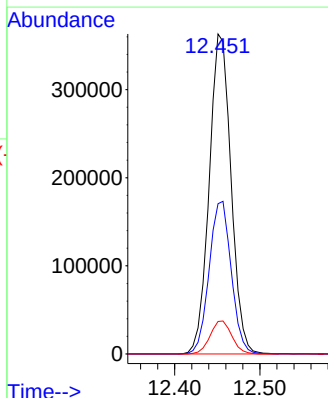
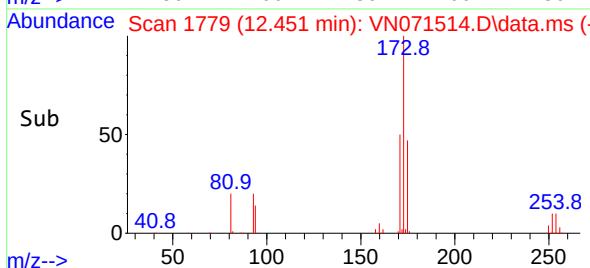
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

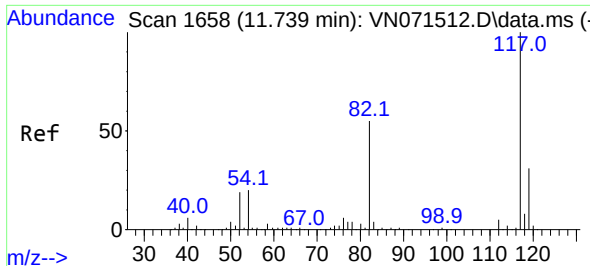


#56
Bromoform
Concen: 112.990 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



Tgt Ion:173 Resp: 646306
Ion Ratio Lower Upper
173 100
175 48.3 38.6 58.0
254 10.3 0.0 0.0#





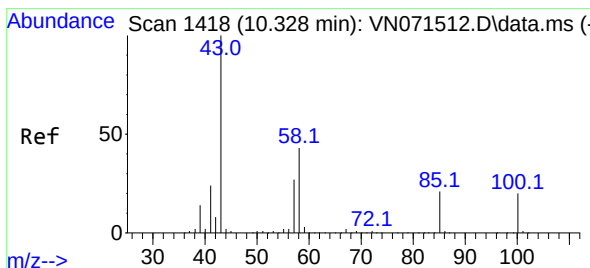
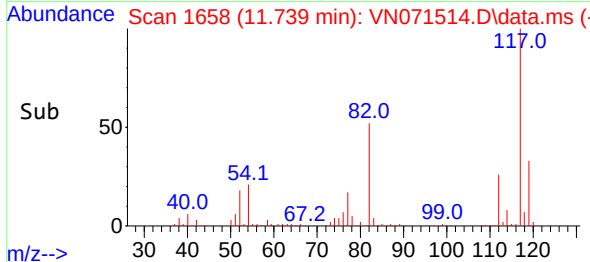
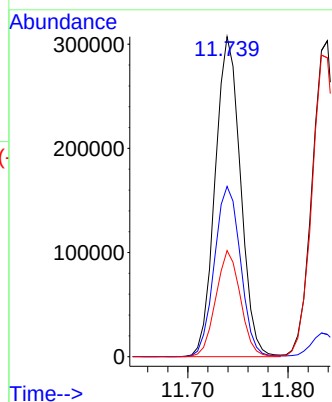
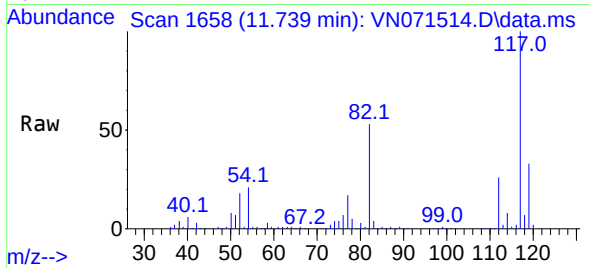
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 539474
Ion Ratio Lower Upper
117 100
82 54.9 43.6 65.4
119 32.2 25.8 38.6

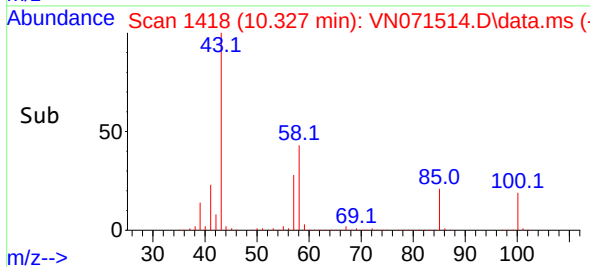
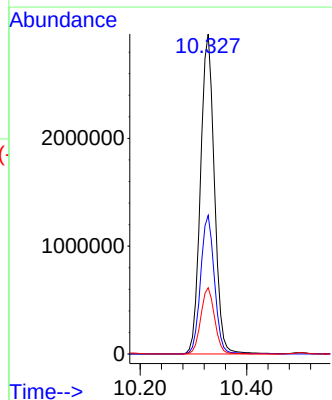
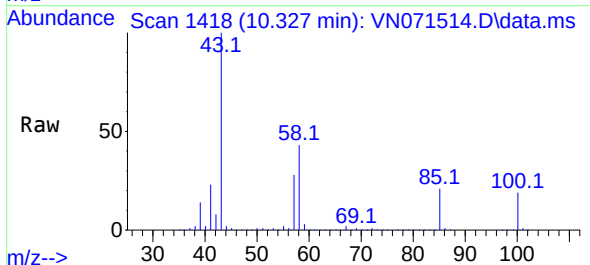
Manual Integrations
APPROVED

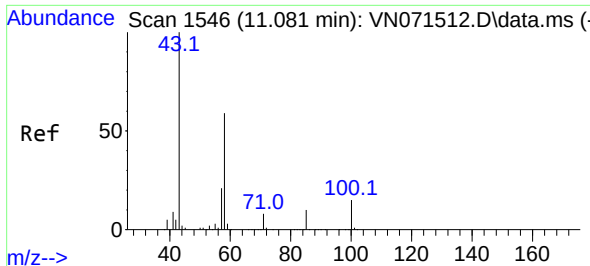
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#58
4-Methyl-2-Pentanone
Concen: 434.335 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

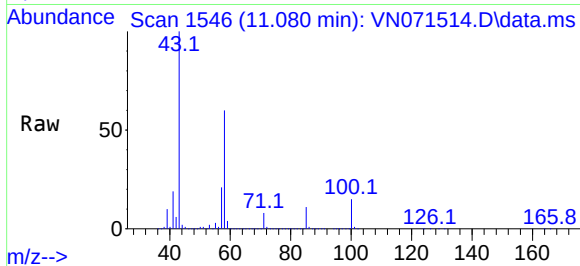
Tgt Ion: 43 Resp: 5363611
Ion Ratio Lower Upper
43 100
58 43.1 30.0 45.0
85 20.6 15.0 22.6





#59
2-Hexanone
Concen: 430.525 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

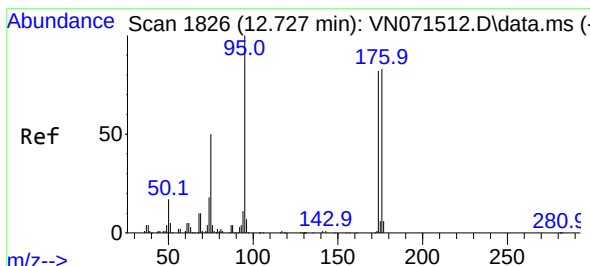
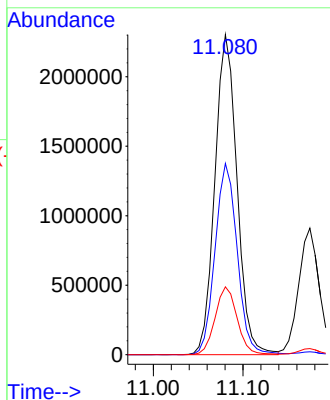
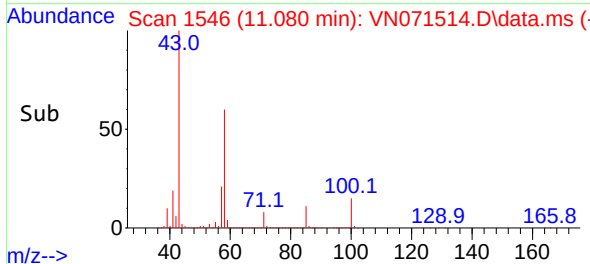
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



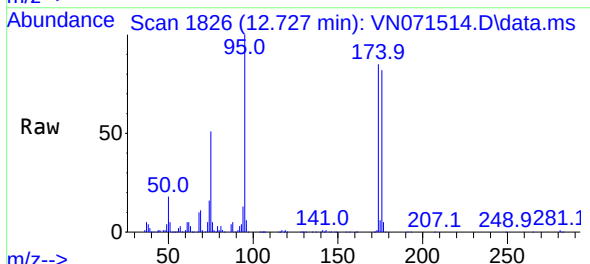
Tgt Ion: 43 Resp: 394857
Ion Ratio Lower Upper
43 100
58 59.9 42.2 63.2
57 21.1 15.0 22.4

Manual Integrations
APPROVED

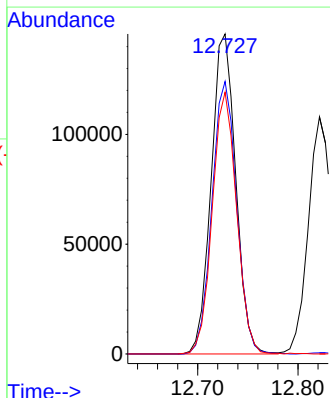
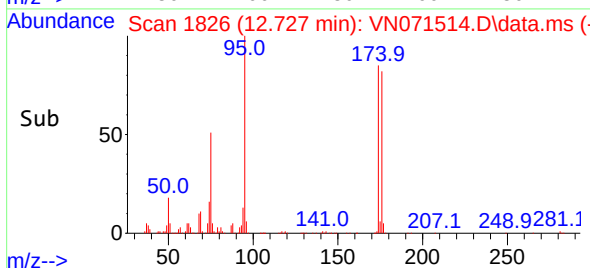
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

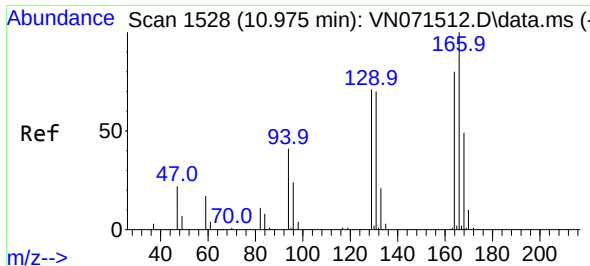


#60
4-Bromofluorobenzene
Concen: 29.917 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



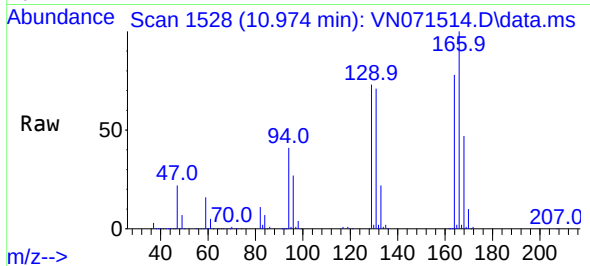
Tgt Ion: 95 Resp: 247590
Ion Ratio Lower Upper
95 100
174 85.5 62.9 94.3
176 81.1 61.0 91.4





#61
Tetrachloroethene
Concen: 110.117 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

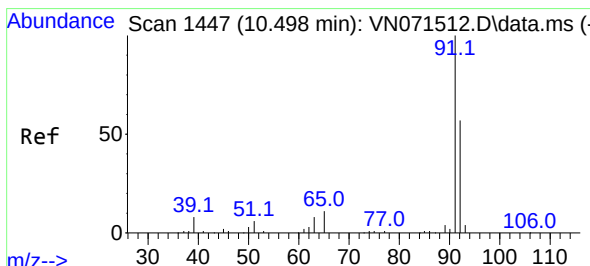
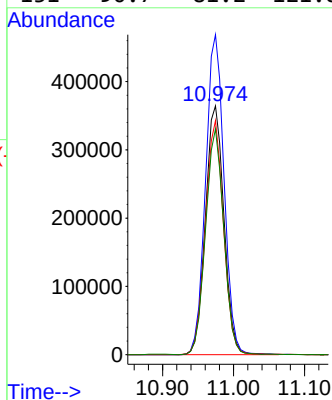
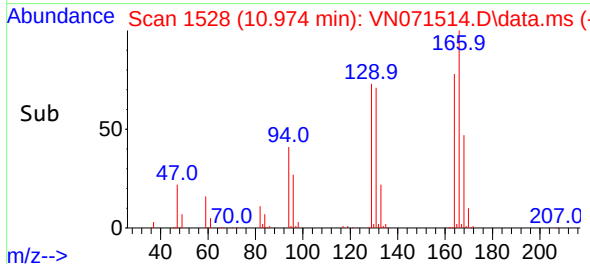
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



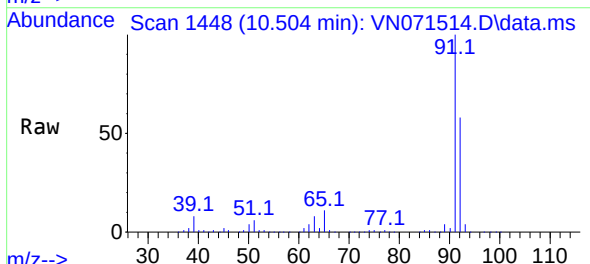
Tgt Ion:164 Resp: 66564
Ion Ratio Lower Upper
164 100
166 128.6 105.8 158.8
129 94.0 82.5 123.7
131 90.7 81.2 121.8

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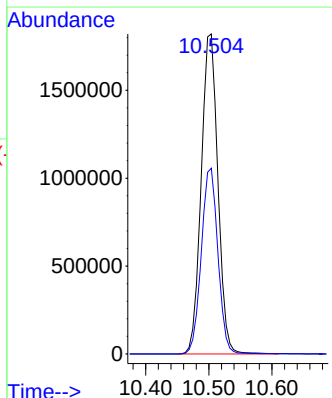
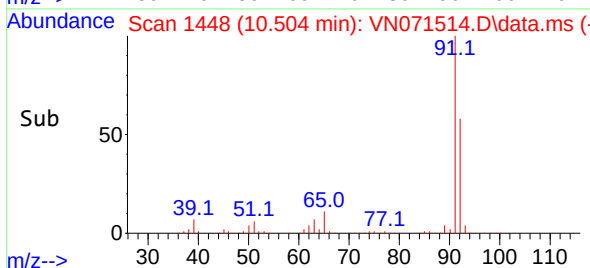
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

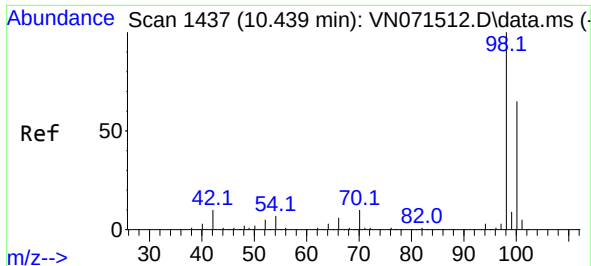


#62
Toluene
Concen: 107.502 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



Tgt Ion: 91 Resp: 3348067
Ion Ratio Lower Upper
91 100
92 57.8 44.6 67.0





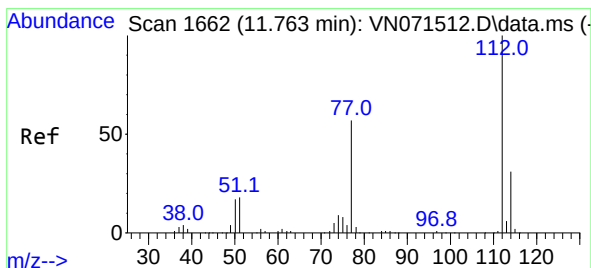
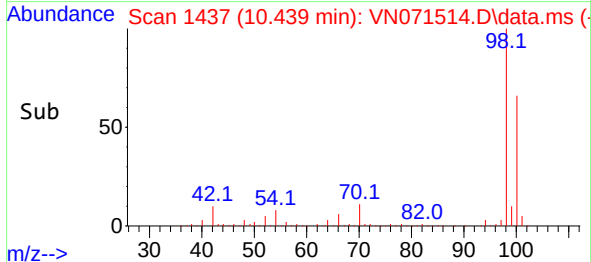
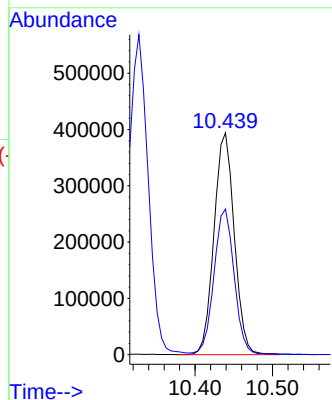
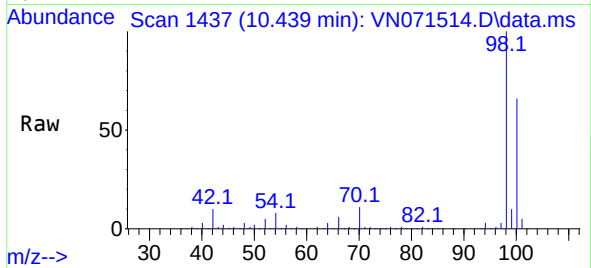
#63
Toluene-d8
Concen: 28.914 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 98 Resp: 717728
Ion Ratio Lower Upper
98 100
100 65.7 50.6 76.0

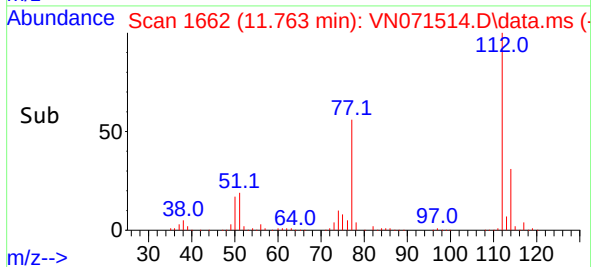
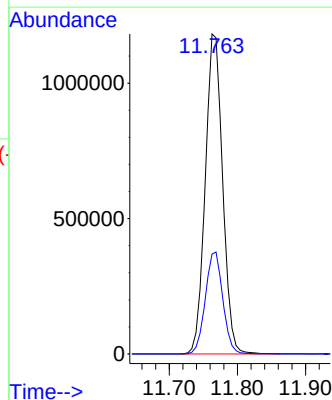
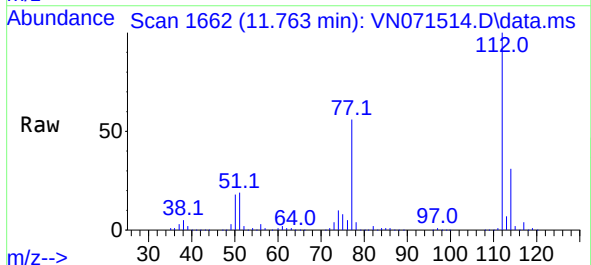
Manual Integrations
APPROVED

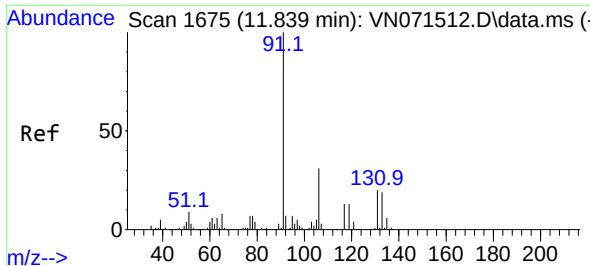
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#64
Chlorobenzene
Concen: 110.747 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

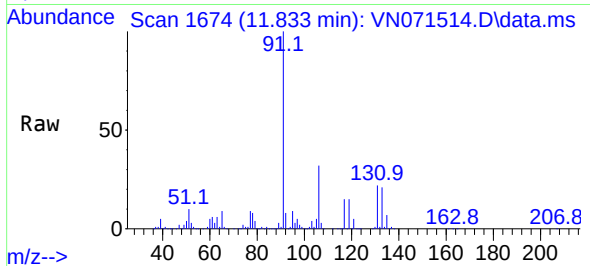
Tgt Ion:112 Resp: 2096275
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 109.803 ug/l
RT: 11.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

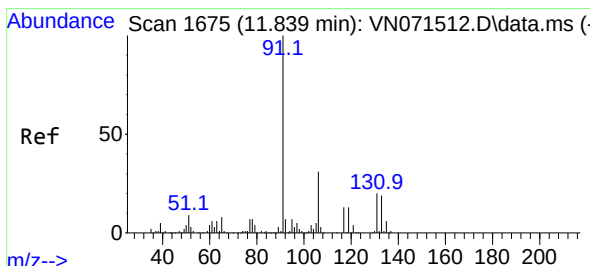
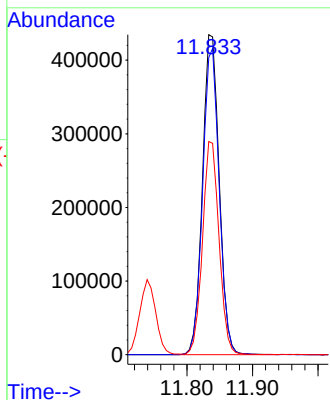
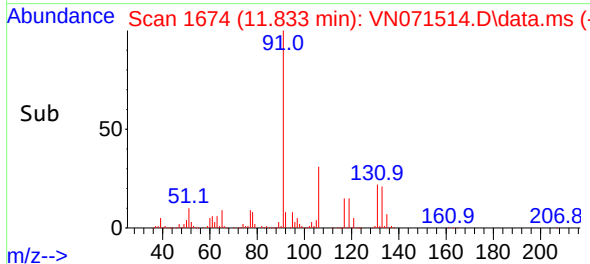
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:131 Resp: 77095
Ion Ratio Lower Upper
131 100
133 94.7 0.0 191.2
119 65.9 0.0 128.8

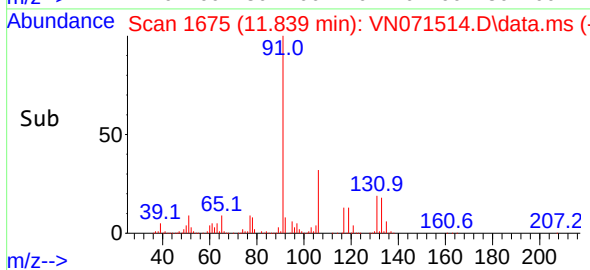
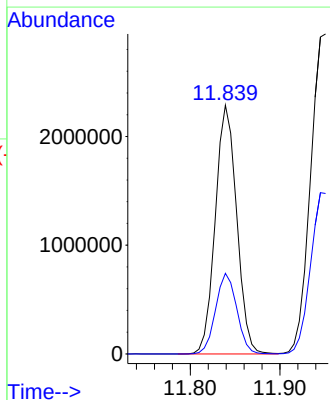
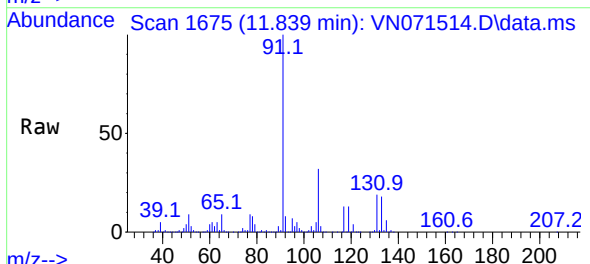
Manual Integrations
APPROVED

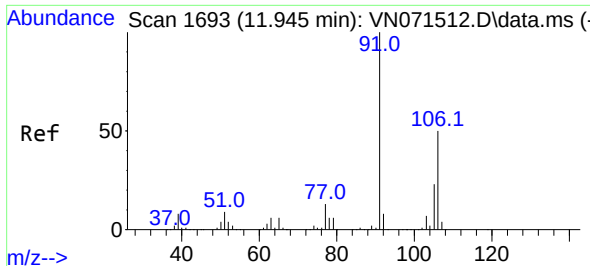
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#66
Ethyl Benzene
Concen: 110.945 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Tgt Ion: 91 Resp: 3787765
Ion Ratio Lower Upper
91 100
106 32.4 24.0 36.0





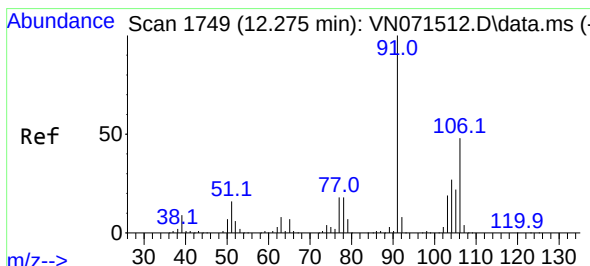
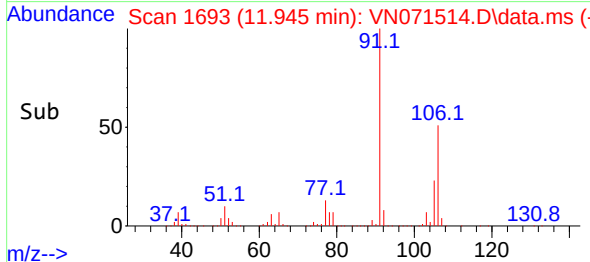
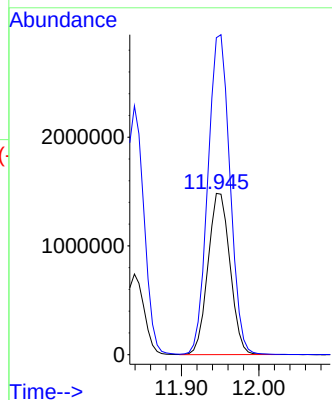
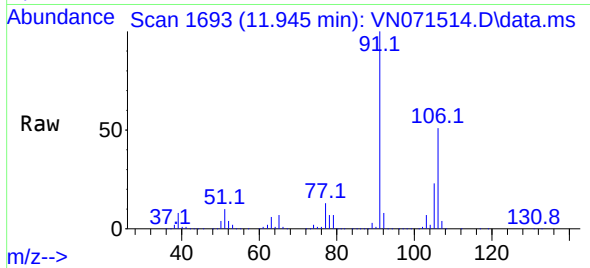
#67
m/p-Xylenes
Concen: 225.469 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 292715
Ion Ratio Lower Upper
106 100
91 199.1 162.9 244.3

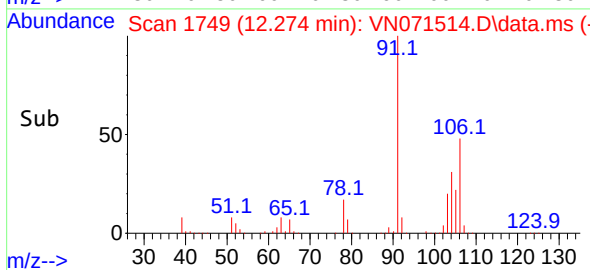
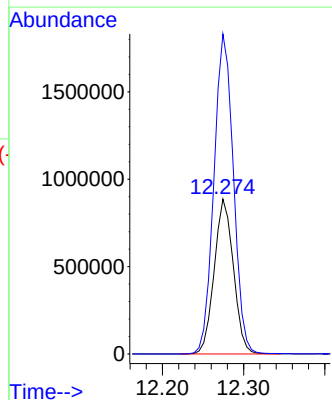
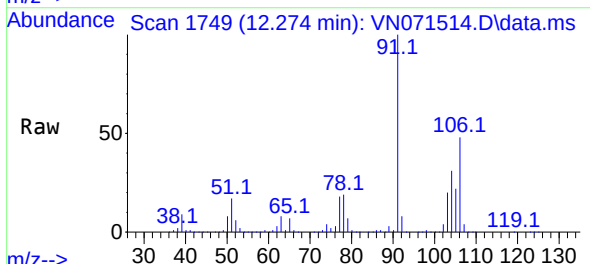
Manual Integrations
APPROVED

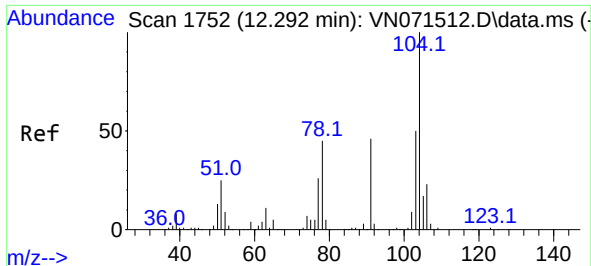
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#68
o-Xylene
Concen: 112.375 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

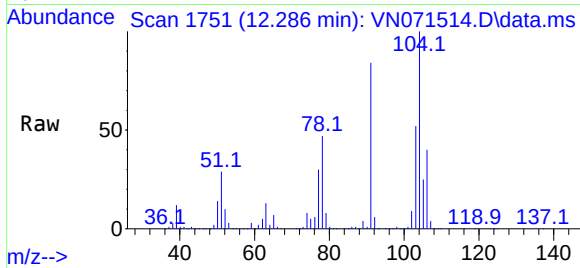
Tgt Ion:106 Resp: 1457342
Ion Ratio Lower Upper
106 100
91 210.1 107.7 323.1





#69
Styrene
Concen: 116.462 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

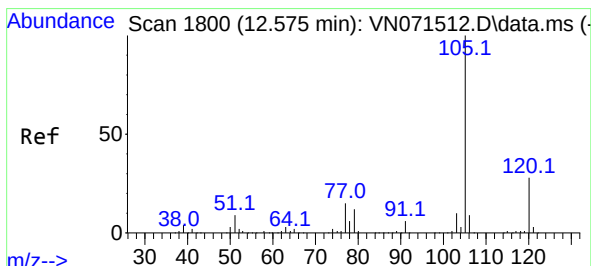
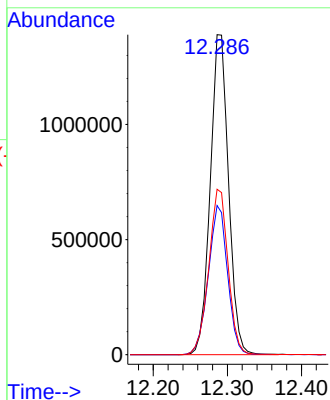
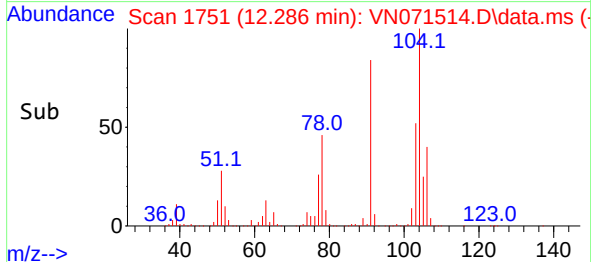
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



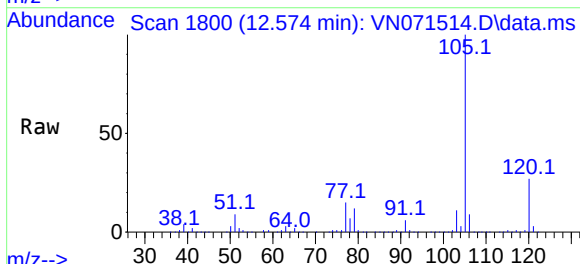
Tgt Ion:104 Resp: 238082
Ion Ratio Lower Upper
104 100
78 49.2 40.7 61.1
103 54.7 45.8 68.8

Manual Integrations
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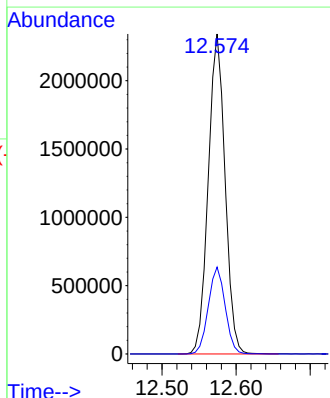
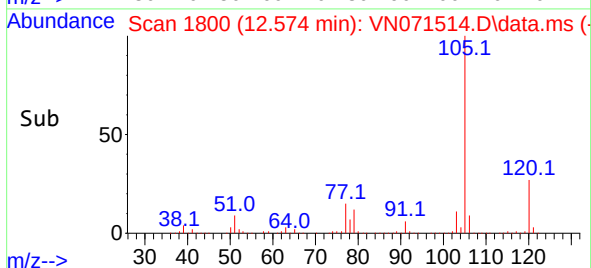
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

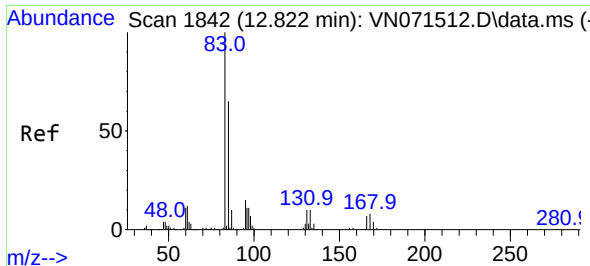


#70
Isopropylbenzene
Concen: 112.209 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



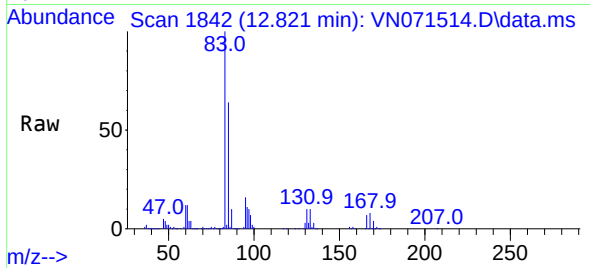
Tgt Ion:105 Resp: 3688257
Ion Ratio Lower Upper
105 100
120 27.1 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 102.276 ug/l
RT: 12.821 min Scan# 1151844
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

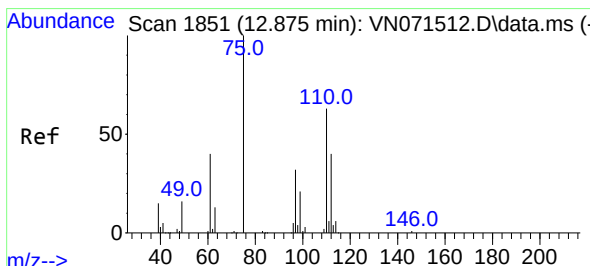
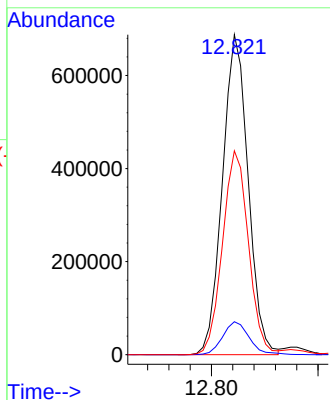
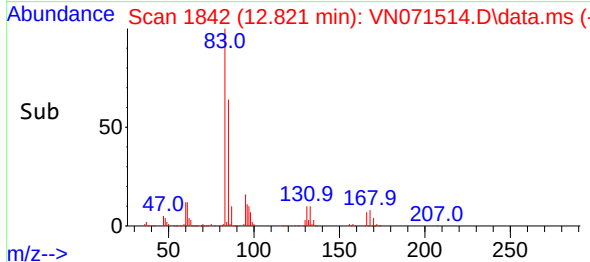
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



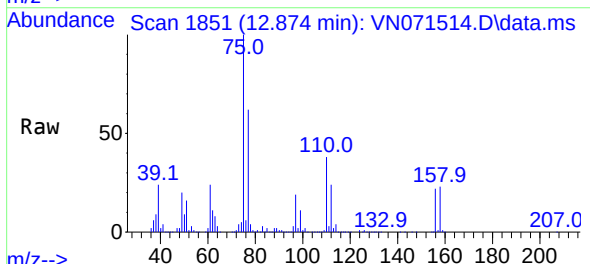
Tgt Ion: 83 Resp: 1151844
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 64.3 33.1 99.2

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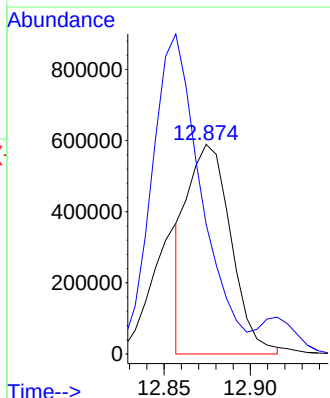
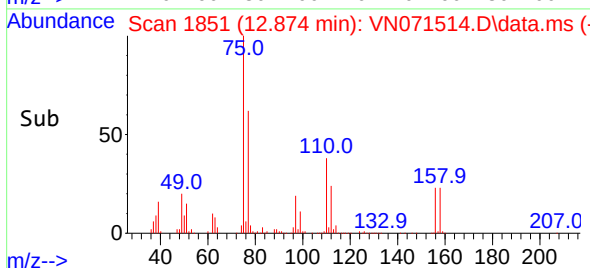
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

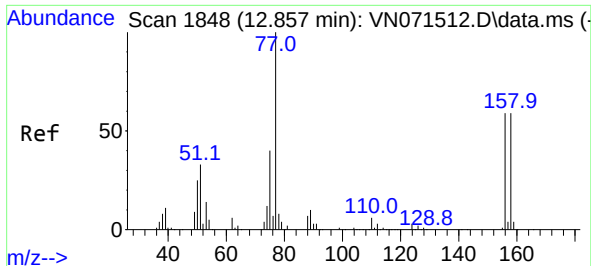


#72
1,2,3-Trichloropropane
Concen: 100.156 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



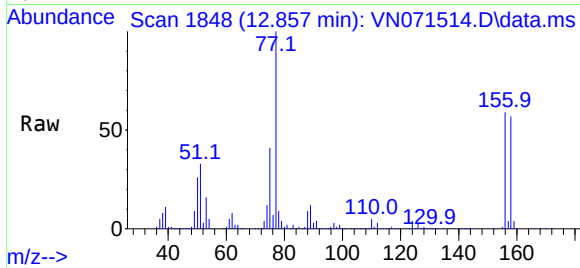
Tgt Ion: 75 Resp: 1036366
Ion Ratio Lower Upper
75 100
77 173.1 0.0 378.0





#73
Bromobenzene
Concen: 115.797 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

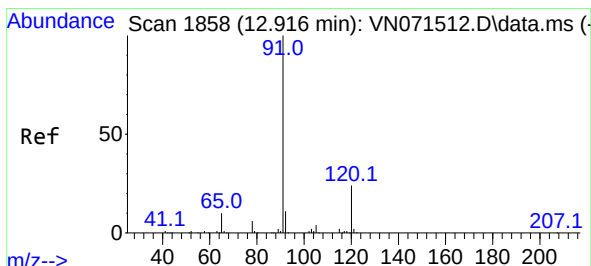
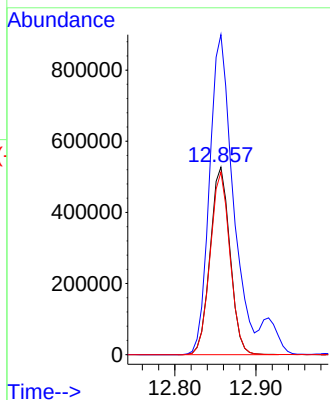
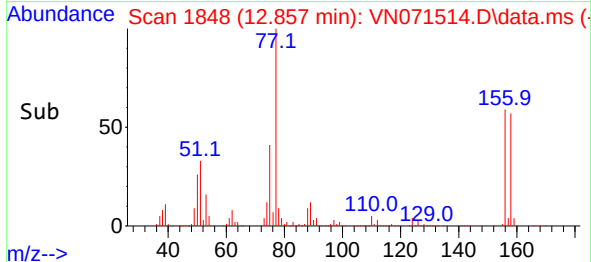
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



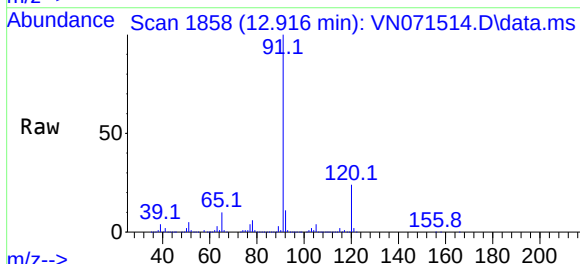
Tgt Ion:156 Resp: 895902
Ion Ratio Lower Upper
156 100
77 200.3 0.0 416.0
158 97.0 0.0 195.4

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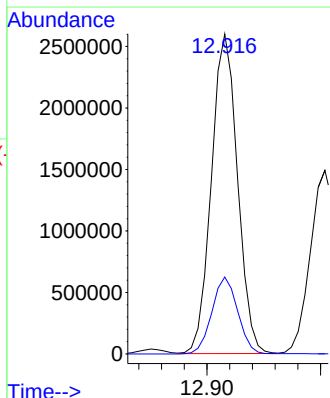
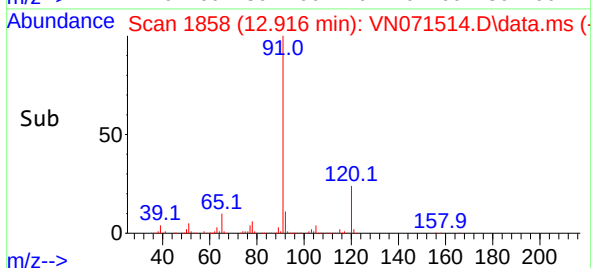
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

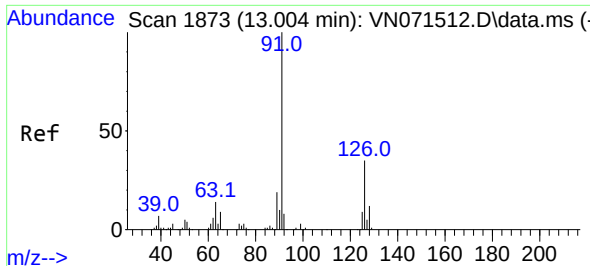


#74
n-propylbenzene
Concen: 115.120 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



Tgt Ion: 91 Resp: 4151072
Ion Ratio Lower Upper
91 100
120 23.7 0.0 45.0





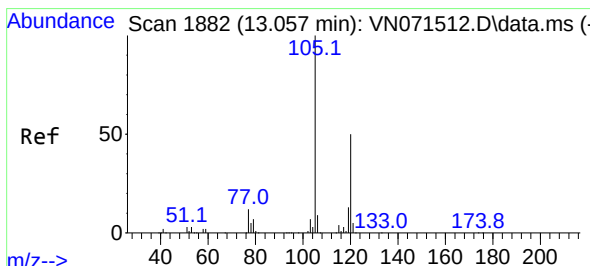
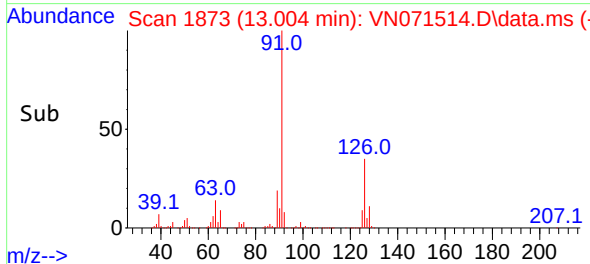
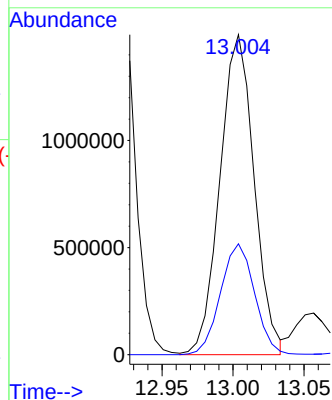
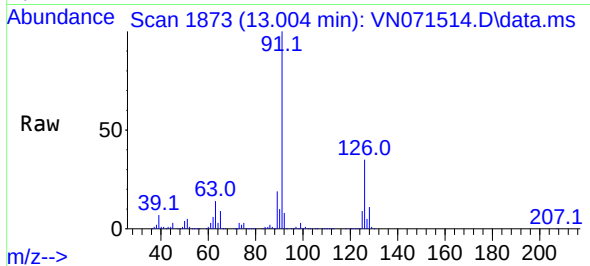
#75
2-Chlorotoluene
Concen: 110.557 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 250341
Ion Ratio Lower Upper
91 100
126 34.6 0.0 69.8

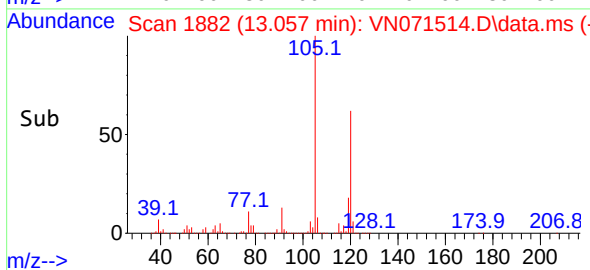
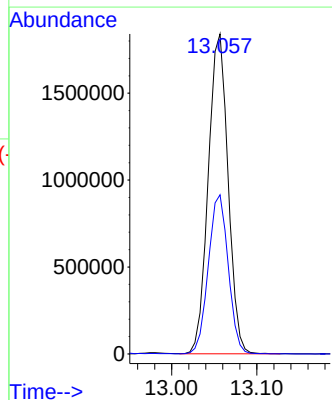
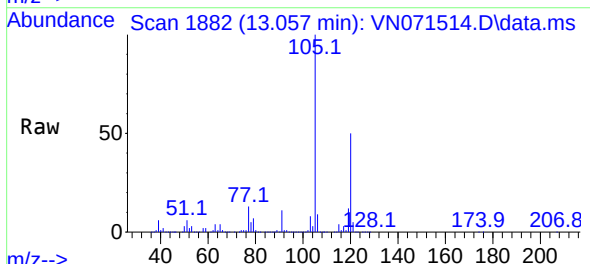
Manual Integrations
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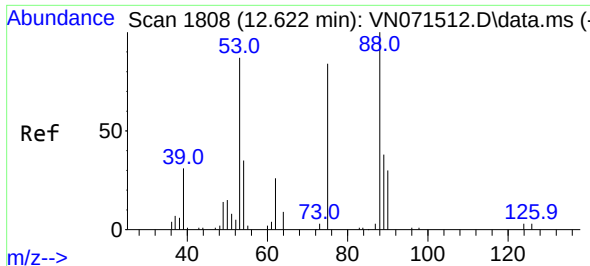
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#76
1,3,5-Trimethylbenzene
Concen: 113.427 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

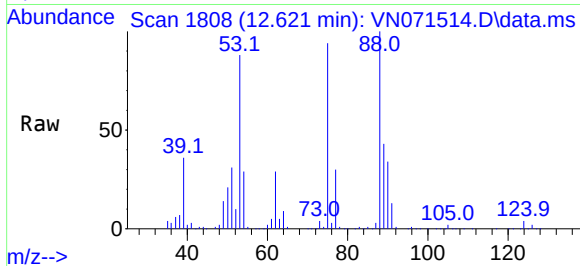
Tgt Ion:105 Resp: 2968182
Ion Ratio Lower Upper
105 100
120 50.0 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 115.014 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

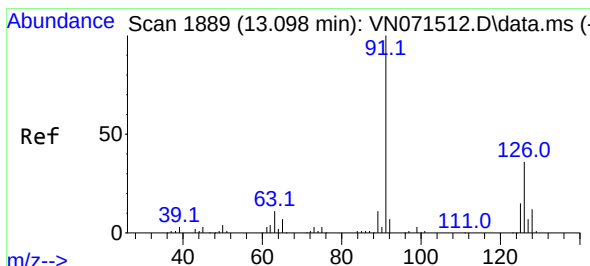
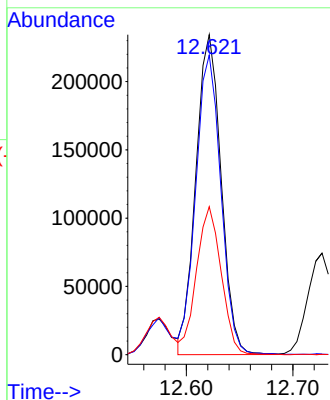
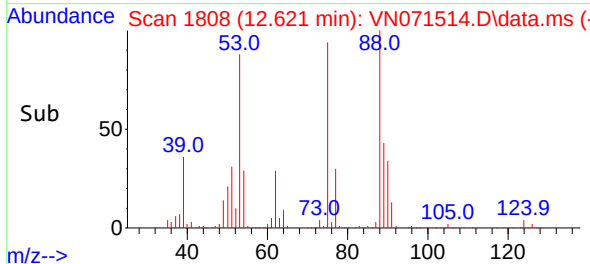
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



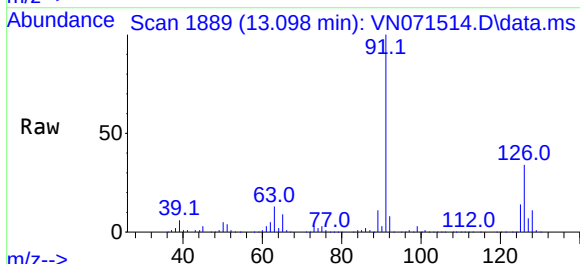
Tgt Ion: 75 Resp: 386654
Ion Ratio Lower Upper
75 100
53 93.7 51.8 155.5
89 46.2 22.9 68.7

Manual Integrations
APPROVED

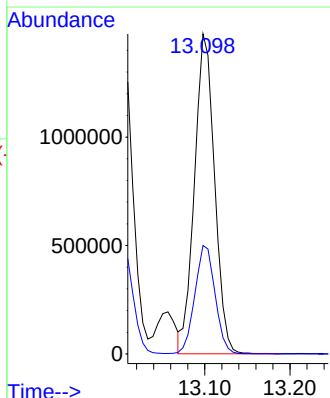
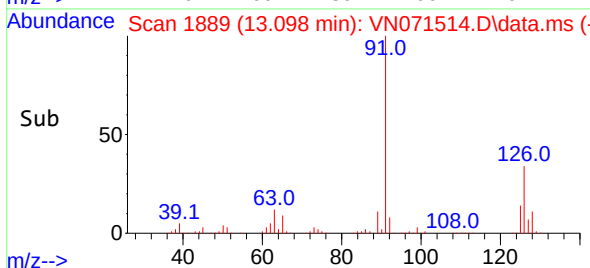
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

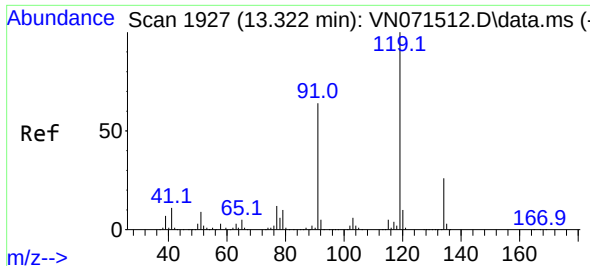


#78
4-Chlorotoluene
Concen: 114.879 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



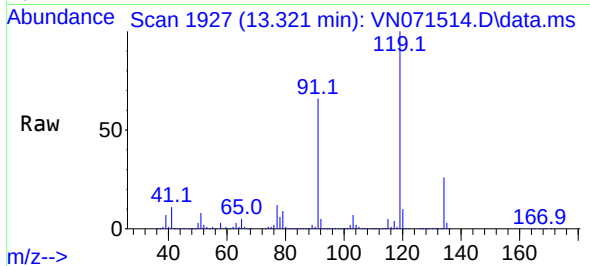
Tgt Ion: 91 Resp: 2414581
Ion Ratio Lower Upper
91 100
126 34.3 0.0 70.6





#79
tert-butylbenzene
Concen: 113.641 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

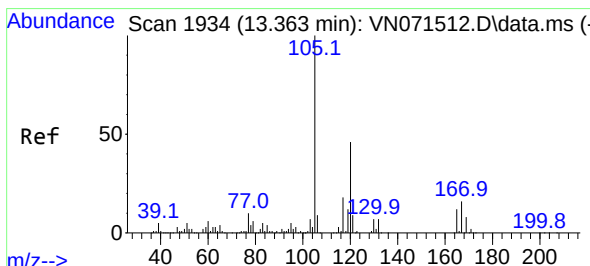
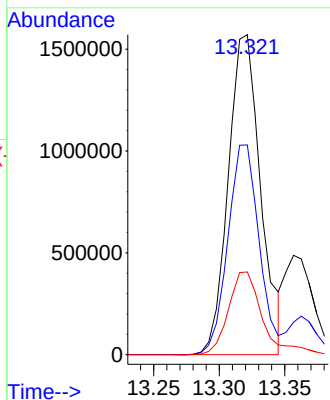
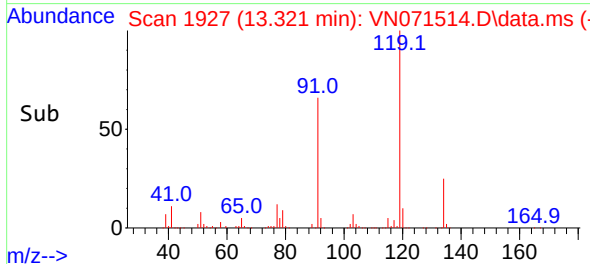
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



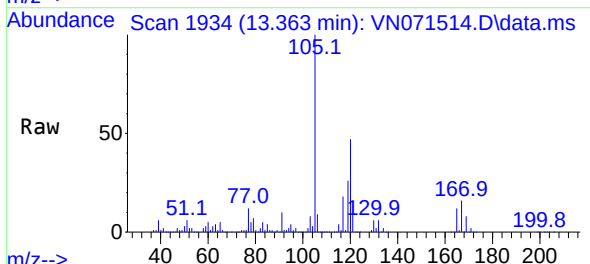
Tgt Ion:119 Resp: 2705072
Ion Ratio Lower Upper
119 100
91 63.1 0.0 137.0
134 27.3 0.0 47.6

Manual Integrations
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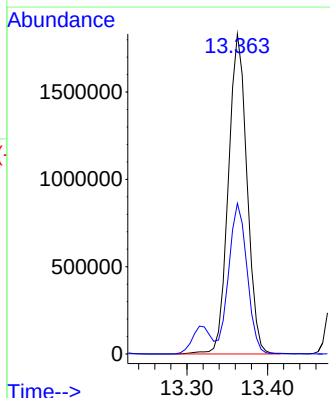
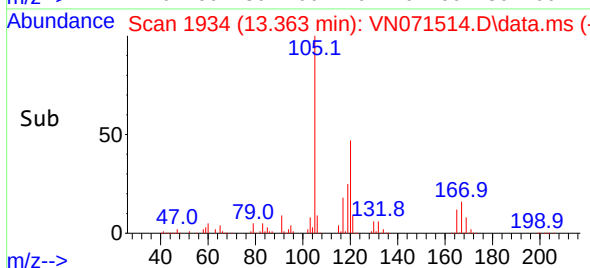
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

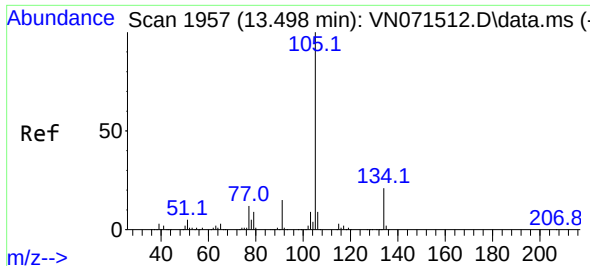


#80
1,2,4-Trimethylbenzene
Concen: 116.366 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



Tgt Ion:105 Resp: 2934134
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 116.636 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071514.D
 Acq: 24 Mar 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

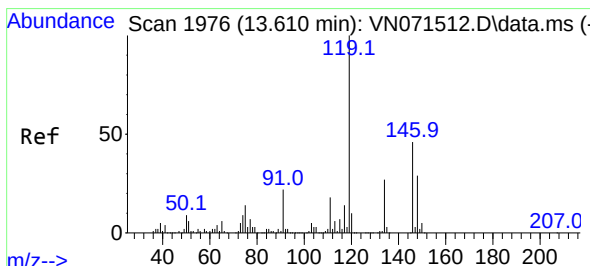
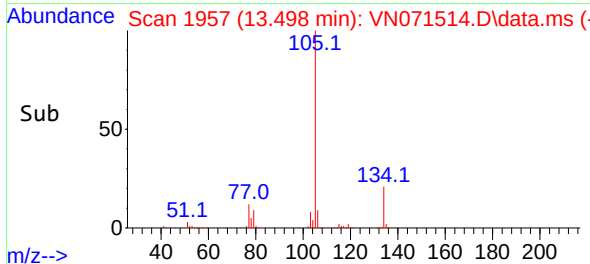
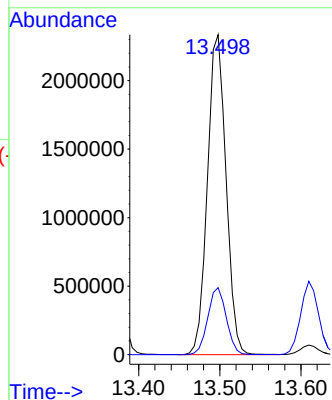
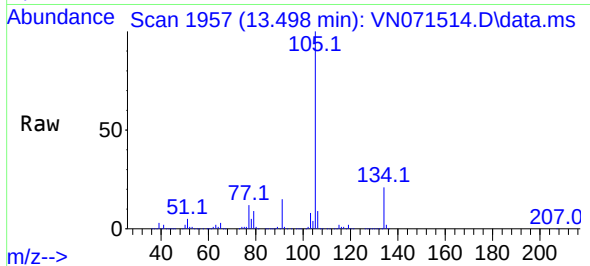
VSTDICC100

Tgt Ion:105 Resp: 3707614
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 39.4

Manual Integrations

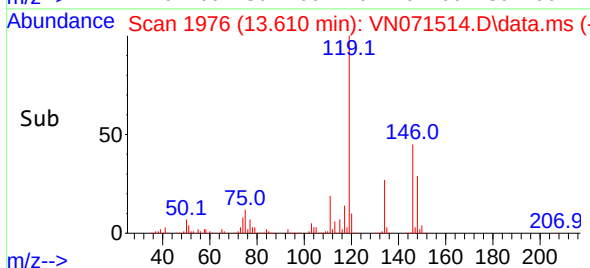
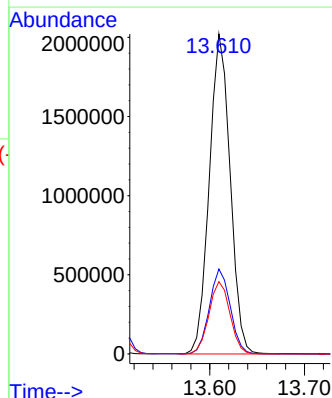
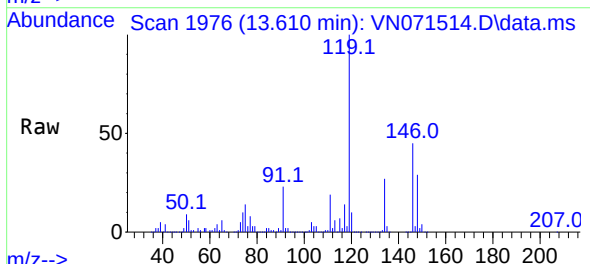
APPROVED

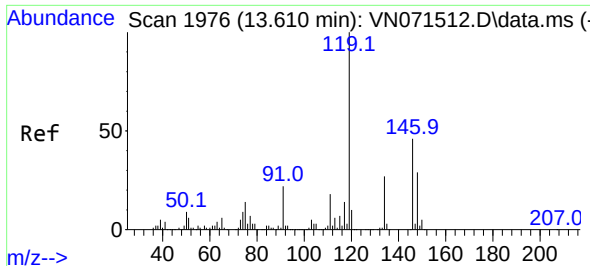
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#82
 p-Isopropyltoluene
 Concen: 120.920 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071514.D
 Acq: 24 Mar 2022 11:17

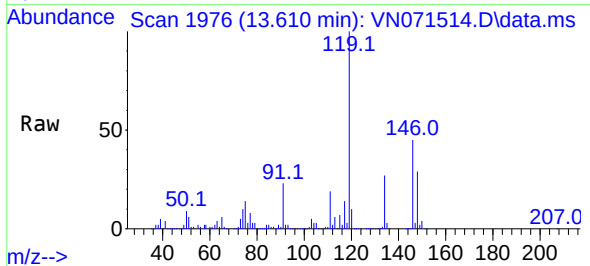
Tgt Ion:119 Resp: 3085413
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 51.8
 91 22.7 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 121.057 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

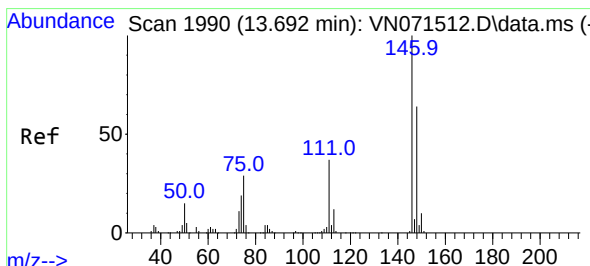
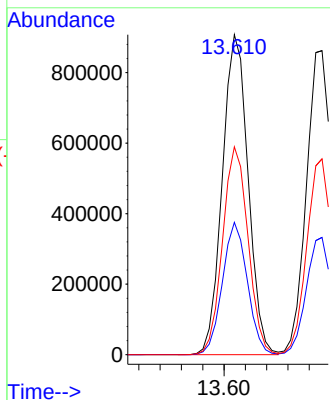
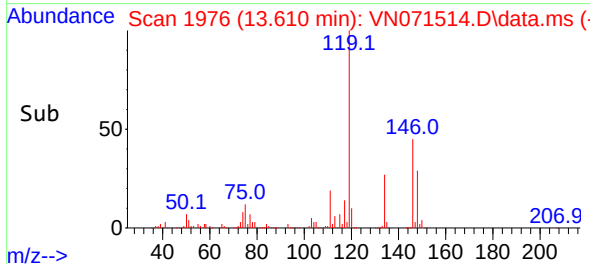
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



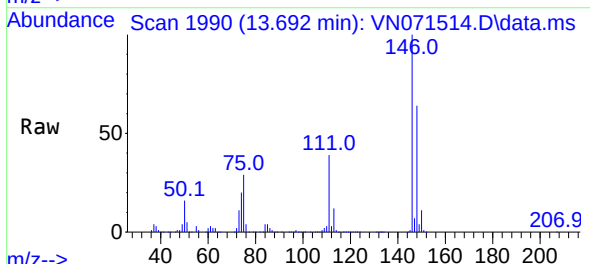
Tgt Ion:146 Resp: 1524874
Ion Ratio Lower Upper
146 100
111 40.1 20.8 62.2
148 64.2 31.4 94.3

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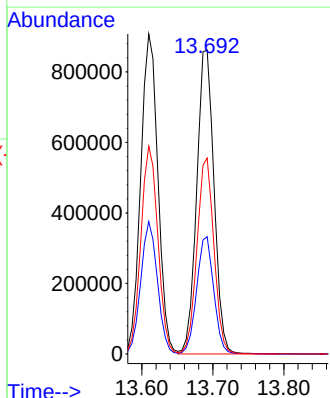
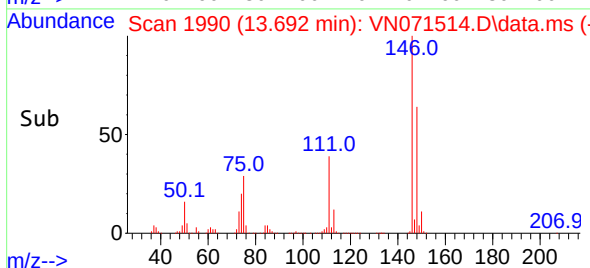
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

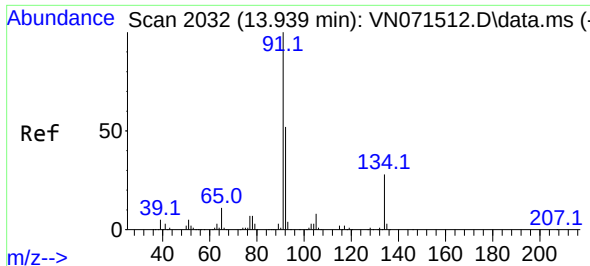


#84
1,4-Dichlorobenzene
Concen: 121.837 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



Tgt Ion:146 Resp: 1465503
Ion Ratio Lower Upper
146 100
111 37.7 19.5 58.5
148 63.2 31.1 93.5





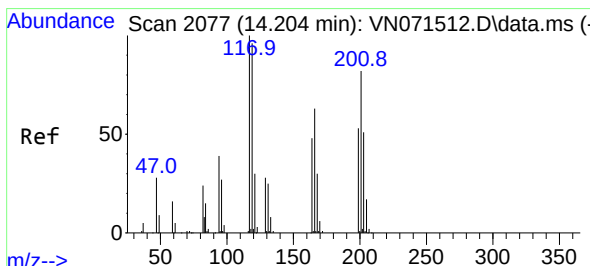
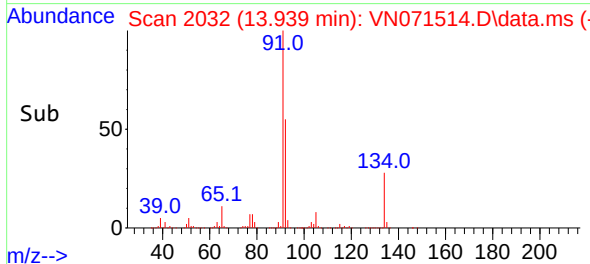
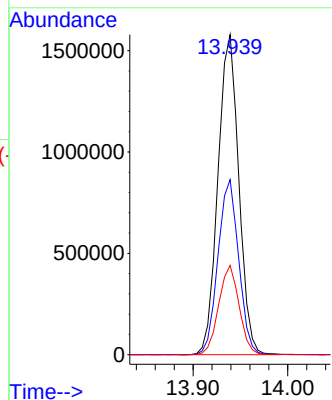
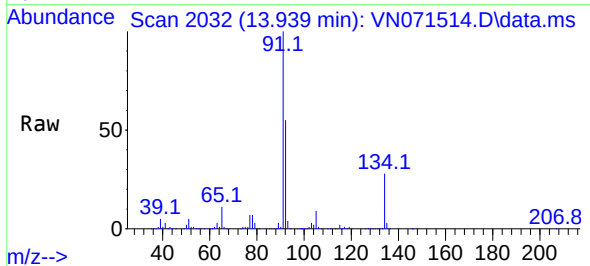
#85
n-Butylbenzene
Concen: 127.381 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 241601
Ion Ratio Lower Upper
91 100
92 54.4 0.0 100.6
134 27.3 0.0 50.2

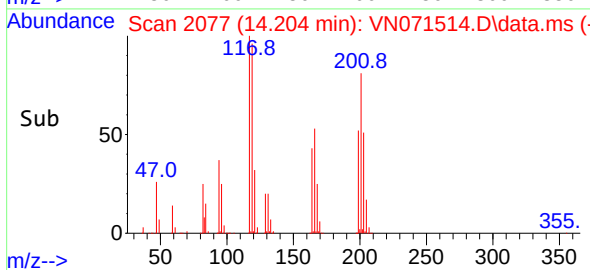
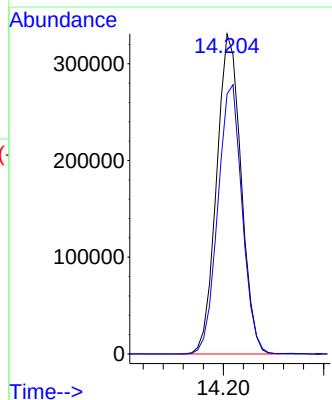
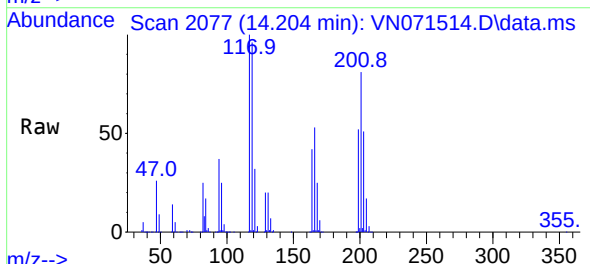
Manual Integrations
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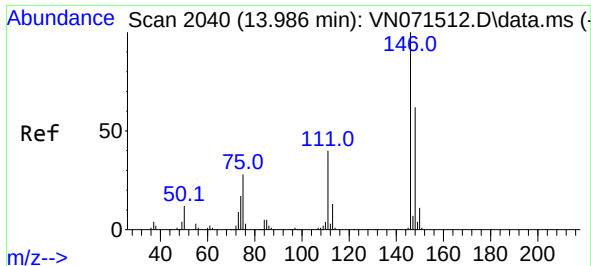
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#86
Hexachloroethane
Concen: 114.990 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Tgt Ion:117 Resp: 560504
Ion Ratio Lower Upper
117 100
201 83.4 33.3 99.8





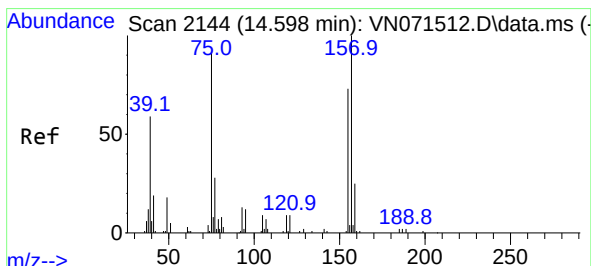
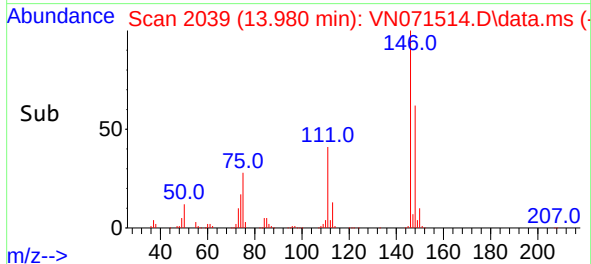
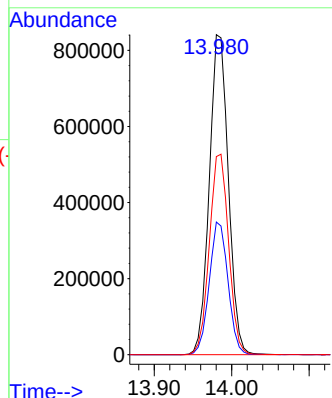
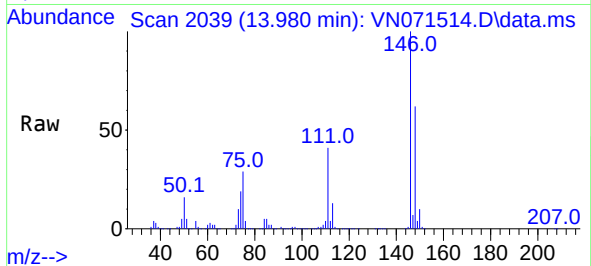
#87
1,2-Dichlorobenzene
Concen: 117.195 ug/l
RT: 13.980 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 1437062
Ion Ratio Lower Upper
146 100
111 40.9 21.4 64.2
148 63.4 32.5 97.4

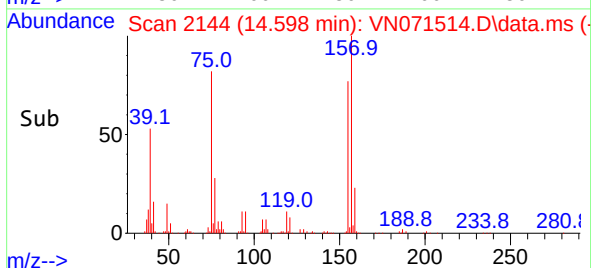
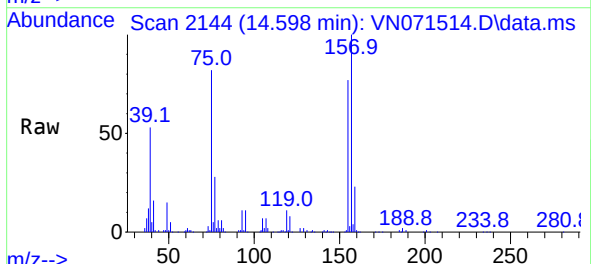
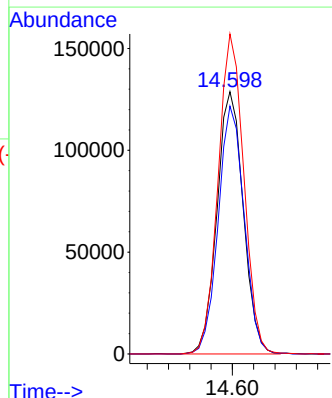
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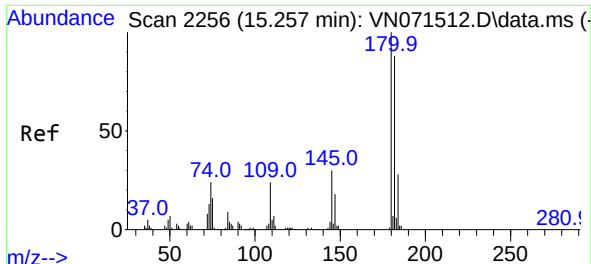
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 104.305 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

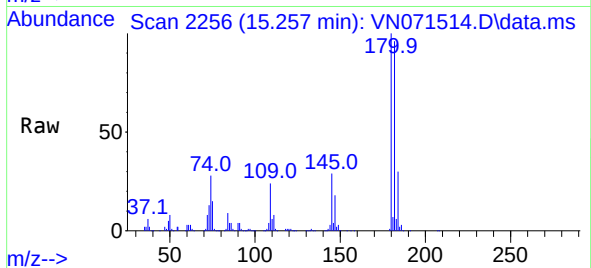
Tgt Ion: 75 Resp: 220839
Ion Ratio Lower Upper
75 100
155 93.0 63.8 95.8
157 119.1 77.9 116.9#





#89
1,2,4-Trichlorobenzene
Concen: 132.877 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

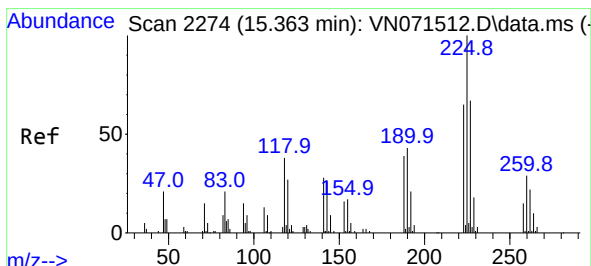
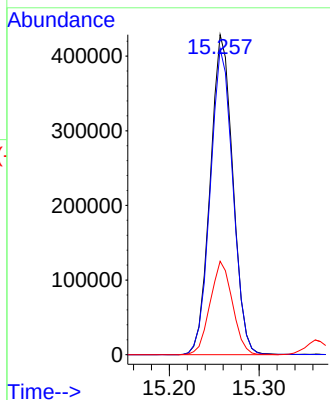
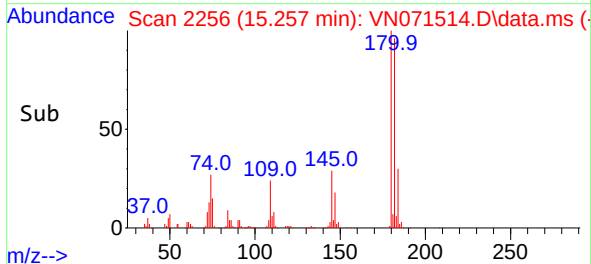
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



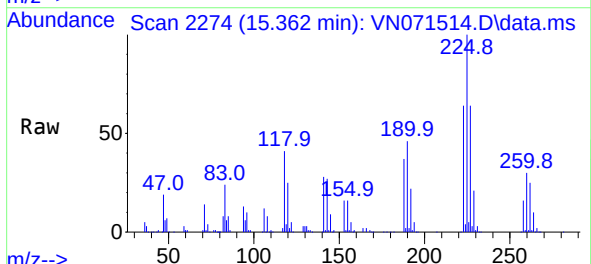
Tgt Ion:180 Resp: 749019
Ion Ratio Lower Upper
180 100
182 95.5 77.7 116.5
145 28.9 26.6 39.8

Manual Integrations
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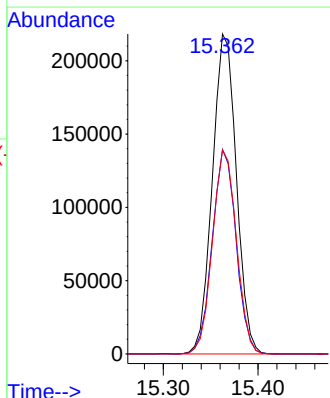
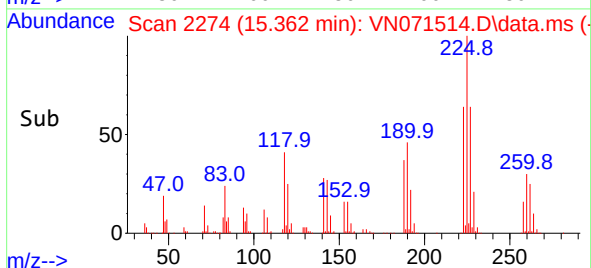
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

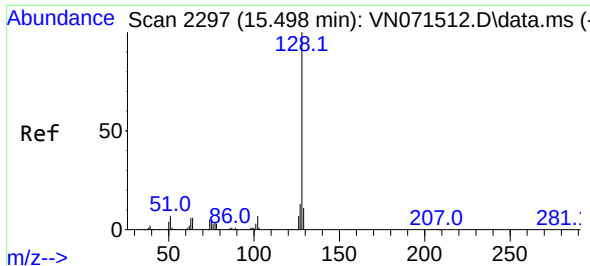


#90
Hexachlorobutadiene
Concen: 118.841 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



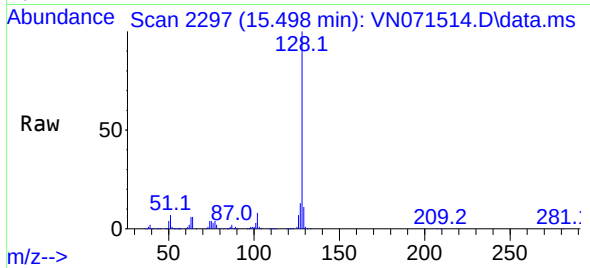
Tgt Ion:225 Resp: 384672
Ion Ratio Lower Upper
225 100
223 63.4 0.0 126.8
227 63.5 0.0 123.0





#91
Naphthalene
Concen: 130.030 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17

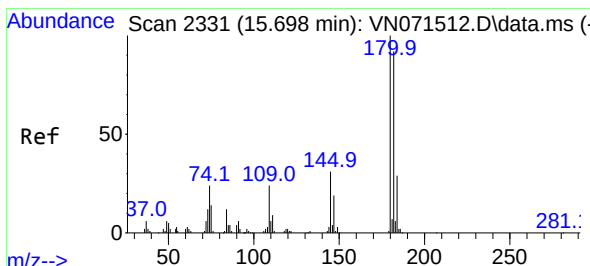
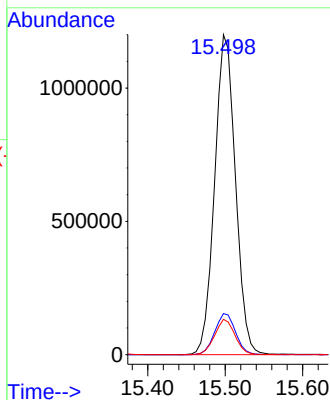
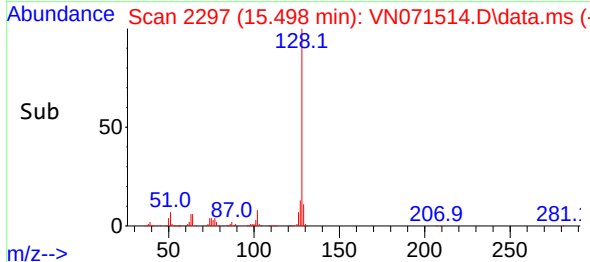
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



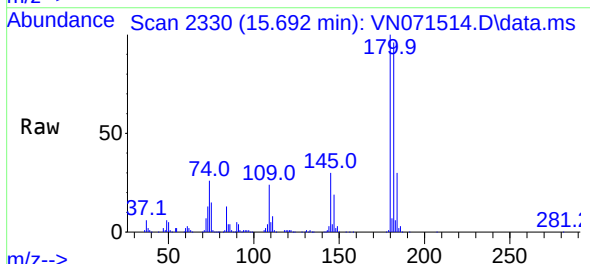
Tgt Ion:128 Resp: 2239674
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.9 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#92
1,2,3-Trichlorobenzene
Concen: 129.100 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071514.D
Acq: 24 Mar 2022 11:17



Tgt Ion:180 Resp: 740322
Ion Ratio Lower Upper
180 100
182 96.0 0.0 190.0
145 30.4 0.0 67.8

